School of Civil and Mechanical Engineering
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Effect of Nanoparticles on the Durability of Cement Stabilised Base Course Materials

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DECLARATION

This thesis contains no material which has been accepted for the award of any other degree or diploma in any university.

To the best of my knowledge and belief, this thesis contains no material previously published by any other person except where due acknowledgment has been made. The following publications have resulted from the work carried out for this degree.

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EFFECT OF NANOPARTICLES ON DURABILITY OF CEMENT STABILISED BASE MATERIALS

ABSTRACT

The use of cement treated Crushed Rock Base (CRB) course materials in flexible pavements is expected to provide a long service life; however, it is susceptible to deterioration due to physical or chemical factors. Most durability issues in cement modified CRB course materials are related to carbonation as a chemical factor, and this has been observed in different places including Western Australia.

Recent research into the durability of soil stabilised material focuses mainly on finding desirable binder content, or the limitations of common relevant test methods. In the case of modified soils, these findings suggest a high level of binder content that is not required for pavement structural design. This subject prompted the idea of using fly ash and nanoparticles as a pozzolanic supplementary material in order to both achieve durability and meet the structural requirements as far as possible.

As such, nano silica was selected for inclusion in this material in order to optimise the potential mix designs. Tests were undertaken, including wet/dry cycling, Tube Suction Test (TST), Initial Consumption of Cement (ICC), shrinkage, Unconfined Compression Strength (UCS) and Repeated Load Triaxial (RLT), in order to evaluate the variations in durability and structural design parameters.

In the next step, different mixes were exposed to accelerated carbonation conditions to develop a carbonation model for modified CRB material and validate the suitability of a mathematical carbonation model of concrete for this material. Thus, the time dependent and post carbonation structural parameters of this material were measured.

The main outcomes of these experiments are represented in terms of the suggestion of a beneficial nano particle type, numerical evaluation of the wet/dry cycling test method, the suggestion of time dependent relationships for resilient modulus, and the strength of cement modified CRB material

designed according to Australian codes. The microstructural effects of nanoparticles and carbonation on hydration products in such mixes are also investigated by means of Scanning Electron Microscopy (SEM) methods.

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NOMENCLATURE

ACRONYMS

AADT	Annual Average Daily Traffic
AASHTO	American Association of State Highway and Transportation Officials
AFM	Atomic Force Microscopy
ALF	Accelerated Loading Facility
ARRB	Australian Road Research Board
ASTM	American Society for Testing and Materials
Austroads	Association of Australasian Road Transport and Traffic Agencies
BC	Bituminous Concrete
BS	British Standards
BSE	Back Scattered Electron
BCL	Bitumen Crushed Limestone
CH	Calcium Hydroxide
CBR	California Bearing Ratio
CNT	Carbon Nano Tube
CRB	Crushed Rock Base
CSH	Calcium Silicate Hydrate
CSIR	Council for Scientific and Industrial Research
DGA	Dense Graded Asphalt
DMC	Design Moisture Content
DV	Dialectic Values
DWNT	Double Walled Carbon Nano Tube

EDS	Energy Dispersive X-Ray Spectroscopy
ESA	Equivalent Standard Axels
FE	Finite Element
FHWA	Federal Highway Administration
GP	General Purpose
GPR	Ground Penetration Radar
HCTCRB	Hydrated Cement Treated Crushed Rock Base
HD	High Density
ICC	Initial Consumption of Cement
ICL	Initial Consumption of Lime
LD	Low Density
LVDT	Linear Variable Differential Transformers
MDD	Maximum Dry Density
MIP	Mercury Intrusion Porosimetry
MRWA	Main Roads Western Australia
MWNT	Multi Walled Carbon Nano Tube
NAASRA	National Association of Australian State Road Authorities
NCHRP	National Cooperative Highway Research Program
NITRR	National Institute for Transport and Road Research
OGA	Open Graded Asphalt
OMC	Optimum Moisture Content
OPC	Ordinary Portland Cement
PCA	Portland Cement Association

PSD	Particle Size Distribution
RH	Relative Humidity
RLT	Repeated Load Triaxial
SE	Secondary Electron
SEM	Scanning Electron Microscope
SWCNT	Single Walled Carbon Nano Tubes
TST	Tube Suction Test
TWNT	Thin Walled Carbon Nano Tube
UCS	Unconfined Compression Strength
USACE	United States Army Corps of Engineers
UTM	Universal Testing Machine
WA	West Australia
XQRD	Quantitative X-Ray Diffraction
XRF	X-ray Fluorescence

CHAPTER ONE: Introduction

1.1 Statement of the Problem

Cement stabilisation is defined as the mixing of soil and/or aggregate material with Portland cement to produce a hardened durable material as the primary structural base layer in flexible pavements Adaska et al. (1997). The cement content of the mixture is always determined based on the required strength and durability criteria. The evaluation of durability generally relates to the weight loss resistance of cylindrical samples against wet/dry cycles (ASTM D559) or freeze/thaw cycles (ASTM D560) depending upon the climate conditions at the pavement location. To save time with these tests, their results are correlated to UCS which relates durability to strength. Thus, the cement content of a mixture is often determined by undertaking a UCS test in order to meet structural and durability requirements. Nevertheless, achieving desirable results from the wet/dry or freeze/thaw cycles and UCS tests may not necessarily guarantee the long-term performance of soil stabilised material. This is more significant in the case of cement modified material.

The cement modification of soils often requires a low UCS or cement content (less than for soil stabilisation) in order to alter the undesirable properties. In general, modification is about reducing the plasticity index, clay/silt-sized particles, shrinkage limit, and volume change and moisture susceptibility of soil while increasing the California Bearing Ratio (CBR) and strength index. Thus the modified material is classified as unbound material regardless of insignificant tensile strength development. Typically, in the case of Crushed Rock Base (CRB) materials, the addition of less than 2% cement can improve the resilient modulus and moisture susceptibility of the material (Jameson & Shackleton, 2009). Although this cement content might seem to be satisfactory for the short term performance of pavements, some undesirable signs of long-term distress in pavements due to chemical factors have highlighted the importance of durability issues.

One durability issue is carbonation, or the reaction of carbon dioxide with cement hydration products, which causes decreased strength as well as surficial cracks and other signs of distresses. Although it is believed that early use of curing methods during construction may limit these deleterious reactions, the carbonation can continue during the service life of pavements. This subject is more important for low cement mixes such as cement modified CRB materials. Thus, an understanding of the chemistry involved can provide some insights into the evaluation of the rate of progress of process, post-carbonated characteristics of materials, and control methods.

Supplementary materials for use with cement have the potential to improve the durability of cement modified CRB material. On this basis, traditional pozzolanic material such as fly ash has been used to contribute to the cement hydration reaction, but it is limited with regard to particle size (dimension) and variations in its constituents (not uniform composition). Thus nano-sized products such as nano silica may be able to make up for the limitations of fly ash and cement in providing less porous and stronger paste in materials. Having the variety of pozzolanic particle sizes, by including a mixture of supplementary products, affects cement hydration products from the micro to the nano levels.

The incorporation of nano silica may improve durability characteristics, which require durability test results at initial step of investigations. Then, mechanical tests under accelerated conditions in laboratory are necessary to simulate the long term performance and to develop design relationships. These changes should also be investigated directly by delicate exploration techniques like scanning electron microscopy (SEM) to reveal the macro and microstructural changes in cement modified CRB material.

1.2 Research Significance and Scope

A durability study of cement modified CRB material is important to understand the development of some distresses in flexible pavement in the forms of rutting, surficial cracks or spalling of surface wearing layers.

A review of the literature reveals that there have been limited efforts to address this issue with general suggestions regarding suitable cement

content and early curing of cement stabilised base materials. However, there is limited knowledge about the rate and explicit impacts of this deleterious reaction on the design characteristics of cement modified material, as a kind of soil stabilisation. Characteristics such as strength, resilient modulus and microstructural texture vary with slow carbonation reactions which require more investigations.

The primary objectives of this research are therefore the evaluation of durability in general and carbonation specifically, as well as their effects on the mechanistic design parameters for cement modified base materials in Australia. Subsequently, the micro features of nano silica and carbonation reactions are assessed to devise new ideas for durability enhancement.

Although this attempt is based on natural base material, its outcomes can be extended and developed for recycled materials, resulting in other methodologies to improve the sustainability of pavements.

1.3 Thesis Outline

This thesis consists of five chapters, each with specific objectives. The following paragraphs provide a brief description of each chapter, highlighting the main ideas presented. The flowchart below illustrates this outline and allows the visualisation of the different stages of this research.

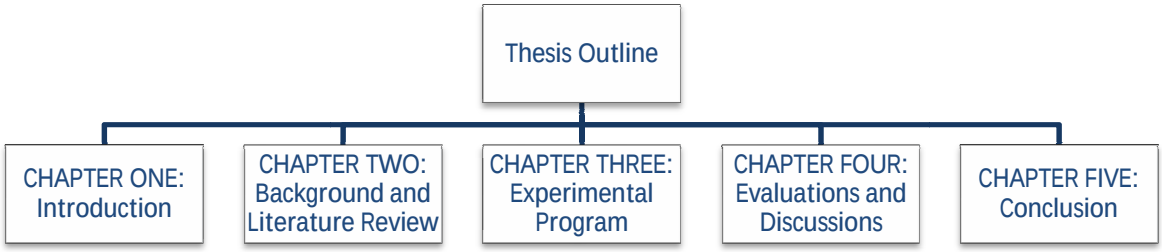


Figure 1.1 Thesis outline

Chapter one provides the introduction, research objectives and scope, and the overall structure of the thesis.

Chapter two is a literature review that briefly summarises the background of durability issues in cement stabilised base course materials. It also explains

the features of common test methods, the carbonation process and nanoparticles, in order to support further investigations.

Chapter three describes the research methodology by showing the results of different testing programs for evaluating the influence of nano silica on structural design and durability parameters. Additionally, the effects of accelerated carbonation conditions on selected mix designs are presented to provide time dependent design relationships. In parallel, all of the microstructural changes are explored by means of SEM methods.

Chapter four initially utilises hydromechanical and transient F.E. analyses to obtain an effective deterioration mechanism in the wet/dry cycles test. The results of other tests are also discussed to provide simple correlations between design parameters before and after carbonation for material including nano silica. Finally, SEM observations are used to investigate the microstructural changes in material caused by nano silica and carbonation reactions.

Chapter five provides conclusions regarding the findings in each part of this research, and makes suggestions for future investigations. Detailed test results are included In the Appendices.

CHAPTER TWO: Background and Literature Review

2.1 Overview

Portland cement is an additive used to improve the strength and durability of soils or aggregate mixture during stabilisation work. It is effective in the reduction of costs related to type, volume and haulage of the materials required in a given project. Its influence is in the strengthening of insitu materials, improvement of low quality materials and reduction of the thickness of the base course layer, which are the main objectives of cement use in pavement. Cement application impacts soil behaviour in many ways, by reducing moisture susceptibility, enhancing durability, volume and strength stability under variable moisture conditions. It can develop the bonds between soil and/or aggregate particles, generating tensile strength and a higher elasticity modulus.

One of the major concerns associated with stabilisation is the durability of stabilised and compacted mixtures throughout the service life of flexible pavement. The observed issues are often seen in conjunction with the tendency of material to develop discrete cracks within the base course layer which are reflected in the bituminous wearing surface, and cause maintenance problems. These issues mainly arise when the moisture content of the material is altered during wet/dry cycles due to either compaction or flooding situations. In these cases, the structural capacity of the pavement may be dramatically reduced, leading to undesired deformations or even failure.

Different physical or chemical mechanisms can be associated with moisture changes; however, durability studies on flexible pavement require more attention to both the type of stabilisation and the structural requirements.

Cement stabilised soils generally fall into two classes; soil cement and cement modified soil. In soil cement, enough cement is added to produce a hardened material with strength or stiffness increments up to twenty to thirty times that of the raw material (George, 2002). By contrast, cement modified soil treats the undesirable properties of soils with the addition of relatively small proportion of Portland cement. In this case, cement is used to improve

sub grade soils or to amend local aggregates for use as base course material. This method is often used in Western Australia (WA) to reduce the moisture susceptibility of CRB materials.

Cement stabilisation techniques have been in use in WA since 1970s (Hamory, 1977), but the durability of cement modified base course material is still of concern for stakeholders in this industry.

As such, this chapter provides a summary of the use of stabilisation in WA and the durability issues. In addition, the latest research results including the test methods and effective factors for durability, as shown in Figure 2.1, are presented in order to investigate the benefits of new supplementary products such as nanoparticles. The results of structural and durability tests are discussed during the explanation of the experimental program in the next chapter.

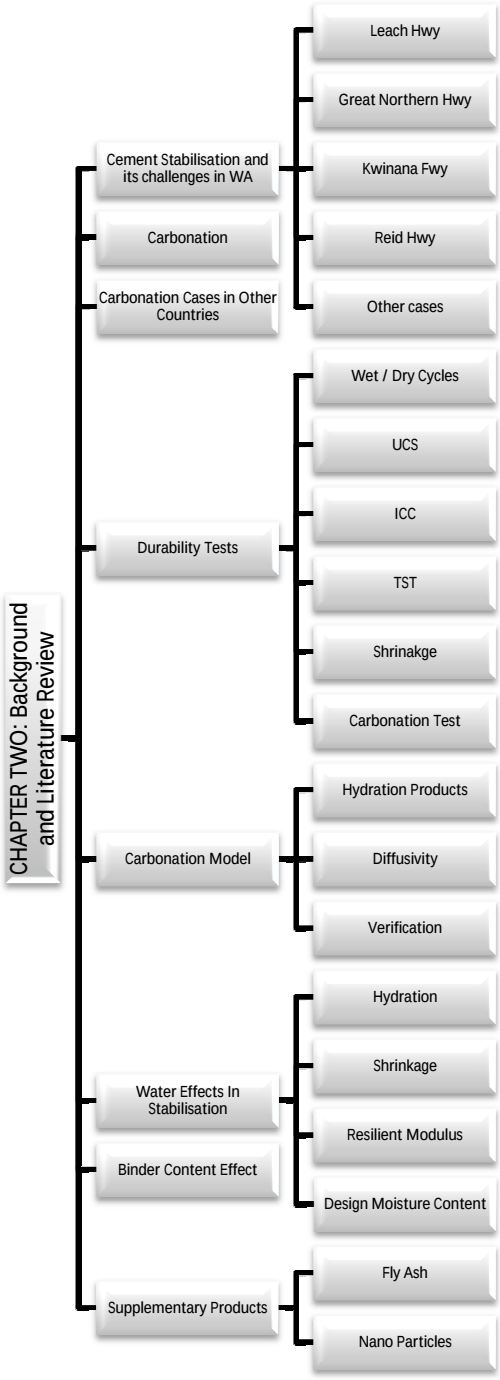


Figure 2.1 Outline of Chapter Two

2.2 Cement Stabilisation and its Challenges in WA

The use of cement stabilisation technology in WA goes back to the 1970s, when Main Roads Western Australia (MRWA) decided to support investigations into alternate methods superior to the bitumen stabilisation of base course material. Base course material was obtained mainly from calcareous aeolianite deposits called limestone, which had low cohesion and poor bonding with bituminous surfacing. As such, about 3% bitumen was typically mixed with crushed limestone as a base course material to improve its bonding, handling during construction and quicker opening to traffic after sealing (Hamory, 1979a).

The increasing cost of bitumen encouraged MRWA to undertake laboratory tests comparing the performance of cement and bitumen for stabilisation purposes. The results of laboratory experiments including compression and indirect tension tests on limestone type CRB stabilised with 1.0% to 6.0% cement or 1.0% to 4.0% emulsion bitumen revealed that cement can produce stronger mixes at lower contents compared with bitumen (Hamory, 1977). These results justified further investigation by means of trial sections stabilised with bitumen or cement, and these were built along Leach Highway, Perth in 1977 (Hamory, 1981).

Leach Highway Trial Sections

These sections were located at Stations 9 680 m and 10 850 m along the east bound carriageway, between Wendouree Road and Denby Street. Four trial sections of 300 m length each were designed and constructed based on NAASRA 1977 pavement design procedures. Except for section one, which had 50mm dense grade BC, the sections had a single coat seal. In the single coat seals, the aggregates were 10 mm granite binding with a 97:3 blend of 85/100 bitumen and kerosene at a rate of 1.26 to 1.31 t/m^2. Figure 2.2 shows some details of pavement structures in these trial sections.

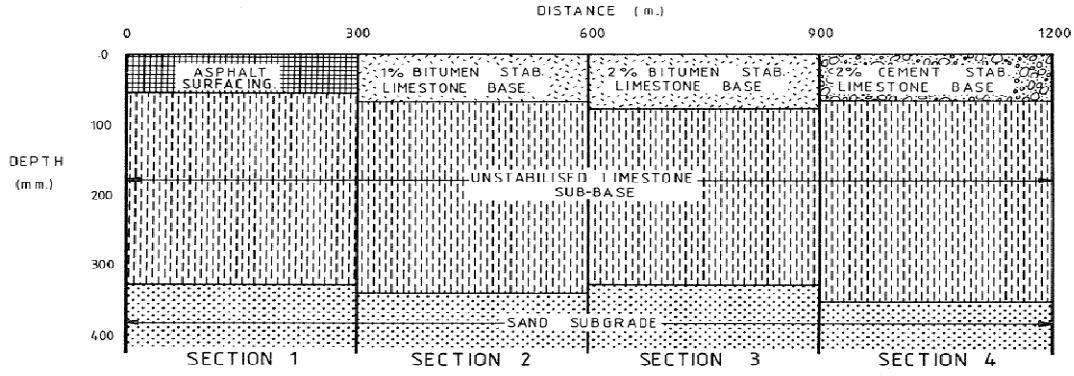


Figure 2.2 Details of trial sections of cement stabilisation in Leach Highway (Hamory & Cocks, 1988)

The construction commenced in June 1977 by removing the existing road structures on the alignments to improve the uniformity of non-plastic sandy subgrade in all sections. Sections 2, 3 and 4 were sealed on 18 October and opened to traffic on 2 November 1977. The bituminous concrete in section 1 was laid between 9 and 13 December and opened to traffic on 10 March 1978. The Annual Average Daily Traffic (AADT) was approximately 11 500 vehicles in 1978 (Hamory, 1979a).

Random 100 mm diameter core samples taken from all sections, especially section 4, revealed a 44% decrease in indirect tensile strength after two years in service. MRWA could not provide a specific reason for this issue, however, it was thought that the strength loss was related to compaction delay in section 4 for about 24 hours (Hamory, 1979a). Due to the breakdown of the mixing plant, cement stabilised material was delivered over a period of two days which led to a delay in compaction. Later in 1980, similar core sampling was repeated and indicated some improvement in strength for about 78% of the initial results. The samples had the same moisture ratios, showing that the increment was related to variability in the testing procedure. This was supported by a similarity in the standard deviation of the results, as shown in Table 2.1.

Other observations include moisture, deformation and micro crack systems. The depth of the water table was measured, showing a variation of 0.93m to 1.32m from the surface during winter in the months of August 1978 and August 1980; however in summer, it was 4 m to 5 m below the surface.

Table 2.1 Summary of tension strength results

Date		Sections					
		2		3		4	
		1% Bit. Stab. Limestone		2% Bit. Stab. Limestone		2% Cement. Stab. Limestone	
		Tensile Strength (kPa)	Moisture Ratio (%)	Tensile Strength (kPa)	Moisture Ratio (%)	Tensile Strength (kPa)	Moisture Ratio (%)
Dec 1977	Avg	42	29	55	36	59	65
	Sted	12	3	13	2	16	5
	N	(15)	(15)	(15)	(15)	(15)	(15)
Aug 1978	Avg	72	20	113	23	-	-
	Sted	12	4	21	3	-	-
	N	(15)	(15)	(15)	(15)	-	-
Nov 1978	Avg	-	-	-	-	57	59
	Sted	-	-	-	-	16	8
	N	-	-	-	-	(15)	(15)
Oct 1979	Avg	36	34	52	39	26	66
	Sted	12	4	11	3	11	6
	N	(15)	(15)	(15)	(15)	(15)	(15)
Dec 1980	Avg	50	32	73	42	46	61
	Sted	12	5	17	3	14	8
	N	(16)	(16)	(18)	(15)	(8)	(11)

These conditions kept the moisture ratio of cement stabilised section at a maximum of 66 %. The loss of small areas of the seal was noted in sections two and four. The surface deflections of section four due to an 8.2 ton load on a single rear axle with the dual wheels of a truck, measured by Benkelman Beam employing the rebound method, remained constant at about 0.55mm after 10 years of service life. The presence of a micro-crack system in section four delivered closely packed aggregates with matching surfaces of the adjoining particles. Although, the performance of this section was satisfactory, similar to the rest of the sections, attentions was focused on the fatigue problem (Hamory & Cocks, 1988).

In NAASRA 1986, design guidelines for mechanistic analysis were developed with the help of CIRCLY software based on fatigue criteria. The back analysis assessment of the load deflection measurements on Leach Highway showed the inconsistency of expected deformations with in service records. In

addition, it confirmed that the cemented sections acted like blocks of unbound granular material (Sales, 1987). Therefore, fatigue or construction defects drew attention in the tests results showing lack of durability, but the other outcomes indicated that cemented base course materials were desirable in poorly drained pavement conditions, in agreement with the results of similar research carried out by ARRB in test tracks (Hamory, 1979a).

2.2.2 Great Northern Highway

The benefits of cement were applied in 1978 for the modification of the plasticity index and linear shrinkage of gravel base course material in the 96 100 – 110 800 m sections of the Great Northern Highway at Sandfire where flooding was common. In construction, a grader was used to mix 2.5% cement with dry pulverised base course material one day before adding 8% moisture to the mixture. Cement also causes the agglomeration of gravel material which increases the soil fraction passing a 0.30 mm sieve and remaining on a 0.075 mm sieve by about three times (Hamory, 1979b).

2.2.3 Kwinana Freeway

In 1987 and after six years of service, CRB course materials with 125 mm thickness were unable to prevent the formation of fatigue cracks in both the dense graded asphalt (DGA) and open graded asphalt (OGA) layers of Kwinana Freeway in sections from Leach Highway to South Street.

In 1992, high surface flexing issues were observed again in spite of construction and increasing the thickness of the CRB layer from 125 mm to 160 mm in the following sections from South Street to Armadale Road.

In 1994, poor performance of a 170 mm CRB layer was observed in the form of high deflection and curvature values between Yangebup Road and Farrington Road, due to drainage issue and water intrusion into the base course layer (Harris & Lockwood, 2009). There was a similar case in a section of Welshpool Road in Lesmurdie (Watson, 1995).

The sensitivity of the crushed rock base material to moisture was thought to be the main reason for the failures. The resilient modulus (Mr) tests by

Repeated Load Triaxial (RLT) test results indicated that CRB materials are extremely sensitive to moisture as shown in Figure 2.3. As such, it was suggested that the material be dried to a moisture ratio level of 60% (after compaction), or cement as binder be applied (F. Butkus & A. Lee Goh, 1997).

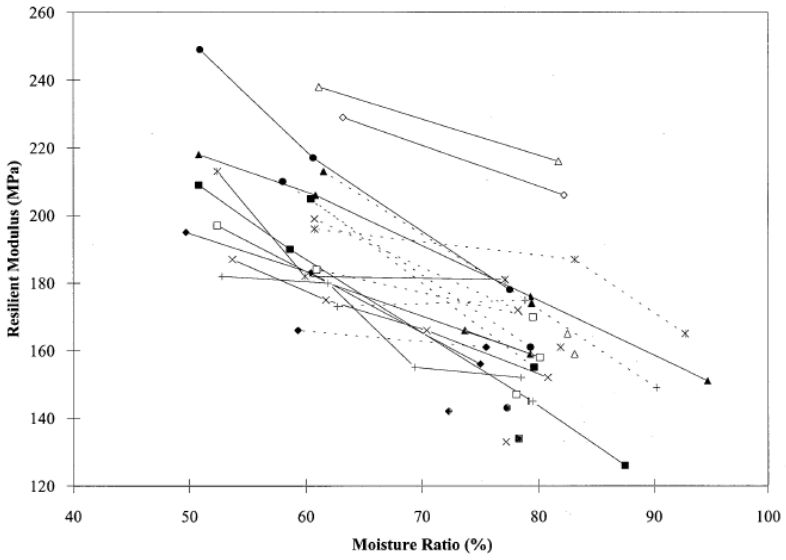


Figure 2.3 Resilient modulus versus moisture ratio (F. Butkus & A. Lee Goh, 1997)

In the 1990s, it was thought that it would be difficult to keep the moisture content low under in situ conditions, so the use of a bitumen or cement modifier was considered as a solution. Initially, Bitumen Stabilised Limestone (BSL) base course replaced CRB course material but it was quite weak until the bitumen oxidised and hardened.

In the laboratory, RLT tests on Bitumen Crushed Limestone (BSL) material and cement added samples revealed that moisture sensitivity significantly improved. In the case of cement, a small quantity (i.e. 1% cement) had the potential to produce bound material with subsequent cracks which was not favourable (Lee Goh, 1994).

The cement modification of CRB was therefore deemed to be another solution. Different mixes with 0.5%, 1%, 2% and 3% cement were considered for further tests. The small amounts of cement were added to CRB material in a pugmill and stockpiled for seven days in order to generate the majority of hydration reactions. Further remixing of these materials during carting, hauling and compaction could limit the likely in situ shrinkage. This material

was called Hydrated Cement Treated Crushed Rock Base (HCTCRB). HCTCRB was able to provide enough resilient modulus (Mr) while complying with the UCS limits from MRWA (Hamory & Cocks, 1988).

2.2.4 Reid Highway

Reid Highway was the first location for trial sections of HCTCRB. Nine sections of 860m length were constructed between West Swan Road and the Bennett Brook bridge in Caversham, Figure 2.4 (Butkus, 2004).

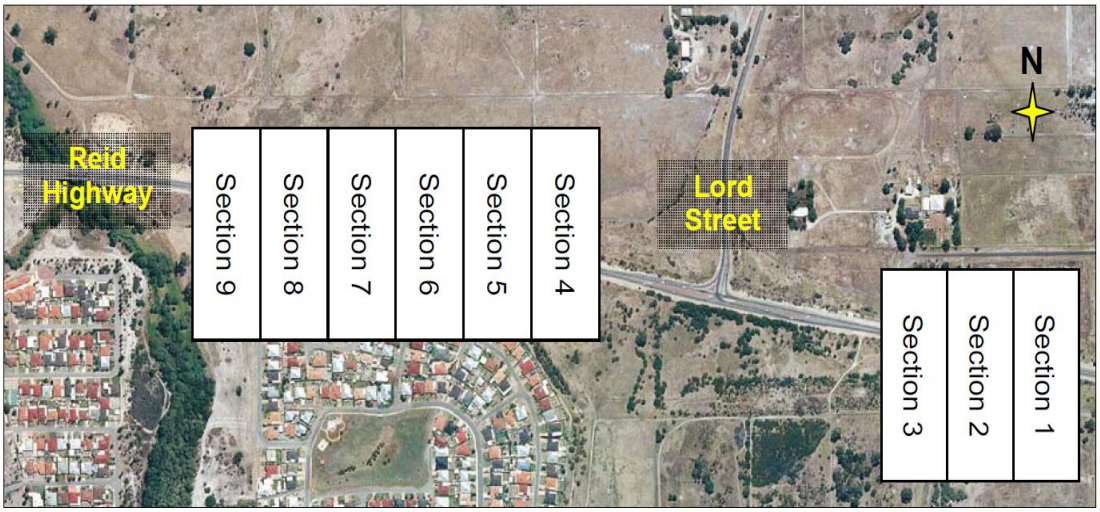


Figure 2.4 Trial sections of Reid Highway (Harris & Lockwood, 2009)

Table 2.2 shows more details of the pavement structure in these trial sections.

Table 2.2 Reid Highway trial section base course material and thickness (Butkus, 2004)

Section	Modified Base Course Material	Depth (mm)
1	2% HCTCRB	100
2	2% Bitumen Stabilised Limestone	100
3	Crushed Rock Base	100
4	Crushed Rock Base	200
5	1% HCTCRB	200
6	2% HCTCRB	200
7	0.75% Cement CRB	200
8	2% Cement Stabilised Limestone	200
9	LIMUD	200

Note: HCTCRB = Hydrated Cement Treated Crushed Rock Base
LIMUD = Lime stabilised base course

The considered design traffic was estimated to be at $3.5*10^7$ ESA for 40 years. The design procedure took into account a CBR of 12% for subgrade sand below a 135 mm crushed limestone subbase. Base course construction commenced in March 1996 and was completed in May 1996. In sections one, five and six, base course layers were primed after one, nine and ten days after compaction, respectively. Similarly, the sealing and asphalting of these sections was done four days and eight months after priming, respectively.

Apart from sections seven and eight, all other sections were laid out and shaped with a grader. Watering of the material was also necessary to facilitate the laying out and compaction processes with eight passes of a 10 tonne self-propelled vibrating smooth drum roller and 16 passes of a 15 tonne multi-wheeled rubber tyred roller. After compaction and in all sections, the base course material was dried back and primed with class 170 bitumen/medium curing cutting oil. Primer was utilised at a rate of 0.9 l/m^2 and blinded with sand to prevent further dry back of the base course before sealing.

Finally, the test sections were covered with a nominal 30 mm of 10 mm dense graded granite asphalt and opened to traffic in December 1996. The actual asphalt thicknesses varied between 44 mm and 65 mm. The moisture ratios of the base course material were found to be in a range of 68% to 82% in HCTCRB sections where the cement disappearance, potentially due to carbonation according to Table 2.3, was observed in 2008 (Harris & Lockwood, 2009).

The performance of carbonated sections returned to the level of untreated CRB material. In addition, there were some transverse cracks on the centreline and shoulders of the HCTCRB sections, which were supposed to be shrinkage type cracks.

Table 2.3 Carbonation test results in Reid Highway trial section(Harris & Lockwood, 2009)

Sections		1		5		6		7	
Base course Description		2% cement HCTCRB		1% cement HCTCRB		2% cement HCTCRB		0.75% GGBFS Stabilised CRB	
Thickness (mm)		123		210		211		231	
Sample Chainage		11570	11600	10520	10550	10430	10460	10330	10360
Test Section	Phenol phthalein	N	N	Y	N	Y	Y	N	N
	Phenol red	N	N	-	N	-	-	N	N
	HCl acid	Y	Y	Y	Y	Y	Y	Y	Y
Carbonation Result		FC	FC	Not FC	FC	Not FC	Not FC	FC	FC

Note: FC= Fully Carbonated

2.2.5 Other Cases

Contact with MRWA staffs, consultants and pavement experts revealed that there had been other cement modification cases along WA freight routes. In Orrong Rd, insitu stabilisation of 150mm CRB with 0.75% cement was used between McDowell St and just west of Felspar Road in 2001 and opened to traffic in 2003. HCTCRB material application continued up to Roe Highway to compare these various cement content materials. Recent observations in 2014 show that while the 0.75% cement section looks stressed, the HCTCRB section was significantly patched.

In another case, the entrances at both ends of the Graham Farmer Freeway tunnel had 150 mm CRB between 30mm OGA / 30mm DGA and 170mm crushed limestone. The CRB layer was in situ stabilised for a length of about 250 m with 0.75% GP cement, but the pavements showed signs of distress with cracking of the asphalt, and in some locations pumping of fines from the base course.

The rest of the cases have mainly related to the stabilisation of the natural granular base course in all new floodway pavements, typically by the addition of between 1% and 2% type LH cement with a spray seal surfacing. This method is currently the most common method of treating pavements in WA, rutted and/or shoved due to moisture migrating from table drains through

unsealed shoulders into the left wheel path. However, regular interval shrinkage cracking is reported as an issue for these sections (MRWA, 2012).

HCTCRB has been used in other locations such as the Kwinana Freeway extension between Glen Iris and Safety Bay Road, but the performance of this material has been doubtful due to its associated problems. For this reason it has not been placed by MRWA since mid-2009. The issues associated with HCTCRB material covered with asphalt surfacing typically include:

- Shallow ruts (about 10mm) develop in wheel paths;
- Transverse cracks at a spacing of about 400 mm;
- Reduction of space between cracks to about 200 mm and pumping of white fines from the base course;
- Crocodile cracking;
- Pieces of asphalt dislodged by traffic;
- Carbonation.

The treatment method of MRWA is to reclaim the asphalt to be laid a geotextile reinforced seal followed by replacement of asphalt in that kind of failure cases. Although carbonation evidences existed in trial sections of Reid highway but further and major attentions were attributed to shrinkage, inadequate thickness, inappropriate stabilisation or fatigue mechanism studies. Later surface observations and field testes by coring and doing carbonation tests according to test method WA 620.1 – 2012 (carbonation of concrete) also showed importance of carbonation, as a durability issue, over fatigue as initially assumed failure reason. Thus, this deleterious reaction is discussed more in next.

2.3 Carbonation

Carbonation of lime or cement mixture is due to the reaction of a mixture of calcium hydroxide $Ca(OH)_2$ in the pores of cement and water with atmospheric carbon dioxide (CO_2 .This reaction converts hydration products into calcium carbonate ($CaCO_3$), and normally decreases the equilibrium pH from about 12.0 to around 8.3. Prolonged chemical bonds in stabilisation

require the dissolution of calcium hydroxide $Ca(OH)_2$ into the pore water to bring the alkalinity or pH value of cementitious mass to 12.5. Carbonation makes this process ineffective by decreasing pH to lower values not suitable for hydration reactions. The carbonation reactions in cement products can be represented by the chemical relations below:

$$Ca(OH)_2+CO_2 = CaCO_3+H_2O \quad (2.1)$$

$$(3CaO.2SiO_2.3H_2O)+3CO_2 = (3CaCO_3.2SiO_2.3H_2O) \quad (2.2)$$

Cement-based materials can undergo carbonation which is the most common chemical reaction, even in the ambient air conditions. The existence of a highly alkaline medium, from the reaction of Portland cement with water, produces a film of pore water that is susceptible to reacting with carbon dioxide from the atmosphere. The carbonation reaction occurs in the liquid phase where carbon dioxide absorbs the Ca^{2+} cation in the presence of aqueous hydroxide to produce calcium carbonate. Liquid filled voids in cementitious material facilitate the carbonation process.

In pavement, carbonation reactions in cement and lime are detrimental and are associated with other distresses. They are often revealed by a thin, loose, powdery layer on the top of a stabilised layer surface, spalling and cracking of a wearing course layer and rutting, as shown in Figure 2.5. They cause cement mix material to lose its strength, density and internal bonds.

Figure 2.5 Carbonation signs in the wearing course of pavements

2.4 Carbonation Cases in Other Countries

Carbonation of cemented layers was initially recognised in the United States (Terrel, 1979). The pavement of State Highway 36 in Houston, faced with carbonation after three years in service from 1990. The base layer was treated with 5% cement at a thickness of 150 mm, but observations showed transverse cracks, pumping of fine soils and depressions in the wheel paths. Depressions had at a spacing of 6 m, were 0.3 m wide and 10 to 20 mm in depth. Exploration cores showed disintegration of material and white crystals (efflorescence) on all evaporation surfaces. Similarly, carbonation signs were also noted in other places such as US 59. A result of the investigation of the failures was the recommendation to limit the plasticity Index of base course material to a maximum of 10% (Bredenkamp & Scullion, 1995).

Early in 1982 in South Africa, the National Institute for Transport and Road Research (NITRR) investigated the surface failure and disintegration of the base course layer in many kilometres of two years old roads. The most important contributory cause was ascribed to the carbonation of lime in marginal quality base course material. The other reasons included the unsuitability of the low plastic fine content of the raw material, and traffic overload (Netterberg & Paige-Green, 1984). The other outcomes of this investigation were as follow:

- Although cement appears to be more resistant, it is not immune to carbonation.
- Carbonation is affected more by poor curing after construction rather than binder type.
- Carbonation rates were about 3-50 mm/year.

In 1990, the loss of stabilisation and distress was studied in at least 100 cases, involving roads of 800 m to 20 km in length which were constructed between 1957 and 1986. In these cases, binders such as lime, cement and lime-slag were incorporated in 49%, 36% and 14% of cases respectively. Types of distress included loose prime and/or surfacing scabbing, loss of

stabilisation and return of plasticity index. The occurrence of carbonation was confirmed in 45% of these cases by spraying of pH reagent or using the phenolphthalein test. Interestingly, in about 15 cases, despite loss of strength and carbonation of base course material there was no sign of distress on the surface (Paige-Green et al., 1990).

In Britain, Bagoniza et al. (1987) studied the effect of different curing conditions in laboratory on clayey sand (a poor quality calcrete) material from Botswana. Their aim was to evaluate of different curing methods, such as polythene bags or paraffin wax coating, called normal, a high humidity of 100%, low humidity by desiccation, and high carbon dioxide with no sealing. The results showed that only the sealed and normally cured samples were unaffected, with the other methods showing carbonation to varying degrees. In addition, curing by water spraying for seven days as a common method of soil stabilisation showed carbonation at depths of about 6 mm and 25 mm after curing and 25 days exposure in air, respectively.

A review of the failure cases reported above indicates that carbonation failure may take a long time to be noticed, if not mistaken with other types of distress such as fatigue, rutting, etc. In order to prevent or characterise this behaviour, it may be necessary to review the available durability test methods. During the above investigation, some laboratory experiments were also undertaken. Reviewing these studies helped to improve the planning of the testing program in this research and analysis of the obtained results. The findings of the laboratory tests are reviewed in the next section.

2.5 Durability Tests

The objectives of durability tests are the selection of optimum cement content to ensure the long term performance of stabilised soil in pavement. Test methods such as wet/dry cycles and freeze/thaw cycles, compressive strength, pulse velocity, and length changes were considered in early investigations of durability tests by Packard (1962). These test methods except the last two tests (pulse velocity and length changes) have been considered in standards and carbonation studies. Other test methods have also been devised for specific cases related to erosion (Gass et al., 1992).

2.5.1 Wet/Dry Cycles Test

The wet/dry brush test (hand brush) is a common test method used to evaluate the durability of stabilised materials. It gives the cement content required to maintain the permanent stability of a mass under shrinkage and expansion forces occurring in practice. This test method was developed initially by the Portland Cement Association (PCA) in 1930s and is specified by the AASHTO T135 and ASTM D559 standards. In summary, the test procedure is as follow:

1. Remoulding of two cylindrical samples according to the Proctor standard;
2. Curing of samples in high humidity for seven days;
3. Submerging of samples in tap water at room temperature for a period of five hours;
4. Drying of samples in an oven at 70°C for 42 hours;
5. Giving two firm strokes on all areas of sample one (a total of 18 to 20 vertical strokes on the sides and four strokes in each end) with a standard wire scratch brush;
6. Weighing the samples before and after drying or brushing;
7. Measuring the volume of sample two;
8. Repeating the steps three to six for 12 cycles;
9. Recording the total weight loss of samples afterwards.

Different type of cement stabilised soils should have maximum allowable weight loss according to Table 2.4 or Table 2.5. These following criteria have been based on performance of many projects in service and their laboratory tests.

Table 2.4 The allowed limits for weigh losses in wet/dry and freeze/thaw tests (Portland Cement Association (PCA), 1992)

AASHTO soil group	Unified Soil Group	Maximum Allowable Weight Loss, percent
A-1	GW,GP,GM,SW,SP,SM,GM,GP,SM,SP	14
A-2-4	GM,GC,SM,SC	
A-2-5	GM,GC,SM,SC	
A-3	SP	
A-2-6	GM,GC,SM,SC	10
A-2-7	GM,GC,SM,SC	
A-4	CL,ML	
A-5	ML,MH,CH	
A-6	CL,CH	7
A-7	OH,MH,CH	

Note: The criterion of a maximum 2% volume change during this test was not replicated in the latest revision of the PCA handbook.

Table 2.5 Durability requirements (The United States Army Corps of Engineers (USACE), 1984)

Type of Stabilised Soils	**Max Weight Loss after 12 Wet/Dry Cycles (%)**
Granular, PI<10	11
Granular, PI>10	8
Silt	8
Clays	6

After years of experience, recent findings have showed that there are several problems with this method (Sampson & Green, 1990)

- Poor repeatability, reproducibility or precision limits of the test results due to susceptibility of the brushing procedure to operator differences.
- Inconsistency of compaction procedure for laboratory and field samples, especially in the case of a coarse grain base course material.

The durability samples need to be compacted in 102 mm diameter moulds according to standard Proctor compaction, while field compactions may be

based on a modified Proctor compaction in large 152- mm moulds ease of compaction. Thus, stronger and more durable materials can be expected from the field than under laboratory condition.

This test can take many weeks to complete, so design guides or codes try to correlate the UCS test results to the wet/dry test for quicker and easier estimation of durability. Table 2.4 and Figure 2.6 show some of correlation results.

2.5.2 Unconfined Compression Strength (UCS)

Currently, some design guides such as USACE recommend adhering to UCS_{7days} =5.1 MPa requirements instead of limits obtained by wet/dry tests (Adaska et al., 1997). This is probably because of the variability of wet/dry test results or the time required carrying them out. According to Figure 2.6, a UCS_{7days} of 4.1 MPa (600 psi) seems to be adequate for the durability of CRB material but it would be outside of the structural design requirements.

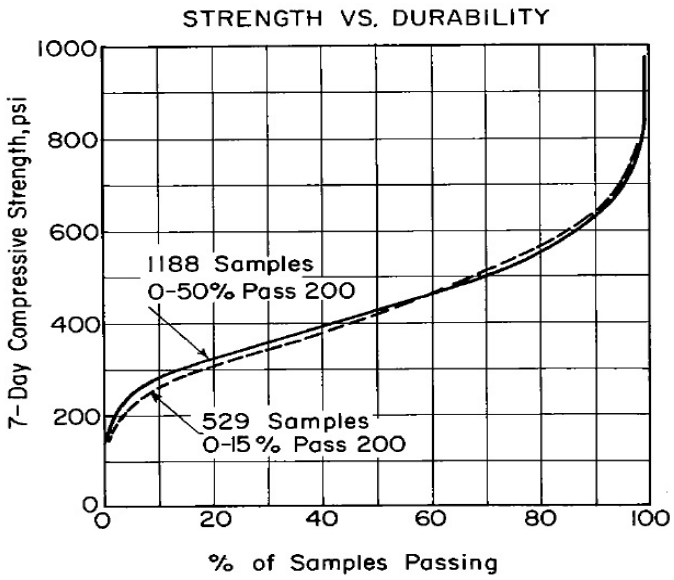


Figure 2.6 Relationship between strength and durability (Portland Cement Association (PCA), 1992)

However the correlation between UCS and wet/dry durability tests seem to be poor in the case of coarse base course materials and carbonation concerns (Sampson & Green, 1990). As such, the latest recommendations make a correlation between the residual UCS and weight loss after wet/dry

cycles. The residual UCS is the saturated strength of an unbrushed sample in the wet/dry cycle test (Shihata & Baghdadi, 2001).

2.5.3 Initial Consumption of Lime (ICL) or Initial Consumption of Cement (ICC)

Initial consumption of lime (ICL) or initial consumption of cement (ICC) tests give the lime or cement demand for each material considered for stabilisation. Experience shows that cementation occurs or is maintained only when the pH of the mix is higher than 12.0 (Sampson & Green, 1990).

In practice, at least an additional 1% of stabiliser more than the ICL or ICC is recommended to be used, provided the design strength is attained. This amount of binder can offset the suggestion of an additional 0.5 to 1% to allow for the variability existing in the spreading and mixing stages (Paige-Green, 2008).

2.5.4 Tube Suction Test (TST)

The durability or strength of a material is considered to be highly influenced by its water absorption capability. Water in soil affects the radar wave radiation which is the basis for using the Ground Penetration Radar (GPR) technique in earth science. This non-destructive method was adopted and developed in 1997 as the Tube Suction Test (TST) method for assessing the moisture susceptibility of granular base materials (Barbu & Scullion, 2005).

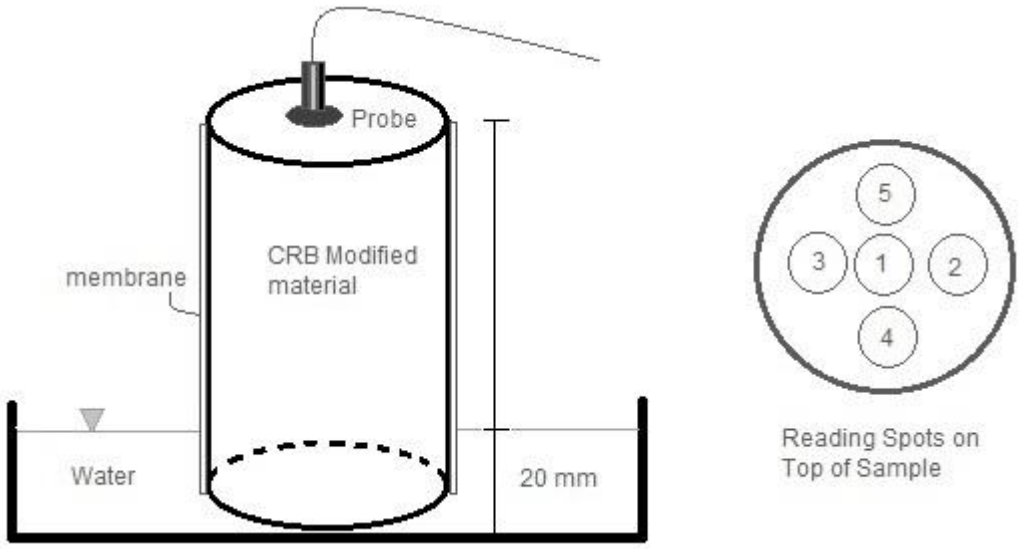


Figure 2.7 Schematic of TST tests details

The basis for the ranking of moisture susceptibility is the mean surface Dielectric Values (DV) as indicated in Table 2.6. The Adek Percometer is employed to measure the DV on top of compacted specimens that have been cured for 10 days and subjected to capillary water soaking in laboratory. Figure 2.7 shows the details of test set up.

Table 2.6 The classification of TST results

Dielectric Value	Quality Classification
<10	Good
10-16	Marginal (questionable)
>16	Poor

2.5.5 Shrinkage (Length Changes)

Length change is a method that Packard (1962) recommended for durability studies based on the acceptable correlations of this method with the wet/dry method. The drying of cement stabilised materials is always associated with cracking due to shrinkage. Despite the existence of methods for shrinkage testing of soils or concrete, there is no similar standard test method for stabilised soils (Chakrabarti & Kodikara. Jayantha, 2004). Hence, most of the research in this regards follows concrete testing methods such as AS 1012.13 (5) by using 75 mm (wide) x 75 mm (high) x 280 mm (long) beam samples. The important points of shrinkage tests are:

- The limitation for the ratio of mould/aggregate should be taken into account in the mould;
- The shrinkage measurements must be in parallel with the compaction layers in order to reflect field conditions.

As described, the majority of durability tests focus on the effect of water movement on material as a physical factor. Although the physical changes are a part of durability studies, further understanding of CO_2 effects or carbonation issues is necessary to achieve all of the aims of this research. The carbonation test is therefore explained first, before further discussion of carbonation.

2.5.6 Carbonation Test

The test method as set out in test method WA 620.1 – 2012 is a quick way of detecting the carbonation or alkaline status of cement or lime added soils as shown in Figure 2.8 and Figure 2.9. Cement paste often has a pH of about 13 which drops to 8.5 in the event of carbonation. With regard to this, the pH of a material is examined by spraying 0.5% phenolphthalein or 0.4% phenol red reagents over a fresh surface of the material. The phenolphthalein solution remains colourless when the pH is less than 8.3 but turns red when the pH is over 10. Similarly, phenol red solution is yellow when the pH is less than 6.8 but turns red when the pH is over 8.4. At the end of the test, the presence of calcium carbonate can also be confirmed by the effervescence of dilute HCl (5N).

Figure 2.8 Carbonation test results in a hole of noncarbonated material

Figure 2.9 Poor results of carbonation test

2.6 Carbonation Model

Increasing the durability of soil cement or cement modified materials requires a greater understanding of the effects of relevant parameters such as mix composition, CO_2 concentration and porosity. Experimental carbonation models in concrete technology use these parameters for the prediction of carbonation rate during the service life of structures. In spite of the existence of some records for carbonation rates in soil cemented material, it seems that there has not been a serious attempt to develop a model for carbonation. As such, referring to similar studies in concrete technology might be beneficial in adapting the available models for modified CRB materials.

In concrete structures, a thin concrete cover layer over reinforcement serves as a protective layer which resists the penetration of the carbonation front during the service life of structures. The depth of this cover layer can be determined based on empirical relationships such as Equation (2.3) suggested in 1928 by Uchida and Hamada (cited in Richardson 2004)

$$x = \frac{w_o - 0.3}{\sqrt{0.3(1 + 3w_o)}}\sqrt{t} \qquad (2.3)$$

Where w_0 is the water/cement ratio. This kind of empirical relationship is provided by gathering many observations and considering varying environmental classes (like urban, coastal) and exposures (such as external and internal) for different concrete structures.

Similar empirical models have their limitations for the prediction of cover performance when assumed conditions change under other circumstances. Thus, several researchers have tried to provide other approaches for carbonation modelling (Richardson, 2004).

In one of the latest attempts, Papadakis et al. (1990) developed and completed a mathematical model for the physicochemical processes in the carbonation of concrete based on reaction engineering principles. The model assumes the mass conservation of carbon dioxide diffused and chemically

reacted with the cement hydration product. In this model, Fick's first law governs the physical diffusion of carbon dioxide as shown in Figure 2.10.

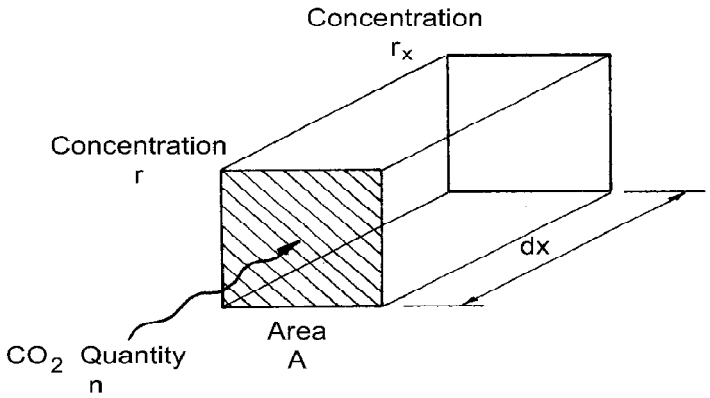


Figure 2.10 Parameters in a mathematical model of carbonation rate (Richardson, 2004)

$$dn = -DA\frac{|r - r_x|}{x}\,dt \tag{2.4}$$

On the other hand, the chemical process can be described as:

$$dn = c.A.d_x \tag{2.5}$$

The parameters used can be listed as:

n =quantity of carbon dioxide diffusing through the element (kg),

D = diffusion coefficient (m^2/s), *A* = area (m^2), *t* = time (s)

r, r_x = concentration of CO_2 at surface and depth x (kg/m^3)

c = amount of alkaline material in unit volume of concrete (kg/m^3)

Hence, equating the carbon differentials from equations (2.4) and (2.5):

$$cAd_x = DA\frac{|r - r_x|}{x}\,dt \tag{2.6}$$

$$xd_x = D\frac{|r - r_x|}{c}\,dt \tag{2.7}$$

If a CO_2 concentration of zero is assumed at the depth of carbonation, the integration will result in:

$$x = \sqrt{\frac{2Drt}{c}} \tag{2.8}$$

Based on chemical reaction engineering and in order to estimate the carbonation rate , relationship (2.8) can be rewritten in terms of molar concentration, considering mass conservation of carbon dioxide, calcium hydroxide and calcium silicate hydrate (Papadakis et al., 1991)

$$x = K_c \sqrt{t} \tag{2.9}$$

$$K_c = \left(\sqrt{\frac{2[CO_2].\ D_e.CO_2}{[Ca(OH)_2] + 3[CSH]}} \right) \tag{2.10}$$

Where $[CO_2]$ = molar concentration of carbon dioxide (mol/m^3)

$[Ca(OH)_2]$ = molar concentration of calcium hydroxide (mol/m^3)

[CSH] = molar concentration of calcium silicate hydrate (mol/m^3)

Kc = Carbonation constant (m/$s^{0.5}$)

2.6.1 Effect of Hydration Products

Calcium hydroxide ($Ca(OH)_2$) and calcium silicate hydrate (CSH) as the products of hydration and of pozzolanic reactions play important roles in carbonation. The quantitative evaluation of the carbonation reactions requires the concentration of each constituent indicated in relationship (2.10) during hydration as follows:

$$2C_3S+6H= C_3S_2H_3+3CH \tag{2.11}$$

$$2C_2S+4H = C_3S_2H+CH \tag{2.12}$$

$$C_4AF+2CH+2CSH_2+18H = C_8AFS_2H_{24} \tag{2.13}$$

$$C_3A+CSH_2+10H = C_4ASH_{12} \tag{2.14}$$

Where the notations for each symbol are as follows :

C: CaO, S: SiO_2, A: Al_2O_3,

F: Fe_2O_3, H: H_2O, S: SO_3,

C_3S: $3CaO.SiO_2$, CH: $Ca(OH)_2$,

$C_3S_2H_3$ or CSH: $3CaO.2SiO_2.3H_2O$

The pozzolanic activities or the reactions of the pozzolanic oxides with Ca(OH)2 has not been studied as well as the hydration of cement (Papadakis et al., 1990). Nevertheless, the reactions describing the pozzolanic activities are proposed as follows:

$$C+H = CH \quad (2.15)$$

$$2S+3CH = C_3S_2H_3 \quad (2.16)$$

$$A+4CH+9H = C_4AH_{13} \quad (2.17)$$

$$A+F+8CH+18H = C_8AFH_{26} \quad (2.18)$$

$$A+CSH_2+3CH+7H = C_4ASH_{12} \quad (2.19)$$

Based on the stoichiometric considerations the concentration of each constituent in terms of their corresponding masses can be obtained. The initial masses of cement and pozzolanic material are required to do so. In other words, the conversion of the above reactions to the weight fractions depends upon the dosages of all the involved materials in cement, even gypsum. For example, the masses of cement hydration products (in kg per kg cement) can be obtained as follows:

$$P_{CH}=P_{CH.C}+1.321Y_CP_{C.P} - P_{CH.P} \quad (2.20)$$

$$P_{CSH} =P_{CSH.C}+P_{CSH.P} \quad (2.21)$$

In which, the capital letters (P, Y) denote weight and active fraction of oxide, respectively. The small indices ($_{.C}$ or $_{.P}$) are also symbol of cement and pozzolans. The above relationships are simplified in concrete for total molar concentration of hydration constituent k (mol of kg/m^3) according to the following expression.

$$[k] = \frac{\rho_c(1-\varepsilon_{air})}{MW_k\left(1+\frac{w}{c}\frac{\rho_c}{\rho_w}+\frac{a}{c}\frac{\rho_c}{\rho_a}\right)} \quad (2.22)$$

Where MW_k is the molar weight of constituent k (kg/mol), and ε_{air} is the volume fraction of entrapped or entrained air in concrete which depends on the maximum aggregate size.

Richardson (2004) worked out more of the above expressions, which are beyond the scope of this work, to the formula below:

$$[Ca(OH)_2] + 3[CSH] = \frac{33000}{\left(1 + \frac{w}{c}\frac{\rho_c}{\rho_w} + \frac{a}{c}\frac{\rho_c}{\rho_a}\right)} \qquad (2.23)$$

In which, w/c and a/c are water to cement and aggregate to cement ratio, respectively, ρ_c, ρ_w, ρ_a are the mass density of cement, water and aggregates in concrete, respectively (kg/m3),

The key assumptions for equation (2.23) are:

- Hygrothermal equilibrium (determination of water distribution in pores from ambient relative humidity and temperature)
- Complete cement hydration and any pozzolanic activities in concrete.

The remaining parameters in relation (2.10) are the diffusion coefficient and carbon dioxide concentrations.

2.6.2 Diffusivity and Concentration of Co_2

The effective diffusivity of CO_2 in cementitious material is a function of pore-size distribution, total porosity and the degree of saturation by water. It was found that the diffusivity of CO_2 could be effectively correlated with the porosity of hardened cement paste and ambient relative humidity using a Wicke-Kallenbach type of apparatus (Papadakis et al., 1990)

$$D_e.CO_2 = (1.64E-06)\varepsilon_p{}^{1.8}\left[1 - \frac{RH}{100}\right]^{2.2} \qquad (2.244)$$

In which ε_p, RH are the porosity of hardened cement paste and relative humidity. Porosity ε_p is given by expression below:

$$\varepsilon_p = \left(\frac{\rho_c}{\rho_w}\right)\left(\frac{\frac{w}{c} - 0.3}{1 + \frac{w}{c}\frac{\rho_c}{\rho_w}}\right) \quad (2.255)$$

The quantity of CO_2 in the atmosphere is about 360 ppm, which can be converted to molar concentration (mol/m^3) through [CO_2] =42 $y_{CO2,}$ where y_{CO2} is ambient carbon dioxide content by volume (0.03-0.05%).

2.6.3 Verification of Model

Papadakis et al. (1990) verified the accuracy of equation (2.9) and the stoichiometric based relations in equation (2.23) to equation (2.25) under laboratory conditions. To do so, sand cement samples were prepared using ordinary Portland cement (OPC) (Type-I), with a water to cement ratio (R w/c) between 0.5 to 0.65 and aggregate to cement ratio (R a/c) between 3 to 5.The sample types were:

- Cylindrical pellets (26 mm diameter, 10 mm thickness) for diffusion
- Beam samples (100 mm x 100 mm x 300 mm) for thermogravimetric and carbonation measurements.

Ambient air conditions contain 0.03-0.05% CO_2 which allows for slow carbonation progress over time. As such, an accelerated carbonation chamber was used to expose the samples to 50% CO_2 under controlled temperature and RH conditions. After 24 h and preparing the samples in plexiglass moulds, the moulds were stripped and cured under water at 30°C for 90 days in order to complete the hydration reactions prior to exposure to carbonation.

Then, while applying accelerated carbonation, the test was interrupted for readings six times at 1, 3, 5, 10, 15 and 20 day intervals. At each interruption, two slices 20 mm thick, one from each end, were cut perpendicular to the length of the sample in 20 mm thickness. The shortened sample was put back into the chamber and was exposed to the 50% CO_2. The freshly cut surface of each slice was cleaned and sprayed with a phenolphthalein pH indicator to measure the carbonation depth, both immediately after spraying and after 24-h. The average of all of the measurements was taken as the

carbonation depth at the time of the test interruption. The results are shown in Figures 2.11 to 2.14

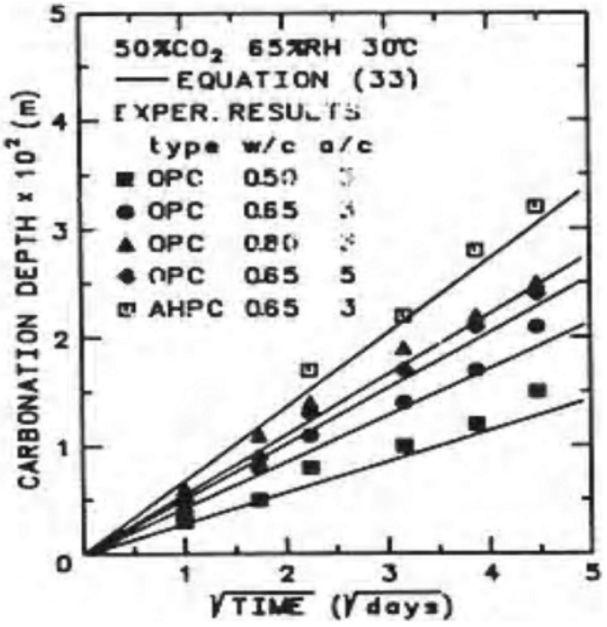


Figure 2.11 Exposure time versus carbonation depth (Papadakis et al., 1990)

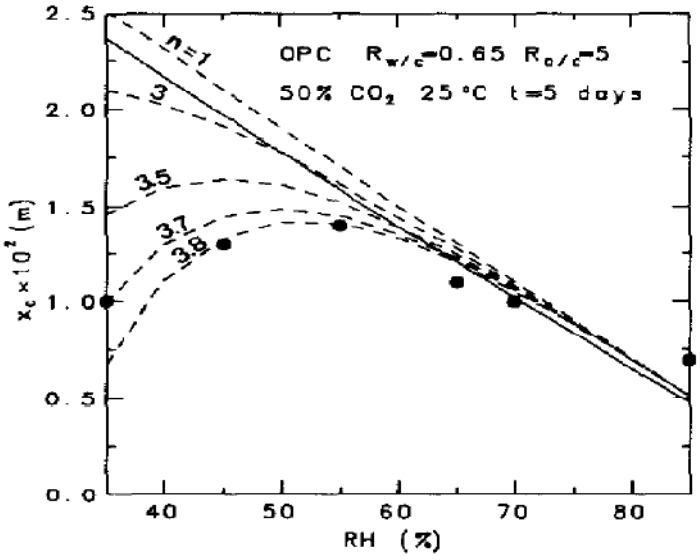
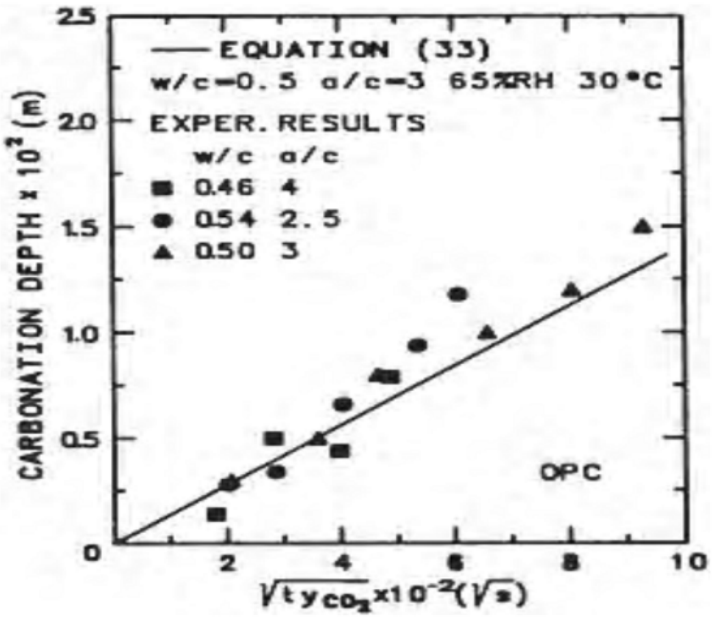
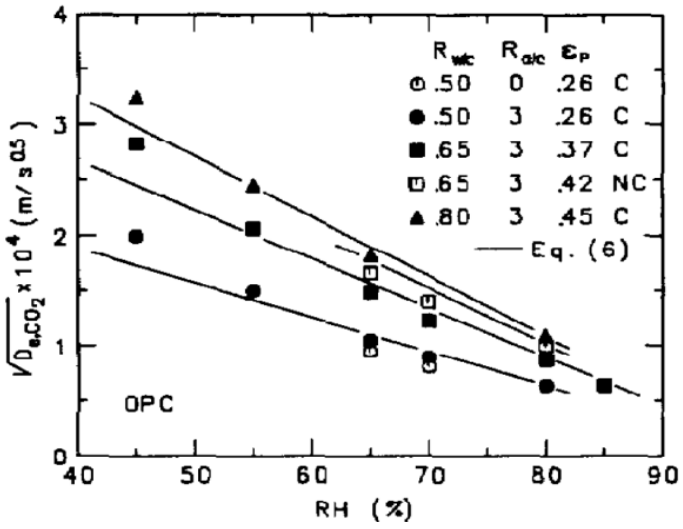


Figure 2.12 Effect of relative humidity(RH). (Papadakis et al., 1990)



Note: (■) indoor conditions, (●) 7% CO_2, 60%RH, (▲) 50% CO_2, 65% RH

Figure 2.13 Effect of various levels of CO_2 in air, and comparison with model predictions (Papadakis et al., 1990).



Note: C: carbonated; NC: non-carbonated.

Figure 2.14 Effect of ambient relative humidity (RH) on the effective diffusivity of CO_2 in concrete. (Papadakis et al., 1990)

Results of this model show

- Good agreement between the carbonation model and the experimental results;

- A method for parametric assessment of carbonation;
- High carbonation rate at a humidity of 50% to 70%.

One specific outcome of this model appears to be the similarity of cement modified or treated material and concrete with respect to their input data. In other words, this model seems to have the capacity to provide a model for carbonation in the material considered in this research.

The following chapters will further compare the results of experimental carbonation depth measurements with the model predictions.

2.7 Water Effects in Stabilisation

As noted earlier, durability issues in cement stabilisation have always been related to changes in the moisture content of material. The impact of water on cemented mixtures begins with its incorporation in cement by means of chemical reactions, and continues during service life due to variations in the in situ moisture content.

2.7.1 Hydration

The addition of water to a soil cement mixture activates the cement compounds to contribute to hydration reactions. Theoretically, hydration reactions require a low ratio of water/cement in the range of 0.25 (Czernin, 1962), but cementitious material like stabilised soil or concrete needs more water to provide sufficient workability during compaction in practice. Water activates the hydration of cement components:

$$2\,(3CaO.SiO_2) + 6H_2O = 3\,CaO.2SiO_2.3H_2O + 3\,Ca(OH)_2 \qquad (2.26)$$

$$2\,(2CaO_2.SiO_2) + 4H_2O = 3\,CaO.2SiO_2.3H_2O + Ca(OH)_2 \qquad (2.27)$$

Calcium silicates (3CaO.SiO2) in cement compounds are the main contributors to strength. Early strength during the initial seven days relates to tricalcium silicate, and later strength is mainly dependent on dicalcium silicate (2CaO2.SiO2), which reacts more slowly.

The main product of the hydration process is Silica Gel (CSH) which acts like a glue to hold the particles together. With the hardening of Silica Gel, a semi-rigid material forms that is a key factor in the durability and strength of

cemented materials. Hydration also causes heat and contraction of material as shrinkage. Heat evaporates excess water in the mixture and leaves a porous medium or pore structure of hardened cement paste.

Based on International Union Of Pure And Applied Chemistry (1975),pore structure is classified as:

Micropores: less than 25 ηm;
Mesopores: between 25 and 500 ηm;
Macropores: between 500 ηm and 50 μm.

The pore structure of cementitious pastes can be studied using mercury porosimetry, water or nitrogen adsorption tests. The limits of pore sizes distinguished by these tests are different in nano-size scales ranging from 3 ηm to 60 ηm (Diamond, 1971). The reason is that the sensitivity of gas adsorption tests is limited to hundredths of a micrometre in diameter. Similarly, mercury porosimetry has a pressure limit and cannot detect pores of less than 2 ηm.

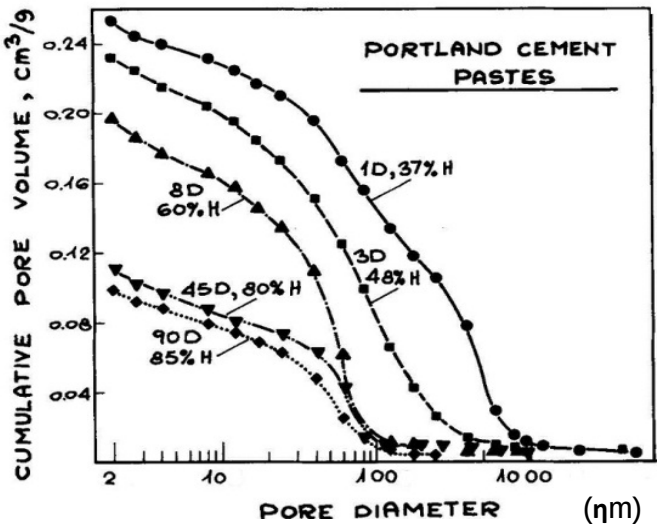


Figure 2.15 Cumulative pore-size distribution curve, determined by mercury porosimetry, Bentur (1980)

The pore size distribution in cement paste changes during hydration, which requires a long period of 90 days to be completed (Bentur, 1980). The pore size distributions of cement paste by the progress of hydration are shown in Figure 2.15. The curves show that the majority of the paste volume is filled

with pores finer than 100 ηm in diameter after only 60% hydration. This threshold in diameter is much bigger in the early stages of hydration. This means that hydration tends to make finer pores in a mixture. Furthermore, the volume of pores decreases significantly beyond 60% hydration. The volume proportion of micro to meso size pores also alters with the progress of hydration; micropore volume seems to be higher than that of mesopores in the final stages of hydration.

2.7.2 Shrinkage

Losing water during hydration always leads to the development of a porous structure for capillary or tension stress which leads to shrinkage cracks. The pores and cracks can be pathways for surface water infiltration during the service life of pavement. Some investigations into ordinary cement with a Blaine surface area of 3700 cm^2/g within a 0.4 water/cement paste showed that shrinkage is caused by pores with a size range from micropores to mesopores, i.e. between 2.5 ηm and 30 ηm in size (Bentur, 1980).

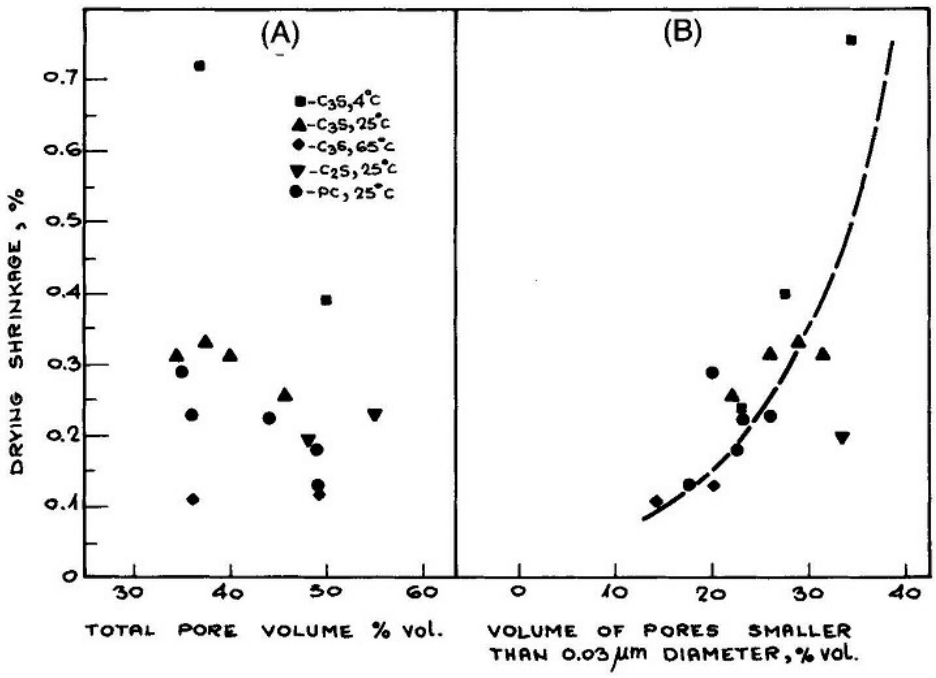


Figure 2.16 Relation of shrinkage to (A) Total porosity and (B) Volume of pores ≤0.03 μm (Bentur, 1980)

According to Figure 2.16, drying shrinkage is not correlated with total porosity as shown in part (A), but the volume of pores in part (B) is reasonably correlated with shrinkage for pores with meso to micro level sizes.

In another attempt by Chakrabarti and Kodikara (2007), the samples for Mercury Intrusion Porosimetry (MIP) measurement were taken from the broken fragments from UCS tests. The small pieces of cement paste were passed through 0.425 mm sieve before drying in an oven at about 105°C. The results of porosimetry tests at different ages of cement hydration confirm previous observations by Bentur (1980) according to Figure 2.17:

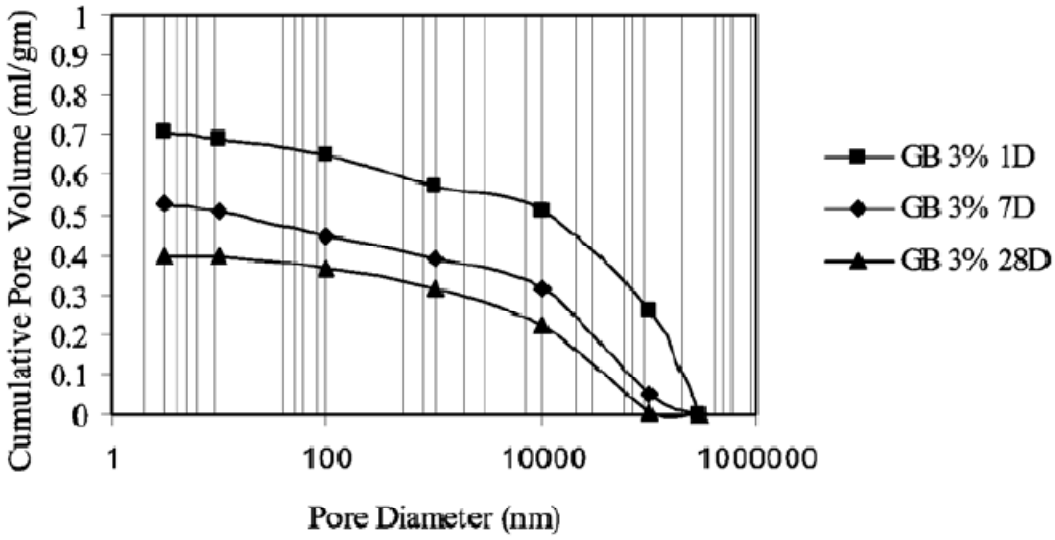


Figure 2.17 Pore size distributions in cement paste of CRB mixtures

The main difference between Figure 2.15 and Figure 2.17 is the threshold diameters for volume changes in cemented CRB which is much coarser than ordinary cement itself. In addition, the suction pressures in this measurement indicate that macropores do not develop significant capillary tension which has an important role in shrinkage as per Figure 2.18.

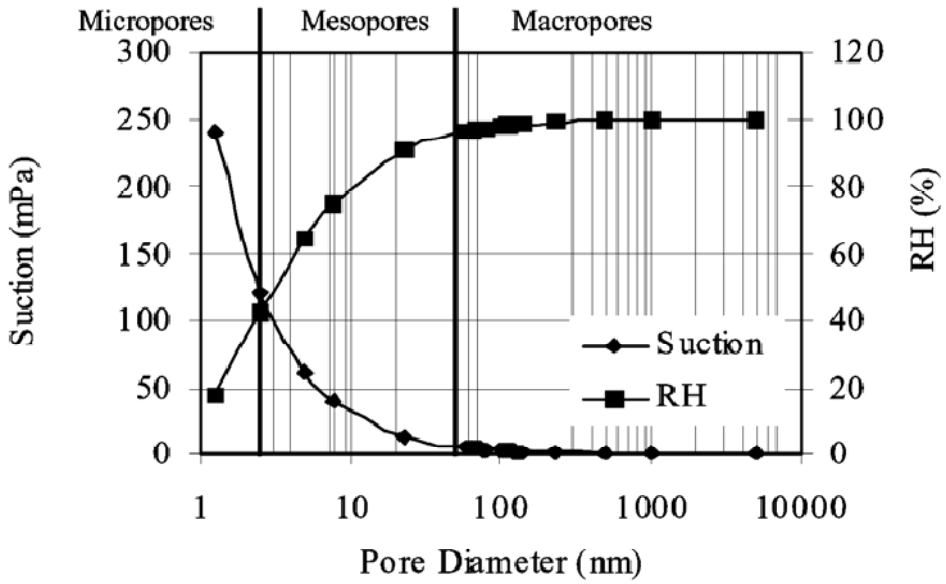


Figure 2.18 Suction vs. pore size distributions in cement paste of CRB mixtures

These observations emphasise the role of nano-sized pores, developed during cement hydration, on shrinkage cracking in soil stabilised materials. Although the water effect in terms of micro structural changes seems to be complex due to sample size limitations in the MIP test, but water effect in terms of mechanical parameter variation by moisture content change is not so complicated.

2.7.3 Resilient Modulus

Resilient Modulus (Mr) is a parameter of modified material that is important in mechanistic empirical design. It was initially introduced to characterise the elastic response of the subgrade soil material to repeated loads and to calculate the deformations of pavements (Seed et al., 1962).

This parameter takes into account the permanent deformations during repeated loads. Figure 2.19 shows the strain of specimens during this type of loading. It is clear that plastic strain decreases with the progress of load repeats. The strains tend to be nearly fully recoverable after 100 to 200 repetitions.

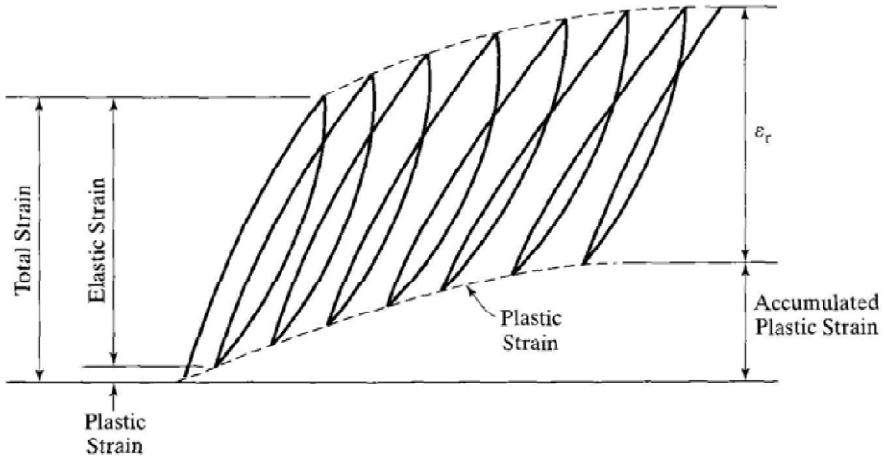


Figure 2.19 Strains under repeated loads (Huang, 2004)

Resilient modulus is defined based on recoverable strain as

$$Mr = \frac{\sigma_d}{\varepsilon_r} \qquad (2.288)$$

In which σ_d is the deviator stress in a triaxial compression test. This stress is so small that the test can be considered non-destructive (Huang, 2004). However, common model for describing the behaviour of resilient modulus at different stress levels is called K-θ model as presented in equation (2.29) after Rada and Witczak (1981):

$$Mr = K_1.P_a.\left(\frac{\theta}{P_a}\right)^{K_2} \qquad (2.29)$$

Where θ is bulk stress (kPa), Pa is atmospheric pressure (%), K_1 and K_2 constant coefficients. Like other parameters in soil mechanic, the resilient modulus of porous materials such as cement stabilised CRB material depends greatly on their moisture content. This subject is explained in the case of CRB materials in the Perth metropolitan area according to Figure 2.3. Resilient modulus showed a decreasing trend with a slope of about -150% versus the moisture ratio of unbound CRB. This change signifies the effect of a material's water content effect of material on its design parameters or performance.

Similar findings were reported by Ekblad and Isacsson (2008) in an investigation on two granular base materials with maximum particle size of 90mm, and 63mm. They used a repeated load triaxial (RLT) test set up for different material moisture conditions with 95% compaction. Figure 2.20 and Figure 2.21 show the results.

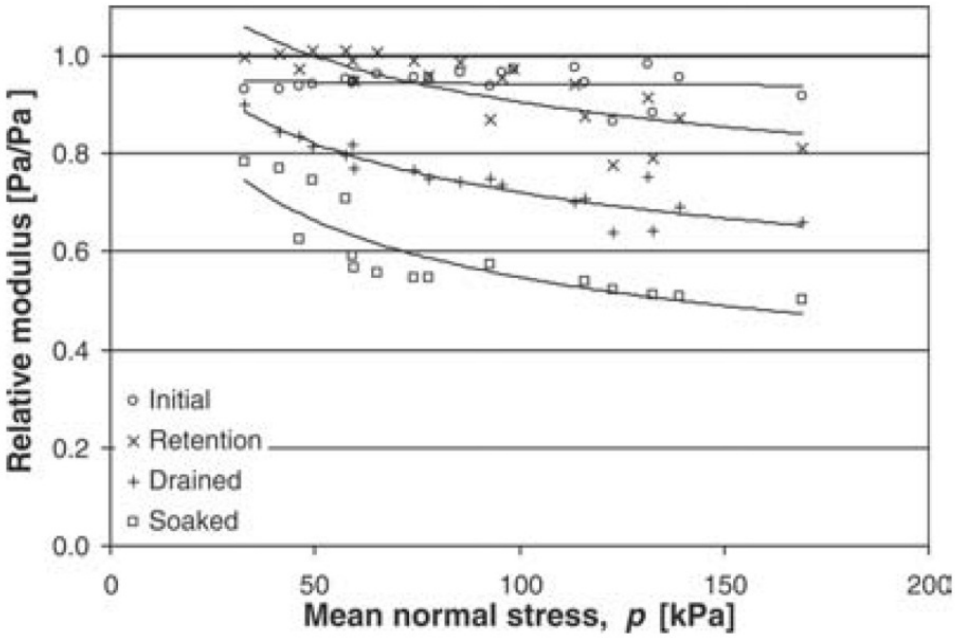


Figure 2.20 Resilient modulus relative to lowest moisture content (Ekblad & Isacsson, 2008)

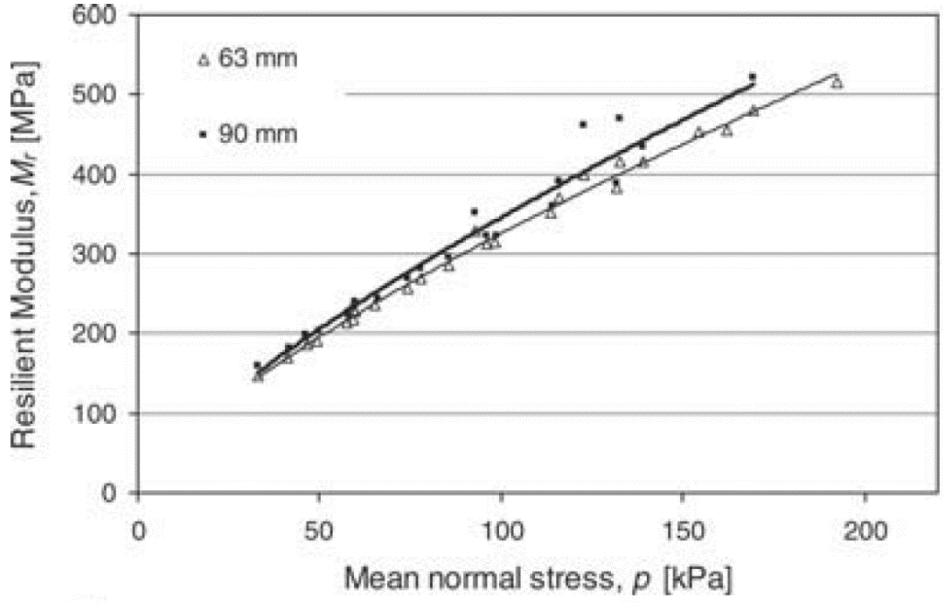


Figure 2.21 Resilient modulus at lowest moisture content (Ekblad & Isacsson, 2008)

In these figures the initial, retention and soaked moisture conditions correspond to the compaction, highest retention and saturation conditions in the test material. Thus, the adverse effect of moisture conditions on the resilient modulus highlights the importance of design moisture condition of material. Any alteration in the assumed moisture during design leads to surface defects that become are water intrusion pathways into the pavement.

Moisture diffusion or drainage in cemented CRB material during unexpected saturation can takes many weeks (Kodikara & Chakrabarti, 2005a). This period of time is sufficient for the development of destructive carbonation reactions in pavement. As such, the design moisture content of CRB material needs further study.

2.7.4 Design Moisture Content (DMC)

Stiffness or strength measurements require knowledge of the most probable in situ moisture condition of pavement, which is known as the design moisture content (DMC). This moisture content depends greatly on the pavement and the draining condition of its material.

In Engineering Road Note No.5 by Main Roads of Western Australia (MRWA) (2003), pavement drainage conditions are subdivided into four moisture design units, depending on factors such as permeability, location of the water table and external drainage status, as follows:

- Unit 1 is defined as a pavement structure not significantly affected by groundwater, stormwater, and atmospheric water or perched water.
- Unit 2 is defined as a pavement structure not significantly affected by groundwater, stormwater or atmospheric water, but significantly affected by perched water due to a permeability inversion.
- Unit 3 is defined to include pavement structures in a moisture surplus climate or that significantly affected by a high water table but does not include inundation.
- Unit 4 includes pavement structures subject to water table levels less than 0.5 m below the sub grade or inundation leading to the base and sub grade saturation.

Since most of WA has a dry climate conditions, Unit 1 (well drained) conditions often prevail in designs. This has encouraged MRWA to rely more on the level of unsaturated soil strength as a measure for the requirements of the properties in the base course material. Accordingly, MRWA Specification 501 for pavement material recommends the drying back of the compacted layers to achieve the required stiffness level at the DMC. For example, the dry back procedure should adjust the in situ moisture content to 60% of OMC as DMC for CRB material in instances of spray-sealed surface roads.

However, it should be considered that surface defects such as cracks, joints and bitumen oxidation facilitate water infiltration. Any inundation and ground water table fluctuation also brings water into the structural layers of pavements. Thus, it can be inferred that an assumption of constant moisture content for base course material has its own uncertainties that directly impact mechanical parameters. Additionally, unexpected wet/dry cycles can degrade the cementitious bonds physically or chemically.

As noted earlier, ensuring the durability of cement stabilised CRB materials may require the filling of the porous structure with cement or other supplementary materials from micro to nano-size levels. Fewer voids would be ideal for improving durability, capillary suction, shrinkage and mechanical parameters. In this regard, some limitations of cement content are discussed in order to highlight the importance of utilising pozzolanic materials such as fly ash and nano silica.

2.8 Binder Content Effect

As noted earlier with respect to durability, the lowest allowable binder content for the stabilisation of each soil type can be obtained by measuring the allowable weight losses during wet/dry cycle tests. However, it should also be noted that the obtained binder content should fulfil other design purposes like strength, and elasticity modulus while allowing the least amount of cracking.

In addition, the amount of binder, or even the decision as to whether to modify or treat (bound) material in terms of UCS value, is the choice of the pavement designer. This is highly dependent upon local experience which

helps the designer to anticipate the likely performance of a material after construction.

Generally, there is no agreed definition to clearly establish the difference between a modified and bound pavement material (Vorobieff, 2004). However, there are some technical notes and design guides in Australia, which classify stabilised materials according to their inter-particle strengths.

AustStab Technical Note No. 5 (AustStab, 2012) for cement stabilisation practices relies on the UCS_{7days} and the elasticity modulus to make the required distinctions between the binding status of particles in stabilised materials, as shown in Table 2.7. In this case, the modified or unbound materials are supposed to have no cracking compared with the lightly bound materials which might reveal negligible cracking.

Table 2.7 Typical properties of stabilised materials (AustStab, 2012)

Material Type	Layer Thickness (mm)	Design Strength (MPa)	Design Modulus (MPa)
Modified	Applicable for any thickness	UCS ≤ 1.0	≤1500
Lightly Bound	Generally ≤250 mm	UCS: 1-2 (7day strength:1-2)	1500 – 2000
Heavily Bound	Generally > 250 mm	UCS≥ 2	2000 – 20,000

Accordingly, Part 4D of the Austroads guide titled Stabilised Materials considers only the UCS_{28days} value as index for the distinction between modified and bound material, as shown in Table 2.8.

Classifying stabilised material based on these guidelines might be difficult because each uses criteria that are barely interchangeable. As such, the classification of stabilised material might be slightly different for each project throughout Australia.

Table 2.8 Types of stabilisation by Austroads (Andrews, 2006)

Category of stabilisation	Indicative laboratory strength after stabilisation	Common binders adopted	Anticipated performance attributes
Subgrade	CBR1 > 5% (subgrades and formations)	· Addition of lime · Addition of chemical binder	· Improved subgrade stiffness · Improved shear strength · Reduced heave and shrinkage
Granular	40% < CBR1 < +100% (subbase and base course)	· Blending other granular materials which are classified as binders in the context of this Guide	· Improved pavement stiffness · Improved shear strength · Improved resistance to aggregate breakdown
Modified	0.7 MPa < UCS[2] < 1.5 MPa (base course)	· Addition of small quantities of cementitious binder · Addition of lime · Addition of chemical binder	· Improved pavement stiffness · Improved shear strength · Reduced moisture sensitivity, i.e. loss of strength due to increasing moisture content · At low binder contents can be subject to erosion where cracking is present
Bound	UCS[2] > 1.5 MPa (base course)	· Addition of greater quantities of cementitious binder · Addition of a combination of cementitious and bituminous binders	· Increased pavement stiffness to provide tensile resistance · Some binders introduce transverse shrinkage cracking · At low binder contents can be subject to erosion where cracking is present

Notes:
1. Four day soaked CBR.
2. Values determined from test specimens stabilised with GP cement and prepared using standard compactive effort, normal curing for a minimum of 28 days and 4-hour soak conditioning.

In WA, previous experiences in stabilisation have resulted in more stringent terms in Engineering Road Note 9 (Main Roads of Western Australia (MRWA), 2012a) which inhibit the incorporation of cemented materials in flexible pavements unless as a subbase layer under a full depth asphalt pavement or under a HCTCRB base course layer. Moreover, the UCS_{7days} of HCTCRB or cement modified layers (with 2% LH cement) must be less than 1.0 MPa. This limit follows the MRWA policy for the restriction of tensile strength avoiding fatigue failure mechanism which was confirmed by field evaluations in WA (Cray et al., 1997).

All of the related Australian guidelines seem to address only the concept of the mechanical performance of materials in terms of fatigue or rutting distress modes. The first reason for this might be the statistics for distress modes in Australia, reported by Chakrabarti (2004) after surveying 162 councils through different states (see Figure 2.22).

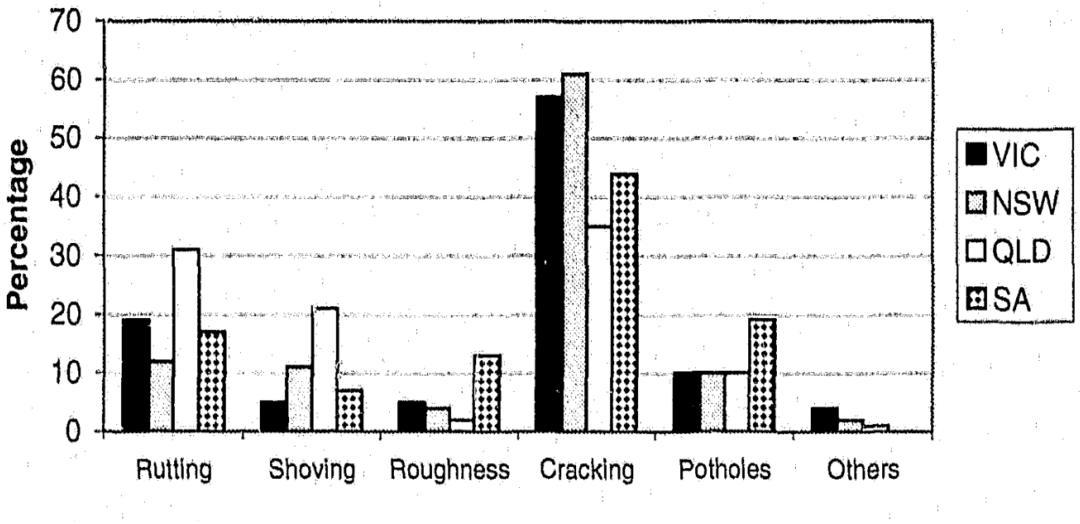


Figure 2.22 Distress modes in chemically stabilised local road pavements (Chakrabarti, 2004)

According to this Figure, all the type of cracking has taken the focus of road authorises which might have different causes like durability. This survey also showed that the application rate of GP cement is 3% in Victoria (Vic), 2.5% to 5% in Queensland (QLD), 4% to 5% in South Australia (SA), 3% to 6% in New South Wales (NSW).

The second reason might be the proximity of Australia-wide accepted cement consumption to the ranges obtained by the PCA according to durability requirements. The last reason is the lack of explicit reference to durability in design guides, unlike the PCA or ACI handbooks. However, durability of the material is important for prolonging the serviceability of pavements. Additionally, since carbonation is an issue in WA, there has been greater focus on it.

2.9 Supplementary Products

2.9.1 Fly Ash

Fly ash is the fine solid by-product of coal combustion, separated by electrostatic precipitators from the flue gases of a boiler in a power station. It does not apply to ash extracted from the bottom of a boiler according to AS 3582.1(1). Its chemical composition depends on the minerals associated with the coal. In general, anthracitic or bituminous coals give SiO_2, Al_2O_3 and Fe_2O_3 minerals with little CaO, while sub-bituminous coals or lignites give the same minerals with higher CaO (Taylor, 1997). These can be considered as pozzolans which react with calcium hydroxide to form water insoluble compounds according to AS 3582.3(3)

According to ASTM C 618-03, fly ash is categorised into three classes of C, F and N. Class C should have at least 50% of the total SiO_2, Al_2O_3 and Fe_2O_3 oxides while this proportion is 70% for the other classes. Although it is not mentioned directly in the above standard, the other commonly known difference between class C and class F is their CaO content. Class C is often recognised by its greater than 20% CaO content which provides the self-cementing characteristic of fly ash (Lamond & Pielert, 2006)

SEM images and particle-size analysis reveal that flyash has a spherical shape with particles varying in size from 1.0 to 150 μm (Ramezanianpour, 2014). The siliceous amorphous spherical particulates are the active pozzolanic portion of fly ash as depicted in Figure 2.23.

As a siliceous pozzolan, fly ash chemically reacts with the calcium hydroxide released by the hydration of Portland cement, forming additional calcium silicate hydrate or silica gel in cementitious mixtures in the presence of moisture.

$$2S + 3CH = C_3S_2H_3 \quad (2.300)$$

$$A + CSH_2 + 3CH + 7H = C_4ASH_{12} \quad (2.311)$$

$$A + 4CH + 9H = C4 \quad (2.322)$$

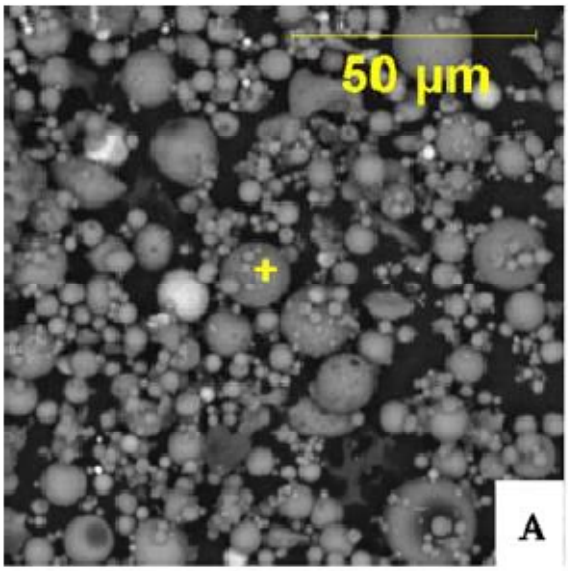


Figure 2.23 Backscattered electron (BSE) images of typical fly ash spheres by Kutchko and Kim (2006)

Cementitious products containing fly ash are denser, stronger and generally more durable in the long term compared to ordinary cement mixtures, as illustrated in Figure 2.24. Fly ash particles are mostly spherical compared to Portland cement which has solid angular particles.

In this respect, fly ash particles provide cementitious mixtures with greater workability by lowering the water requirement. Fly ash also compensates for a deficiency of fine aggregates and greatly reduces permeability. The use of fly ash may also reduce heat build-up upon hydration and reduce external cracking (Potter & Guirguis, 1996). Economically, the cost of fly ash is generally less than cement depending on haulage distance. Significant quantities may be substituted for cement in concrete mixtures to increase the long term strength and durability. Thus, the use of fly ash may impart considerable benefits to the soil cement mixture with lower cement for less cost.

In Australia, about 7.7 million ton of fly ash is produced per year and only 10% of that is used for cement production. The rest is stockpiled in compacted fills or ash ponds even though it has good potential for use in road pavements (Lav & Kenny, 1996).

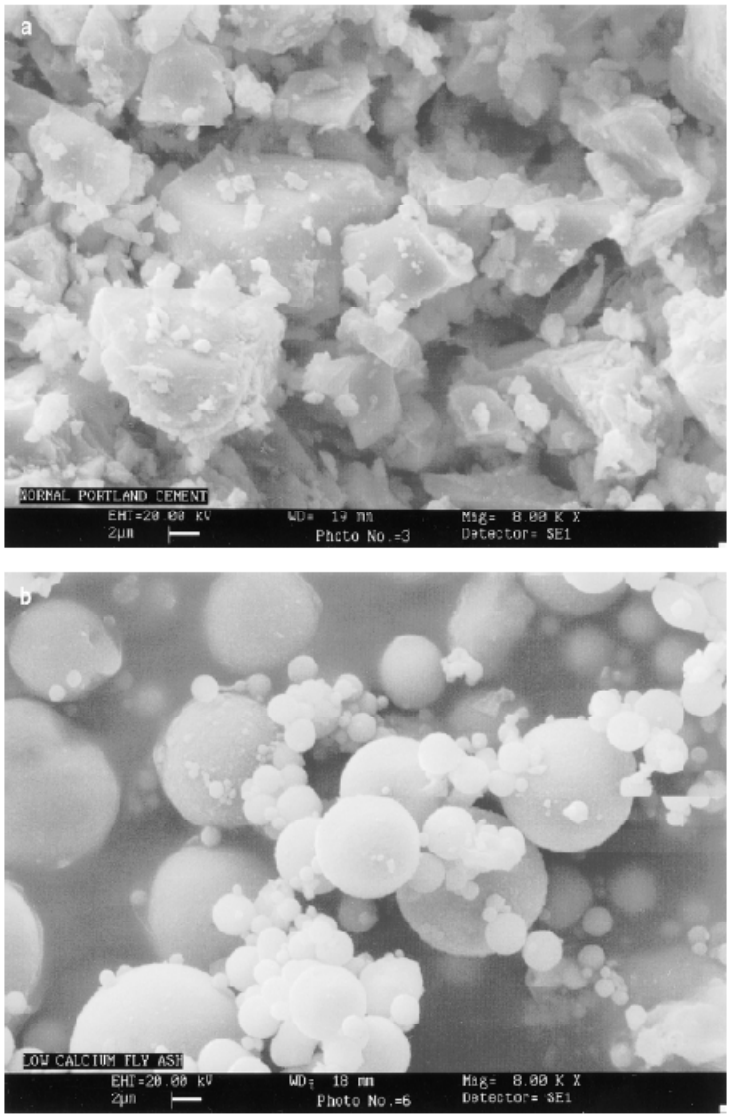


Figure 2.24 SEM micrographs (8,0003) of (a) Portland cement and (b) low-calcium fly ash.(Papadakis, 2000a)

Cement mixtures with about 90% fly ash a as a base course material were the subject of field trial road sections tested by the Accelerated Loading Facility (ALF). These sections showed a positive performance as a substitute for conventional base course material in New South Wales (NSW) in Australia (Marsh et al., 1996).

Symons and Poli (1996) carried out UCS, wet/dry durability and resilient modulus tests on 20 soils samples, chosen and taken by the Australian State Road Authorities. These samples were described as ranging from well graded clean gravels to silty or clayey sands, with 4% of binder in different types,as shown in Table 2.9.

Table 2.9 Binders compositions (Symons & Poli, 1996)

No	Binder Type	State	No	Binder Type	State
1	GP Cement: fly ash (70/30)	SA	11	GGBF Slag:Lime (80/20)	WA
2	GP Cement: fly ash (80/20)	SA	12	GGBF Slag:Lime (85/15)	VIC
3	GP Cement: fly ash (70/30)	WA	13	GGBF Slag:Lime (85/15)	NSW
4	GP Cement: fly ash (70/30)	QLD	14	GGBF Slag:Lime (50/50)	VIC
5	GP Cement: fly ash (70/30)	VIC	15	GP Cement	SA
6	GP Cement: fly ash (70/30)	NSW	16	GP Cement	WA
7	GP Cement:GGBF slag (40/60)	WA	17	GP Cement	QLD
8	GP Cement:GGBF slag (40/60)	QLD	18	GP Cement	VIC
9	GP Cement:GGBF slag (40/60)	VIC	19	GP Cement	TAS
10	GP Cement:GGBF slag (40/60)	NSW	20	Fly ash: HE cement:lime (50/30/20)	NSW

The results of the wet/dry durability tests showed that weight loss fell mainly between 3.8% and 14.3 % very close to the weight loss allowed by PCA of less than 14%. The other test results for the mixtures including cement were UCS varying from 1.6 to 3.0 MPa for 7days samples and from 2.1 to 3.4 MPa for 28 days samples. The resilient moduli also ranged from 1500 MPa to 8200 MPa for the 28 day samples.

Although the effects of fly ash on above results was not reported but these results are sufficient encouragement for the use of fly ash in this research.

As noted earlier, cementitious mixtures have nano-size pores or voids that support the idea of using nano products for the purpose of filling pores in cement stabilisation.

2.9.2 NanoParticles

As per ASTM E2456- 06(2012), nanotechnology measures, manipulates or incorporates materials and/or features with at least one dimension between approximately 1 and 100 nano meters (ηm). In other definition by BSI, PAS71

nanoparticles are able to make changes at the molecular level that modify the macro level characteristics of materials.

Nanotechnology can potentially be utilised in pavement engineering to improve the required specifications for perpetual structures (Steyn, 2009). The products of nano technology can support pavements according to the sustainability criteria noted by Uzarowski and Moore (2008):

- Reducing energy consumption and greenhouse gas emissions
- Limiting pollution (air, water, earth and noise) and the use of natural resources;
- Improving user comfort while ensuring health, safety, and risk prevention.

Nanoparticles are known for their outstanding influence on the strength, durability, microstructure and performance of cement based materials. They exhibit the following features as their general benefits Sobolev et al. (2006):

- Increasing the viscosity of the liquid phase helping the suspension of cement grains and aggregates;
- Filling the voids to immobilise the fill water (filler effect);
- Being centres of crystallisation of cement hydrates;
- Forming small-sized lime crystals or clusters of CSH;
- Forming additional CSH by the participation of nano silica in the pozzolanic reactions;
- Improving the structure of the contact zone of paste with aggregate;
- Interlocking or crack arrest effects between the slip planes to improve the toughness, shear, tensile and flexural strengths.

The above benefits or the physical and chemical interest of nanoparticles emanates from the high surface area to volume ratio of nano-sized grains, cylinders or plates. In civil construction, nanoparticles such as Silica (SiO_2), titanium dioxide (TiO_2) and carbon nanotubes (CNT) have several applications. As such, it is useful to further explain the features of each of the most common types of nanoparticles.

2.9.2.1 *Nano Silica (SiO_2)*

Nano silica is currently a normal ingredient of conventional concrete. It improves particle packing and densifies the structure of concrete from the micro to nano scale resulting in improved mechanical properties. It also can control the degradation of the silica gel(CSH), caused by calcium leaching in water and therefore lead to the durability, segregation resistance and self-compacting improvement of concrete (Mann, 2006).

Nano silica has more than 98 % SiO_2 with spherical particles between 5 ηm and 100 ηm in size. It is similar to other pozzolanic additives but with higher fineness and purity, according to Figure 2.25 and Figure 2.26.

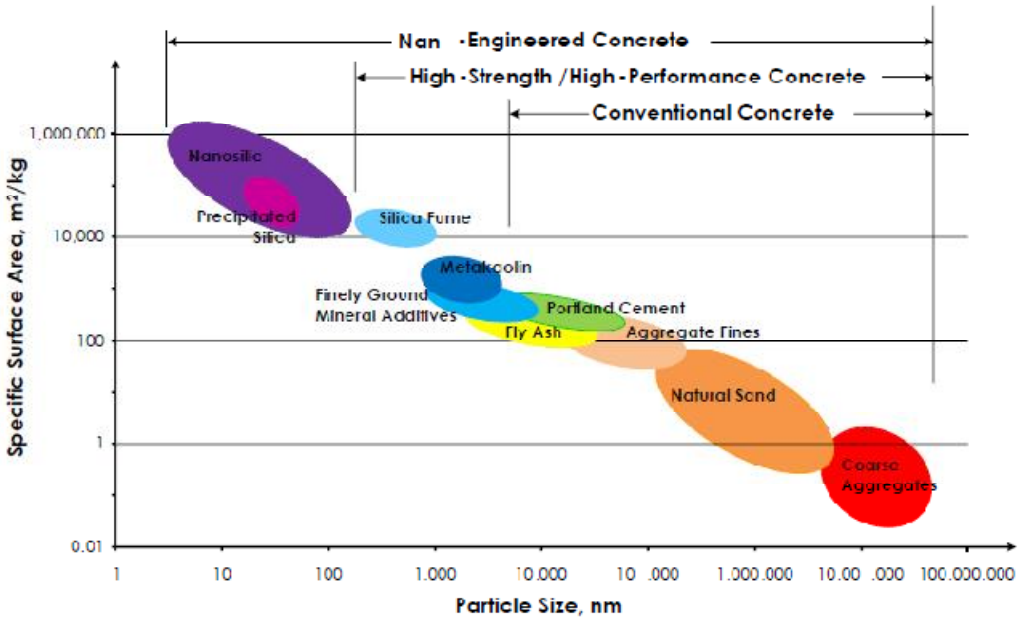


Figure 2.25 Particle size versus specific surface area of cementitious mixtures (Sobolev et al., 2006)

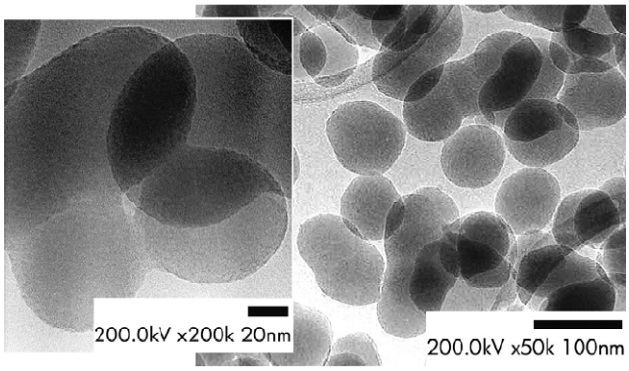


Figure 2.26 Spherical nano silica particles imaged by TEM (Sanchez & Sobolev, 2010)

Nano silica can significantly improve the pozzolanic activity of high-volume fly ash concrete. Its incorporation leads to an increase in both early age and ultimate strength. Nano silica added concrete had a three day strength of up to 81% higher compared with ordinary concrete (Sobolev et al., 2006). In a study by Shih et al. (2006), a mix proportion of cement: water: nano silica equal to 1:0.55:0.006 showed the highest compressive strength of 65.62 MPa at an age of 56 days across four ages and five sets of mix proportions. In comparison with a pure cement paste, the maximum strength observations were for an increase of about 60.6% at an age of 14 days and a reduction of 43.8% at an age of 56 days. Microstructural changes investigated by the MIP technique in Figure 2.27 also revealed that nano silica increases the pore volume and decreases the fractal dimension for pore sizes smaller than 10 ηm, with the opposite trend for pore sizes larger than 10 ηm.

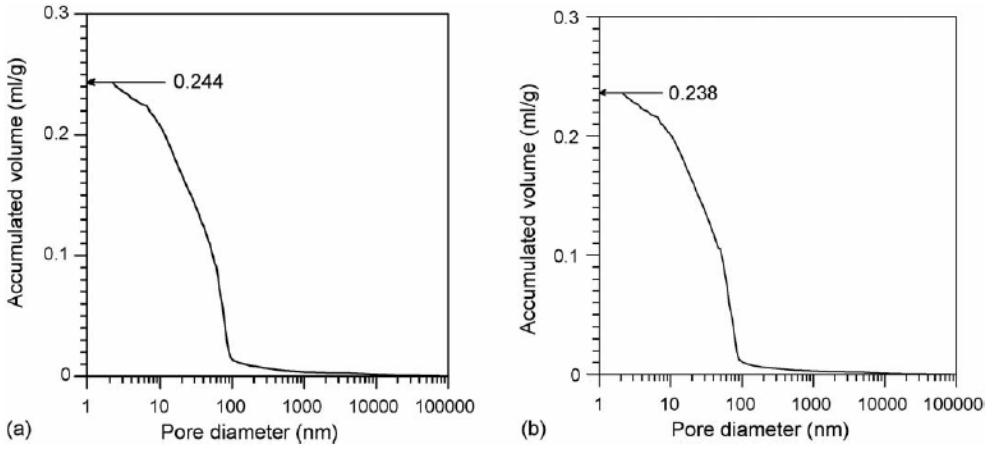


Figure 2.27 Accumulated MIP pore volume of hardened Portland cement composite: (a) without NS and (b) with NS(Shih et al., 2006)

2.9.2.2 Nano Titania (TiO_2)

Nano TiO_2 particles are almost chemically stable, transparent, light and weather resistant, and are used for wear and scratch resistant hard surface coatings with paints, cement and other construction materials. The ultrasonic mixing of nano titania with cement can retard the hydration reaction by reducing the maximum generated heat during hydration (Makar, 2011).

2.9.2.3 Carbon Nano Tubes (CNTs)

Carbon nanotubes are like graphene sheets rolled into a cylinder with a specific alignment of hexagonal rings and hemifullerenes attached to the tips (Bhushan, 2007). They are cylindrical in nature with high hardness similar to diamond. CNTs develop 50 to 150 fold tensile strength in composite reinforced structures, compared with conventional steel reinforced structures. They have different types of structure, namely: single walled carbon nanotubes (SWCNTs), double walled carbon nanotubes (DWNTs), multi walled carbon nanotube (MWNTs), thin walled carbon nano tube (TWNTs), short carbon nano tubes(short CNTs). The MWNTs show the best improvement both in compressive strength and flexural strength compared to reference samples without reinforcement (Mann, 2006). Concretes with added CNTs can compete with typical steel or polypropylene Fibre Reinforced Concretes (FRC). Both are capable of limiting drying shrinkage cracks and improving impact or abrasion resistance while lowering the permeability of concrete.

2.9.2.4 Nano Alumina (Al_2O_3)

These particles are useful in industrial coatings due to their scratch and abrasion resistant properties. Alumina from fly ash enters hydration as Aluminum hydroxide $Al(OH)_3$ which acts like a bridging molecule between silicate chains (Steyn, 2011).

Nano alumina can increase the elastic modulus of cementitious material, improve corrosion resistance and increase resistance to rapid thermal changes. In an investigation by Z. Li et al. (2006), the effect of nano alumina on elastic modulus and compressive strength was promising. Cylindrical specimens with dimensions of 20mm * 40 mm were cured for three days, seven days and 28 days. The elastic modulus increased by 143% at 28 days with 5% nano alumina. Similarly, 7% nano alumina increased the compressive strength by about 30% at seven days. However, nano alumina particles can render large pores in low dense structures when added to ordinary Portland cement (OPC) as shown in Figure 2.28.

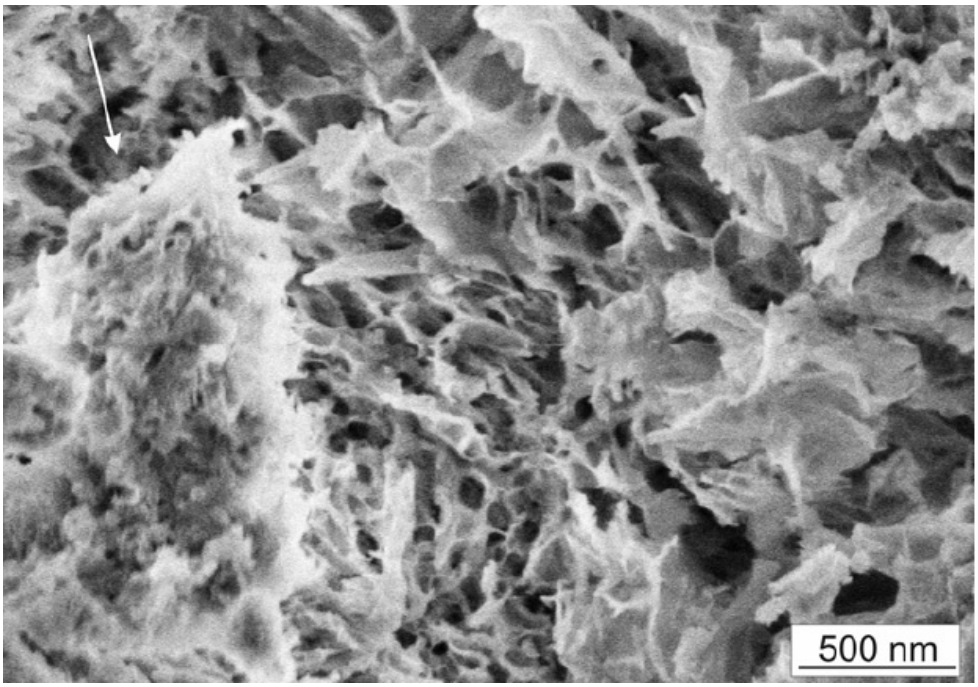


Figure 2.28 Typical surface texture of OPC with 2% nano alumina at 7-days hydration (Makar, 2011)

2.9.2.5 Nano Phosphor

The illumination feature of these nanoparticles was evaluated by the Council for Scientific and Industrial Research (CSIR) for rural areas in Africa to enhance road safety. Nano phosphors in traditional materials such as concrete and bitumen enable them to luminesce after exposure to light (Steyn, 2011).

2.9.3 Durability Purpose NanoParticles

The literature regarding the benefits of nanoparticles for the durability of pavement materials is limited. The focus here, therefore, is to evaluate the effect of the nanoparticles most likely to be best at mitigating carbonation or wet/dry cycle loss issues. Some case studies relevant to durability concerns are as follows.

In 2004, FHWA started a two year research project which involved understanding the micro and nano structure of CSH gel in pavements. This research was based on tools such as Atomic Force Microscopy (AFM) for high resolution probing and nano indentation equipment for measuring hardness and mechanical properties in small dimensions. The final results indicated that the mechanical properties of CSH gel varied widely, being 10 times softer than residual cement particles mixed with water (Surendra et al.,

2008). This finding guides attentions towards strengthening of CSH gel if the bonds of cement with aggregates are of concern for issues such as durability.

Although the physical and chemical durability of cemented material might be a little different to abrasion resistance as mechanical durability, they are similari in concept. H. Li et al. (2006) explored the effect of nano TiO_2 and nano SiO_2 on the abrasion resistance of concrete for pavement. Compressive, flexural and abrasion tests indicated that the abrasion resistance of concretes containing about 1% to 3% of each nanoparticles (by weight of cement) significantly improved by for about 86% to 173%.

Later, Zhang and Li (2011) incorporated nanoparticles (TiO_2 and SiO_2) into concrete pavements to investigate their effects on pore structure by using MIP tests and the permeability of concrete by the rapid chloride conductivity method. The test results indicated the refinement of pore structure and the enhancement of chloride resistance. Comparing these nanoparticles showed that the nano TiO_2 resulted in a finer pore structure than the same amount of nano SiO_2 in concrete.

The described and supposed mechanism was the diffusion of hydration products around uniformly dispersed nanoparticles in concrete covering them like a kernel. Sufficient content and spacing of nanoparticles controls and restricts the growth of $Ca(OH)_2$ crystals. Accordingly, they promote cement hydration due to their high activity which results in a more homogeneous and compact matrix of cement.

In another study, Salemi and Behfarnia (2013) employed nano alumina as a partial substitute for cement in concrete for pavement. Experimental compressive strength and frost resistance results showed that using 3% nano alumina (by weight of cement) improves the compressive strength and frost resistance of concrete by about 8% and 81% respectively. These variations were considerably lower in comparison with 5% nano silica, where compressive strength and frost durability increased much more, by about 30% and 83% respectively. The substitution of particles can improve compressive strength.

Jo et al. (2007) also incorporated 3% to 12% nano silica in cement mortar and described its effect and performance as:

- Filling the nano-sized pores of the cement paste;
- Reacting with free lime Ca (OH) 2 and generating additional CSH.

These characteristics of nano silica as well as other features such as providing additional CSH by pozzolanic reactions encourage further investigation into the use of this type of nano product. It may be able to contribute to the control of wet/ dry cycles, carbonation and shrinkage issues in cement modified CRB mixtures. Nano silica material may also be able to convert any free lime at risk of immediate carbonation resulting in a stronger CSH gel.

Although Yang (2012) reported an increase in shrinkage with about 1% nano silica in high cement content concrete, there is no certainty of similar behaviour for the target material here.

Concrete products have many fundamental differences to cement modified soils in terms of their texture, structure, composition, water/cement ratio and cement content. However, George (2002) expressed the benefits of pozzolanic materials such as fly ash in lowering drying shrinkage and developing desirable crack patterns in soil cement. This subject might be extended for nano silica also, requiring more research.

2.10 Conclusion

This literature review briefly showed the background of durability issues in flexible pavement. It also explained the capability of test methods, features of carbonation reactions and benefits of nanoparticles as a basis for further investigations here. It would be valuable to characterise the carbonation effects in terms of rate of progress and structural parameters. As such, nano silica beside fly ash may be able to increase the durability of cement modified CRB material against carbonation and provide the required aims of this research.

CHAPTER THREE: Experimental Program

3.1 Methodology

This chapter presents the experimental program, including four stages of laboratory investigations for the assessment of the durability of cement modified CRB material. This type of material is required to comply with Austroads design guides and MRWA notes as first and second priorities, respectively. The first stage evaluated CRB as a parent material using tests such as grading, Atterberg limits, compaction and permeability in order to verify the quality of the material. In stage two, six batches of cement and fly ash as double binder were tested for strength and durability to identify the best mix of cement with fly ash. As explained earlier, the intention with regard to fly ash was to use its pozzolanic characteristics to help make less porous or more durable cement modified CRB materials. The cement content (C) and Fly ash content (F) by dry weight of base material for each of six batches called S1 to S6 are shown in Figure 3.1.

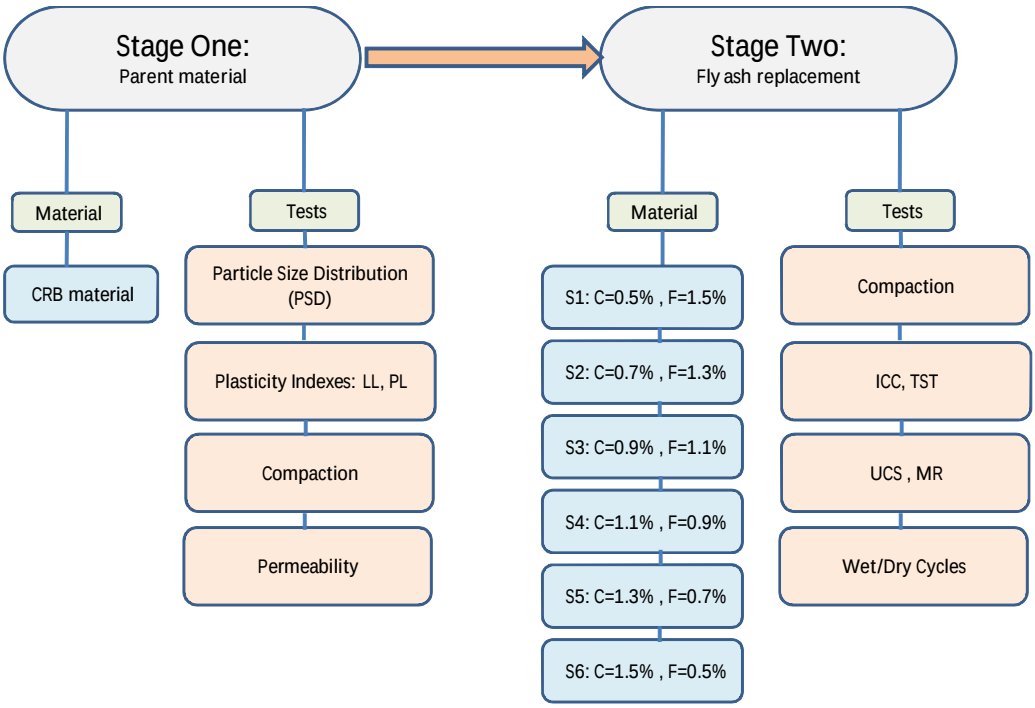


Figure 3.1 Overall diagram of initial stages for tests

In stage three, two appropriate batches were selected that met both Austroads and MRWA requirements for UCS. At this stage, three different percentages of nano silica were added to the two selected batches in order to develop new batches for evaluating variations in strength and durability.

In stage four, all of the samples prepared from the batches used in stage two and stage three were subjected to accelerated carbonation to investigate the post carbonation strength and resilient modulus. At the end of this stage, the most effective batches from stage three were considered for microstructural observations using SEM imaging. The evaluation of these images in the next chapter reveals the microstructural evolution of cementitious mixtures through both the inclusion of nano silica and carbonated conditions. Figure 3.2 shows the nanosilica content (N) by dry weight of cement for new batches and also displays more details of testing program during stage three and four.

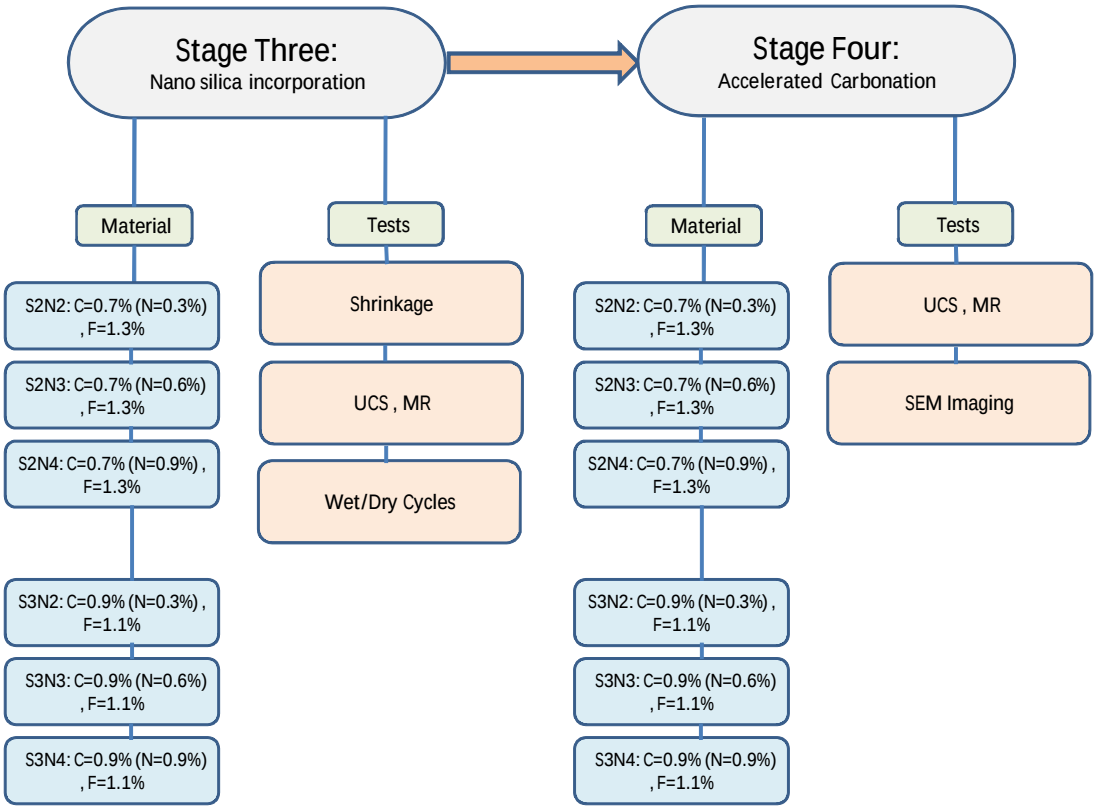


Figure 3.2 Overall diagram of further stages for tests

The raw results for all of the laboratory tests can be found in the appendix, and will be reported in summary in the following sections. However, the standards and procedures of the laboratory work need to be clarified before proceeding to assessment and discussion of the outcomes or results. The following sections therefore describe the test procedures and protocols, as well as specimen preparation.

3.2 STAGE ONE: Quality Assurance of CRB Material

The crushed rock base (CRB) material used in this program was sourced from the hard rock stockpile on Darling Scarp at Gosnells Quarry in Perth. It consists mainly of granite and dolerite type particles, which are mechanically crushed and processed. In Perth, this type of CRB material is currently more popular than the calcrete limestone called Tamala Limestone due to availability and cost. The local sources of limestone are the coastal regions from north of Geraldton to Augusta in WA (Cocks & Hillman, 2003).

3.2.1 Particle Size Distribution & Plasticity Indexes

The Particle Size Distribution (PSD) and plasticity index of CRB material must conform to MRWA Specification 501 as noted in Table 3.1. A standard sieve analysis test was performed in accordance with Australian Standard AS 1289.3.6.1-2009. The sieving was carried out in two parts for coarse grains (nominal size of 20 mm to 6 mm) and fine grains (nominal size of 6 to 2 mm).

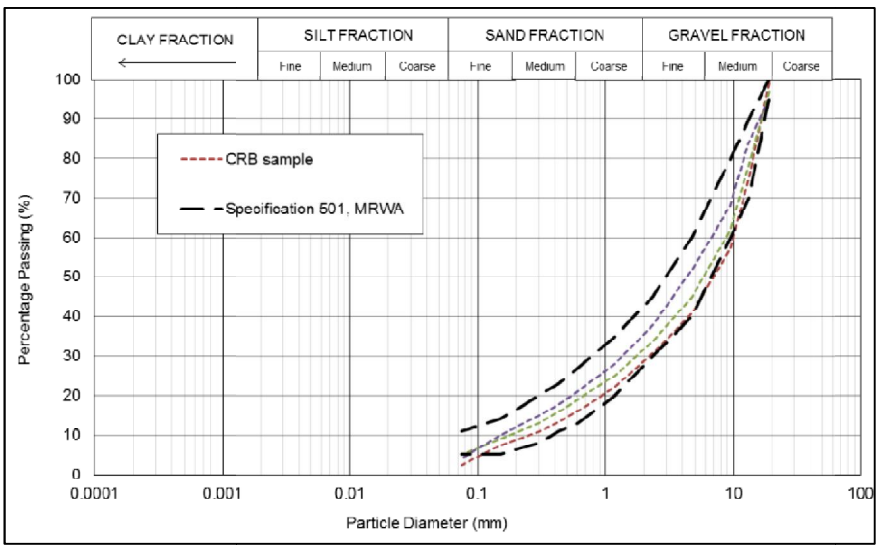


Figure 3.3 PSD of CRB materials (AS 1289.3.6.1-2009)

Table 3.1 Particle size distribution of CRB course material (Main Roads of Western Australia (MRWA), 2012b)

AS 1152 Sieve Size	% Passing by Mass	% Passing by Mass
(mm)	Target Grading	Minimum, Maximum Limits
19	100	95 – 100
13.2	82	70 – 90
9.5	70	60 – 80
4.75	50	40 – 60
2.36	38	30 – 45
1.18	25	20 – 35
0.6	19	13 – 27
0.425	17	11 – 23
0.3	13	8 – 20
0.15	10	5 – 14
0.075	8	5 – 11

Figure 3.3 summarises the results of some sieve analyses on different samples along with the suggested limits indicated in Specification 501. The PSD test results shown in this figure indicate that this type of coarse gravel soil can meet base course material standards. Other soil classification requirements such as Atterberg limits were also examined, as listed in Table 3.2.

Table 3.2 Other limits of CRB materials

Test type	**Results**	**Specification Limits**	Test Method
Liquid limit, LL	20.2%	25 %	AS 1289.3.1.2
Plastic limit, PL	18.3%	--	AS 1289.3.2.1
Plasticity Index, PI	1.9%	---	AS 1289.3.3.1
Linear shrinkage, LS	1.7%	0.4% - 2%	AS 1289.3.4.1

The results in Figure 3.3 and Table 3.2 clearly show that the CRB material used in this research meets MRWA Specification 501 for base course material.

3.2.2 Compaction

Compaction test is carried out to obtain the optimum moisture content (OMC) and maximum dry density (MDD) of the base course material for sample preparations. The test was done according to standard AS 1289.5.1.1, Maximum Dry Density, for the standard Proctor compaction procedure as suggested by Austroads, Part 4D (Andrews, 2006). In these tests, the method of using five points for different moisture contents was used to generate more precise results. The mould considered was type A with dimension of 105 mm (diameter) x 115 mm (height) which satisfied the ratio of mould diameter to maximum particle size equal to four. The tests results are shown in Figure 3.4

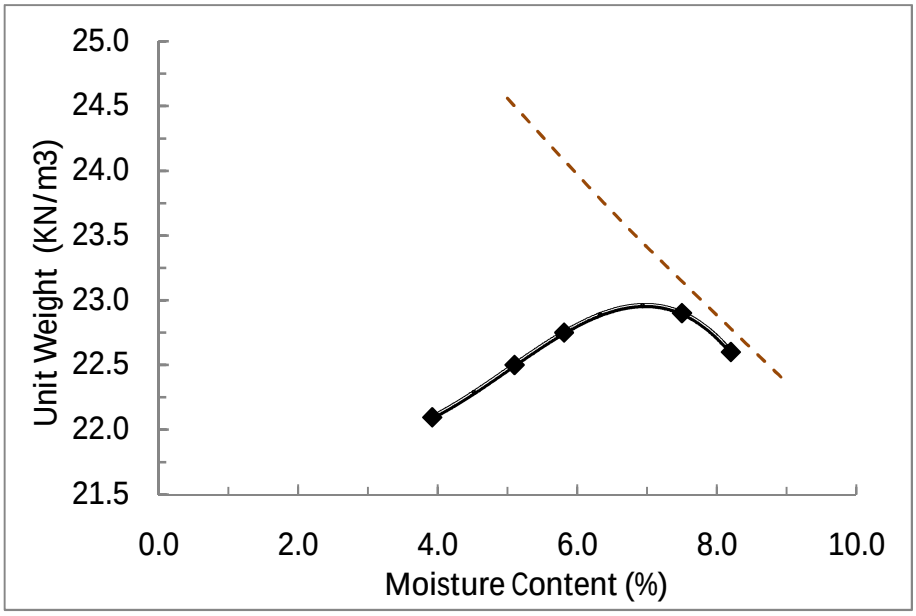


Figure 3.4 Compaction test results for CRB material

3.2.3 Permeability

Permeability tests were undertaken to measure the permeability coefficient required for the drainability evaluation of CRB materials in compacted conditions. The standard test method, AS 1289.6.7.1, was utilised which applies the constant head method for permeability measurements .The final results are presented in Table 3.3.

Table 3.3 Permeability test results for CRB material

Test No.	K (cm/s)	Hydraulic Gradient
1	1.55E-05	1.2
2	1.48E-05	1.5
3	1.24E-05	1.8
Avg	1.36E-05	-

The results obtained were generally about 1.00E-07 (m/s) within the poor drainage range of soils according to Terzaghi et al. (1996).

This demonstrates that the CRB material would not be able to drain away an unexpected water intrusion which, provides undesirable conditions for the durability or strength of cement modified material.

3.3 STAGE TWO: Initial Mixes & Fly Ash Replacement

The binder content of modified CRB should be less than 2% according to the experiences by Austroad, Part 4L (Jameson & Shackleton, 2009). As explained earlier, even a small amount of a single binder such as cement might be sufficient, depending upon the aims of soil modification. As such, six different portions of cement and fly ash with a total of 2% binder content were considered in stage two, as shown in Figure 3.1. In some batches, the fly ash content was greater than the cement content, which could serve as a filler or aggregate replacement to obtain lower porosity and diffusivity. The filling property of pozzolanic material provides higher carbonation resistance for the CRB modified mixture (Papadakis, 2000b). In this way, the greatest benefits of a binder can be mobilised in line with the design limits, while aiming towards the highest durability.

Before moving on to discuss further tests, the following section provides more details regarding the specifications of the cement and fly ash used.

3.3.1 Properties of Binder*Cement*

The cement used was packaged General Purpose (GP) cement procured from Cockburn Cement Ltd in West Australia. It has a specific gravity range from 2.5 to 3.0. Its chemical and physical properties are mentioned in Table 3.4 and Table 3.5.

Table 3.4 Chemical properties of GP cement (Cockburn Cement, 2007)

Parameter	Units	Minimum	Typical	Maximum	AS 3972 limit	Test Method
CaO	%	63.1	63.7	64.4		AS 2350.2
SiO_2	%	20.0	20.4	20.8		AS 2350.2
Al_2O_3	%	5.1	5.4	5.8		AS 2350.2
Fe_2O_3	%	2.6	2.8	3.0		AS 2350.2
MgO	%	1.1	1.3	1.5		AS 2350.2
SO_3	%	2.3	2.7	3.0	<3.5	AS 2350.2
Na_2O equivalent	%	0.4	0.5	0.6		AS 2350.2
Chloride	%	0.00	0.01	0.04	<0.10	AS 2350.2
Loss on ignition	%	1.5	2.2	2.7		AS 2350.2

Table 3.5 Physical properties of GP cement (Cockburn Cement, 2007)

Parameter	Units	Minimum	Typical	Maximum	AS 3972 limit	Test Method
Setting Time						
Initial	min	8	1	14	>45	AS 2350.4
Final	min	0	1	0	<360	AS 2350.4
Soundness	mm	0	1	3	<5	AS 2350.5
Compressive strength						
3 day	MPa	3	3	4		AS 2350.11
7 day	MPa	5	8	2	>35	AS 2350.11
28 day	MPa	4	5	5	>45	AS 2350.11
Fineness	m^2/kg	350	370	390		AS 2350.8

Comparison the typical parameters of the results with the standard limits implies that this type of cement satisfies standard specifications.

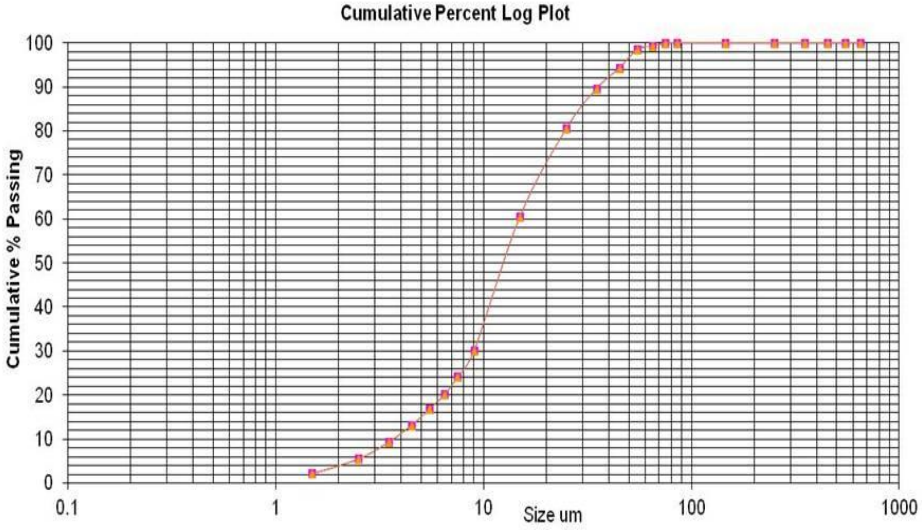


Figure 3.5 GP cement PSD by laser diffraction method (Cockburn Cement, 2013)

3.3.1.2 Fly Ash

Fly ash was sourced from Collie power station, located in the south of Perth in WA. It was a fine cream/grey powder with a low lime content. According to Quantitative X-Ray Diffraction (XQRD) and X-ray fluorescence (XRF) data provided by the producer (see Table 3.6), it has a reactive amorphous content (SiO_2) of 51.8% and secondary phases of alumina (Al_2O_3), hematite (Fe_2O_3), etc. Since CaO content is less than 20%, this fly ash does not have a self-cementing capability and requires an activator like cement.

Table 3.6 Chemical properties of fly ash

Parameter	Content (%)
$Si0_2$	51.8
Al_20_3	26.4
Fe_20_3	13.2
CaO	1.61
$Ti0_2$	1.4
P_20_5	1.39
MgO	1.17
K_20	0.68
Na_20	0.31
MnO	0.1

This table shows that fly ash is a mixture of different oxides that can influence the characteristics of cementitious mixtures, especially if the aim is to develop a carbonation model based on stoichiometric relations.

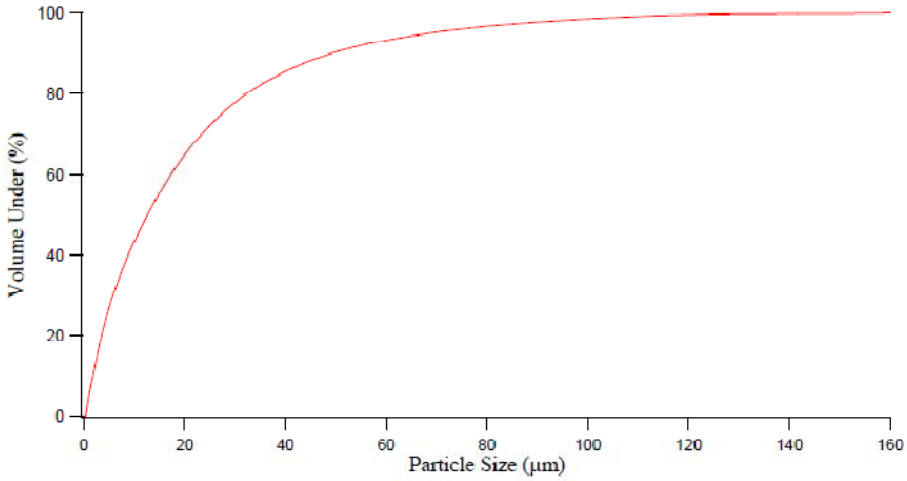


Figure 3.6 Particle size of Collie fly ash (Chen Tan, 2010)

As can be seen in Figure 3.6, about 80% of Collie fly ash is finer than 45 µm as required by ASTM C 618 and about 50% of particles are less than 11 µm in diameter.

Grading of cement or fly ash shows how coarse the binder composition is, whereas addressing shrinkage issues requires the filling of pores with nano scale products according to section 2.7.2.

3.3.2 ICC Tests

The ICL test is done according to BS 1924: part 2 (BSI, 1990), derived from the Eades and Grim method. It is used to indicate the lowest binder content required in a soil mixture to obtain an elevated pH of 12.4 after 1 hour.

There is no standard method for the ICC test, but in the absence of a standard test method, the same procedure as for ICL testing is used for the cement mixture, to identify the lowest required cement content.

For this test, a sample CRB material with a mass of about 2 kg was passed through a 19 mm sieve to remove possible oversized particles. The weight of the dry sample was reduced by riffling to obtain six subsamples each

weighing approximately 200 g. All of the subsamples were placed into 150 ml plastic beakers and then dry cement was added at proportions ranging from 0.5% to 1.5% (by dry weight of each sample).

After thorough mixing of the dry samples, water was added to each beaker until the mixes became slightly over-saturated. The mixes were left for a period of one hour, and then a small hole was made in each mix with a spatula to a depth of 20 – 30 mm, in order to insert an electrode and measure the pH of each sample (see Figure 3.7).

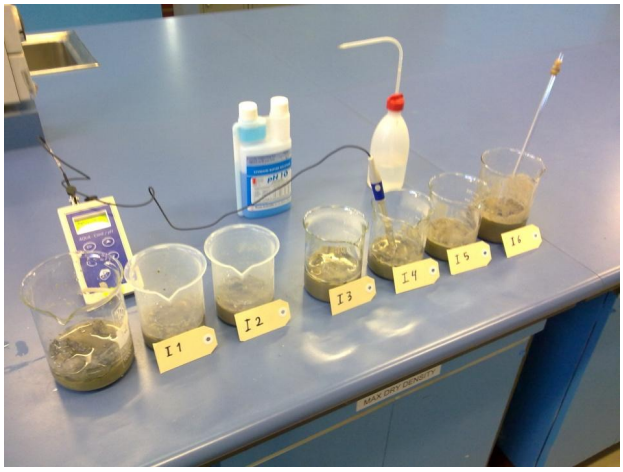


Figure 3.7 Initial Cement Consumption (ICC) tests for six initial batches

The results of this test are displayed in Figure 3.8 and show that each mix provided a pH greater than the minimum value of 12.4 for continuous hydration reactions. Distinguishing between the mixes thus seems to require other tests.

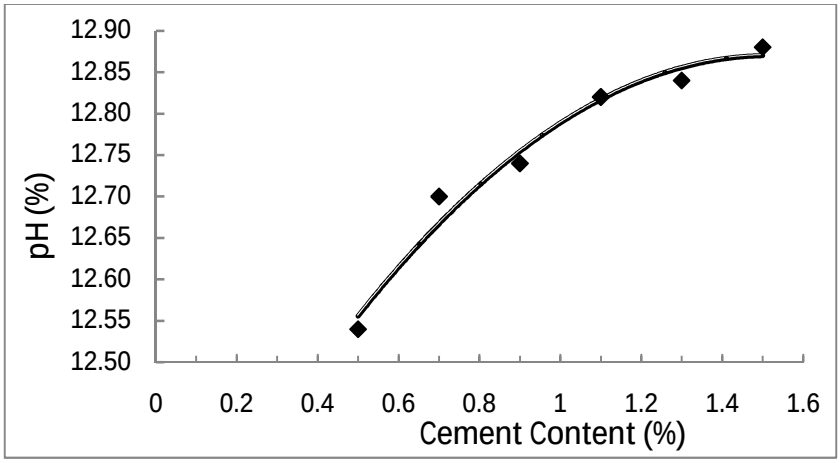


Figure 3.8 Variation of pH by addition of cement in CRB material

3.3.3 Compaction Test

Compaction tests were necessary in order to find out the effect of binder composition on the density or OMC of each batch for modifying CRB material.

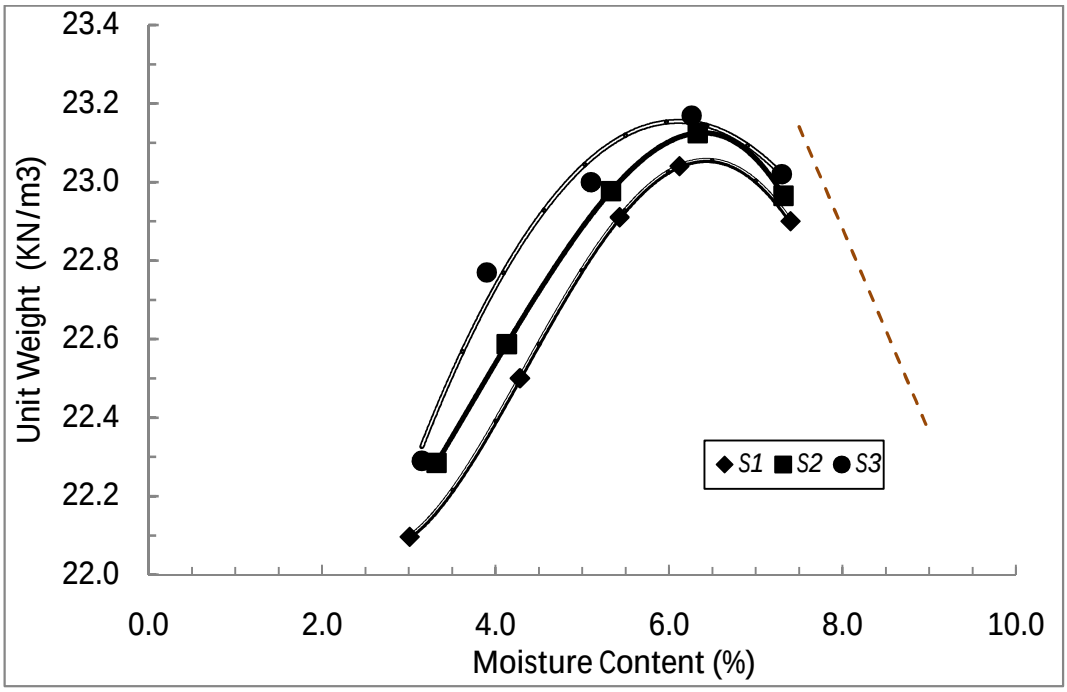


Figure 3.9 Compaction test results for the first three batches of binders in CRB material

Cement inclusion changes the OMC and MDD of the base course material, required for sample preparations for other tests. The test method was carried out according to standard AS 1289.5.1.1 or the standard Proctor compaction, as recommended by Austroads, Part 4D (Andrews 2006).

The results for the first three batches are shown in Figure 3.9. This figure shows minor changes to the OMC and MDD of the batches caused by increasing the cement content. Figure 3.10 shows the results for the second three batches, indicating a trend similar to that seen in Figure 3.9

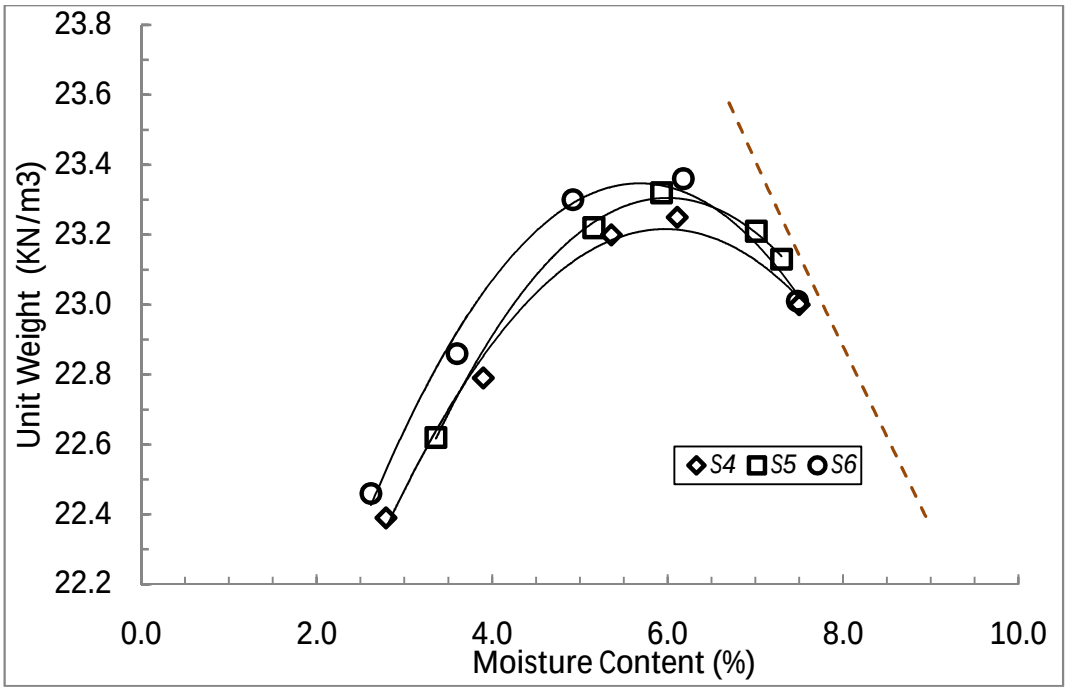


Figure 3.10 Compaction test results of second three batches of binders in CRB material

3.3.4 Unconfined Compression Strength (UCS)

According to AS 1141.51-1996, for this test the CRB aggregates were initially mixed with various batches of binder in dry conditions. Then tap water was included, proportional to the OMC of the CRB, and distributed within the mix. Mixes were blended in a 60 L mixer for five minutes, then stored in covered containers for two hours before compaction. This curing time allowed homogeneity of the mixtures while simulating compaction delays in practice. The standard compaction energy level was used to prepare specimens with a diameter of 105 mm and a height of 115.5 mm with the various binders as noted previously. The test procedure continued with the curing of samples in moulds for one day and then wrapping in plastic sheets for longer curing periods at a temperature between 21 and 24°C. The samples were soaked in water for about five hours before UCS testing with a loading at rate of 1 mm/ min in the GCTS STX-300 System for hydraulic triaxial tests as shown in Figure 3.11 and Figure 3.12.

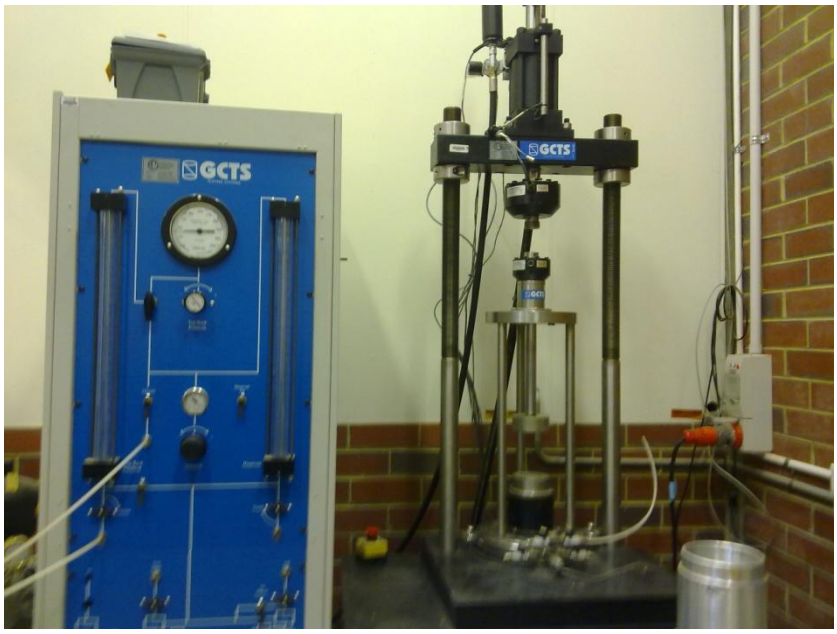


Figure 3.11 GCTS STX-300 System for hydraulic triaxial tests.

Figure 3.12 UCS test by GCTS STX-300 System

All of the tests were carried out on duplicate cylindrical samples, as indicated in the standard test method, to control the repeatability of the results and to report the average results as graphed in Figure 3.13.

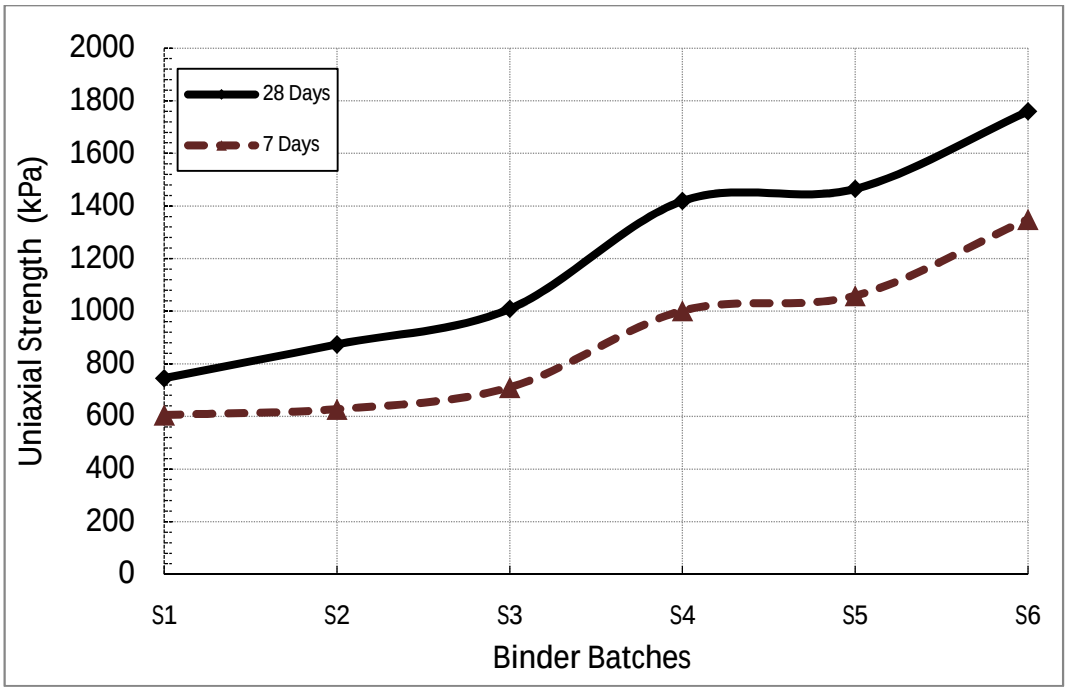


Figure 3.13 UCS test results at 7 and 28 days, stage two

Figure 3.14 is similar to Figure 3.13 in showing the changes in UCS for the various binder compositions.

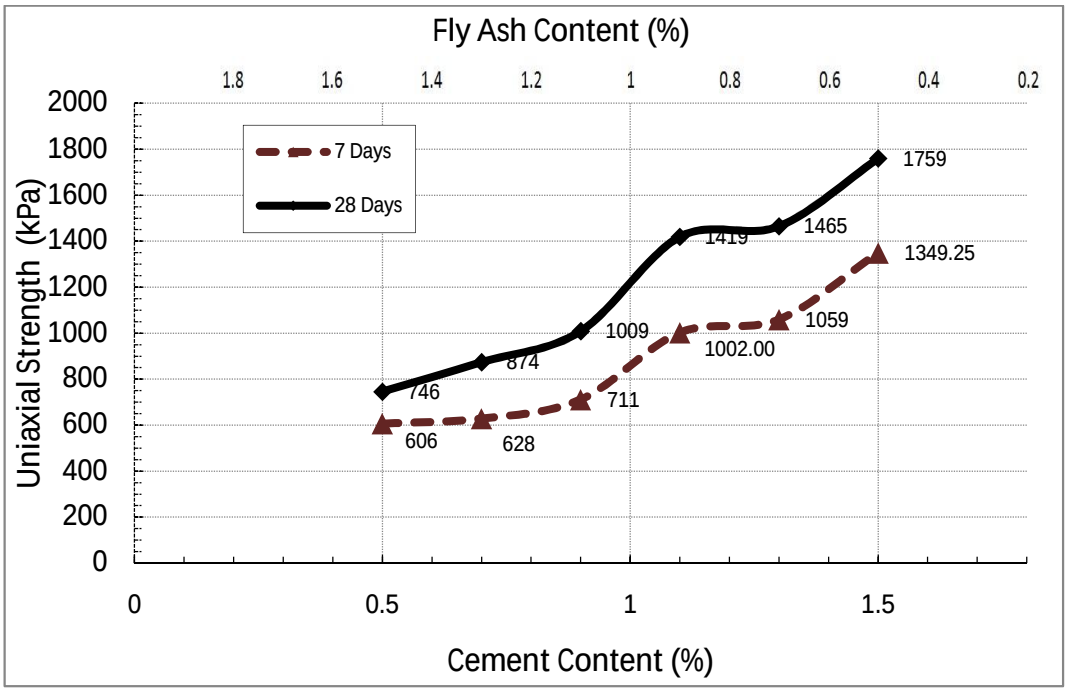


Figure 3.14 UCS test results for six different binder compositions, stage two

In each test, the peak loads of bell like strength curves were considered to be the UCS corresponding to failure compressive strain. Evaluation of these parameters gives the elastic secant modulus in vertical compression as indicated in Table 3.7

Table 3.7 Details of UCS tests, stage two

Batch	7days			28days		
	Elasticity Modulus (MPa)	Failure Strain (%)	UCS (MPa)	Elasticity Modulus (MPa)	Failure Strain (%)	UCS (MPa)
S1	174	3.2	606	220	3.2	746
S2	191	3.6	628	230	3.6	874
S3	200	3.8	711	240	4.6	1009
S4	266	4.5	1002	350	4.0	1419
S5	316	3.2	1059	400	4.0	1465
S6	406	3.6	1349	404	4.2	1759

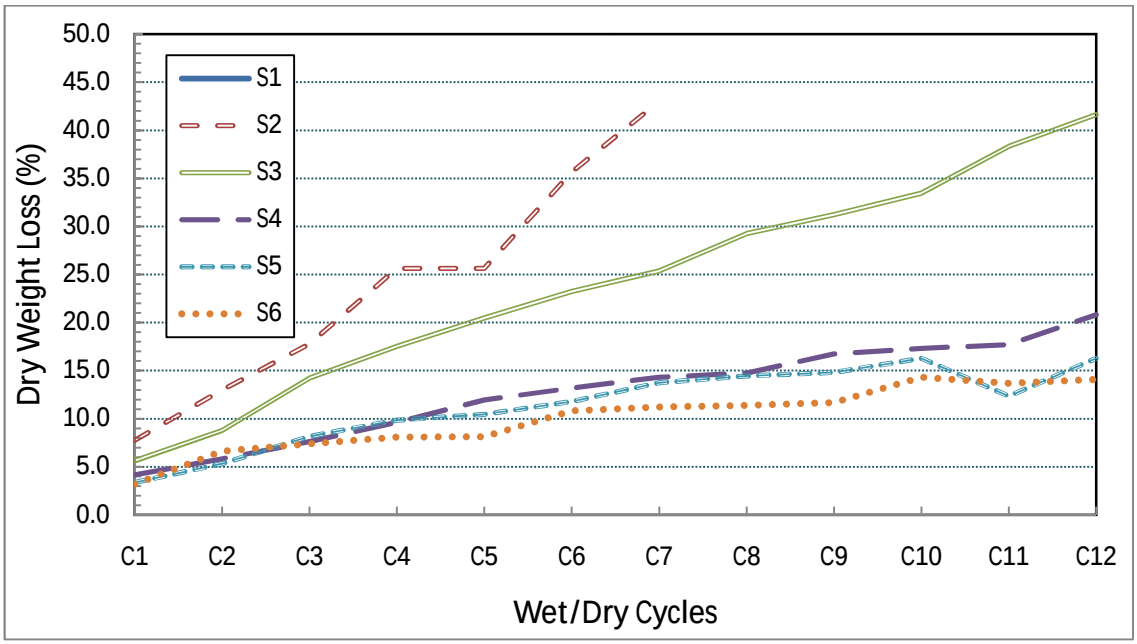
All of these results are further evaluated in chapter four when the trends from other related test results are compared with the norms of the results in this section.

3.3.5 Wet/Dry Cycle Tests

The ASTM standard test methods D 559-03 was used to determine the durability or the weight losses of soil-cement mixtures with wetting and drying cycles. The same procedure for sample preparation was undertaken as for the UCS test, except with a curing period of seven days. After this time, the duplicate cylindrical samples (105 mm diameter by 115.5 mm height) of each batch were saturated for a five hour period and then dried in an oven at 70^{o}C for nearly 48 hours. This wet/dry cycle was repeated for 12 cycles, with one of the samples being brushed according to the procedure described in Chapter Two.

Figure 3.15 Wet/dry brushing test

The results of these tests are displayed in Figure 3.15 and Figure 3.16. Comparing these results with the maximum weight loss allowed by the PCA or USACE indicates that batches S4, S5 and S6 may be considered acceptable. However, it should be kept in mind that the UCS of these batches are outside of the design limits set by Austroads or MRWA as noted earlier.



Note: The batch S1 sample crushed in initial cycle

Figure 3.16 The results of wet/dry cycles brushing test

3.3.6 Tube Suction Test (TST)

The tube suction test implicitly monitors the capillary rise of moisture through the porous structure of unbound or bound aggregates. In the absence of a

standard procedure for this test, the guidelines devised by Saarenketo (2000) were used throughout the series of tests for this investigation. After the blending and curing of different batches of mixes for two hours, the samples were compacted in a cylindrical mould 100 mm in diameter and 200 mm in height, in five layers using the standard Proctor method. Similar mould dimensions have been used by the FHWA in their research (Bredenkamp & Scullion, 1995)

All of the samples were left in the mould for one day and then kept for 10 days wrapped in a plastic sheet after demoulding. In the next step, the samples were dried in an oven at 70°C and prepared for testing. The sides of the samples were required to be sealed in a water bath 20 mm in depth. Continuous attention was required to ensure a constant water depth so that test results would not be affected. Side sealing was done using plastic sheets and rubber bands as shown in Figure 3.17.

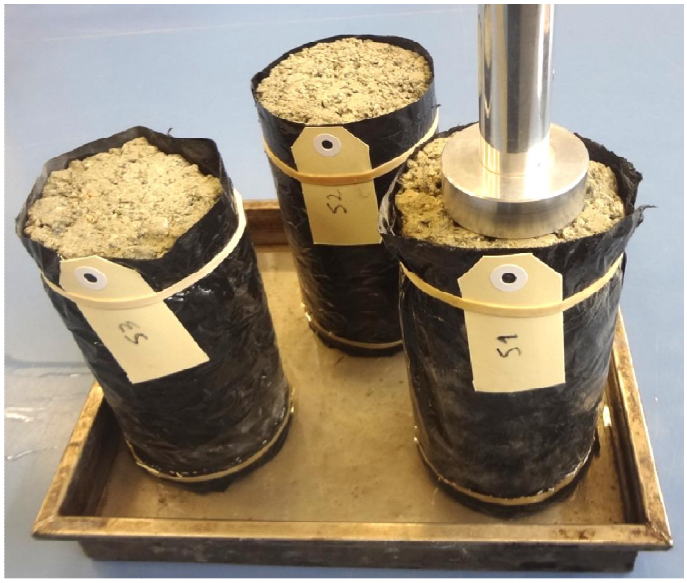


Figure 3.17 TST samples

The equipment used for the TST consisted of a Adek Percometer™ equipped with a capacitance-based dielectric surface probe with a head diameter of 50 mm and a measuring frequency of 50MHz, as shown in Figure 3.18

Figure 3.18 Adek Percometer

Finally, about five readings were recorded at different locations on the top of the samples in order to calculate the mean Dielectric Values (DV) after ignoring both the highest and lowest reading values. The average of these readings is indicated in Figure 3.19.

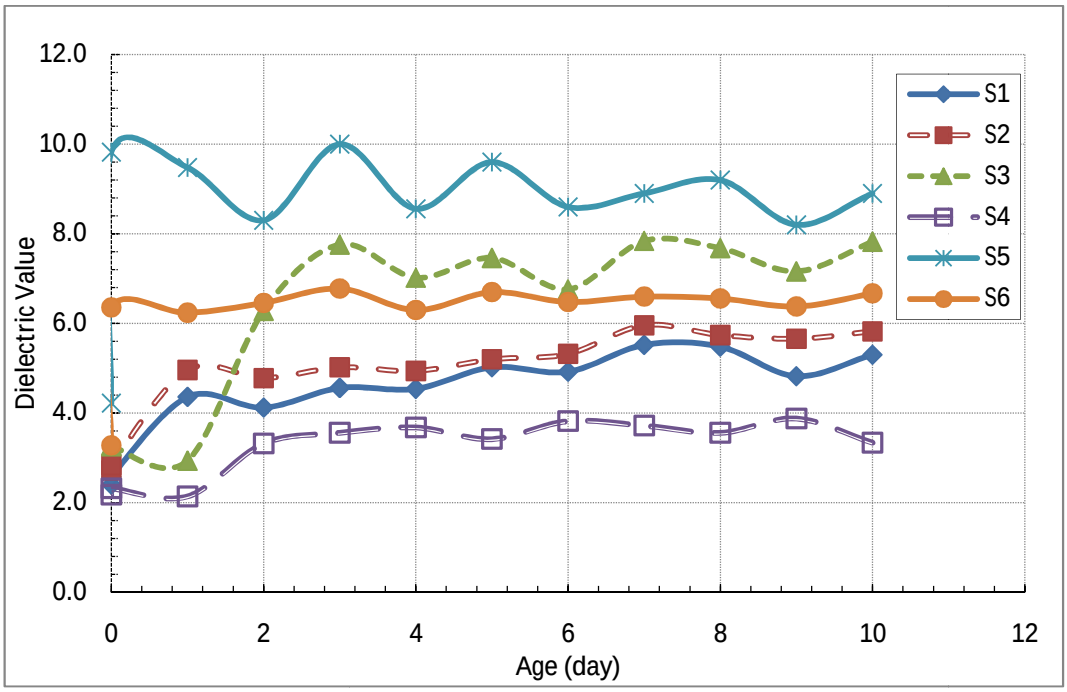


Figure 3.19 Tube Suction Test (TST) Results

Rapid changes were observed during the early readings, as recorded in Table 3.8. These observations cannot be reflected in Figure 3.19 due to scale limits. All of the batches had DVs less than 10.0, indicating the good quality of the mixtures. The final numbers for the DV vary from 3.0 to 10.0 in semi-uniform trend which denotes the low sensitivity of the results against binder content. Similar scattering or insensitivity of results to binder content changes have been observed by Saarenketo (2000) and Yeo and Nikraz (2012).

Table 3.8 DV values in the initial moments

Batch	Time (min)	
	10	30
S1	2.4	2.6
S2	2.72	2.84
S3	3.28	3.26
S4	2.18	2.32
S5	4.22	9.82
S6	3.28	6.36

3.3.7 Resilient Modulus (Mr)

Resilient modulus as a stress-dependent parameter is directly used for the analysis and design of pavements. There are various protocols for the resilient modulus test such as the method devised 307-99 by AASHTO (2003) , which is popular. However, in Australia the test method AG: PT/053 – by Austroads (2007) is more popular. Similar protocols exist in other countries with differences in terms of load type and frequency, test sequences, etc. These differences impact the obtained results, thus it is necessary for an improved and appropriate resilient modulus test procedure to have a common and accurate databases for different design codes (Anochie-Boateng et al., 2009).

The samples were prepared at the 100% MDD with 100% OMC for each batch in standard cylinder moulds of 100 mm in diameter and 200 mm in height. The standard compaction method was utilised by dividing the samples into five layers, using a 2.54 kg rammer with a drop height of 305 mm and 25 blows for each layer.

After the compaction procedure, two specimens of each mix were kept in the mould for one day at room temperature before demoulding and curing 28 days in a sealed plastic bag for the complete hydration period. At the end of this stage, the samples were ready to be mounted in the triaxial cell test chamber. Two specimens from each batch were placed in dry and saturated moisture conditions to observe the effect of moisture content changes on the resilient modulus. Drying was done at 70^{o}C to keep the thermal changes in the specimens moderate. Saturation was achieved by putting the specimens in a tap water bath.

Then, two porous stone discs lined with filter papers were used at both end of specimens, before pulling and wrapping a rubber membrane. The specimens were then sealed at each end using O-rings and were tested under drained conditions using the Universal Testing Machine UTM-14P (14 kN Pneumatic) equipped with IPC's IMACS digital controller and UTS software as shown in Figure 3.20.

Figure 3.20 Universal testing machine, UTM-14P

Each specimen was subjected to 66 stress stages. The first stress stage consisted 1000 cycles for pre-conditioning; and the next stages each consisted of 200 repeated loading/unloading cycles of 66 stress conditions as detailed in Table 3.9. The repeated vertical loadings had a rectangular block wave waveform as shown in Figure 3.21.

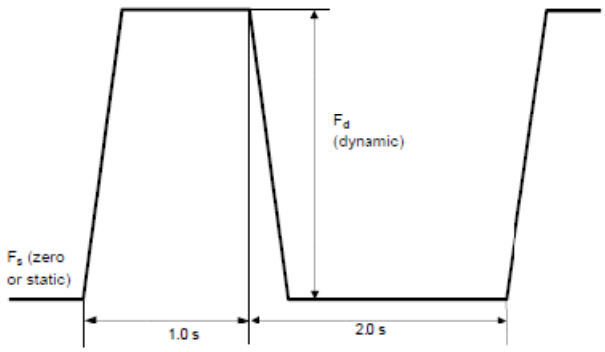


Figure 3.21 loading waveform in AG:PT/053- Austroads (2007)

Table 3.9 Stress levels for resilient modulus, AG:PT/053 - Austroads(2007)

Stress Stage Number	σ_3 (kPa)	σ_d (kPa)	Stress Stage Number	σ_3 (kPa)	σ_d (kPa)
0	50	100	33	40	250
1	75	150	34	30	210
2	100	200	35	40	280
3	125	250	36	50	350
4	150	300	37	75	525
5	100	200	38	40	280
6	50	150	39	20	150
7	75	225	40	30	245
8	100	300	41	40	325
9	125	375	42	50	400
10	150	450	43	30	245
11	75	225	44	20	185
12	40	125	45	30	275
13	30	100	46	40	370
14	40	150	47	50	450
15	50	200	48	30	275
16	75	300	49	20	225
17	100	400	50	30	335
18	125	500	51	40	450
19	75	300	52	50	550
20	30	125	53	20	250
21	20	100	54	30	375
22	30	150	55	40	500
23	40	200	56	20	300
24	50	250	57	30	450
25	75	375	58	40	600
26	100	500	59	30	500
27	50	250	60	20	350
28	30	180	61	30	550
29	50	300	62	20	375
30	75	450	63	30	575
31	50	300	64	20	400
32	30	180	65	20	500

Cyclic deformations were measured by dual linear variable differential transformers (LVDTs) mounted directly over the loading ram of the specimen with standard clamps attached to the sides of loading frame.

Figure 3.22 and Figure 3.23 show the results of the resilient modulus records upon bulk stresses for batch of S1 under dry and saturated conditions. These graphs also represent a power type regression based on the K-Θ model, along with the compatibility of the curve fitted to these results with a least square regression R^2 around 0.9.

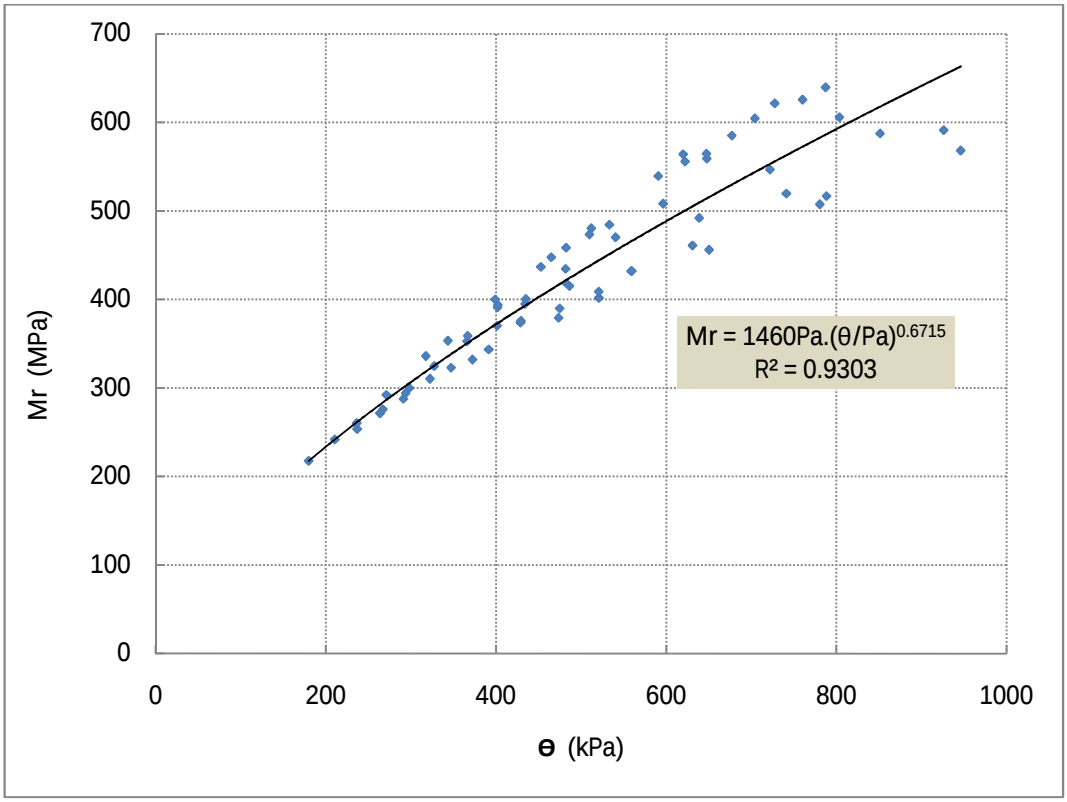


Figure 3.22 Result of RLT test on sample S1 (dry)

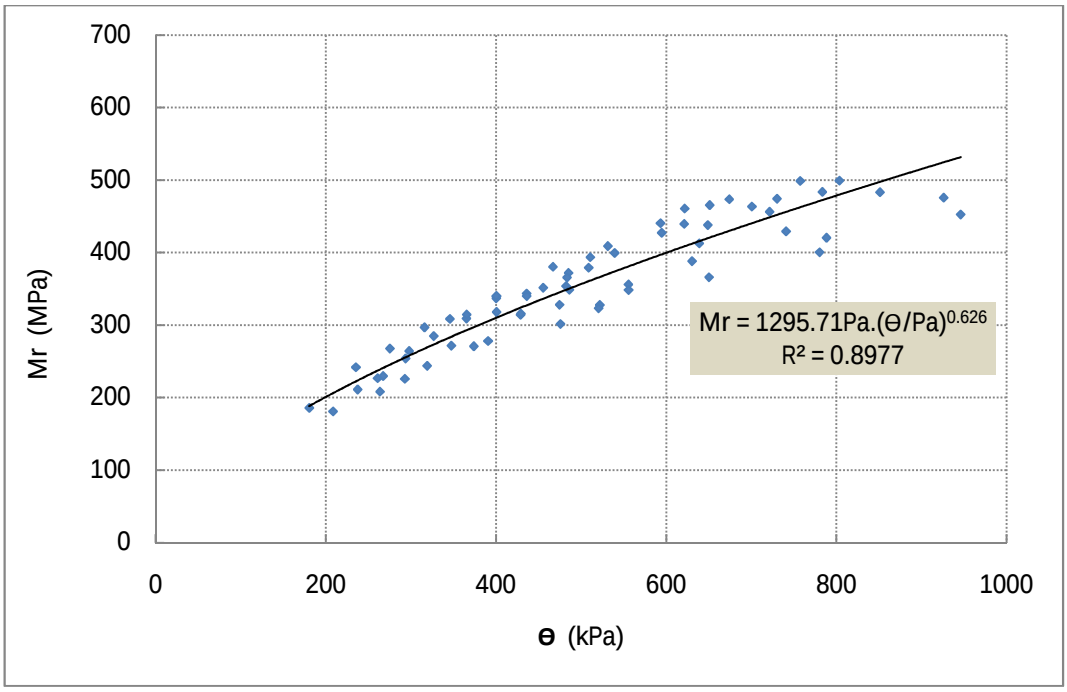


Figure 3.23 Result of RLT test on sample S1 (saturated)

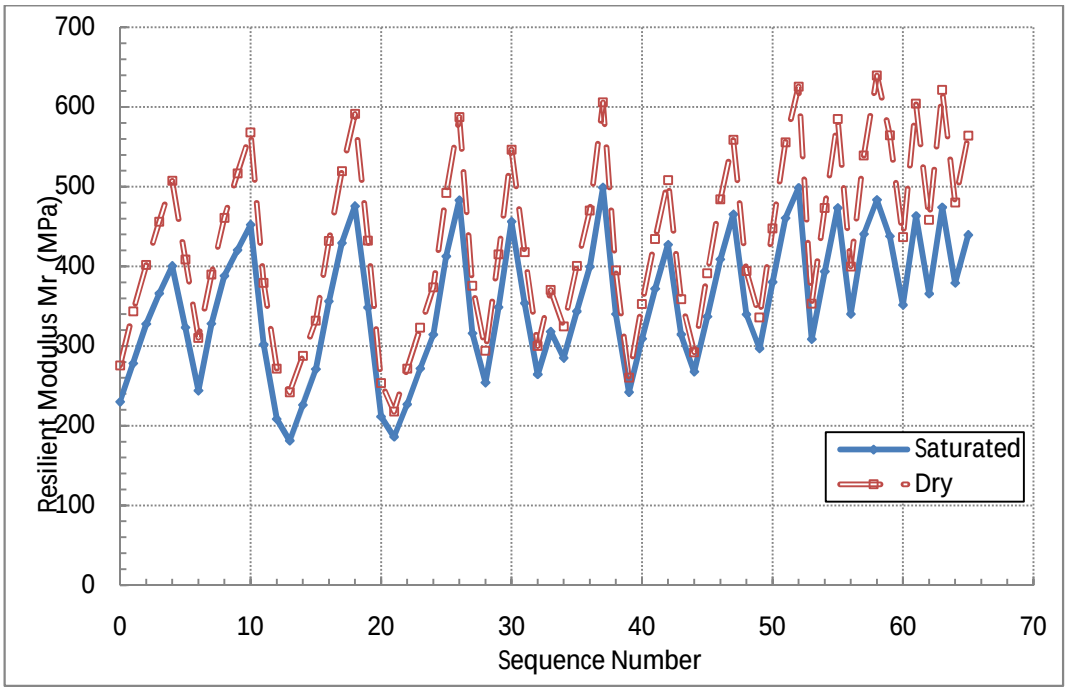


Figure 3.24 Resilient modulus variations, batch S1

The prominent feature of Figure 3.24 is the great differences in saturated and dry conditions resulting in peaks or bottom points rather than middle points.

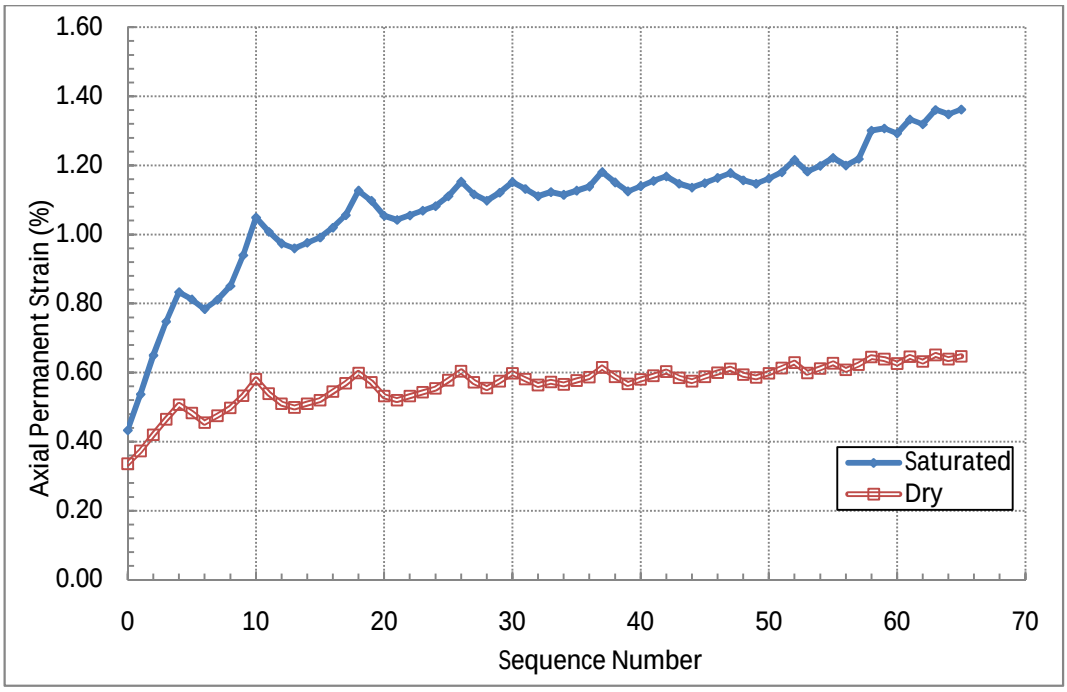


Figure 3.25 Permanent axial strain variations, batch S1

Figure 3.25 clearly shows the effect of saturation on the deformation capacity of the material. The axial deformations are almost doubled during saturation, which can cause undesired cracks for the performance of pavements.

The other point as explained in Chapter Two and shown here, is the dependency of the resilient modulus on stress conditions in pavement layers. Some more popular bulk stress conditions are therefore required to provide a basis for comparing resilient modulus with binder characteristics.

3.3.7.1 Stress Level for Resilient Modulus Comparison

The bulk stress within pavement layers such as the base course layer depends on the asphalt thickness and subgrade resilient modulus. As such, different recommendations are listed in Table 3.10 and Table 3.11 for reporting resilient modulus tests in the subgrade or base course layer according to popular pavement configurations used by each study.

Table 3.10 Stress conditions for the resilient modulus of subgrade (Hossain, 2008)

References	Pavement Layer	Confining Stress σ_3 (kPa)	Deviator Stress σ_d (kPa)
Asphalt Institute (as cited in Ping et al.) (2001)	Subgrade	13.8	41.4
Daleiden et al. (as cited in Ping et al.) (2001)	Subgrade	13.8	13.8
Rahim (2005)	Subgrade	13.8	37.2
George (2004)	Subgrade	13.8	51.0
Lee et al. (1997)	Subgrade	20.7	41.4
Ping et al. (2001)	Subgrade	13.8	34.5
Jones and Witczak (1977)	Subgrade	13.8	41.4
NCHRP 1-28A	Subgrade	13.8	41.4

Some similar references for base course layers are listed in Table 3.11 below.

Table 3.11 Stress conditions for the resilient modulus of base course

References	Pavement Layer	Confining Stress σ_3 (kPa)	Deviator Stress σ_d (kPa)	Bulk Stress θ (kPa)
Rada and Witczak (1977)	Granular subbase	-	-	68.9
Rada and Witczak (1977)	Granular base	-	-	137.9-275.8
NCHRP 1-28A	Granular base/ subbase	34.5	103.4	

Note: Bulk stress $\theta = \sigma_1 + \sigma_2 + \sigma_3 = 3\sigma_3 + \sigma_d$

Similar recommendations to those in the above tables have been provided by Austroads for the finite element analysis of granular pavements using the mechanistic method as follows (Vuong et al., 2007):

- Mean stress of 300 kPa, shear stress of 212 kPa for base course layer;
- Mean stress of 150 kPa, shear stress of 141 kPa, for subbase layer.

In WA and based on the empirical design method, the thickness of asphalt wearing courses has been suggested to be less than 60mm according to design guide note 9 (Main Roads of Western Australia (MRWA), 2012a). This meets the requirement of a maximum mean normal stress of 240 kPa or minimum octahedral shear stress of 120 kPa for the granular base course layer. However, the majority on various pavement studies in WA have used a vertical stress of 300 kPa and a horizontal stress of 50 kPa, for example Butkus (1994) ,Cray (1992) and F. Butkus and A. Lee Goh (1997).

Hence, two set of stress levels were considered in this research, as set out in NCHRP 1-28A and MRWA reports, for the purpose of comparing general and local pavements.

The process and comparison of resilient modulus for different batches would be easier using a limited number of stress levels such as those considered in this research. A summary of similar results for batches in stage two is presented in Figure 3.26 and Figure 3.27 without further details on deflections.

In line with the NCHRP stress level, Figure 3.26 shows that Mr increases trend with cement content under both saturated and dry conditions in the CRB modified material. Moreover, the increasing norm of dry/saturated ratio of Mr with cement content highlights the potential of saturation issues in high cement content batches.

Taking the MRWA stress level into account, Figure 3.27 shows the same characteristics of the material as Figure 3.26, with minor changes in the dry/saturated ratio of Mr for a lower range of cement content in the binder.

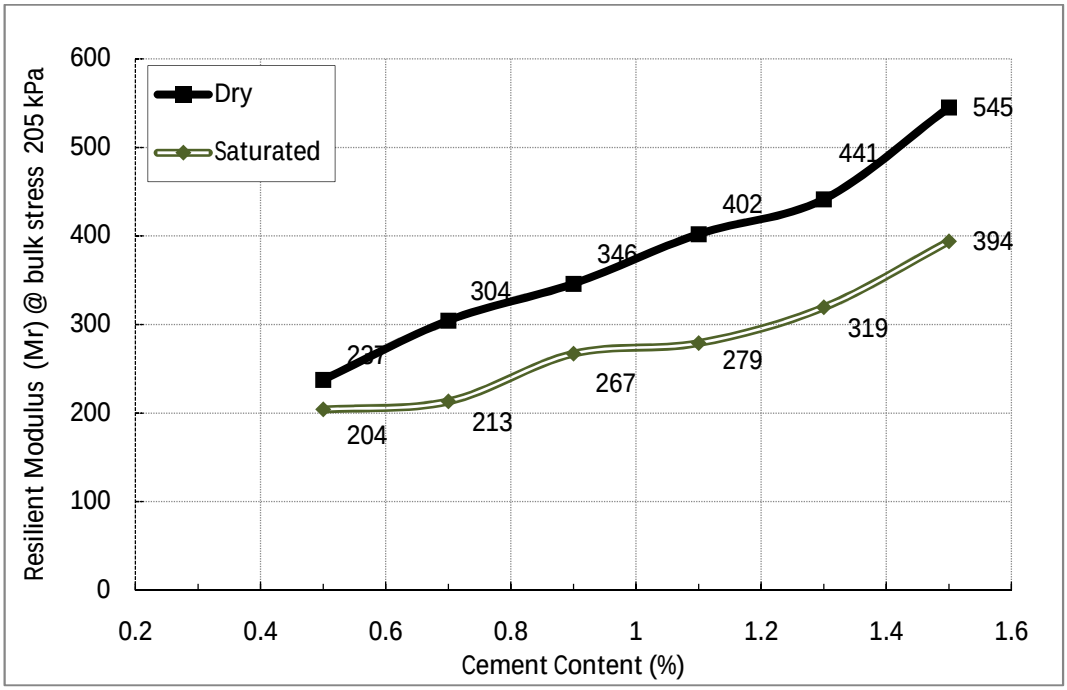


Figure 3.26 Resilient Modulus versus cement content of batches, θ=205 kPa

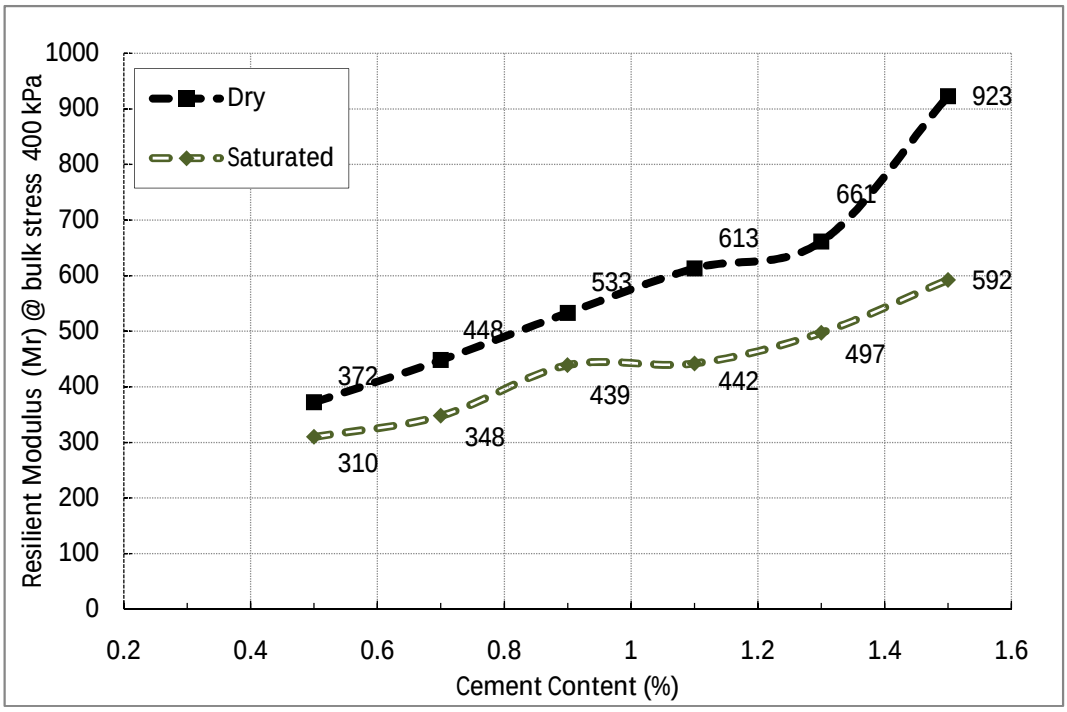


Figure 3.27 Resilient Modulus versus cement content of batches, θ=400 kPa

3.3.8 Batches Selected for the Next Stage of the Study

In Australia, determination of binder type or content for bound material can be done according to the design flowcharts provided in the Austroads design guide, part 4D (Andrews, 2006), based on UCS test results. As noted earlier, UCS test results can act as an indicator for design parameters such as modulus or durability. Therefore, all of the considered binder compositions except S6 fall within the UCS limits defined by the Austroads design guide, part 4D for modified material following the recommendations according to Figure 3.28 below.

It can be seen from Figure 3.29 that other batches such as S1, S4 and S5 are located within the boundaries or outside of the limited area suggested by design guide note 9 (Main Roads of Western Australia (MRWA), 2012a). Therefore, the batches S1, S4, S5 and S6 were ignored in further stages, in order to provide more focus and to reduce the time required for further studies.

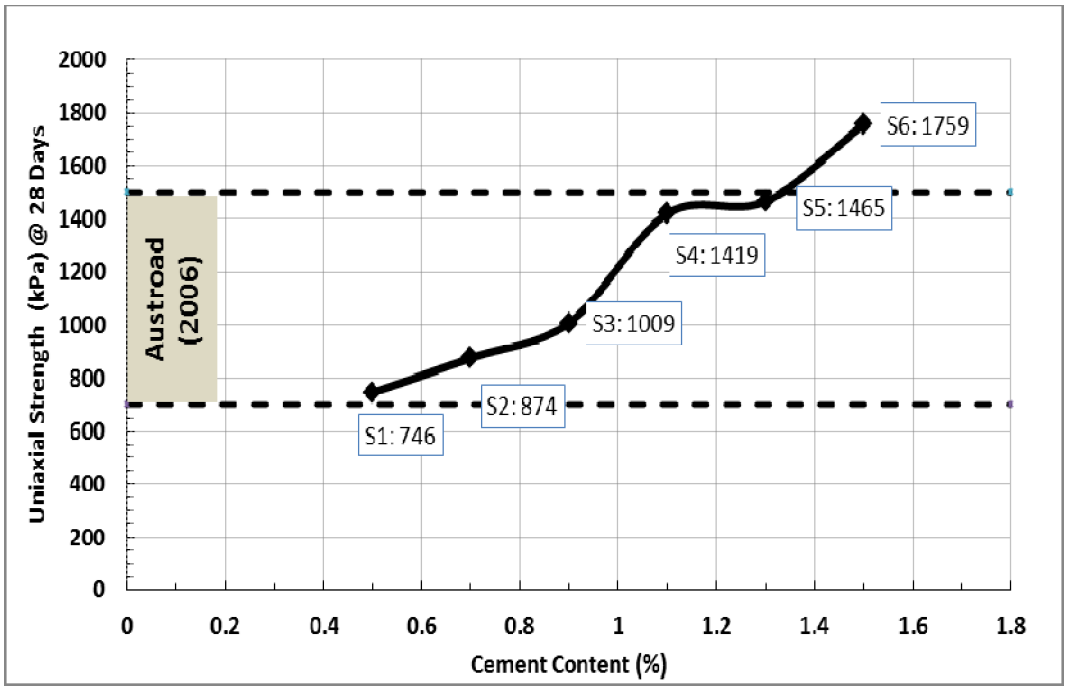


Figure 3.28 UCS test results according to Austroad limits

Batches S2 and S3 were selected for modification with nano silica in order to explore the changes in durability, strength and shrinkage characteristics.

It should be noted that the RLT machine is a delicate piece of equipment with high maintenance requirements, and thus should be used wisely. The required time for each RLT test, based on the Austroads protocol, was about 12 hours just for the loading process. Other time periods included the machine's rest time and the preparation time required for specimens, and the time required limited the tests that could be run in the next stage. Thus, excluding the unpromising batches and choosing a limited number of batches for further tests expedited the whole program.

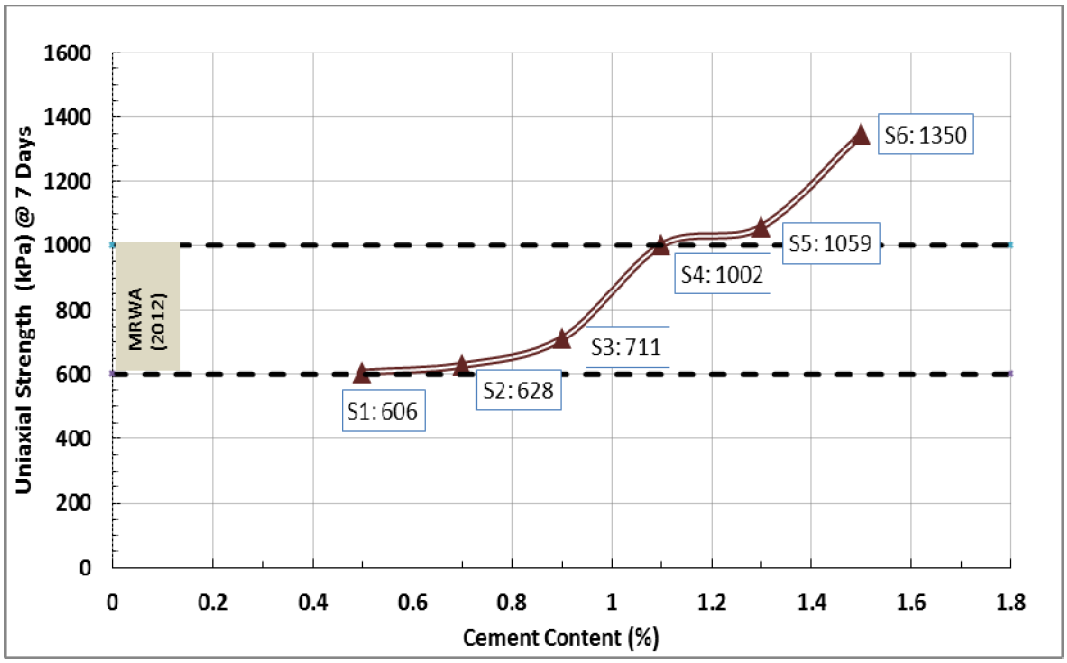


Figure 3.29 UCS test results according to MRWA limits

3.4 Stage Three: Addition of Nano Silica to Selected Batches

At this stage, three different percentages of nano silica were considered for addition to two batches, S2 and S3, in order to explore the changes in the mechanical, physical and durability characteristics of CRB modified material. First, it was necessary to determine the appropriate range of nano silica content (by dry weight of cement) that would deliver UCS results close to Austroads or MRWA limits. Some trials and a broad range of UCS tests were

therefore performed that revealed the suitable nano silica content to be less than 1%. Three percentages of nano silica (0.3%, 0.6%, and 0.9%) were chosen to cover the narrow range of less than 1%.

The same types of tests, such as UCS, wet/dry cycles and resilient modulus, were carried out on the new set of batches as shown in Figure 3.2. The only difference was the replacement of the shrinkage test with the TST that showed sufficient sensitivity for the batches in stage two. Further details can be found in the following sections.

3.4.1 Nano Silica

The nano silica used in this research was Aerosil 200, hydrophilic fumed silica that meets the requirements of the ASTM E2456 - 06 (2012) definition for nanoparticles. Its particle sizes vary from 1 to 100 ηm. It is an ultrafine powder collected as a by-product of silicon and ferrosilicon alloy production and consists of spherical particles with an average primary particle size of 12 ηm and with a specific surface area of 200 m2/g.

Figure 3.30 Binder constituents in stage three; I: fly ash, II: cement, III: nano silica

3.4.2 Compaction Tests

Compaction tests were again necessary to find out the effect of each batch of binders on the compaction feathers of modified CRB material. For the preparation of test specimens, cement and fly ash at their specified weights

were mixed with CRB material in a 65 L mixer for two minutes under dry conditions. Nano silica was then added to water corresponding to the OMC of each S2 and S3 batch before extremely mixing within a shaker. Finally, the nano/water mixture was introduced to new batches and mixed for five more minutes. The tests were further carried out as outlined in section 3.3.3.

Figure 3.31 shows slight reductions in the OMC and an increase in unit weight with an increase in the nano content of the S2 batches. Figure 3.32 also has similar manner which can imply insignificant changes in compaction characteristic of nano added mixes same as initial batches in Figure 3.9 and Figure 3.10. The test was carried out according to AS 1289.5.1.1 using standard compactive effort.

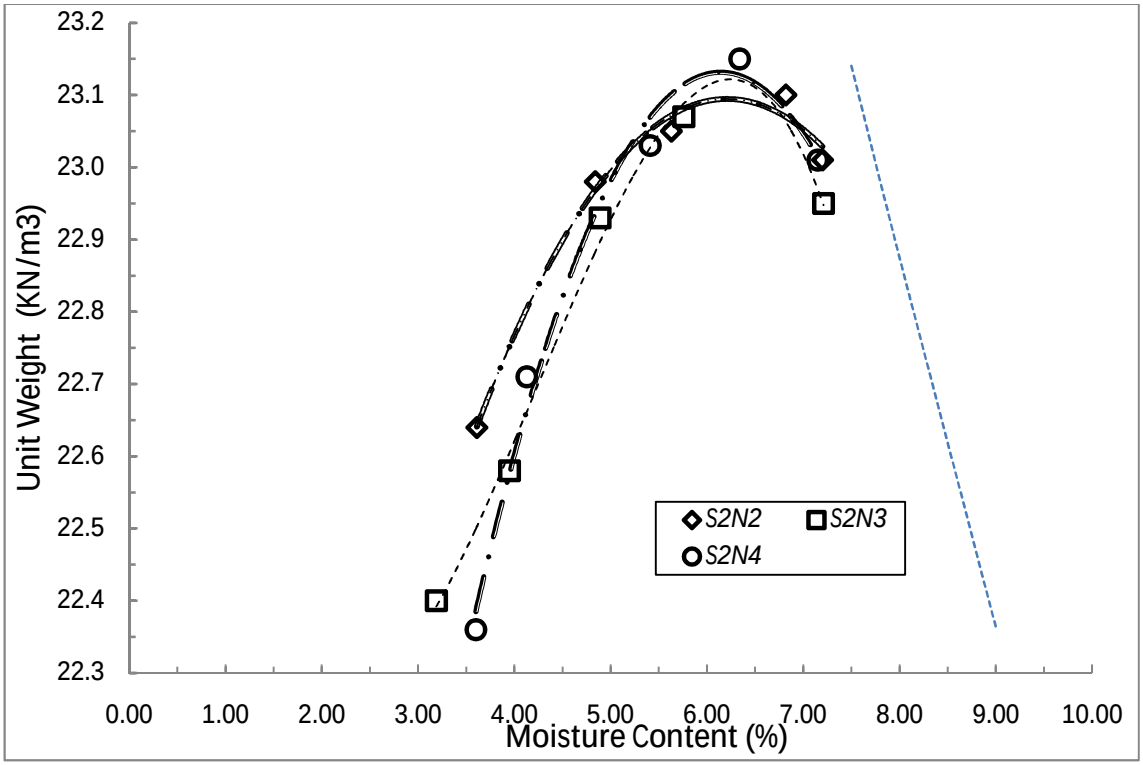


Figure 3.31 Compaction test results of batch S2 with nano silica

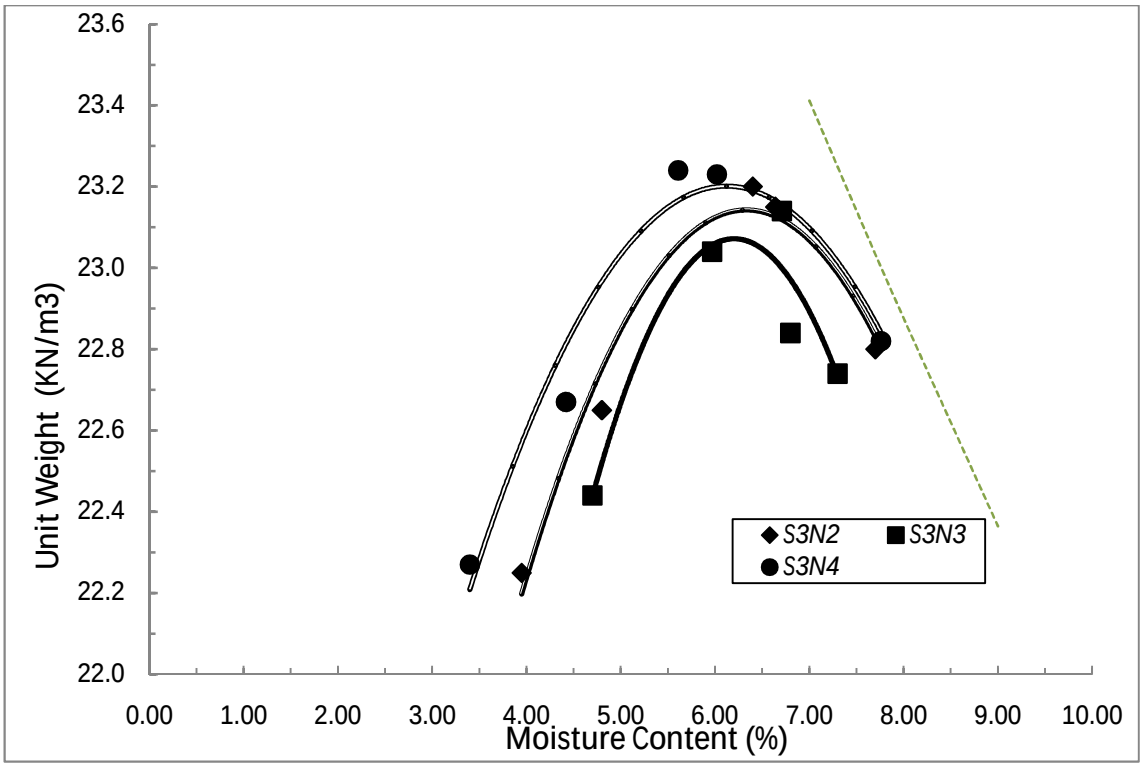


Figure 3.32 Compaction test results of batch S3 with nano silica

3.4.3 Unconfined Compression Strength (UCS)

The same procedure as described in section 3.3.4 was repeated for the new set of batches to observe the influence of nano silica. A summary of the results are shown in Figure 3.33 and Figure 3.34.These figures show an increase in the strength of the batches with an increase in the added nano silica. In comparison with Figure 3.28 and Figure 3.29, the values have moved upward from the proximity of the boundary lines to the middle of the zone recommended by the Austroads (Jameson, 2008) and note No.9 (Main Roads of Western Australia (MRWA), 2012a) design guides.

These results are in consistent with observations by other researches which can be sign of prosperous effects in other design or durability aspects as objectives of this research. However, other direct durability or resilient modulus test results can clarify this positive performance. As such wet/dry cycles and shrinkage tests were arranged to check the status of weight losses or length change measurements in these tests.

On the other hands, these results can confirm previous assumptions in chapter two regarding selection of proper nano particles addressing improvement of the issues discussed earlier.

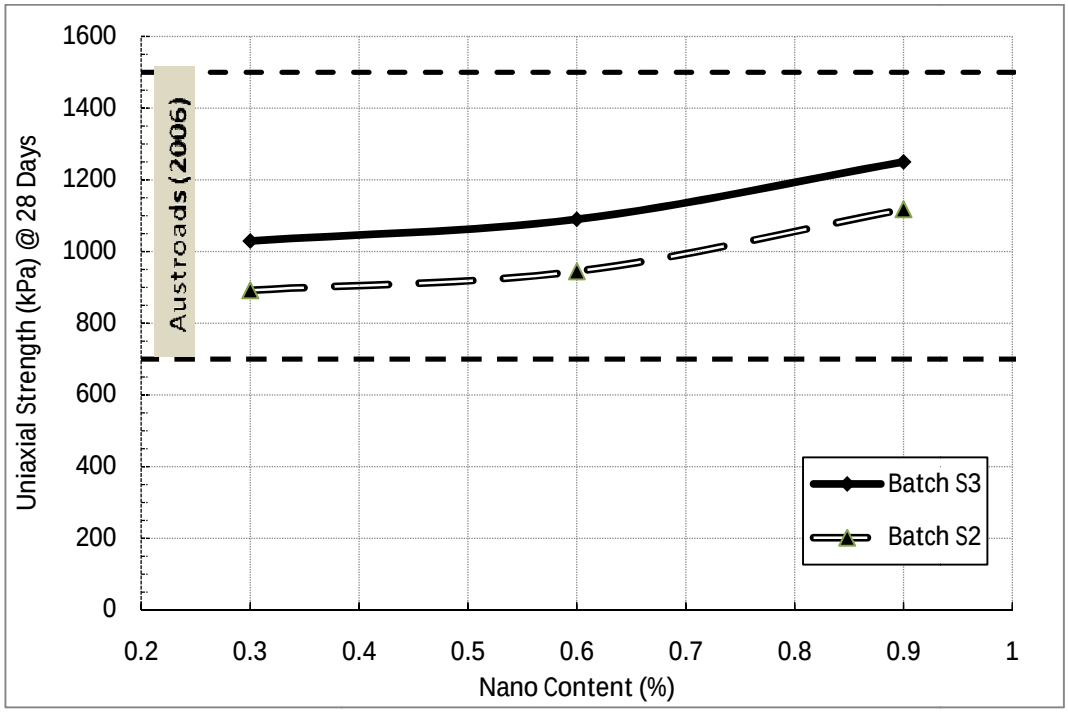


Figure 3.33 28-day UCS for batches S2 and S3 with nano silica

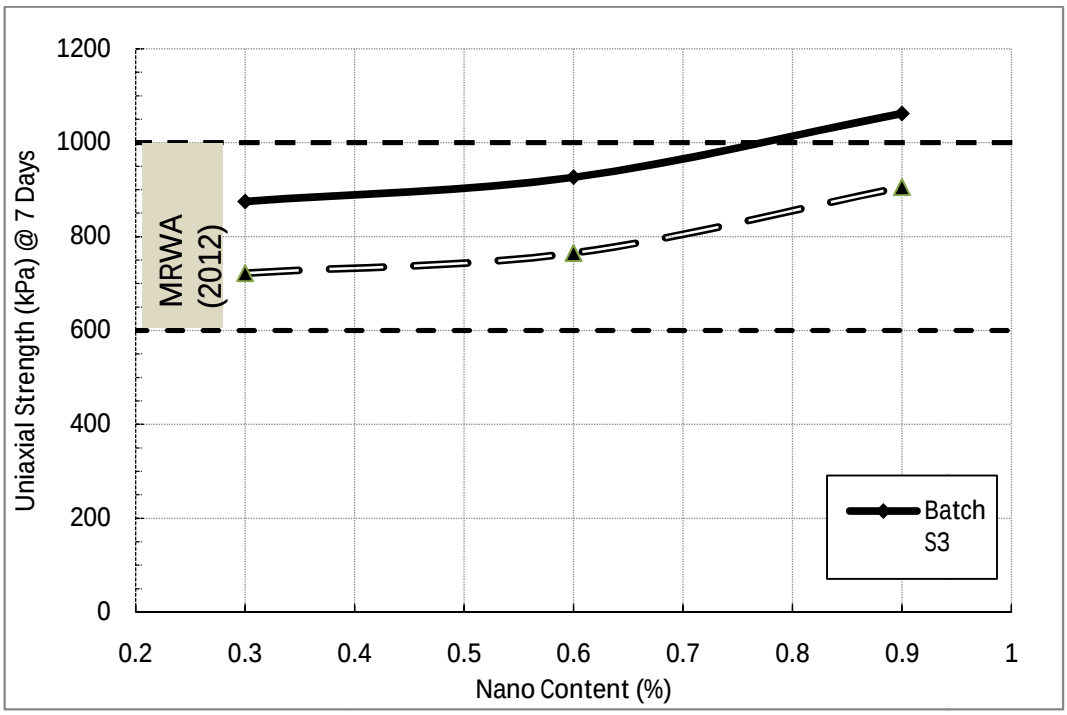


Figure 3.34 7-day UCS for batches S2 and S3 with nano silica

3.4.4 Wet/Dry Cycles Tests

As in section 3.3.5, the ASTM standard test method D 559-03 was used once again, to determine the durability of batches with included nano silica. The outcomes are shown in Figure 3.35 and Figure 3.36. This highlights the improvement in durability by the decline in weight loss during the brushing processes. The durability of batch S2 improved by about 15 percentage points from more than 43% to about 30%. In a similar manner, batch S3 shows 35 % improvement.

The common outstanding feature of these figures is that just the inclusion of nanoparticles seems to be more efficient than the variation nano silica content from 0.3% to 0.9%. Although the weight losses indicate significant improvements on treatment with the nano silica, they still did not satisfy the requirements specified by Portland Cement Association (PCA) (1992) of less than 14%.

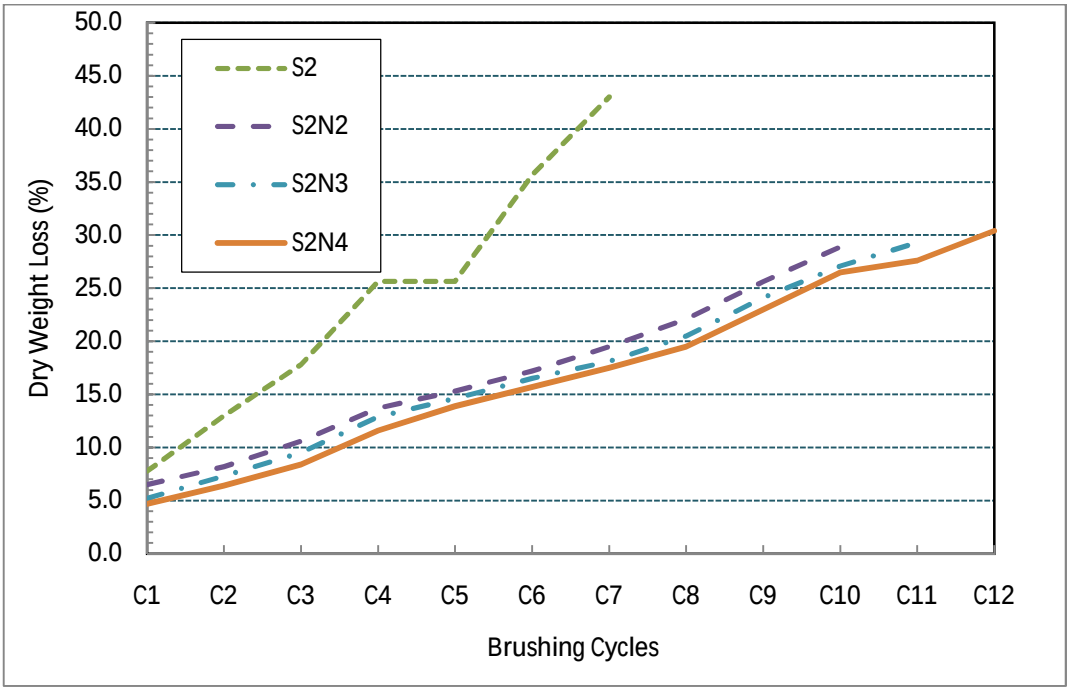


Figure 3.35 Wet/dry cycle tests for batch S2 with added nano silica

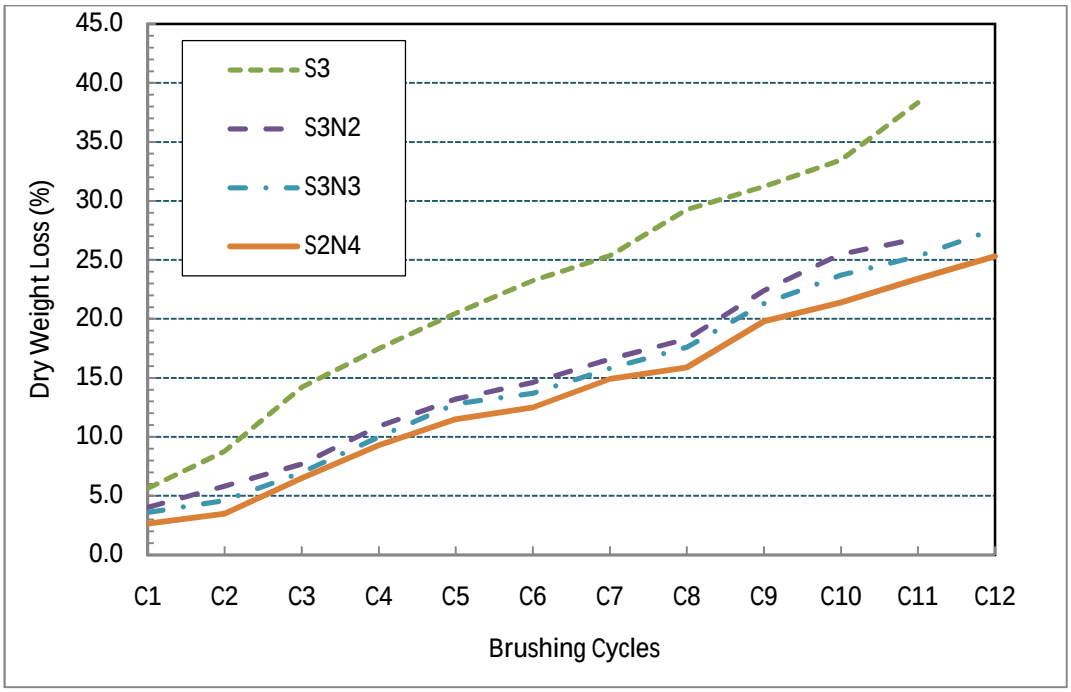


Figure 3.36 Wet/dry cycle tests for batch S3 with added nano silica

This issue might be able to much more improved by more fly ash or nano silica content considerations in further researches.

Anyhow, these results indicate that nano silica can act as a substitute of cement contents increment alone. In other word, nano silica can save on cement content in CRB stabilised material in order to achieves durability related aims.

3.4.5 Shrinkage (Length Changes)

The aim of this test was to determine the shrinkage of material during the drying of CRB modified materials. As noted in section 2.5.5, the test protocol was according to standard method AS 1012.13- 1992 for concrete specimens of 75x75x280 mm in size. The maximum size of particles had to be adjusted to consider the limit of specimen/maximum aggregate ratio to less than five. Thus, the CRB material greater than a 9.7 mm sieve size was separated, removed and replaced with finer aggregates. As can be seen from Figure 3.3, this coarse portion made up about 30% of the total CRB material and could potentially lower the shrinkage of specimens. Finer materials can show more shrinkage and produce more conservative results.

The mixes from each batch had their own OMC and MDD according to Figures 3.31 and Figure 3.32, which required to take into account during hand compaction using a tamping bar according to the standard Proctor method.

Figure 3.37 Shrinkage beam mould (Geocon- Cat. No. 55-C0115/7.Con)

Figure 3.37 shows two steel studs were screwed into the centre at both ends of the mould. In this way, they were embedded in the beams after demoulding. Upon completion of compaction, specimens were cured in the mould in a standard moist curing room for 24 hours, to establish the initial necessary strength for handling. Then the beams were demoulded very gently to avoid any damage, and cured for seven days wrapped in plastic before further curing in a cabinet (see Figure 3.38) at a controlled temperature of 23°C and a relative humidity of 50%.

Figure 3.38 Curing cabient

The reading of the beam specimen was performed with a horizontal comparator to measure changes in horizontal plane parallel to compacted layers in practice, as shown Figure 3.39

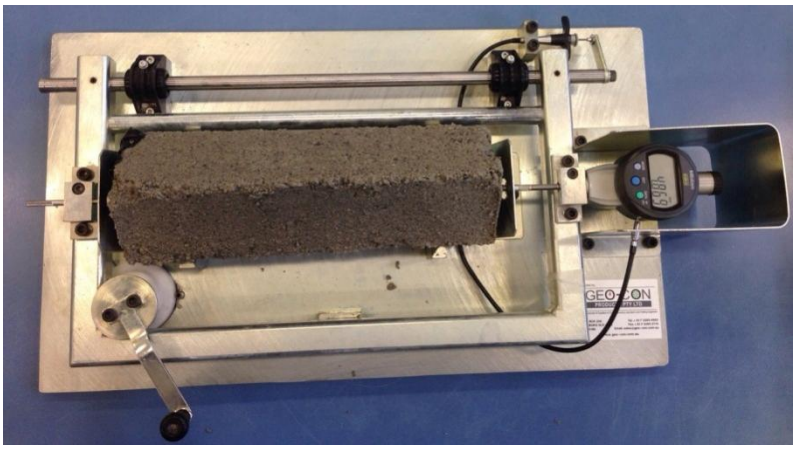


Figure 3.39 Horizontal comparator (Cat. No. 55-C0115/9.Con)

The results of the length measurement are presented in Figure 3.40 and Figure 3.41. From these figures, it is observed that nano silica increases the shrinkage of CRB modified material.

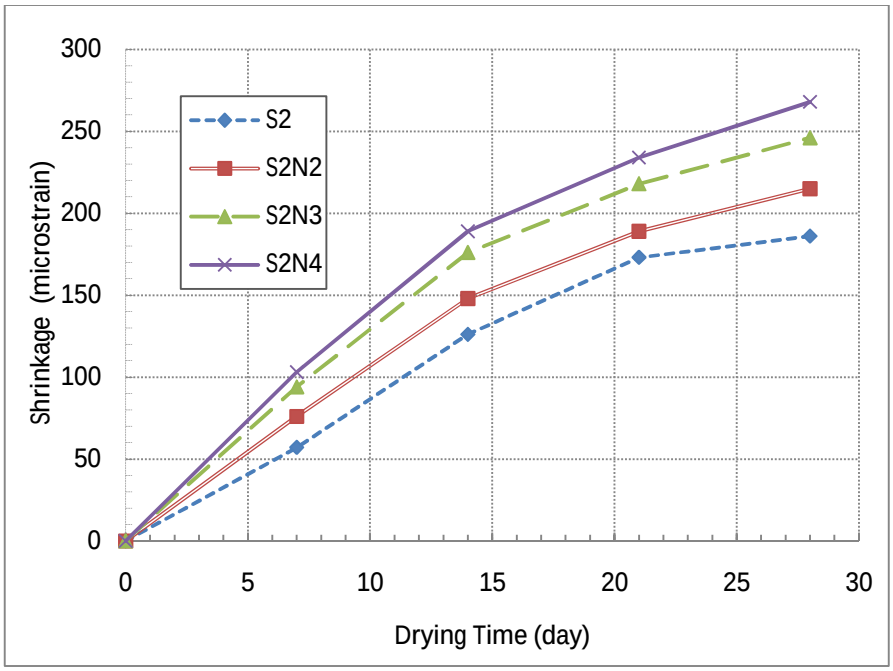


Figure 3.40 Horizontal comparator (Cat. No. 55-C0115/9.Con)

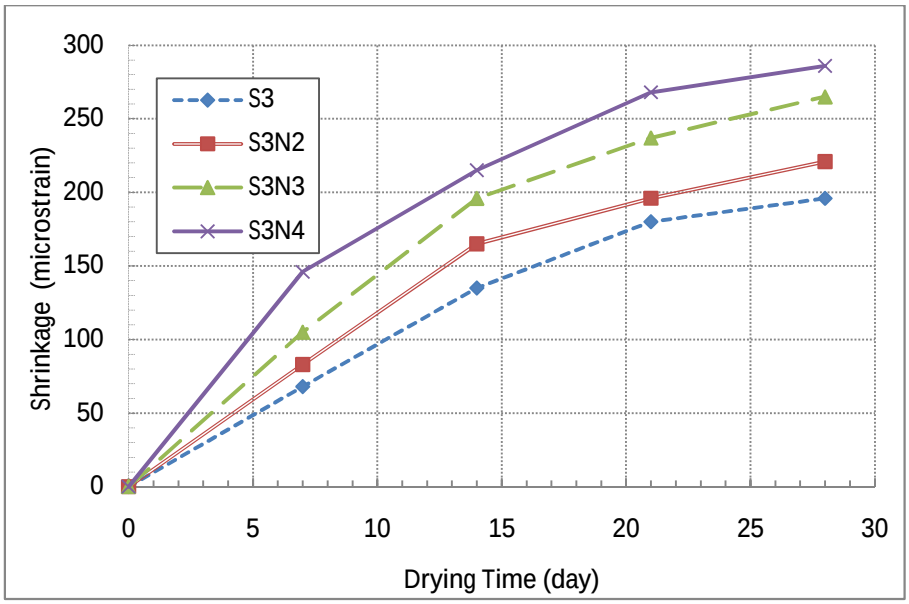


Figure 3.41 Horizontal comparator (Cat. No. 55-C0115/9.Con)

Although these results might seems to be undesirable but the shrinkage range of nano added material are less than 310 micro strain for coarse material suggested by George (2002) upon PCA experience gathered from different pavement authorities. Thus, these results are not necessarily far from the aim of numerous minor cracks rather that few wide cracks. This aim is to ensure that Cracks do not propagate to the surface, providing pathways for water infiltration or debonding of surface layer interfaces by weakening of base layer granular layers and subgrade.

3.4.6 Resilient Modulus

Preparation of specimens was similar that outlined for the UCS and wet/dry cycle tests for this set of batches. The reason for this was to ensure similar conditions and to compare different types of tests for further detailed discussion. For this reason, specimens of different ages (7 days, 14 days, 21 days and 28 days) were also considered in order to evaluate the progress of hydration reactions in design mixtures in the presence of nano silica.

In this stage, the test protocol was changed from AG:PT/053 (Austroads, 2007) to T307-99 (AASHTO, 2003) to reduce the loading time from approximately one day to a couple of hours. The other reason was the great number of test specimens to be used in the next stage of experiments, each of which had to be subjected to accelerated carbonation conditions.

Following this change, each specimen was subjected to only 16 stress stages, the first stress stage consisting of 500 cycles of pre-conditioning, and the next stages, each consisting of 100 repeated loading/unloading cycles across 16 stress conditions as shown in Table 3.12.

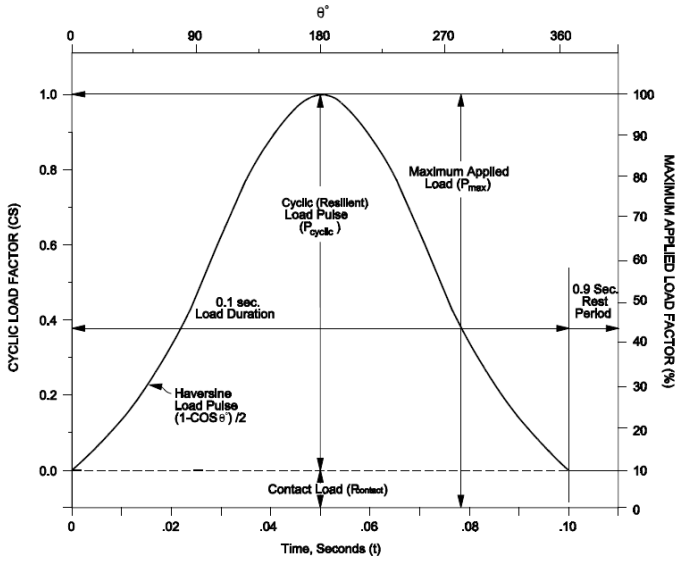


Figure 3.42 Illustration of loading waveform in AASHTO T307- 99(2005)

Figure 3.42 shows the haversine wave form of repeated vertical loadings at this stage of Mr measurements.

Table 3.12 Stress levels for resilient modulus, T307-99 (AASHTO, 2003)

Sequence No.	σ_3 (kPa)	σ_d (kPa)	σ_1 (kPa)	No. of load applications
0	103.4	93.1	103.4	500
1	20.7	18.6	20.7	100
2	20.7	37.3	41.4	100
3	20.7	55.9	62.1	100
4	34.5	31.0	34.5	100
5	34.5	62.0	68.9	100
6	34.5	93.1	103.4	100
7	68.9	62.0	68.9	100
8	68.9	124.1	137.9	100
9	68.9	186.1	206.8	100
10	103.4	62.0	68.9	100
11	103.4	93.1	103.4	100
12	103.4	186.1	206.8	100
13	137.9	93.1	103.4	100
14	137.9	124.1	137.9	100
15	137.9	248.2	275.8	100

A summary of these test results is reported in two stress level suggested by NCHRP and MRWA similar to section 3.3.7. From Figure 3.43 to Figure 3.46, it can be concluded that the development of the resilient modulus shows a slight and steady trend during cement hydration within 28 days of curing.

In addition, comparisons of the 28-day results depicted in Figure 3.26 and Figure 3.27 for stage one with the following figures indicate that the Mr values have had growths from about 20% to 80% depend upon nano silica content and stress level of saturated specimens. However, it seems that nearly in all cases the 7-day's resilient modulus of nano silica added samples are also more than 28-day's resilient modulus of control samples without nano silica.

The benefit of this subject required to be verified in carbonation condition. As such, the following section deals with results of 28-day samples which were subjected to the accelerated carbonation condition to measure resistance of nano silica added specimens.

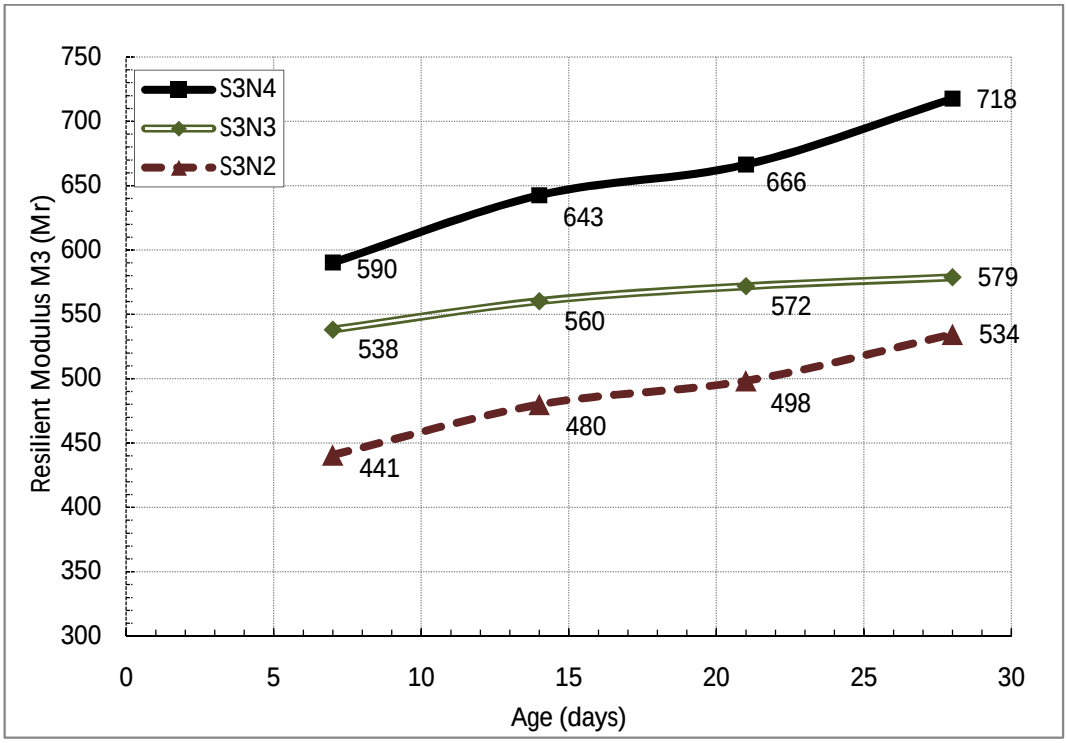


Figure 3.43 Resilient modulus versus curing time for subset of batch S3, θ=400 kPa

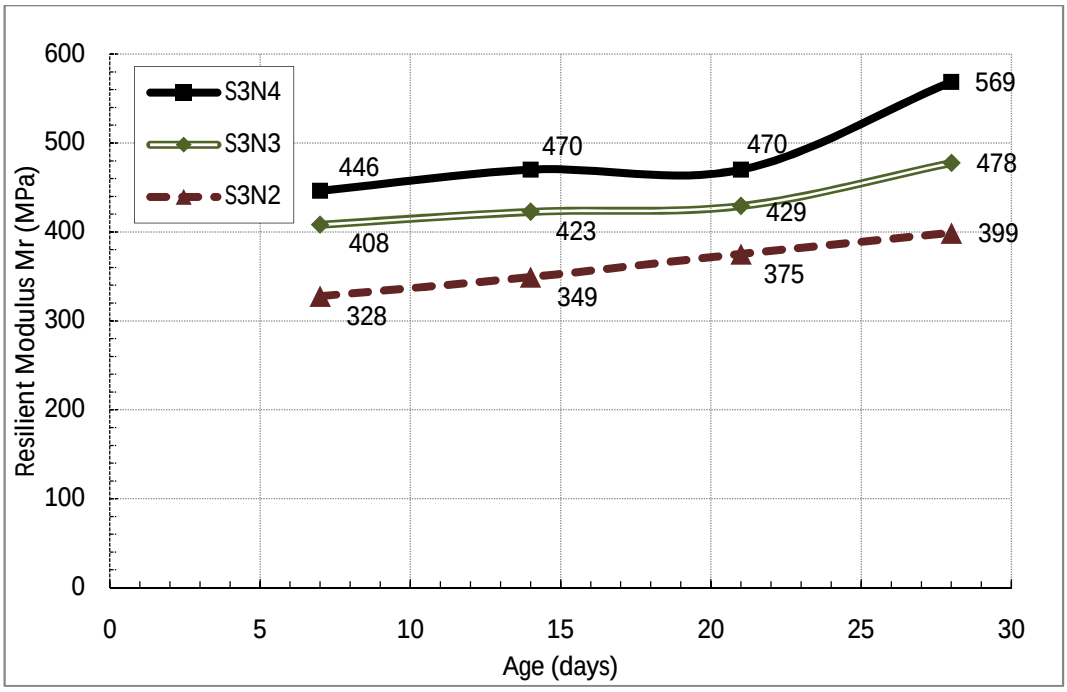


Figure 3.44 Resilient modulus versus curing time for subset of batch S3, θ=205 kPa

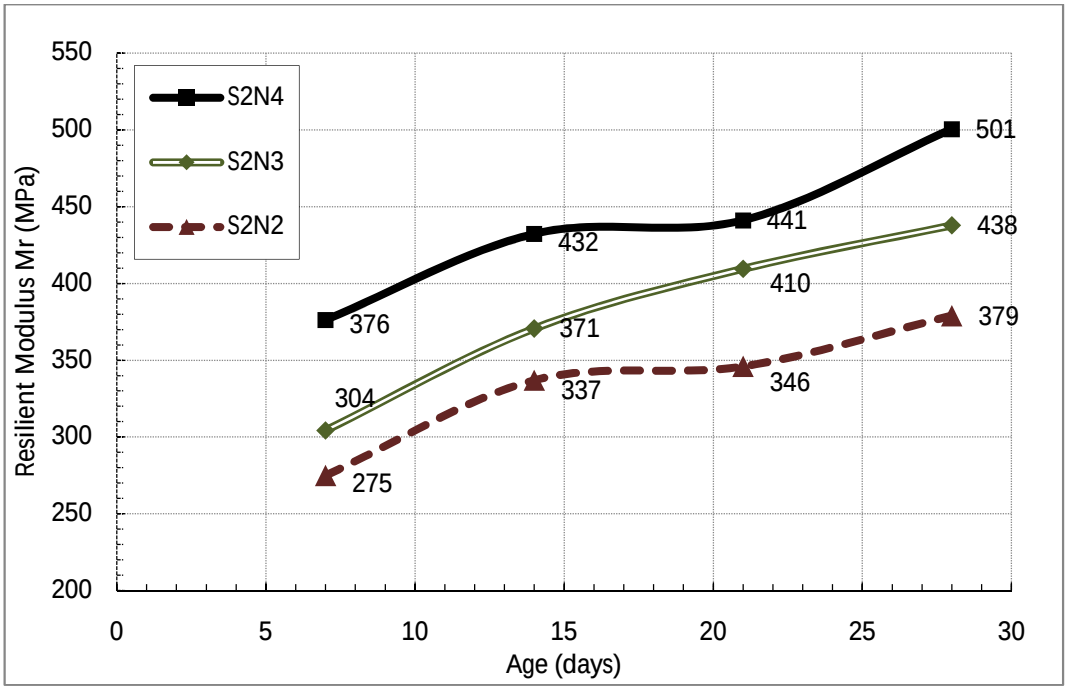


Figure 3.45 Resilient modulus versus curing time for subset of batch S2, θ=400 kPa

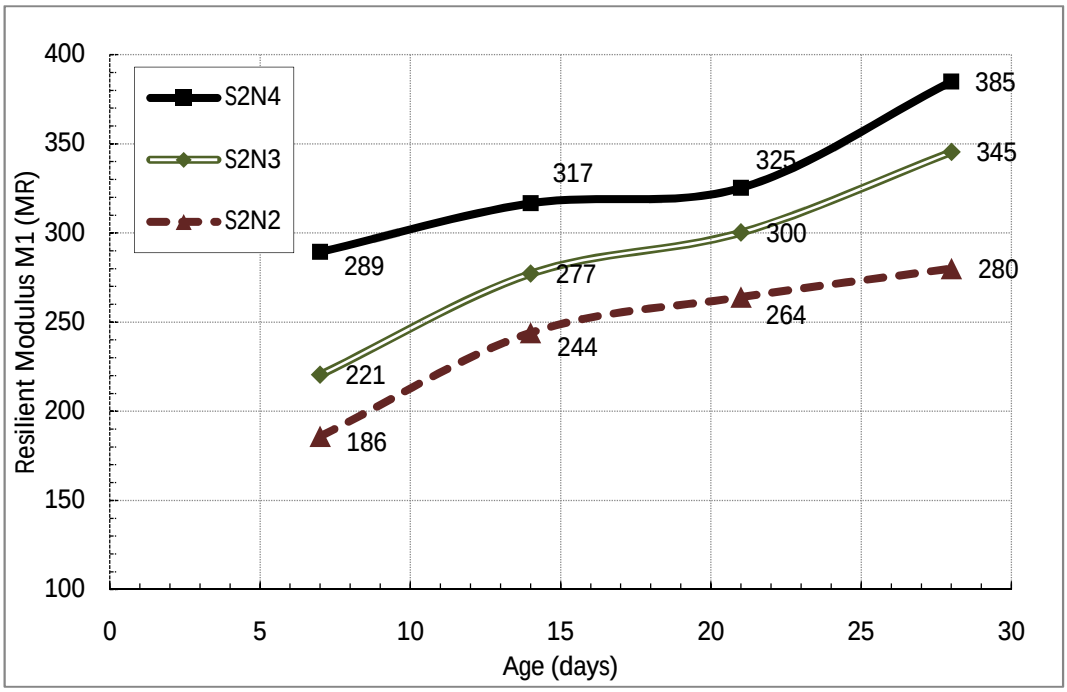


Figure 3.46 Resilient modulus versus curing time for subset of batch S2, θ=205 kPa

The relationships of the nano silica content with Mr changes are assessed in the next chapter to see whether any equations can be developed for design related purposes. These kinds of equations might benefit in the facilitation of nano silica content determination.

3.5 STAGE FOUR: Accelerated Carbonation Conditions

In stage four, all of the previous mix designs used throughout this research were exposed to high carbon dioxide conditions at 3% to assess and characterise the CRB modified materials. The focus was mainly on mechanical tests like UCS and resilient modulus since they directly influence the performance of the material. Further wet/dry tests or shrinkage tests were too difficult to carry out due to the instability of carbonated samples during testing or measurement. SEM imaging methods were therefore employed to gather real observations of the changes in the internal structure of the specimens.

The SEM images gave a better understanding of the microstructural changes in comparison to indirect methods by porosimetry measurements, as noted in section 2.6.1. SEM studies provide more reliable information regarding pores and their sizes in the mixture than porosimetry tests by the mercury intrusion

method (Diamond & Kjellsen, 2006). This could partly be due to isolated pores that are difficult to trace by common measurement techniques, such as mercury, nitrogen or water intrusion porosimetry methods. These methods are usually applied to indicate the pore size distribution and surface area of paste samples.

Before going further, some general explanation is provided regarding accelerated carbonation conditions and SEM imaging features.

3.5.1 Accelerated Carbonation Set-up

The process of carbonation is known to be a long-term reaction especially in concrete. Thus, a chamber with a significantly higher CO_2 concentration has to be utilised to accelerate the slow carbonation reactions. This idea has been used broadly in research related to concrete technology. Other influential parameters such as humidity and temperature can also be manipulated in this artificial environment. Some recent and typical advances in this area have been provided by Atis (2003) and Chen et al. (2007) for large specimens that could fit to the requirement of this investigation as shown in Figure 3.47. Gervais et al. (2004) also provided a similar diagram suitable for smaller specimens with 50 mm dimensions in the glass desiccators.

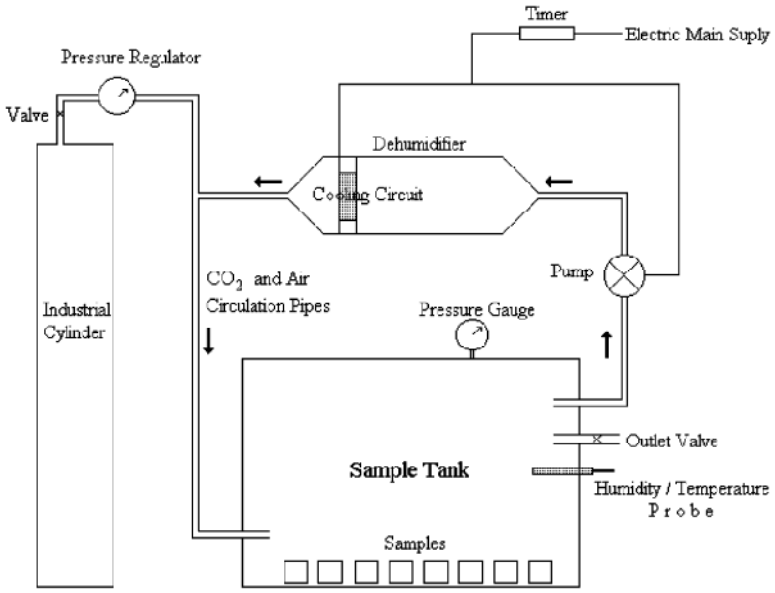


Figure 3.47 A typical accelerated carbonation set-up (Atis, 2003)

These diagrams provided enough information for a similar, simpler set to be produced at Curtin University for use with pavement materials. One initiative as alternate for CO_2 supply was the using of specific and determined mass of dry ice to be replaced with cylinders. Although this idea could make the work easier, manipulating CO_2 concentration might be difficult for other purposes as concrete research. Finally the following chamber was devised for more general purpose studies.

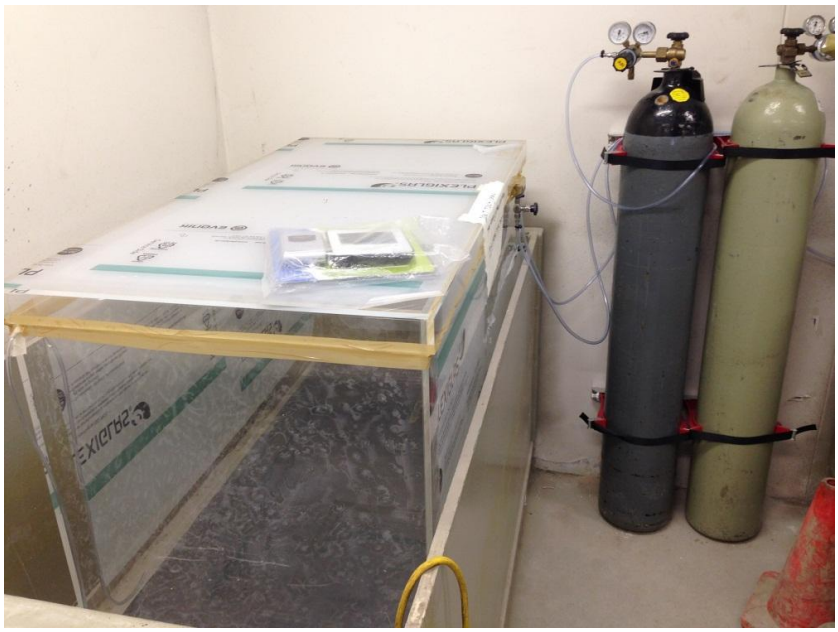


Figure 3.48 Prepared set-up for accelerated carbonation

Figure 3.49 CRB modified specimens in carbonation chamber

3.5.2 CO_2 and Humidity Condition

The evaluation of the carbonated characteristics of cementitious material in accelerated cases requires a higher CO2 concentration than ambient conditions. In this case, an elevated concentration level of CO2 directly influences the carbonation rate as described in equation (2.9) in Chapter Two.

The NTbuild 357 test method (Nordtest, 1989) for concrete samples suggests a CO2 concentration of 3% and a relative humidity of 50% for accelerated carbonation conditions. According to equation (2.9), this concentration of CO2 can accelerate carbonation reactions by 100 times more than ambient conditions with 0.03% CO2 concentration. In this research, the stage two and three specimens were kept in 3% CO2 conditions for two weeks to assess the UCS, Mr and carbonation depth variations over time.

During this investigation the ambient relative humidity fluctuated between 50% and 60% and there was no need for humidity adjustment. In addition, the moisture content of the test specimens was adjusted to 60% of the moisture ratio to approximately simulate the 50-60% relative humidity conditions for internal voids and also to take into account the dry back requirement laid out in Specification 501 of MRWA (2012).

Over two weeks and at regular intervals of 3, 7 and 14 days, each specimen was examined for Mr and carbonation depth measurements. Further details of each activity are presented in the following sections.

3.5.3 Unconfined Compression Strength (UCS)

Duplicate specimens from each batch were prepared and broken according to AS 1141.51-1996. The preparation of specimens was kept quite similar to ensure the comparability of the results for non carbonated and carbonated samples under the same conditions. Figures 3.50 to 3.52 show a summary of the compression tests after two weeks' curing under accelerated conditions. From Figure 3.50, it can be seen that the specimens from batch S2 fall outside of the range nominated in the design guide by Austroads (2006), but the specimens of S3 can be considered to fall within the lower range of the design limits.

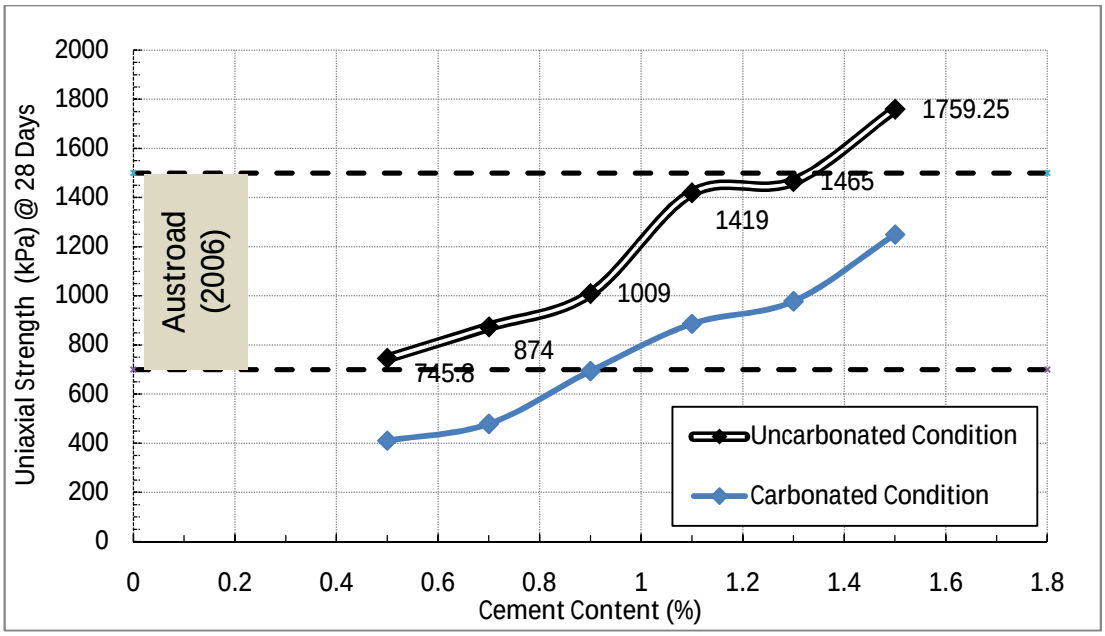


Figure 3.50 UCS test results for six batches (accelerated carbonation condition)

On the other hand and according to Figure 3.51 and Figure 3.52, although the addition of nano silica had a positive effect by increasing the compression strength even in post carbonation conditions, the specimens from the S2 batch are still slightly below the minimum required UCS. In Figure 3.51, however, it seems that batch S3 can provide the desired strength proposed by Austroads (2006).

An overall examination of these graphs indicates that carbonation can cause strength reduction for about %30 to 45% that can be considered significant according to design or durability requirement. This can bring high undesired deformations for wearing course of pavements that requires appropriate attentions in the design process.

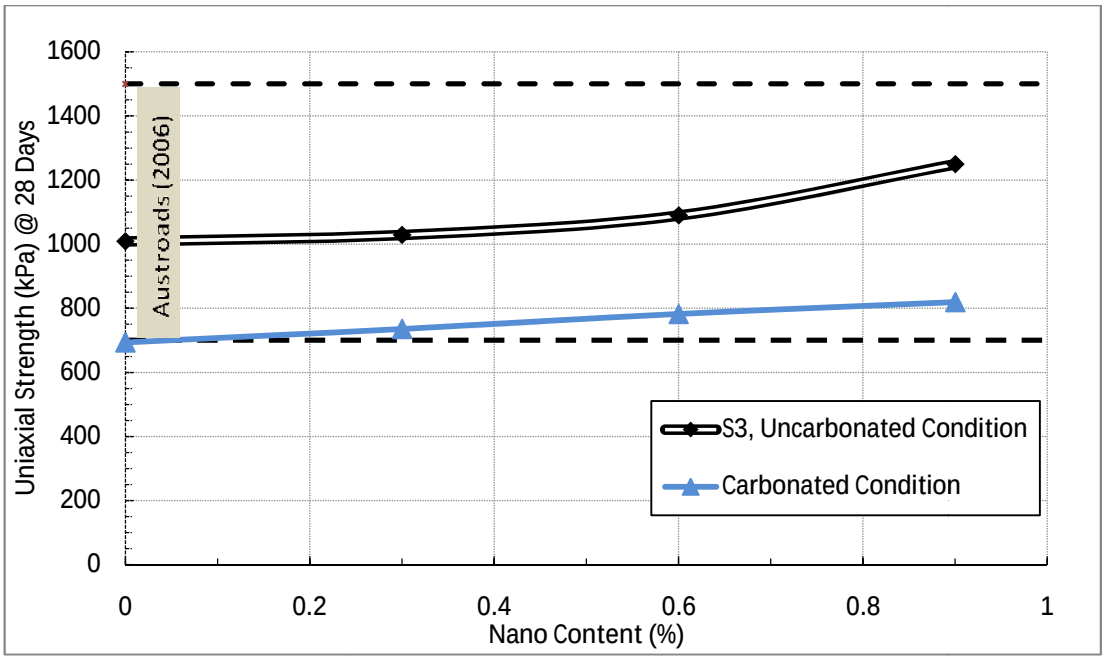


Figure 3.51 UCS test results for batch S3 (accelerated carbonation condition)

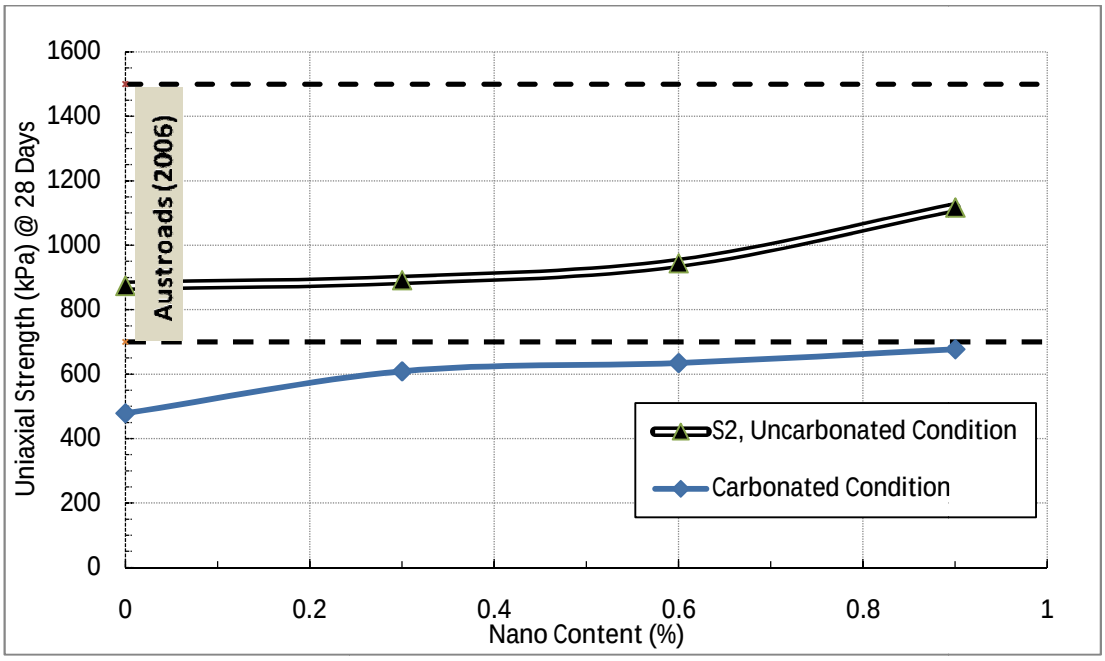


Figure 3.52 UCS test results for batch S2 (accelerated carbonation condition)

3.5.4 Resilient Modulus

As noted earlier in section 3.4.6, the specimens from stage two and three were considered in accelerated condition. The test protocol of T307- 99 by AASHTO (2003) was also used for doing the resilient modulus measurements. Figure 3.53 to Figure 3.56 show a decreasing trend in Mr

values during the progress of carbonation under two separate stress levels suggested by NCHRP (about 205 kPa) and MRWA (about 400 kPa).

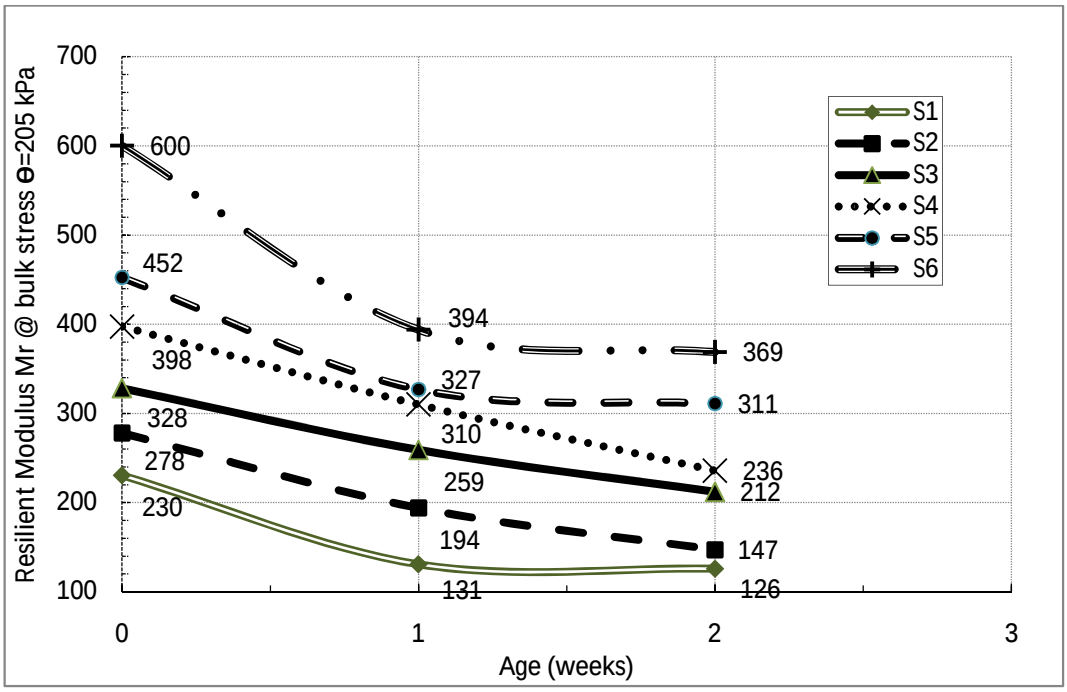


Figure 3.53 Mr results for carbonated samples in stage two, θ=205 kPa

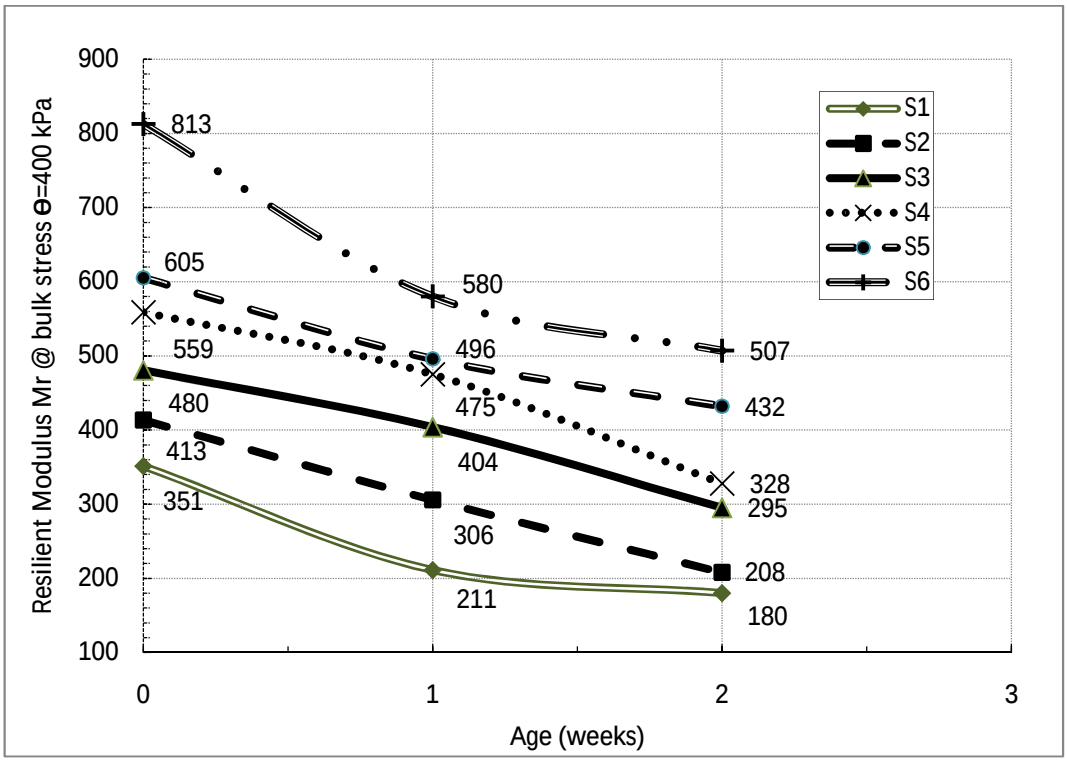


Figure 3.54 Mr results for carbonated samples in stage two, θ=400 kPa

For the six initial batches in stage two, significant changes were seen mainly during the first week (Figure 3.53 and Figure 3.54). During the second week, the decline in modulus has a slight trend.

In Figure 3.55 and Figure 3.56, similar norms exist for nano silica added specimens. There is a roughly steady trend for reduction, which can be useful in finding and developing time dependent relationships for Mr estimation over time.

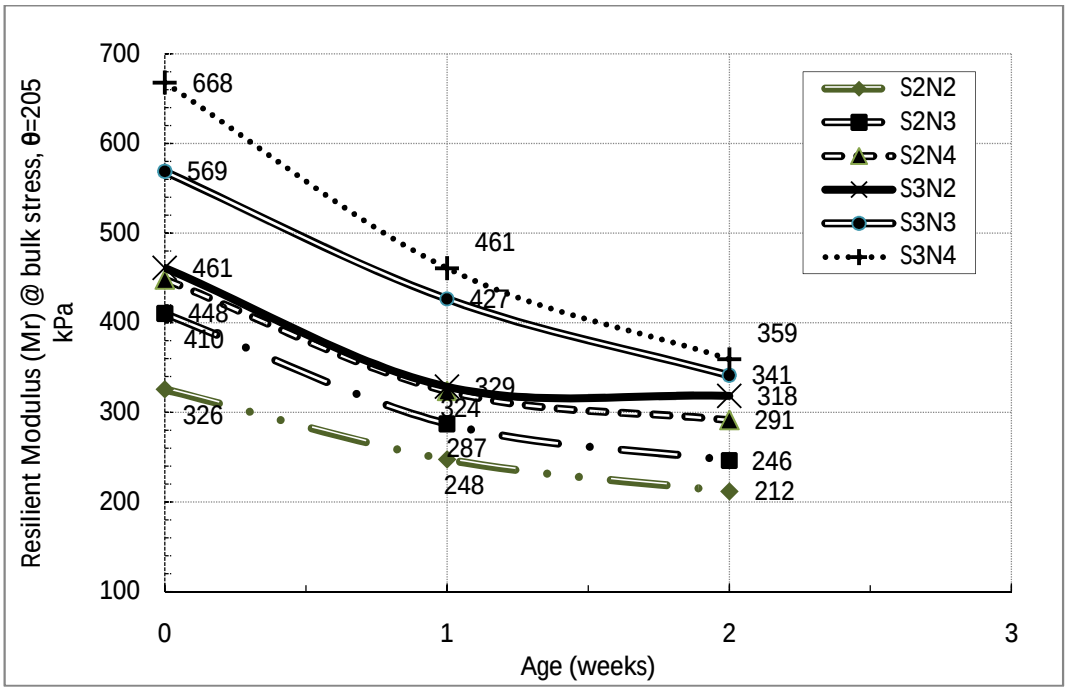


Figure 3.55 Mr results of carbonated samples in stage three, θ=205 kPa

Similar to last section results, an overall examination of these graphs indicates that carbonation can cause resilient modulus reduction for about %35 to 50% that is a little more than UCS reductions. As such, these results require more evaluations by regression analyses to investigate likely correlations to other test results and developing likely time dependent relationships between Mr and binder constituents which are presented in the next chapter.

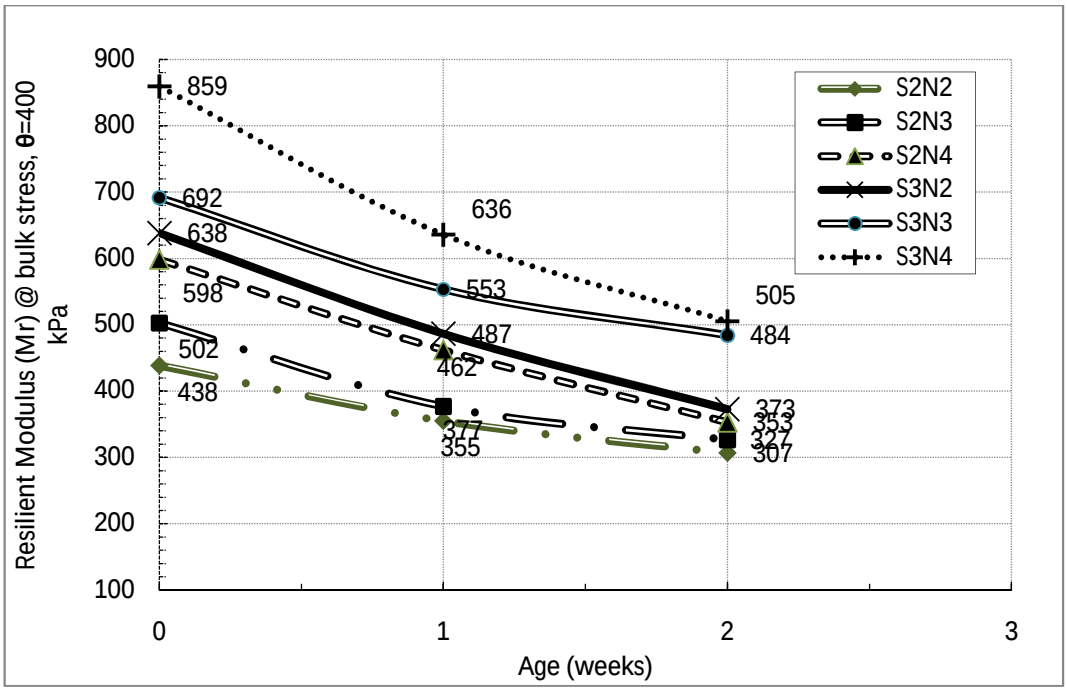


Figure 3.56 Mr results of carbonated samples in stage three, θ=400 kPa

3.5.5 Carbonation Depth

Cylindrical specimens of selected batches of 100 mm in diameter and 200 mm in height were used for carbonation depth measurements. The specimens were prepared using the same procedure as for the UCS test and were cured for 28 days. Then they were subjected to accelerated carbonation while they were sealed at the sides and uncovered at the ends in order to study carbonation diffusion in a longitudinal direction, as shown in Figure 3.49.

Under high CO2 conditions, each specimen was carefully scratched with a wire brush or hard tool to avoid any damaging or crushing of samples. The strength of the specimens was not sufficient for cutting with a saw machine like concrete. This technique was required to provide fresh or non carbonated surfaces for phenolphthalein spraying as noted in section 2.4.6. Photographs of typical outcomes are shown in Figure 3.57 and Figure 3.58.

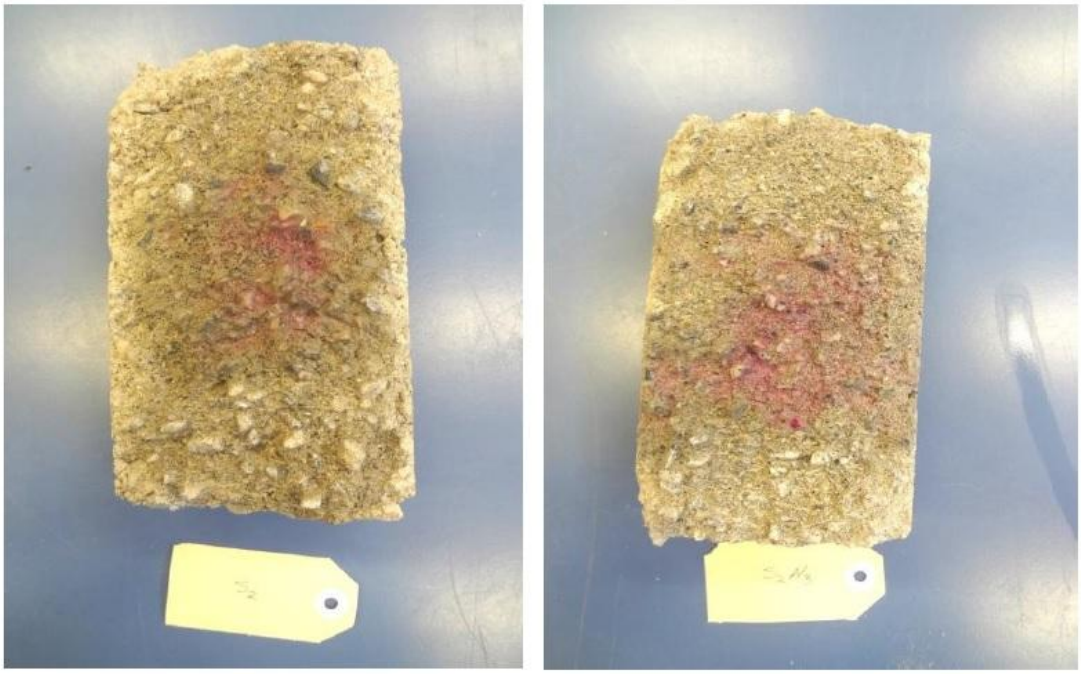


Figure 3.57 Phenolphthalein spraying at 7days, 3% CO_2, specimens of S2 and S2N3

In this figure, traces of hydration products are observed in the middle zone of specimens from the S2 (left) and S2N3 (right) batches. There are also obvious signs of uneven distribution of carbonation in the samples.

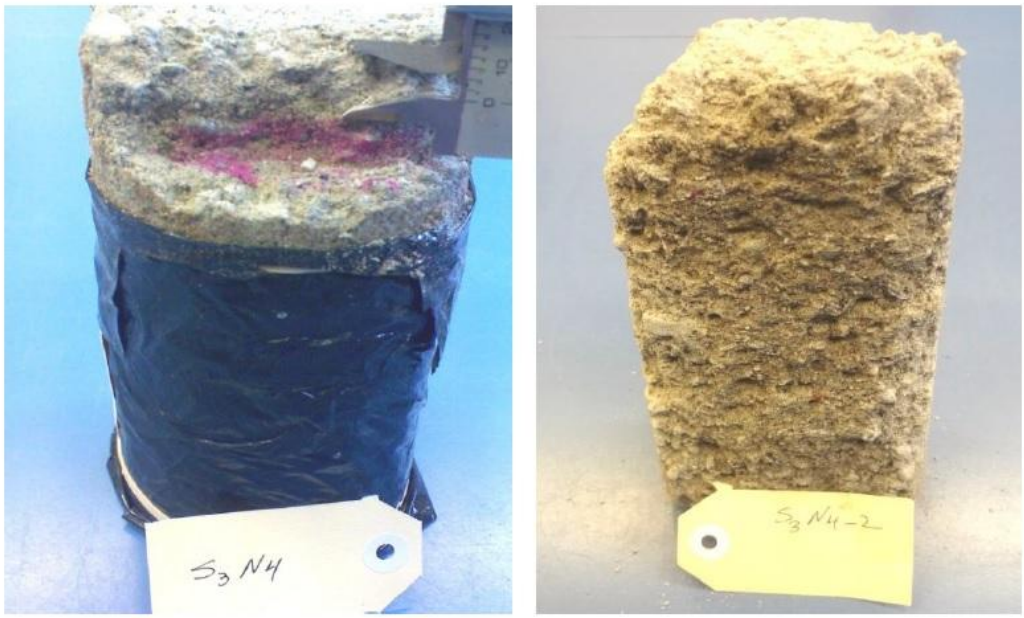


Figure 3.58 Carbonation at 3 (left) and 14 (right) days at 3% CO_2, specimens of S3N4

Detail of carbonation depth measurements is presented in Table 3.13 and Table 3.14. These tables show the rapid carbonations in the early days,

leading to full carbonation at 14 days in accelerated condition. This period of time is approximately 140 days of normal ambient condition as explained before.

Table 3.13 Depth of carbonation (mm) in 3% CO_2 condition, set of batch S2

Time (days)	0	3	7	14
S2	0	32	52	100
S2N2	0	28	49	97
S2N3	0	23	43	95
S2N4	0	21	39	91

Studying of these tables shows that the inclusion of nano silica was effective in reducing carbonation rates, although each specimen was completely carbonated after a certain time.

Table 3.14 Depth of carbonation (mm) in 3% CO_2 condition, Set of Batch S3

Time (days)	0	3	7	14
S3	0	28	49	98
S3N2	0	26	47	94
S3N3	0	24	41	93
S3N4	0	18	36	89

To further investigate the internal changes, the specimens of batch S3 were subjected to SEM imaging and observation.

3.5.6 Scanning Electron Microscope (SEM)

The SEM method provides the surface and subsurface images of samples for microstructural studies. This type of microscope has higher resolution and a magnification of up to 2 million times, compared with a light microscope with magnification up to 1000-2000 times.

In SEM, electrons are accelerated with a voltage of 1 to 30 kV and are emitted towards target samples. Scanning is simultaneously in two perpendicular directions over a square or rectangular area of the specimen, called a raster (Egerton, 2005).

When the beam of focused electrons hits the sample it interacts with the specimen atoms and generates low-energy electrons. The reflected electrons can be collected and deflected within a cathode-ray tube (CRT) to generate the required signals for images. A schematic diagram of the SEM is shown in Figure 3.59.

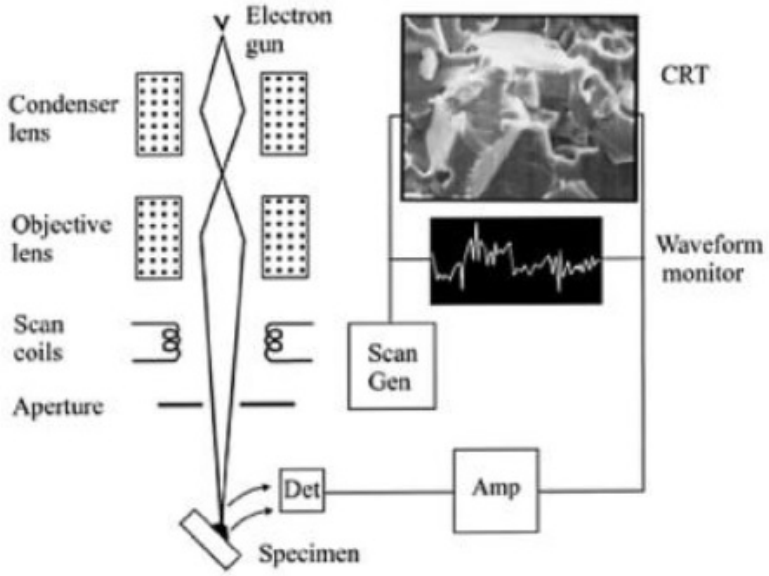


Figure 3.59 Schematic diagram of a scanning electron microscope (Goodhew & Humphreys, 1988)

The images obtained show features such as particle size and shape, surface roughness and fractures in the surface. In case of this research, these images can give more information about cement hydration or carbonation products in terms of the manner of distribution of crystals, pores and silica gel, as explained in the following sections.

SEM images were taken in two modes, Secondary Electron (SE) and Backscattered Electrons (BSE). The BSE method applies a higher energy level than the SE method, thus it has a greater electron penetration depth (Scrivener, 2004).

In this research, a Zeiss Neon 40EsB focussed ion beam scanning electron microscope (FIBSEM) was used. This microscope has a field emission electron gun providing high brightness and high resolution (0.8 nm achieved). It has the usual array of secondary electron (SE) and backscattered electron

analyses (BSE) detectors as an integrated EDS/EBSD facility. These methods of imaging are described before further details on the imaging procedure in this research.

3.5.6.1 Secondary Electron (SE) Analyses

The interaction of the electron beam with the specimen ionises the specimen's atoms which leads to the release of signals with different levels of energy, including x-rays, Auger electrons, and secondary electrons (see Figure 3.60). Secondary electrons (SE) are generated from the near to surface zone and have energies less than 50 eV. They are used to image the surficial characteristics of a sample.

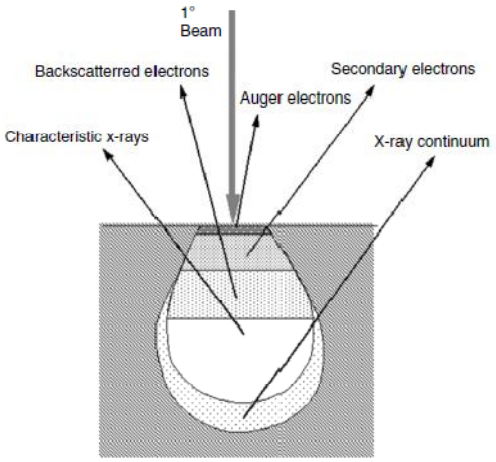


Figure 3.60 Schematic of signals generated during SEM imaging (Zhou & Wang, 2007)

SE images can be taken on fractured or unpolished samples to investigate surficial texture and crystal morphology. They can clearly show the characteristics of the CSH gel but cannot provide reliable output regarding the evaluation of the phase abundance of paste in comparison with BSE method.

3.5.6.2 Backscattered Electron Analyses (BSE)

Backscattered electron (BSE) is a mode of SEM imaging techniques, and has been shown to be of great benefit to the study of cementitious materials (Scrivener 2004).

In this mode, 15 kV to 20 kV voltages are used to accelerate electrons. The electrons therefore penetrate more deeply, about several micrometres below the sample surface of the specimen, and show additional information about the composition of the specimen. BSE images illustrate the internal architecture of hydrated cement systems (Diamond, 2004).

The images are most useful if all topographic features are removed, i.e. the specimen has a flat, planar and highly polished surface. The phases of greater atomic number appear brighter in the images (Kjellsen et al., 1991). The resolution of images can reach the level of nanometers for the SE method, while for the BSE method this resolution limit changes to about 0.25 µm.

The observation of aggregates or paste arrangements requires low magnifications, but studying the morphology of crystals or hydration constituents suits high magnifications up to 20 ηm.

The magnifications used for BSE images in this project were 100 X and 1000 X for comparative studies. In these images, the boundaries between phases are not ideally perpendicular to the sample surface and they thus appear to be slightly blurred.

Anhydrous cement grains appear as the brightest particles (white) which are followed by other constituents like calcium hydroxide (CH) and calcium-silicate-hydrate (CSH) which appear as different shades of grey (Stutzman, 1994). The voids or epoxy-filled pores normally have the darkest colours (almost black), as shown in Figure 3.61.

Despite the difficulties in preparing polished specimens, the other advantage of BSE is the possibility of obtaining chemical composition microanalyses using the Energy Dispersive X-Ray Spectroscopy (EDS) facility to obtain phase type and distribution.

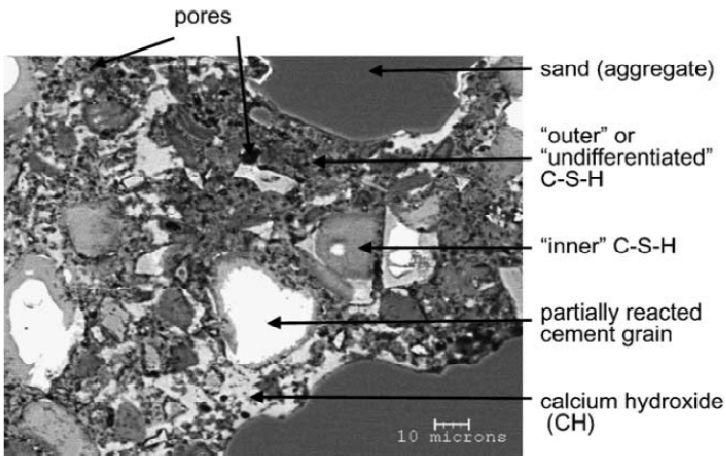


Figure 3.61 Typical BSE image of a Portland cement mortar (Scrivener, 2004)

3.5.6.3 Energy Dispersive X-Ray Spectroscopy (EDS)

As shown in Figure 3.60, X-rays are also generated while bombarding a specimen with high energy electrons. As such, a microanalysis system equipped with an energy-dispersive detector can collect a whole spectrum in a short time period. The wavelength detector can also acquire the spectrum in sequences. Results are shown graphically as the number of counts versus each energy interval of X-ray energy. The analysis of peaks on the spectrum, determines the available chemical elements and their concentration in a selected spot or line.

This energy spectrum is analysed by software in order to determine the abundance and concentration of elements within a spot size of 1–2 µm. Since the effective detection radius of 1–2 um is larger than the size of many hydrate phases, thus microanalysis will typically describe mixtures of constituents in the specimen.

The relative concentration of elements can also be provided by line scan analysis using this equipment. In other cases, a broader raster scan can give the element composition maps that are used mainly in this research.

However, combining the results in terms of the structural features from SE, grey colour levels analysis from BSE and the EDS results can help to identify and quantify various phases of the hydration products.

3.5.6.4 Features of Hydration and Carbonation Products in Images

- Silica Gel (CSH)

CSH gel form as a product of alite (C_3S) and belite (C_2S) hydrations in cement and is combinations of quasi-amorphous particles and masses containing calcium, silica and water. Differing stages of deposition and hardening bring various structures and porosities for silica gel, which vary slightly throughout the paste (Diamond, 2004).

Previously, Diamond (1976) suggested a quadruple classification of silica gel according to its hydration stage, structure and porosity.

But Stutzman (2000) has classified two types of silica gel. In appearance, Type I is short needles like in fine bundles and Type II is platy or foil like. The fine fibrous or dendritic structures of Type I are obvious in Figure 3.61. This type of gel is in the early ages of hydration where needles with a length of 0.5 µm to about 2 µm seem to be not parallel and narrower in their outer ends Diamond and Kjellsen (2006).

Type II in the Stutzman classification is very similar to the Type II and III classified by Diamond and Lachowski (1980) as shown in Figure 3.62 to Figure 3.64.

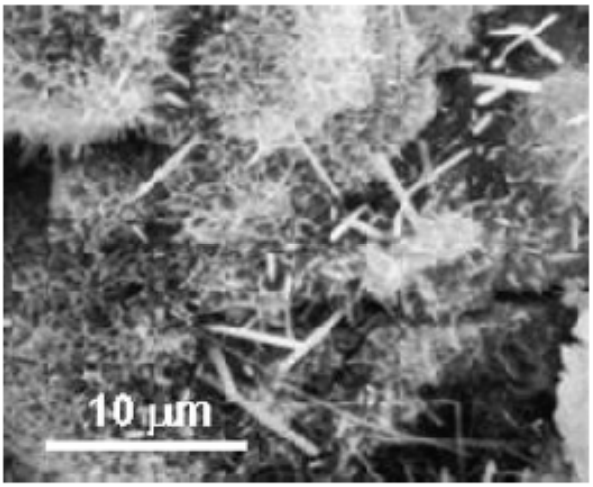


Figure 3.62 Short, branched fibrous structure of CSH Type I near large Ettringite rods (Diamond & Kjellsen, 2006)

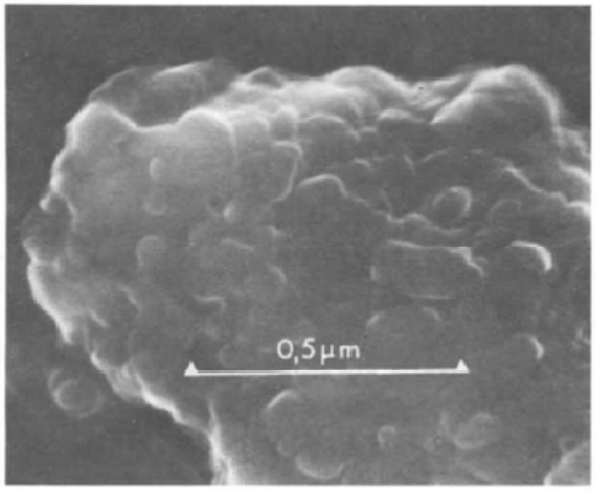


Figure 3.63 CSH gel Type II, reticulated network (Diamond & Lachowski, 1980)

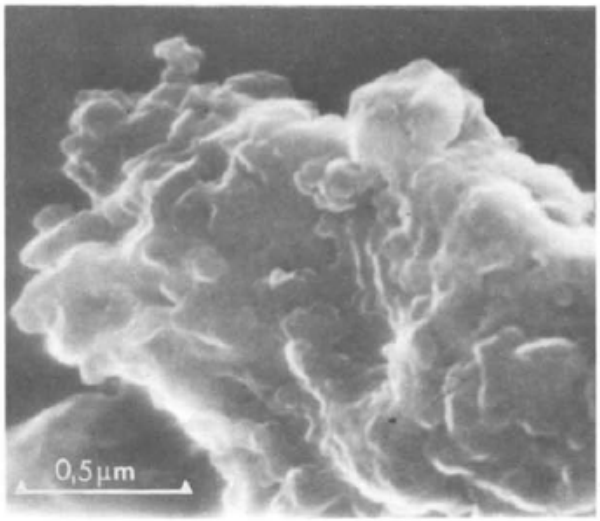


Figure 3.64 CSH gel Type III, equant grain (Diamond & Lachowski, 1980)

Similar to Stutzman (2000), Tennis and Jennings (2000) classified CSH gel into two types, being low density (LD) and high density (HD) with densities around 1.44 g/cm3 and 1.75 g/cm3, respectively. The low density type corresponds with the outer products and the high density type with the inner products of gel as seen in Figure 3.65. These differences in density affect the grey colour level of each BSE image.

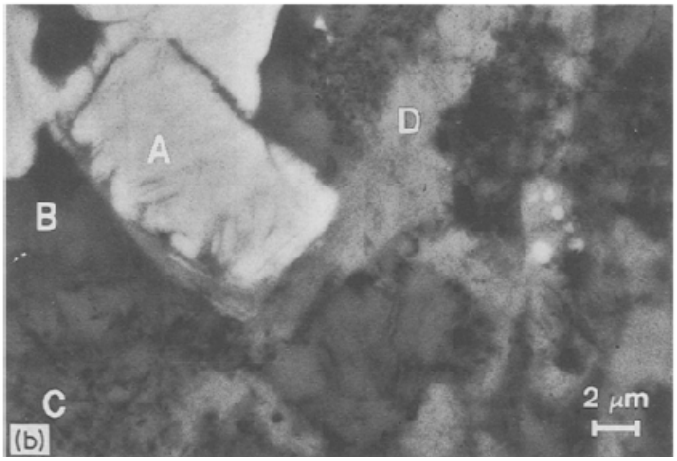


Figure 3.65 BSE image of a cement paste, Struble and Stutzman (1989) (A) unhydrated clinker, (B) inner or HD type CSH, (C) porous outer LD type of CSH gel and (D) Ca(OH)2

The inner type CSH gel is generally featureless in texture, but the outer products include deposits of water, calcium hydroxide (CH) and Ettringite, monosulfate, etc.

The CSH gels, like the calcium hydroxide released during the hydration of cement, are at risk of attack by carbon dioxide, resulting in expansion of the silica gel mass, forming calcium carbonate crystals. This can have a deleterious effect on the strength of the cemented material if the tensile strength of the material is exceeded by the expansive force (Paige-Green 1991). This effect is particularly important in cement stabilisation of soils, more so than in concrete where much higher tensile strength is achieved.

- Calcium Hydroxide (CH)

Calcium hydroxide or Portlandite often has two morphological forms in cement paste, either elongated crystals or massive (Stutzman, 2000). The elongated crystals have hexagonal cross sections from early-formed CH. Hexagonal crystals might form while unrestricted growth is possible. In other words, the growth of euhedral crystals depends on the presence of sufficient space due to pores. With the progress of hydration, crystal shapes change to subhedral and anhedral while the pore sizes decrease as shown in Figure 3.66. The massive type of CH might form after the initial hydration process where the fine-grained habits fill the voids in the CSH.

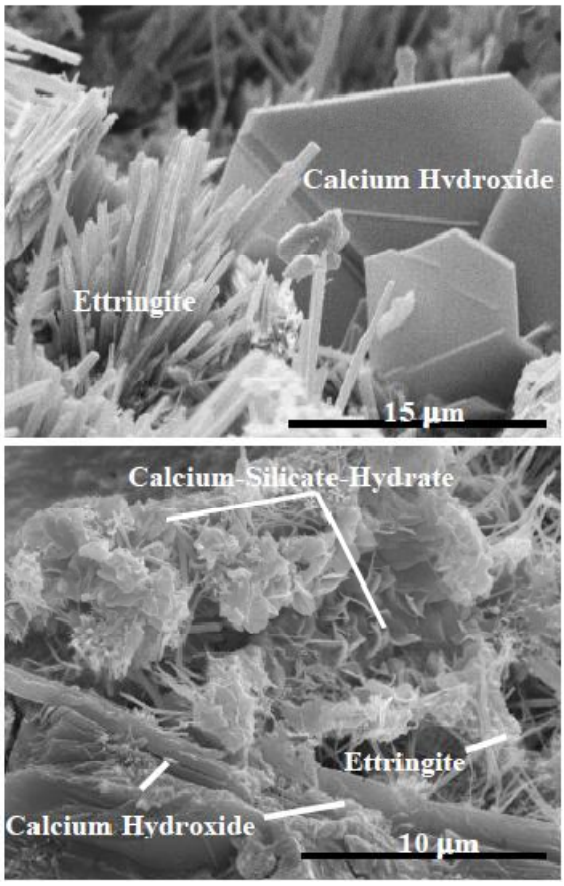


Figure 3.66 SE images of cement paste and its constituents (Stutzman, 2000)

- Calcium Aluminium Hydroxide (Ettringite)

In the early ages of hydration there are often excessive ettringite needles that have a hexagonal morphology and are less than one micron across. However, they either exist in older ages as individual crystals or intermixed with CSH.

- Calcium Carbonate

There are three common polymorphs of pure calcium carbonate called calcite, vaterite and aragonite. Calcite is the most thermodynamically stable product at room temperature and without additives normally forms rhombohedral or square shaped crystals as shown in Figure 3.67. The other two types of calcium carbonate are formed by precipitation processes in industry where CO2 is passed through CH solution at temperatures above 85°C for aragonite and 60°C for Vaterite. These two types have a metastable hexagonal structure at room temperature.

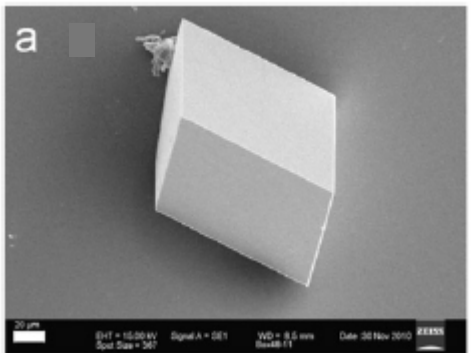


Figure 3.67 SEM images of Calcite rhombohedral crystals (Massi et al., 2012)

The presence of some diverse elements and their oxides in cementitious pastes often provides some impurities for calcite as a carbonation product.

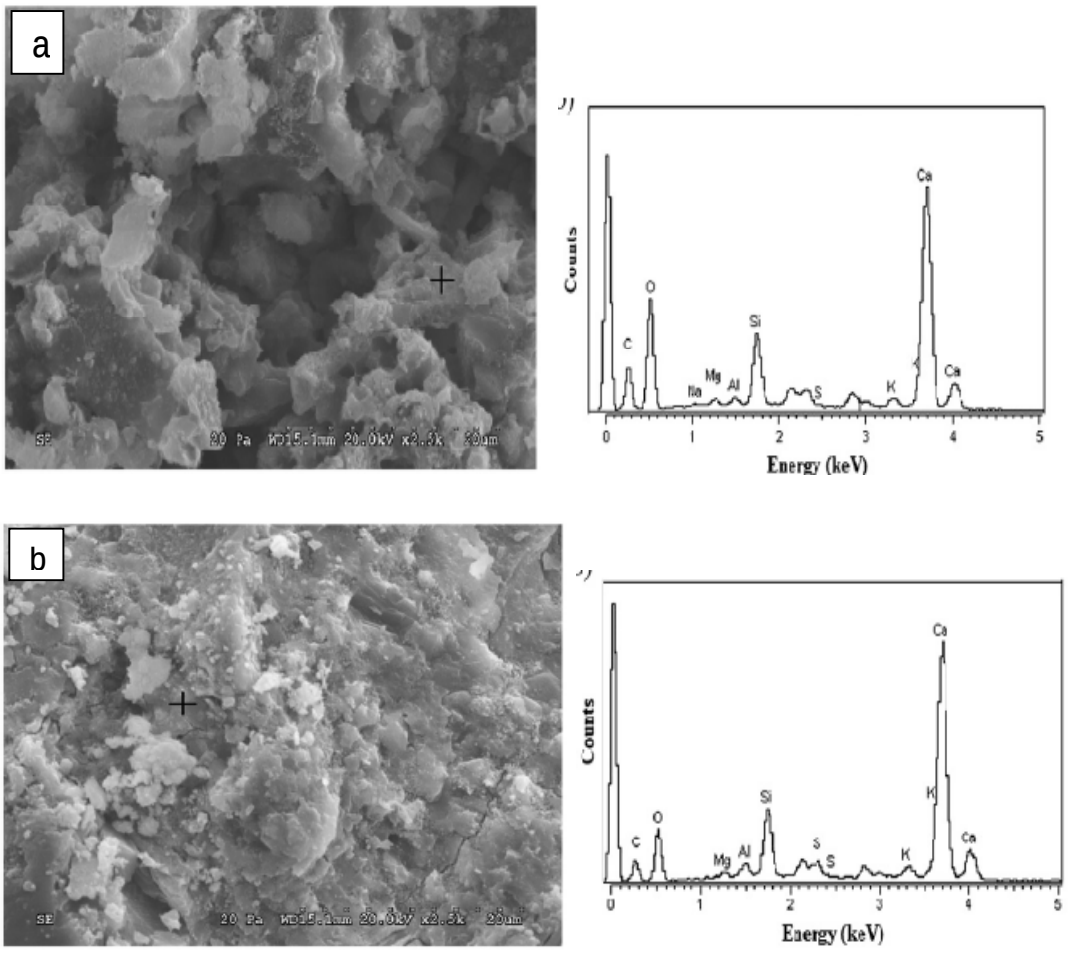


Figure 3.68 Carbonated cement at 20 day (a) and 28 days (b) of hydration and their EDS analysis (Rostami et al., 2012)

Thus, finding well-formed crystals like those illustrated in Figure 3.66 can be difficult. Figure 3.68 shows a typical case with subhedral to anhedral crystals in a carbonated cement paste at different stage of hydration.

These features of cement hydration and carbonation products in the SEM method provide some insights in the later interpretation of images. They also give some views during the imaging process by browsing different spots of specimens to pursue the matters in question.

The other important stage of SEM work is sample preparation, which has a direct effect on the quality of images. The next section provides further explanation.

3.5.7 Procedure of Sample Preparation

3.5.7.1 General Considerations

The preparation procedure for SEM specimens depends upon the contrast between interesting features in images. The procedures are not definite (Feng et al., 2012) and are stated in general by Echlin (2009).

However, based on equipment specifications and previous experiences, some guides are provided in related research by Struble and Stutzman (1989) and Kjellsen et al. (2003)

The SEM instrument has a high vacuum chamber and operates in the very dry environment required for a high-energy beam of electrons. Dry specimens also need to have beam sensitive elements and be poor conductors. The specimens can be in the form of powder, small fractured pieces or epoxy impregnated blocks of samples.

In all cases, they are covered with a thin conductive layer to ensure that the bulk of emitted electrons will pass to ground. This is necessary for the production of clear images based on the collection of the different signals scattered from the specimens (Echlin, 2009)

The other factor for SEM specimens is their size. For example, size of most SE specimens should allow them to fit onto the so-called Cambridge aluminium stub, which is 12 mm in diameter and 3 mm thick. As such, the specimens generally are made as small as possible without disturbing the features of interest (see Figure 3.69).

Figure 3.69 Secondary electron specimens of batch S3 before coating on stubs

These factors need considerations are necessary before providing bulk samples of materials for effective SEM specimens

3.5.7.2 Sample Casting

Due to the specimen size limitations, all aggregate particles larger than 1.18 mm (in diameter) in CRB material were sieved and removed before batching of the S3 mixture. The rest of mixing procedure was similar to that for the UCS test method; i.e. fine aggregates, cement and fly ash were put in a mixer for two minutes under dry conditions. Nano silica was then added to water and mixed in a shaker separately. Finally, the nano/water solution was introduced to the dry batch material and mixed up for five additional minutes

Metal cast trays including a set of nine individual 50mm size cubes were selected for hand compaction using a tamping bar. The mixtures were added in three layers following the standard compaction method to achieve the required densities. After compaction, the samples were kept in a humidity chamber with controlled temperature for seven days. After a week, they were taken out of the tray and stored wrapped in plastic for 28 days as shown in Figure 3.70.

Table 3.15 Specimens of batch S3 and their specification for SEM

Specimens	1 & 5	2 & 6	3 & 7	4 & 8
Nano content (Nano/cement ratio)	0.0%	0.3%	0.6%	0.9%

NOTE:

- Batch S3 included fly ash =1.1% and cement =0.9%
- Specimens 1 to 4 are for ambient condition and specimens 5 to eight 8 are in carbonated condition.

Two cubes were considered for each quantity of nano silica in batch S3 as indicated in Table 3.15. The cubes of uncarbonated specimens were immersed in acetone to prevent further hydration. They were taken out of the acetone before the preparation of SEM specimens and kept in a vacuum pressure chamber overnight in a desiccator with anhydrous calcium chloride to make them ready for SEM preparation.

Figure 3.70 Cubic specimens of batch S3

A similar preparation procedure was utilised for the carbonated samples. The only difference was that the moisture content of the cubes was adjusted to a 60% moisture ratio as explained previously for both dry back recommendations in WA and intensified carbonation conditions. The accelerated carbonation conditions were identical to those described in section 3.5.2, but for two weeks. After this, the cube samples were dried in an oven at 70°C oven as required for the SEM procedure.

The two methods of SE and BSE had different preparation procedures, as described below.

3.5.7.3 Fractured Samples

The samples required for the SE method were fractured pieces from the cubes. The intention was to cut solid pieces of less than 10 mm in dimension from the cubes. Cutting of the samples was carried out gently using a hand cutter by pushing it over the cubes to take off small pieces, as shown in

Figure 3.69. This was due to the difficulty with direct cutting of low strength materials.

All of the fractured samples were mounted on aluminium stubs with carbon conductive tape at the bottom and carbon glue on the sides of each crushed piece. A carbon coating was then applied to ensure full conduction of electrons over the samples. The box of stubs was kept in a high vacuum desiccator for a number of days to ensure dry conditions.

3.5.7.4 Polished Samples

These type of samples are used for both SE and BSE imaging methods and pass through three separate preparation steps, called epoxy impregnation, grinding and polishing (Kjellsen et al., 2003).

Epoxy can enhance the contrast between pores, hydration products and cementitious material. Epoxy impregnation fills the voids, provides support to the microstructure and restrains the specimens against cracking. Otherwise, specimens could exhibit particle plucking, pitting and microcracking during the preparation procedure.

Before the epoxy impregnation stage, some crushed pieces with one flat surface were taken from each cube as noted in section 3.5.7. These pieces of different nano content were placed in 27 mm diameter polypropylene (PP) tube moulds as shown in Figure 3.71.

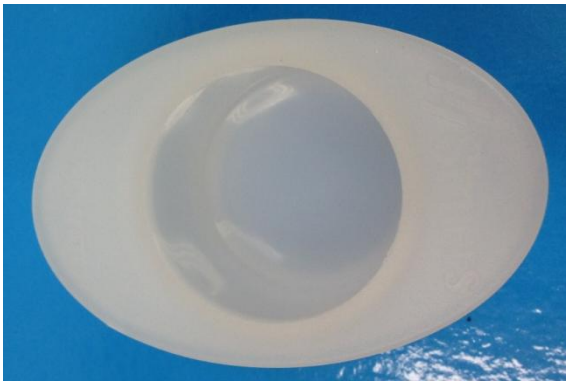


Figure 3.71 Polypropylene moulds for cylindrical blocks

A resin called Epofix from Struers was poured into the moulds to sink each solid. The moulds were then kept for eight to 12 hours in a vacuum chamber

at -60kPa pressure to remove trapped air bubbles from the epoxy resin while it penetrated into the voids in the specimen. Thereafter, the epoxy impregnated cylinder blocks were ready for polishing.

Specimen grinding was done using Minitech Z63 equipment in seven steps with a diamond wheel in order to remove surplus epoxy and make a flat and smooth surface as shown in Figure 3.72. Each grinding step took less than five minutes. The coarseness of the diamond carbide papers was reduced stepwise from 240, 320, 400, 600, 800, and 1000 to 1200 (standard ANSI grits). Water was used as a coolant to minimise heating of the sample faces during limited rotations (about 200 rpm). Special care was required to ensure that as little resin as possible remained on the face of the specimen.

Figure 3.72 Grinding equipment

The last step, polishing was carried out using Mecatech 334 equipment as shown in figure 3.73, using a polycrystalline diamond suspension to provide different levels of coarseness such as 9 µm, 6 µm, 3 µm and 1 µm, respectively. All samples were polished with an applied force of 20N for about 2–4 minutes.

Figure 3.73 Polishing equipment

After polishing, the specimens were platinum-coated for conduction purposes as shown in Figure 3.74. Thereafter, the specimens were ready for the imaging process. Just before the specimens were mounted in SEM equipment, they were rendered dust free with an ultrasonic bath for several minutes.

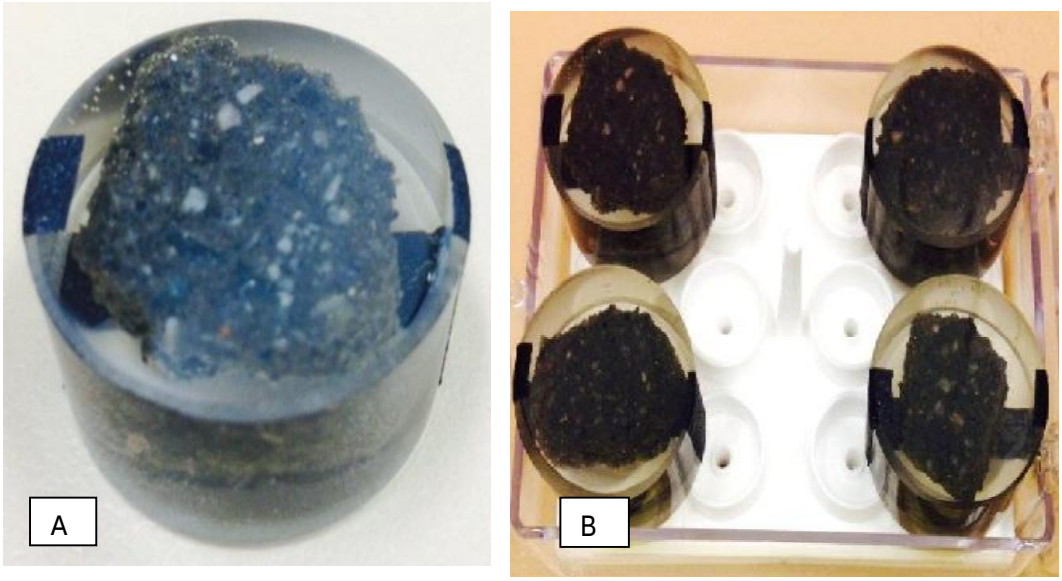


Figure 3.74 Polished specimens (A) a block with 27 mm diameter and carbon tapes at the sides (B) set of carbonated specimen's blocks with platinum coating

All of the explained details were necessary to comprehend the important features of this exploration method. Lack of enough understating of these details can directly make some difficulties in the interpretation of images.

However, the preparation of different specimens for SEM imaging methods, the microscopy work was carried out. The results will be shown and discussed in the following chapter.

CHAPTER FOUR: Evaluations and Discussions

4.1 Overview

The previous chapter described the details of the planned experimental program including the procedures for screening some mix designs in order to select suitable mixes based on various standard test methods. In addition, nano silica was included in selected mix designs for modified CRB material. The test results enabled immediate assessments to be made regarding the influence of nano silica and fly ash, as a mixture of pozzolanic material with a broad grain size distribution from the nano to the micro scale, on cement. These effects are reflected in the wet/dry cycle, shrinkage, UCS and Mr tests.

The durability investigation in section 3.4.4 showed that nano silica effectively improved the resistance of the material in wet/dry cycles. The results of shrinkage tests in section 3.4.5 revealed that nano silica product increases the length changes in the beam sample, which is hard to interpret as a disadvantage since sinc it enables the development of many small cracks, which is better than a limited number of wide open cracks in real practice (see section 3.4.5).

The promising results in improving durability by nano silica inclusion directly confirmed that the assumptions regarding the choice of this type of nano particle for the purposes of this research were reliable. However, this does not mean that other nano products do not have the ability to generating results similar to those of nano silica.

However, design parameters such as Mr or UCS showed significant improvements consistent with the Austroads (Jameson, 2008) and Note No.9 (Main Roads of Western Australia (MRWA), 2012a) design guides as described in section 3.4.3 and section 3.4.6. These results needed to be examined in carbonated conditions as discussed in section 3.5 which gave new insights regarding the post carbonation characteristics of cement modified CRB material.

Extra evaluations in terms of the analysis of the wet/dry test itself and the correlation of the UCS or Mr tests results, can provide more insights into the benefits which are necessary to better understand the limitations of the durability tests and the

characterisation of nano silica included in CRB material, under both uncarbonated and carbonated conditions.

During design or construction of pavements, better understanding of durability test methods can help more effective assessments and judgments of their results. In addition, the time dependent relationships of UCS and Mr test results can provide new ways of controlling the durability of material during service life or after carbonation.

Thus, in this chapter some items are discussed according to the following priority levels.

Firstly, a transient numerical method is used to assess the wet/dry test to discover the most likely and effective mechanism of deterioration. The outcome of this analysis will determine the dominant factor in weight loss, thus enabling the influence of the carbonation reaction in this test to be assessed.

Secondly, the carbonation model results are examined versus the carbonation depth measurements observed in the laboratory. This enables the establishment of experimental relationships that will allow the prediction of carbonation depth in CRB material.

Thirdly, both linear and nonlinear regression methods are utilised to develop any likely correlations between CRB material constituents and the time dependent parameters of Mr and UCS.

Finally, the evaluation of the SEM images is presented to provide an understanding of the microstructural changes in CRB material due to the addition of nano silica. The effects of carbonation are also investigated using these images.

Figure 4.1 illustrates the items considered in this chapter for further evaluation.

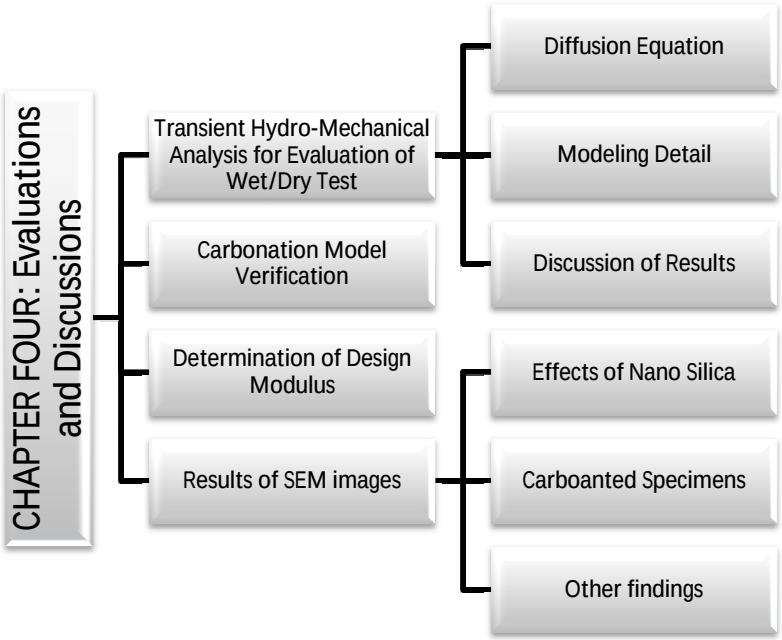


Figure 4.1 The outline of Chapter Four

4.2 Transient Hydro-Mechanical Analysis for Evaluation of Wet/Dry Test

As noted earlier, the procedure for the wet/dry cycle test (ASTM D559) aims to accelerate the weathering or deterioration of cement treated materials due to multiple factors such as swell, shrinkage, thermal expansion or carbonation. It is not clear which factor has the dominant effect on the results of this standard test method. Each factor has its own mechanism for the deterioration of cement matrix in hardened mixtures. Thus, determining the most effective factor in the wet/dry test is important for further detailed studies around each causing factor. It also would be beneficial for the further development of test methods and improvements related to durability issues.

In this test, samples were saturated and dried in consecutive cycles. The intensified moisture movement in the porous structures of specimens had to be modelled and investigated as far as possible. As such, a numerical and analytical method was developed which employed a coupled and transient Finite Element (FE) method for the hydro-mechanical procedure of the wet/dry cycle test. This approach was based on moisture diffusion induced deformations during the drying of saturated cylindrical samples in an oven at 70°C over 48 hours. Before further explanation, some brief notes about the drying process used with the cemented samples are necessary.

4.2.1 Diffusion Equation

Diffusion is the process by which a substance is transported through a system due to a concentration gradient. It entails small random molecular motions over small distances, which result in macroscopic movements in the material. In this regard, Fick's first law of diffusion relates the rate of transfer of mass through the unit area of a section to the concentration gradient, as shown in Equation 4.1(Crank, 1975)

$$F = -D\frac{\partial C}{\partial x} \tag{4.1}$$

Where F is the rate of transfer per unit area of section, C is the concentration of the diffusing substance, x is the space coordinate measured normal to the section and D is the diffusion coefficient. This law is valid while the concentrations are not time independent in the boundaries of a model. Drying of saturated samples is not a steady practice, thus a Fick's second law which is related to non-steady state condition is more useful. It can be represented as Equation 4.2, below.

$$\frac{\partial C}{\partial t} = D\left(\frac{\partial^2 C}{\partial x^2} + \frac{\partial^2 C}{\partial y^2} + \frac{\partial^2 C}{\partial z^2}\right) \tag{4.2}$$

This equation can be rewritten in the cylindrical coordinate system as

$$\frac{\partial C}{\partial t} = \frac{1}{r}\frac{\partial}{\partial r}\left(rD\frac{\partial C}{\partial r}\right) \tag{4.3}$$

Assuming constant surface concentration for a cylinder with radius a as

$$C = C_0, r = a, t \geq 0$$
$$C = C_1, 0 < r < a\,, t = 0$$

Following the variable separation method, the solution can be expressed as follows:

$$\frac{C - C_1}{C_0 - C_1} = 1 - \frac{2}{a}\sum_{n=1}^{\infty}\frac{\exp(-D\alpha_n^2 t)J_0(r\alpha_n)}{\alpha_n J_1(a\alpha_n)} \tag{4.4}$$

Where $J_0(x)$ and $J_1(x)$ are the Bessel functions of the zero and first orders, respectively. α is the root of $J_0(a\alpha_n) = 0$.

The other method of solving the diffusion equation is the application of the FE method. To do so, some specific software codes can be developed. The other way is

to use available software packages such as ANSYS for a time dependent diffusion procedure which is suggested by Madenci and Guven (2006) and applied by Chen (2006) and Dahmani (2011). From the mathematical point of view, equation 4.2 is analogous to the transient heat transfer equation show in as equation (4.5) that often has a well-developed solution in some FE softwares.

$$\frac{\partial T}{\partial t} = \alpha\left(\frac{\partial^2 T}{\partial x^2} + \frac{\partial^2 T}{\partial y^2} + \frac{\partial^2 T}{\partial z^2}\right) \tag{4.5}$$

Where T is the temperature and α is the thermal diffusivity. It can be written in terms of thermal conductivity κ, specific heat c, and density p as

$$\alpha = \frac{\kappa}{\rho c} \tag{4.6}$$

Introducing a dimensionless parameter as wetness ω removes interface modelling issues in multiple dissimilar materials. Wetness is the proportion of volumetric moisture concentration to the saturated moisture concentration C_{sat} (Madenci & Guven, 2006).

$$\omega = \frac{C}{C_{sat}} \tag{4.7}$$

Hence, utilising of the finite element formulation of heat distribution for solving moisture diffusion problems will require an input parameters analogy according to Table 4.1.

Table 4.1 Analogy of thermal/moisture analysis parameters

Property	Thermal	Moisture
Primary variable	Temperature, T	Wetness, ω
Density	ρ (kg/m^3)	1
Conductivity	κ (W/m. °C)	D.C_{sat} (kg/s.m)
Specific heat	c (J/kg. °C)	C_{sat} (kg/m^3)

Consequently and with the help of the 3D modelling capability of ANSYS 14 (Workbench), time dependent moisture distribution in terms of wetness would be

possible for CRB modified material. If the moisture or wetness changes the results can be coupled with structural analysis, allowing determination of the resultant stress or strain distributions. It is similar to coupled thermal analysis.

Moisture changes like thermal gradients induce deformation called hydral contractions as seen in Equation (4.8). This relation is similar to the thermal strains relationship (Mehta & Monteiro, 2006)

$$\varepsilon_r = \beta.(C - C_0) \tag{4.8}$$

Where ε_r is shrinkage strain (μm/m), β is the hydral contraction coefficient, and C is moisture content (m3/m3). The hydral coefficient is determined by measuring the drying shrinkage ε_r and weight loss of large concrete cylinders samples as described by Granger et al. (1994) and Granger et al. (1997).

Equation 4.8 facilitates the calculation of the contraction or expansion strains of the porous cemented material, which leads to internal stresses. These stresses may exceed the tensile or compression strengths where cracks develop.

In this analysis, the behaviour of cemented material is assumed to be linear elastic in order to obtain an estimation of the stresses and deformations in the cylindrical samples in the W-D test.

Further details of this finite element method for simulation and modelling of moisture diffusion as a basis for coupled hydro-mechanical deterioration analysis can be found in the next.

4.2.2 Modeling Details

According to Figure 4.2, a partial cylinder with 50.8 mm radius, and 116.8 mm height is considered for the geometry modelling of cylindrical samples in the wet/dry test as per ASTM D559. It includes 5232 nodes and 1054 tetrahedral elements.

For the moisture diffusion part of the analysis, the whole volume of the sample is considered to be saturated as an initial condition. This means that the wetness value is initially equal to 1.0. Accordingly, the outer and round surface will have a wetness of 0.0 during drying conditions.

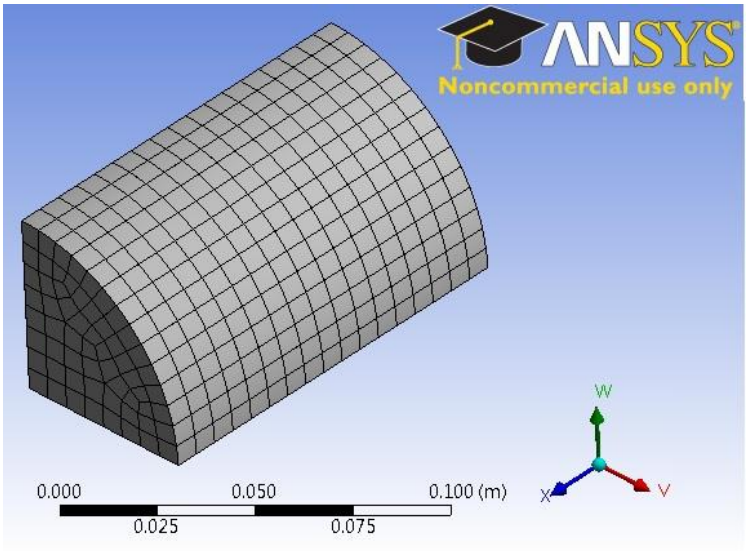


Figure 4.2 Geometry and meshing condition of model

It is considered the free displacement condition along radial direction in mechanical analysis. The The drying period is assumed 48 hours, which is divided into 10 time steps in order to determine the wetness status at different times.

Table 4.2 Material properties

Property	Values
Elastic modulus (MPa)	200
Poisson's ratio	0.25
Density (kg/m3)	2450
Moisture diffusion coefficient D (cm2/day)	10
Saturation moisture content, C_{sat} ($m3/m^3$)	1.35E-02
Hydral contraction coefficient, β	8.00E-06

The material parameters are based on typical test results from Chapter Three. Two parameters, the moisture diffusion coefficient and the hydral contraction coefficient, are typical values assumed based on recent investigations by by Kodikara and Chakrabarti (2005b) and Granger et al. (1994).

4.2.3 Results and Discussions

The distribution of moisture at each time step is illustrated in Figure 4.3. It can be observed how drying progress and develop over time throughout model.

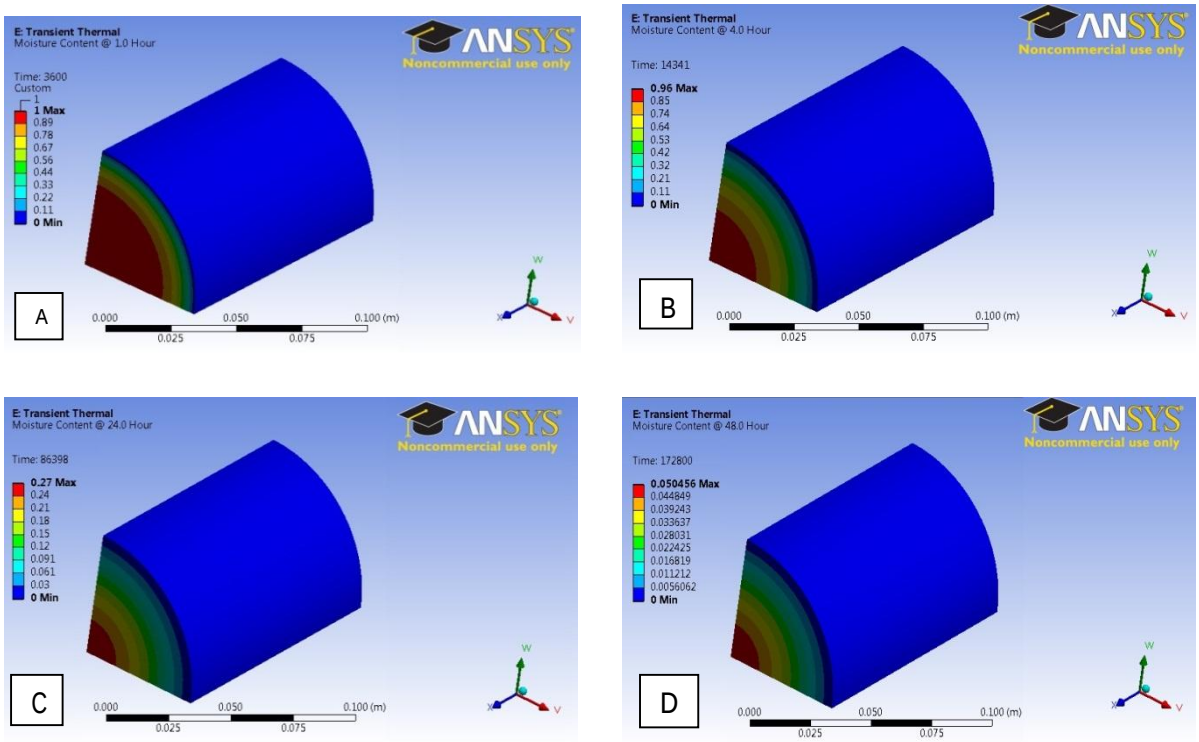


Figure 4.3 Moisture diffusion progress during drying

This figure shows that some internal zones of the sample remain saturated during the first four hours, but they change to dry before one day. All of the samples are almost fully dry after 48 hours while the central and core zone is less than 5% saturated. These moisture movements produce structural stresses that can be estimated by coupled analyses.

Figure 4.4 and Figure 4.5 illustrate the results of the mechanical analysis corresponding to the latest time step of the moisture diffusion analysis. The deformation pattern is like onion rings that illustrate the great elongations in the outer zone. In Figure 4.5 and regardless of the longitudinal edges in the reddish shadow, the principal radial strains in the middle part of the sample are about 1.5% to 3%. These strains are radial with reference to deformation pattern in Figure 4.4.

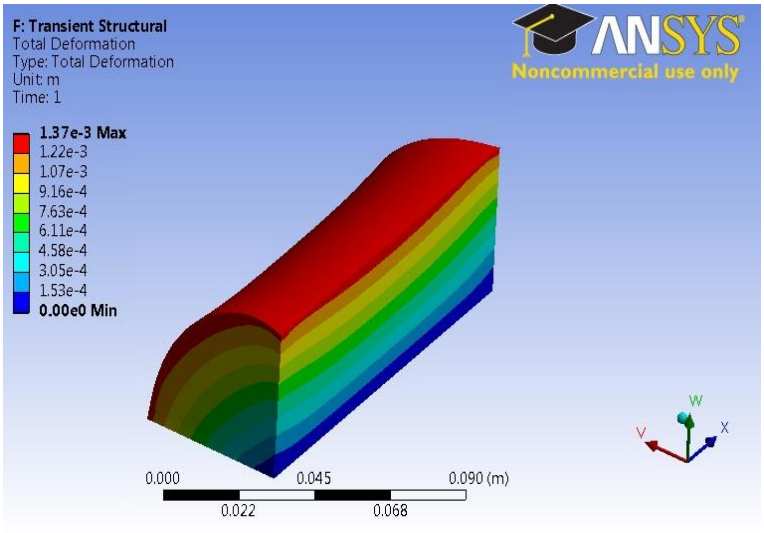


Figure 4.4 Resultant deformations after 48 hours of drying

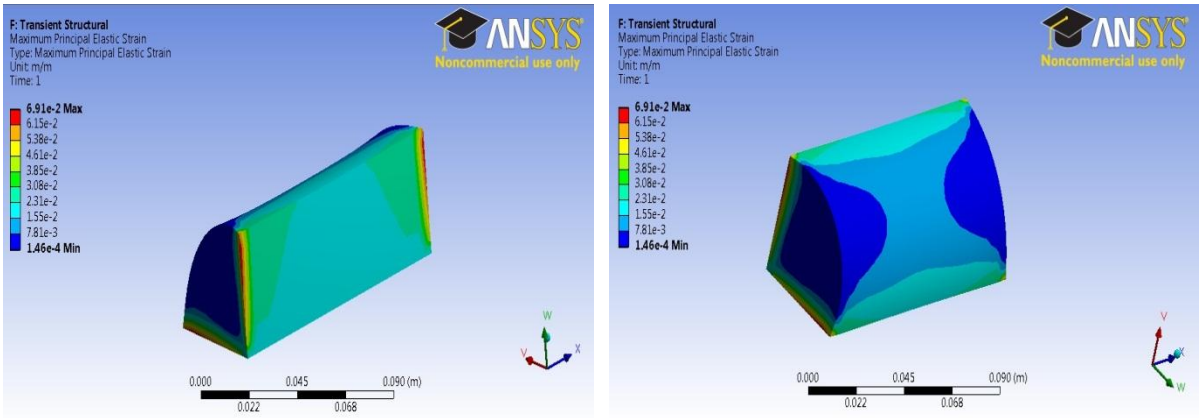


Figure 4.5 Maximum resultant strains after 48 hours of drying

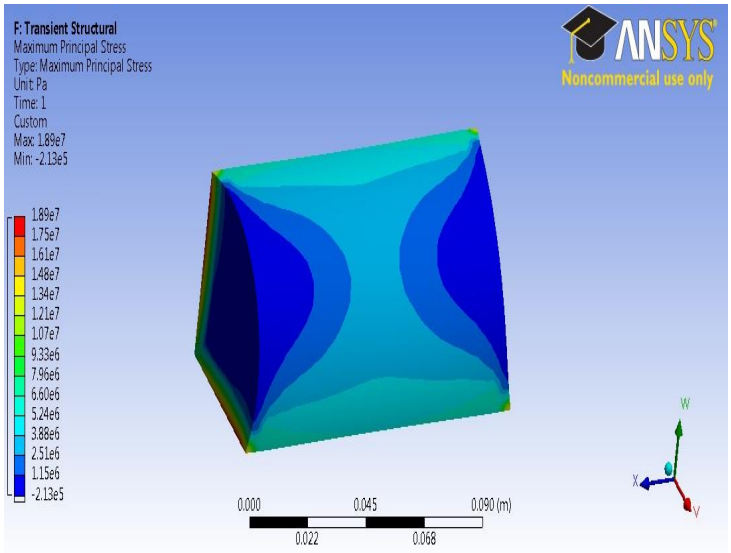


Figure 4.6 Maximum principal stresses after 48 hours of drying

Figure 4.6 represents the maximum principal stress in the sample, clarifying that both tension and compression stress in the outer face of the sample are significantly higher than the typical strength ranges of the material. Thus, the cracking of samples in the vicinity of high stress zones, including both negative and positive stresses would be likely and expected.

It should be remembered that this analysis only considers the first cycle of the wet/dry test. The modelling of a whole wet/dry test is difficult and complex since it requires considering non steady geometry for brushed zones after further wet/dry cycles.

However, the results of the analyses performed seem to indicate the significant deterioration process during wet/dry cyclic tests. The hydro-mechanical process induces high stresses sufficient for the loosening of the outer zones of the cylindrical sample that justifies weight loss.

4.2.4 Conclusion

The coupled and transient hydro-mechanical finite element method in this section clarified the effect of moisture diffusion processes during the wet/dry cycle test. While this method can give an estimation of strains or stresses in a cylindrical sample, it exhibits the most significant factor of deterioration in wet/dry tests.

This methodology also can establish a reasonable basis for further quantitative assessment of long-term durability issues in stabilised materials by considering nonlinear material properties and variable geometry.

The other finding of this attempt is that it appears that carbonation may not make a significant contribution in this test method. This approach and its results show why this test method could not play an outstanding role in carbonation studies.Carbonation Model Verification

In this section, the carbonation model suggested by (Papadakis et al., 1990) as equation (2.9) is utilised for the CRB modified material in order to estimate the variation of the carbonation progress for different binder compositions. Furthermore, the results of this model are compared with the accelerated carbonation observations listed in Table 3.13 and Table 3.14.

In this model, it is necessary to determine the quantity or weight proportion of the constituents of the mixes as input data for the equation (2.23) to equation (2.25), in order to calculate the concentrations of hydration products stated in equation (2.9). Table 4.3 shows the related parameters for each batch in detail.

Table 4.3 Details of different batches constituents in stage one

Batch	Cement Content (%)	OMC (%)	Dry Unit Weight (Kg/m3)	Aggregate Weight (Kg), a	Cement Weight (Kg), c	Water Weight (Kg), w	a/c	w/c
S1	0.5	7.2	2300.0	2288.5	11.5	167.0	200.0	14.4
S2	0.7	6.8	2310.0	2293.8	16.2	157.8	142.9	9.7
S3	0.9	6.8	2318.0	2297.1	20.9	157.8	111.1	7.6
S4	1.1	6.6	2325.0	2299.4	25.6	153.1	90.9	6.0
S5	1.3	6.5	2330.0	2299.7	30.3	150.8	76.9	5.0
S6	1.5	6.3	2345.0	2309.8	35.2	146.2	66.7	4.2

Note: The weight of not cementing fly ash is included in a as aggregate weight

The concentration of Y_{CO2} in ambient conditions is considered to be about 0.033% which is equal to 1.38 mol/m^3 based on [CO2] = 42.Y_{CO2} as an estimation. These data can be used for calculation of porosity ε_p and effective diffusivity of CO2 as well. The results of all noted evaluations in different humidity conditions lead to the determination of carbonation constant (mm/day$^{0.5}$) as represented in Table 4.4.

Table 4.4 Estimated carbonation constants for different batches, Kc (mm/day$^{0.5}$)

Batch	RH (%) / C (%)	50	60	70	80
S1	0.5	2.54	1.99	1.45	0.93
S2	0.7	2.09	1.64	1.19	0.76
S3	0.9	1.82	1.42	1.04	0.66
S4	1.1	1.61	1.26	0.92	0.59
S5	1.3	1.45	1.13	0.83	0.53
S6	1.5	1.32	1.03	0.75	0.48

The values in Table 4.4 provide the requirements for developing graphical carbonation curves as shown typically in Figure 4.7 and Figure 4.8

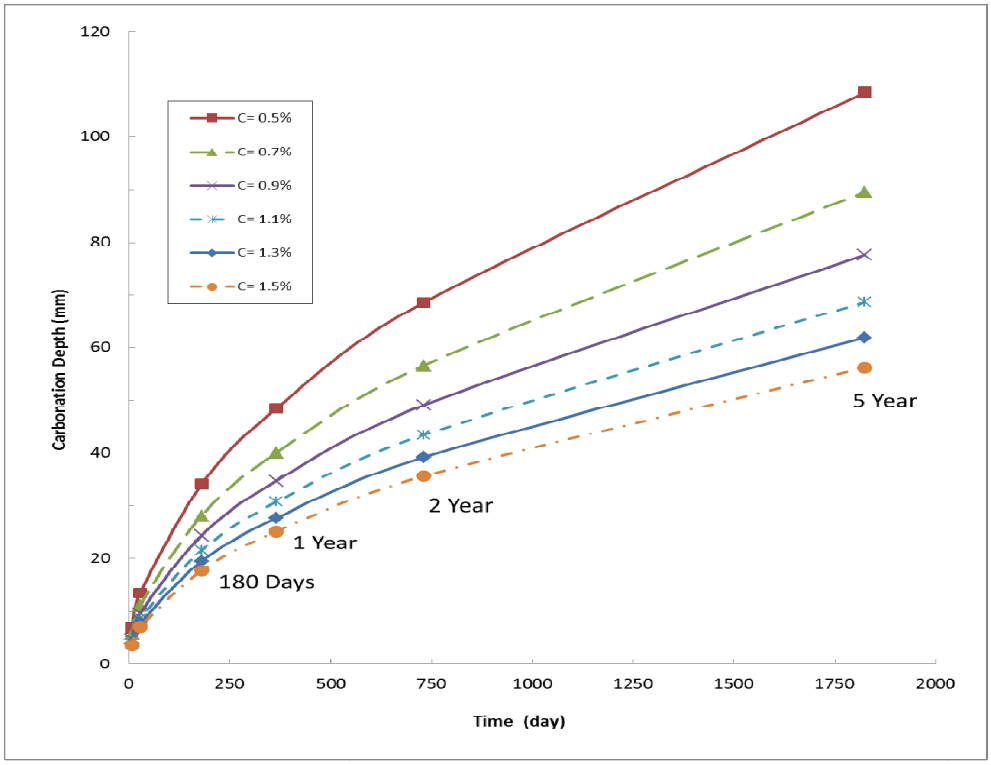


Figure 4.7 Estimated depth of ambient carbonation vs. time at RH=50%

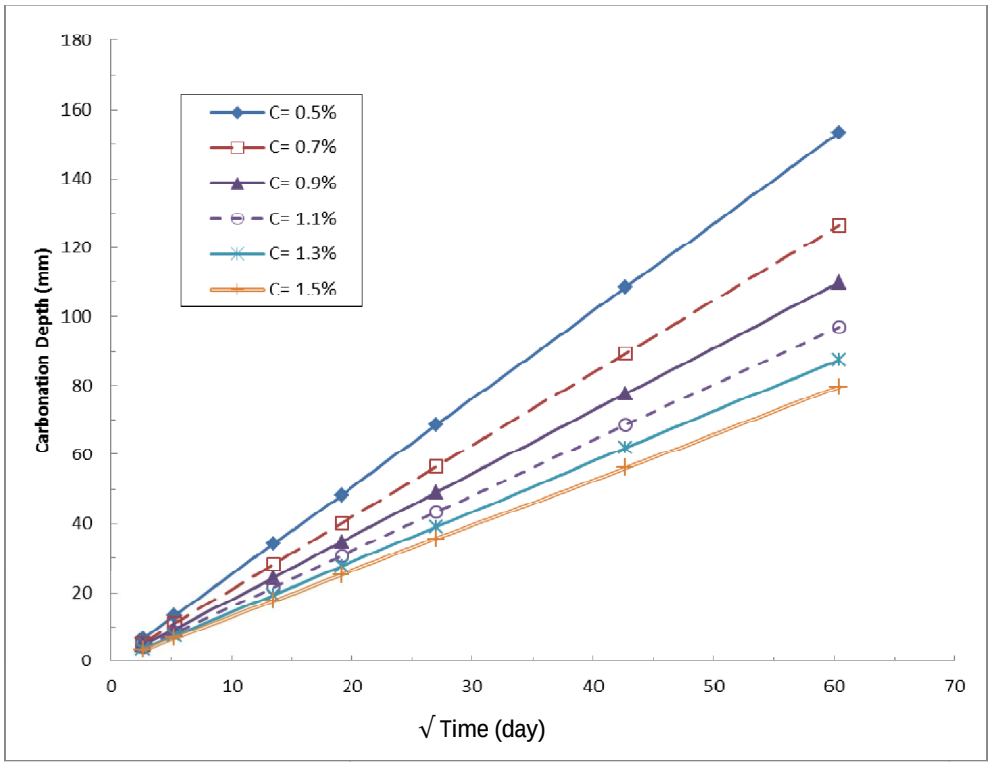


Figure 4.8 Estimated depth of ambient carbonation vs. square root of time at RH=50%

These figures reveal that the carbonation rate depends on the cement content of the batches. The carbonation rate shows decrease with increased cement content. This study shows that the decrease in carbonation rate is more apparent at the low end of the range of cement content than at the high end. Hence, it might be inferred that increasing the cement content may not lead to significant changes in carbonation rate after a specific level of cement content for each type of material.

On the other hand, the results of the carbonation depth measurements for batch S2 and batch S3 as indicated in Table 3.8 and Table 3.9 can provide the opportunity to examine and verify the results of the model developed by Papadakis et al. (1990) with real experiments.

Prior to this, it is worth noting that during accelerated conditions, the concentration of CO_2 was kept at 3%, which is nearly 100 times higher than ambient air conditions. This implies that the time readings can be converted from accelerated conditions to ambient conditions by a simple multiplication with 100.

This point helps to provide the means for the assessment of the carbonation model with experimentally obtained records. Reflection of the depth measurements on the carbonation curves for batch S2 and batch S3 results in the development of Figure 4.9 and Figure 4.10. These figures illustrate the comparison between the estimations from the model of Papadakis et al. (1990) and the experimentally obtained data in laboratory conditions.

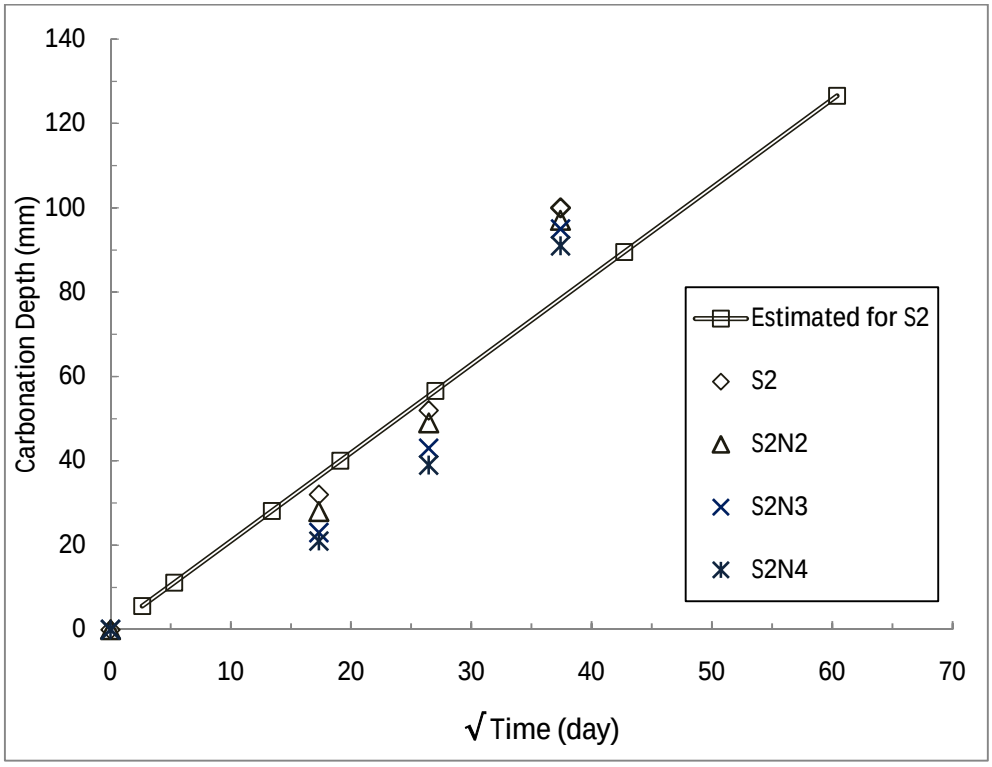


Figure 4.9 Estimated depth of ambient carbonation vs. square root of time at RH=50%

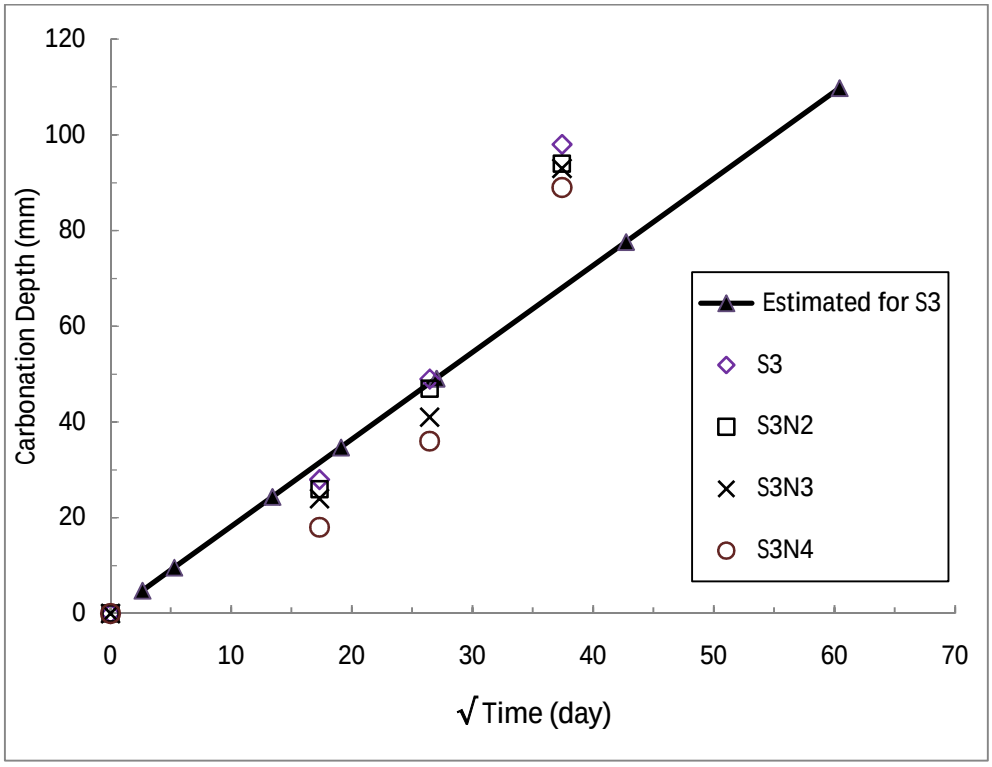


Figure 4.10 Estimated depth of ambient carbonation vs. square root of time at RH=50%

It seems that for both batches the real carbonation depth or even carbonation rates are very close to the estimated values for corresponding times. The differences in

later ages might be due to considerable differences in the w/c (water/cement) ratio, a/c (aggregate/cement) ratio or porosity of cement modified CRB material with ordinary concrete. This subject implies that further research into the modification of equation (2.23) to equation (2.25) for soil cement material might rectify the minor inconsistency of results between the carbonation model and the experimental data.

In addition to remarkable conformity of the carbonation model with experimental results, these graphs also indicate that a small quantity of nano silica has shown promise for the control and reduction of carbonation, more than increasing only the cement content itself.

Correlation of laboratory measurements can quantify and clarify this statement more effectively. For each batch in stage four, assuming linear regressions between the carbonation depth and square root of the times can provide a basis for comparing the batches. Typical illustrations can be seen in Figure 4.11 and Figure 4.12 for batches S2 and S3, respectively.

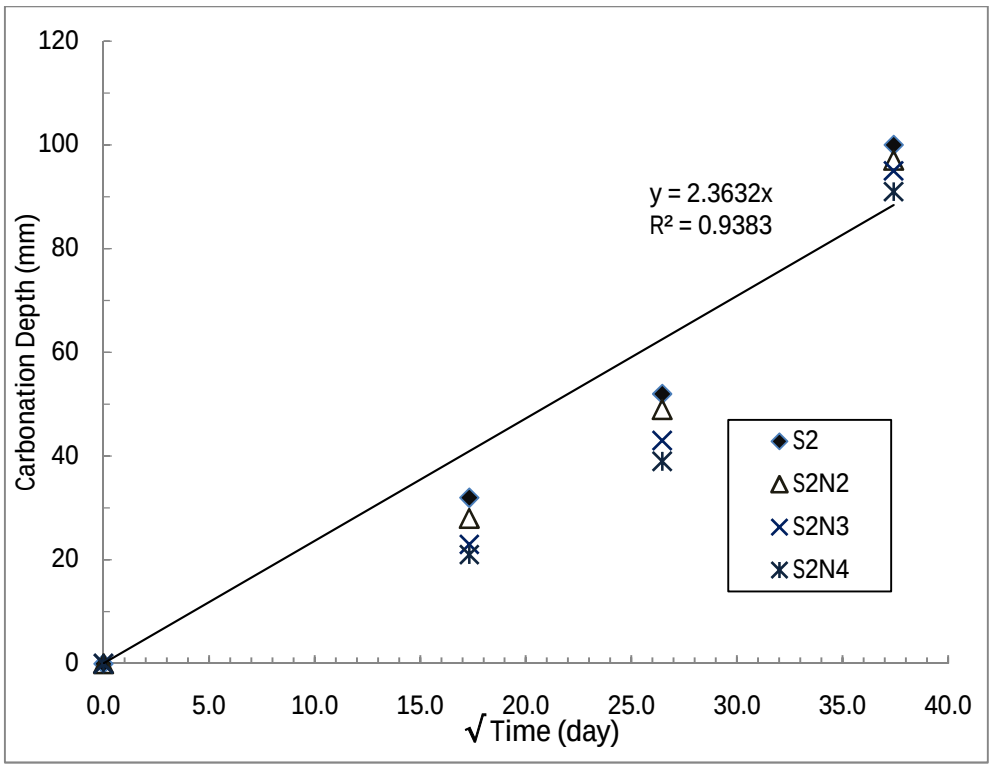


Figure 4.11 Estimated depth of ambient carbonation vs. square root of time at RH=50%

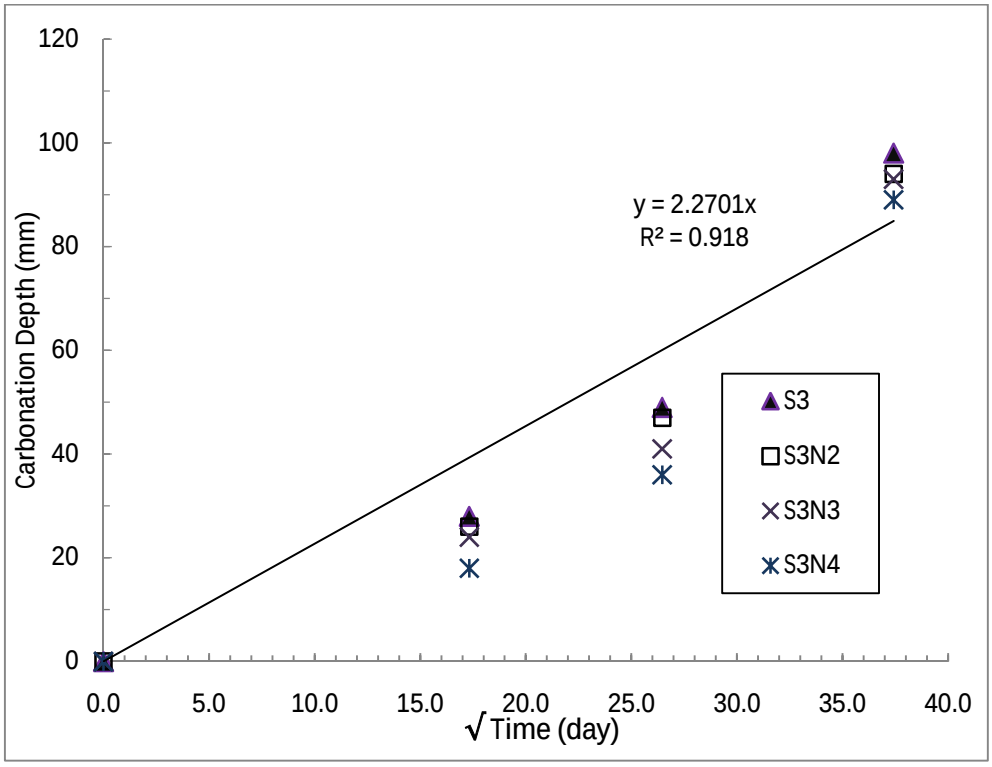


Figure 4.12 Estimated depth of ambient carbonation vs square root of time at RH=50%

In these graphs the slope of the regression line is the carbonation constant which can show the influence of nano silica content on carbonation rates. Table 4.5 and Table 4.6 summarise of similar correlation efforts.

Table 4.5 Measured carbonation constant for different S2 batches, Kc (mm/day$^{0.5}$)

S2 (N=0.0%)	S2N2 (N=0.3%)	S2N3 (N=0.6%)	S2N4 (N=0.9%)
2.36	2.25	2.12	2.00

Table 4.6 Measured carbonation constant for different S3 batches, Kc (mm/day$^{0.5}$)

S3 (N=0.0%)	S3N2 (N=0.3%)	S3N3 (N=0.6%)	S3N4 (N=0.9%)
2.27	2.17	2.07	1.91

According to the constants noted in these tables, the effect of nano silica seems to be greater than that of cement itself. For example, the carbonation constants for batch S3 and batch S2N2 are similar, while batch S3 has 0.2% cement (by wt of aggregate) more than batch S2N2 with 0.3% nano silica (by wt of cement). This

implies that nano silica can save on cement consumption in mixes to the benefit of durability issues as well as cost savings.

These tables also demonstrate that every 1.0 % of nano silica in cement modified CRB mixes has the potential of dropping carbonation constants by about 15%.

In the absence of a well-defined carbonation model for soil cement or cement treated CRB material, It seems that Papadakis et al. (1990) model provide a method for carbonation assessment provided there are some modifications to the porosity and stoichiometry relations of hydration reactions for this type of material.

Furthermore, the results of experimental carbonation measurements in CRB modified material indicate that nano silica has an outstanding role in limiting the progress of carbonation. These results also show that the addition of nano silica in the presence of fly ash can be more effective than a higher quantity of cement.

4.4 Determination of Design Modulus

Experimental correlations are used to provide equations for pavement design purposes. These correlations are provided as an alternative to costly and specific laboratory tests which are not so popular among pavement practitioners. For this reason, the resilient modulus results in Chapter Three in sections 3.4.6 and 3.5.4 and their variations can be simplified and formulated by regression of various parameters such as cement or nano silica content and time.

Both of linear and nonlinear regression methods have been tried to develop some relationships between the ingredients of modified CRB material and time dependent parameters of Mr and UCS. In most cases, the nonlinear methods showed the greatest accuracy.

In nonlinear cases, the DataFit 9.1 software package is utilised as a tool for regression analyses (curve fitting) of multiple variables. In this software, more than 30 multi variable models such as polynomial, exponential polynomial and logarithm polynomial models are examined in order to determine the best model for curve fitting purposes.

In section 3.4, the variation of UCS and Mr was determined individually. In case of Mr, the results were presented in regular intervals during the 28 day period for the

curing of the cylindrical samples with added nano silica. The results were displayed in Figures 3.43 to 3.46. Based on regression analyses using DataFit 9.1, the equations (4.9) to (4.11) show three types of correlation for those results. Table 4.7 shows the constants in the following equations.

$$\ln M_r = i.\theta + j.C + k.N + l.T + m \quad (4.9)$$

$$Mr \,/\, UCS_{28\,days} = i.\theta + j.C + k.N + l.T + m \quad (4.10)$$

$$Mr \,/\, UCS_{7\,days} = i.\theta + j.C + k.N + l.T + m \quad (4.11)$$

Table 4.7 The constants for resilient modulus equations during curing time

Equation	i	j	k	l	m	Coefficient of Multiple Determination (R^2)
4.9	1.42E-03	1.96	0.48	1.00E-02	3.53	0.978
4.10	5.54E-04	0.51	5.10E-02	4.35E-03	-0.29	0.950
4.11	6.72E-04	0.50	6.45E-02	5.32E-03	-0.26	0.946

Where Mr is resilent modulus (MPa), UCS is unconfined compression strength (kPa), θ is bulk stress (kPa) , C is cement content (%), N is nano content (%), T is the age of the sample during curing (day) and m is a constant. All Mr and UCS parameters are measured conservatively at the saturation conditions which is the lowest condition of soil bearing capacity.

In carbonated conditions, results similar to those as noted in section 3.5, provide the basis for similar correlations. As such, other relations between the resilient modulus in carbonated condition (Mr_c) of 28-day samples at a 60% moisture ratio are correlated with time and constituents of batches according to equation 4.12 to equation 4.15.

$$\ln Mr_c = i.\theta + j.C + k.N + l.T + m \quad (4.12)$$

$$\ln \frac{Mr_c}{UCS_{28days}} = i.\theta + j.C + k.N + l.T + m \quad (4.13)$$

$$\ln \frac{Mr_c}{UCS_{7days}} = i.\theta + j.C + k.N + l.T + m \quad (4.14)$$

$$\ln \frac{Mr_c}{UCSC_{28days}} = i.\theta + j.C + k.N + l.T + m \quad (4.15)$$

Where θ is bulk stress (kPa), C is cement content (%), N is nano content (%) and T is the age of a sample during ambient carbonation condition (day). Similarly UCSC is unconfined compression strength of a carbonated specimen with 60% moisture ratio as represented graphically in section 3.5.3. Table 4.8 shows the constant coefficients of the above equations.

Table 4.8 The constants for resilient modulus equations vs time in carbonation condition

Equation	i	j	k	l	m	Coefficient of Multiple Determination (R^2)
4.12	1.44E-03	1.725	0.484	-3.53E-04	4.16	0.97
4.13	1.44E-03	1.059	0.134	-3.47E-04	-2.05	0.96
4.14	1.44E-03	0.816	0.132	-3.46E-4	-1.66	0.95
4.15	1.44E-03	0.737	0.303	-3.49E-4	-1.49	0.97

Equations (4.9) to (4.15) are selected among other likely correlations based on the coefficient of multiple determination (R^2). The coefficients of these relations indicate a statistically good fit relationship (R^2 > 0.9).

The above outcomes establish a reliable basis to demonstrate how little a quantity of pozzolanic materials at the nano scale can manipulate and improve design parameters. More importantly, they provide the necessary criteria for judging the post carbonation characteristics of cement modified CRB material. Thus the base course layer of pavement can be designed for proper service even after carbonation if the lowest desired Mr parameter can be estimated.

4.5 Results of SEM Images

This section presents the results of the different SEM methods described in Chapter Three. The aim was to visualize and capture the microstructural changes generated by nano silica and carbonation in the cementitious matrix of batch S3 specimens. As such, the incorporation of nano silica in cement modified CRB material is studied first, before the accelerated condition cases.

The next section discusses the carbonated conditions of each specimen to make the necessary distinctions. This delivers real and direct knowledge about the effect of

each factor in the microstructural changes in the binder in 28-day specimens. Considering the specimens at other ages could reveal more facts, but as noted earlier, sandy specimens require the least strength to prevent crushing during the preparation stage. Imaging of powdery specimens cannot magnify the interaction between sand particles and binder as required here.

4.5.1 Effects of Nano Silica

According to Table 3.15 and Figure 3.2, the subset specimens of batch S3 with added nano silica were considered for the SEM images. At this stage of the work, they are named specimen 2 to specimen 4. Specimen 1, with no added nano silica, serves as the control specimen for comparative purposes.

Fractured specimens were prepared for SE images as described in section 3.5.7. The aim was to observe the changes in surficial texture and morphology of crystals with increasing nano silica content. Figures 4.13 to 4.16 show these microstructural changes in four successive specimens.

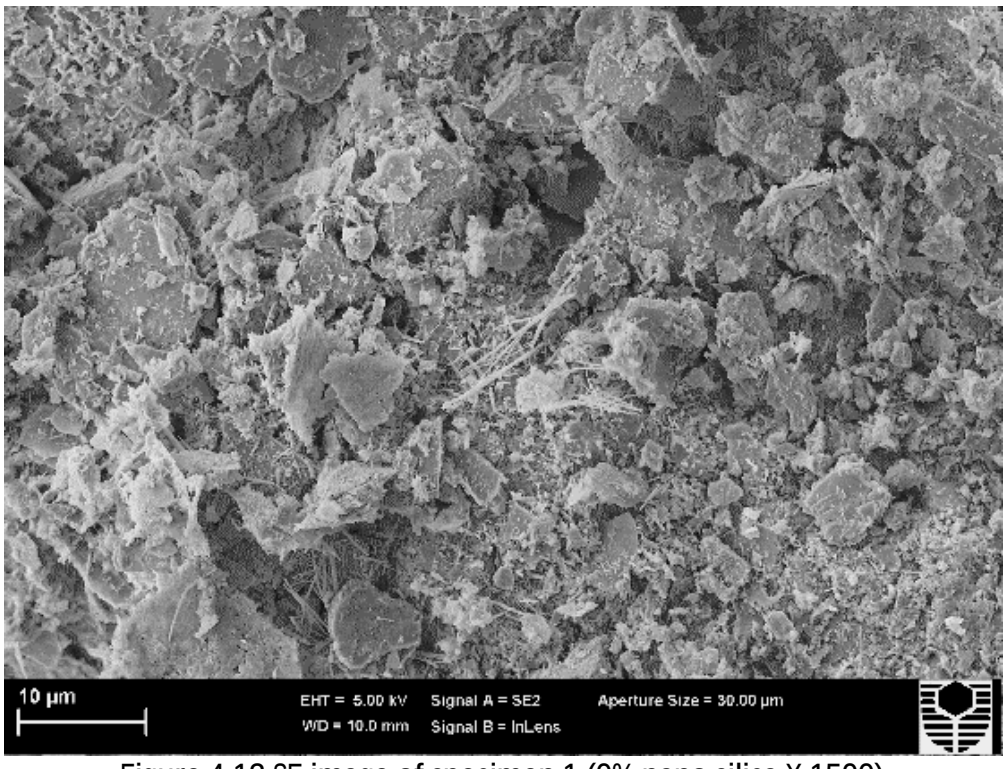


Figure 4.13 SE image of specimen 1 (0% nano silica X 1500)

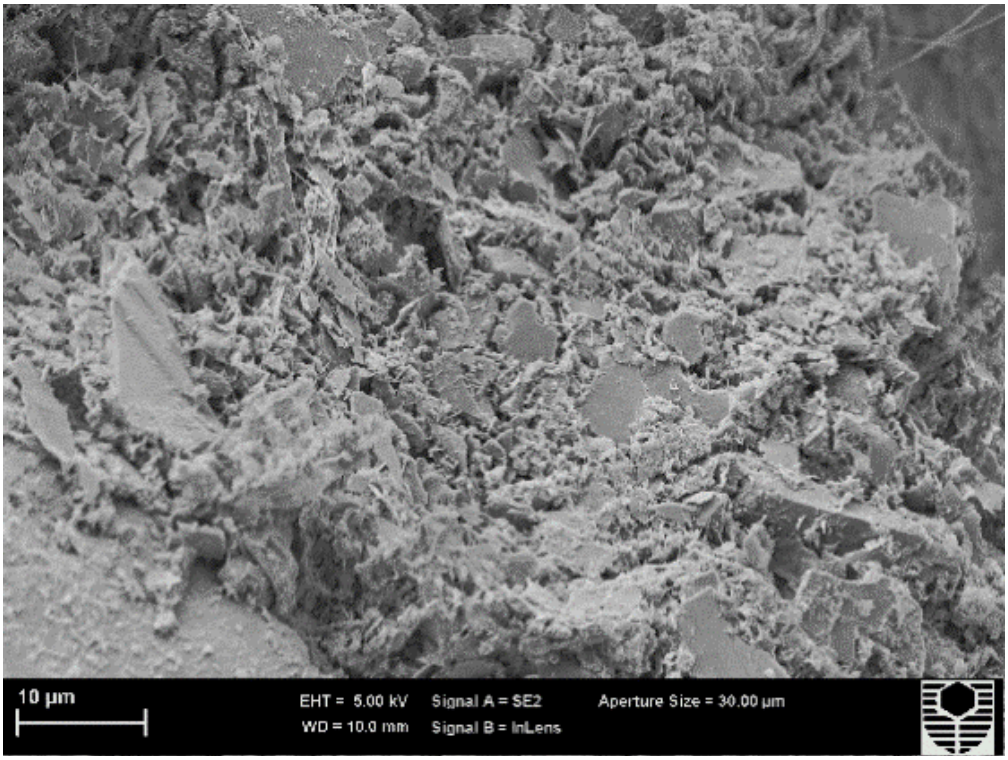


Figure 4.14 SE image of specimen 2 (0.3% nano silica X 1500)

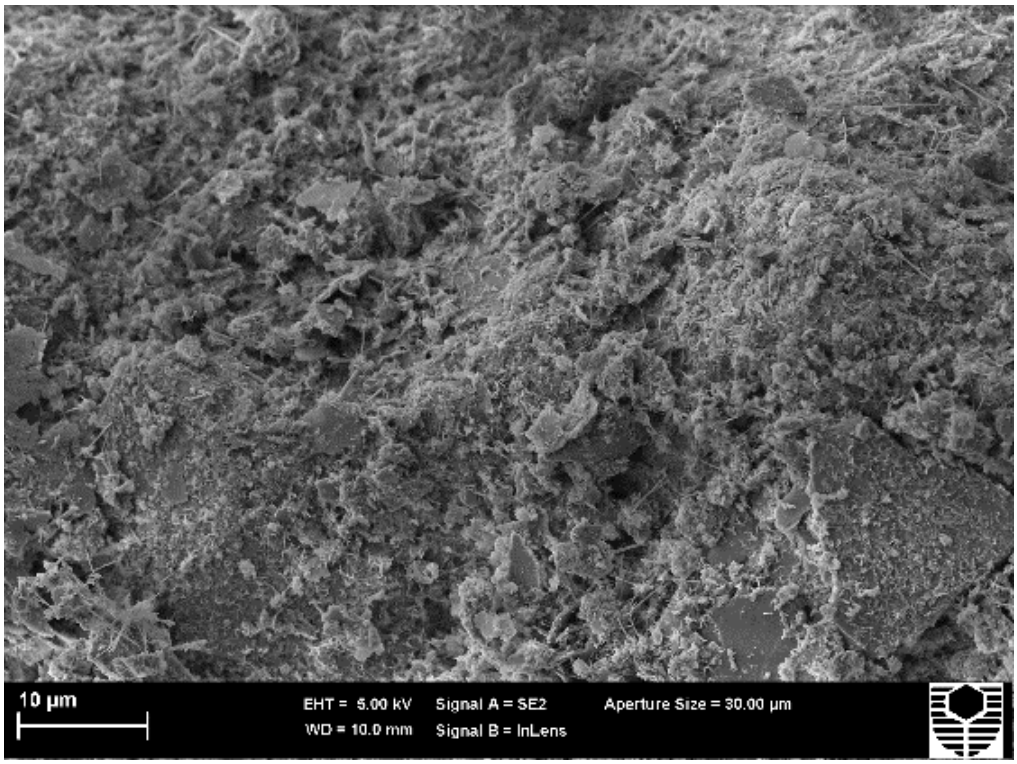


Figure 4.15 SE image of specimen 3 (0.6% nano silica X 1500)

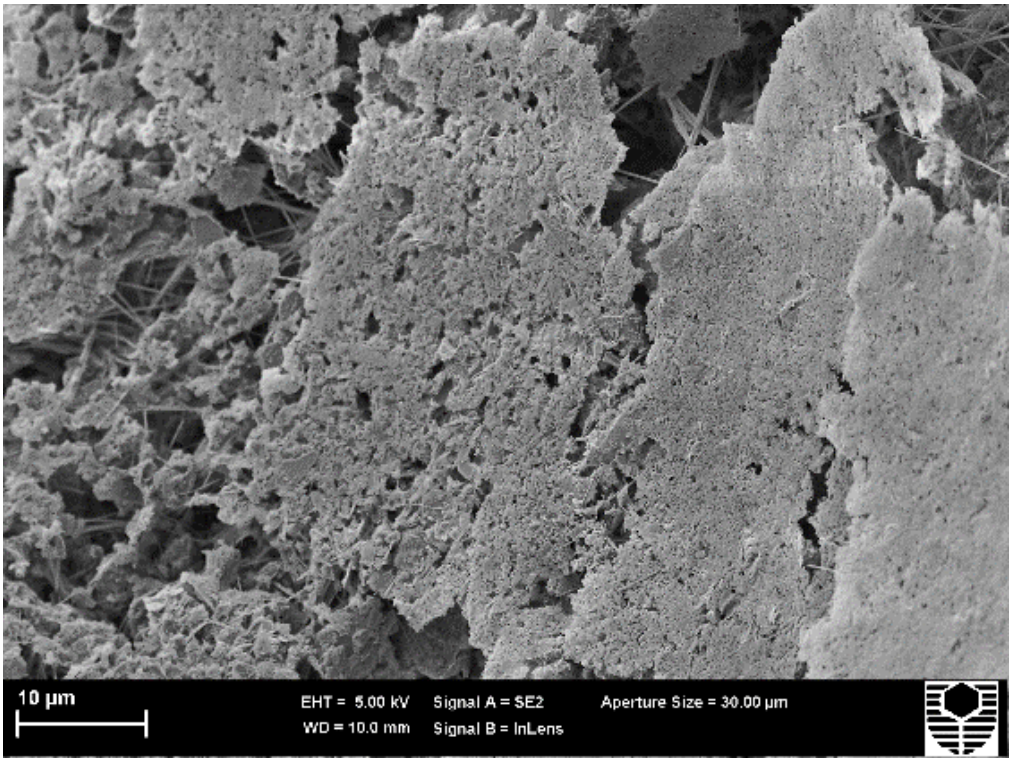


Figure 4.16 SE image of specimen 4 (0.9% nano silica X 1500)

Examination of these images indicates some of physical changes described as follows.

Euhedral crystal formation is disrupted by adding and increasing nano silica. There are some obvious and well-developed crystals in Figure 4.13 which shrink and gradually become surrounded with more silica gel as the nano silica content increases. It seems that nano silica causes a massive and dense CSH structure as shown in Figure 4.16, compared with the sparse structures before. The majority of CSH is Type II with an increasing trend towards a more massive structure. The lack of CSH Type I material is easily recognised and is considered to be the result of the age of the specimens (28 days) which is probably well outside the initial hydration stages.

The other feature of these images is the presence of rod like crystals of Ettringite with no obvious change in their size or quantity. It should be borne in mind that Ettringite is the product of the reaction of the gypsum in the cement with the hydrated alumino silicates. Gypsum is used to retard these reactions and as such should not be affected by the other reactions being studied.

Pore sizes seem to decrease steadily as a result of the distribution and filling of the finer pores with paste. In Figure 4.13, sufficient pore space is available to allow the development of euhedral crystals. However, as the nano silica content increases, the reduction in available pore space results in the deformation of and restriction of crystal growth and the resulting subhedral and anhedral shapes. By increasing the nano silica content, larger pores are steadily replaced by smaller ones, which provide a denser structure for more massive CSH. These developments and improvements in the silica gel structure provide more contact surfaces with the aggregate and generate stronger bonds leading to higher material strength. Additionally, this evolution in pore distribution may provide a less permeable paste, reducing water intrusion or CO2 diffusion, thereby improving the durability of the cemented material. This condition reduces the chance for developing capillary tension and produces a better environment for minimising carbonation reactions.

These findings from the SE images can be complemented by the BSE images. For this reason, images of specimens using the BSE method are presented to provide additional information about their composition. Additionally, Energy Dispersive X-ray Spectrometry (EDS) results using the element maps method facilitates easier identification of chemical constituents in different spots of each image. Three images for each specimen are provided, where the first has a lower magnification based on SEM equipment adjustments. These maps correspond to about 1000 times magnification for better resolution of results.

The EDS maps show the distribution of dominant elements within a limited depth of electron penetration. Thus the identification of some compositions such as CSH depend on the presence of Si, Ca and O elements in the specific spots analysed. Similarly, a significant presence of Ca and O elements highlights calcium hydroxide or CH crystals and the presence of Fe, Mg or Al can indicate fly ash particles. The presence of carbon (C) can be due to either calcium CaCO3 (formed by the carbonation of lime or CSH) or empty voids filled with resin. These concepts can help with the general interpretation of each BSE image from the specimens shown in Figure 4.17 to Figure 4.28.

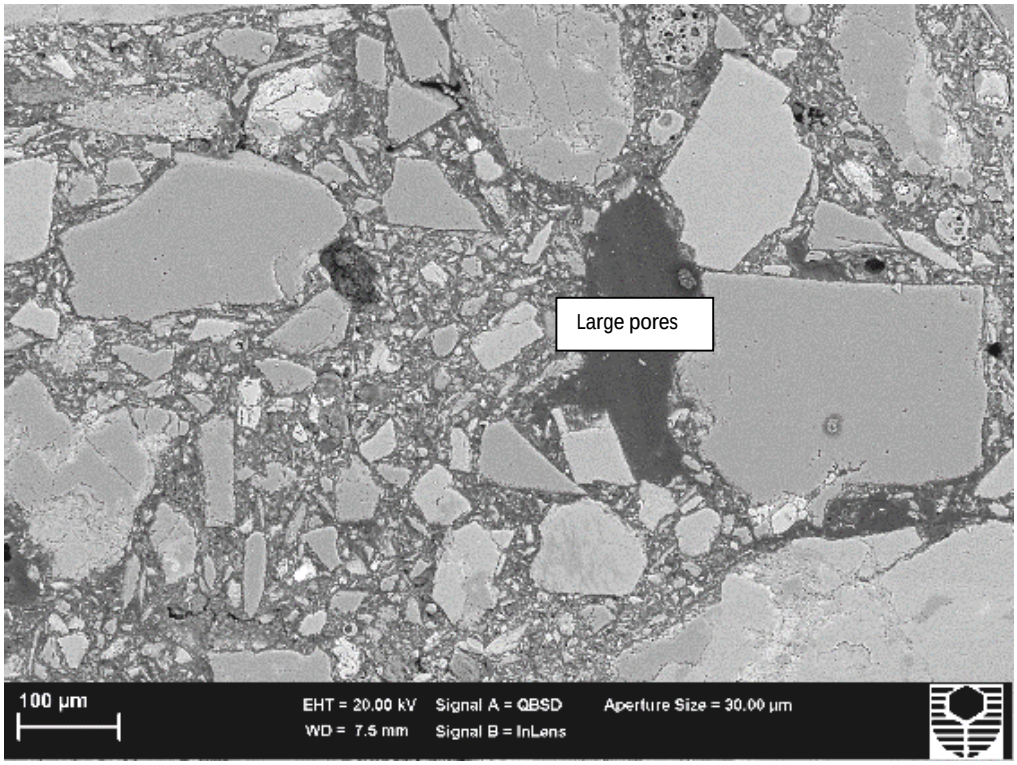


Figure 4.17 BSE image of specimen 1 (0% nano silica X 100)

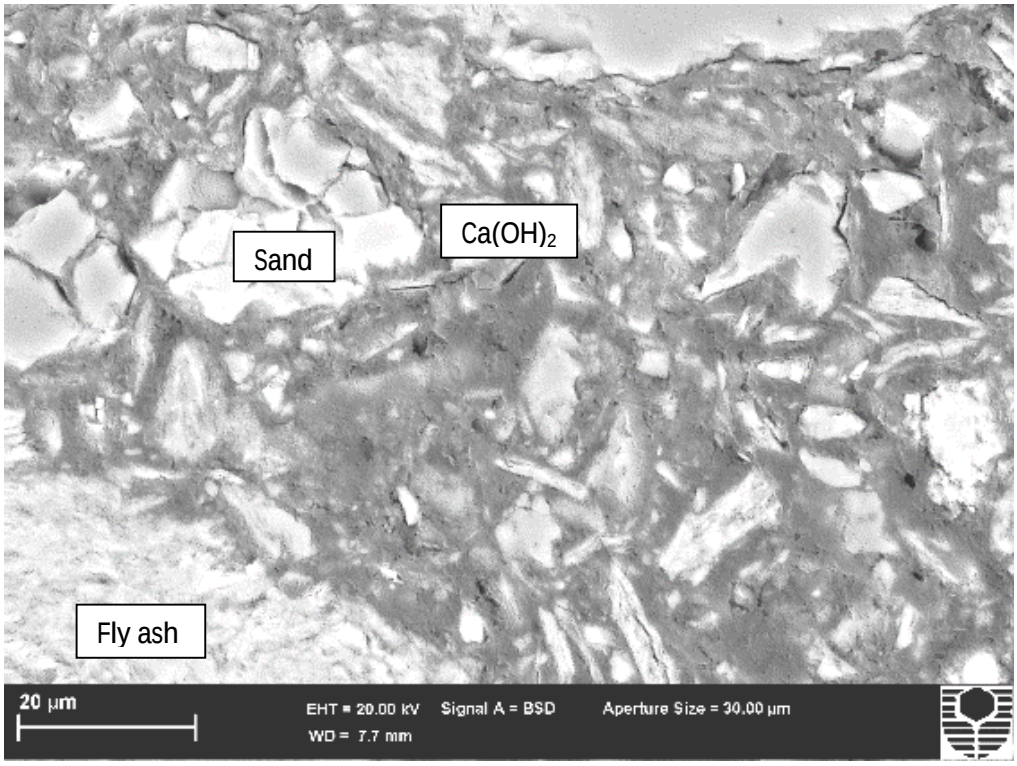


Figure 4.18 BSE image of specimen 1 (0% nano silica X 1000)

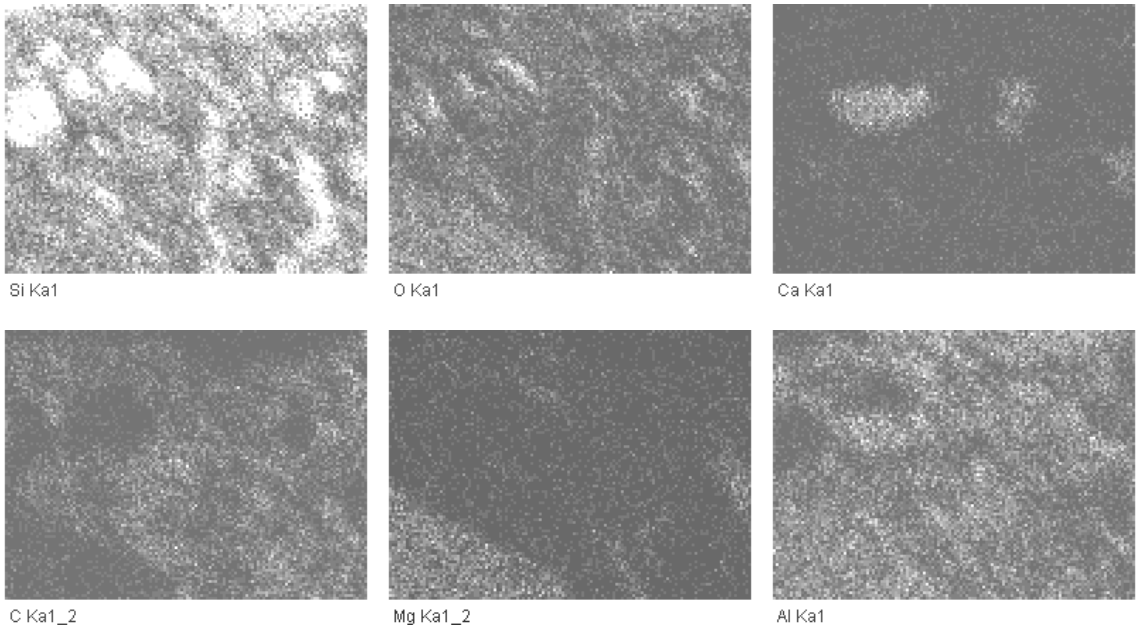


Figure 4.19 EDS map of specimen 1 (0% nano silica X 1000)

For example, Figure 4.19 shows bright siliceous sands and aluminium rich fly ash particles. The overall brightness of the Si and Al maps is also the result of the finely dispersed Si and Al in the hydrated calcium silicates and the hydrated calcium aluminates and tetracalcium aluminoferrite. The calcium map shows three spots that contain CH crystals highlighted by the bright colour.

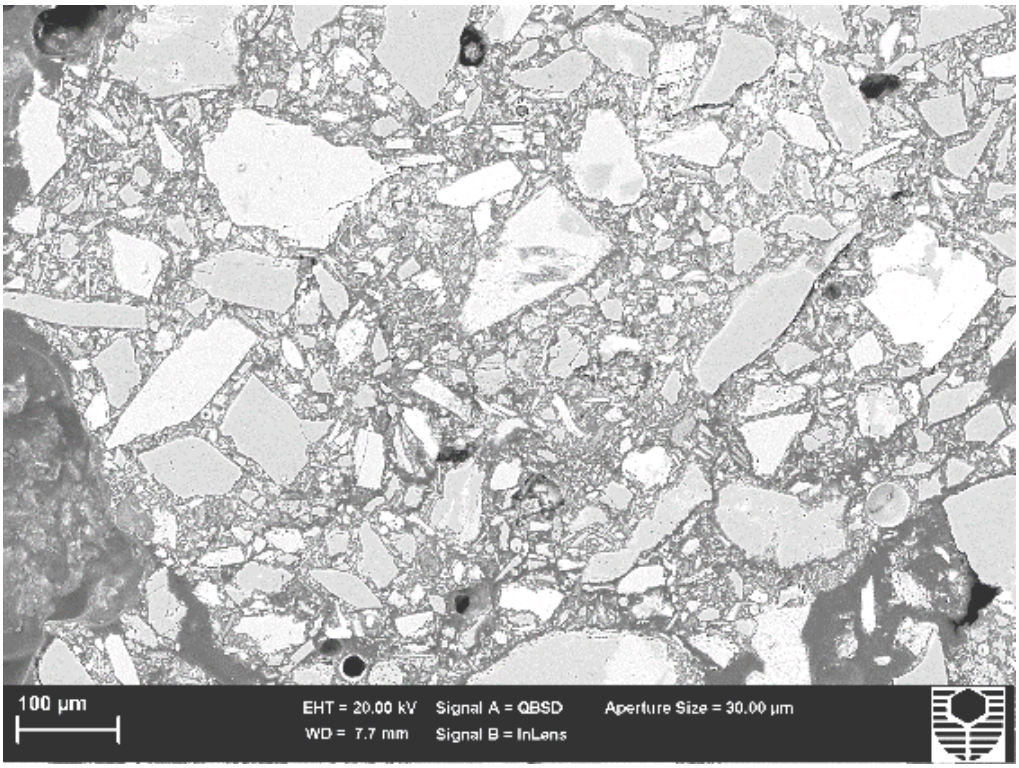


Figure 4.20 BSE image of specimen 2 (0.3% nano silica X 100)

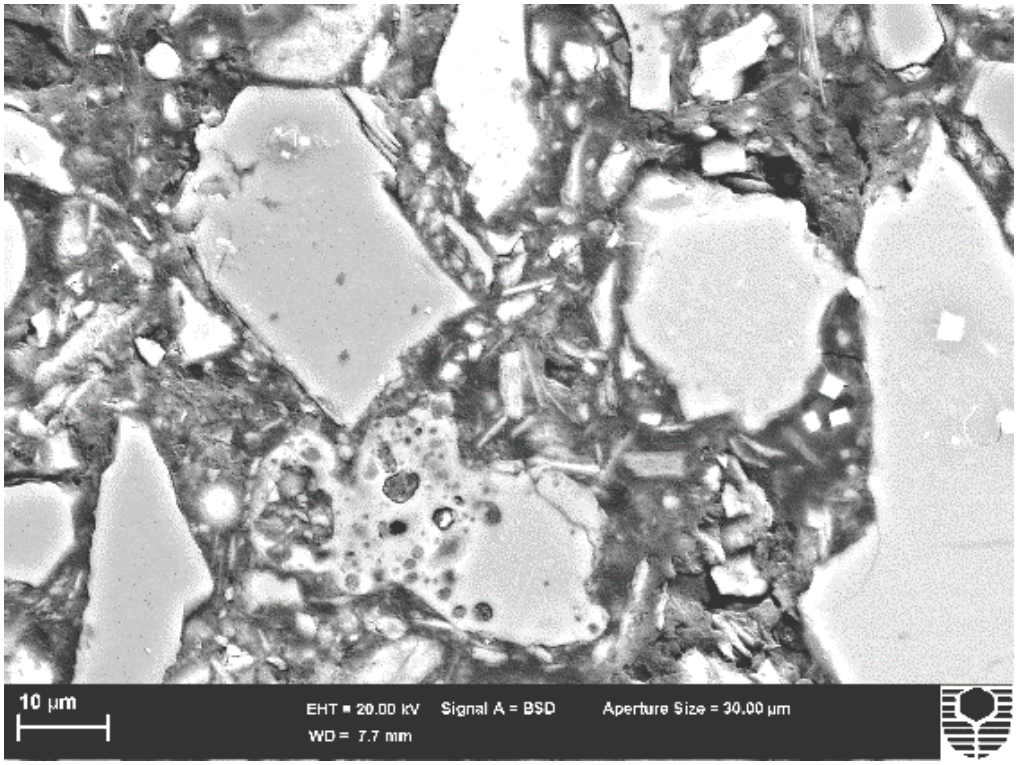


Figure 4.21 BSE image of specimen 2 (0.3% nano silica X 1000)

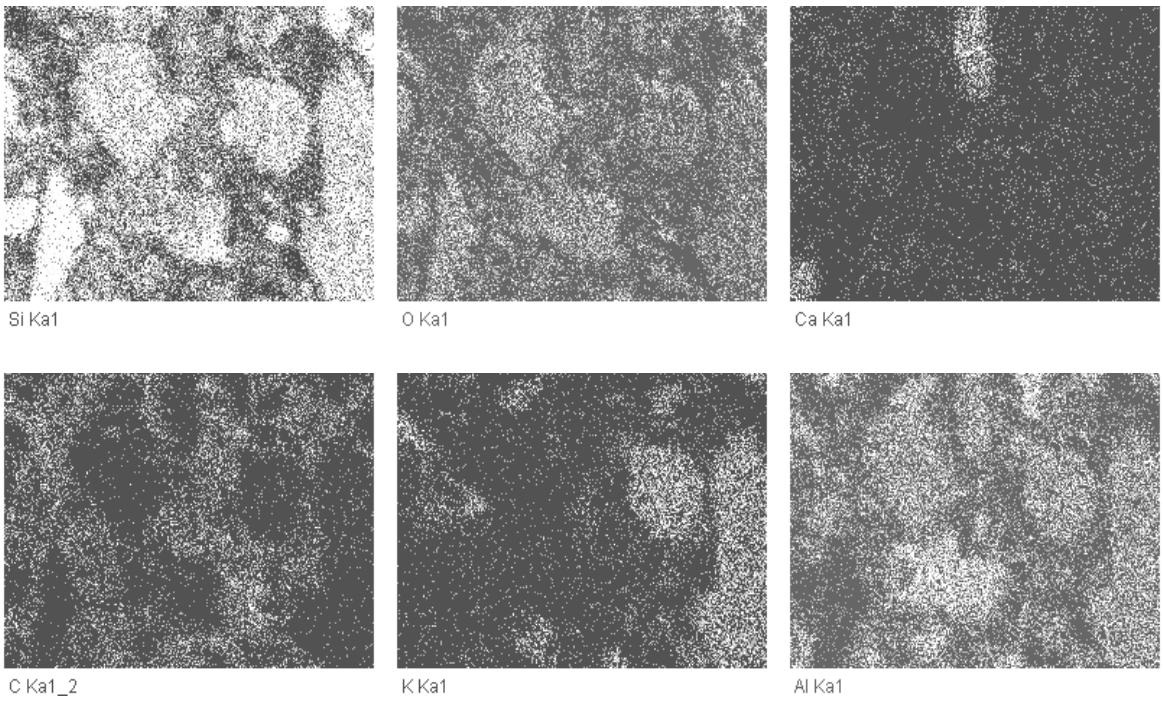


Figure 4.22 EDS map of specimen 2 (0.3% nano silica X 1000)

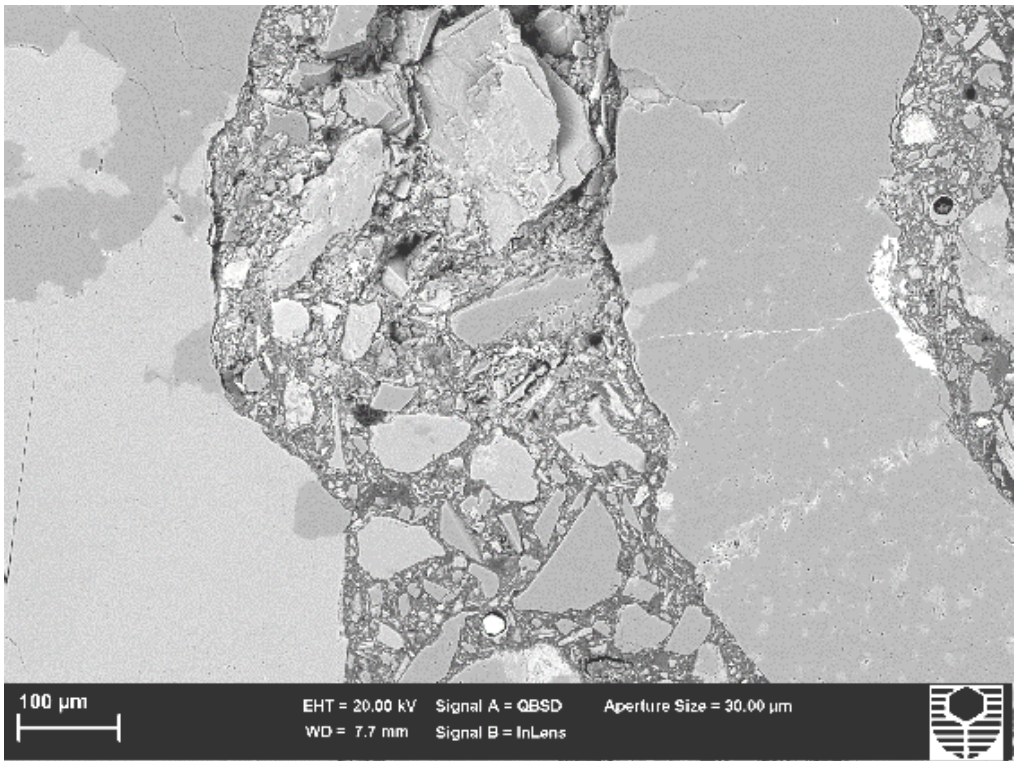


Figure 4.23 BSE image of specimen 3 (0.6% nano silica X 100)

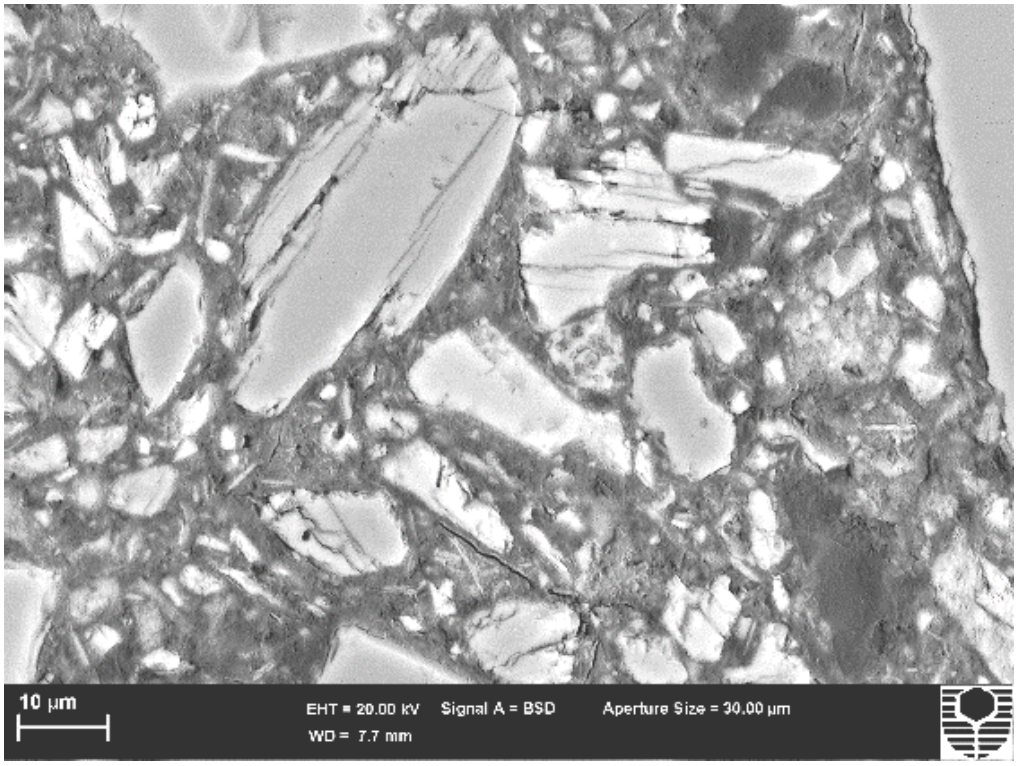


Figure 4.24 BSE image of specimen 3(0.6% nano silica X 1000)

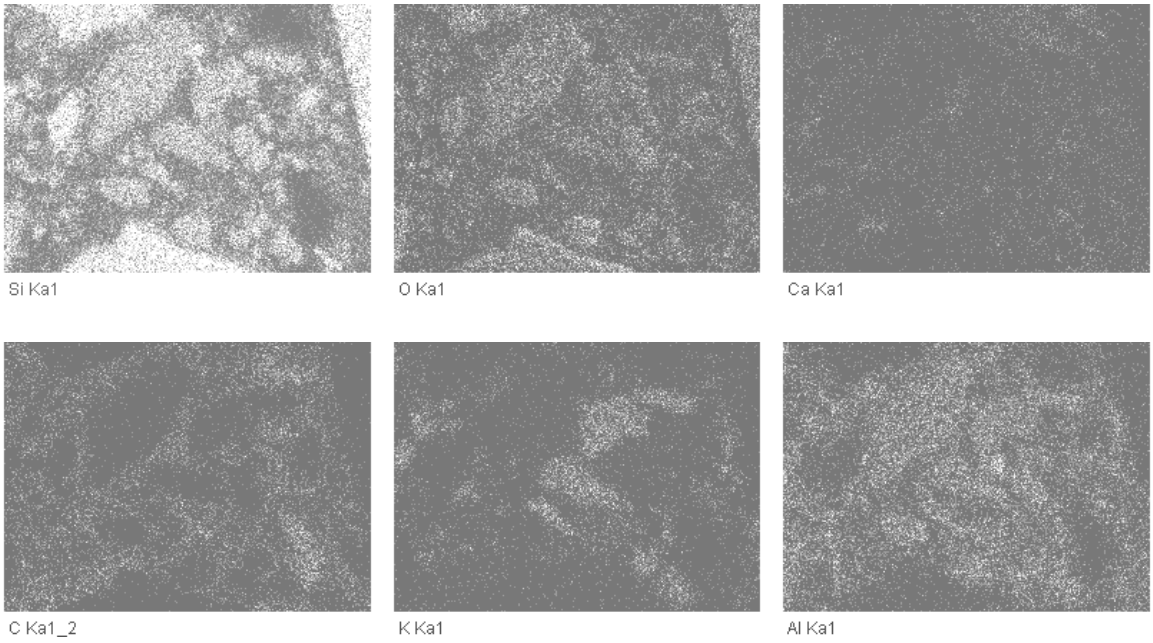


Figure 4.25 EDS map of specimen 3 (0.6% nano silica X 1000)

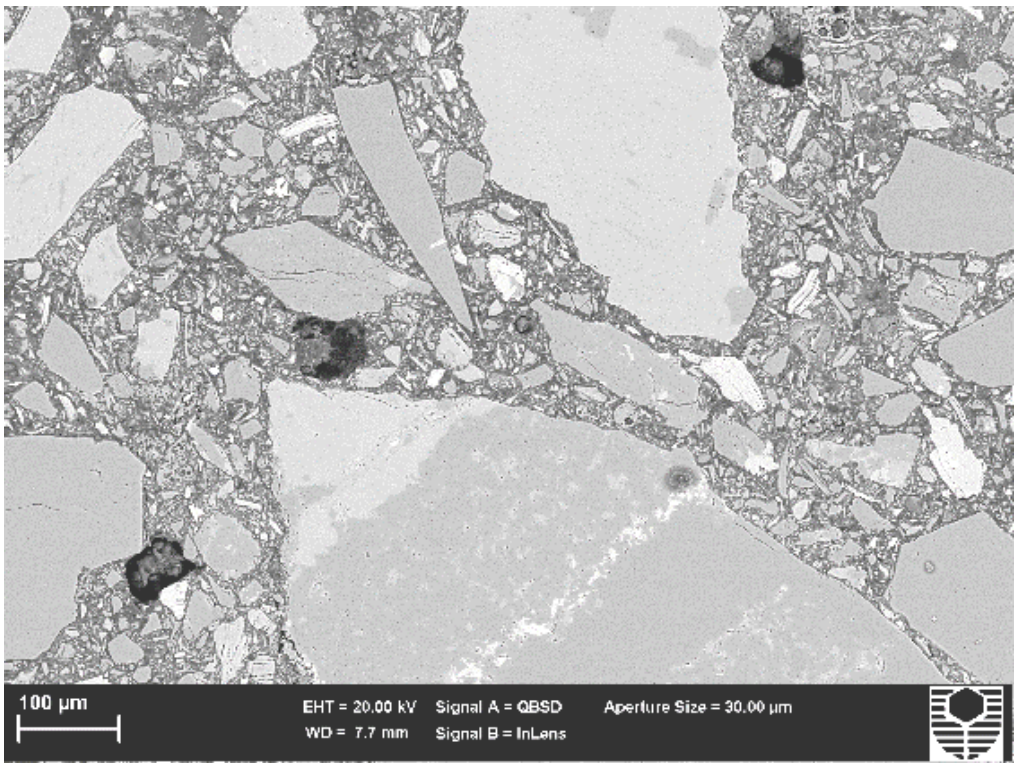


Figure 4.26 BSE image of specimen 4 (0.9% nano silica X 100)

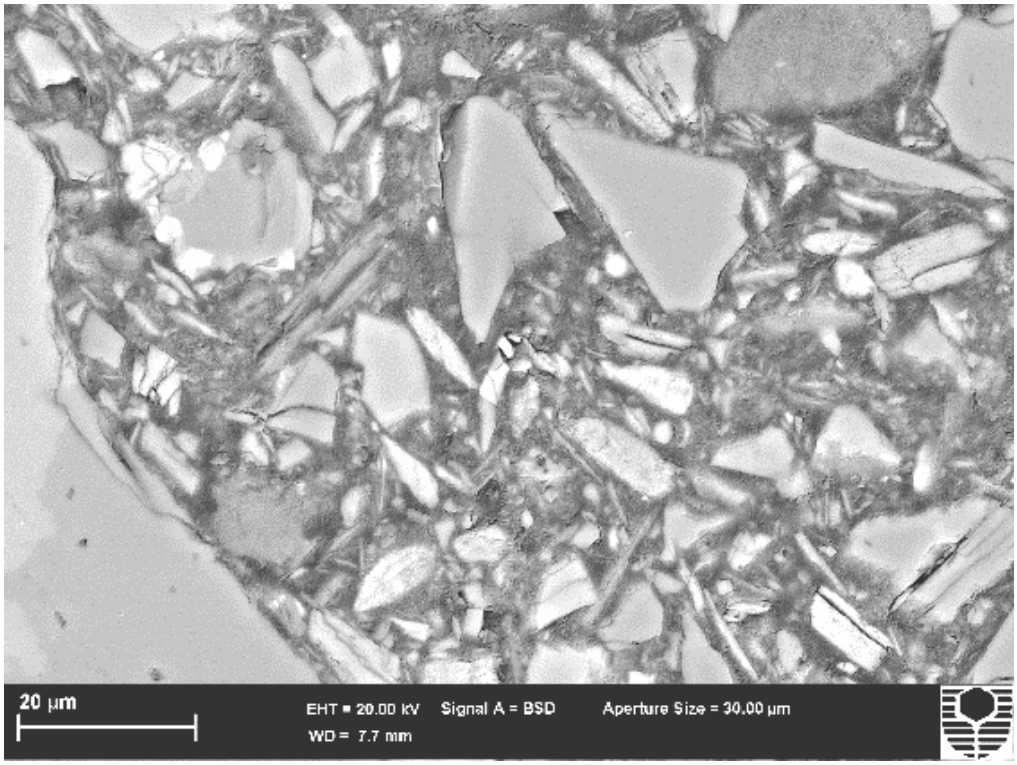


Figure 4.27 BSE image of specimen 4 (0.9% nano silica X 1000)

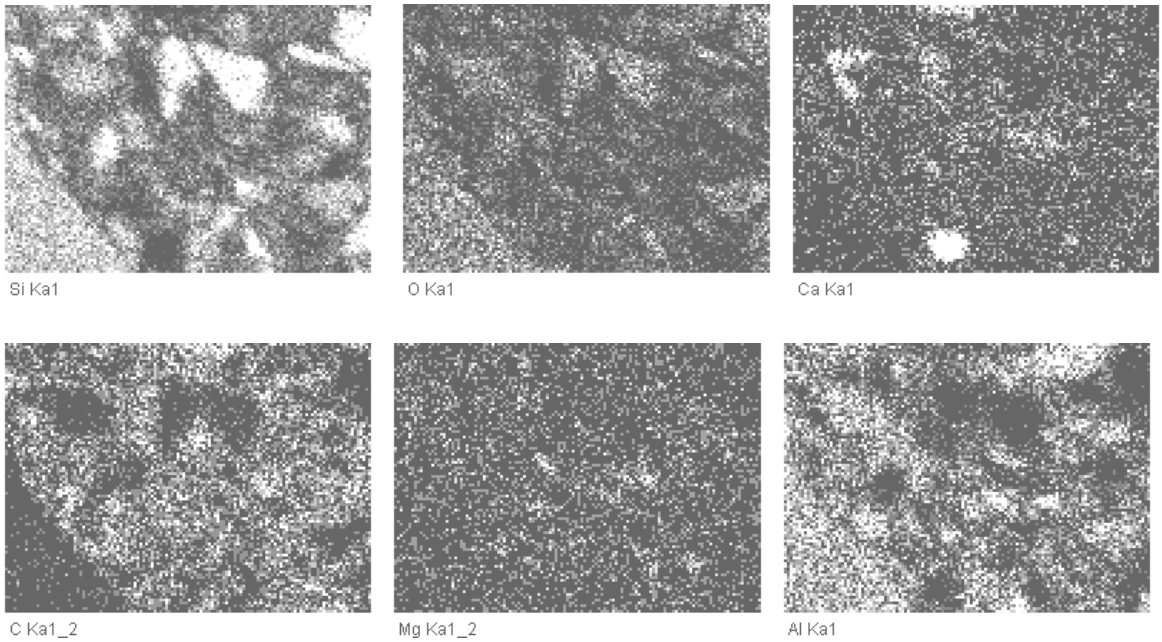


Figure 4.28 EDS map of specimen 4 (0.9% nano silica X 1000)

A layer of resin has covered the CSH in a poor grey colour while filling the empty pores. This observation confirms the presence of a slightly coherent paste structure with some large pores around aggregate particles.

Comparison of the BSE images under low magnification shows the large continuous pores in Figure 4.17 becoming scattered as smaller sized pores by the addition of nano silica. Under high magnification, the lack of a continuous structure of the binder around particles is clearly shown by the presence of black voids that might be due to the low cement content of modified CRB materials.

The dispersion of CH is so sparse and localised that it was not possible to see trends with the increasing nano silica content in the mixtures. The likely reason could be the consumption of the CH by the nano silica during 28 days of curing/hydration of the specimens.

4.5.2 Carbonated Specimens

According to Table 3.15, specimens 5 to 8 were considered for accelerated carbonated specimens in this section. Specimen 5 has no nano silica as representative of batch S3 and acts as a control mixture for the other specimens.

Fractured specimens for SE images were cured for two weeks in accelerated conditions of 3% CO_2 as described in section 3.5.1. The aim of these images was to identify the microstructural changes caused by carbonation in the cement-fly ash paste and the possible effects of nano silica in mitigating undesired carbonation. .

Figures 4.28 to 4.31 show the SE images from specimens 5 to specimen 8.

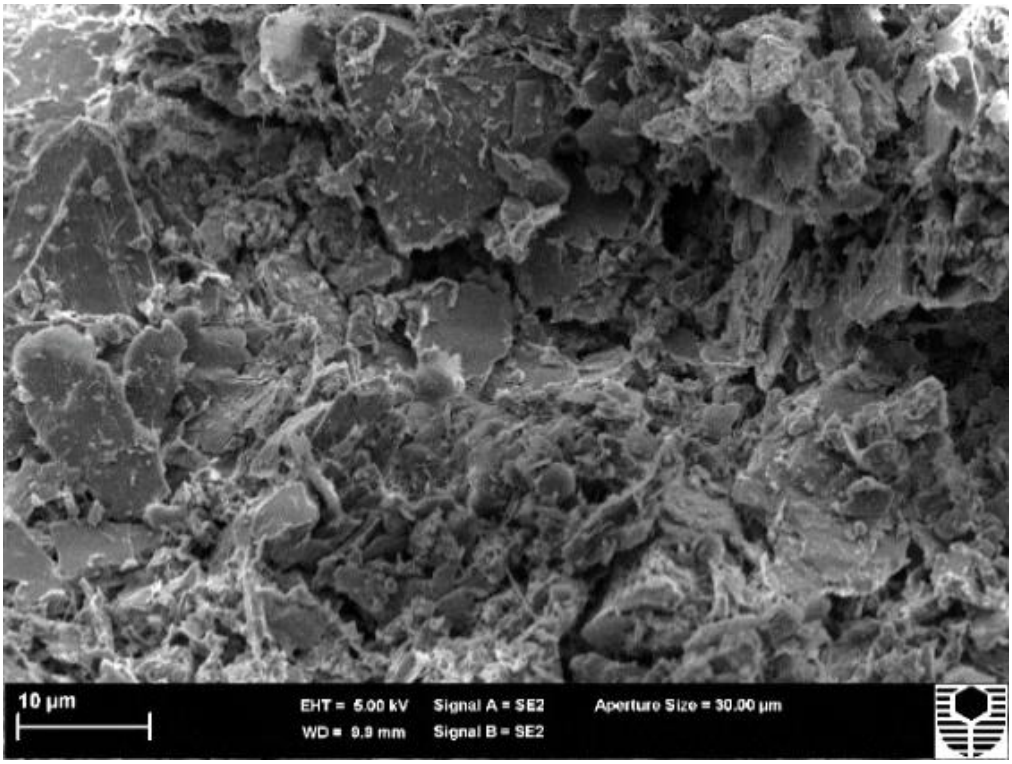


Figure 4.29 SE image of specimen 5 (0% nano silica X 1500)

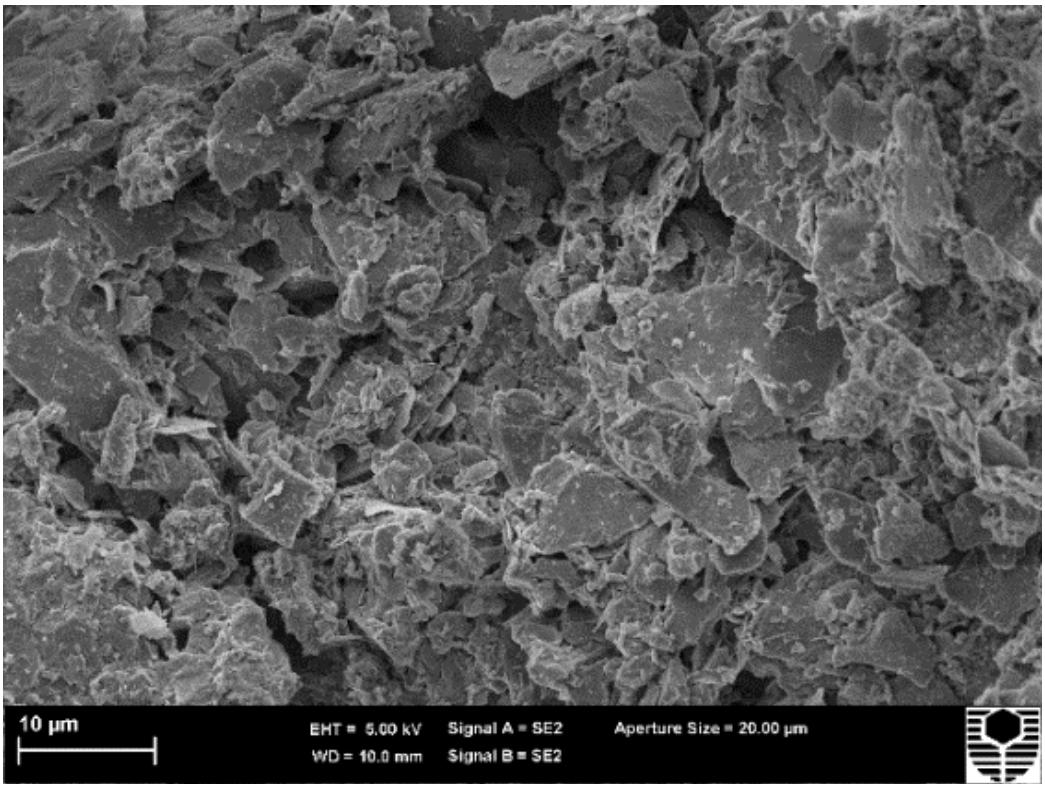


Figure 4.30 SE image of specimen 6 (0.3% nano silica X 1500)

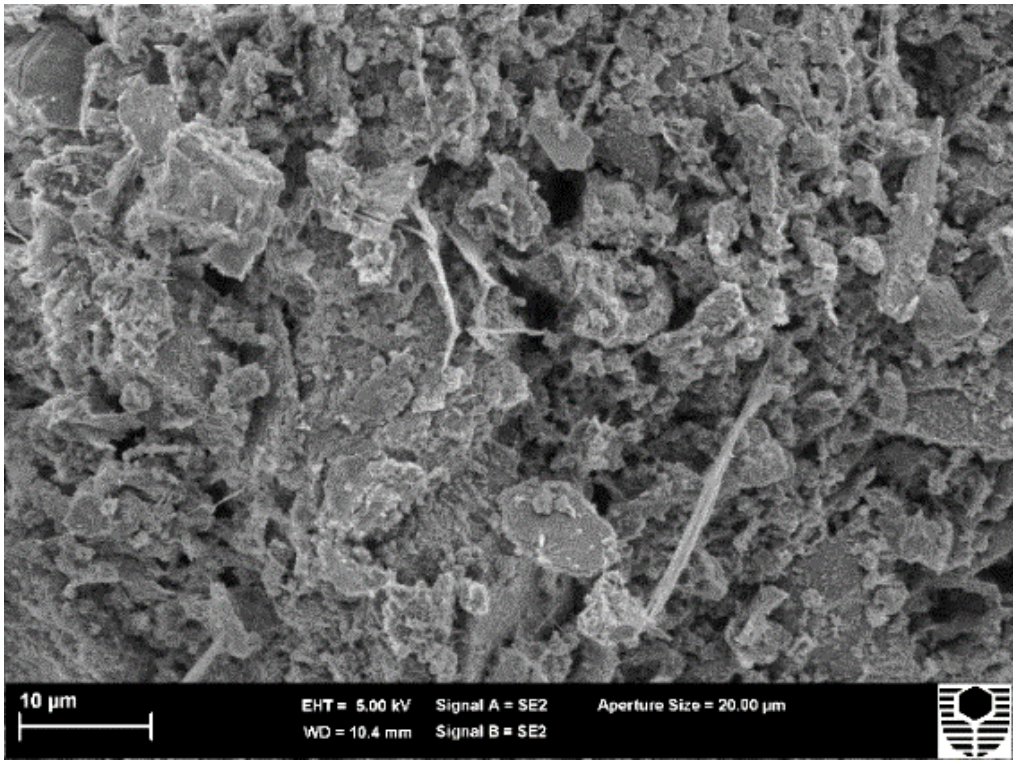


Figure 4.31 SE image of specimen 7 (0.6% nano silica X 1500)

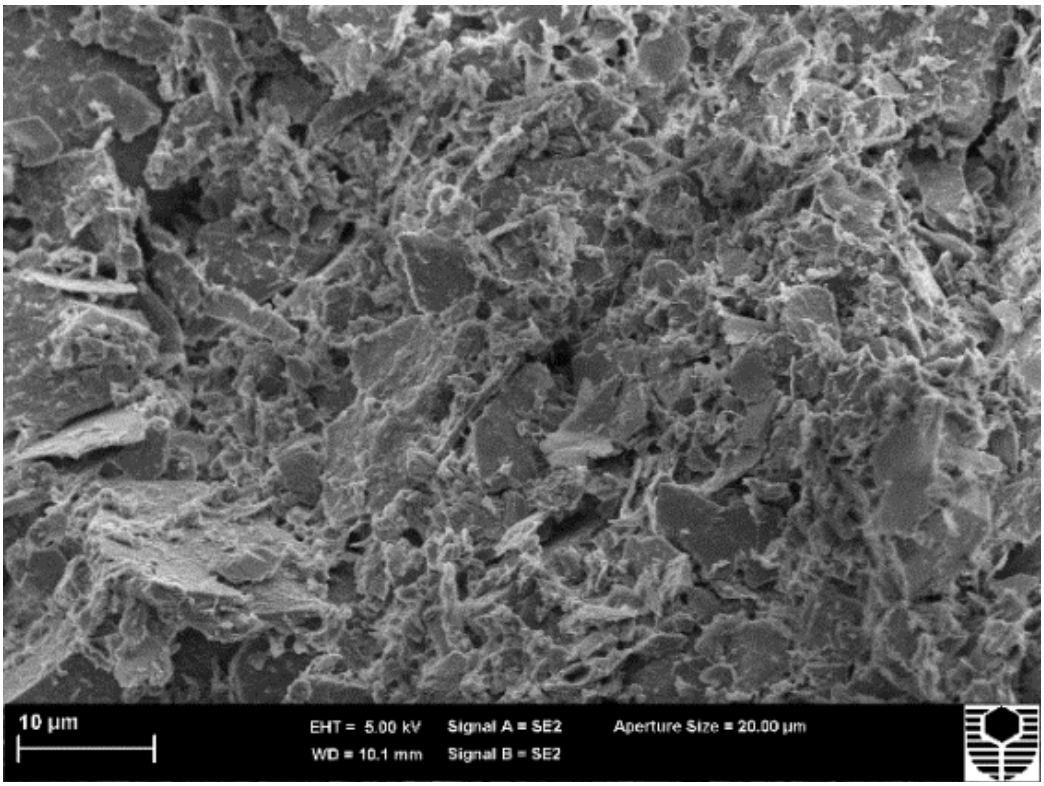


Figure 4.32 SE image of specimen 8 (0.9% nano silica X 1500)

General comparison of the SE images of uncarbonated and carbonated specimens reveals the carbonation effects clearly. Carbonation has influenced the integrity of the mixtures in terms of structural expansion or swelling, which has caused shattering of the matrix in Figure 4.29 to 4.32. The presence of voids has increased to such an extent that a porous structure is visible. The porosity characteristics seem to vary, however, depending on the quantity of the nano silica.

It would also appear that the presence of nano silica reduces the potential for disruption of the cemented matrix by carbonation. This may be due to the stronger binder pastes with the addition of the nano silica, which develop higher tensile strength that resists the expansion forces generated by the carbonation reactions.

Figures 4.33 to 4.44 show similar changes and variations in the BSE images of the mix microstructure caused by carbonation while increasing the nano silica content.

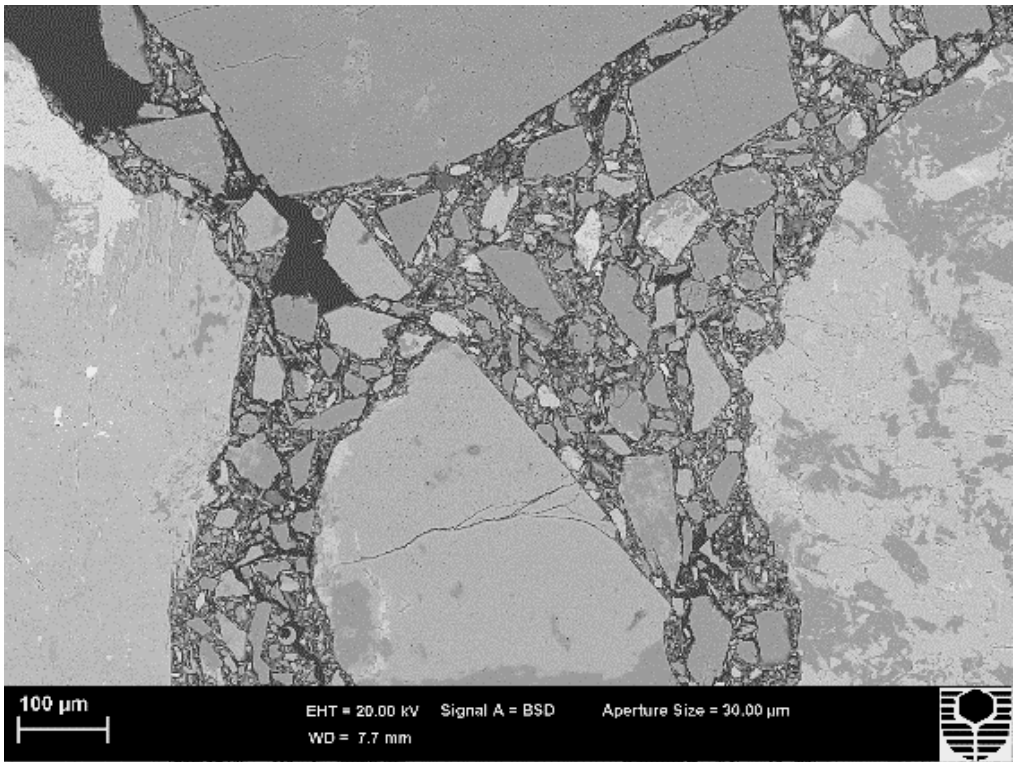


Figure 4.33 BSE image of specimen 5 (0% nano silica X 100)

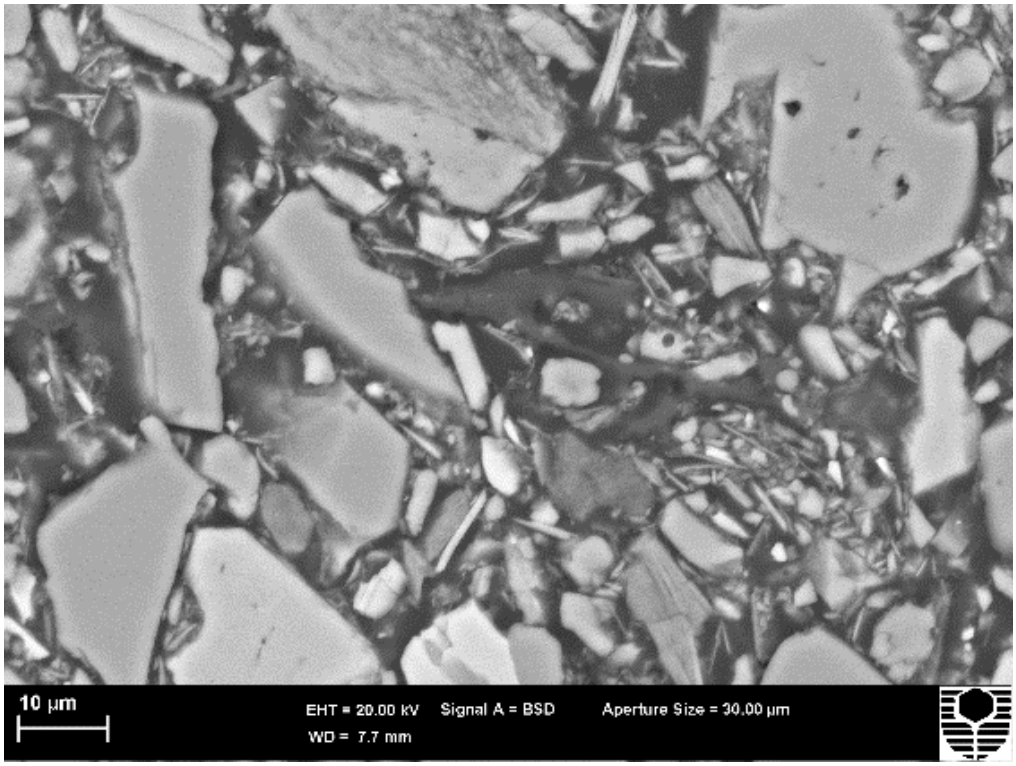


Figure 4.34 BSE image of specimen 5 (0% nano silica X 1000)

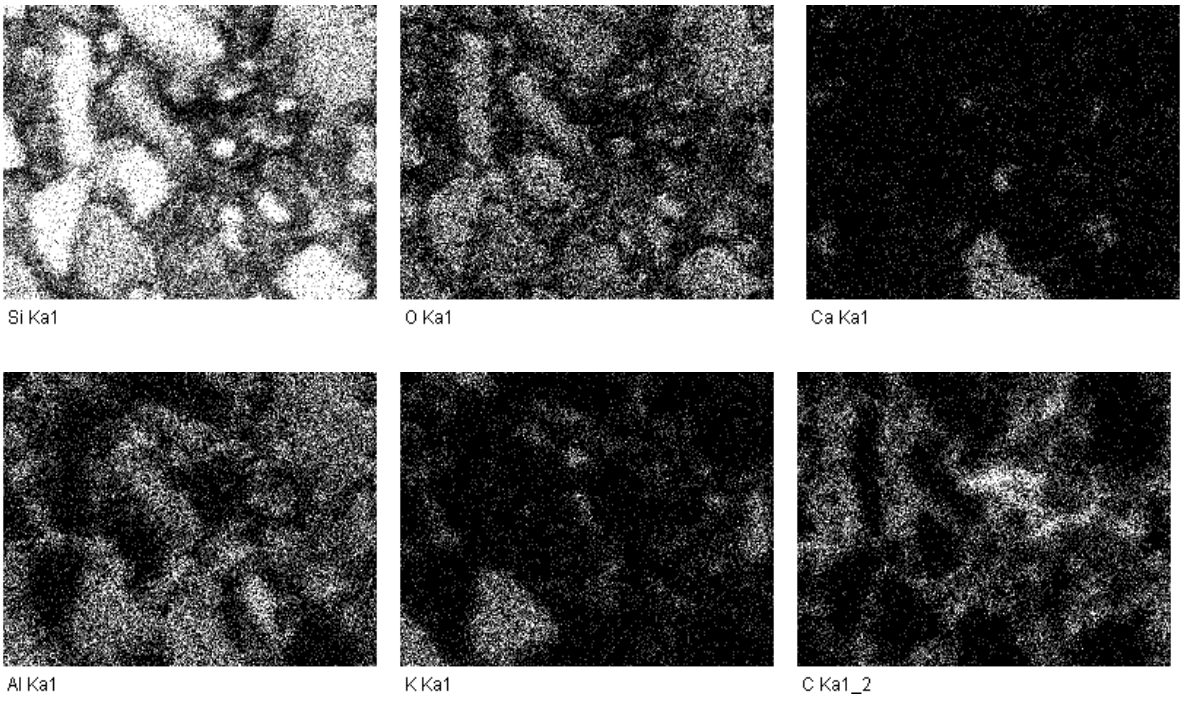


Figure 4.35 EDS map of specimen 5 (0% nano silica X 1000)

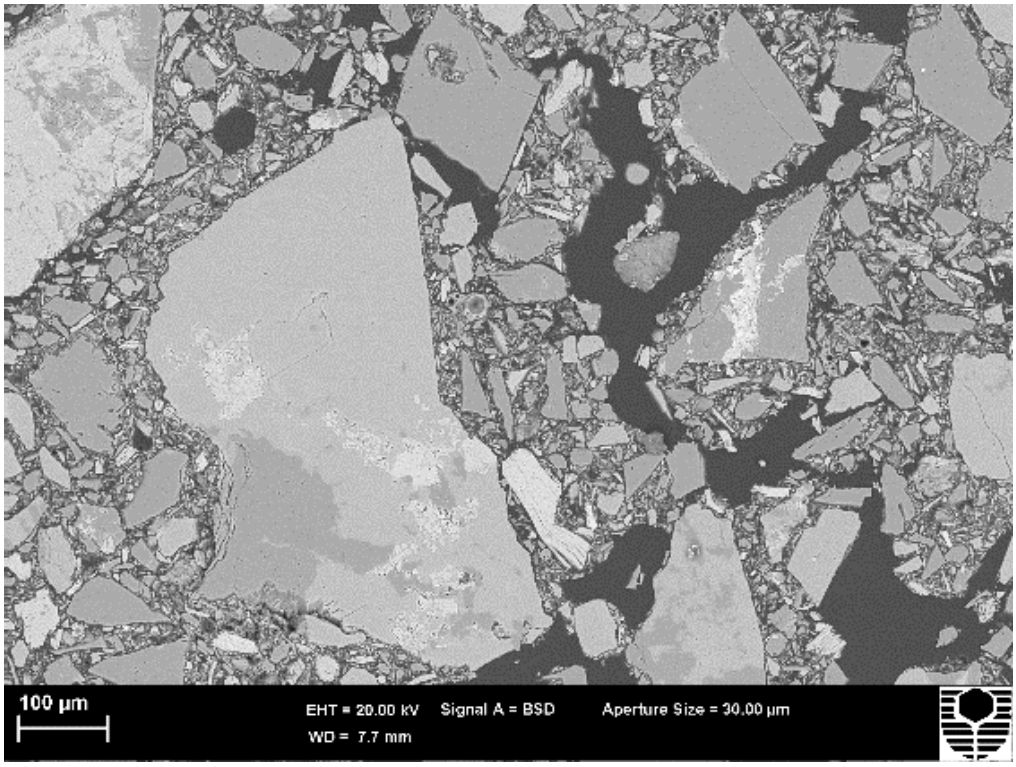


Figure 4.36 BSE image of specimen 6 (0.3% nano silica X 100)

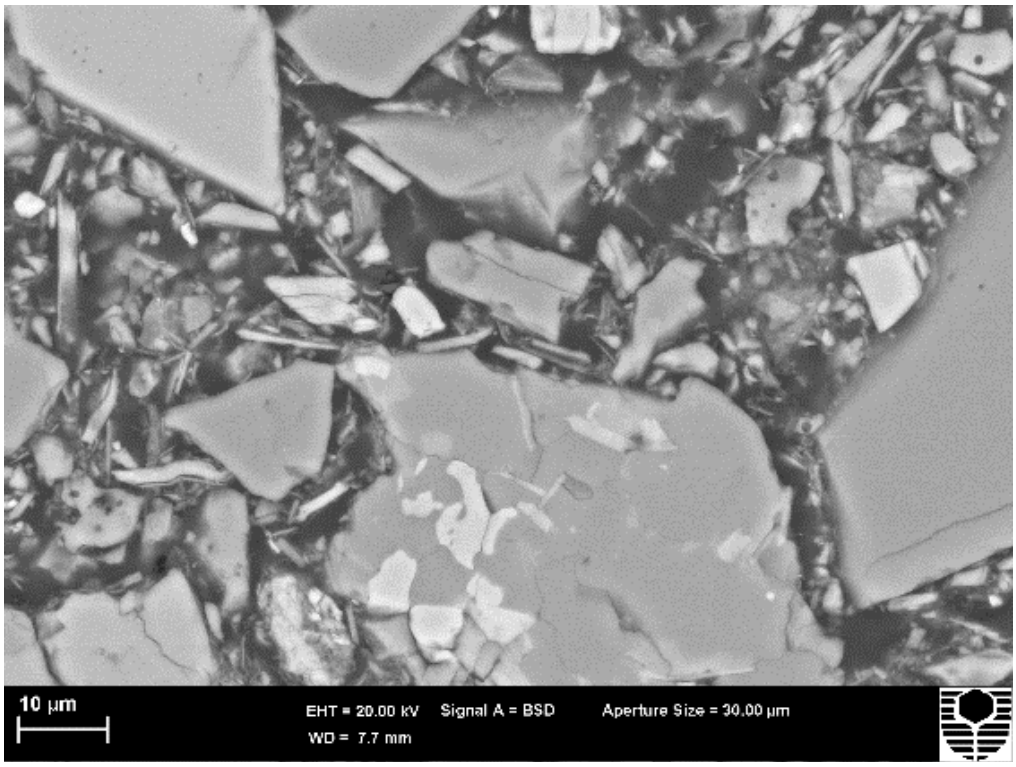


Figure 4.37 BSE image of specimen 6 (0.3% nano silica X 1000)

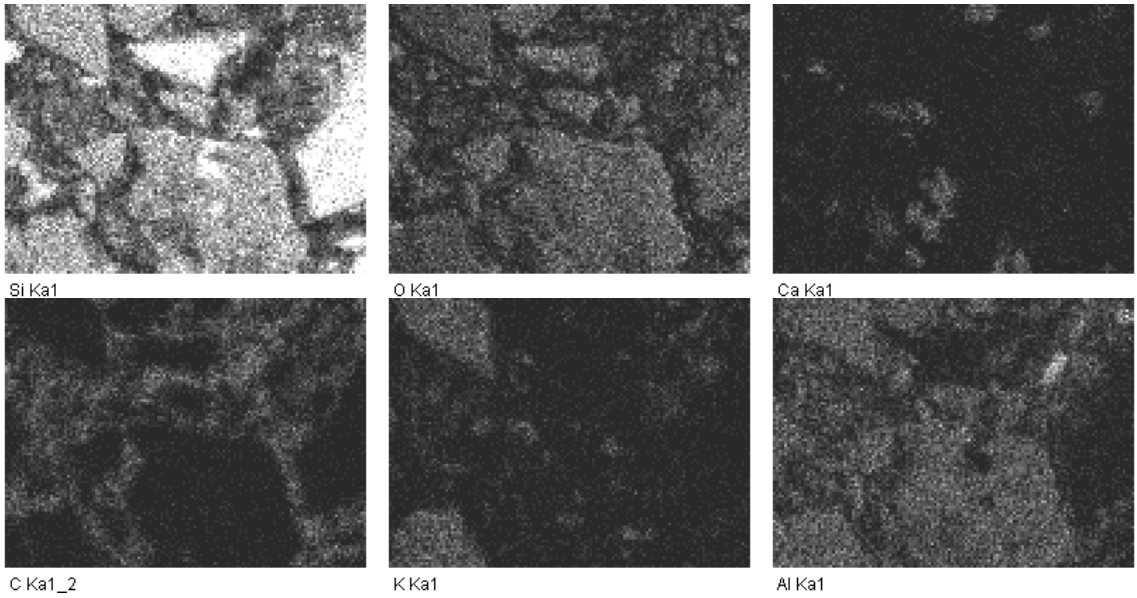


Figure 4.38 EDS map of specimen 6 (0.3% nano silica X 1000)

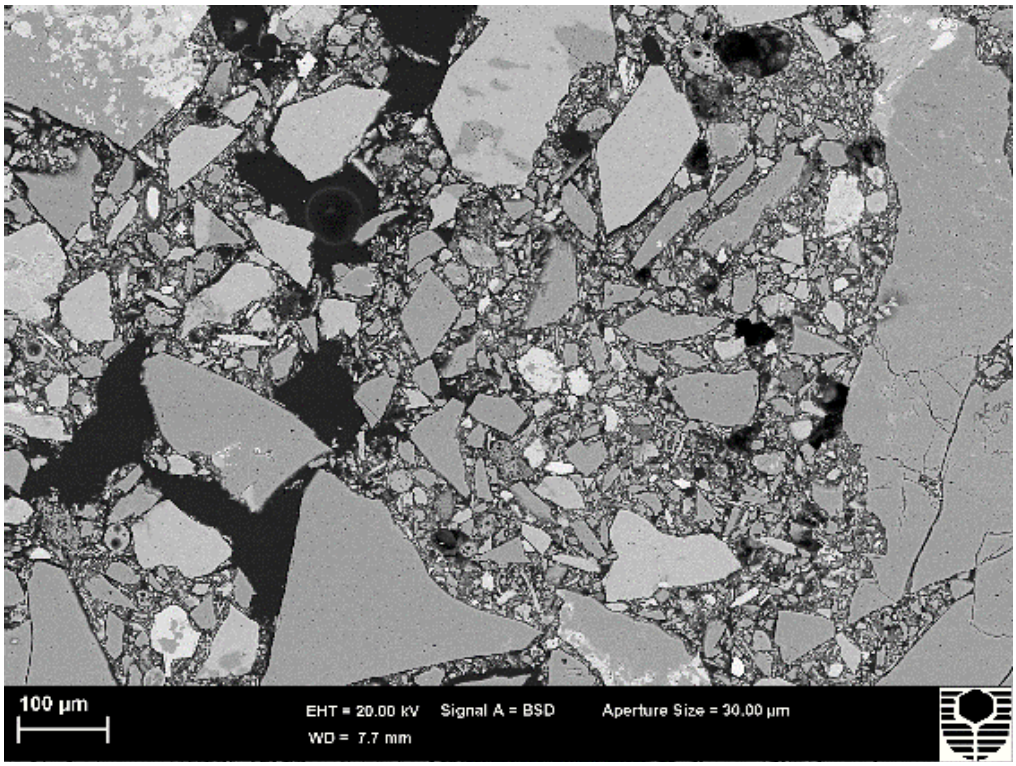


Figure 4.39 BSE image of specimen 7 (0.6% nano silica X 100)

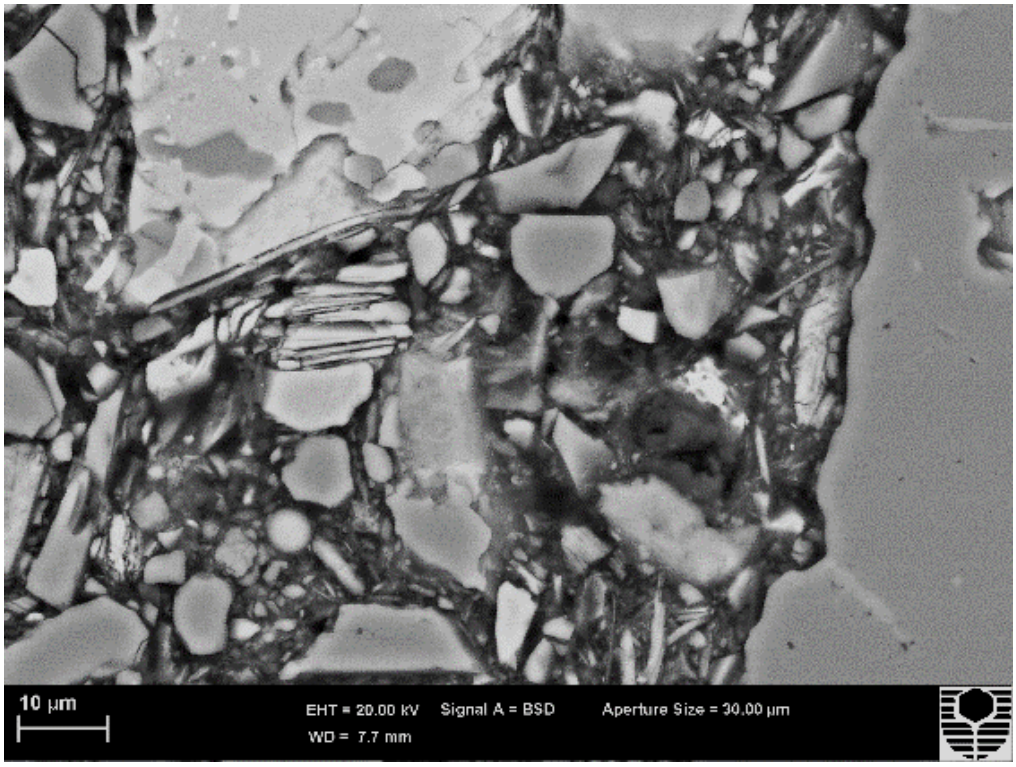


Figure 4.40 BSE image of specimen 7 (0.6% nano silica X 1000)

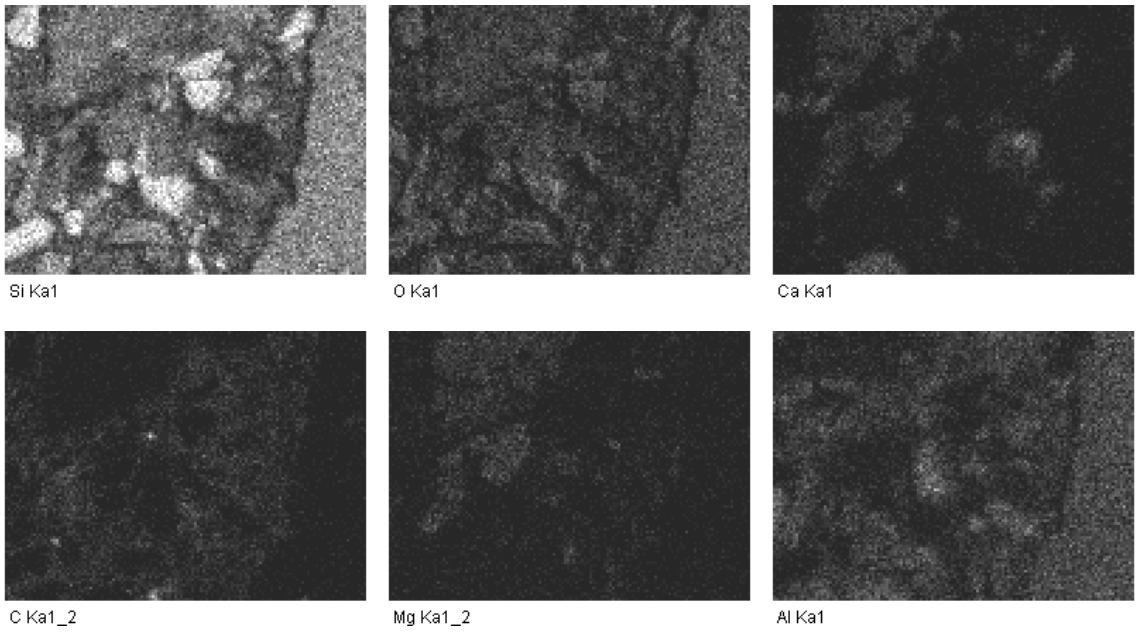


Figure 4.41 EDS map of specimen 7 (0.6% nano silica X 1000)

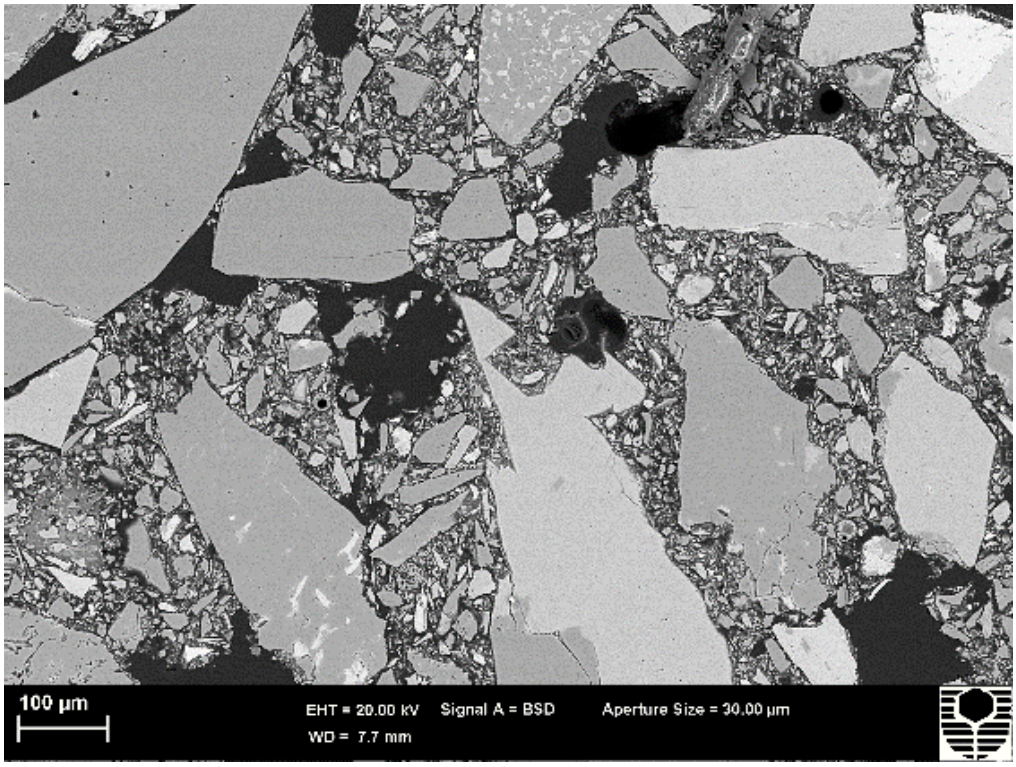


Figure 4.42 BSE image of specimen 8 (0.9% nano silica X 100)

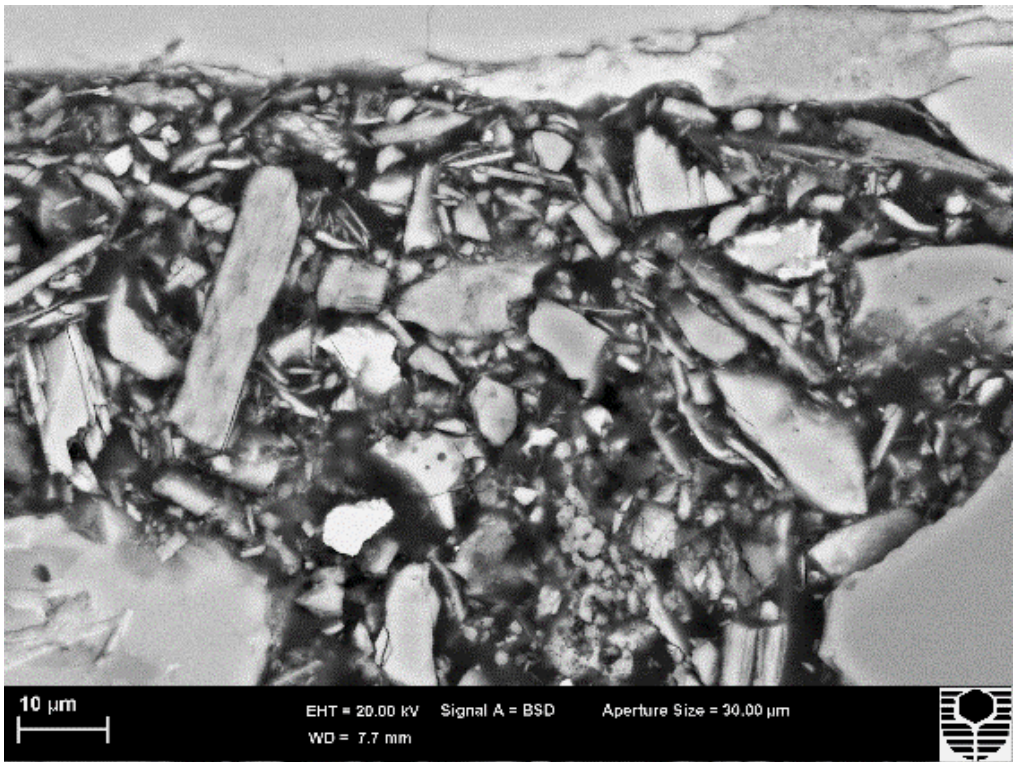


Figure 4.43 BSE image of specimen 8 (0.9% nano silica X 1000)

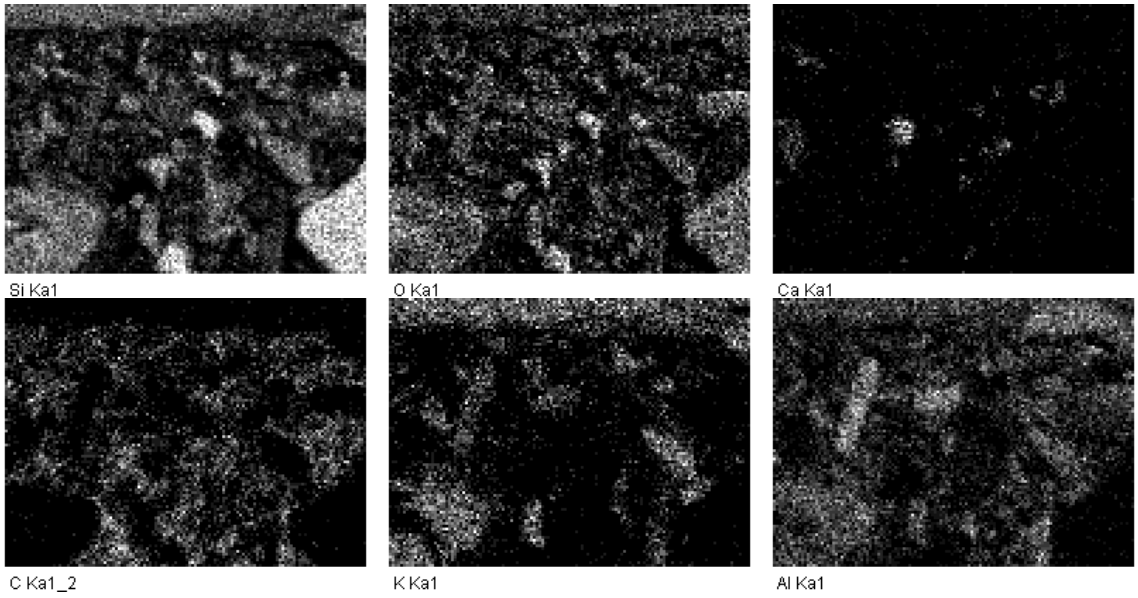


Figure 4.44 EDS map of specimen 8 (0.9% nano silica X 1000)

Similar to the SE images in this section, the presence of large depressions or voids is obvious in the low magnification images. Mainly sand particles are surrounded by black border regions in the high magnification BSE images, which may indicate poor chemical bonds between aggregate particles. However, gradually increasing the nano silica in the mixtures has not shown any remarkable influence on the apparent compositional features of the carbonated specimens.

On the EDS maps with the same brightness of images, finding the traces of calcium carbonate crystals as products of carbonation is difficult as they are so local and scattered. As noted earlier, this might be due to the interaction of the CH produced during the early stages of hydration. In this case, nano silica, like any other pozzolanic material, reacts with the CH particles and consumes the crystals before being attacked later by CO2. If this kind of weakly cemented material could develop sufficient strength during specimen preparation and curing, this subject could be verified by investigating the material at younger ages.

4.5.3 Other Findings

One of other interesting subjects during SEM investigation was exploring the status of the CSH in its contact zone with the aggregates. As such, some high magnification images on the nano scale (Figure 4.45 to Figure 4.50) were produced to show typical interfacial conditions between the CSH and aggregates

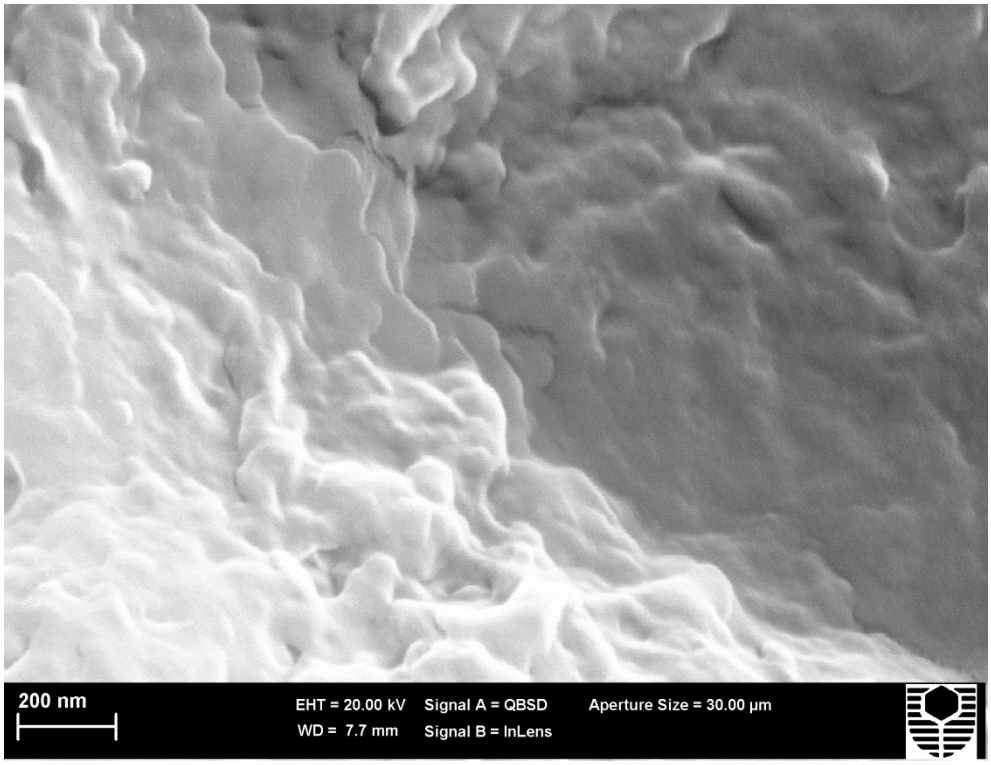


Figure 4.45 SE image of specimen 1 (0.0 % nano silica)

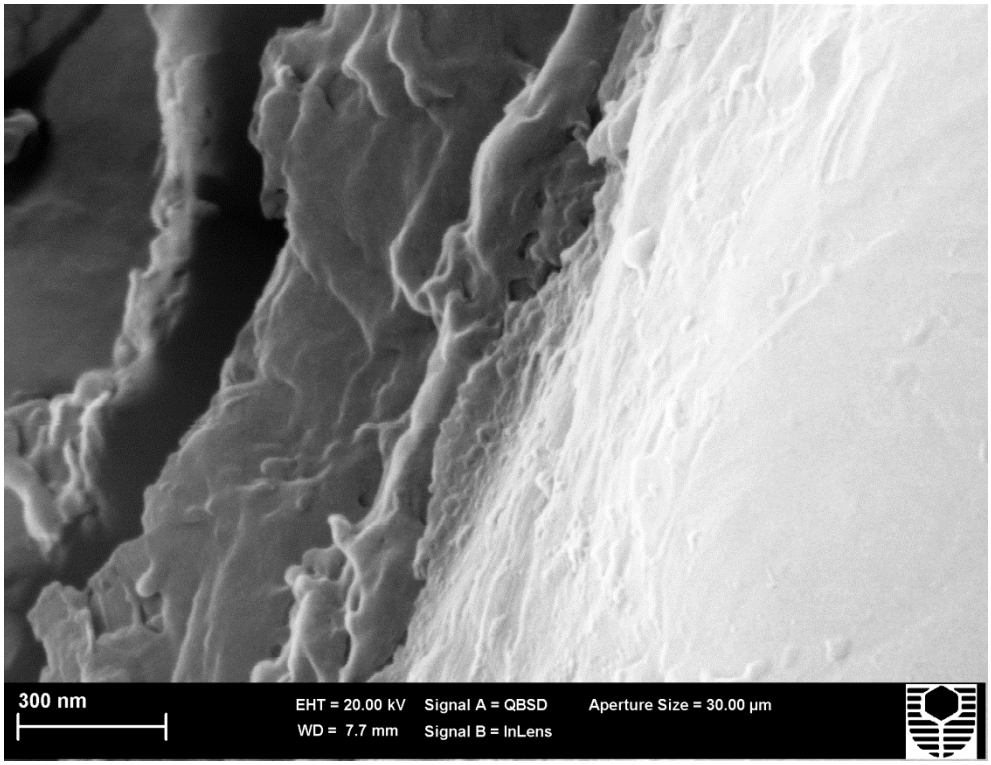


Figure 4.46 SE image of specimen 2 (0.3 % nano silica)

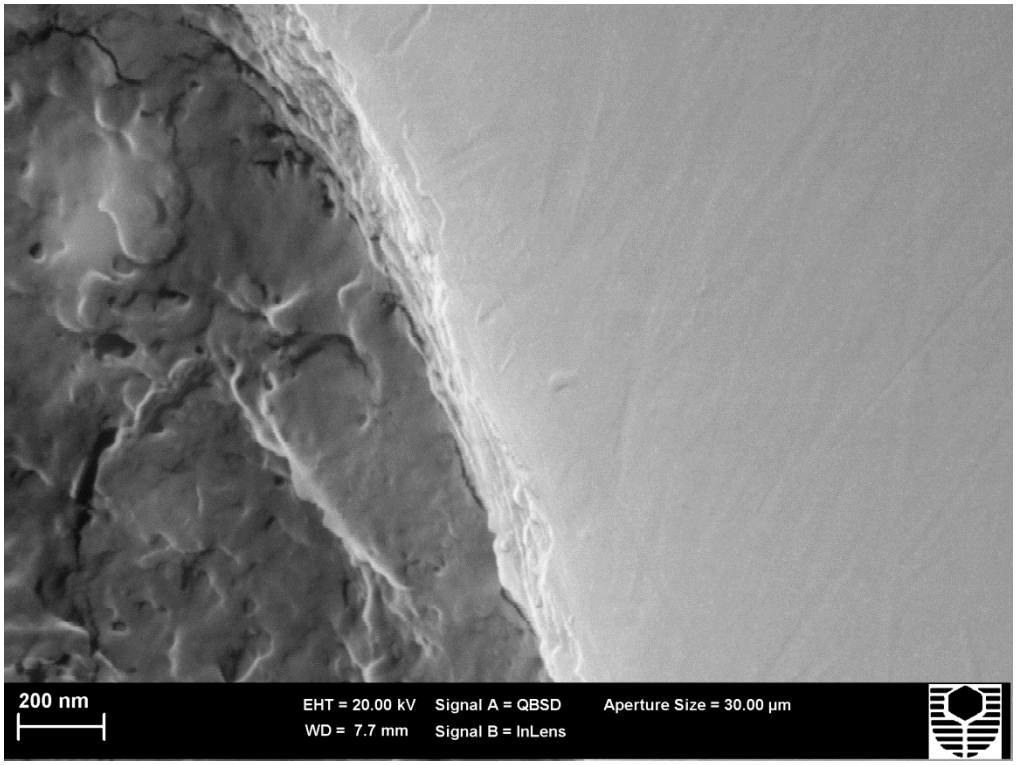


Figure 4.47 SE image of specimen 3 (0.6 % nano silica)

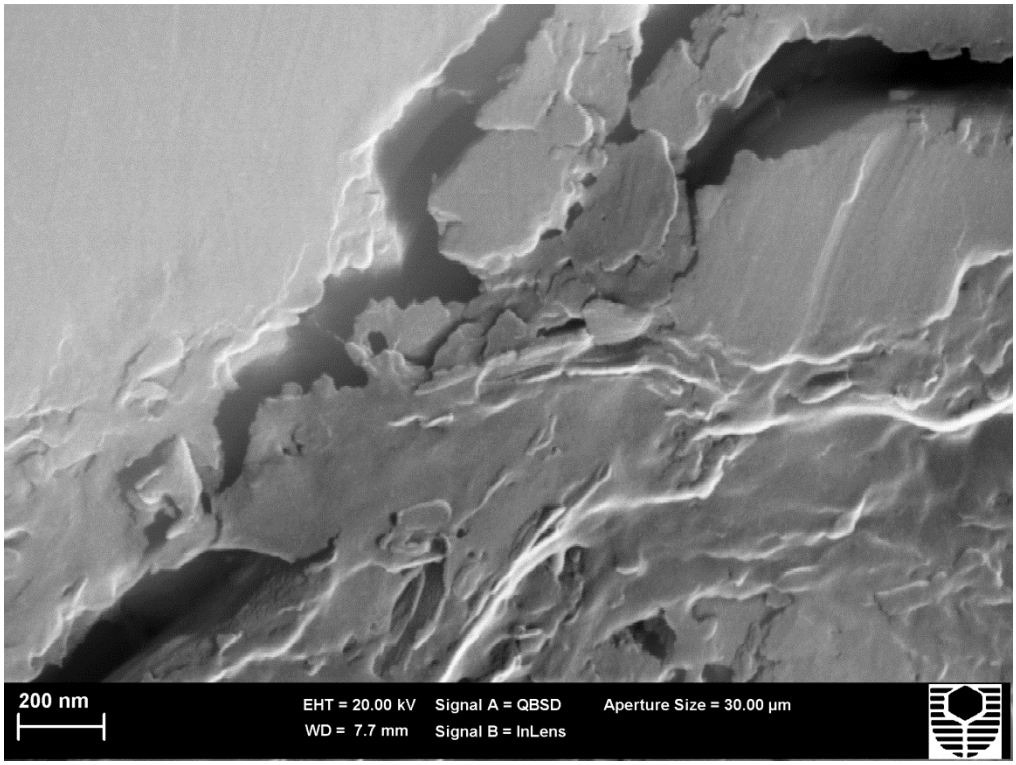


Figure 4.48 SE image of specimen 4 (0.9 % nano silica)

The common feature in the above images is the dominant presence of CSH Type II in all images regardless of their different nano silica contents. The edges of the

aggregates are not fully coated with CSH. In addition, except in Figure 4.46, which shows some openings between the gel matrix and the particles, no cracks or fissures are observed in any of the images. No needle-like structures or CH crystals with their associated decolouring are evident in the vicinity of the contact zones.

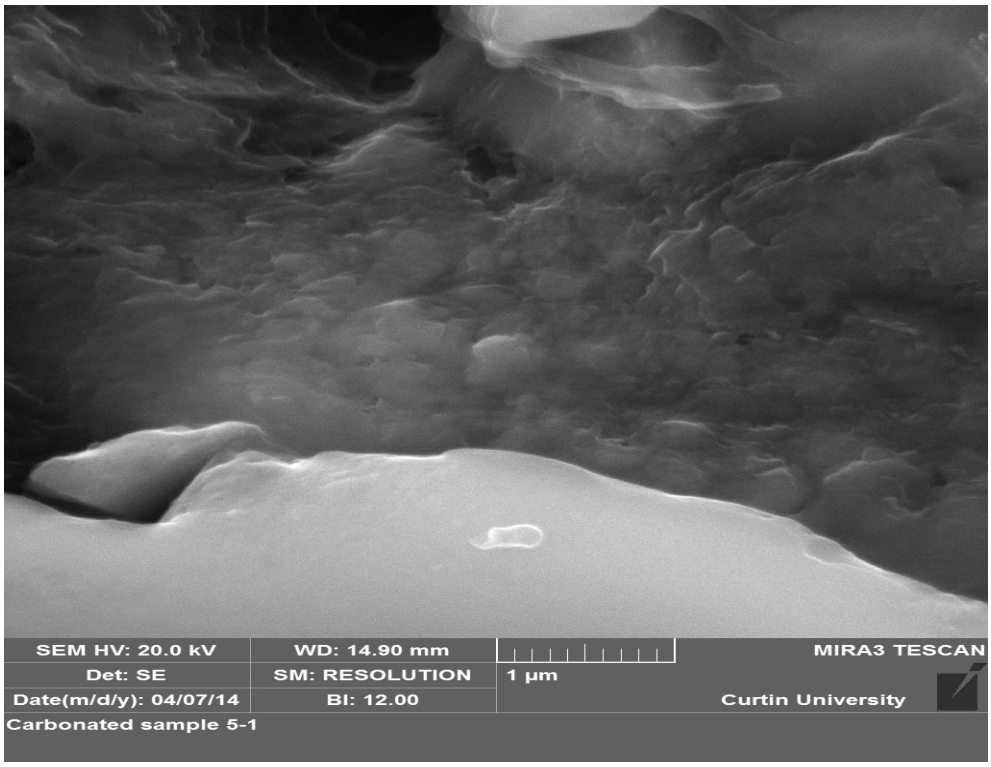


Figure 4.49 SE image of specimen 5 (0.0 % nano silica)

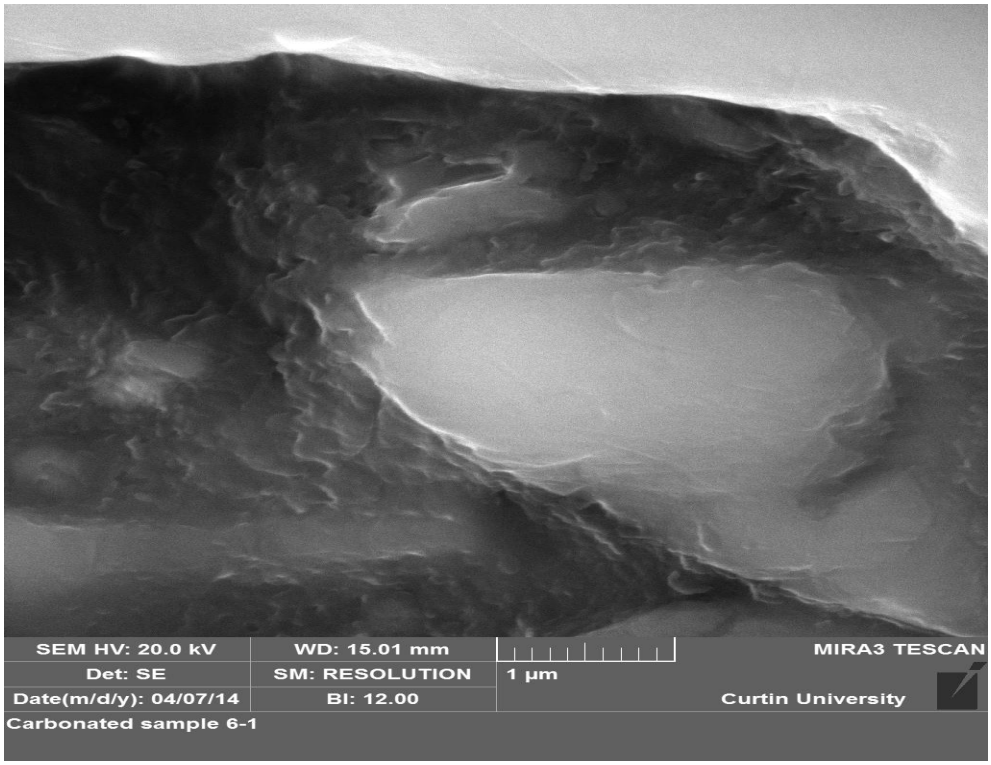


Figure 4.50 SE image of specimen 6 (0.3 % nano silica)

Figures 4.49 and 4.50 also show contact zones after carbonation, with observations similar to those mentioned for Figures 4.45 to 4.48. The main difference is that greater depth of CSH with darker colours. The likely reason for this might be the higher porosity of the binder matrix in the case of carbonation as observed in the lower magnification images.

In summary, the results indicate that nano silica has potentially beneficial effects in assisting with the proper development of well distributed and dense Type II CSH in the case of CRB material with low cement contents.

Furthermore, carbonation appears to make the material more porous from the micro to macro structural levels. It is seen that the carbonation reactions have a microstructural expansion potential that impairs the bonds between the cemented particles. It also partly neutralised hydration products in the presence of nano silica.

CHAPTER FIVE: Conclusions

5.1 Review of aims and actions

The main objective of this research was to find efficient ways of improving the durability of cement stabilised material in general. Another aim was to characterise the design parameters based on durability behaviour of stabilised soils typically in the case of cement modified CRB materials in WA. The study started by reviewing the background and associated issues of this material, which implicitly highlighted carbonation as the main durability factor, similarly to cases in other countries. The issues are so important that this type of material is inhibited to be used in WA unless as a subbase layer.

However, in the absence of durability requirements in Australian pavement design codes, the cement content of this material is obtained based on the required UCS or indirectly on the resilient modulus during the design stage, taking into account the lowest shrinkage or most minor fatigue cracks. While the lowest possible range of cement content is always desired, that range is not usually sufficient according to the durability requirements set out by the Portland Cement Association (PCA) (1992) or The United States Army Corps of Engineers (USACE) (1984). Thus, the efficient use of supplementary products has been an aim here, in order to best meet the durability deficits of cement modified CRB material.

For this reason, the idea of using traditional pozzolanic materials such as fly ash along with nanotechnology products such as nano silica was considered in the light of durability improvement. Other nano products, as described in section 2.9.3, might also be useful in this respect, but it was noted that carbonation issues are mainly influenced by hydration reactions that need finer pozzolanic products to produce a less porous and a denser binder paste. As such, nano silica was assumed to be effective in the optimal usage of cement in meeting design requirements while increasing durability in accelerated wet/dry cycles or carbonation conditions.

Achieving the above aims required an organised experimental program including a variety of different durability and mechanical tests. As such, six different mixes including a double binder of fly ash and cement were initially evaluated to address the structural design requirements and screen limited mix design for stage three.

In stage three, two mixes were selected to be treated with nano silica at three percentages, in order to investigate variations in the resilient modulus and durability test results. This program continued on stage four which was associated with accelerated carbonation conditions in order to simulate the long-term behaviour of nano silica added mixtures. Finally, as well as the laboratory tests, the microstructural changes in cementitious binder were also explored using different SEM imaging techniques.

5.2 Review of Obtained Results

The following important findings are summarised from the detailed results reported in Chapters Three and Four, and arranged according to priority.

I. Batches S2 and S3 were capable of meeting structural design requirements with no sufficient durability as noted in section 3.3.4 and section 3.3.5.

II. Some durability tests such as TST and ICC could not make significant distinctions between initial mix designs in stage one, thus they were not considered for further stages of the experimental program.

III. Inclusion of nano silica in batches S2 and S3 resulted in remarkable increments in UCS and Mr test results for at least 20% to about 80% as stated in sections 3.4.3 and 3.4.6. Similar trends were observed in the wet/dry cycle test results which showed about 35-40% improvement in durability as noted in section 3.4.4.

IV. Nano silica has the potential to increase shrinkage, but this cannot be considered as a drawback of this product as its results are still below the limits suggested by the PCA as discussed in section 3.4.5.

V. The above results reveal that choosing nano silica over the other nano particles because of its effectiveness in the hydration reaction was highly relevant to the aims of this research.

VI. Carbonation reactions can decrease the Mr and UCS of the material by about 30-50%, depending upon the constituents of the mixes and the stress conditions of the base course layer as stated in section 3.5.3 and 3.5.4.

VII. Carbonation reactions do not significantly influence the results of wet/dry cycle tests based on transient hydro-mechanical finite element simulations of tests as detailed in section 4.2. It seems that the strain due to water movement or shrinkage induces high tension zones in cylindrical specimens in this test.

VIII. The mathematical carbonation model for concrete developed by (Papadakis et al., 1990)it can estimate the progress of carbonation with the required accuracy based on the concentration of mix design elements in the material considered in this research, as discussed in section 4.3.

IX. Accelerated carbonation conditions provided suitable conditions for developing a simple carbonation model by means of equation (2.9). The constants of this equation are presented in Table 4.5 and Table 4.6 for batches S2 and S3 in a range of 6.0- 7.5 ($mm/day^{0.5}$).

X. Three properly fitted nonlinear correlations of Mr, UCS and mix design constituents were developed for subset mixes of batches S2 and S3 with various nano silica contents. Equations (4.9) to (4.11) in section 4.4 can be used for the characterisation of design parameters during 28 days curing of the considered material.

XI. In the case of the carbonated conditions, four properly fitted nonlinear and time dependent correlations of Mr and mix design constituents were developed for subset mixes of batches S2 and S3 with various nano silica contents. The equations (4.12) to (4.15) in section 4.4 can be used for characterisation of post carbonation design parameters.

XII. SEM imaging techniques revealed that nano silica provides a massive and dense structure for Type II silica gel during the hydration period of cement modified CRB material. In addition, pore size distribution seemed to decrease steadily, resulting in the distribution and filling of the paste with finer pores. This case limits the development of euhedral crystals of calcium hydroxide in the mixture.

XIII. Based on the SE images, carbonation influences the integrity of the mixtures in terms of structural expansion or inflation, which caused the shattering of the highly porous binder matrix.

Understanding the characteristics of nano silica and carbonation in terms of their effects on design parameters can be considered the first step in further similar studies. The results of this investigation emphasize that a small percentage of nano silica (by dry weight of cement) can substitute higher cement consumption in the stabilisation industry.

Nano silica effectively rectifies the likely deficits of traditional pozzolanic material such as fly ash. It brought new motivation for the use of the by-products of industry to promote the sustainability of natural resources.

5.3 Recommendations

The following recommendations are made with regard to the aims defined in this research:

- This study can be expanded by considering various other possibilities in binder content, especially by increasing fly ash content to make less porous products with pozzolanic material. Even fly ash can be replaced with other traditional pozzolanic material.
- The subject of shrinkage cracking can be verified by large scale tests in the field within ambient environmental conditions, in order to measure real cracking pattern.
- The stoichiometric relations and diffusion equations of the mathematical carbonation model can be modified further for soil stabilisation purposes
- Further research may be undertaken to investigate the effect of other similar nano particles on the generation of carbonation and hydration products.
- Hydro-mechanical finite element analyses can be developed by considering other mechanical behaviour of material such as elasto- plastic relationships.

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APPENDICES

APPENDIX A:	Particle Size Distribution (PSD)
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APPENDIX K:	Shrinkage
APPENDIX L:	Ansys Analyses Results

Appendix A: Particle Size Distribution (PSD)

Crushed Rock Base (CRB) material Grading Test Results

Sieve Aperture mm	Percent Passing %				
	Sample			MRWA Limits	
	A	B	C		
19	99.0	97.0	95.0	95	100
13.2	74.5	78.0	84.0	70	90
9.5	57.0	62.0	68.0	60	80
4.75	41.0	45.0	52.0	40	60
2.36	31.0	34.0	38.0	30	45
1.18	22.0	25.0	28.0	20	35
0.6	16.1	19.0	21.0	13	27
0.425	13.2	16.0	17.8	11	23
0.3	10.8	13.0	15.0	8	20
0.15	7.3	9.0	10.0	5	14
0.075	2.4	5.0	4.0	5	11

APPENDIX B: Compaction

Stage One

CRB material

Moisture Content (%)	Dry Unit weight (KN/m3)
3.9	22.1
5.1	22.5
5.8	22.8
7.5	22.9
8.2	22.6

Stage Two

Batch S1

Moisture Content (%)	Dry Unit weight (KN/m3)
3.01	22.10
4.28	22.50
5.43	22.91
6.12	23.04
7.40	22.90

Batch S2

Moisture Content (%)	Dry Unit weight (KN/m3)
3.32	22.29
4.13	22.59
5.33	22.98
6.33	23.13
7.32	22.97

Batch S3

Moisture Content (%)	Dry Unit weight (KN/m3)
3.15	22.29
3.90	22.77
5.10	23.00
6.26	23.17
7.30	23.02

Batch S4

Moisture Content (%)	Dry Unit weight (KN/m3)
2.79	22.39
3.90	22.79
5.36	23.20
6.11	23.25
7.50	23.00

Batch S5

Moisture Content (%)	Dry Unit weight (KN/m3)
3.36	22.62
5.16	23.22
5.93	23.32
7.01	23.21
7.30	23.13

Batch S6

Moisture Content (%)	Dry Unit weight (KN/m3)
2.62	22.46
3.60	22.86
4.92	23.30
6.18	23.36
7.48	23.01

Stage Three

Batch S2N2

Moisture Content (%)	Dry Unit weight (KN/m3)
3.61	22.64
4.84	22.98
5.63	23.05
6.82	23.10
7.20	23.01

Batch S2N3

Moisture Content (%)	Dry Unit weight (KN/m3)
3.19	22.40
3.95	22.58
4.89	22.93
5.76	23.07
7.21	22.95

Batch S2N4

Moisture Content (%)	Dry Unit weight (KN/m3)
3.60	22.36
4.13	22.71
5.41	23.03
6.34	23.15
7.15	23.01

Batch S3N2

Moisture Content (%)	Dry Unit weight (KN/m3)
3.95	22.25
4.80	22.65
6.64	23.15
6.40	23.20
7.70	22.80

Batch S3N3

Moisture Content (%)	Dry Unit weight (KN/m3)
4.70	22.44
5.97	23.04
6.71	23.14
6.80	22.84
7.30	22.74

Batch S3N4

Moisture Content (%)	Dry Unit weight (KN/m3)
3.40	22.27
4.42	22.67
5.61	23.24
6.02	23.23
7.76	22.82

APPENDIX C: TST

Tube Suction Test Results:

DV measurements

Time / Batch	10 (min)	30 (min)	1 (day)	2 (day)	3 (day)	4 (day)	5 (day)	6 (day)	7 (day)	8 (day)	9 (day)	10 (day)
S1	2.4	2.6	4.4	4.1	4.6	4.5	5.0	4.9	5.5	5.5	4.8	5.3
S2	2.72	2.84	4.96	4.78	5.02	4.94	5.2	5.32	5.96	5.74	5.66	5.82
S3	3.28	3.26	2.94	6.28	7.76	7.02	7.46	6.76	7.84	7.68	7.16	7.82
S4	2.18	2.32	2.14	3.32	3.56	3.68	3.42	3.82	3.72	3.56	3.88	3.34
S5	4.22	9.82	9.48	8.3	10	8.56	9.6	8.6	8.9	9.2	8.2	8.9
S6	3.28	6.36	6.24	6.46	6.78	6.3	6.7	6.48	6.6	6.56	6.38	6.67

APPENDIX D: UCS Stage Two

UCS Test Results, Stage Two

S1-1	7 days		S1-2	7 days		S2-1	7 days		S2-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
0.0002	14.9	0.0216	0.0002	7.3	0.2565	0.0002	20.38507	-0.0013	0.0002	9.170745	0.0014
1.2011	9.6	0.0405	4.9998	9.4	0.3281	0.6804	25.13853	0.0108	0.2317	15.6514	0
1.2306	4.4	0.0419	9.9997	12.2	0.3997	1.9998	25.22995	0.0297	0.3344	22.13206	-0.0014
1.2526	-0.9	0.0432	15	14.7	0.4739	3.9997	25.77842	0.0581	0.3917	28.61272	-0.0027
1.2758	-6.2	0.0446	19.999	18.2	0.5468	5.6232	20.93354	0.0824	0.4826	35.09338	0.004
1.3006	-11.5	0.0365	24.999	20.6	0.6184	5.7937	25.77842	0.081	1.2577	41.57404	0.0176
1.4353	-6.2	0.0365	29.999	24.8	0.6913	5.9995	29.70918	0.0864	1.9998	42.42998	0.0284
1.4709	-0.9	0.0324	31.749	19.6	0.7183	7.9993	30.34907	0.1148	3.9765	48.78836	0.0581
1.4872	4.4	0.0324	31.955	24.8	0.7156	9.9992	31.90309	0.1431	3.9997	47.93243	0.0567
1.5035	9.6	0.0324	34.999	28.3	0.7642	11.546	27.0582	0.1688	5.9995	49.6443	0.0864
1.5211	14.9	0.0378	39.999	32.5	0.8358	11.834	31.90309	0.1674	7.9993	53.92398	0.1161
2.5893	20.2	0.0581	44.847	37.7	0.906	11.999	33.54852	0.1728	9.9992	55.63585	0.1458
4.9998	23	0.0932	44.998	38	0.9087	13.543	28.70364	0.1985	11.999	59.5487	0.1742
7.4245	28.3	0.1283	49.998	42.2	0.9816	13.809	33.4571	0.1971	13.999	61.26057	0.2039
9.9997	31.8	0.1661	53.814	36.9	1.0383	13.999	35.10254	0.2025	15.999	64.19521	0.2322
11.267	26.5	0.1877	53.93	42.2	1.0356	15.588	30.25765	0.2268	17.999	66.39619	0.2619
11.521	31.8	0.1836	54.741	47.4	1.0491	15.775	35.10254	0.2241	19.998	68.964	0.2903
13.648	37.1	0.2187	54.998	47.4	1.0545	15.999	35.74243	0.2309	21.998	71.89864	0.32
15	36.4	0.239	59.92	52.6	1.1207	17.999	37.38786	0.2606	23.998	74.09962	0.3484
17.421	41.6	0.2741	59.998	52.2	1.1261	19.625	32.54298	0.2849	25.998	76.54515	0.3781
19.209	36.3	0.3025	63.926	57.4	1.1814	19.793	37.29644	0.2822	27.998	80.458	0.4064
19.477	41.6	0.2997	64.998	56.7	1.199	19.998	39.58177	0.2889	29.998	83.88174	0.4361
19.999	44.4	0.3119	67.913	61.9	1.2409	21.998	40.86155	0.3173	31.997	87.30549	0.4658
21.194	39.1	0.3308	69.998	64.4	1.2706	23.998	42.14133	0.3484	33.997	91.09606	0.4942
21.468	44.4	0.3322	73.466	69.5	1.3205	25.588	37.29644	0.3713	35.997	94.51981	0.5225
24.999	47.2	0.3835	73.664	64.3	1.3246	25.787	42.14133	0.3686	37.997	99.16632	0.5522
27.522	52.5	0.4213	73.864	69.5	1.3259	25.826	46.89479	0.3727	39.997	102.2232	0.5806
29.999	54.6	0.4564	74.997	71.6	1.3435	25.998	46.98621	0.3767	41.997	106.8697	0.6117
31.236	49.3	0.4766	75.679	66.4	1.3543	27.998	47.53468	0.4037	43.996	111.1494	0.64
31.347	44	0.478	75.893	71.6	1.3529	29.998	48.17457	0.4334	45.996	114.0841	0.667
31.515	49.3	0.4753	77.931	76.8	1.3853	31.997	49.45435	0.4618	47.996	117.5078	0.6967
31.556	54.5	0.4753	79.997	78.2	1.4164	33.577	44.60947	0.4874	49.996	122.5211	0.7264
31.597	59.8	0.4793	83.391	83.3	1.4663	33.733	49.45435	0.4847	51.996	125.5781	0.7561
33.219	54.5	0.5063	83.643	78.1	1.4704	33.997	50.73413	0.4915	53.996	131.4473	0.7831
33.464	59.8	0.5036	83.912	83.3	1.469	35.997	52.92804	0.5212	55.995	134.5043	0.8128
34.999	62.6	0.5279	84.997	84	1.4879	37.612	48.17457	0.5455	57.995	138.6617	0.8425
36.975	67.8	0.5576	85.667	78.8	1.5001	37.742	52.92804	0.5455	59.995	143.7973	0.8709
37.202	62.6	0.5644	85.919	84	1.496	37.997	56.12749	0.5495	61.995	146.7319	0.8992
37.247	57.3	0.563	87.374	89.2	1.5217	39.548	51.28261	0.5738	63.995	148.8106	0.929
37.327	52	0.5657	87.696	84	1.5285	39.796	56.12749	0.5711	65.995	150.8893	0.9573
37.558	57.3	0.563	87.873	89.2	1.5271	39.997	57.77292	0.5792	66.82	157.2477	0.9695
37.59	62.6	0.5603	89.885	94.4	1.5582	41.585	52.92804	0.6022	67.994	157.2477	0.987
37.619	67.8	0.5644	89.997	94	1.5609	41.739	57.68151	0.6009	69.994	161.0383	1.0167
39.815	73.1	0.5995	91.673	88.8	1.5865	41.997	59.60118	0.6076	71.859	167.3967	1.0424
39.999	71.6	0.6009	91.906	94	1.5838	43.532	54.84771	0.6292	71.994	167.3967	1.0451
42.174	76.9	0.6333	93.899	99.2	1.6162	43.692	59.60118	0.6319	73.994	169.4754	1.0734
43.188	71.6	0.6508	94.997	99.5	1.6338	43.996	62.16074	0.636	75.477	175.8337	1.095
43.279	66.4	0.6508	95.665	94.3	1.6446	45.551	57.40727	0.6616	75.994	173.755	1.1018
43.466	71.6	0.6481	95.927	99.5	1.6432	45.757	62.16074	0.6589	77.953	180.1134	1.1315
43.498	76.9	0.6481	95.99	104.7	1.6473	45.996	65.36019	0.6643	77.994	180.1134	1.1315
44.998	80.7	0.6738	97.694	99.5	1.6729	47.996	68.19399	0.694	79.993	183.904	1.1612
47.392	85.9	0.7062	97.864	104.7	1.6702	49.568	63.44052	0.717	81.993	188.0614	1.1895
49.223	80.7	0.7359	99.914	109.8	1.7026	49.722	68.19399	0.717	83.993	193.0747	1.2179
49.462	85.9	0.7359	99.997	110.5	1.7053	49.996	70.75355	0.7237	85.993	196.0094	1.2476
49.75	91.2	0.7426	101.65	105.3	1.731	51.574	66.00008	0.748	87.993	201.5118	1.2773

UCS Test Results, Stage Two

S1-1	7 days		S1-2	7 days		S2-1	7 days		S2-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
49.998	89.1	0.7467	101.78	100.1	1.7323	51.77	70.75355	0.7453	89.993	206.5252	1.3057
50.89	83.8	0.7602	101.91	105.3	1.7296	51.996	73.03887	0.7521	91.992	210.8049	1.334
51.167	78.5	0.7656	101.95	110.5	1.7296	53.996	76.51256	0.7818	93.992	214.5954	1.3637
51.439	83.8	0.7656	101.99	115.7	1.7337	55.562	71.66768	0.8061	95.352	220.8315	1.3826
52.462	89	0.7804	103.71	110.5	1.762	55.756	76.51256	0.8034	95.992	219.1197	1.3921
53.447	94.3	0.7953	103.89	115.7	1.758	55.995	78.70647	0.8101	97.682	225.478	1.4164
54.998	97	0.8196	105	118.4	1.7782	57.557	73.86159	0.8344	97.992	224.133	1.4218
55.201	91.8	0.8223	106.89	123.6	1.8052	57.782	78.70647	0.8331	99.267	230.4914	1.4407
55.425	97	0.8223	107.66	118.4	1.8187	57.995	81.54027	0.8398	99.992	230.9805	1.4501
56.49	102.3	0.8425	107.78	113.2	1.8201	59.995	83.45994	0.8682	101.58	237.2166	1.4731
59.119	107.5	0.8776	107.89	118.4	1.8174	61.788	88.2134	0.8938	101.99	235.1379	1.4785
59.184	102.2	0.883	107.93	123.6	1.816	61.995	88.2134	0.8979	103.64	241.374	1.5028
59.258	97	0.8817	109.84	128.7	1.8485	63.541	83.45994	0.9209	103.99	240.1512	1.5082
59.435	102.2	0.8803	110	129	1.8498	63.672	78.61505	0.9222	104.89	246.5096	1.5203
59.459	107.5	0.8817	111.89	134.2	1.8768	63.76	83.45994	0.9195	105.99	247.7324	1.5379
59.998	109.2	0.8925	113.86	139.4	1.9038	63.787	88.2134	0.9195	107.99	250.1779	1.5663
62.44	114.4	0.9263	115	139.7	1.9227	63.995	91.68709	0.9263	109.94	256.5363	1.5946
63.183	109.1	0.9398	115.88	144.8	1.9349	65.573	86.93362	0.9492	109.99	253.1126	1.596
63.213	103.9	0.9411	117.74	139.6	1.9632	65.724	91.68709	0.9492	110.85	259.4709	1.6081
63.254	98.7	0.9411	117.87	144.8	1.9605	65.774	96.53197	0.9519	111.99	258.1259	1.6243
63.315	93.4	0.9398	117.9	150	1.9646	65.995	93.60676	0.9546	112.86	264.4843	1.6365
63.504	98.7	0.9398	119.9	155.1	1.9943	66.823	98.36023	0.9668	113.99	266.0739	1.6527
63.527	103.9	0.9384	120	153.7	1.9943	67.994	98.72588	0.983	115.99	270.2313	1.6824
63.554	109.1	0.9398	121.86	158.9	2.0213	69.568	93.881	1.0073	117.99	274.0219	1.7121
63.576	114.4	0.9384	123.53	164	2.0483	69.727	98.63447	1.0073	119.7	280.258	1.7364
63.608	119.6	0.9425	123.68	158.8	2.0496	69.77	103.4794	1.0073	119.99	278.5461	1.7404
64.998	120.3	0.9627	123.86	164	2.0496	69.994	104.7591	1.0127	121.54	284.9045	1.762
66.926	125.5	0.9911	125	167.1	2.0685	71.88	109.5126	1.041	121.99	283.5594	1.7688
67.186	120.3	0.9965	125.89	172.3	2.0793	71.994	108.2328	1.0424	123.53	289.7955	1.7917
67.426	125.5	0.9965	127.69	167	2.109	73.768	112.9863	1.068	123.99	288.5728	1.7985
68.882	130.7	1.0194	127.9	172.2	2.1077	73.994	112.9863	1.0707	124.88	294.9311	1.8106
69.214	125.5	1.0262	127.93	177.4	2.109	75.994	115.8201	1.1004	125.99	295.6648	1.8268
69.403	130.7	1.0262	129.78	172.2	2.1401	77.551	110.9752	1.1247	127.7	301.9009	1.8512
69.998	130	1.037	129.88	177.3	2.1347	77.739	115.7287	1.1234	127.99	302.39	1.8566
70.952	135.2	1.0491	129.91	182.5	2.1361	77.771	120.5736	1.1247	129.99	306.0583	1.8836
71.184	130	1.0545	130	183.5	2.1414	77.994	118.6539	1.1288	131.74	312.2944	1.9106
71.452	135.2	1.0559	131.87	188.7	2.1671	79.07	123.4074	1.145	131.99	313.1504	1.9146
72.848	140.4	1.0775	133.86	193.8	2.1955	79.993	124.6871	1.1571	133.96	319.3865	1.943
73.211	135.1	1.0856	135	196.5	2.213	81.723	129.3492	1.1828	133.99	318.5305	1.943
73.41	140.4	1.0856	136.09	201.7	2.2279	81.993	130.629	1.1868	135.42	324.8889	1.9646
74.997	144.9	1.1085	137.86	206.8	2.2535	83.508	125.8755	1.2098	135.99	322.3211	1.9727
76.79	150.1	1.1342	139.86	211.9	2.2819	83.601	121.0306	1.2112	136.84	328.5572	1.9835
78.798	155.3	1.1625	140	211.9	2.2846	83.76	125.8755	1.2098	137.99	331.125	2.001
79.235	150	1.172	141.85	217	2.3102	83.783	130.629	1.2085	139.99	335.1601	2.0294
79.411	155.2	1.172	143.37	222.1	2.3345	83.811	135.3824	1.2125	141.99	338.9507	2.0591
79.997	157.7	1.1814	143.65	216.9	2.3386	83.993	134.7425	1.2152	143.99	342.619	2.0888
81.459	162.9	1.2017	143.85	222.1	2.3372	85.588	129.9891	1.2409	145.32	348.8551	2.1077
83.541	168	1.2328	144.94	227.2	2.3588	85.72	134.7425	1.2395	145.99	348.366	2.1171
84.997	171.1	1.253	145	225.8	2.3588	85.761	139.496	1.2395	147.36	354.7244	2.1361
85.173	165.9	1.2584	145.86	231	2.3696	85.993	138.8561	1.2436	147.99	354.6021	2.1455
85.343	171.1	1.2584	147.82	236.1	2.3993	87.164	143.6096	1.2625	149.99	358.7595	2.1752
86.481	176.3	1.2773	149.45	241.2	2.4223	87.486	138.8561	1.2665	151.38	364.9956	2.1955
87.171	171.1	1.2881	149.61	236	2.425	87.565	134.1027	1.2679	151.99	362.4278	2.2049
87.224	165.9	1.2881	149.85	241.2	2.4263	87.734	138.8561	1.2679	153.37	368.6639	2.2225
87.455	171.1	1.2868	150	241.8	2.4304	87.765	143.6096	1.2679	153.99	367.808	2.2333

UCS Test Results, Stage Two

S1-1	7 days		S1-2	7 days		S2-1	7 days		S2-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
87.492	176.3	1.2881	151.11	247	2.4466	87.993	144.8894	1.2733	155.35	374.0441	2.2522
88.11	181.5	1.2989	151.66	241.8	2.4561	89.345	149.6428	1.2935	155.99	373.555	2.2616
89.997	178.3	1.3259	151.83	246.9	2.4561	89.502	144.798	1.2976	157.99	376.8565	2.29
90.372	183.5	1.3327	152.94	252.1	2.4736	89.626	140.0445	1.2976	159.15	383.0926	2.3062
91.469	188.7	1.3475	153.65	246.9	2.4844	89.712	144.798	1.2962	159.99	382.2366	2.321
92.863	193.9	1.3678	153.85	252	2.4831	89.763	149.6428	1.3003	161.99	387.1277	2.3494
93.182	188.7	1.3759	153.88	257.2	2.4858	89.993	149.2772	1.303	163.99	391.6519	2.3791
93.246	183.5	1.3745	155	258.2	2.5033	91.341	154.0307	1.3219	165.99	396.1762	2.4074
93.429	188.7	1.3732	155.67	253	2.5168	91.523	149.2772	1.3246	167.33	402.4123	2.4263
93.465	193.9	1.3732	155.89	258.1	2.5114	91.649	154.0307	1.3273	167.99	400.7004	2.4358
94.532	199.1	1.3921	155.91	263.3	2.5141	91.992	153.665	1.3313	168.8	406.9365	2.4466
94.997	199.8	1.3988	157.86	268.4	2.5425	92.663	158.4185	1.3421	169.99	406.9365	2.4655
96.479	204.9	1.4204	159.31	273.5	2.5654	93.477	153.665	1.3543	171.92	413.0503	2.4925
97.231	199.7	1.4312	159.99	275.2	2.5749	93.519	148.9115	1.357	171.99	412.1944	2.4939
97.399	204.9	1.4312	161.82	280.2	2.6019	93.56	144.1581	1.357	173.99	417.2077	2.5222
98.465	210.1	1.4501	163.08	285.3	2.6208	93.612	139.3132	1.3583	175.99	419.531	2.5519
99.228	204.8	1.4609	163.65	280.1	2.6302	93.802	144.1581	1.3543	176.82	425.8894	2.5627
99.395	210.1	1.4623	163.82	285.3	2.6302	93.829	148.9115	1.3556	177.99	426.9899	2.5803
99.997	213.9	1.4717	164.27	290.4	2.637	93.849	153.665	1.3556	179.99	431.8809	2.61
101.41	219	1.4906	164.99	288	2.6464	93.871	158.4185	1.3543	181.99	435.5492	2.6383
103.04	224.2	1.5149	165.64	282.8	2.6586	93.992	160.6124	1.361	183.99	439.7066	2.668
103.18	219	1.5177	165.87	288	2.6572	95.697	165.3659	1.3826	185.98	443.7418	2.6964
103.38	224.2	1.5217	165.89	293.1	2.6586	95.992	165.0916	1.3894	187.87	449.8556	2.7234
104.67	229.3	1.5393	167.85	298.2	2.6883	96.821	169.8451	1.4015	187.98	448.9997	2.7261
105	227.9	1.5433	169.81	303.2	2.7193	97.492	165.0002	1.4137	189.98	453.1571	2.7545
105.48	233.1	1.5487	169.99	303.2	2.722	97.584	160.2467	1.4123	191.76	459.2709	2.7801
107.42	238.3	1.5771	171.11	308.3	2.7355	97.712	165.0002	1.4137	191.98	457.1922	2.7842
109.03	243.4	1.6014	171.62	303.1	2.7463	97.752	169.7537	1.4123	192.85	463.4283	2.7963
109.18	238.2	1.6054	171.83	308.3	2.745	97.784	174.5071	1.415	193.98	463.306	2.8125
109.37	243.4	1.6068	172.75	313.4	2.7599	97.992	173.8672	1.4191	195.54	469.5421	2.8355
110	246.2	1.6162	173.61	308.2	2.7734	99.501	169.1138	1.442	195.98	465.6293	2.8409
111.43	251.3	1.6351	173.88	313.3	2.7734	99.72	173.8672	1.4407	196.89	471.8654	2.8544
112.66	256.5	1.6554	173.93	318.5	2.7761	99.75	178.6207	1.4447	197.98	472.7213	2.8706
113.18	251.2	1.6635	174.99	318.8	2.7923	99.992	177.9808	1.4474	199.35	478.8351	2.8908
113.42	256.5	1.6621	175.59	313.6	2.8044	101.1	182.7343	1.4636	199.98	476.2673	2.8989
113.5	261.6	1.6675	175.86	318.7	2.8017	101.48	177.9808	1.4704	201.39	482.5034	2.9192
115	262.3	1.6891	175.88	323.9	2.8058	101.61	173.1359	1.4717	201.98	480.3025	2.9286
115.22	257.1	1.6932	177.83	328.9	2.8328	101.74	177.9808	1.469	203.03	486.5386	2.9435
115.4	262.3	1.6918	179.84	334	2.8625	101.76	182.7343	1.4717	203.98	486.9054	2.957
115.44	267.5	1.6945	179.99	335.7	2.8638	101.99	184.5626	1.4771	205.98	487.6391	2.9867
117.45	272.6	1.7229	181.64	330.4	2.8908	103.29	189.316	1.496	206.94	493.7529	3.0002
119.17	267.3	1.7526	181.85	335.6	2.8881	103.47	184.5626	1.4987	207.98	495.3425	3.0164
119.41	272.5	1.7485	181.87	340.7	2.8908	103.73	189.316	1.5001	209.98	499.8667	3.0461
119.43	277.7	1.7512	183.25	345.8	2.9138	103.99	191.2357	1.5055	211.98	504.7578	3.0731
120	277.3	1.7607	183.6	340.6	2.9205	105.54	186.3908	1.5312	213.98	508.6706	3.1028
120.57	282.5	1.7688	183.83	345.8	2.9165	105.73	191.1443	1.5271	215.98	511.1162	3.1312
121.22	277.3	1.7796	184.99	350.5	2.9381	105.76	195.8977	1.5298	216.55	504.7578	3.1379
121.44	282.5	1.7782	185.6	345.3	2.9475	105.99	196.5376	1.5352	216.73	510.9939	3.1406
121.64	287.7	1.785	185.7	340.2	2.9502	107.2	201.2911	1.5514	217.98	512.5835	3.1609
123.22	282.4	1.8093	185.86	345.3	2.9475	107.51	196.5376	1.5582	219.98	511.6053	3.1892
123.37	287.6	1.8093	185.88	350.4	2.9475	107.57	191.7842	1.5582	220.78	517.8414	3.2014
123.43	292.8	1.8106	185.9	355.6	2.9489	107.7	196.5376	1.5568	221.98	517.3523	3.2189
125	296.2	1.8336	187.63	350.3	2.9745	107.74	201.2911	1.5568	223.98	519.1864	3.2473
125.17	291	1.8363	187.8	355.5	2.9786	107.99	202.5709	1.5636	224.92	525.4225	3.2608
125.42	296.2	1.839	188.79	360.5	2.9921	108.94	207.2329	1.5784	225.98	523.2216	3.277

UCS Test Results, Stage Two

S1-1	7 days		S1-2	7 days		S2-1	7 days		S2-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
126.93	301.3	1.862	189.63	355.4	3.0056	109.5	202.4795	1.5865	227.06	529.4577	3.2918
127.14	296.1	1.866	189.83	360.5	3.0056	109.73	207.2329	1.5865	227.98	526.8899	3.3053
127.39	301.3	1.8687	189.89	365.6	3.0083	109.99	207.5986	1.5919	229.98	529.5799	3.335
128.48	306.4	1.8836	189.99	364.6	3.011	110.37	212.2606	1.6	231.98	532.7591	3.3647
129.18	301.2	1.8944	191.89	369.6	3.038	111.75	217.0141	1.6176	233.55	538.873	3.385
129.38	306.4	1.8957	193.64	364.4	3.0596	111.99	215.4601	1.6216	233.98	537.1611	3.3931
129.92	311.5	1.9052	193.82	369.5	3.0637	112.77	220.1222	1.6324	235.98	539.9734	3.4201
130	310.5	1.9065	193.84	374.6	3.0664	113.99	222.956	1.6513	237.98	542.6635	3.4512
131.18	305.2	1.9254	194.99	375.9	3.0826	115.32	227.7094	1.6702	239.98	545.8427	3.4795
131.41	310.4	1.9227	195.66	370.8	3.092	115.48	222.8645	1.6743	241.98	549.511	3.5079
131.43	315.6	1.9241	195.83	375.9	3.0907	115.74	227.7094	1.6743	243.98	547.6769	3.5376
133.23	310.3	1.9511	195.85	381	3.0947	115.99	228.6235	1.6783	244.96	553.7907	3.5511
133.41	315.5	1.9524	197.68	375.8	3.1204	116.92	233.2856	1.6945	245.98	550.8561	3.5659
133.43	320.7	1.9551	197.84	380.9	3.1217	117.49	228.5321	1.7026	246.54	544.4977	3.5754
134.55	325.8	1.9713	197.87	386	3.1231	117.53	223.7787	1.7026	246.73	550.7338	3.5754
135	324.4	1.9781	199.61	380.8	3.1501	117.63	219.0252	1.704	247.98	553.5461	3.5943
135.19	319.2	1.9821	199.81	385.9	3.1514	117.71	223.7787	1.7026	248.5	547.31	3.6037
135.4	324.4	1.9821	199.86	391	3.1514	117.74	228.5321	1.7013	248.76	553.5461	3.6051
135.41	329.6	1.9821	199.99	391	3.1555	117.76	233.2856	1.7026	249.98	554.1575	3.624
137.2	324.3	2.0118	201.6	385.8	3.1811	117.79	238.0391	1.7053	251.98	555.7471	3.6537
137.4	329.5	2.0091	201.67	380.7	3.1798	117.99	235.4795	1.7094	252.54	549.3887	3.6618
137.42	334.7	2.0132	201.86	385.8	3.1784	119.11	240.233	1.7242	252.71	555.6249	3.6631
138.9	339.8	2.0348	201.88	390.9	3.1784	119.46	235.4795	1.7323	253.98	558.0704	3.6821
139.16	334.6	2.0402	201.9	396	3.1825	119.52	230.726	1.7323	255.98	559.5377	3.7104
139.4	339.8	2.0402	203.62	390.8	3.2095	119.57	225.9726	1.7323	257.98	562.7169	3.7401
140	344.2	2.0523	203.79	395.9	3.2081	119.74	230.726	1.731	258.51	556.3585	3.7482
141.09	349.4	2.0672	204.99	397.2	3.227	119.76	235.4795	1.731	258.73	562.5946	3.7496
141.15	344.2	2.0685	205.65	392	3.2378	119.78	240.233	1.731	259.98	564.1842	3.7698
141.21	339	2.0712	205.82	397.2	3.2365	119.87	244.9864	1.7364	261.98	563.5728	3.7982
141.42	344.2	2.0672	205.85	402.3	3.2405	119.99	244.3466	1.7377	263.98	565.5293	3.8265
141.44	349.3	2.0685	207.62	397.1	3.2635	121.33	249.0086	1.7566	265.98	564.0619	3.8562
143.16	344.1	2.0969	207.77	402.2	3.2648	121.47	244.2551	1.7607	267.98	563.9397	3.8859
143.39	349.2	2.0969	207.83	407.3	3.2702	121.72	249.0086	1.762	269.98	566.6297	3.9143
143.41	354.4	2.0982	209.6	402	3.2959	121.99	250.9283	1.7661	271.98	565.2847	3.9426
145	358.1	2.1239	209.74	407.2	3.2945	123.12	255.5903	1.7823	273.98	567.1189	3.9724
145.17	352.9	2.1252	209.79	412.3	3.2959	123.47	250.8369	1.7904	275.98	566.9966	4.0007
145.36	358.1	2.1293	209.99	412.9	3.3026	123.71	255.5903	1.7917	277.98	570.0535	4.0304
146.25	363.2	2.1415	211.57	407.7	3.3242	123.99	256.8701	1.7958	279.98	570.298	4.0588
147.17	358	2.1563	211.78	412.8	3.3229	124.89	261.5322	1.808	281.98	570.1758	4.0871
147.25	352.8	2.155	211.81	417.9	3.3256	125.49	256.7787	1.8188	282.61	563.9397	4.0966
147.37	358	2.1536	212.52	423	3.3364	125.69	261.5322	1.8201	282.78	570.0535	4.0979
147.41	363.2	2.155	212.63	428.1	3.3364	125.99	265.2801	1.8255	283.98	571.2763	4.1168
147.43	368.3	2.159	212.68	433.2	3.3553	127.67	270.0336	1.8498	285.98	573.5995	4.1452
149.18	363.1	2.1847	212.72	438.3	3.3661	127.99	270.9477	1.8539	287.98	574.2109	4.1749
149.4	368.3	2.1833	212.79	443.5	3.3958	128.73	275.6098	1.8647	289.98	572.3767	4.2032
149.42	373.4	2.186	212.87	448.6	3.3945	129.46	270.8563	1.8782	290.5	566.1406	4.214
150	373.4	2.1955	213.03	453.7	3.3958	129.51	266.1028	1.8755	290.76	572.2545	4.2154
150.84	378.5	2.2076	213.13	458.8	3.4269	129.73	270.8563	1.8755	291.98	570.5426	4.2343
151.12	373.3	2.213	213.19	463.9	3.4215	129.75	275.6098	1.8768	293.98	571.6431	4.2626
151.22	368.1	2.2157	213.25	469	3.4229	129.78	280.3632	1.8782	295.98	574.7	4.291
151.38	373.3	2.2117	213.31	474.1	3.4282	129.99	281.2774	1.8822	296.56	568.4639	4.2991
151.39	378.5	2.2157	213.36	479.3	3.4539	131.53	276.4325	1.9065	296.73	574.7	4.3005
153.2	373.2	2.2441	213.42	484.4	3.4823	131.74	281.1859	1.9038	297.98	573.7218	4.3194
153.41	378.4	2.2414	213.52	489.5	3.4998	131.75	285.9394	1.9065	298.48	567.4857	4.3275
153.42	383.5	2.2454	213.57	494.6	3.5147	131.99	288.499	1.9119	298.71	573.7218	4.3302

UCS Test Results, Stage Two

S1-1	7 days		S1-2	7 days		S2-1	7 days		S2-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
154.61	388.6	2.2616	213.65	499.7	3.5403	133.73	293.161	1.9349	299.98	571.8876	4.3491
154.86	383.5	2.2657	213.72	504.8	3.5687	133.99	293.161	1.9403	301.98	568.8307	4.3774
154.93	388.6	2.267	213.83	509.9	3.5714	134.88	297.8231	1.9524	302.34	562.5946	4.3828
155	388.6	2.2684	213.87	515.1	3.597	135.49	293.0696	1.9632	303.98	565.7738	4.4058
155.16	383.4	2.2724	213.95	520.2	3.6213	135.71	297.8231	1.9632	305.97	566.8743	4.4355
155.35	388.6	2.2751	213.99	525.3	3.6254	135.75	302.5765	1.9659	307.97	568.3416	4.4652
156.36	393.7	2.2873	214.03	530.4	3.624	135.99	301.9367	1.9686	309.97	566.5075	4.4935
157.15	388.5	2.2994	214.05	525.3	3.6456	137.24	306.5987	1.9875	311.97	565.5293	4.5246
157.35	393.7	2.2994	214.07	530.4	3.6456	137.5	301.8452	1.9916	312.53	559.2931	4.53
157.51	398.8	2.3035	214.1	535.5	3.6564	137.72	306.5987	1.9943	312.69	565.5293	4.5313
159.37	403.9	2.3332	214.13	540.6	3.6861	137.99	308.7926	1.9983	313.97	567.8525	4.5516
159.99	403.1	2.3399	214.16	545.7	3.7091	139.32	313.4547	2.0172	314.48	561.6164	4.5597
160.38	408.3	2.3467	214.22	550.9	3.7118	139.48	308.7012	2.0199	314.72	567.7302	4.561
161.16	403.1	2.3602	214.25	556	3.7131	139.72	313.4547	2.0226	315.97	566.8743	4.5813
161.4	408.2	2.3575	214.31	561.1	3.7172	139.99	316.5627	2.028	317.97	566.2629	4.6083
161.42	413.4	2.3602	214.49	566.2	3.7334	141.4	321.2248	2.0483	319.97	563.206	4.6394
163.19	408.1	2.3872	214.56	571.3	3.7429	141.45	316.4713	2.0496	321.97	562.2278	4.6677
163.34	413.3	2.3858	214.65	576.4	3.7429	141.72	321.2248	2.0523	322.53	555.9917	4.6745
163.37	418.4	2.3912	214.69	581.5	3.7604	141.99	322.1389	2.055	322.7	562.1055	4.6758
164.99	421.1	2.4142	214.7	576.4	3.7712	142.07	317.3854	2.0591	323.97	560.3936	4.6947
165.15	415.9	2.4182	214.82	581.5	3.7699	143.15	322.1389	2.0739	325.97	558.5595	4.7244
165.37	421.1	2.4182	214.86	576.4	3.7726	143.45	317.3854	2.0793	327.97	558.4372	4.7555
165.53	426.2	2.4209	214.95	581.6	3.7901	143.68	322.0475	2.0793	329.97	555.3803	4.7825
166.12	421	2.429	214.99	581.9	3.8036	143.99	325.2469	2.0861	331.97	554.7689	4.8122
166.35	426.2	2.4304	215.05	576.8	3.7982	145.01	329.909	2.0996	332.49	548.5328	4.8203
167.2	420.9	2.4466	215.16	581.9	3.8009	145.49	325.1555	2.109	332.71	554.6466	4.8243
167.39	426.1	2.4439	215.34	576.8	3.8293	145.69	329.909	2.109	333.97	553.7907	4.8405
167.43	431.3	2.4466	215.45	571.7	3.8522	145.75	334.571	2.1104	335.97	553.5461	4.8716
169.42	436.3	2.4763	215.45	566.5	3.8617	145.99	333.6569	2.1145	337.97	551.8343	4.9
169.99	436.3	2.4844	215.54	561.4	3.8887	147.14	338.319	2.1307	338.45	545.5982	4.9054
171.04	441.4	2.4993	215.55	556.3	3.9076	147.49	333.5655	2.1361	338.73	551.712	4.9094
171.12	436.2	2.5047	215.62	551.2	3.917	147.68	338.319	2.1361	339.97	547.9214	4.927
171.16	431	2.5033	215.65	546.1	3.917	147.78	342.981	2.1401	341.97	544.8645	4.958
171.23	425.9	2.5047	215.67	541	3.9238	147.99	341.427	2.1428	343.97	542.2967	4.9864
171.31	420.7	2.5047	215.72	535.9	3.9332	148.55	346.1805	2.1509	345.97	542.5413	5.0147
171.4	425.9	2.5033	215.75	530.7	3.9454	149.51	341.3356	2.1685	347.97	540.7071	5.0444
171.43	431	2.5006	215.78	525.6	3.944	149.7	346.0891	2.1671	348.47	534.5933	5.0498
171.45	436.2	2.502	215.79	520.5	3.9454	149.76	350.8425	2.1685	348.67	540.7071	5.0539
171.46	441.3	2.5047	215.8	515.4	3.9751	149.99	350.4769	2.1712	349.97	540.5848	5.0728
172.74	446.4	2.5249	215.83	510.3	4.0061	150.99	355.1389	2.186	350.44	534.3487	5.0809
172.85	441.2	2.5276	215.86	505.2	4.0088	151.49	350.3855	2.1955	350.85	540.4626	5.0849
173.03	436.1	2.529	215.89	500.1	4.0223	151.68	355.1389	2.1968	351.97	538.3839	5.1025
173.5	441.2	2.5357	215.9	494.9	4.0331	151.99	357.9727	2.2022	353.97	535.6938	5.1322
174.57	446.3	2.5519	215.95	489.8	4.0318	153.1	362.6348	2.2184	355.97	532.27	5.1605
174.99	448	2.5587	215.98	484.7	4.0467	153.45	357.8813	2.2225	357.97	530.4359	5.1889
175.12	442.8	2.5627	215.99	479.6	4.0602	153.68	362.5434	2.2252	358.52	524.322	5.1957
175.23	437.6	2.5614	216	474.5	4.0602	153.99	366.0171	2.2306	358.74	530.4359	5.1997
175.38	442.8	2.56	216.01	469.4	4.0629	155.29	370.6791	2.2508	359.97	529.0908	5.2186
175.4	447.9	2.5614	216.02	464.3	4.0791	155.39	365.9257	2.2508	361.97	527.7458	5.2483
176.87	453	2.5843	216.03	459.1	4.0912	155.5	361.2636	2.2522	363.41	521.5097	5.2699
177.13	447.8	2.5884	216.04	454	4.0885	155.68	365.9257	2.2522	363.97	523.0993	5.2753
177.25	442.7	2.5911	216.04	448.9	4.0926	155.71	370.6791	2.2535	364.44	516.8632	5.2834
177.37	447.8	2.5897	216.05	443.8	4.1196	155.99	372.873	2.2589	364.71	523.3438	5.2875
177.39	453	2.5911	216.06	438.7	4.1493	157.17	377.5351	2.2765	365.97	526.1562	5.3037
178.34	458	2.6059	216.07	433.6	4.1506	157.46	372.7816	2.2819	366.14	532.27	5.305

UCS Test Results, Stage Two

S1-1	7 days		S1-2	7 days		S2-1	7 days		S2-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
179.42	463.1	2.6221	216.09	428.5	4.1776	157.53	368.0281	2.2819	366.23	538.3839	5.305
179.99	465.5	2.6329	216.13	423.3	4.1749	157.7	372.7816	2.2805	366.34	544.4977	5.305
180.14	460.3	2.6316	216.18	418.2	4.1776	157.72	377.5351	2.2819	367.41	538.3839	5.305
180.22	465.5	2.6329	216.28	413.1	4.2006	157.99	380.6431	2.2873	367.75	532.27	5.305
180.36	460.3	2.6356	216.51	408	4.2073	159.52	375.7982	2.3116	367.9	526.1562	5.305
180.57	465.4	2.6383	216.95	402.9	4.2033	159.68	380.5517	2.3116	367.97	522.4879	5.305
181.13	460.2	2.6491	218.96	397.8	4.2249	159.71	385.3052	2.3102	368.01	516.3741	5.305
181.36	465.4	2.6491	219.99	398.1	4.2343	159.81	389.9672	2.3143	368.02	509.7711	5.305
181.41	470.5	2.6505	221.44	393	4.237	159.91	385.2138	2.317	368.02	503.6573	5.305
183.16	465.3	2.6761	224.99	391.3	4.2343	159.99	384.9395	2.317	368.02	497.5435	5.305
183.33	470.4	2.6775	229.99	392	4.2343	160.4	389.6016	2.3224	368.07	491.4296	5.305
183.49	475.5	2.6815	234.99	392	4.2357	161.45	384.8481	2.3399	368.2	485.3158	5.305
184.99	475.1	2.7031	239.99	391.3	4.2613	161.51	380.0946	2.3413	368.29	479.202	5.305
185.15	469.9	2.7072	244.99	390.9	4.2654	161.59	375.3412	2.3413	368.47	473.0881	5.305
185.36	475.1	2.7085	249.99	391.3	4.2789	161.69	380.0946	2.3413	368.54	466.9743	5.305
186.36	480.1	2.722	254.99	390.6	4.2924	161.73	384.8481	2.3386	368.59	460.8605	5.305
187.19	474.9	2.7369	259.99	390.3	4.2924	161.75	389.5102	2.3399	368.66	454.7467	5.305
187.31	480.1	2.7369	264.99	390.3	4.2951	161.76	394.2636	2.3426	368.68	448.5106	5.305
187.42	485.2	2.7383	269.99	389.9	4.2978	161.99	393.6237	2.3453	368.82	442.3967	5.305
188.83	490.3	2.7585	274.99	389.9	4.3248	162.85	398.2858	2.3588	368.86	436.2829	5.305
189.12	485.1	2.7639	279.99	389.6	4.3464	163.49	393.5323	2.3683	368.91	430.1691	5.305
189.18	479.9	2.7653	284.99	389.6	4.3505	163.68	398.2858	2.3683	369.03	424.0552	5.305
189.38	485.1	2.7626	289.99	389.6	4.3532	163.71	402.9479	2.371	369.09	417.9414	5.305
189.39	490.2	2.7639	294.99	389.2	4.3694	163.99	403.862	2.375	369.14	411.8276	5.305
189.99	492.2	2.7761	299.99	389.2	4.3788	165.51	399.1085	2.398	369.18	405.7137	5.305
191.15	487	2.7936	304.99	389.2	4.3775	165.67	403.7706	2.398	369.22	399.5999	5.305
191.36	492.1	2.7923	309.99	388.9	4.3815	165.7	408.524	2.398	369.29	393.3638	5.305
191.44	497.3	2.7963	314.99	388.9	4.4072	165.99	408.524	2.4034	369.33	387.25	5.305
193.14	492	2.822	319.99	388.9	4.4085	166.19	413.1861	2.4074	369.37	381.1361	5.305
193.2	486.9	2.8206	324.99	388.9	4.4099	167.99	416.2027	2.4345	369.43	375.0223	5.305
193.3	492	2.822	329.99	389.2	4.4369	168.99	420.8648	2.4466	369.51	368.9085	5.305
193.33	497.1	2.8206	334.99	388.9	4.4382	169.46	416.1113	2.4547	369.62	362.7947	5.305
193.35	502.3	2.8233	339.99	388.9	4.4382	169.51	411.4493	2.4574	369.67	356.6808	5.305
193.62	497.1	2.8287	344.99	389.2	4.4423	169.63	406.6958	2.4588	369.71	350.567	5.305
194.31	491.9	2.8355	349.99	388.9	4.4679	169.71	411.4493	2.4561	369.79	344.4532	5.305
194.79	497	2.8436	354.99	388.9	4.4666	169.73	416.1113	2.4547	369.85	338.3393	5.305
194.99	496.3	2.8476	359.99	388.9	4.4652	169.75	420.8648	2.4547	369.89	332.1032	5.305
195.1	491.2	2.8517	364.99	388.9	4.4652	169.78	425.5268	2.4601	369.93	325.9894	5.305
195.17	486	2.8503	369.99	388.5	4.4693	169.99	424.6127	2.4615	369.96	319.8756	5.305
195.34	491.2	2.849	374.99	388.9	4.4963	171.22	429.2748	2.4804	369.97	317.43	5.305
195.39	496.3	2.8517	379.99	388.5	4.4949	171.45	424.5213	2.4844	369.99	311.3162	5.305
195.53	501.4	2.8557	384.99	388.5	4.5138	171.68	429.1833	2.4871	370.01	305.2024	5.305
197.12	496.1	2.88	389.99	388.5	4.5246	171.99	432.9313	2.4912	370.04	299.0886	5.305
197.19	491	2.88	394.99	388.5	4.5233	173.38	437.5933	2.5101	370.06	292.9747	5.305
197.39	496.2	2.8787	399.99	388.5	4.5273	173.45	432.8399	2.5155	370.13	286.8609	5.305
197.41	501.3	2.88	404.99	388.9	4.5503	173.49	428.1778	2.5128	370.16	280.7471	5.305
199.11	496	2.9084	409.99	388.9	4.5516	173.54	423.4243	2.5168	370.24	274.6332	5.305
199.34	501.1	2.907	414.99	389.2	4.557	173.71	428.1778	2.5128	370.3	268.3971	5.305
199.99	504.8	2.9205	419.99	388.5	4.5827	173.74	432.8399	2.5114	370.34	262.2833	5.305
200.13	499.7	2.9219	424.99	388.9	4.5813	173.76	437.5933	2.5141	370.4	256.1695	5.305
200.25	504.8	2.9232	429.99	388.9	4.5827	173.99	439.7872	2.5195	370.45	250.0556	5.305
201.13	499.6	2.9381	434.99	388.9	4.5894	175.1	444.3579	2.5357	370.5	243.9418	5.305
201.23	494.5	2.9394	439.99	388.9	4.611	175.4	439.6958	2.5425	370.57	237.828	5.305
201.35	499.6	2.9354	444.98	388.5	4.6097	175.53	434.9424	2.5425	370.64	231.7141	5.305
201.37	504.8	2.9381	449.98	388.9	4.6124	175.62	439.6044	2.5438	370.66	225.6003	5.305

UCS Test Results, Stage Two

S1-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.21	509.8	2.9529
203.11	504.6	2.9651
203.16	499.5	2.9691
203.23	494.3	2.9664
203.38	499.5	2.9651
203.4	504.6	2.9664
203.42	509.7	2.9664
203.45	514.9	2.9705
204.99	514	2.9934
205.12	508.9	2.9961
205.2	503.8	2.9961
205.38	508.9	2.9948
205.39	514	2.9961
206.14	519.1	3.0083
206.24	513.9	3.0123
206.63	519.1	3.0164
207.1	513.9	3.0245
207.35	519	3.0272
209.15	513.7	3.0556
209.34	518.9	3.0556
209.99	519.8	3.0637
211.09	514.6	3.0839
211.14	509.5	3.0839
211.37	514.6	3.0812
211.38	519.7	3.0826
213.15	514.4	3.1123
213.23	509.3	3.1109
213.37	514.4	3.1109
213.4	519.6	3.1109
213.41	524.7	3.1136
214.99	527.3	3.1379
215.13	522.1	3.1406
215.34	527.3	3.1406
215.8	532.4	3.1487
216.19	527.2	3.1555
217.13	522	3.1703
217.34	527.1	3.169
217.37	532.2	3.1703
219.99	530.7	3.2081
221.09	525.4	3.2257
221.34	530.5	3.2311
222.16	525.4	3.2419
223.34	530.4	3.2608
223.62	525.2	3.2635
223.84	530.4	3.2648
224.99	530.6	3.2837
225.07	525.5	3.2851
225.16	520.4	3.2837
225.3	525.5	3.2851
225.33	530.6	3.2864
227.12	525.3	3.3148
227.29	520.2	3.3161
227.37	525.3	3.3134
227.38	530.4	3.3134
227.41	535.5	3.3175

S1-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
454.98	388.5	4.6232
459.98	388.9	4.6232
464.98	388.9	4.6232
469.98	388.9	4.6232
474.98	388.9	4.6232
479.98	388.5	4.6232
484.98	388.5	4.6232
489.98	388.9	4.6232
494.98	388.5	4.6232
499.98	388.2	4.6232
504.98	388.5	4.6232
509.98	388.8	4.6232
514.98	388.5	4.6232
519.98	388.8	4.6232
524.98	388.5	4.6232
529.98	388.8	4.6232
534.98	388.8	4.6232
539.98	388.8	4.6232
544.98	388.5	4.6232
549.98	388.5	4.6232
554.98	388.8	4.6232
559.98	388.8	4.6232
564.98	388.5	4.6232
569.98	388.8	4.6232
574.98	388.8	4.6232
579.98	388.8	4.6232
584.98	388.8	4.6232
589.98	389.2	4.6232
594.9	385.1	4.6232

S2-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
175.68	444.3579	2.5438
175.99	446.826	2.5492
177.48	442.0726	2.5722
177.68	446.7346	2.5708
177.71	451.4881	2.5735
177.99	452.0366	2.5789
178.84	456.6986	2.5897
179.72	461.3607	2.6046
179.99	458.8011	2.6073
180.39	463.5546	2.6127
181.47	458.7097	2.6275
181.64	463.4632	2.6316
181.77	468.1252	2.6316
181.99	468.3995	2.6356
183.34	473.0615	2.6545
183.44	468.3081	2.6572
183.66	473.0615	2.6586
183.99	473.61	2.664
184.64	478.2721	2.6748
185.52	473.5186	2.6883
185.63	478.1806	2.6883
185.71	482.9341	2.6896
185.98	481.2887	2.6937
187.19	485.9507	2.7113
187.43	481.1973	2.7166
187.5	476.5352	2.7193
187.69	481.1973	2.7153
187.71	485.9507	2.7166
187.74	490.6128	2.718
187.98	490.2471	2.7234
189.39	494.8178	2.7477
189.42	490.1557	2.745
189.46	485.4937	2.7464
189.51	480.7402	2.7464
189.57	476.0781	2.7464
189.73	480.7402	2.745
189.75	485.4937	2.745
189.77	490.1557	2.745
189.79	494.8178	2.7491
189.98	496.7374	2.7518
191.33	501.3081	2.7707
191.45	496.646	2.7734
191.66	501.3081	2.7774
191.75	505.9701	2.7774
191.84	501.3081	2.7801
191.98	502.8621	2.7801
192.8	507.5242	2.7923
193.46	502.6793	2.8044
193.66	507.4328	2.8031
193.74	512.0948	2.8058
193.98	509.6267	2.8098
195.32	514.1973	2.8287
195.44	509.4438	2.8328
195.67	514.1059	2.8368
195.98	515.1114	2.8382

S2-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
370.74	219.4865	5.305
370.77	213.3727	5.305
370.85	207.1366	5.305
370.87	201.0227	5.305
370.88	194.9089	5.305
370.93	188.7951	5.305
371.04	182.6812	5.305
371.22	176.5674	5.305
371.57	170.4536	5.305
371.97	168.008	5.305
373.97	163.117	5.305
375.97	159.8155	5.305
377.97	158.2259	5.305
379.97	157.7368	5.305
381.97	157.0031	5.305
382.14	157.0031	5.305
534.98	475.4114	3.3364
539.98	475.4114	3.3364
544.98	475.0446	3.3364
549.98	475.0446	3.3364
554.98	475.4114	3.3364
559.98	475.4114	3.3364
564.98	475.0446	3.3364
569.98	475.4114	3.3364
574.98	475.4114	3.3364
579.98	475.4114	3.3364
584.98	475.4114	3.3364
589.98	475.9005	3.3364
594.9	470.8872	3.3364

UCS Test Results, Stage Two

S1-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
228.1	530.3	3.3296
228.32	535.5	3.3296
228.75	530.3	3.3377
228.88	535.4	3.3377
229.12	530.2	3.3458
229.33	535.4	3.3445
229.99	536	3.3553
231.08	530.8	3.3702
231.38	535.9	3.3742
232.53	530.7	3.3918
233.41	535.7	3.4039
234.99	534.6	3.4269
235.11	529.4	3.4296
235.33	534.5	3.4323
235.55	539.6	3.4363
235.69	534.5	3.439
237.41	539.8	3.462
239.09	534.5	3.493
239.12	529.4	3.4917
239.16	524.3	3.493
239.19	519.3	3.4876
239.35	524.4	3.489
239.37	529.5	3.4863
239.37	534.6	3.4876
239.38	539.7	3.489
239.39	544.8	3.493
239.44	539.7	3.493
239.49	534.6	3.4917
239.66	539.7	3.493
239.99	540.6	3.4998
241.12	535.4	3.5173
241.33	540.5	3.5173
241.4	545.6	3.52
241.58	540.5	3.5241
241.73	545.6	3.5241
241.85	540.5	3.5268
241.92	545.6	3.5281
242.33	540.4	3.5335
242.67	545.5	3.5376
242.8	540.4	3.5403
242.94	545.5	3.543
243.05	540.4	3.5484
243.12	535.3	3.5443
243.28	540.4	3.5457
243.37	545.5	3.547
244.99	546	3.5686
245.11	540.9	3.5727
245.18	535.8	3.5767
245.37	540.9	3.5727
245.39	546	3.5767
245.48	551.1	3.5781
245.58	546	3.5808
245.68	551.1	3.5821
247.09	545.8	3.6051
247.35	550.9	3.6064

S1-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
196.88	519.6821	2.8517
197.76	524.3441	2.8625
197.98	523.3386	2.8679
199.09	528.0006	2.8841
199.25	523.2472	2.8854
199.67	527.9092	2.8922
199.98	528.8234	2.8962
201.23	533.4854	2.9151
201.42	528.7319	2.9192
201.49	524.0699	2.9192
201.67	528.7319	2.9192
201.69	533.394	2.9205
201.98	535.3137	2.9246
203.67	540.1586	2.9502
203.98	541.3469	2.9556
205.37	536.5935	2.9745
205.98	539.3358	2.984
207.32	543.9065	3.0029
207.44	539.2444	3.0056
207.66	543.9065	3.0096
207.98	547.0145	3.0124
209.14	551.5852	3.0299
209.42	546.8317	3.034
209.65	551.4937	3.0366
209.98	554.0533	3.0421
211.11	558.624	3.0583
211.3	553.8705	3.061
211.65	558.5325	3.065
211.98	559.4467	3.0704
213.76	564.2915	3.0961
213.98	565.2057	3.1001
215.69	570.0506	3.1244
215.83	565.3885	3.1258
215.98	569.1364	3.1285
217.29	573.7071	3.1474
217.38	568.9536	3.1514
217.44	564.2915	3.1501
217.61	569.045	3.1501
217.68	573.7071	3.1528
217.98	574.6212	3.1568
219.35	579.4661	3.1771
219.42	574.804	3.1798
219.53	570.0506	3.1811
219.65	574.7126	3.1811
219.72	579.4661	3.1825
219.98	579.1004	3.1865
221.81	583.9453	3.2122
221.98	583.3054	3.2149
223.47	578.4605	3.2378
223.61	583.1226	3.2365
223.68	587.7847	3.2419
223.98	586.8705	3.2459
224.43	591.5326	3.25
225.42	586.7791	3.2648
225.65	591.4412	3.2675

S2-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S1-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
248.75	556.2	3.6267
248.82	551.1	3.6294
248.95	556.2	3.6307
249.05	551.1	3.6307
249.35	556.2	3.6348
249.99	556.1	3.6456
251.04	550.9	3.6605
251.32	556	3.6632
252.39	550.8	3.6794
252.43	555.9	3.6794
252.84	550.8	3.6861
252.99	555.9	3.6888
253.1	550.8	3.6929
253.15	545.7	3.6902
253.33	550.8	3.6888
253.35	555.9	3.6915
254.26	550.7	3.7064
254.45	555.8	3.7077
254.99	554.7	3.7172
255.07	549.6	3.7199
255.29	554.7	3.7199
255.73	559.7	3.7266
255.83	564.8	3.728
255.89	569.9	3.728
255.93	575	3.728
255.97	580.1	3.728
256.01	585.2	3.728
256.11	590.3	3.728
256.22	585.2	3.728
256.51	580.1	3.728
256.76	575	3.728
256.96	569.9	3.728
257.03	564.8	3.728
257.07	559.7	3.728
257.42	554.6	3.728
257.5	549.5	3.728
257.6	544.4	3.728
257.72	539.4	3.728
257.74	534.3	3.728
257.82	529.2	3.728
257.86	524.1	3.728
257.91	519	3.728
257.95	513.9	3.728
257.97	508.8	3.728
258.02	503.7	3.728
258.07	498.6	3.728
258.09	493.5	3.728
258.11	488.4	3.728
258.13	483.3	3.728
258.16	478.2	3.728
258.2	473.1	3.728
258.24	468	3.728
258.26	462.9	3.728
258.29	457.9	3.728
258.32	452.8	3.728

S1-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
225.87	596.0118	3.2729
225.98	596.3775	3.2743
226.21	591.624	3.277
226.66	596.286	3.2824
226.93	591.624	3.2878
227.34	596.1946	3.2932
227.43	591.5326	3.2945
227.65	596.1946	3.2972
227.98	596.4689	3.3026
229.67	601.3138	3.3256
229.9	596.6517	3.3297
229.98	594.732	3.331
230.85	589.9786	3.3445
231.45	585.3165	3.3513
231.64	589.9786	3.354
231.9	594.5492	3.3594
231.98	592.9952	3.3607
233.35	597.8401	3.3796
233.41	593.178	3.3823
233.51	588.516	3.3837
233.62	593.178	3.381
233.65	597.8401	3.3864
233.98	597.8401	3.3891
235.75	602.6849	3.4134
235.98	602.5935	3.4188
236.65	597.9315	3.4269
236.78	602.5021	3.4309
237.2	607.1642	3.4363
237.37	602.5021	3.439
237.84	607.1642	3.4444
237.98	606.1586	3.4471
239.42	601.4052	3.4687
239.63	605.9758	3.4714
239.98	606.6157	3.4768
240.53	611.2778	3.4836
240.59	615.9398	3.4877
240.62	620.6019	3.4877
240.65	625.2639	3.4877
240.69	629.926	3.489
240.72	634.588	3.4931
240.77	639.2501	3.5187
240.84	643.9121	3.5241
240.92	648.5742	3.543
241.04	653.2363	3.5525
241.27	657.8983	3.5714
241.33	653.2363	3.5741
241.36	657.8983	3.5781
241.41	662.5604	3.5809
241.47	667.2224	3.5984
241.58	671.8845	3.6025
241.68	676.5465	3.6051
241.82	681.3	3.6106
241.91	676.5465	3.6268
241.98	677.8263	3.6295
242.31	673.1643	3.6335

S2-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S1-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
258.35	447.7	3.728
258.39	442.6	3.728
258.41	437.5	3.728
258.46	432.4	3.728
258.48	427.3	3.728
258.53	422.2	3.728
258.61	417.1	3.728
258.65	412	3.728
258.66	406.9	3.728
258.67	401.8	3.728
258.69	396.7	3.728
258.73	391.6	3.728
258.77	386.5	3.728
258.83	381.4	3.728
258.88	376.4	3.728
258.96	371.3	3.728
258.99	366.2	3.728
259.02	361.1	3.728
259.02	356	3.728
259.05	350.9	3.728
259.07	345.8	3.728
259.09	340.7	3.728
259.14	335.6	3.728
259.16	330.5	3.728
259.18	325.4	3.728
259.21	320.3	3.728
259.22	315.2	3.728
259.24	310.1	3.728
259.27	305	3.728
259.29	299.9	3.728
259.31	294.9	3.728
259.35	289.8	3.728
259.42	284.7	3.728
259.63	279.6	3.728
259.99	275.8	3.728
261.99	270.7	3.728
264.99	270.4	3.728
269.99	270.1	3.728
274.99	270.1	3.728
279.99	270.1	3.728
284.99	269.7	3.728
289.99	270.1	3.728
294.99	270.4	3.728
299.99	270.1	3.728
304.99	270.1	3.728
309.99	268.7	3.728
313.31	265.7	3.728

S1-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
242.35	668.5022	3.6389
242.43	663.8401	3.6646
242.46	659.1781	3.6686
242.48	654.516	3.6929
242.53	649.854	3.6943
242.59	645.1919	3.697
242.6	640.5299	3.7159
242.66	635.7764	3.7199
242.68	631.1143	3.7186
242.72	626.178	3.7186
242.72	621.516	3.7213
242.74	616.8539	3.7253
242.78	612.1919	3.7456
242.82	607.5298	3.7483
242.87	602.8678	3.7496
242.88	598.2057	3.7496
242.91	593.4522	3.751
242.94	588.7902	3.755
242.97	584.1281	3.7807
242.99	579.4661	3.7834
243.01	574.804	3.8063
243.02	570.142	3.805
243.05	565.4799	3.8104
243.1	560.8179	3.8144
243.12	556.1558	3.8185
243.14	551.4937	3.8333
243.16	546.8317	3.836
243.18	542.1696	3.8414
243.19	537.5076	3.8428
243.21	532.8455	3.8455
243.23	528.1835	3.8509
243.24	523.43	3.8563
243.27	518.7679	3.8617
243.28	514.1059	3.863
243.3	509.4438	3.8657
243.33	504.7818	3.8711
243.36	500.1197	3.8941
243.38	495.4577	3.8982
243.4	490.7956	3.8995
243.41	486.1336	3.913
243.42	481.4715	3.9198
243.44	476.8094	3.9225
243.45	472.1474	3.9279
243.46	467.4853	3.9292
243.48	462.8233	3.9481
243.51	458.1612	3.9508
243.54	453.4078	3.9522
243.55	448.7457	3.9495
243.57	444.0836	3.9549
243.59	439.4216	3.9576
243.6	434.7595	3.9819
243.62	430.0975	3.9873
243.65	425.4354	3.9954
243.67	420.7734	3.9994
243.69	416.1113	4.0048

S2-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S1-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
243.71	411.4493	4.0075
243.72	406.7872	4.0129
243.75	402.1251	4.0156
243.76	397.4631	4.0372
243.8	392.801	4.0399
243.84	388.139	4.0453
243.86	383.3855	4.0521
243.87	378.7235	4.0562
243.88	374.0614	4.0562
243.89	369.3993	4.0562
243.9	364.7373	4.0575
243.91	360.0752	4.0616
243.92	355.4132	4.0872
243.94	350.7511	4.0926
243.96	346.0891	4.1115
243.98	341.427	4.121
243.98	341.427	4.1399
244.01	336.765	4.1426
244.07	332.1029	4.1466
244.16	327.4408	4.1494
244.31	322.7788	4.1669
244.41	318.1167	4.171
244.68	313.4547	4.1736
245.18	308.7012	4.1791
245.98	305.0447	4.1953
247.64	300.2912	4.198
247.98	300.017	4.202
249.98	297.5488	4.2074
251.98	295.6292	4.2331
253.98	294.4408	4.2371
255.98	293.161	4.2614
257.98	292.2469	4.2628
259.98	290.9671	4.2655
261.98	290.4186	4.2844
263.98	289.1389	4.2884
265.98	288.499	4.2871
267.98	288.2247	4.2871
269.98	287.8591	4.2898
271.98	287.2192	4.2938
273.98	286.9449	4.3141
275.98	286.6707	4.3168
277.98	286.3051	4.3181
279.98	286.0308	4.3181
281.98	285.6652	4.3195
283.98	285.3909	4.3235
285.98	285.1167	4.3492
287.98	285.1167	4.3519
289.98	284.751	4.3748
291.98	284.4768	4.3735
293.98	284.1111	4.3789
295.98	283.8369	4.3829
297.98	283.8369	4.387
299.98	283.5627	4.4018
301.98	283.5627	4.4045
303.98	283.5627	4.4099

S2-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S1-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
305.97	283.197	4.4113
307.97	283.197	4.414
308.53	283.197	4.4194

S2-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days		S3-2	7 days		S4-1	7 days		S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
0.0002	5.628179	0	0.0002	5.336952	0	0.0002	7.15048	0.0015	0.0002	-20.0246	0.0133
0.1746	10.8614	0.0027	0.1088	9.43635	0	0.1063	13.56126	0.0015	0.0578	-32.3653	0.0148
0.211	16.09462	0.0014	0.7868	13.53575	0.0095	0.1356	20.09532	0.0015	0.118	-44.706	0.0133
0.2705	21.32784	0.0014	1.9998	14.85065	0.0297	0.1551	26.62937	0	0.1929	-57.0467	0.0163
0.5604	16.09462	0.0108	2.4791	10.75125	0.0378	0.1658	33.16343	0	0.348	-44.706	0.0133
0.6199	10.8614	0.0081	2.6639	14.85065	0.0338	0.1839	39.69749	0	0.3878	-32.3653	0.0118
0.7455	5.628179	0.0095	3.9997	16.47494	0.0581	0.2063	46.23155	-0.0015	0.4178	-20.0246	0.0133
0.9348	10.8614	0.0081	4.4811	12.45289	0.0662	0.228	52.76561	0.003	0.4402	-7.68385	0.0104
0.9646	16.09462	0.0122	4.6611	16.47494	0.0635	0.5561	59.29967	0.0089	0.4607	4.656877	0.0089
0.9928	21.32784	0.0122	5.9995	17.32576	0.0864	0.7819	65.83373	0.0133	0.4807	16.9976	0.0104
1.0299	26.56105	0.0122	6.4968	13.22636	0.0972	1.664	72.24451	0.0266	0.5024	29.33833	0.0148
1.6147	31.79427	0.023	6.679	17.32576	0.0918	1.9998	75.32661	0.0325	0.6482	41.67905	0.0207
1.7396	26.56105	0.0257	7.9993	19.49148	0.1148	2.7793	81.86067	0.0458	1.2892	53.78693	0.0311
1.8279	31.79427	0.0257	9.9992	20.88373	0.1431	3.8646	88.39473	0.0636	1.6777	41.67905	0.0429
1.8845	26.56105	0.0257	10.4	16.78433	0.1526	3.9948	81.86067	0.0651	1.7364	29.33833	0.0429
1.9915	31.79427	0.0243	10.461	12.68493	0.1539	3.9997	82.72366	0.0651	1.7738	16.9976	0.0429
1.9998	32.09049	0.0311	10.554	8.585532	0.1553	4.5774	76.1896	0.0739	1.8174	4.656877	0.0444
2.1193	26.95601	0.0297	10.751	12.68493	0.1553	4.695	82.72366	0.0725	1.9998	10.47797	0.0385
2.1742	32.09049	0.0311	10.807	16.78433	0.1526	4.7242	89.25772	0.0739	2.0374	22.58585	0.0399
2.3469	26.95601	0.0365	10.854	20.88373	0.1512	5.0837	95.66849	0.0828	2.0667	34.92658	0.0399
2.453	32.09049	0.0311	11.999	22.19863	0.1742	5.2096	89.25772	0.0828	2.0884	47.2673	0.0385
2.8149	26.95601	0.0392	12.47	18.09923	0.1823	5.8834	95.66849	0.0946	2.1101	59.60803	0.0385
2.8703	32.09049	0.0419	12.663	22.19863	0.1809	5.9995	96.16163	0.0976	2.1457	71.94875	0.0429
3.081	26.85727	0.0473	13.999	24.36435	0.2025	6.2351	89.62757	0.1006	3.4029	84.28948	0.0651
3.2105	32.09049	0.0459	15.999	26.53007	0.2322	6.6838	96.16163	0.1065	3.6185	71.94875	0.0695
3.4344	37.32371	0.05	16.393	22.43067	0.2403	7.6972	102.5724	0.1227	3.6829	59.60803	0.0754
3.8494	32.09049	0.0581	16.472	18.40862	0.2417	7.9354	96.16163	0.1272	3.7229	47.2673	0.0754
3.8702	26.85727	0.0554	16.552	14.30922	0.2417	7.9993	98.25746	0.1287	3.7558	34.92658	0.0799
3.9997	31.10309	0.0527	16.702	18.40862	0.239	8.4025	104.7915	0.1346	3.7785	22.58585	0.0769
4.0287	36.33631	0.0527	16.725	22.43067	0.239	8.4703	98.25746	0.1375	3.8338	10.47797	0.0739
4.2499	31.10309	0.0648	16.765	26.53007	0.239	8.6973	104.7915	0.1361	3.9143	22.58585	0.0695
4.2796	25.86987	0.0635	17.999	27.38088	0.2606	9.7226	111.3256	0.1553	3.9506	34.92658	0.068
4.3789	20.63666	0.0648	18.429	23.28149	0.2673	9.8894	104.7915	0.1582	3.9716	47.2673	0.068
4.5428	25.86987	0.0635	18.473	19.18209	0.2714	9.9992	106.5175	0.1612	3.9928	59.60803	0.068
4.5825	31.10309	0.0648	18.531	15.08269	0.27	10.696	113.0516	0.1701	3.9997	62.16931	0.0665
4.633	36.33631	0.0621	18.635	11.06064	0.2727	11.621	119.4623	0.1849	4.0153	74.51003	0.068
4.8596	41.47079	0.0702	18.703	15.08269	0.2687	11.634	112.9283	0.1878	4.0448	86.61791	0.071
4.9474	36.33631	0.0729	18.741	19.18209	0.27	11.999	116.0104	0.1908	5.6707	74.27719	0.108
5.0328	41.47079	0.0702	18.782	23.28149	0.2687	12.92	122.5444	0.2056	5.7012	62.16931	0.1065
5.0954	36.33631	0.0743	18.822	27.38088	0.2687	13.999	126.3662	0.2233	5.7415	49.82859	0.108
5.1418	31.10309	0.0783	19.998	27.61293	0.2916	14.112	119.8322	0.2248	5.7785	37.48786	0.1094
5.1832	25.86987	0.077	21.998	30.62946	0.3187	14.425	126.3662	0.2307	5.8185	25.14714	0.1094
5.2405	20.63666	0.0783	23.998	33.33661	0.347	14.574	119.8322	0.2322	5.9485	37.48786	0.1035
5.2798	15.40344	0.0783	24.381	29.23722	0.3551	14.661	126.3662	0.2337	5.9836	49.82859	0.1006
5.322	10.17022	0.081	24.422	25.13782	0.3578	15.716	132.9003	0.2499	5.9995	56.34821	0.102
5.3988	4.936999	0.0797	24.453	21.11577	0.3578	15.999	127.5991	0.2558	6.0205	68.68894	0.0991
5.5108	10.17022	0.0783	24.496	17.01637	0.3592	16.678	134.1331	0.2662	6.0356	81.02966	0.0976
5.5434	15.40344	0.077	24.546	12.91697	0.3605	17.724	140.6672	0.2825	6.0532	93.13754	0.1006
5.5644	20.63666	0.0756	24.704	17.01637	0.3551	17.965	134.1331	0.2869	6.0844	105.4783	0.108
5.5851	25.86987	0.0743	24.731	21.03842	0.3551	17.999	135.8591	0.2869	6.7024	93.13754	0.1168
5.6044	31.10309	0.0756	24.773	25.13782	0.3538	18.696	142.3932	0.2972	7.6562	80.79682	0.1375
5.6229	36.33631	0.0756	24.805	29.23722	0.3538	19.68	148.804	0.3135	7.7016	68.68894	0.1405
5.65	41.47079	0.0783	24.991	33.33661	0.3605	19.815	142.2699	0.3165	7.7396	56.34821	0.139
5.8676	36.23757	0.0851	25.998	33.87804	0.3767	19.998	145.352	0.3179	7.7811	44.00749	0.1405
5.9958	41.47079	0.0837	26.523	29.77865	0.3848	20.777	151.7628	0.3313	7.8379	31.66676	0.142

UCS Test Results, Stage Two

S3-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
5.9995	40.48339	0.0864
6.8526	35.25017	0.0999
6.9031	30.01695	0.1026
6.9392	35.25017	0.0972
6.9789	40.48339	0.1013
7.2718	35.25017	0.1067
7.3413	30.01695	0.1067
7.4213	35.25017	0.1067
7.4538	40.48339	0.1067
7.4904	45.71661	0.108
7.733	40.48339	0.1134
7.9011	45.71661	0.1148
7.9993	43.93929	0.1148
8.194	38.70607	0.1242
8.2137	33.47285	0.1229
8.241	28.23963	0.1215
8.2747	23.00641	0.1229
8.3152	17.87194	0.1242
8.3769	12.63872	0.1229
8.5673	17.87194	0.1215
8.61	23.00641	0.1202
8.6478	28.23963	0.1215
8.6798	33.47285	0.1188
8.6981	38.70607	0.1229
8.7215	43.93929	0.1229
9.2187	38.70607	0.1377
9.2463	33.47285	0.1364
9.269	28.23963	0.1364
9.3095	23.00641	0.1377
9.3597	17.87194	0.1391
9.4204	12.63872	0.1377
9.559	17.87194	0.1377
9.5816	23.00641	0.135
9.6112	28.23963	0.1337
9.6419	33.47285	0.1377
9.6655	38.70607	0.135
9.6846	43.93929	0.1337
9.9992	43.54433	0.1445
10.327	48.77755	0.1485
10.363	43.54433	0.1512
10.386	38.31111	0.1539
10.456	33.07789	0.1553
10.517	27.94341	0.1553
10.728	33.07789	0.1526
10.756	38.31111	0.1526
10.788	43.54433	0.1553
10.822	48.77755	0.1526
10.908	43.54433	0.1607
10.986	48.77755	0.1566
11.204	43.54433	0.1634
11.223	38.31111	0.1661
11.238	33.07789	0.1674
11.258	27.94341	0.1688
11.282	22.71019	0.1674
11.304	17.47698	0.1701

S3-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
26.62	33.87804	0.3821
27.998	35.50233	0.4064
28.499	31.40294	0.4132
28.588	35.50233	0.4132
29.998	37.04928	0.4348
30.435	33.02723	0.4429
30.497	28.92783	0.4429
30.579	24.82843	0.4442
30.666	28.92783	0.4415
30.685	33.02723	0.4402
30.704	37.04928	0.4415
31.997	39.52438	0.4631
32.434	35.42499	0.4712
32.504	31.40294	0.4726
32.575	27.30354	0.4712
32.643	31.40294	0.4726
32.666	35.42499	0.4685
32.683	39.52438	0.4699
33.997	40.06581	0.4928
35.997	42.46358	0.5212
37.997	43.85582	0.5509
38.436	39.75643	0.559
38.498	35.65703	0.5603
38.557	31.63498	0.5603
38.667	35.65703	0.5576
38.693	39.75643	0.5576
38.709	43.85582	0.5563
39.997	46.79502	0.5792
41.997	48.65135	0.6076
43.996	50.81707	0.6387
44.455	46.79502	0.6454
44.511	42.69562	0.6468
44.581	38.67357	0.6468
44.647	42.69562	0.6441
44.679	46.79502	0.6441
44.697	50.81707	0.6454
45.996	52.98279	0.667
46.417	48.88339	0.6738
46.528	44.86134	0.6765
46.647	48.88339	0.6724
46.672	52.98279	0.6738
47.526	57.00484	0.6886
47.715	52.98279	0.694
47.795	48.88339	0.6927
47.946	52.98279	0.6927
47.985	57.00484	0.694
47.996	55.92198	0.694
48.278	51.89993	0.7008
48.417	55.92198	0.6994
49.625	60.02138	0.717
49.996	58.93852	0.7237
51.604	62.96057	0.748
51.996	62.41914	0.7548
53.724	66.44119	0.7777
53.996	65.35833	0.7818

S4-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
21.998	152.6258	0.3505
22.564	146.0917	0.3608
22.701	152.6258	0.3594
22.979	159.1598	0.3667
23.998	159.1598	0.3815
24.394	165.5706	0.3874
24.403	159.0365	0.3874
24.467	152.6258	0.3919
24.507	146.0917	0.3919
24.548	139.5576	0.3934
24.579	133.1469	0.3934
24.61	126.6128	0.3948
24.642	120.0788	0.3948
24.723	113.668	0.3948
24.824	120.0788	0.3948
24.851	126.6128	0.3934
24.869	133.1469	0.3948
24.883	139.5576	0.3919
24.896	146.0917	0.3919
24.913	152.6258	0.3904
24.934	159.0365	0.3919
24.957	165.5706	0.3948
25.998	168.1596	0.4141
27.137	174.5703	0.4318
27.307	168.1596	0.4363
27.72	174.5703	0.4407
27.998	176.7895	0.4451
29.135	183.2002	0.4643
29.252	176.6662	0.4673
29.739	183.2002	0.4732
29.998	184.4331	0.4762
30.482	178.0223	0.4865
30.691	184.4331	0.488
31.797	190.9671	0.5058
31.997	190.474	0.5102
33.138	196.8848	0.5265
33.997	194.2958	0.5427
34.696	200.8299	0.5516
35.742	207.2406	0.5679
35.997	208.4735	0.5723
36.103	202.0627	0.5753
36.694	208.4735	0.5827
37.997	214.5144	0.6048
39.522	220.9252	0.6285
39.997	218.7061	0.6374
40.739	225.2401	0.6477
41.997	226.473	0.6684
42.859	232.8837	0.6817
43.996	236.7056	0.6995
45.442	243.1163	0.7217
45.996	246.5683	0.7305
46.011	240.1575	0.732
46.66	246.5683	0.7424
47.46	252.9791	0.7542
47.607	246.5683	0.7572

S4-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
7.9915	44.00749	0.1361
7.9993	43.07611	0.1361
8.0291	55.41684	0.1361
8.0601	67.75756	0.1331
8.0815	80.09829	0.1346
8.0993	92.43901	0.1331
8.122	104.7797	0.1375
9.6848	92.43901	0.1701
9.7365	80.09829	0.1701
9.7953	67.75756	0.1656
9.908	80.09829	0.1656
9.9455	92.43901	0.1656
9.9687	104.5469	0.1627
9.9992	112.9293	0.1686
11.653	100.5885	0.2026
11.703	88.24782	0.2026
11.738	75.9071	0.2056
11.775	63.56637	0.2056
11.806	51.45849	0.2041
11.974	63.56637	0.2011
11.999	69.38747	0.1996
12.028	81.72819	0.1967
12.049	94.06892	0.1967
12.068	106.1768	0.1952
12.086	118.5175	0.1982
12.12	130.8582	0.2026
12.536	118.5175	0.2144
13.408	130.8582	0.2263
13.579	118.5175	0.2292
13.652	106.1768	0.2337
13.68	93.83607	0.2366
13.709	81.72819	0.2366
13.735	69.38747	0.2396
13.755	57.04674	0.2381
13.782	44.70602	0.2366
13.886	57.04674	0.2292
13.909	69.38747	0.2277
13.931	81.72819	0.2248
13.947	93.83607	0.2277
13.964	106.1768	0.2248
13.981	118.5175	0.2263
13.999	129.9269	0.2307
15.737	117.5861	0.2632
15.879	129.9269	0.2588
15.916	142.2676	0.2632
15.999	139.0078	0.2677
17.426	151.1157	0.2898
17.671	139.0078	0.2943
17.735	126.6671	0.2943
17.877	139.0078	0.2913
17.924	151.1157	0.2958
17.999	153.6769	0.2987
19.683	141.3362	0.3283
19.774	128.9955	0.3283
19.893	141.3362	0.3253

UCS Test Results, Stage Two

S3-1		7 days	S3-2		7 days	S4-1		7 days	S4-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
11.335	12.24376	0.1688	55.76	69.45773	0.8074	47.996	250.8832	0.7631	19.921	153.6769	0.3253
11.378	7.010538	0.1674	55.995	68.06548	0.8115	49.12	257.294	0.7808	19.955	165.7848	0.3283
11.464	12.24376	0.1634	56.472	63.96608	0.8182	49.996	259.3898	0.7941	19.998	165.0863	0.3298
11.486	17.47698	0.162	56.6	68.06548	0.8196	51.679	265.8006	0.8207	21.638	152.7456	0.3579
11.512	22.71019	0.162	57.064	72.08753	0.8277	51.996	267.8964	0.8267	21.69	140.4048	0.3608
11.536	27.94341	0.162	57.995	72.62896	0.8398	52.146	261.4857	0.8296	21.732	128.0641	0.3608
11.551	33.17663	0.1593	58.39	68.60691	0.8493	52.622	267.8964	0.837	21.761	115.9562	0.3623
11.567	38.31111	0.1566	58.462	64.50751	0.8506	53.902	274.3072	0.8562	21.794	103.6155	0.3594
11.579	43.54433	0.1607	58.502	60.48546	0.852	53.996	273.9374	0.8562	21.998	109.4366	0.3594
11.609	48.77755	0.162	58.572	56.38606	0.8506	55.418	280.3481	0.8799	22.025	121.5445	0.3594
11.716	43.54433	0.1742	58.662	60.48546	0.8466	55.995	280.2249	0.8902	22.057	133.8852	0.3564
11.916	48.77755	0.1715	58.69	64.50751	0.8466	56.527	273.8141	0.8991	22.078	146.2259	0.3564
11.999	48.08637	0.1755	58.709	68.60691	0.8479	56.657	280.2249	0.8991	22.095	158.5667	0.3549
12.587	42.85315	0.185	58.721	72.62896	0.8479	56.994	286.6356	0.9065	22.114	170.6745	0.3579
12.609	37.61993	0.1823	59.449	76.65101	0.8614	57.995	287.8685	0.9228	22.146	183.0153	0.3638
12.709	32.38671	0.1863	59.995	76.41897	0.8709	58.932	294.2792	0.9376	22.603	170.6745	0.3727
12.806	37.61993	0.1823	61.487	80.44102	0.8898	59.995	297.3613	0.9538	23.848	183.0153	0.3904
12.837	42.85315	0.185	61.995	80.20898	0.8992	60.909	303.7721	0.9671	23.998	180.454	0.3948
12.866	48.08637	0.185	62.405	76.10958	0.9073	61.995	308.4569	0.9849	25.998	186.2751	0.4259
12.973	53.31959	0.185	62.494	72.08753	0.9046	62.379	301.9229	0.9923	27.715	173.9344	0.4555
13.079	48.08637	0.1917	62.57	67.98813	0.9073	62.73	308.3336	0.9967	27.814	161.5936	0.454
13.241	42.85315	0.1944	62.632	72.08753	0.906	63.788	314.7444	1.013	27.882	173.9344	0.4525
13.259	37.61993	0.1958	62.646	76.10958	0.9046	63.995	313.5116	1.0189	27.912	186.0422	0.454
13.279	32.38671	0.1944	62.664	80.13163	0.9046	64.728	319.9223	1.0293	27.945	198.383	0.454
13.315	27.25223	0.1958	63.308	84.23103	0.9195	64.918	313.3883	1.0322	27.998	202.3413	0.457
13.364	22.01901	0.1958	63.995	85.31389	0.9263	65.271	319.9223	1.0367	29.693	190.2334	0.488
13.437	16.7858	0.1985	65.145	89.33594	0.9438	65.995	321.1552	1.0485	29.752	177.8927	0.4865
13.583	22.01901	0.1944	65.995	89.02655	0.9546	66.748	327.566	1.0618	29.884	190.2334	0.4851
13.605	27.25223	0.1958	66.472	85.0045	0.9641	67.994	328.3057	1.081	29.919	202.3413	0.4836
13.626	32.38671	0.1917	66.547	89.02655	0.9641	68.764	334.7164	1.0928	29.998	210.4908	0.491
13.648	37.61993	0.1904	66.967	93.0486	0.9708	69.994	335.5794	1.1121	31.658	198.1501	0.5191
13.666	42.85315	0.1904	67.994	94.67289	0.9857	70.721	341.9902	1.1239	31.73	186.0422	0.5205
13.685	48.08637	0.1904	68.377	90.65084	0.9938	71.9	348.2777	1.1431	31.779	173.7015	0.5176
13.71	53.31959	0.1971	68.438	86.55144	0.9965	71.994	347.9078	1.1431	31.905	186.0422	0.5176
13.825	48.08637	0.2025	68.475	82.52939	0.9924	73.539	354.1953	1.1683	31.939	198.1501	0.5146
13.859	42.85315	0.2025	68.499	78.50734	0.9951	73.994	351.2365	1.1771	31.963	210.4908	0.5161
13.936	48.08637	0.1985	68.559	74.40794	0.9951	74.695	357.6473	1.1845	31.997	220.2703	0.522
13.999	52.62841	0.2012	68.708	78.50734	0.9924	75.68	364.0581	1.2023	33.735	207.9296	0.5486
14.093	47.39519	0.2066	68.728	82.52939	0.9924	75.994	363.9348	1.2082	33.824	220.2703	0.5501
14.186	42.16197	0.2066	68.747	86.55144	0.9924	77.595	370.3456	1.2333	33.997	229.1184	0.5531
14.25	47.39519	0.2066	68.76	90.65084	0.9924	77.994	371.2086	1.2378	35.692	217.0105	0.5827
14.291	52.62841	0.2025	68.77	94.67289	0.9924	79.173	377.496	1.257	35.773	204.6698	0.5827
14.43	47.39519	0.2106	69.446	98.69494	1.0059	79.993	377.8659	1.2718	35.88	217.0105	0.5797
14.461	42.16197	0.212	69.994	99.00433	1.0154	80.914	384.2767	1.2866	35.903	229.1184	0.5782
14.501	36.92875	0.2133	70.415	94.90493	1.0221	81.993	386.7424	1.3058	35.94	241.4591	0.5841
14.543	31.69553	0.2133	70.588	99.00433	1.0221	83.23	393.1531	1.3235	35.997	243.089	0.5841
14.583	26.46231	0.212	71.034	103.0264	1.0302	83.993	394.386	1.3354	37.615	230.7483	0.6093
14.657	21.32784	0.216	71.994	104.3413	1.0437	84.481	387.9752	1.3428	37.673	218.4075	0.6152
14.846	26.46231	0.2147	72.401	100.3192	1.0505	84.651	394.386	1.3442	37.726	206.2997	0.6152
14.892	31.69553	0.212	72.475	96.21983	1.0518	84.93	400.7967	1.3487	37.77	193.9589	0.6152
14.918	36.92875	0.212	72.622	100.3192	1.0505	85.076	394.386	1.3516	37.822	181.6182	0.6167
14.945	42.16197	0.2147	72.649	104.3413	1.0505	85.532	400.7967	1.359	37.997	184.1795	0.6137
14.967	47.39519	0.2147	73.154	108.3633	1.0599	85.993	400.3036	1.3664	38.04	196.5202	0.6137
14.997	52.52967	0.2106	73.994	109.9876	1.0721	87.151	406.5911	1.3842	38.066	208.6281	0.6122
15.138	47.39519	0.2214	74.441	105.9656	1.0815	87.993	408.6869	1.3975	38.093	220.9688	0.6122

UCS Test Results, Stage Two

S3-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
15.239	42.16197	0.2241
15.259	36.92875	0.2241
15.292	31.69553	0.2241
15.34	26.46231	0.2241
15.383	21.32784	0.2282
15.437	16.09462	0.2268
15.55	21.32784	0.2201
15.562	26.46231	0.2228
15.581	31.69553	0.2214
15.603	36.92875	0.2187
15.623	42.16197	0.2187
15.642	47.39519	0.2214
15.664	52.52967	0.2228
15.999	54.30699	0.2349
16.196	49.07377	0.2363
16.265	43.84055	0.2363
16.424	49.07377	0.2336
16.446	54.30699	0.2363
17.237	49.07377	0.2538
17.257	43.84055	0.2538
17.276	38.60733	0.2538
17.295	33.47285	0.2538
17.32	28.23963	0.2552
17.358	23.00641	0.2538
17.397	17.7732	0.2552
17.441	12.63872	0.2552
17.528	17.7732	0.2511
17.548	23.00641	0.2511
17.563	28.23963	0.2498
17.582	33.47285	0.2484
17.605	38.60733	0.2498
17.623	43.84055	0.2444
17.637	49.07377	0.2484
17.651	54.30699	0.2484
17.999	54.99817	0.2606
19.148	60.13265	0.2768
19.223	54.99817	0.2835
19.234	49.76495	0.2835
19.246	44.53173	0.2835
19.264	39.29851	0.2849
19.278	34.16403	0.2849
19.303	28.93081	0.2849
19.327	23.69759	0.2862
19.356	18.46438	0.2849
19.389	13.3299	0.2835
19.486	18.46438	0.2808
19.508	23.69759	0.2795
19.543	28.93081	0.2768
19.564	34.16403	0.2795
19.583	39.29851	0.2741
19.595	44.53173	0.2741
19.607	49.76495	0.2768
19.627	54.99817	0.2768
19.998	54.99817	0.2889
20.155	49.76495	0.2903

S3-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
74.52	101.8662	1.0802
74.626	105.9656	1.0802
74.643	109.9876	1.0775
75.244	114.0097	1.0896
75.994	115.634	1.1018
76.396	111.5346	1.1085
76.476	107.5125	1.1099
76.581	103.4905	1.1085
76.623	107.5125	1.1085
76.642	111.5346	1.1072
76.655	115.634	1.1085
77.294	119.656	1.1193
77.994	119.8881	1.1301
78.605	123.9101	1.1409
79.993	127.1587	1.1598
80.358	123.0593	1.1652
80.4	119.0372	1.1679
80.442	115.0152	1.1693
80.474	110.9931	1.1693
80.5	106.8937	1.1693
80.525	102.8717	1.1706
80.558	98.84964	1.1693
80.617	94.75024	1.1706
80.694	98.84964	1.1666
80.724	102.8717	1.1666
80.743	106.8937	1.1666
80.761	110.9931	1.1679
80.774	115.0152	1.1666
80.786	119.0372	1.1666
80.801	123.0593	1.1666
80.813	127.1587	1.1666
80.847	131.1807	1.1693
81.993	133.5785	1.1868
83.152	137.6005	1.2044
83.993	138.9155	1.2166
84.944	142.9375	1.2314
85.993	146.1861	1.2463
86.374	142.0867	1.2544
86.447	138.0646	1.253
86.536	134.0426	1.2544
86.592	138.0646	1.2557
86.621	142.0867	1.253
86.634	146.1861	1.2517
86.686	150.2081	1.2557
87.993	152.2965	1.2746
88.412	148.2745	1.2827
88.471	144.2524	1.2827
88.602	148.2745	1.2814
88.623	152.2965	1.28
88.665	156.3186	1.2854
89.993	158.7163	1.3057
90.432	154.6943	1.3111
90.545	158.7163	1.3111
90.74	162.7384	1.3151
91.992	165.1361	1.3327

S4-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
89.126	415.0977	1.4167
89.993	416.7004	1.43
90.861	423.1112	1.4433
91.992	426.4398	1.4625
93.08	432.8506	1.4788
93.148	426.4398	1.4803
93.577	432.7273	1.4877
93.992	431.4945	1.4936
94.659	437.9053	1.504
95.992	439.508	1.5261
96.757	445.7955	1.538
97.992	449.9871	1.5572
98.505	443.5763	1.5661
98.616	449.9871	1.5646
99.658	456.2746	1.5838
99.907	449.8638	1.5882
99.992	453.3158	1.5912
100.85	459.6033	1.603
101.99	463.0552	1.6208
103.13	469.3427	1.64
103.99	473.5344	1.6533
104.16	467.1236	1.6548
104.63	473.5344	1.6637
105.59	479.8219	1.6785
105.72	473.4111	1.6799
105.99	478.4658	1.6844
107.25	484.8765	1.7036
107.99	485.6162	1.7154
109.56	491.9037	1.7406
109.99	490.1777	1.7465
110.74	496.5885	1.7583
111.99	500.287	1.779
113.96	506.5745	1.8101
113.99	505.2184	1.8101
115.04	511.5059	1.8278
115.99	512.7387	1.8441
117.36	519.0262	1.8648
117.99	518.5331	1.8751
118.98	524.8206	1.8899
119.99	524.3275	1.9077
121.12	530.6149	1.9239
121.99	530.9848	1.9372
123.08	537.2723	1.955
123.99	538.5051	1.9698
125.57	544.7926	1.9949
125.99	546.3953	2.0023
127.59	552.6828	2.0275
127.99	551.3267	2.0334
128.7	557.7375	2.0452
129.99	559.71	2.0644
130.85	565.9975	2.0792
131.99	567.6002	2.097
133.43	573.8877	2.1191
133.99	573.3945	2.128
134.79	579.682	2.1413

S4-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
38.107	233.0767	0.6108
38.134	245.4174	0.6137
39.65	233.0767	0.6448
39.717	220.736	0.6462
39.761	208.6281	0.6477
39.81	196.2874	0.6462
39.946	208.6281	0.6448
39.98	220.736	0.6433
39.997	225.6257	0.6433
40.018	237.9664	0.6433
40.04	250.3071	0.6433
41.997	258.2238	0.6803
43.644	245.8831	0.7084
43.69	233.7752	0.7113
43.713	221.4345	0.7128
43.746	209.3266	0.7128
43.774	196.9859	0.7113
43.815	184.878	0.7098
43.961	196.9859	0.7098
43.996	209.3266	0.7054
43.996	209.3266	0.7054
44.02	221.4345	0.7069
44.043	233.7752	0.7069
44.061	245.8831	0.7039
44.078	258.2238	0.7054
44.101	270.3317	0.7098
45.577	258.2238	0.7379
45.657	245.8831	0.7424
45.707	233.5424	0.7424
45.742	221.4345	0.7453
45.771	209.0938	0.7438
45.824	196.9859	0.7424
45.983	209.0938	0.7409
45.996	209.0938	0.7409
46.023	221.4345	0.7394
46.055	233.7752	0.7379
46.074	245.8831	0.7379
46.093	258.2238	0.7379
46.115	270.3317	0.7394
46.145	282.4396	0.7468
46.492	270.3317	0.7527
47.677	257.991	0.7719
47.771	245.8831	0.7734
47.863	257.991	0.7705
47.896	270.3317	0.7675
47.941	282.4396	0.7734
47.996	278.4813	0.7749
49.676	266.1405	0.8045
49.732	253.7998	0.806
49.772	241.6919	0.806
49.996	251.4714	0.803
50.027	263.5792	0.803
50.055	275.92	0.8015
50.078	288.0279	0.803
51.841	300.1357	0.8341

UCS Test Results, Stage Two

S3-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
20.229	44.53173	0.2943
20.281	39.29851	0.2943
20.357	44.53173	0.2943
20.397	49.76495	0.2916
20.425	54.99817	0.293
20.931	60.13265	0.3011
21.027	54.99817	0.3052
21.236	49.76495	0.3106
21.253	44.53173	0.3133
21.272	39.29851	0.3133
21.292	34.16403	0.3133
21.314	28.93081	0.3146
21.339	23.69759	0.3146
21.373	18.46438	0.3133
21.417	13.3299	0.3119
21.492	18.46438	0.3092
21.527	23.69759	0.3052
21.544	28.93081	0.3079
21.564	34.16403	0.3079
21.583	39.29851	0.3079
21.599	44.53173	0.3038
21.614	49.76495	0.3065
21.629	54.99817	0.3065
21.755	49.76495	0.3187
21.786	44.53173	0.3187
21.966	49.76495	0.3173
21.998	53.51707	0.3173
22.027	58.75029	0.3173
22.718	53.51707	0.3295
22.828	58.75029	0.3281
23.057	53.51707	0.3349
23.109	58.75029	0.3322
23.23	53.51707	0.3403
23.248	48.38259	0.3403
23.263	43.14937	0.3416
23.291	37.91615	0.3416
23.32	32.68293	0.3416
23.355	27.54845	0.3443
23.392	22.31523	0.343
23.424	17.08202	0.343
23.525	22.31523	0.3376
23.541	27.54845	0.3362
23.56	32.68293	0.3349
23.573	37.91615	0.3322
23.589	43.14937	0.3362
23.604	48.38259	0.3308
23.619	53.51707	0.3349
23.634	58.75029	0.3376
23.916	53.51707	0.3484
23.966	58.75029	0.3443
23.998	57.66415	0.347
24.546	62.89737	0.3538
25.225	57.66415	0.37
25.238	52.52967	0.37
25.256	47.29645	0.3713

S3-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
92.801	169.1582	1.3435
93.937	173.1802	1.361
93.992	171.5559	1.3624
94.594	175.578	1.3718
95.577	179.6	1.384
95.992	179.0586	1.3921
96.633	183.0807	1.3988
97.574	187.1027	1.4137
97.992	187.5668	1.4204
98.389	183.5447	1.4272
98.46	179.5227	1.4272
98.617	183.5447	1.4258
98.638	187.5668	1.4258
98.672	191.5888	1.4285
99.931	195.6109	1.4474
99.992	195.0695	1.4488
100.66	199.0915	1.4582
101.85	203.0362	1.4758
101.99	203.0362	1.4771
102.38	199.0142	1.4852
102.57	203.0362	1.4839
102.67	207.0583	1.4879
103.92	211.0803	1.5068
103.99	208.3732	1.5082
104.59	212.3952	1.5136
105.31	216.4173	1.5258
105.99	218.2736	1.5366
106.38	214.2516	1.5433
106.44	210.2295	1.5433
106.49	206.1301	1.5447
106.54	202.1081	1.5447
106.6	206.1301	1.5447
106.63	210.2295	1.542
106.64	214.2516	1.542
106.66	218.2736	1.542
106.69	222.2957	1.5447
107.7	226.2404	1.5609
107.99	227.8647	1.5636
108.05	223.8426	1.5649
108.14	227.8647	1.5676
108.36	223.8426	1.5717
108.44	219.8206	1.573
108.54	215.7985	1.5744
108.59	219.8206	1.5717
108.62	223.8426	1.5717
108.64	227.8647	1.5717
108.67	231.8867	1.5744
109.49	235.9088	1.5865
109.99	236.6822	1.5933
110.36	232.6602	1.6
110.54	236.6822	1.6
110.65	240.6269	1.6027
111.59	244.649	1.6162
111.99	244.649	1.6243
112.26	248.671	1.627

S4-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
135.99	583.8737	2.1605
137.59	590.0379	2.1842
137.99	590.9009	2.1931
139.04	597.1884	2.2079
139.99	600.0239	2.2241
141.68	606.3114	2.2508
141.99	603.2293	2.2552
142.72	609.5168	2.267
143.99	611.1195	2.2877
145.6	617.2837	2.3129
145.99	616.0509	2.3188
146.88	622.3383	2.3336
147.99	623.941	2.3498
148.88	630.2285	2.3646
149.99	630.1052	2.3838
151.71	636.2695	2.4105
151.99	635.7763	2.4134
153.3	642.0638	2.4341
153.99	643.6665	2.446
155.22	649.8307	2.4667
155.99	647.6116	2.4785
156.64	654.0224	2.4874
157.99	655.8716	2.511
159.04	662.1591	2.5258
159.99	664.255	2.5406
161.75	670.789	2.5687
161.99	669.5562	2.5731
162.95	675.7204	2.5879
163.99	676.0902	2.6027
165.51	682.2544	2.6293
165.99	681.3914	2.6367
166.91	687.5557	2.6515
167.99	690.3912	2.6678
169.99	691.5007	2.7003
171.27	697.665	2.721
171.99	698.4047	2.7314
173.13	704.6922	2.7491
173.99	704.0757	2.7639
174.79	710.3632	2.7772
175.99	711.1029	2.7964
177.11	717.2671	2.8127
177.99	716.774	2.826
178.83	723.0615	2.8393
179.99	725.4039	2.8586
181.65	731.9379	2.8866
181.99	732.8009	2.8896
183.99	737.9789	2.9236
185.87	744.5129	2.9517
185.98	741.5541	2.9532
186.55	747.8416	2.9621
187.98	748.9512	2.9857
189.31	755.1154	3.0064
189.98	755.8551	3.0168
191.65	762.3891	3.0434
191.98	760.2933	3.0493

S4-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
51.996	298.5058	0.8385
53.712	286.3979	0.8681
53.773	274.0572	0.8681
53.919	286.3979	0.8651
53.958	298.5058	0.8666
53.996	307.3539	0.8695
55.67	295.246	0.8976
55.842	307.3539	0.8976
55.995	308.9838	0.9006
57.645	296.6431	0.9317
57.694	284.5352	0.9331
57.732	272.1945	0.9346
57.773	260.0866	0.9317
57.827	247.7459	0.9317
57.995	254.2655	0.9317
58.03	266.6062	0.9317
58.06	278.7141	0.9302
58.09	291.0548	0.9287
58.111	303.1627	0.9272
58.134	315.2706	0.9302
58.16	327.6113	0.9361
59.653	315.2706	0.9642
59.731	303.1627	0.9627
59.862	315.2706	0.9583
59.901	327.3785	0.9627
59.995	325.05	0.9642
61.92	337.1579	0.9952
61.995	334.5966	0.9967
63.632	322.4887	1.0248
63.688	310.148	1.0278
63.749	298.0401	1.0293
63.811	285.6994	1.0278
63.944	298.0401	1.0263
63.99	310.148	1.0248
63.995	310.148	1.0263
64.02	322.4887	1.0233
64.041	334.5966	1.0219
64.081	346.7045	1.0293
65.995	344.1432	1.0588
67.465	356.2511	1.084
67.994	356.2511	1.0928
69.882	368.359	1.1224
69.994	365.0992	1.1224
71.656	352.7584	1.155
71.713	340.6506	1.1535
71.77	328.5427	1.1535
71.994	336.6922	1.1535
72.021	348.8001	1.1505
72.042	360.908	1.149
72.063	373.2487	1.1505
72.101	385.3566	1.1564
73.668	373.0159	1.1831
73.842	385.1237	1.1831
73.994	386.7536	1.1875
75.861	398.8615	1.2156

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
25.271	42.06323	0.3713
25.296	36.83001	0.37
25.318	31.69553	0.3713
25.35	26.46231	0.3727
25.379	21.2291	0.3713
25.421	16.09462	0.37
25.506	21.2291	0.3673
25.519	26.46231	0.3659
25.538	31.69553	0.3632
25.558	36.83001	0.3632
25.57	42.06323	0.3605
25.588	47.29645	0.3632
25.602	52.52967	0.3605
25.613	57.66415	0.3619
25.651	62.89737	0.3713
25.721	57.66415	0.3713
25.785	62.89737	0.3727
25.903	57.66415	0.374
25.981	62.89737	0.3754
25.998	61.51501	0.3767
27.189	66.64948	0.3943
27.216	61.51501	0.3997
27.231	56.28179	0.3983
27.24	51.04857	0.3983
27.255	45.91409	0.401
27.272	40.68087	0.401
27.292	35.44765	0.4024
27.307	30.31317	0.4037
27.327	25.07995	0.4037
27.356	19.84674	0.401
27.418	14.71226	0.3983
27.476	19.84674	0.3916
27.487	25.07995	0.3943
27.509	30.31317	0.3929
27.534	35.44765	0.3916
27.547	40.68087	0.3943
27.565	45.91409	0.3916
27.577	51.04857	0.3875
27.588	56.28179	0.3889
27.605	61.51501	0.3956
27.998	63.58855	0.4024
29.223	58.35533	0.4294
29.237	53.12211	0.428
29.251	47.98763	0.4294
29.262	42.75441	0.4294
29.282	37.52119	0.4307
29.303	32.38671	0.4321
29.323	27.15349	0.4321
29.346	21.92027	0.4321
29.397	16.7858	0.4267
29.475	21.92027	0.4226
29.491	27.15349	0.4267
29.521	32.38671	0.4226
29.534	37.52119	0.4199
29.552	42.75441	0.4186

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
112.35	244.649	1.6297
112.43	240.6269	1.6311
112.49	236.6049	1.6311
112.62	240.6269	1.6297
112.64	244.649	1.6284
112.66	248.671	1.6311
113.36	252.6157	1.6432
113.99	253.9306	1.6527
114.62	257.9527	1.6594
115.12	261.9747	1.6675
115.98	265.9194	1.681
115.99	265.146	1.681
116.64	269.168	1.6891
117.46	273.1127	1.7026
117.99	274.1956	1.7094
118.64	278.2176	1.7188
119.56	282.1623	1.7323
119.99	283.7866	1.7391
120.64	287.7313	1.7472
121.34	291.7534	1.758
121.99	293.8418	1.7674
122.63	297.8638	1.7755
123.44	301.8085	1.7877
123.99	301.5765	1.7971
124.22	305.5212	1.7998
124.35	301.4991	1.8039
124.41	297.4771	1.8052
124.45	293.455	1.8066
124.47	289.433	1.8052
124.52	285.4109	1.8052
124.62	289.433	1.8025
124.64	293.455	1.8025
124.65	297.4771	1.8025
124.66	301.4991	1.8039
124.68	305.5212	1.8025
124.71	309.5432	1.8066
125.65	313.4879	1.8214
125.99	314.0294	1.8255
126.65	318.0514	1.835
127.2	321.9961	1.8431
127.99	324.6259	1.8552
128.38	320.6039	1.862
128.55	324.6259	1.862
128.61	328.648	1.8633
129.39	332.5927	1.8755
129.99	334.217	1.8849
130.38	330.1949	1.8903
130.44	326.1729	1.8917
130.49	322.1508	1.893
130.54	318.1288	1.893
130.59	322.1508	1.893
130.63	326.1729	1.8903
130.64	330.1949	1.889
130.66	334.217	1.889
130.68	338.1617	1.893

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.13	766.4575	3.0671
193.98	767.1972	3.0804
195.77	773.608	3.1099
195.98	773.608	3.1129
197.98	778.9092	3.144
199.77	785.32	3.1721
199.98	784.9501	3.1765
201.98	789.7582	3.2075
203.94	796.169	3.2386
203.98	797.032	3.2401
205.98	801.3469	3.2711
207.96	807.881	3.3037
207.98	807.3878	3.3022
209.86	813.9219	3.3332
209.98	813.9219	3.3347
211.78	820.3327	3.3628
211.98	817.3739	3.3673
213.02	823.5381	3.382
213.98	825.1408	3.3983
214.34	818.73	3.4028
215.9	825.264	3.4294
215.98	822.3052	3.4309
217.26	828.8393	3.4516
217.98	828.716	3.4619
219.28	835.3733	3.4811
219.98	836.113	3.493
221.9	842.5238	3.524
221.98	841.6608	3.5255
223.98	846.4689	3.5566
225.98	850.2907	3.5891
227.43	856.8248	3.6127
227.98	855.9618	3.6201
229.41	862.3726	3.6438
229.98	861.0164	3.6542
230.75	867.3039	3.6645
230.96	860.8932	3.6675
231.27	867.1807	3.6734
231.98	867.0574	3.6837
233.07	873.5914	3.7
233.98	872.7284	3.7148
235.29	879.1392	3.7355
235.98	877.4132	3.7488
237.39	883.9473	3.7695
237.98	882.961	3.7784
239.21	889.4951	3.7991
239.98	889.0019	3.8109
241.98	891.5909	3.842
243.79	898.0017	3.8715
243.98	897.1387	3.8745
245.77	903.5495	3.9026
245.98	902.3166	3.907
247.71	908.7274	3.9322
247.87	902.4399	3.9336
247.98	904.0426	3.9381
248.31	910.3301	3.944

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
75.994	397.9302	1.2215
77.712	385.8223	1.2466
77.837	397.9302	1.2437
77.883	410.038	1.2511
77.994	408.4081	1.2511
79.692	396.0674	1.2807
79.749	383.9595	1.2821
79.918	396.0674	1.2762
79.95	408.4081	1.2762
79.983	420.516	1.2807
79.993	419.5846	1.2821
81.669	407.4767	1.3117
81.864	419.5846	1.3073
81.96	431.6925	1.3147
81.993	428.4327	1.3147
83.647	416.092	1.3413
83.872	428.4327	1.3398
83.921	440.5406	1.3457
83.993	437.9793	1.3472
85.631	425.6386	1.3738
85.708	413.5307	1.3753
85.898	425.6386	1.3723
85.929	437.9793	1.3723
85.993	445.1975	1.3783
87.993	452.4156	1.4108
89.958	464.2907	1.4418
89.993	461.9622	1.4418
91.839	473.8372	1.4699
91.992	472.2073	1.4729
93.858	484.3152	1.5025
93.992	483.3838	1.504
95.647	471.276	1.5335
95.845	483.3838	1.5321
95.992	488.0407	1.5365
97.706	475.9328	1.5675
97.834	488.0407	1.5631
97.992	495.2589	1.569
99.992	501.5457	1.6001
101.86	513.4207	1.6297
101.99	511.7908	1.6311
103.81	523.8987	1.6607
103.99	526.2271	1.6637
105.99	533.2124	1.6962
107.83	545.3203	1.7228
107.99	545.3203	1.7273
109.99	552.3056	1.7598
111.64	540.1977	1.7879
111.75	528.0899	1.7864
111.83	540.1977	1.7864
111.87	552.3056	1.7835
111.9	564.1807	1.7879
111.99	564.1807	1.7908
113.99	570.4674	1.8234
115.83	582.5753	1.8515
115.99	583.2739	1.8544

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
29.568	47.98763	0.4172
29.583	53.12211	0.4213
29.599	58.35533	0.4199
29.615	63.58855	0.4226
29.998	64.57595	0.4334
30.907	69.80916	0.4456
31.098	64.57595	0.451
31.232	59.34273	0.4564
31.25	54.20825	0.4564
31.27	48.97503	0.4577
31.29	43.74181	0.4577
31.318	38.60733	0.4577
31.343	33.37411	0.4591
31.376	28.14089	0.4591
31.414	23.00641	0.4577
31.502	28.14089	0.455
31.524	33.37411	0.4537
31.541	38.60733	0.451
31.561	43.74181	0.4523
31.58	48.97503	0.4496
31.59	54.20825	0.4496
31.603	59.34273	0.4483
31.614	64.57595	0.451
31.653	69.80916	0.4564
31.997	66.25452	0.4631
32.371	71.48774	0.4685
33.217	66.25452	0.4874
33.234	61.12005	0.4861
33.246	55.88683	0.4874
33.258	50.65361	0.4874
33.276	45.51913	0.4888
33.295	40.28591	0.4874
33.317	35.05269	0.4888
33.337	29.91821	0.4888
33.361	24.68499	0.4874
33.478	29.91821	0.4807
33.489	35.05269	0.482
33.518	40.28591	0.4766
33.535	45.51913	0.4793
33.548	50.65361	0.4766
33.56	55.88683	0.478
33.571	61.12005	0.4766
33.586	66.25452	0.478
33.61	71.48774	0.4861
33.997	70.79656	0.4942
35.223	65.56334	0.5158
35.234	60.33013	0.5171
35.245	55.19565	0.5171
35.257	49.96243	0.5171
35.274	44.82795	0.5185
35.293	39.59473	0.5185
35.313	34.36151	0.5171
35.335	29.22703	0.5171
35.361	23.99381	0.5144
35.475	29.22703	0.5077

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.47	342.1837	1.9052
131.99	343.9627	1.9146
132.63	347.9848	1.9214
133.24	351.9295	1.9308
133.99	355.6421	1.9416
134.35	351.6201	1.9484
134.54	355.6421	1.9497
134.66	359.6642	1.9511
135.66	363.6089	1.9659
135.99	365.4652	1.9713
136.36	361.4432	1.9767
136.51	365.4652	1.9781
136.64	369.4099	1.9794
137.52	373.432	1.9929
137.99	373.896	2.001
138.64	377.9181	2.0078
139.54	381.8628	2.0226
139.99	382.0948	2.028
140.35	378.0728	2.0348
140.39	374.0507	2.0361
140.47	370.0287	2.0361
140.57	374.0507	2.0361
140.6	378.0728	2.0348
140.61	382.0948	2.0334
140.63	386.0395	2.0361
141.14	390.0616	2.0456
141.99	392.382	2.0577
142.34	388.36	2.0658
142.38	384.3379	2.0645
142.42	380.3159	2.0658
142.46	376.2938	2.0672
142.52	372.3491	2.0658
142.62	376.3711	2.0631
142.64	380.3159	2.0645
142.65	384.3379	2.0645
142.66	388.36	2.0631
142.68	392.382	2.0631
142.69	396.3267	2.0672
143.54	400.3488	2.0793
143.99	400.8128	2.0874
144.41	396.7908	2.0928
144.56	400.8128	2.0928
144.62	404.7575	2.0942
145.34	408.7796	2.1063
145.99	410.3265	2.1158
146.25	414.2712	2.1198
146.32	410.3265	2.1212
146.57	414.2712	2.1239
146.81	418.2933	2.1266
147.77	422.238	2.1401
147.99	422.7794	2.1442
148.62	426.7241	2.1536
149.21	430.6688	2.1617
149.97	434.6135	2.1739
149.99	434.0721	2.1739

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
249.98	910.0835	3.9691
251.77	916.4943	3.9987
251.98	914.2752	4.0017
253.98	911.5629	4.0327
255.66	917.9737	4.0593
255.98	915.7546	4.0638
257.28	922.2887	4.086
257.98	923.3982	4.0963
259.84	929.809	4.1259
259.98	925.2475	4.1289
260.46	931.4117	4.1362
261.98	932.0281	4.1599
263.42	938.4389	4.1821
263.98	938.8087	4.191
265.98	941.3977	4.2235
267.47	947.8085	4.2472
267.98	946.4524	4.256
269.75	952.8631	4.2841
269.98	950.2742	4.2871
271.93	956.6849	4.3181
271.98	954.5891	4.3196
273.37	960.9999	4.3418
273.98	960.0136	4.3522
275.98	961.8629	4.3817
276.42	968.3969	4.3906
276.59	962.1094	4.3921
277.16	968.7668	4.401
277.98	969.0134	4.4128
279.98	973.205	4.4468
281.35	979.7391	4.466
281.98	980.8486	4.4779
283.98	980.4788	4.5089
285.51	986.8896	4.5326
285.98	984.3006	4.5414
286.46	990.4648	4.5474
286.8	984.1773	4.5548
287.19	990.3415	4.5607
287.98	990.5881	4.5725
289.8	996.9989	4.6021
289.98	994.4099	4.605
291.98	999.0947	4.6376
293.98	1002.916	4.6686
295.8	1009.204	4.6967
295.98	1007.108	4.6982
297.93	1013.396	4.7293
297.98	1013.026	4.7307
299.98	1015.615	4.7633
301.77	1021.902	4.7914
301.98	1016.478	4.7958
302.53	1023.012	4.8032
303.98	1024.368	4.8269
305.97	1028.19	4.8579
307.97	1030.779	4.889
309.48	1037.066	4.9141
309.97	1034.601	4.9215

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.62	570.9331	1.8811
117.68	558.8253	1.8825
117.87	570.9331	1.8796
117.9	583.041	1.8811
117.94	595.1489	1.8855
117.99	595.8474	1.887
119.99	600.5043	1.918
121.99	601.2028	1.9491
123.99	606.5582	1.9816
125.99	604.9283	2.0127
127.59	592.5876	2.0408
127.63	580.4797	2.0408
127.7	568.3719	2.0437
127.75	556.4968	2.0422
127.98	568.3719	2.0422
127.99	572.563	2.0393
128.02	584.6709	2.0408
128.04	596.546	2.0393
128.06	608.6538	2.0408
128.08	620.7617	2.0437
129.62	608.421	2.0733
129.67	596.3131	2.0733
129.72	584.4381	2.0748
129.8	572.3302	2.0733
129.9	584.4381	2.0748
129.94	596.546	2.0703
129.97	608.421	2.0718
129.99	615.6392	2.0718
130.01	627.747	2.0733
130.04	639.8549	2.0763
131.67	627.5142	2.1029
131.81	639.6221	2.1044
131.99	641.252	2.1103
133.56	628.9113	2.1354
133.62	617.0362	2.1369
133.67	604.9283	2.1384
133.72	592.8205	2.1384
133.8	580.7126	2.1384
133.97	592.8205	2.1369
133.99	600.0386	2.1369
134.01	612.1465	2.1369
134.04	624.2544	2.1354
134.06	636.1294	2.1339
134.07	648.2373	2.1354
134.11	660.3452	2.1413
134.66	648.2373	2.1502
134.83	636.1294	2.1546
135.64	624.0215	2.1679
135.72	611.9137	2.1694
135.8	599.8058	2.1709
135.88	587.6979	2.1709
135.95	599.8058	2.1694
135.99	611.9137	2.1679
135.99	612.6122	2.1679
136.02	624.7201	2.1665

UCS Test Results, Stage Two

S3-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
35.485	34.36151	0.5117
35.505	39.59473	0.509
35.524	44.82795	0.5063
35.537	49.96243	0.505
35.549	55.19565	0.5077
35.565	60.33013	0.5063
35.576	65.56334	0.509
35.589	70.79656	0.5077
35.997	73.16632	0.5185
37.224	67.9331	0.5455
37.238	62.79863	0.5441
37.251	57.56541	0.5455
37.261	52.43093	0.5468
37.277	47.19771	0.5482
37.293	41.96449	0.5482
37.312	36.83001	0.5482
37.332	31.59679	0.5455
37.355	26.46231	0.5441
37.479	31.59679	0.5428
37.493	36.83001	0.5414
37.521	41.96449	0.536
37.533	47.19771	0.536
37.546	52.43093	0.536
37.557	57.56541	0.536
37.56	62.79863	0.5374
37.565	67.9331	0.5401
37.584	73.16632	0.5374
37.997	74.25246	0.5495
39.1	79.38694	0.5671
39.206	74.15372	0.5711
39.219	69.01924	0.5738
39.23	63.78603	0.5738
39.248	58.65155	0.5738
39.262	53.41833	0.5752
39.282	48.18511	0.5752
39.301	43.05063	0.5752
39.324	37.81741	0.5765
39.35	32.68293	0.5738
39.382	27.44971	0.5738
39.467	32.68293	0.5684
39.48	37.81741	0.5698
39.509	43.05063	0.5657
39.52	48.18511	0.5657
39.539	53.41833	0.5684
39.553	58.65155	0.5617
39.563	63.78603	0.5644
39.579	69.01924	0.5644
39.592	74.15372	0.5684
39.644	79.38694	0.5765
39.997	77.3134	0.5806
41.214	72.08018	0.6022
41.227	66.9457	0.6035
41.24	61.71249	0.6035
41.254	56.47927	0.6035
41.268	51.34479	0.6049

S3-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
150.65	438.0168	2.1833
151.45	442.0389	2.1955
151.99	444.3593	2.2022
152.46	440.3372	2.209
152.56	444.3593	2.2076
152.67	448.304	2.2117
153.55	452.2487	2.2252
153.99	453.5636	2.2319
154.42	449.5415	2.24
154.49	453.5636	2.2373
154.63	457.5083	2.24
155.45	461.453	2.2522
155.95	465.475	2.2603
155.99	463.5414	2.2616
156.56	467.5634	2.2684
157.03	471.5081	2.2751
157.99	473.5965	2.2886
158.32	469.5744	2.2954
158.47	473.5191	2.2967
158.56	477.5412	2.2967
159.19	481.4859	2.3062
159.99	484.8892	2.3183
160.36	480.8671	2.3224
160.37	476.8451	2.3251
160.37	472.9004	2.3251
160.39	468.8783	2.3251
160.57	472.9004	2.3251
160.58	476.8451	2.3251
160.61	480.8671	2.3237
160.62	484.8892	2.3251
160.64	488.8339	2.3278
161.99	487.3643	2.348
162.34	483.3422	2.3548
162.39	479.3975	2.3548
162.43	475.3755	2.3548
162.47	471.3534	2.3548
162.59	475.3755	2.3534
162.6	479.3975	2.3521
162.62	483.3422	2.3534
162.63	487.3643	2.3548
162.66	491.3863	2.3575
163.02	487.2869	2.3642
163.16	483.3422	2.3642
163.78	487.2869	2.3737
163.99	485.1212	2.3764
164.41	481.0992	2.3845
164.51	485.1212	2.3845
164.55	489.0659	2.3858
164.87	493.088	2.3885
165.91	496.9553	2.4034
165.99	495.099	2.4047
166.21	499.0437	2.4101
166.3	495.099	2.4128
166.55	499.0437	2.4142
166.69	503.0658	2.4169

S4-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
311.97	1038.299	4.9526
313.97	1042.491	4.9851
315.97	1040.518	5.0176
317.97	1041.381	5.0487
319.97	1039.409	5.0812
321.97	1041.135	5.1123
323.97	1041.998	5.1448
325.97	1044.587	5.1744
327.97	1046.313	5.2069
329.6	1052.6	5.2335
329.97	1052.107	5.2394
331.97	1052.107	5.272
333.25	1045.326	5.2927
333.25	1039.162	5.2927
333.26	1032.998	5.2927
333.27	1026.834	5.2927
333.3	1020.669	5.2927
333.33	1014.505	5.2927
333.4	1008.218	5.2942
333.48	1002.054	5.2956
333.6	995.8893	5.2971
333.86	989.6018	5.3001
333.97	989.232	5.3045
333.98	983.0677	5.303
333.98	976.7803	5.3045
334.01	970.616	5.3045
334.18	976.9035	5.303
334.23	983.4376	5.3045
334.42	989.9717	5.3075
335.97	990.0949	5.3356
336.96	996.5057	5.3489
337.97	997.9851	5.3651
338.98	1004.396	5.3814
339.35	998.2317	5.3873
339.97	1003.41	5.3977
341.48	1009.82	5.4213
341.97	1009.327	5.4302
343.47	1015.615	5.4524
343.97	1014.259	5.4598
345.97	1016.354	5.4923
347.72	1009.944	5.5204
347.97	1012.779	5.5249
349.97	1012.903	5.5559
351.97	1014.998	5.5884
353.97	1014.259	5.621
355.97	1014.259	5.652
356.31	1008.094	5.6579
357.74	1014.382	5.6801
357.97	1009.82	5.6846
359.97	1005.752	5.7156
360.46	1012.286	5.7215
360.51	1006.122	5.7245
361.14	1012.533	5.7334
361.97	1009.574	5.7467
363.97	1006.738	5.7792

S4-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
136.05	636.8279	2.1709
136.15	648.9358	2.1753
137.54	636.5951	2.196
137.61	624.4872	2.2005
137.69	612.6122	2.202
137.82	624.4872	2.1975
137.85	636.5951	2.196
137.89	648.703	2.202
137.99	652.6613	2.2034
139.62	640.5535	2.2301
139.7	628.4456	2.2301
139.77	640.5535	2.2286
139.81	652.4285	2.2315
139.99	654.0584	2.236
141.32	665.9334	2.2552
141.66	653.8256	2.2611
141.78	665.9334	2.2626
141.99	669.1932	2.267
143.87	680.8354	2.2966
143.99	678.507	2.2981
145.99	683.8624	2.3291
147.61	671.7545	2.3572
147.79	683.6296	2.3558
147.8	696.436	2.3587
147.84	684.3281	2.3646
147.86	672.4531	2.3661
147.88	660.3452	2.3646
147.91	648.4701	2.3661
147.94	636.3623	2.3676
147.96	624.2544	2.3676
147.98	612.1465	2.3691
147.99	606.5582	2.3705
148.01	594.6832	2.3691
148.04	582.5753	2.3676
148.19	594.6832	2.3646
148.21	606.5582	2.3631
148.24	618.6661	2.3617
148.27	630.774	2.3617
148.29	642.8819	2.3617
148.3	654.7569	2.3602
148.32	666.8648	2.3587
148.33	678.7398	2.3602
148.34	690.8477	2.3617
148.37	702.9556	2.3676
149.56	690.6149	2.3898
149.79	702.7228	2.3898
149.99	699.4629	2.3942
151.83	711.338	2.4238
151.99	709.7081	2.4267
153.6	697.3674	2.4548
153.64	685.4923	2.4534
153.68	673.3844	2.4534
153.77	685.4923	2.4519
153.79	697.3674	2.4504
153.81	709.4752	2.4504

UCS Test Results, Stage Two

S3-1		7 days	S3-2		7 days	S4-1		7 days	S4-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
41.286	46.11157	0.6049	166.78	499.0437	2.4155	365.97	1007.231	5.8103	153.85	721.3503	2.4548
41.304	40.97709	0.6049	166.91	502.9884	2.4196	366.55	1013.765	5.8177	153.99	722.2816	2.4563
41.319	35.74387	0.6049	167.49	506.9331	2.4277	366.59	1007.478	5.8221	155.59	709.9409	2.4844
41.347	30.51065	0.6049	167.99	507.4745	2.4358	367.97	1004.889	5.8398	155.79	722.0488	2.4829
41.478	35.74387	0.5981	168.33	503.4525	2.4412	368.2	1011.423	5.8458	155.99	729.9655	2.4888
41.504	40.97709	0.5968	168.36	499.4304	2.4426	369.22	1005.012	5.8635	157.83	741.8405	2.5184
41.515	46.11157	0.5954	168.4	495.4084	2.4426	369.97	1004.519	5.8739	157.99	740.9092	2.5214
41.531	51.34479	0.5927	168.42	491.4637	2.4426	371.22	998.1084	5.8946	159.6	728.8013	2.5465
41.542	56.47927	0.5914	168.44	487.4416	2.4439	371.97	999.7111	5.9049	159.78	740.6763	2.548
41.556	61.71249	0.5941	168.47	483.4969	2.4439	373.97	998.9714	5.9374	159.99	739.9778	2.5524
41.566	66.9457	0.5927	168.5	479.4749	2.4439	375.97	1001.437	5.97	161.9	751.62	2.5835
41.578	72.08018	0.5927	168.53	475.4528	2.4426	377.97	999.0947	6.0025	161.99	749.2915	2.585
41.597	77.3134	0.5968	168.65	479.4749	2.4426	379.38	992.6839	6.0232	163.99	755.3455	2.616
41.997	79.68316	0.6103	168.67	483.4969	2.4426	379.97	994.6565	6.0336	165.51	743.2376	2.6426
43.214	74.44994	0.6306	168.68	487.4416	2.4412	381.88	988.2457	6.0631	165.57	731.3626	2.6441
43.233	69.31546	0.6319	168.69	491.4637	2.4399	381.97	991.9442	6.0631	165.61	719.2547	2.6471
43.245	64.08225	0.6333	168.7	495.4857	2.4385	383.1	985.5334	6.0838	165.63	707.3796	2.6441
43.255	58.94777	0.6333	168.71	499.4304	2.4399	383.97	985.4101	6.0972	165.68	695.2718	2.6471
43.271	53.71455	0.6319	168.73	503.4525	2.4399	385.97	981.8349	6.1282	165.72	683.1639	2.6441
43.287	48.58007	0.6346	168.74	507.3972	2.4439	387.97	981.8349	6.1593	165.82	695.2718	2.6441
43.306	43.34685	0.6346	168.76	511.4192	2.4439	389.97	983.191	6.1903	165.84	707.3796	2.6441
43.325	38.11363	0.636	168.89	515.3639	2.4466	390.62	977.0268	6.2007	165.86	719.2547	2.6426
43.345	32.97915	0.6319	169.99	515.2866	2.4628	391.07	983.4376	6.2095	165.87	731.3626	2.6412
43.475	38.11363	0.6292	170.61	519.2313	2.4709	391.52	977.2734	6.2155	165.89	743.2376	2.6412
43.504	43.34685	0.6238	170.91	523.176	2.4763	391.97	980.3555	6.2229	165.92	755.3455	2.6441
43.515	48.58007	0.6238	171.81	527.1207	2.4898	393.64	973.9447	6.251	165.95	767.2205	2.6471
43.531	53.71455	0.6225	171.99	526.8113	2.4925	393.97	977.6432	6.2539	165.99	766.2891	2.6486
43.545	58.94777	0.6238	172.31	522.8666	2.4979	395.97	972.342	6.2879	167.57	754.1813	2.6752
43.557	64.08225	0.6211	172.39	518.8446	2.5006	396.42	978.8761	6.2953	167.76	766.2891	2.6752
43.57	69.31546	0.6225	172.54	522.8666	2.4966	396.7	972.7119	6.2998	167.99	770.2475	2.6796
43.582	74.44994	0.6225	172.55	526.8113	2.4993	397.97	971.7256	6.3175	169.84	781.8897	2.7092
43.597	79.68316	0.6265	172.61	530.8334	2.4993	398.74	965.4381	6.3293	169.99	777	2.7121
43.996	81.7567	0.636	173.99	533.8499	2.5222	399.2	959.2739	6.3382	171.42	788.875	2.7343
45.219	76.52348	0.6589	174.39	529.8279	2.529	399.97	959.1506	6.35	171.49	777	2.7358
45.229	71.389	0.6603	174.51	533.8499	2.529	400.28	952.9864	6.3559	171.57	764.8921	2.7388
45.243	66.15578	0.6603	174.56	537.7946	2.5303	400.57	959.3972	6.3589	171.61	753.017	2.7388
45.26	61.02131	0.6603	175.3	541.7393	2.5398	401.38	953.233	6.3737	171.64	740.9092	2.7402
45.272	55.78809	0.6643	175.99	544.9106	2.5506	401.97	951.8769	6.3811	171.68	729.0341	2.7402
45.291	50.55487	0.663	176.33	540.8885	2.5573	403.36	945.5894	6.4033	171.81	740.9092	2.7388
45.306	45.42039	0.6643	176.4	536.8664	2.5573	403.97	945.8359	6.4136	171.82	753.017	2.7358
45.325	40.18717	0.663	176.45	532.9217	2.5573	405.97	943.4935	6.4462	171.84	764.8921	2.7358
45.347	35.05269	0.6616	176.55	536.8664	2.5573	406.32	936.9595	6.4521	171.86	777	2.7373
45.474	40.18717	0.6576	176.56	540.8885	2.5587	406.38	943.4935	6.4506	171.89	788.875	2.7402
45.502	45.42039	0.6535	176.59	544.8332	2.5573	407.97	946.8222	6.4772	171.99	791.902	2.7432
45.515	50.55487	0.6535	176.62	548.8553	2.5587	408.84	940.5347	6.492	173.66	779.7941	2.7698
45.531	55.78809	0.6522	177.22	552.7226	2.5695	409.97	935.9732	6.5083	173.74	791.902	2.7698
45.542	61.02131	0.6508	177.29	548.7779	2.5695	410.32	929.809	6.5157	173.99	797.2574	2.7757
45.554	66.15578	0.6508	177.4	552.7226	2.5695	410.37	936.3431	6.5127	175.59	785.1495	2.8009
45.564	71.389	0.6522	177.99	553.7281	2.5789	411.32	930.0556	6.5304	175.68	773.2744	2.8024
45.577	76.52348	0.6508	178.35	549.7061	2.5843	411.97	929.5624	6.5423	175.76	785.1495	2.7994
45.594	81.7567	0.6562	178.51	553.7281	2.5857	412.5	922.9051	6.5497	175.78	797.0245	2.8009
45.996	84.52142	0.6657	178.62	557.6728	2.5884	413.97	921.0558	6.5719	175.99	804.2427	2.8068
47.217	79.2882	0.69	179.5	561.6175	2.6019	415.97	918.3436	6.6044	177.99	809.5981	2.8378
47.227	74.05498	0.6886	179.99	563.1645	2.6086	417.97	916.371	6.6369	179.99	814.0221	2.8704
47.24	68.9205	0.6913	180.33	559.1424	2.614	418.26	909.837	6.6428	181.99	813.0907	2.9029

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
47.251	63.68729	0.6913
47.268	58.55281	0.6913
47.285	53.31959	0.6913
47.301	48.18511	0.6927
47.321	42.95189	0.6913
47.342	37.81741	0.69
47.384	32.58419	0.6873
47.459	37.81741	0.6819
47.47	42.95189	0.6859
47.49	48.18511	0.6846
47.508	53.31959	0.6832
47.52	58.55281	0.6805
47.534	63.68729	0.6778
47.547	68.9205	0.6805
47.557	74.15372	0.6805
47.57	79.2882	0.6805
47.582	84.52142	0.6846
47.996	88.6685	0.6967
49.206	83.43528	0.7156
49.222	78.20206	0.717
49.235	73.06758	0.7197
49.246	67.83436	0.7183
49.263	62.69989	0.7183
49.28	57.46667	0.721
49.298	52.33219	0.7224
49.316	47.09897	0.721
49.331	41.96449	0.721
49.36	36.73127	0.7183
49.455	41.96449	0.7143
49.475	47.09897	0.7143
49.491	52.33219	0.7116
49.499	57.46667	0.7089
49.516	62.69989	0.7102
49.528	67.83436	0.7075
49.538	73.06758	0.7075
49.55	78.20206	0.7062
49.56	83.43528	0.7116
49.579	88.56976	0.717
49.996	89.6559	0.7251
51.234	84.42268	0.744
51.264	79.2882	0.748
51.285	74.05498	0.7467
51.308	68.9205	0.748
51.329	63.68729	0.7494
51.354	58.55281	0.748
51.376	53.31959	0.7521
51.396	48.18511	0.7507
51.423	42.95189	0.748
51.503	48.18511	0.7413
51.514	53.31959	0.7413
51.525	58.55281	0.7399
51.535	63.68729	0.7426
51.554	68.9205	0.7399
51.568	74.05498	0.7399
51.584	79.2882	0.7399

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
180.52	563.0871	2.6181
180.72	567.1092	2.6194
181.99	569.1202	2.637
182.63	573.0649	2.6451
183.5	576.9323	2.6599
183.99	576.9323	2.6653
184.23	580.877	2.6694
184.31	576.8549	2.6707
184.54	580.7996	2.6734
185.09	584.7443	2.6815
185.98	587.0647	2.695
186.28	583.0427	2.7018
186.32	579.098	2.7018
186.39	575.0759	2.7031
186.47	571.1312	2.7031
186.55	575.0759	2.7031
186.58	579.098	2.7004
186.59	583.0427	2.7018
186.61	586.9874	2.7045
187.37	590.9321	2.7153
187.98	593.2525	2.7261
188.61	597.1972	2.7328
189.28	601.1419	2.7437
189.98	600.5231	2.7545
190.36	596.5011	2.7585
190.54	600.4458	2.7599
190.61	604.4678	2.7626
191.98	603.7717	2.7828
192.29	599.7497	2.7882
192.38	595.805	2.7882
192.5	599.7497	2.7869
192.54	603.7717	2.7896
192.8	607.7164	2.795
193.73	611.5838	2.8071
193.98	611.0423	2.8112
194.6	614.9871	2.8193
195.17	618.8544	2.8274
195.98	620.092	2.8409
196.34	616.0699	2.8476
196.52	620.092	2.8449
196.54	624.0367	2.849
197.96	628.1361	2.8679
197.98	627.3626	2.8692
198.31	623.3405	2.8746
198.37	619.3958	2.876
198.42	615.3738	2.876
198.57	619.3958	2.876
198.58	623.3405	2.8733
198.6	627.2852	2.876
198.62	631.3073	2.8773
199.98	633.0089	2.8976
200.38	628.9869	2.9043
200.53	633.0089	2.903
200.61	636.9536	2.907
201.98	639.6608	2.9273

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
419.97	910.8232	6.6695
421.97	906.8781	6.699
422.28	900.3441	6.7049
423.38	894.0566	6.7227
423.43	900.5907	6.7227
423.64	894.0566	6.7271
423.96	896.0291	6.7301
424.3	889.4951	6.7375
424.35	895.9059	6.736
424.98	889.7416	6.7478
425.96	890.4814	6.7641
427.6	884.0706	6.7892
427.96	885.6733	6.7952
429.38	879.3858	6.8173
429.96	880.4953	6.8262
431.96	875.8105	6.8573
433.96	873.4681	6.8898
434.29	866.9341	6.8972
434.38	873.3449	6.8942
435.07	867.1807	6.909
435.76	860.6466	6.9179
435.96	862.2493	6.9209
436.27	855.7152	6.9282
436.39	862.126	6.9268
437.25	855.9618	6.9416
437.96	857.4412	6.9534
439.41	851.1537	6.977
439.96	850.2907	6.9844
440.28	843.7567	6.9904
440.35	850.2907	6.9889
441.13	844.0032	7.0037
441.96	844.3731	7.017
442.27	837.839	7.0229
443.96	833.5241	7.0495
444.29	826.99	7.0539
444.38	833.5241	7.0539
445.29	827.2366	7.0687
445.96	828.3461	7.0806
447	822.1819	7.0968
447.96	822.0587	7.1116
449.46	815.7712	7.1368
449.96	816.141	7.1442
450.3	809.607	7.1486
450.38	816.141	7.1486
451.06	814.415	7.1604

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.58	800.75	2.9295
183.72	812.8579	2.9281
183.99	813.5564	2.9354
185.49	801.4486	2.9576
185.98	805.4069	2.965
187.3	817.0491	2.9857
187.59	805.1741	2.9931
187.78	817.0491	2.9916
187.98	818.679	2.9961
189.47	806.3383	3.0227
189.56	794.4632	3.0242
189.63	782.5882	3.0242
189.74	794.4632	3.0227
189.77	806.3383	3.0227
189.98	811.228	3.0301
191.83	822.8702	3.0582
191.98	821.2403	3.0626
193.95	832.8825	3.0907
193.98	831.2526	3.0937
195.5	819.1447	3.1173
195.58	807.2697	3.1203
195.63	795.3946	3.1188
195.75	807.2697	3.1173
195.77	819.1447	3.1159
195.8	831.0197	3.1188
195.98	832.6496	3.1247
197.48	820.5418	3.1514
197.5	808.6667	3.1499
197.54	796.5588	3.1499
197.56	784.6838	3.1528
197.58	772.8088	3.1528
197.6	760.9337	3.1528
197.63	748.8258	3.1543
197.65	736.9508	3.1558
197.68	725.0758	3.1558
197.71	713.2007	3.1528
197.74	701.0929	3.1558
197.95	713.2007	3.1528
197.97	725.0758	3.1543
197.98	730.664	3.1528
198	742.5391	3.1543
198.01	754.4141	3.1514
198.03	766.2891	3.1528
198.04	778.397	3.1514
198.05	790.2721	3.1514
198.07	802.1471	3.1499
198.08	814.255	3.1484
198.09	826.13	3.1484
198.11	838.005	3.1528
198.13	849.8801	3.1558
198.59	837.7722	3.1661
199.49	825.8972	3.1809
199.56	813.7893	3.1824
199.6	801.9142	3.1839
199.66	790.0392	3.1839

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
51.595	84.42268	0.7399
51.615	89.6559	0.7426
51.64	94.79038	0.7453
51.996	92.42062	0.7548
53.209	87.1874	0.775
53.228	81.95418	0.7737
53.244	76.8197	0.7777
53.261	71.58648	0.7764
53.281	66.452	0.7777
53.302	61.21879	0.7791
53.321	56.08431	0.7777
53.338	50.85109	0.7804
53.356	45.71661	0.7777
53.385	40.48339	0.7764
53.46	45.71661	0.7696
53.47	50.85109	0.7723
53.492	56.08431	0.7683
53.504	61.21879	0.7669
53.515	66.452	0.7669
53.531	71.58648	0.7669
53.543	76.8197	0.7656
53.554	81.95418	0.7656
53.567	87.1874	0.7669
53.583	92.32188	0.771
53.996	92.71684	0.7804
54.495	97.85132	0.7872
54.602	92.71684	0.7912
54.775	97.85132	0.7926
55.209	92.71684	0.8047
55.228	87.48362	0.8061
55.242	82.34914	0.8061
55.259	77.11592	0.8047
55.281	71.98144	0.8088
55.299	66.74822	0.8061
55.318	61.61375	0.8074
55.333	56.38053	0.8088
55.35	51.24605	0.8074
55.369	46.01283	0.8074
55.405	40.87835	0.8034
55.46	46.01283	0.798
55.47	51.24605	0.802
55.492	56.38053	0.798
55.507	61.61375	0.798
55.517	66.74822	0.7966
55.531	71.98144	0.7966
55.542	77.11592	0.7953
55.554	82.34914	0.7953
55.569	87.48362	0.798
55.58	92.71684	0.798
55.601	97.85132	0.8034
55.995	96.76518	0.8128
57.215	91.6307	0.8344
57.227	86.39748	0.8331
57.247	81.263	0.8344
57.264	76.02978	0.8331

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.27	635.7161	2.9327
202.54	639.6608	2.9354
203.32	643.5281	2.9462
203.98	642.9094	2.957
204.31	638.9647	2.961
204.53	642.9094	2.9637
204.63	646.8541	2.9651
205.98	648.0916	2.984
206.39	644.0696	2.9907
206.48	648.0143	2.9921
206.62	651.959	2.9948
207.78	655.8263	3.0096
207.98	654.9755	3.0137
208.37	651.0308	3.0204
208.52	654.9755	3.0204
208.6	658.9202	3.0231
209.98	659.307	3.0421
210.32	655.2849	3.0502
210.41	651.3402	3.0488
210.51	655.2849	3.0488
210.54	659.2296	3.0502
211.98	659.9257	3.0718
212.32	655.9037	3.0785
212.57	659.8484	3.0785
213.57	663.9478	3.0947
213.98	662.6329	3.1015
214.36	658.6108	3.1069
214.55	662.5555	3.1082
214.59	666.5002	3.1109
215.98	667.4284	3.1298
216.36	663.4064	3.1366
216.53	667.4284	3.1366
216.61	671.3731	3.1379
217.04	667.3511	3.146
217.98	668.5886	3.1595
218.33	664.5666	3.1649
218.52	668.5113	3.1663
218.62	672.456	3.1676
219.98	673.3841	3.1879
220.32	669.3621	3.1919
220.53	673.3068	3.196
220.95	677.2515	3.2027
221.98	677.0968	3.2176
222.59	681.0415	3.2243
223.98	680.6548	3.2459
224.34	676.6327	3.2513
224.54	680.5774	3.254
225.98	680.1907	3.2743
226.57	684.058	3.2824
227.98	686.5332	3.304
228.31	682.5884	3.308
228.41	686.5332	3.3107
228.58	690.4779	3.3121
229.98	690.3232	3.3323
230.61	694.1905	3.3418

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
199.77	801.9142	3.1824
199.78	813.7893	3.1795
199.79	825.8972	3.1809
199.83	837.7722	3.1839
199.98	842.4291	3.1883
201.98	849.4144	3.2194
203.53	837.0737	3.246
203.58	825.1986	3.246
203.65	813.3236	3.2475
203.75	825.1986	3.246
203.77	837.0737	3.2445
203.79	849.1815	3.243
203.84	861.0566	3.249
203.98	863.385	3.2519
205.98	868.5076	3.2844
207.98	874.5615	3.3155
209.98	876.89	3.3466
211.98	883.6424	3.3776
213.53	871.5346	3.4042
213.59	859.6595	3.4057
213.63	847.7845	3.4072
213.76	859.6595	3.4042
213.77	871.5346	3.4013
213.78	883.4096	3.4013
213.87	895.2846	3.4072
213.98	890.3949	3.4101
215.98	889.4635	3.4412
217.98	896.216	3.4737
219.98	900.64	3.5048
221.98	906.694	3.5373
223.98	912.0494	3.5684
225.5	899.9415	3.595
225.53	888.0665	3.5935
225.56	876.1914	3.595
225.59	864.3164	3.595
225.62	852.4414	3.5965
225.65	840.5663	3.598
225.67	828.6913	3.598
225.72	816.8163	3.5965
225.83	828.6913	3.5965
225.86	840.5663	3.5965
225.88	852.4414	3.595
225.89	864.3164	3.595
225.91	876.1914	3.595
225.92	888.0665	3.5935
225.93	899.9415	3.595
225.94	911.8165	3.5935
225.97	923.4587	3.5994
225.98	923.4587	3.5994
227.55	911.3509	3.6261
227.74	923.2259	3.6275
227.98	924.8558	3.6305
229.98	929.2798	3.6645
231.47	917.172	3.6882
231.62	929.047	3.6896

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
57.278	70.8953	0.8358
57.298	65.66208	0.8371
57.318	60.52761	0.8385
57.338	55.39313	0.8358
57.357	50.15991	0.8358
57.399	45.02543	0.8331
57.466	50.15991	0.8304
57.485	55.39313	0.8277
57.494	60.52761	0.8277
57.505	65.66208	0.8263
57.514	70.8953	0.825
57.528	76.02978	0.8236
57.539	81.263	0.8236
57.55	86.39748	0.8236
57.561	91.6307	0.8236
57.572	96.76518	0.825
57.591	101.9984	0.8317
57.995	99.92486	0.8425
59.068	105.0593	0.8574
59.198	99.82612	0.8614
59.212	94.69164	0.8628
59.224	89.45842	0.8641
59.239	84.32394	0.8641
59.253	79.18946	0.8641
59.264	73.95624	0.8668
59.282	68.82176	0.8655
59.295	63.58855	0.8682
59.311	58.45407	0.8668
59.324	53.22085	0.8655
59.345	48.08637	0.8628
59.455	53.22085	0.8587
59.477	58.45407	0.8533
59.488	63.58855	0.8533
59.497	68.82176	0.8533
59.508	73.95624	0.8547
59.523	79.18946	0.8533
59.534	84.32394	0.8547
59.546	89.55716	0.8533
59.556	94.69164	0.8547
59.567	99.92486	0.856
59.608	105.0593	0.8628
59.995	102.9858	0.8709
61.22	97.75258	0.8925
61.232	92.6181	0.8925
61.246	87.38488	0.8911
61.26	82.2504	0.8911
61.28	77.01718	0.8938
61.301	71.8827	0.8925
61.32	66.74822	0.8938
61.34	61.51501	0.8938
61.361	56.38053	0.8938
61.397	51.14731	0.8911
61.487	56.38053	0.8844
61.495	61.51501	0.883
61.504	66.74822	0.883

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
231.98	692.7209	3.3621
232.35	688.6989	3.3688
232.4	684.7542	3.3688
232.52	688.7762	3.3661
232.54	692.6436	3.3702
232.59	696.5883	3.3702
233.98	695.6601	3.3918
234.29	691.7154	3.3958
234.58	695.5828	3.3999
235.98	697.8258	3.4201
236.29	693.8811	3.4255
236.37	689.8591	3.4269
236.48	693.8811	3.4255
236.52	697.7485	3.4282
236.74	701.6932	3.4309
236.87	697.7485	3.4323
237.41	701.6158	3.4404
237.74	697.6711	3.4458
237.98	699.7595	3.4498
238.29	695.7375	3.4552
238.39	691.7928	3.4539
238.5	695.7375	3.4525
238.58	699.6822	3.4579
239.98	698.986	3.4782
240.6	702.8534	3.4876
241.98	704.8644	3.5065
242.2	700.8424	3.5106
242.61	704.7871	3.516
243.98	707.2622	3.5362
244.34	703.2401	3.543
244.51	707.1848	3.543
245.98	709.1959	3.5646
246.59	713.0632	3.5727
247.98	713.1406	3.5943
248.28	709.1959	3.5983
248.37	705.2512	3.5997
248.49	709.1959	3.601
248.57	713.0632	3.601
249.98	713.45	3.624
250.38	709.5052	3.628
250.45	713.3726	3.6307
250.61	717.3173	3.6307
250.98	713.3726	3.6375
251.98	714.8422	3.651
252.64	718.7096	3.6605
253.42	714.6875	3.6726
253.84	718.5549	3.6794
253.98	717.24	3.6807
254.3	713.2179	3.6875
254.51	717.1626	3.6875
255.26	721.3394	3.6996
255.98	719.9471	3.7104
256.27	715.9251	3.7145
256.33	711.9804	3.7145
256.48	715.9251	3.7172

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
231.98	927.4171	3.697
232.8	939.0593	3.7089
233.49	927.1842	3.7207
233.61	915.3092	3.7222
233.69	927.1842	3.7192
233.74	939.0593	3.7207
233.98	939.7578	3.7281
235.98	943.4833	3.7591
237.98	947.9073	3.7902
239.52	935.7995	3.8168
239.73	947.4417	3.8168
239.98	946.7431	3.8227
241.47	934.6352	3.8479
241.98	938.5936	3.8553
243.48	926.4857	3.8804
243.55	914.6107	3.8804
243.69	926.4857	3.8804
243.73	938.3607	3.8789
243.98	939.7578	3.8863
245.5	927.6499	3.9115
245.58	915.7749	3.9115
245.69	927.6499	3.9115
245.73	939.525	3.9115
245.98	943.4833	3.9174
247.98	949.3044	3.9499
249.98	951.4	3.9824
251.53	939.2921	4.0061
251.8	951.1672	4.0105
251.98	947.2088	4.012
253.98	949.3044	4.0446
255.98	944.1818	4.0771
256.62	932.3068	4.0874
257.47	920.4318	4.1022
257.55	908.5567	4.1022
257.6	896.6817	4.1022
257.69	908.5567	4.1022
257.72	920.4318	4.1008
257.76	932.074	4.1052
257.98	926.4857	4.1081
259.47	914.6107	4.1333
259.98	922.993	4.1407
261.98	929.047	4.1703
263.47	917.172	4.1969
263.7	928.8141	4.1984
263.98	925.5543	4.2028
265.98	927.6499	4.2353
267.54	915.542	4.2619
267.68	927.4171	4.259
267.98	933.7039	4.2679
269.98	943.4833	4.2989
271.98	944.8804	4.33
273.47	932.7725	4.3551
273.76	944.6475	4.3581
273.98	943.7162	4.364
274.81	931.8411	4.3758

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
61.513	71.8827	0.8844
61.526	77.01718	0.8844
61.542	82.2504	0.883
61.552	87.38488	0.8844
61.564	92.6181	0.8844
61.574	97.75258	0.883
61.587	102.9858	0.883
61.606	108.1203	0.8884
61.995	106.343	0.8979
63.218	101.2085	0.9182
63.241	95.97526	0.9222
63.256	90.84078	0.9182
63.277	85.7063	0.9209
63.293	80.47308	0.9222
63.309	75.3386	0.9222
63.323	70.10538	0.9263
63.341	64.9709	0.9236
63.36	59.73769	0.9236
63.391	54.60321	0.9209
63.461	59.73769	0.9195
63.487	64.9709	0.9155
63.501	70.10538	0.9128
63.512	75.3386	0.9128
63.526	80.47308	0.9141
63.54	85.7063	0.9128
63.55	90.84078	0.9128
63.562	95.97526	0.9128
63.573	101.2085	0.9128
63.588	106.343	0.9155
63.612	111.5762	0.9195
63.995	108.4165	0.9276
64.966	113.551	0.9411
65.195	108.4165	0.9465
65.215	103.1833	0.9506
65.234	98.0488	0.9492
65.251	92.91432	0.9506
65.27	87.6811	0.9492
65.29	82.54662	0.9546
65.3	77.3134	0.9533
65.317	72.17892	0.9533
65.336	67.04444	0.9519
65.354	61.81123	0.9519
65.377	56.67675	0.9492
65.481	61.81123	0.9438
65.489	67.04444	0.9438
65.503	72.17892	0.9425
65.514	77.3134	0.9411
65.523	82.54662	0.9411
65.535	87.6811	0.9425
65.545	92.91432	0.9411
65.555	98.0488	0.9398
65.565	103.282	0.9411
65.577	108.4165	0.9438
65.598	113.551	0.9479
65.995	112.1686	0.9573

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
256.56	719.8698	3.7172
257.98	720.7206	3.7388
258.59	724.5879	3.7482
259.37	720.5659	3.759
259.7	724.5106	3.7644
259.98	725.2841	3.7671
260.27	721.262	3.7725
260.56	725.2067	3.7752
261.98	726.9084	3.7968
262.27	722.8863	3.8022
262.35	718.9416	3.8036
262.4	714.9969	3.8036
262.5	718.9416	3.8022
262.52	722.8863	3.8036
262.55	726.831	3.8036
262.63	730.7757	3.8063
263.38	726.7537	3.8171
263.45	730.621	3.8184
263.98	728.4553	3.8265
264.28	724.5106	3.8306
264.48	728.4553	3.8319
265.98	728.5326	3.8549
266.3	724.5879	3.8603
266.5	728.4553	3.8616
266.69	732.4	3.8657
267.26	728.3779	3.8738
267.87	732.2453	3.8819
267.98	731.2398	3.8832
268.29	727.2177	3.89
268.51	731.1624	3.8913
269.98	732.3227	3.9129
270.29	728.3006	3.9183
270.51	732.2453	3.921
271.98	732.3227	3.9413
272.29	728.3779	3.948
272.5	732.2453	3.9494
273.98	731.5492	3.971
274.33	727.6045	3.9751
274.57	731.5492	3.9791
275.51	727.4498	3.994
275.6	731.3945	3.994
275.98	730.0796	3.9994
277.98	730.621	4.0291
278.33	726.6763	4.0331
278.56	730.5437	4.0358
278.97	726.599	4.0426
279.11	730.4663	4.0453
279.4	726.5216	4.0493
279.98	726.9857	4.0574
280.26	723.041	4.0615
280.55	726.9857	4.0642
281.12	722.9636	4.0736
281.98	721.8034	4.0871
282.3	717.8587	4.0925
282.51	721.7261	4.0952

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
275.45	919.9661	4.3847
275.82	931.6083	4.3921
275.98	929.9784	4.3936
277.43	918.1033	4.4172
277.84	929.7455	4.4231
277.98	925.7872	4.4261
278.27	913.9121	4.4305
279.47	902.0371	4.4512
279.68	913.9121	4.4512
279.98	919.2675	4.4571
281.46	907.1597	4.4823
281.97	895.5175	4.4897
281.98	897.8459	4.4897
282.35	885.9709	4.4956
283.98	894.3533	4.5207
284.91	882.4782	4.5355
285.47	870.6032	4.5459
285.52	858.7281	4.5459
285.58	847.086	4.5459
285.98	847.086	4.5518
287.85	859.1938	4.5828
287.98	857.7968	4.5843
288.58	845.9217	4.5947
289.98	848.7159	4.6169
291.51	836.8408	4.642
291.66	848.483	4.6405
291.83	860.3581	4.645
291.98	857.0982	4.6494
293.15	869.439	4.6671
293.98	870.836	4.6805
294.38	859.1938	4.6864
294.43	847.3188	4.6878
294.45	835.6766	4.6864
294.46	823.8016	4.6878
294.47	812.1594	4.6878
294.48	800.2843	4.6878
294.49	788.6421	4.6878
294.51	777	4.6893
294.53	765.1249	4.6893
294.57	753.4827	4.6893
294.64	741.6077	4.6908
294.75	729.9655	4.6923
295.42	718.0905	4.7026
295.83	729.7326	4.7085
295.98	729.7326	4.7115
297.98	731.1297	4.744
298.72	742.7719	4.7544
299.98	746.4974	4.7751
301.78	758.8381	4.8032
301.98	757.9068	4.8076
303.98	763.2622	4.8387
305.48	751.1543	4.8638
305.69	763.0293	4.8623
305.97	770.7132	4.8697
307.97	773.5073	4.9023

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
67.223	107.0341	0.9762
67.251	101.8009	0.9789
67.272	96.66644	0.9776
67.286	91.43322	0.9803
67.303	86.29874	0.9803
67.315	81.16426	0.9816
67.334	75.93104	0.9803
67.355	70.79656	0.9816
67.376	65.56334	0.9803
67.397	60.42887	0.9816
67.465	65.56334	0.9776
67.495	70.79656	0.9722
67.505	75.93104	0.9708
67.515	81.16426	0.9695
67.525	86.29874	0.9695
67.537	91.43322	0.9695
67.547	96.66644	0.9708
67.561	101.8009	0.9708
67.572	107.0341	0.9722
67.585	112.1686	0.9735
67.608	117.3031	0.9789
67.931	112.1686	0.9857
67.994	110.7863	0.9857
68.067	115.9207	0.9857
69.211	110.7863	1.0059
69.24	105.553	1.0059
69.26	100.4186	1.0059
69.281	95.28408	1.0086
69.294	90.05086	1.0113
69.312	84.91638	1.0113
69.326	79.68316	1.0113
69.342	74.54868	1.0113
69.363	69.4142	1.0086
69.385	64.18099	1.01
69.437	59.04651	1.0032
69.48	64.18099	1.0019
69.491	69.4142	0.9992
69.502	74.54868	1.0005
69.513	79.7819	0.9992
69.523	84.91638	1.0019
69.535	90.05086	0.9992
69.545	95.28408	0.9992
69.561	100.4186	1.0005
69.572	105.553	1.0005
69.583	110.7863	1.0005
69.594	115.9207	1.0019
69.625	121.0552	1.0073
69.814	115.9207	1.014
69.856	110.7863	1.014
69.908	105.553	1.0154
69.971	100.4186	1.0154
69.994	99.72738	1.014
70.087	104.8619	1.014
70.125	110.0951	1.014
70.149	115.2296	1.0127

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
283.31	717.704	4.106
283.44	721.6487	4.1074
283.98	718.9416	4.1155
284.25	714.9969	4.1209
284.32	711.0522	4.1222
284.47	714.9969	4.1222
285.38	710.9748	4.1357
285.98	713.2953	4.1438
286.23	709.2732	4.1492
286.71	713.1406	4.156
286.78	709.2732	4.156
287.98	707.8036	4.1735
288.28	703.8589	4.1789
288.38	699.9142	4.1803
288.47	703.8589	4.1789
288.49	707.8036	4.1803
288.75	711.671	4.1857
289.98	709.9693	4.2032
290.28	706.0246	4.2073
290.57	709.892	4.2113
291.4	705.8699	4.2221
291.98	706.8754	4.2316
292.28	702.9307	4.2356
292.49	706.7981	4.2397
293.98	705.0965	4.26
294.29	701.1518	4.2654
294.6	705.0191	4.2694
294.97	701.0744	4.2748
295.98	701.2291	4.2897
296.25	697.2844	4.2951
296.35	693.3397	4.2951
296.46	697.2844	4.2951
296.54	701.1518	4.2964
297.93	697.0524	4.318
297.98	697.0524	4.318
298.35	693.1077	4.3234
298.54	697.0524	4.3261
299.59	693.0303	4.3423
299.98	694.0358	4.3477
300.92	698.0579	4.3612
301.01	694.1905	4.3626
301.98	695.6601	4.3761
303.98	694.6546	4.4058
304.34	690.6325	4.4125
304.57	694.5773	4.4125
304.9	690.6325	4.4193
305.15	694.4999	4.422
305.5	690.5552	4.4274
305.97	693.3397	4.4355
306.24	689.4723	4.4368
306.57	693.3397	4.4422
307.04	689.3176	4.4503
307.97	691.0966	4.4638
308.3	687.1519	4.4679
308.43	691.0193	4.4692

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
309.97	782.5882	4.9348
311.97	787.9436	4.9644
313.97	786.0809	4.9954
315.74	798.4216	5.0235
315.97	796.7917	5.0295
317.97	797.9559	5.062
319.89	786.0809	5.0916
319.97	790.0392	5.0916
320.69	778.1642	5.1049
321.06	766.522	5.1093
321.97	771.8774	5.1241
323.97	770.0146	5.1566
325.42	758.1396	5.1803
325.97	766.522	5.1877
327.73	778.8627	5.2158
327.97	775.6029	5.2187
329.05	763.9607	5.2365
329.97	769.0833	5.2498
331.49	757.2082	5.2749
331.68	768.8504	5.2779
331.97	768.1519	5.2823
333.97	764.8921	5.3134
335.97	764.4264	5.3459
337.97	770.4803	5.377
339.19	758.6053	5.3977
339.97	758.6053	5.4095
341.97	763.0293	5.442
343.44	751.1543	5.4627
343.71	763.495	5.4687
343.97	760.468	5.4731
345.48	748.593	5.4982
345.97	756.9754	5.5056
347.97	762.0979	5.5367
349.97	764.1935	5.5692
351.97	768.6176	5.6003
353.47	756.7425	5.6254
353.67	769.3161	5.6254
353.97	774.6715	5.6313
354.84	762.7965	5.6446
355.42	751.1543	5.655
355.97	758.1396	5.6639
357.97	753.9484	5.6949
359.39	742.0734	5.7201
359.97	745.1003	5.7275
361.97	751.1543	5.7585
363.97	751.62	5.791
365.97	753.7156	5.8221
367.97	752.7842	5.8546
369.41	740.9092	5.8783
369.97	748.593	5.8857
371.97	748.3602	5.9182
373.97	748.8258	5.9493
375.97	743.2376	5.9818
377.97	742.0734	6.0143
379.42	730.4312	6.0365

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
70.208	120.364	1.0181
71.209	115.2296	1.0356
71.236	109.9963	1.0343
71.258	104.8619	1.037
71.279	99.72738	1.0383
71.298	94.49416	1.037
71.311	89.35968	1.0383
71.329	84.2252	1.0383
71.348	78.99198	1.0383
71.37	73.8575	1.0383
71.392	68.72302	1.0383
71.435	63.48981	1.0343
71.486	68.72302	1.0329
71.499	73.8575	1.0302
71.512	78.99198	1.0289
71.524	84.2252	1.0302
71.537	89.35968	1.0316
71.547	94.49416	1.0316
71.561	99.72738	1.0289
71.574	104.8619	1.0275
71.585	109.9963	1.0275
71.599	115.2296	1.0302
71.611	120.364	1.0316
71.644	125.4985	1.0383
71.994	123.1288	1.0437
73.205	117.8955	1.0653
73.217	112.7611	1.0653
73.237	107.6266	1.0653
73.253	102.3934	1.0653
73.267	97.25888	1.0694
73.278	92.1244	1.0694
73.293	86.89118	1.0694
73.307	81.7567	1.0694
73.318	76.62222	1.0694
73.337	71.389	1.068
73.357	66.25452	1.0667
73.456	71.389	1.0626
73.469	76.62222	1.0613
73.49	81.7567	1.0572
73.499	86.89118	1.0572
73.508	92.1244	1.0545
73.519	97.25888	1.0559
73.529	102.3934	1.0532
73.539	107.6266	1.0545
73.548	112.7611	1.0559
73.559	117.8955	1.0586
73.564	123.1288	1.0626
73.579	128.2632	1.068
73.608	123.1288	1.068
73.994	125.7947	1.0734
74.068	120.6603	1.0748
74.113	125.8935	1.0707
75.221	120.6603	1.091
75.244	115.5258	1.095
75.276	110.2926	1.0964

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
309.97	691.0966	4.4922
310.28	687.2293	4.4962
310.49	691.0966	4.4989
311.55	687.0746	4.5151
311.73	690.9419	4.5178
311.97	689.8591	4.5205
312.25	685.9144	4.5259
312.62	689.7817	4.53
312.95	685.837	4.5354
313.01	689.7817	4.5367
313.57	685.837	4.5435
313.97	685.2182	4.5502
314.27	681.2735	4.5556
314.48	685.2182	4.557
315.97	686.0691	4.58
316.27	682.1244	4.584
316.48	686.0691	4.5854
317.97	685.0636	4.607
318.29	681.1189	4.6124
318.48	685.0636	4.6151
319.97	683.2846	4.6367
320.27	679.4172	4.6421
320.34	675.4725	4.6434
320.43	679.4172	4.6421
320.47	683.2846	4.6421
321.48	679.2625	4.6596
321.97	678.1797	4.6664
322.28	674.235	4.6718
322.51	678.1023	4.6731
323.18	674.1576	4.6839
323.97	676.4007	4.6961
324.28	672.456	4.7001
324.49	676.3233	4.7028
325.03	672.3786	4.7109
325.31	676.246	4.7136
325.62	672.3013	4.719
325.97	674.0803	4.7244
326.27	670.2129	4.7285
326.38	674.0803	4.7325
326.44	670.1356	4.7312
326.51	674.0803	4.7312
327.97	673.9256	4.7528
328.27	669.9809	4.7582
328.46	673.8482	4.7595
329.97	675.5499	4.7825
330.24	671.6052	4.7865
330.25	667.6604	4.7879
330.25	663.5611	4.7865
330.26	659.6163	4.7892
330.28	655.749	4.7892
330.31	651.8043	4.7906
330.33	647.9369	4.7906
330.35	644.0696	4.7906
330.36	640.1249	4.7919
330.38	636.2575	4.7919

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
379.97	737.1837	6.0439
381.97	742.3062	6.0765
383.97	745.3332	6.1075
385.97	751.1543	6.14
387.97	742.5391	6.1711
389.49	730.664	6.1962
389.97	729.0341	6.2022
391.97	734.1567	6.2347
393.97	734.6224	6.2672
395.97	736.718	6.2983
397.43	725.0758	6.3219
397.97	728.8013	6.3308
399.97	726.24	6.3633
401.97	729.0341	6.3944
403.97	732.0611	6.4254
405.08	720.186	6.4432
405.97	716.2277	6.458
406.66	703.887	6.4683
407.97	711.5708	6.489
409.97	712.0365	6.5216
411.97	712.5022	6.5526
413.39	700.86	6.5748
413.74	713.2007	6.5807
413.97	708.5439	6.5837
414.03	707.6125	6.5852

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
75.293	105.1581	1.0964
75.305	100.0236	1.0964
75.325	94.79038	1.0977
75.342	89.6559	1.0977
75.362	84.52142	1.0964
75.378	79.2882	1.0991
75.397	74.15372	1.0964
75.419	69.01924	1.095
75.481	74.15372	1.0896
75.493	79.2882	1.0883
75.503	84.52142	1.0869
75.513	89.6559	1.0896
75.524	94.79038	1.0869
75.534	100.0236	1.0883
75.546	105.1581	1.0842
75.555	110.2926	1.0856
75.567	115.5258	1.0856
75.576	120.6603	1.0856
75.59	125.7947	1.0896
75.616	131.0279	1.0964
75.994	128.2632	1.1018
77.093	133.3977	1.1153
77.189	128.1645	1.1207
77.22	123.03	1.1207
77.249	117.8955	1.122
77.273	112.6623	1.1261
77.29	107.5278	1.1234
77.302	102.3934	1.1261
77.32	97.16014	1.1247
77.338	92.02566	1.1261
77.355	86.89118	1.1274
77.376	81.65796	1.1274
77.398	76.52348	1.1261
77.424	71.389	1.1207
77.453	76.52348	1.122
77.495	81.65796	1.1193
77.51	86.89118	1.118
77.521	92.02566	1.1193
77.53	97.16014	1.1166
77.54	102.3934	1.118
77.551	107.5278	1.1166
77.564	112.6623	1.1166
77.574	117.8955	1.1153
77.586	123.03	1.1153
77.595	128.1645	1.1166
77.616	133.3977	1.122
77.901	128.1645	1.1301
77.994	125.1036	1.1301
78.053	130.238	1.1301
78.629	135.3725	1.1409
79.198	130.238	1.1504
79.219	125.1036	1.1517
79.238	119.8703	1.1504
79.26	114.7359	1.1544
79.277	109.6014	1.1544

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
330.41	632.3128	4.7906
330.43	628.4455	4.7906
330.46	624.5781	4.7906
330.49	620.6334	4.7919
330.55	616.766	4.7919
330.67	620.6334	4.7906
330.69	624.5781	4.7919
330.71	628.4455	4.7906
330.73	632.3128	4.7906
330.74	636.2575	4.7892
330.75	640.1249	4.7892
330.76	644.0696	4.7892
330.77	647.9369	4.7879
330.78	651.8816	4.7879
330.79	655.749	4.7879
330.8	659.6163	4.7865
330.81	663.5611	4.7865
330.81	667.4284	4.7879
330.82	671.2958	4.7879
330.83	675.2405	4.7892
330.84	679.1078	4.7919
330.85	682.9752	4.7933
331.24	679.0305	4.8014
331.6	675.0858	4.8068
331.97	673.7709	4.8108
332.22	669.8262	4.8149
332.67	673.9256	4.8203
333.02	669.9809	4.827
333.97	669.13	4.8405
334.22	665.1853	4.8446
334.39	669.13	4.8459
335.97	666.3455	4.8689
336.26	662.4008	4.8743
336.46	666.2682	4.8757
337.97	667.1964	4.8986
338.06	663.2517	4.8986
339.4	659.2296	4.9175
339.97	659.1523	4.927
341.81	655.1302	4.9526
341.97	655.5943	4.9567
342.28	651.7269	4.9607
342.47	655.5943	4.9621
343.97	653.5833	4.9837
344.21	649.7159	4.9891
344.55	653.5833	4.9918
345.97	651.1082	5.0134
347.97	650.3347	5.0431
348.33	646.4673	5.0471
348.52	650.5667	5.0512
349.05	646.622	5.0593
349.97	646.2353	5.0714
350.22	642.3679	5.0768
351.97	642.6773	5.1011
353.34	638.7326	5.12
353.97	640.9757	5.1295

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
79.286	104.3682	1.1544
79.298	99.23368	1.1544
79.311	94.0992	1.1571
79.329	88.86598	1.1544
79.343	83.7315	1.1558
79.363	78.59702	1.1544
79.401	73.3638	1.1531
79.461	78.59702	1.145
79.471	83.7315	1.145
79.484	88.86598	1.1463
79.49	94.0992	1.1436
79.501	99.23368	1.1436
79.51	104.3682	1.1423
79.52	109.6014	1.1423
79.53	114.7359	1.1423
79.54	119.8703	1.1436
79.55	125.1036	1.145
79.561	130.238	1.1436
79.572	135.3725	1.149
79.993	137.0511	1.1585
81.216	131.9166	1.1787
81.279	126.7821	1.1814
81.317	121.5489	1.1814
81.339	116.4144	1.1828
81.367	111.28	1.1814
81.392	106.0467	1.1828
81.43	100.9123	1.1801
81.507	106.0467	1.1774
81.526	111.28	1.1774
81.538	116.4144	1.1787
81.55	121.5489	1.176
81.566	126.7821	1.176
81.578	131.9166	1.1774
81.588	137.0511	1.1787
81.622	142.1856	1.1814
81.993	139.8158	1.1895
82.911	144.9503	1.2003
82.997	139.8158	1.2044
83.211	134.5826	1.2098
83.231	129.4481	1.2071
83.253	124.3136	1.2098
83.274	119.1792	1.2125
83.285	113.9459	1.2125
83.3	108.8115	1.2125
83.314	103.677	1.2139
83.327	98.44376	1.2152
83.344	93.30928	1.2139
83.365	88.1748	1.2112
83.395	83.04032	1.2112
83.452	88.1748	1.2071
83.48	93.30928	1.2057
83.486	98.44376	1.2044
83.501	103.677	1.2044
83.509	108.8115	1.2044
83.52	113.9459	1.2044

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
355.55	636.9536	5.1538
355.97	638.9647	5.1592
356.21	635.02	5.1632
357.97	634.6332	5.1876
359.37	630.6112	5.2092
359.97	630.5338	5.2173
360.75	626.5891	5.2281
361.29	622.6444	5.2362
361.97	621.0201	5.2443
362.87	617.0754	5.2578
363.97	616.2246	5.2753
364.98	612.2026	5.2902
365.97	610.0368	5.3037
367.97	609.1087	5.3334
369.5	605.0866	5.355
369.97	606.6336	5.3617
371.97	606.7109	5.3901
372.2	602.7662	5.3941
372.64	598.8988	5.4009
373.97	597.7386	5.4198
374.2	593.7939	5.4238
375.05	589.8492	5.436
375.97	591.5509	5.4495
376.23	587.6835	5.4535
376.69	591.7829	5.4576
376.9	587.9156	5.4616
377.97	586.7553	5.4779
379.97	584.8217	5.5062
380.25	580.877	5.5103
381.97	579.7168	5.5373
383.03	575.7721	5.5521
383.97	575.3853	5.5643
385.97	575.7721	5.594
387.97	575.308	5.6223
388.29	571.4406	5.6264
389.97	569.971	5.6507
391.29	566.0263	5.6709
391.97	565.4075	5.6804
393.97	565.0208	5.7101
394.24	561.1534	5.7141
395.25	565.1755	5.729
395.97	563.0098	5.7398
397.06	559.0651	5.7546
397.97	560.7667	5.7681
399.76	556.822	5.7938
399.97	557.2861	5.7965
400.18	553.4187	5.8006
401.97	553.032	5.8249
403.97	553.8828	5.8546
405.19	549.9381	5.8721
405.67	545.9934	5.8789
405.97	548.3138	5.8843
406.28	544.4465	5.8883
407.97	540.9658	5.9126
409.03	537.0211	5.9288

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
83.528	119.1792	1.2003
83.542	124.3136	1.2044
83.551	129.4481	1.203
83.562	134.5826	1.2017
83.57	139.8158	1.203
83.586	144.9503	1.2084
83.993	142.1856	1.2179
84.674	147.32	1.226
85.192	142.1856	1.2382
85.211	136.9523	1.2382
85.231	131.8179	1.2382
85.25	126.6834	1.2382
85.263	121.5489	1.2422
85.275	116.3157	1.2422
85.29	111.1812	1.2422
85.301	106.0467	1.2436
85.314	100.8135	1.2436
85.332	95.67904	1.2422
85.353	90.54456	1.2409
85.383	85.41008	1.2395
85.449	90.54456	1.2382
85.477	95.67904	1.2328
85.485	100.9123	1.2328
85.494	106.0467	1.2314
85.503	111.1812	1.2301
85.512	116.3157	1.2314
85.523	121.5489	1.2287
85.532	126.6834	1.2301
85.543	131.8179	1.2287
85.551	136.9523	1.2301
85.561	142.1856	1.2341
85.574	147.32	1.2355
85.993	148.7024	1.2463
87.214	143.4692	1.2665
87.237	138.3347	1.2665
87.27	133.2002	1.2692
87.281	127.967	1.2706
87.299	122.8325	1.2692
87.317	117.6981	1.2679
87.331	112.5636	1.2719
87.343	107.3304	1.2719
87.361	102.1959	1.2719
87.379	97.0614	1.2706
87.402	91.92692	1.2692
87.468	97.0614	1.2625
87.485	102.1959	1.2638
87.498	107.3304	1.2638
87.507	112.5636	1.2625
87.518	117.6981	1.2611
87.528	122.8325	1.2611
87.538	127.967	1.2625
87.549	133.2002	1.2625
87.56	138.3347	1.2611
87.57	143.4692	1.2611
87.582	148.6037	1.2611

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
409.75	533.0764	5.9383
409.97	533.0764	5.9423
411.97	532.1483	5.9693
413.36	528.2036	5.9909
413.97	529.6732	6.0004
415.97	526.6566	6.0287
417.68	522.7119	6.0544
417.97	524.4909	6.0584
418.35	520.6236	6.0638
419.73	516.6788	6.0841
419.97	519.2313	6.0855
420.36	515.2866	6.0922
421.97	512.6568	6.1152
423.63	508.6347	6.1408
423.96	509.4082	6.1449
425.96	508.248	6.1732
427.96	509.5629	6.2016
428.75	505.6956	6.2124
429.7	501.7509	6.2286
429.96	501.5188	6.2313
431.8	497.4968	6.2583
431.96	498.8117	6.261
433.96	496.1045	6.2907
435.41	492.1598	6.3109
435.96	492.0825	6.3177
437.96	491.4637	6.346
438.31	487.5963	6.3528
439.96	487.9831	6.3757
440.73	484.0384	6.3879
441.83	480.171	6.4028
441.96	481.4086	6.4068
443.05	477.5412	6.4217
443.96	477.9279	6.4338
444.87	474.0606	6.4487
445.72	472.2042	6.4595

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
87.601	153.8369	1.2665
87.993	151.3684	1.276
88.349	156.5029	1.28
89.198	151.3684	1.2976
89.229	146.1352	1.2949
89.257	141.0007	1.2949
89.278	135.8662	1.3003
89.295	130.7317	1.2976
89.311	125.5973	1.3003
89.327	120.364	1.3003
89.339	115.2296	1.2989
89.357	110.0951	1.3003
89.376	104.9606	1.2989
89.396	99.72738	1.2989
89.506	104.9606	1.2935
89.519	110.0951	1.2922
89.529	115.2296	1.2922
89.542	120.364	1.2908
89.551	125.5973	1.2922
89.565	130.7317	1.2922
89.577	135.8662	1.2922
89.586	141.0007	1.2908
89.598	146.5301	1.2922
89.607	151.6646	1.2908
89.621	156.7991	1.2935
89.641	162.0323	1.2962
89.993	161.3411	1.303
90.436	156.1079	1.3111
90.501	161.2424	1.3111
91.221	156.1079	1.3232
91.262	150.9734	1.3273
91.286	145.8389	1.3273
91.306	140.6057	1.3273
91.323	135.4712	1.3273
91.338	130.3368	1.3286
91.356	125.2023	1.3286
91.375	120.0678	1.3273
91.396	114.8346	1.33
91.416	109.7001	1.3259
91.47	104.5656	1.3259
91.505	109.7001	1.3246
91.526	114.8346	1.3246
91.546	120.0678	1.3219
91.564	125.2023	1.3232
91.576	130.3368	1.3219
91.586	135.4712	1.3219
91.597	140.6057	1.3205
91.607	145.8389	1.3205
91.619	150.9734	1.3205
91.629	156.1079	1.3205
91.645	161.2424	1.3205
91.662	166.3769	1.3246
91.992	166.7718	1.334
93.242	161.5386	1.3529
93.292	156.4041	1.3543

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
93.322	151.2696	1.3543
93.352	146.1352	1.3556
93.374	140.9019	1.357
93.394	135.7675	1.357
93.415	130.633	1.357
93.466	125.4985	1.3543
93.508	130.633	1.3529
93.53	135.7675	1.3543
93.546	140.9019	1.3516
93.564	146.1352	1.3529
93.582	151.2696	1.3529
93.595	156.4041	1.3516
93.608	161.5386	1.3502
93.622	166.6731	1.3529
93.644	171.9063	1.3543
93.687	177.0408	1.357
93.958	171.8076	1.361
93.992	173.1899	1.361
95.219	168.0554	1.3813
95.271	162.921	1.384
95.292	157.6877	1.384
95.318	152.5533	1.384
95.338	147.4188	1.384
95.356	142.2843	1.384
95.381	137.1498	1.3867
95.4	132.0153	1.3867
95.423	126.7821	1.3867
95.454	121.6477	1.384
95.503	126.7821	1.3826
95.531	132.0153	1.3813
95.561	137.1498	1.3826
95.581	142.2843	1.3813
95.595	147.4188	1.3799
95.608	152.5533	1.3813
95.62	157.6877	1.3799
95.632	162.921	1.3799
95.644	168.0554	1.3799
95.661	173.1899	1.3799
95.68	178.3244	1.3826
95.724	183.4589	1.388
95.813	178.3244	1.3894
95.992	179.7068	1.3907
97.206	174.4735	1.4123
97.226	169.3391	1.4123
97.255	164.2046	1.4123
97.276	159.0701	1.415
97.29	153.9356	1.4123
97.314	148.8011	1.4137
97.334	143.5679	1.415
97.35	138.4334	1.4164
97.376	133.299	1.4137
97.4	128.1645	1.4164
97.437	123.03	1.4137
97.486	128.1645	1.4096
97.51	133.299	1.411

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.526	138.4334	1.4096
97.538	143.5679	1.4083
97.549	148.8011	1.4069
97.56	153.9356	1.4083
97.576	159.0701	1.4069
97.585	164.2046	1.4083
97.597	169.3391	1.4083
97.608	174.4735	1.4083
97.619	179.7068	1.4069
97.636	184.8412	1.4123
97.943	179.608	1.4204
97.992	180.6942	1.4177
98.082	185.8286	1.4204
98.175	180.6942	1.4245
98.347	185.8286	1.4245
99.215	180.5954	1.4407
99.272	175.4609	1.4407
99.305	170.3265	1.4407
99.334	165.192	1.4407
99.369	160.0575	1.4447
99.396	154.923	1.4447
99.416	149.7885	1.4393
99.513	154.923	1.4407
99.532	160.0575	1.4407
99.545	165.192	1.4393
99.558	170.3265	1.438
99.568	175.4609	1.438
99.582	180.5954	1.4393
99.596	185.8286	1.4366
99.616	190.9631	1.4393
99.992	190.2719	1.4501
100.87	195.3077	1.4623
101.19	190.1732	1.469
101.25	185.0387	1.4717
101.28	179.9042	1.469
101.31	174.7698	1.4704
101.35	169.6353	1.4717
101.37	164.5008	1.4717
101.41	159.2676	1.4704
101.45	154.1331	1.469
101.48	159.2676	1.469
101.5	164.5008	1.4677
101.52	169.6353	1.4677
101.53	174.7698	1.4677
101.55	179.9042	1.4677
101.56	185.0387	1.4677
101.57	190.1732	1.4677
101.59	195.3077	1.469
101.99	196.69	1.4798
103.2	191.5556	1.4987
103.22	186.3223	1.4987
103.24	181.1879	1.5014
103.26	176.0534	1.5014
103.27	170.9189	1.5014
103.29	165.7844	1.5001

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103.3	160.6499	1.5014
103.31	155.5155	1.5041
103.33	150.381	1.5028
103.34	145.1478	1.5041
103.36	140.0133	1.5041
103.37	134.8788	1.5028
103.39	129.7443	1.5001
103.47	134.8788	1.496
103.48	140.0133	1.4947
103.49	145.2465	1.4933
103.5	150.381	1.4947
103.51	155.5155	1.4933
103.52	160.6499	1.492
103.53	165.7844	1.492
103.54	170.9189	1.4906
103.55	176.0534	1.4906
103.56	181.1879	1.492
103.57	186.3223	1.4933
103.58	191.5556	1.4933
103.59	196.69	1.4947
103.6	201.8245	1.4987
103.99	198.3686	1.5082
104.38	203.5031	1.5122
105.19	198.2699	1.5258
105.22	193.1354	1.5258
105.26	188.0009	1.5285
105.28	182.8664	1.5298
105.3	177.732	1.5285
105.31	172.5975	1.5298
105.33	167.463	1.5312
105.35	162.3285	1.5325
105.36	157.194	1.5312
105.38	151.9608	1.5325
105.4	146.8263	1.5312
105.45	141.6919	1.5312
105.52	146.8263	1.5271
105.54	152.0596	1.5271
105.56	157.194	1.5258
105.57	162.3285	1.5258
105.58	167.463	1.5258
105.6	172.5975	1.5244
105.6	177.732	1.5244
105.62	182.8664	1.5244
105.63	188.0009	1.5244
105.64	193.1354	1.5244
105.65	198.2699	1.5258
105.66	203.5031	1.5244
105.68	208.6376	1.5298
105.99	206.1691	1.5352
107.08	211.3036	1.5514
107.17	206.1691	1.5555
107.2	201.0346	1.5555
107.24	195.9001	1.5568
107.27	190.6669	1.5595
107.28	185.5324	1.5595

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
107.3	180.3979	1.5582
107.32	175.2635	1.5609
107.33	170.129	1.5609
107.35	164.9945	1.5595
107.37	159.86	1.5609
107.39	154.7255	1.5609
107.41	149.5911	1.5582
107.44	144.4566	1.5582
107.48	149.5911	1.5555
107.51	154.7255	1.5541
107.53	159.86	1.5555
107.55	164.9945	1.5541
107.56	170.129	1.5541
107.57	175.2635	1.5514
107.57	180.3979	1.5555
107.57	185.5324	1.5568
107.58	190.6669	1.5541
107.59	195.9001	1.5528
107.6	201.0346	1.5528
107.61	206.1691	1.5541
107.63	211.3036	1.5568
107.66	216.438	1.5609
107.72	211.3036	1.5622
107.99	212.9821	1.5676
109.17	207.7489	1.5852
109.19	202.6144	1.5852
109.23	197.48	1.5852
109.25	192.3455	1.5892
109.26	187.211	1.5879
109.28	182.0765	1.5879
109.29	176.942	1.5906
109.3	171.8076	1.5892
109.32	166.6731	1.5892
109.33	161.5386	1.5906
109.35	156.4041	1.5892
109.37	151.2696	1.5906
109.39	146.1352	1.5892
109.47	151.2696	1.5825
109.49	156.4041	1.5825
109.5	161.5386	1.5838
109.51	166.6731	1.5811
109.52	171.8076	1.5811
109.53	176.942	1.5798
109.54	182.0765	1.5798
109.55	187.211	1.5798
109.56	192.3455	1.5798
109.57	197.48	1.5798
109.58	202.6144	1.5811
109.59	207.7489	1.5811
109.6	212.9821	1.5811
109.61	218.1166	1.5852
109.99	216.3393	1.5946
110.54	221.4738	1.6027
110.62	216.3393	1.6027
110.85	221.4738	1.6054

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.16	216.3393	1.6122
111.2	211.1061	1.6149
111.22	205.9716	1.6149
111.25	200.8371	1.6162
111.26	195.7026	1.6162
111.28	190.5682	1.6162
111.29	185.4337	1.6162
111.31	180.2992	1.6176
111.32	175.1647	1.6189
111.33	170.0302	1.6189
111.35	164.8958	1.6176
111.36	159.7613	1.6203
111.38	154.6268	1.6176
111.4	149.4923	1.6162
111.46	154.6268	1.6108
111.47	159.7613	1.6095
111.48	164.8958	1.6122
111.49	170.0302	1.6095
111.5	175.1647	1.6095
111.51	180.2992	1.6081
111.52	185.4337	1.6081
111.53	190.5682	1.6081
111.54	195.7026	1.6095
111.55	200.8371	1.6095
111.56	206.0703	1.6081
111.57	211.2048	1.6108
111.58	216.3393	1.6108
111.59	221.4738	1.6122
111.63	226.6082	1.6176
111.78	221.375	1.623
111.99	223.1523	1.6216
113.21	217.9191	1.6446
113.23	212.7847	1.6432
113.25	207.6502	1.6473
113.26	202.5157	1.6446
113.27	197.3812	1.6446
113.28	192.2467	1.6473
113.3	187.1123	1.6473
113.31	181.9778	1.6473
113.32	176.8433	1.6473
113.34	171.7088	1.65
113.36	166.5743	1.6486
113.38	161.4399	1.6459
113.39	156.3054	1.6459
113.49	161.4399	1.6405
113.5	166.5743	1.6405
113.52	171.7088	1.6419
113.53	176.8433	1.6392
113.54	181.9778	1.6405
113.55	187.1123	1.6392
113.56	192.2467	1.6392
113.57	197.3812	1.6378
113.58	202.5157	1.6405
113.59	207.6502	1.6405
113.61	212.7847	1.6392

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
113.61	217.9191	1.6405
113.63	223.0536	1.6419
113.64	228.1881	1.6432
113.99	227.8919	1.6527
115.06	232.9276	1.6675
115.11	227.7931	1.6716
115.16	222.6586	1.6716
115.2	217.5242	1.6716
115.23	212.3897	1.6743
115.26	207.2552	1.6756
115.27	202.1207	1.6743
115.28	196.9863	1.6756
115.3	191.8518	1.6743
115.32	186.7173	1.677
115.33	181.5828	1.677
115.35	176.4483	1.677
115.37	171.3139	1.677
115.38	166.1794	1.6743
115.45	161.0449	1.6716
115.48	166.1794	1.6702
115.5	171.3139	1.6689
115.51	176.4483	1.6716
115.52	181.5828	1.6689
115.53	186.7173	1.6702
115.55	191.8518	1.6675
115.56	196.9863	1.6675
115.57	202.1207	1.6675
115.58	207.2552	1.6662
115.59	212.3897	1.6675
115.59	217.5242	1.6689
115.61	222.6586	1.6702
115.62	227.7931	1.6702
115.63	232.9276	1.6716
115.69	238.0621	1.6756
115.77	232.9276	1.6783
115.99	231.9402	1.681
116.61	226.707	1.6918
116.73	231.8415	1.6905
117.22	226.707	1.7013
117.28	221.5725	1.7026
117.32	216.438	1.7026
117.36	211.3036	1.7026
117.4	206.1691	1.6999
117.46	211.3036	1.6986
117.48	216.438	1.6999
117.49	221.5725	1.6986
117.5	226.707	1.6972
117.51	231.8415	1.6986
117.53	236.9759	1.6999
117.99	236.581	1.7107
119.21	231.4465	1.7283
119.32	226.312	1.7296
119.44	231.4465	1.7283
119.46	236.581	1.7256
119.48	241.7155	1.7296

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
119.99	241.3205	1.7404
121.2	236.186	1.758
121.26	231.0515	1.758
121.3	225.9171	1.7607
121.33	220.7826	1.7607
121.36	215.6481	1.7607
121.39	210.5136	1.7593
121.47	215.6481	1.7566
121.49	220.7826	1.7566
121.5	225.9171	1.758
121.52	231.0515	1.758
121.53	236.186	1.7566
121.55	241.3205	1.7566
121.57	246.455	1.7593
121.99	246.3562	1.7674
123.2	241.2218	1.7863
123.26	236.0873	1.7904
123.28	230.9528	1.789
123.31	225.8183	1.7904
123.33	220.6838	1.789
123.36	215.5494	1.7877
123.39	210.4149	1.7917
123.5	215.5494	1.7877
123.52	220.6838	1.7863
123.53	225.8183	1.7863
123.55	230.9528	1.7863
123.56	236.0873	1.7836
123.57	241.2218	1.7863
123.58	246.3562	1.7863
123.61	251.4907	1.789
123.99	251.4907	1.7971
124.86	246.2575	1.812
125	251.392	1.8106
125.07	256.5265	1.8133
125.17	251.392	1.816
125.46	256.5265	1.816
125.99	255.8353	1.8255
126.83	260.9698	1.8377
127.16	255.7365	1.8458
127.19	250.6021	1.8458
127.23	245.5663	1.8458
127.25	240.4318	1.8485
127.27	235.2974	1.8485
127.29	230.1629	1.8498
127.31	225.0284	1.8485
127.33	219.8939	1.8485
127.34	214.7595	1.8498
127.36	209.625	1.8498
127.38	204.4905	1.8498
127.5	209.625	1.8458
127.52	214.7595	1.8444
127.54	219.8939	1.8444
127.55	225.0284	1.8458
127.57	230.1629	1.8444
127.58	235.2974	1.8431

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.59	240.4318	1.8431
127.6	245.5663	1.8431
127.62	250.7008	1.8431
127.63	255.7365	1.8431
127.64	260.871	1.8444
127.66	266.0055	1.8471
127.99	263.2408	1.8566
129.22	258.1063	1.8728
129.26	252.9718	1.8755
129.29	247.8373	1.8768
129.32	242.7029	1.8755
129.36	237.5684	1.8755
129.38	232.4339	1.8782
129.49	237.5684	1.8728
129.51	242.7029	1.8741
129.53	247.8373	1.8741
129.54	252.9718	1.8714
129.55	258.1063	1.8714
129.56	263.2408	1.8714
129.58	268.3753	1.8741
129.62	273.411	1.8795
129.99	269.3627	1.8836
131.26	264.1294	1.9038
131.34	259.0937	1.9038
131.41	264.1294	1.9038
131.44	269.2639	1.8998
131.46	274.3984	1.9025
131.99	276.4719	1.9133
133.28	271.2387	1.9308
133.4	276.3732	1.9308
133.49	281.5077	1.9335
133.94	276.3732	1.9416
133.99	279.1379	1.9416
135.01	284.1737	1.9565
135.16	279.0392	1.9605
135.2	273.9047	1.9619
135.23	268.7702	1.9632
135.26	263.6357	1.9605
135.28	258.6	1.9632
135.29	253.4655	1.9646
135.31	248.331	1.9646
135.33	243.1966	1.9659
135.35	238.0621	1.9646
135.37	232.9276	1.9673
135.38	227.7931	1.9646
135.42	222.6586	1.9619
135.48	227.7931	1.9632
135.51	232.9276	1.9619
135.53	238.0621	1.9619
135.54	243.1966	1.9605
135.55	248.331	1.9605
135.57	253.4655	1.9619
135.58	258.6	1.9592
135.59	263.6357	1.9578
135.6	268.7702	1.9592

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
135.62	273.9047	1.9592
135.63	279.0392	1.9605
135.64	284.1737	1.9619
135.67	289.3081	1.9632
135.99	284.7661	1.9713
136.75	289.9006	1.9821
137.16	284.7661	1.9902
137.21	279.6316	1.9889
137.25	274.4971	1.9929
137.27	269.3627	1.9916
137.3	264.3269	1.9916
137.31	259.1924	1.9916
137.34	254.058	1.9916
137.36	248.9235	1.9943
137.38	243.789	1.9943
137.41	238.6545	1.9956
137.5	243.789	1.9929
137.53	248.9235	1.9902
137.54	254.058	1.9902
137.56	259.1924	1.9889
137.57	264.3269	1.9889
137.58	269.3627	1.9889
137.6	274.4971	1.9889
137.61	279.6316	1.9889
137.62	284.7661	1.9889
137.63	289.9006	1.9916
137.65	295.0351	1.9943
137.99	292.5666	1.9997
139.18	287.4321	2.0172
139.22	282.2976	2.0186
139.25	277.1631	2.0226
139.27	272.0286	2.0213
139.29	266.8942	2.0226
139.31	261.7597	2.0226
139.33	256.7239	2.0213
139.35	251.5895	2.0226
139.37	246.455	2.024
139.39	241.3205	2.0213
139.43	236.186	2.0199
139.5	241.3205	2.0226
139.53	246.455	2.0186
139.55	251.5895	2.0186
139.56	256.7239	2.0199
139.58	261.7597	2.0186
139.59	266.8942	2.0172
139.6	272.0286	2.0186
139.61	277.1631	2.0172
139.62	282.2976	2.0186
139.64	287.4321	2.0172
139.65	292.5666	2.0186
139.67	297.6023	2.0226
139.99	297.9973	2.028
141.18	292.764	2.0469
141.22	287.6296	2.0483
141.24	282.4951	2.0496

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
141.27	277.4593	2.0496
141.28	272.3249	2.051
141.3	267.1904	2.051
141.32	262.0559	2.0523
141.34	256.9214	2.0523
141.36	251.7869	2.0523
141.38	246.7512	2.0523
141.43	241.6167	2.0537
141.52	246.7512	2.0483
141.55	251.8857	2.0496
141.57	256.9214	2.0496
141.59	262.0559	2.0496
141.6	267.1904	2.0469
141.62	272.3249	2.0483
141.63	277.4593	2.0469
141.64	282.5938	2.0469
141.65	287.6296	2.0469
141.66	292.764	2.0469
141.67	297.8985	2.0469
141.69	303.3292	2.0483
141.71	308.4637	2.0537
141.91	303.3292	2.0564
141.99	304.7116	2.0591
143.24	299.4784	2.0766
143.27	294.4426	2.078
143.33	289.3081	2.0793
143.42	294.4426	2.078
143.45	299.4784	2.0739
143.47	304.6128	2.0766
143.49	309.7473	2.078
143.99	309.3523	2.0861
145.2	304.2179	2.1063
145.25	299.0834	2.1077
145.27	293.9489	2.1077
145.31	288.8144	2.1077
145.33	283.7787	2.109
145.35	278.6442	2.109
145.37	273.5097	2.1104
145.39	268.3753	2.1104
145.41	263.2408	2.1077
145.51	268.3753	2.1077
145.54	273.5097	2.1077
145.56	278.6442	2.1077
145.57	283.7787	2.1063
145.58	288.8144	2.1063
145.6	293.9489	2.105
145.61	299.0834	2.1063
145.62	304.2179	2.105
145.64	309.3523	2.1063
145.65	314.3881	2.1077
145.68	319.5226	2.109
145.91	314.3881	2.1144
145.99	315.3755	2.1158
147.17	310.241	2.1347
147.21	305.1065	2.1347

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
147.23	299.9721	2.1361
147.27	294.9363	2.1361
147.29	289.8018	2.1374
147.31	284.6674	2.1374
147.33	279.5329	2.1361
147.35	274.3984	2.1388
147.37	269.3627	2.1388
147.39	264.2282	2.1401
147.42	259.0937	2.1374
147.51	264.2282	2.1374
147.54	269.3627	2.1374
147.57	274.3984	2.1361
147.58	279.5329	2.1361
147.6	284.6674	2.1361
147.61	289.8018	2.1347
147.62	294.9363	2.1361
147.64	299.9721	2.1347
147.65	305.1065	2.1334
147.66	310.241	2.1334
147.67	315.3755	2.1347
147.69	320.4112	2.1361
147.71	325.5457	2.1388
147.99	322.781	2.1442
149.17	317.6465	2.1644
149.21	312.512	2.1617
149.24	307.3775	2.1658
149.25	302.3418	2.1671
149.27	297.2073	2.1671
149.29	292.0729	2.1671
149.31	286.9384	2.1685
149.32	281.9026	2.1685
149.33	276.7682	2.1698
149.35	271.6337	2.1685
149.37	266.4992	2.1685
149.39	261.3647	2.1671
149.43	256.329	2.1685
149.5	261.4635	2.1658
149.51	266.4992	2.1644
149.51	271.9299	2.1658
149.51	277.0644	2.1658
149.53	282.1989	2.1631
149.55	287.3333	2.1631
149.56	292.4678	2.1631
149.57	297.5036	2.1617
149.58	302.638	2.1617
149.59	307.7725	2.1617
149.6	312.907	2.1604
149.61	317.9427	2.1631
149.62	323.0772	2.1631
149.64	328.2117	2.1658
149.99	328.2117	2.1752
151.24	322.9785	2.1914
151.35	328.1129	2.1928
151.44	333.2474	2.1928
151.99	334.531	2.2049

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
152.35	329.3966	2.2103
152.39	324.2621	2.2103
152.48	319.2263	2.2103
152.59	324.2621	2.209
152.62	329.3966	2.209
152.65	334.531	2.2103
152.9	339.5668	2.2157
153.12	334.4323	2.2225
153.18	329.3966	2.2225
153.25	324.2621	2.2225
153.29	319.1276	2.2225
153.34	313.9931	2.2238
153.42	319.1276	2.2198
153.44	324.2621	2.2198
153.45	329.3966	2.2198
153.46	334.531	2.2184
153.49	339.5668	2.2211
153.99	339.1718	2.2319
154.97	344.3063	2.2454
155.19	339.1718	2.2508
155.24	334.0373	2.2522
155.28	328.9029	2.2549
155.31	323.8671	2.2549
155.33	318.7326	2.2549
155.34	313.5982	2.2549
155.36	308.4637	2.2549
155.38	303.4279	2.2562
155.41	298.2935	2.2522
155.55	303.4279	2.2508
155.58	308.4637	2.2508
155.59	313.5982	2.2508
155.6	318.7326	2.2508
155.62	323.8671	2.2508
155.63	328.9029	2.2495
155.64	334.0373	2.2495
155.65	339.1718	2.2508
155.66	344.2076	2.2508
155.68	349.342	2.2535
155.99	348.9471	2.2616
156.77	343.8126	2.2751
156.8	338.7769	2.2724
156.87	333.6424	2.2751
156.96	338.6781	2.2738
157	343.8126	2.2738
157.04	348.9471	2.2751
157.17	343.8126	2.2792
157.21	338.6781	2.2819
157.24	333.5436	2.2832
157.26	328.5079	2.2819
157.29	323.3734	2.2819
157.31	318.2389	2.2819
157.33	313.2032	2.2832
157.35	308.0687	2.2832
157.37	302.9342	2.2805
157.42	297.8985	2.2832

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
157.5	302.9342	2.2819
157.53	308.0687	2.2805
157.54	313.2032	2.2805
157.56	318.2389	2.2805
157.57	323.3734	2.2792
157.58	328.5079	2.2778
157.6	333.6424	2.2792
157.61	338.6781	2.2792
157.62	343.8126	2.2792
157.63	348.9471	2.2805
157.65	353.9828	2.2819
157.99	351.6131	2.29
158.64	356.6488	2.2994
158.91	351.5143	2.3021
159.06	356.6488	2.3035
159.13	351.5143	2.3075
159.17	346.4786	2.3075
159.2	341.3441	2.3102
159.22	336.2096	2.3102
159.23	331.0751	2.3102
159.25	326.0394	2.3116
159.27	320.9049	2.3116
159.29	315.7704	2.3129
159.31	310.7347	2.3116
159.33	305.6002	2.3143
159.35	300.4658	2.3129
159.37	295.43	2.3102
159.39	290.2955	2.3129
159.47	295.43	2.3102
159.5	300.4658	2.3089
159.52	305.6002	2.3089
159.53	310.7347	2.3075
159.54	315.7704	2.3062
159.55	320.9049	2.3075
159.56	326.0394	2.3075
159.58	331.1739	2.3075
159.59	336.2096	2.3075
159.6	341.3441	2.3062
159.61	346.4786	2.3062
159.62	351.5143	2.3089
159.64	356.6488	2.3116
159.66	361.6845	2.3116
159.83	356.6488	2.317
159.99	355.9576	2.3183
160.11	360.9934	2.3197
161.14	355.8589	2.3386
161.16	350.7244	2.3386
161.19	345.6887	2.3372
161.22	340.5542	2.3386
161.24	335.4197	2.3399
161.25	330.384	2.3399
161.27	325.2495	2.3426
161.28	320.115	2.3413
161.3	314.9805	2.3426
161.31	309.9448	2.3399

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.33	304.8103	2.3426
161.34	299.6758	2.3426
161.36	294.6401	2.3426
161.38	289.5056	2.3386
161.48	294.6401	2.3359
161.49	299.6758	2.3386
161.51	304.8103	2.3372
161.53	309.9448	2.3386
161.54	315.0793	2.3359
161.55	320.115	2.3359
161.56	325.2495	2.3345
161.57	330.384	2.3372
161.58	335.4197	2.3359
161.59	340.5542	2.3345
161.6	345.6887	2.3359
161.61	350.7244	2.3372
161.61	355.8589	2.3359
161.63	360.9934	2.3386
161.64	366.0291	2.3399
161.68	371.1636	2.3426
161.75	366.0291	2.3453
161.94	360.8946	2.3467
161.99	363.2644	2.348
162.38	358.1299	2.3548
162.46	363.2644	2.3521
163.43	368.3001	2.3683
163.99	369.6825	2.3764
164.36	364.548	2.3831
164.54	369.5837	2.3845
165.17	364.4493	2.3953
165.22	359.4135	2.3966
165.25	354.279	2.398
165.28	349.1446	2.3966
165.3	344.1088	2.3993
165.34	338.9743	2.398
165.36	333.8399	2.398
165.46	338.9743	2.3953
165.48	344.1088	2.3953
165.49	349.1446	2.3939
165.51	354.279	2.3953
165.52	359.4135	2.3939
165.53	364.4493	2.3953
165.55	369.5837	2.3953
165.56	374.7182	2.3966
165.59	379.754	2.3993
165.82	374.6195	2.4034
165.99	376.0018	2.4047
167.07	381.0376	2.4209
167.14	375.9031	2.4236
167.2	370.8674	2.425
167.25	365.7329	2.425
167.3	360.5984	2.4263
167.42	365.7329	2.4236
167.44	370.8674	2.4223
167.46	375.9031	2.4236

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.48	381.0376	2.425
167.99	380.9388	2.4345
169.26	375.8044	2.4547
169.39	380.9388	2.4547
169.45	385.9746	2.4547
169.8	380.8401	2.4615
169.99	384.296	2.4628
170.5	379.1615	2.4709
170.56	384.1973	2.4696
171.44	389.233	2.4844
171.84	384.1973	2.4925
171.97	389.233	2.4912
171.99	391.3065	2.4912
172.32	386.1721	2.4979
172.4	391.3065	2.4979
172.65	386.1721	2.5047
172.89	391.2078	2.5033
173.24	386.1721	2.5114
173.44	391.2078	2.5128
173.99	390.1216	2.5209
174.28	395.2561	2.5249
175.43	400.2919	2.5398
175.61	395.1574	2.5465
175.79	400.1931	2.5479
175.99	398.8108	2.5519
176.92	403.8465	2.5641
177.13	398.8108	2.5695
177.24	393.6763	2.5708
177.33	388.6405	2.5708
177.42	393.6763	2.5681
177.44	398.8108	2.5695
177.46	403.8465	2.5708
177.99	406.5125	2.5803
178.58	401.378	2.5884
178.69	406.5125	2.5897
179.18	401.378	2.5978
179.23	396.2435	2.5992
179.26	391.2078	2.6005
179.28	386.0733	2.6005
179.3	381.0376	2.6005
179.33	375.9031	2.6019
179.36	370.8674	2.5978
179.47	375.9031	2.5992
179.49	381.0376	2.5978
179.51	386.0733	2.5978
179.52	391.2078	2.5965
179.53	396.2435	2.5965
179.55	401.378	2.5965
179.56	406.5125	2.5978
179.57	411.5482	2.5992
179.6	416.584	2.6019
179.99	412.8318	2.6086
181.17	407.6974	2.6275
181.21	402.5629	2.6289
181.24	397.5271	2.6289

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.27	392.3927	2.6289
181.29	387.3569	2.6302
181.31	382.2225	2.6316
181.34	377.1867	2.6302
181.36	372.0522	2.6302
181.4	367.0165	2.6302
181.49	372.0522	2.6289
181.51	377.1867	2.6275
181.53	382.2225	2.6275
181.54	387.3569	2.6275
181.55	392.3927	2.6262
181.56	397.5271	2.6262
181.57	402.6616	2.6248
181.58	407.6974	2.6262
181.6	412.8318	2.6275
181.61	417.8676	2.6302
181.64	422.9033	2.6329
181.99	418.855	2.637
183.26	413.7205	2.6559
183.37	418.7562	2.6572
183.41	423.8907	2.6572
183.99	423.792	2.668
185	428.8277	2.6802
185.12	423.6932	2.6842
185.18	418.6575	2.6842
185.24	413.523	2.6856
185.28	408.4873	2.6856
185.34	403.3528	2.6869
185.38	408.4873	2.6856
185.42	413.523	2.6829
185.44	418.6575	2.6856
185.46	423.6932	2.6842
185.47	428.8277	2.6869
185.51	433.8635	2.6896
185.94	428.729	2.695
185.98	431.4937	2.695
187.19	426.2605	2.7139
187.26	421.2247	2.7166
187.31	416.0903	2.7153
187.42	421.2247	2.7112
187.44	426.3592	2.7112
187.45	431.395	2.7126
187.47	436.4307	2.7153
187.52	441.5652	2.7166
187.63	436.4307	2.7193
187.98	439.4916	2.7234
189.15	434.2584	2.7437
189.19	429.2227	2.7437
189.22	424.1869	2.745
189.25	419.0525	2.7464
189.27	414.0167	2.7464
189.28	408.8822	2.7464
189.3	403.8465	2.7477
189.32	398.712	2.7477
189.33	393.6763	2.7477

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
189.35	388.5418	2.7464
189.39	383.5061	2.745
189.51	388.5418	2.745
189.53	393.6763	2.745
189.55	398.712	2.7437
189.56	403.8465	2.7437
189.58	408.8822	2.745
189.59	414.0167	2.7437
189.6	419.0525	2.7437
189.61	424.1869	2.7423
189.62	429.2227	2.741
189.64	434.3572	2.7423
189.65	439.3929	2.745
189.66	444.4286	2.7464
189.71	449.5631	2.7491
189.85	444.4286	2.7518
189.98	442.3551	2.7531
191.21	437.2206	2.7734
191.24	432.1849	2.7734
191.31	427.0504	2.7747
191.42	432.1849	2.7707
191.44	437.2206	2.7693
191.46	442.3551	2.772
191.48	447.3908	2.7734
191.98	447.6871	2.7828
193.04	452.7228	2.7977
193.14	447.5883	2.8017
193.2	442.5526	2.8031
193.23	437.4181	2.8017
193.26	432.3824	2.8031
193.29	427.2479	2.8031
193.33	422.2121	2.8031
193.45	427.2479	2.8017
193.47	432.3824	2.8004
193.48	437.4181	2.799
193.49	442.5526	2.799
193.51	447.5883	2.799
193.52	452.7228	2.8004
193.56	457.7585	2.8058
193.98	455.29	2.8112
195.43	460.3258	2.8314
195.98	461.3132	2.8395
196.82	466.3489	2.8517
197.14	461.2144	2.8584
197.2	456.1787	2.8584
197.24	451.0442	2.8584
197.3	446.0085	2.8598
197.4	451.0442	2.8571
197.42	456.1787	2.8571
197.43	461.2144	2.8571
197.45	466.2502	2.8584
197.49	471.3847	2.8611
197.93	466.2502	2.8679
197.98	469.3111	2.8692
199.23	464.0779	2.8868

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
199.35	469.2124	2.8854
199.45	474.2481	2.8895
199.98	474.1494	2.8989
201.42	479.1851	2.9165
201.98	479.0864	2.9273
202.47	484.2208	2.9327
202.6	479.0864	2.9367
202.91	484.1221	2.9394
203.14	479.0864	2.9435
203.37	484.1221	2.9475
203.98	485.1095	2.9556
204.7	490.1452	2.9651
204.99	485.0108	2.9705
205.37	490.0465	2.9772
205.98	491.7251	2.984
206.57	496.6621	2.9948
207.22	491.6263	3.0029
207.36	496.6621	3.0056
207.68	501.6978	3.0096
207.98	500.3155	3.0137
209.23	495.181	3.0326
209.32	500.2167	3.0312
209.42	505.2525	3.0339
209.98	505.5487	3.0434
211.04	510.5844	3.0583
211.13	505.4499	3.0623
211.17	500.4142	3.0623
211.21	495.3785	3.0623
211.24	490.244	3.0637
211.26	485.2082	3.0637
211.29	480.1725	3.0637
211.33	475.038	3.0637
211.41	470.0023	3.0637
211.44	475.038	3.0637
211.46	480.1725	3.061
211.48	485.2082	3.0623
211.49	490.244	3.0623
211.5	495.3785	3.061
211.52	500.4142	3.061
211.53	505.4499	3.061
211.55	510.4857	3.0637
211.57	515.6202	3.065
211.98	512.8554	3.0718
213.21	507.721	3.092
213.27	502.5865	3.0934
213.39	507.721	3.0893
213.41	512.7567	3.0893
213.44	517.7924	3.092
213.98	519.7672	3.1001
215.16	514.6328	3.119
215.21	509.597	3.1217
215.25	504.4625	3.1204
215.33	499.4268	3.1204
215.37	504.4625	3.1204
215.41	509.597	3.1177

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
215.42	514.6328	3.119
215.44	519.6685	3.119
215.46	524.7042	3.1204
215.98	523.7168	3.1298
216.94	528.6538	3.1447
216.95	523.6181	3.1447
216.95	518.4836	3.1447
216.96	513.4479	3.146
217.02	508.4121	3.1447
217.1	503.3764	3.1487
217.16	498.2419	3.1487
217.22	493.2062	3.1487
217.28	488.1704	3.1514
217.37	493.2062	3.1487
217.4	498.2419	3.1474
217.41	503.3764	3.146
217.42	508.7084	3.146
217.43	513.8428	3.146
217.44	518.8786	3.1447
217.45	523.9143	3.146
217.46	528.9501	3.1474
217.47	533.9858	3.1487
217.98	530.2337	3.1595
219.41	535.1707	3.1784
219.98	537.5404	3.1892
220.69	542.4774	3.1987
221.12	537.4417	3.2054
221.2	532.406	3.2068
221.24	527.2715	3.2068
221.37	532.406	3.2054
221.4	537.4417	3.2054
221.42	542.4774	3.2068
221.58	547.5132	3.2108
221.98	545.4396	3.2162
223.2	540.3052	3.2365
223.34	545.3409	3.2351
223.39	550.3766	3.2365
223.98	551.6603	3.2473
225.26	546.5258	3.2648
225.38	551.5615	3.2621
225.4	556.5973	3.2662
225.98	556.5973	3.2756
227.35	561.5342	3.2959
227.98	564.2002	3.304
229.43	569.1372	3.3229
229.86	564.0027	3.331
229.98	561.3368	3.3323
231.41	566.57	3.3526
231.98	568.841	3.3607
233.16	563.7065	3.381
233.19	558.6708	3.3796
233.24	553.6351	3.381
233.32	548.5993	3.3823
233.36	553.6351	3.381
233.39	558.6708	3.3796

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
233.41	563.7065	3.3796
233.42	568.7423	3.3796
233.44	573.778	3.381
233.47	578.8137	3.3823
233.98	576.444	3.3904
235.1	571.3095	3.408
235.18	566.2738	3.4093
235.35	571.3095	3.4093
235.41	576.3452	3.4107
235.98	576.6415	3.4201
236.57	581.5785	3.4282
237.18	576.444	3.439
237.35	581.4797	3.4417
237.61	586.5155	3.4444
237.98	585.1331	3.4485
238.75	590.1688	3.4606
239.12	585.0344	3.466
239.39	590.0701	3.4687
239.98	591.7487	3.4768
241.12	586.5155	3.4957
241.22	581.4797	3.4971
241.33	586.6142	3.493
241.35	591.5512	3.4984
241.43	596.5869	3.4984
241.98	594.5134	3.5079
242.99	599.4504	3.5227
243.11	594.4147	3.5241
243.44	599.4504	3.5268
243.98	599.4504	3.5362
244.54	604.3874	3.5443
245.14	599.3517	3.5538
245.35	604.3874	3.5551
245.98	607.942	3.5646
247.12	602.8076	3.5821
247.17	597.7718	3.5835
247.2	592.7361	3.5848
247.24	587.7003	3.5835
247.29	582.6646	3.5862
247.4	587.7003	3.5835
247.42	592.7361	3.5835
247.43	597.7718	3.5808
247.45	602.8076	3.5835
247.46	607.8433	3.5848
247.49	612.879	3.5862
247.94	607.7446	3.5943
247.98	610.5093	3.5929
249.16	605.2761	3.6132
249.2	600.2403	3.6132
249.28	595.2046	3.6145
249.37	600.2403	3.6118
249.38	605.3748	3.6105
249.4	610.4105	3.6105
249.42	615.3475	3.6132
249.98	614.3601	3.6226
251.18	609.1269	3.6415

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
251.35	614.1627	3.6415
251.39	619.1984	3.6415
251.98	620.482	3.6537
253.21	615.3475	3.6713
253.37	620.3833	3.6699
253.42	625.419	3.6726
253.98	622.3581	3.6807
255.12	617.2236	3.6983
255.14	612.1879	3.6996
255.18	607.1521	3.6996
255.21	602.1164	3.701
255.23	597.0806	3.701
255.25	592.0449	3.701
255.28	587.0092	3.701
255.31	581.9734	3.7023
255.35	576.9377	3.7023
255.44	581.9734	3.6996
255.46	587.0092	3.6983
255.47	592.0449	3.6996
255.49	597.0806	3.6996
255.5	602.1164	3.6983
255.51	607.1521	3.6996
255.53	612.1879	3.6983
255.54	617.2236	3.6969
255.55	622.1606	3.6996
255.56	627.1963	3.6996
255.58	632.2321	3.7037
255.94	627.1963	3.7091
255.98	627.4926	3.7091
257.2	622.3581	3.728
257.33	627.3938	3.7266
257.39	632.4296	3.7293
257.98	634.4044	3.7374
259.15	629.1711	3.7577
259.2	624.1354	3.7577
259.34	629.1711	3.7563
259.38	634.2069	3.7577
259.41	639.2426	3.759
259.98	636.8729	3.7685
261.11	631.7384	3.786
261.15	626.7026	3.786
261.2	621.6669	3.786
261.26	616.6312	3.7874
261.37	621.6669	3.7847
261.39	626.7026	3.7847
261.41	631.7384	3.7847
261.43	636.7741	3.786
261.45	641.7111	3.7887
261.98	640.0325	3.7968
263.19	634.8981	3.8144
263.35	639.9338	3.8144
263.98	641.8099	3.8252
264.27	636.7741	3.8306
264.38	641.8099	3.8319
265.11	636.6754	3.8427

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
265.33	641.7111	3.8441
265.98	642.9947	3.8535
267.1	637.8603	3.8738
267.17	632.8245	3.8724
267.23	627.7888	3.8724
267.34	632.8245	3.8724
267.37	637.8603	3.8724
267.38	642.896	3.8724
267.98	644.4758	3.8846
269.19	639.3414	3.9021
269.32	644.3771	3.9021
269.42	649.3141	3.9048
269.51	644.2784	3.9062
269.6	639.2426	3.9075
269.98	637.8603	3.9129
271.16	632.7258	3.9305
271.29	637.7615	3.9318
271.37	642.7973	3.9318
271.98	644.3771	3.9426
273.08	639.2426	3.9602
273.12	634.2069	3.9589
273.16	629.1711	3.9629
273.18	624.2341	3.9629
273.2	619.1984	3.9616
273.24	614.1627	3.9616
273.26	609.1269	3.9616
273.3	604.0912	3.9629
273.41	609.1269	3.9602
273.43	614.1627	3.9602
273.45	619.1984	3.9589
273.46	624.2341	3.9575
273.47	629.2699	3.9589
273.49	634.2069	3.9589
273.5	639.2426	3.9589
273.51	644.2784	3.9602
273.53	649.3141	3.9629
273.58	654.2511	3.9643
273.77	649.2153	3.9683
273.98	650.5977	3.971
275.11	645.4632	3.9886
275.33	650.4002	3.9913
275.98	651.9801	4.0007
277.18	646.9443	4.0169
277.32	651.8813	4.0183
277.39	656.9171	4.0183
277.98	656.8183	4.0291
279.12	651.6838	4.0466
279.19	646.7468	4.0466
279.32	651.6838	4.0453
279.35	656.7196	4.0466
279.37	661.7553	4.0493
279.98	661.3604	4.0574
281.12	656.2259	4.0736
281.32	661.1629	4.075
281.41	666.1986	4.0777

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
281.98	664.8163	4.0858
283.14	659.6818	4.1047
283.33	664.6188	4.1074
283.98	665.31	4.1141
285.16	660.1755	4.1344
285.36	665.1125	4.133
285.37	670.1482	4.1344
285.98	669.3583	4.1452
286.39	674.394	4.1506
287.08	669.2596	4.1614
287.16	664.3226	4.1627
287.3	659.2868	4.1614
287.32	664.3226	4.1627
287.36	669.2596	4.1614
287.38	674.2953	4.1641
287.98	674.1966	4.1735
288.82	669.1608	4.187
289.06	664.1251	4.1897
289.37	669.0621	4.1924
289.98	667.3835	4.2019
291.37	672.518	4.2221
291.98	670.8394	4.2316
293.07	665.7049	4.2491
293.11	660.6692	4.2491
293.16	655.6334	4.2505
293.19	650.6964	4.2505
293.22	645.6607	4.2519
293.26	640.625	4.2519
293.29	635.688	4.2519
293.39	640.625	4.2491
293.42	645.6607	4.2491
293.43	650.6964	4.2491
293.45	655.6334	4.2478
293.46	660.6692	4.2478
293.47	665.7049	4.2491
293.49	670.6419	4.2532
293.94	665.6062	4.26
293.98	664.2238	4.2627
294.33	669.2596	4.2654
295.17	664.1251	4.2789
295.32	669.1608	4.2816
295.77	674.0978	4.2856
295.88	669.0621	4.2883
295.98	671.4318	4.2897
297.12	666.2974	4.3072
297.16	661.2616	4.3072
297.33	666.2974	4.3072
297.36	671.2344	4.3059
297.38	676.2701	4.3086
297.98	674.8877	4.318
299.12	669.7533	4.3369
299.17	664.7175	4.3383
299.2	659.7805	4.3369
299.23	654.7448	4.3369
299.28	649.709	4.3396

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
299.37	654.7448	4.3369
299.38	659.7805	4.3356
299.4	664.7175	4.3356
299.42	669.7533	4.3356
299.43	674.6903	4.3356
299.45	679.726	4.3383
299.98	676.9613	4.3477
300.84	671.9255	4.3599
301.15	666.8898	4.3653
301.32	671.8268	4.3653
301.98	673.1104	4.3761
303.11	667.9759	4.3936
303.2	663.0389	4.395
303.27	667.9759	4.3936
303.31	673.0117	4.3936
303.38	677.9487	4.3963
303.98	676.2701	4.4058
304.44	671.2344	4.4125
304.89	666.1986	4.4193
305.16	661.1629	4.422
305.32	666.0999	4.426
305.8	661.0641	4.4314
305.88	656.0284	4.4328
305.97	656.7196	4.4341
307.09	651.5851	4.4517
307.14	646.6481	4.453
307.18	641.6124	4.4544
307.21	636.6754	4.453
307.25	631.6396	4.4557
307.29	626.6039	4.453
307.36	631.6396	4.4517
307.38	636.6754	4.4517
307.4	641.6124	4.4517
307.41	646.6481	4.4503
307.42	651.5851	4.4517
307.44	656.6208	4.453
307.46	661.5578	4.4544
307.97	659.8793	4.4638
309.07	654.7448	4.4814
309.15	649.709	4.4814
309.32	654.7448	4.4787
309.34	659.6818	4.4814
309.38	664.7175	4.4827
309.97	661.9528	4.4922
310.86	667.186	4.5057
311.06	662.249	4.5097
311.15	657.2133	4.5111
311.3	662.249	4.5097
311.36	667.186	4.5124
311.89	662.1503	4.5205
311.97	659.7805	4.5205
312.08	664.8163	4.5205
313.09	659.6818	4.5381
313.31	664.6188	4.5421
313.97	665.2112	4.5489

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
315.1	660.1755	4.5665
315.3	665.1125	4.5692
315.97	668.3709	4.58
317.07	663.2364	4.5962
317.1	658.2994	4.5989
317.13	653.2637	4.5989
317.16	648.3267	4.5975
317.21	643.291	4.5989
317.23	638.354	4.5989
317.29	633.3182	4.5975
317.37	638.354	4.5962
317.39	643.291	4.5962
317.4	648.3267	4.5975
317.42	653.2637	4.5935
317.43	658.2994	4.5989
317.44	663.2364	4.5962
317.46	668.2722	4.5962
317.47	673.2092	4.5989
317.52	678.1462	4.6002
317.79	673.2092	4.6056
317.97	672.8142	4.6083
318.57	667.7785	4.6178
318.64	672.7155	4.6191
319.1	667.6797	4.6259
319.23	662.7427	4.6272
319.29	667.6797	4.6272
319.34	672.7155	4.6272
319.97	672.9129	4.638
321.05	667.8772	4.6542
321.87	662.7427	4.665
321.97	663.4339	4.665
323.05	658.2994	4.6826
323.1	653.3624	4.6839
323.13	648.3267	4.6866
323.16	643.3897	4.6839
323.19	638.354	4.6866
323.21	633.417	4.6853
323.25	628.48	4.6866
323.29	623.4442	4.6839
323.37	628.48	4.6826
323.38	633.417	4.6826
323.4	638.4527	4.6839
323.41	643.3897	4.6826
323.42	648.4254	4.6826
323.44	653.3624	4.6826
323.45	658.3982	4.6812
323.46	663.3352	4.6826
323.47	668.2722	4.6853
323.5	673.2092	4.688
323.67	668.2722	4.6907
323.97	667.186	4.6934
324.22	672.123	4.6988
324.27	667.186	4.7015
324.31	662.1503	4.7015
324.48	667.186	4.7015

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
325.13	662.1503	4.7136
325.18	657.1145	4.7136
325.32	662.1503	4.7136
325.35	667.0873	4.7136
325.39	672.0243	4.715
325.97	672.0243	4.7258
326.51	666.9885	4.7325
327.08	661.9528	4.742
327.31	666.8898	4.7433
327.97	668.7659	4.7541
329.09	663.7301	4.7717
329.14	658.6944	4.7717
329.2	653.7574	4.773
329.3	658.6944	4.7703
329.33	663.7301	4.769
329.35	668.6671	4.7703
329.37	673.6041	4.7717
329.97	672.6167	4.7811
331.12	667.4822	4.8
331.29	672.4192	4.8
331.39	677.3562	4.8027
331.97	675.6777	4.8095
333.12	670.6419	4.8284
333.3	675.5789	4.8297
333.97	678.8373	4.8392
334.35	673.8016	4.8459
334.71	678.7386	4.85
334.94	673.7029	4.8554
335.07	668.7659	4.8581
335.13	663.7301	4.8594
335.3	668.7659	4.8567
335.32	673.7029	4.8554
335.34	678.6399	4.8581
335.4	683.5769	4.8608
335.63	678.6399	4.8649
335.77	673.6041	4.8676
335.84	678.6399	4.8662
335.95	673.6041	4.8703
335.97	672.9129	4.8689
336.08	677.9487	4.8703
336.67	672.9129	4.8797
336.76	677.8499	4.8811
337.15	672.8142	4.8878
337.19	667.8772	4.8878
337.22	662.8415	4.8892
337.35	667.8772	4.8851
337.37	672.8142	4.8865
337.38	677.7512	4.8878
337.46	682.7869	4.8905
337.97	679.331	4.8986
339.04	674.2953	4.9135
339.38	679.2323	4.9175
339.97	680.121	4.927
341.04	675.0852	4.9445
341.29	680.0222	4.9459

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
341.97	680.9109	4.9567
343.12	675.8751	4.9742
343.29	680.8121	4.9756
343.43	685.7491	4.9769
343.97	683.6756	4.9864
345.1	678.6399	5.0012
345.29	683.8731	5.0053
345.97	684.4655	5.0134
347.37	689.6	5.0336
347.78	684.663	5.0417
347.97	687.9214	5.0431
349.04	682.8857	5.0593
349.14	677.8499	5.0606
349.26	682.8857	5.0593
349.29	687.8227	5.062
349.97	688.4151	5.0728
351.04	683.2806	5.0876
351.97	685.1567	5.1011
352.6	680.121	5.1106
353.05	675.184	5.1173
353.16	670.1482	5.1187
353.25	675.184	5.1173
353.28	680.121	5.1173
353.29	685.3542	5.1214
353.59	680.4172	5.1254
353.97	680.7134	5.1295
355.07	675.5789	5.147
355.34	680.8121	5.1511
355.73	675.8751	5.1551
355.84	680.8121	5.1551
355.97	676.8625	5.1605
357.34	681.997	5.1781
357.97	680.2197	5.1876
359.05	675.184	5.2038
359.3	680.121	5.2065
359.97	678.7386	5.2173
361.07	673.6041	5.2348
361.17	668.6671	5.2348
361.25	673.7029	5.2335
361.34	678.9361	5.2348
361.97	673.9003	5.2456
361.97	673.9003	5.247
362.22	679.1336	5.2497
362.85	674.0978	5.2591
363.78	679.331	5.2713
363.91	674.394	5.2753
363.97	674.9865	5.274
365.08	669.9507	5.2929
365.28	674.8877	5.2929
365.32	679.8247	5.2929
365.97	678.4424	5.3037
366.92	673.4066	5.3172
367.05	668.3709	5.3212
367.1	663.4339	5.3226
367.14	658.4969	5.3226

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
367.32	663.4339	5.3199
367.34	668.7659	5.3212
367.35	673.9991	5.3226
367.97	671.6293	5.3334
369.04	666.5936	5.3482
369.33	671.8268	5.3536
369.97	666.7911	5.3631
369.97	666.4948	5.3617
371.34	671.6293	5.382
371.71	666.5936	5.3887
371.97	669.9507	5.3901
373.04	664.8163	5.4063
373.08	659.8793	5.4076
373.27	664.8163	5.4076
373.33	670.0495	5.4103
373.97	668.0747	5.4198
375.97	667.8772	5.4468
377.14	662.7427	5.4657
377.2	667.6797	5.4643
377.36	673.0117	5.4684
377.97	670.5432	5.4779
378.74	665.6062	5.49
378.96	660.5704	5.4927
379.03	655.6334	5.4941
379.33	660.9654	5.4954
379.66	655.9297	5.5022
379.97	657.9045	5.5062
381.84	662.9402	5.5332
381.97	660.373	5.5346
383.03	655.2385	5.5521
383.27	660.4717	5.5548
383.97	663.0389	5.5643
385.04	658.0032	5.5805
385.32	663.2364	5.5845
385.97	661.5578	5.594
386.94	666.6923	5.6088
387.01	661.7553	5.6102
387.13	656.8183	5.6115
387.21	661.7553	5.6102
387.36	666.9885	5.6142
387.97	662.644	5.6237
389.35	667.7785	5.6426
389.97	667.0873	5.652
391.01	662.0515	5.6682
391.32	667.2848	5.6709
391.97	664.2238	5.6804
392.99	659.1881	5.6979
393.05	653.9549	5.6979
393.12	648.6229	5.6979
393.26	653.5599	5.6952
393.28	658.7931	5.6993
393.32	664.0263	5.7006
393.97	662.0515	5.7114
395.97	661.8541	5.7384
397.04	656.8183	5.7546

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
397.26	662.0515	5.756
397.97	661.6566	5.7668
399.07	656.6208	5.783
399.3	661.8541	5.7844
399.97	662.0515	5.7965
400.73	657.1145	5.8073
401.97	655.6334	5.8262
403.04	650.5977	5.8411
403.29	655.8309	5.8424
403.97	652.77	5.8559
404.07	658.1019	5.8546
404.16	653.0662	5.8586
405.04	648.1292	5.8708
405.12	642.896	5.8721
405.26	648.1292	5.8708
405.29	653.3624	5.8721
405.59	658.5956	5.8789
405.75	653.2637	5.8816
405.97	652.9675	5.8829
407.18	647.9317	5.9032
407.31	653.1649	5.9005
407.47	658.3982	5.9059
407.56	653.0662	5.9072
407.97	649.5116	5.9113
408.36	654.646	5.918
408.46	649.4128	5.9207
409.32	654.5473	5.9315
409.56	649.6103	5.9369
409.97	650.5977	5.941
411.01	645.562	5.9572
411.97	646.1544	5.9707
413.06	641.1187	5.9855
413.22	646.3519	5.9896
413.97	644.5746	5.999
415.33	649.709	6.0193
415.44	644.4758	6.0206
415.97	648.0305	6.0287
416.52	642.9947	6.0382
416.79	648.2279	6.0409
417	642.9947	6.0449
417.31	648.2279	6.0463
417.97	647.1418	6.0571
419.01	642.1061	6.0733
419.35	647.3393	6.0773
419.45	642.1061	6.0801
419.97	641.7111	6.0868
420.67	636.7741	6.0976
421.04	631.8371	6.1017
421.3	636.9716	6.1044
421.97	634.7006	6.1152
423	629.6648	6.1327
423.6	624.6291	6.1408
423.96	625.6165	6.1449
424.76	620.6795	6.157
425.96	619.1984	6.1732

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
427.96	619.0009	6.2029
429	614.0639	6.2178
429.39	619.1984	6.2218
429.78	614.2614	6.2286
429.96	616.5324	6.2313
430.66	611.5954	6.2421
431.96	612.4841	6.261
433.05	607.4483	6.2758
433.34	612.6816	6.2799
433.55	607.4483	6.2826
433.7	612.5828	6.2853
433.96	611.2992	6.2893
435	606.2635	6.3055
435.29	611.4967	6.3082
435.76	606.5597	6.3163
435.96	605.8685	6.319
436.47	600.9315	6.3271
437.03	595.9945	6.3352
437.24	601.129	6.3379
437.96	598.858	6.3474
439.96	597.9693	6.3771
441.02	593.0323	6.392
441.3	598.1668	6.3947
441.96	595.8958	6.4055
443.12	590.86	6.4217
443.25	596.0932	6.4244
443.96	595.0071	6.4352
445.96	592.2424	6.4635
447	587.2066	6.4784
447.35	592.4399	6.4824
447.96	589.7739	6.4919
449	584.7381	6.5067
449.96	585.6268	6.5216
451.02	580.6898	6.5378
451.96	581.8747	6.5499
453	576.9377	6.5661
453.3	582.0722	6.5688
453.96	580.6898	6.581
454.04	575.5553	6.581
455.03	570.5196	6.5972
455.18	575.7528	6.5958
455.96	575.6541	6.608
456.6	570.4208	6.6174
456.77	575.6541	6.6201
457.02	570.4208	6.6228
457.35	575.5553	6.6282
457.96	575.5553	6.6377
459.96	576.9377	6.666
460.8	572.0007	6.6782
461.88	567.0637	6.6944
461.96	568.3473	6.6944
462	573.4818	6.6958
463.04	568.5448	6.712
463.29	573.778	6.7133
463.96	572.3956	6.7241

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
464.74	567.4586	6.7349
465.96	565.3851	6.7538
466.17	570.5196	6.7565
466.23	565.3851	6.7579
466.88	560.0532	6.766
467.96	561.9292	6.7835
468.32	556.696	6.7876
469.56	561.8305	6.8038
469.64	556.5973	6.8092
469.84	561.8305	6.8092
469.96	557.5847	6.8119
471.69	552.5489	6.8362
471.76	557.6834	6.8362
471.96	557.3872	6.8402
472.97	552.4502	6.8551
473.26	557.5847	6.8578
473.93	552.6477	6.8699
473.96	553.3388	6.8686
474.81	548.4018	6.8821
474.93	553.5363	6.8834
474.99	548.3031	6.8848
475.32	553.5363	6.8875
475.67	548.3031	6.8956
475.96	549.8829	6.8983
476.31	544.6497	6.9023
477.07	539.4165	6.9145
477.2	544.6497	6.9145
477.58	539.4165	6.9239
477.96	539.3178	6.9266
479.03	534.3808	6.9428
479.23	539.614	6.9455
479.68	534.3808	6.9536
479.84	539.5152	6.955
479.96	539.5152	6.9563
480.97	534.5782	6.9725
481.51	539.7127	6.9766
481.96	536.4543	6.9847
483.96	534.677	7.0131
485.96	534.7757	7.0428
486.98	529.8387	7.0603
487.31	534.9732	7.0617
487.76	529.74	7.0698
487.96	531.4186	7.0725
489.02	526.4816	7.0873
489.96	526.9753	7.1008
490.97	522.0383	7.117
491.96	520.0635	7.1305
492.98	515.1265	7.1467
493.96	515.3239	7.1575
494.66	510.0907	7.171
494.85	515.3239	7.171
495.15	510.0907	7.1764
495.96	511.6706	7.1886
497.96	510.8806	7.2156
498.99	505.9436	7.2331

S3-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
499.3	511.0781	7.2358
499.51	505.8449	7.2385
499.96	507.4247	7.2453
501.33	502.4877	7.2669
501.96	501.5003	7.2736
503.96	500.0192	7.3047
504.95	494.786	7.3196
505.96	494.6873	7.3331
507.96	493.8974	7.3614
509.96	495.0822	7.3898
510.96	489.849	7.4046
511.96	491.0339	7.4208
513.2	485.8007	7.4384
513.96	486.3931	7.4478
515.96	484.912	7.4775
517	479.6788	7.4937
517.96	481.1599	7.5072
518.95	475.9267	7.5221
519.96	476.8153	7.5369
521.96	475.1368	7.5653
523.96	473.0632	7.5937
525.01	467.83	7.6099
525.96	467.0401	7.6234
527.96	465.6577	7.6531
529.54	460.7207	7.6747
529.96	460.0296	7.6814
531.84	455.0926	7.7084
531.96	457.3636	7.7098
533.96	454.5989	7.7381
535.96	454.1052	7.7678
536.94	448.9707	7.7827
537.96	451.4392	7.7962
539.96	450.6493	7.8259
541.33	445.416	7.8461
541.48	450.5505	7.8475
541.57	445.416	7.8502
541.96	448.5757	7.8542
543.95	448.082	7.8826
545.59	442.8488	7.9069
545.95	443.8362	7.9137
547.95	441.0715	7.942
548.95	435.937	7.9555
549.38	440.9727	7.9623
549.59	435.8383	7.9663
549.62	430.7038	7.9677
549.65	425.5693	7.9677
549.7	420.4348	7.969
549.75	415.3003	7.969
549.88	420.4348	7.969
549.91	425.5693	7.9677
549.94	430.7038	7.9677
549.95	432.6786	7.9663
549.97	437.7143	7.969
550.02	442.8488	7.9704
550.36	437.7143	7.9771

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S3-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
551.46	436.332	7.992

S3-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	4.8	0.0203
0.1719	10.1	0.0189
0.2105	15.4	0.0216
0.6358	20.7	0.0284
1.2926	25.9	0.0378
1.6601	31.2	0.0446
1.9998	34.1	0.0486
2.5803	39.3	0.0554
3.2739	44.6	0.0662
3.7368	49.9	0.0743
3.9997	51.3	0.0783
4.4952	56.6	0.0837
5.2549	61.9	0.0945
5.9339	67.1	0.1053
5.9995	66.4	0.108
6.6163	71.7	0.1161
7.4182	77	0.1283
7.9993	78	0.135
9.2729	83.3	0.1539
9.9992	85.1	0.1647
11.277	90.3	0.1823
11.999	91.7	0.1944
13.256	97	0.2106
13.999	98.7	0.2228
15.936	104	0.2511
15.999	104	0.2511
17.301	109.3	0.27
17.999	109.2	0.2808
19.297	114.5	0.297
19.998	116.6	0.3078
21.275	121.8	0.3281
21.998	121.8	0.3403
23.224	127.1	0.3565
23.998	128.5	0.3686
25.127	123.2	0.3875
25.309	128.4	0.3821
25.333	133.7	0.3848
25.998	134.4	0.397
27.149	129.1	0.4132
27.294	134.4	0.4118
27.336	139.7	0.4145
27.998	142.1	0.4267
29.674	147.3	0.4496
29.998	147	0.455
31.271	152.2	0.4739
31.997	152.5	0.4834
33.27	157.8	0.5009
33.997	158.8	0.5131
35.082	153.5	0.5306
35.308	158.8	0.5293
35.352	164	0.5333
35.997	165.1	0.5414
37.103	159.8	0.559
37.274	165	0.5563
37.374	170.3	0.5617

S5-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	-4	0.0338
0.2414	1.3	0.0338
0.2968	6.6	0.0297
0.3353	11.8	0.0338
1.2587	17.1	0.05
1.9998	19.6	0.0594
2.8776	24.9	0.0729
3.9997	26.3	0.0905
4.5374	31.6	0.0986
5.8166	36.8	0.1161
5.9995	37.2	0.1202
6.995	42.5	0.1323
7.9993	44.6	0.1485
8.3103	39.3	0.1553
8.572	44.6	0.1526
8.7163	49.9	0.1593
9.9548	55.1	0.1769
9.9992	54.4	0.1782
10.308	49.1	0.1836
10.497	54.4	0.1823
10.856	59.7	0.1904
11.996	65	0.2066
11.999	64.3	0.2066
12.226	59	0.2093
12.494	64.3	0.2106
12.875	69.5	0.2187
13.857	74.8	0.2336
13.999	74.8	0.2376
14.243	69.5	0.2403
14.5	74.8	0.2403
15.232	80.1	0.2552
15.999	85	0.266
17.052	90.2	0.2808
17.999	93.7	0.293
18.793	99	0.3065
19.819	104.3	0.32
19.998	104.3	0.3227
20.213	99	0.3281
20.301	93.7	0.3268
20.396	88.4	0.3322
20.44	83.2	0.3308
20.588	88.4	0.3308
20.665	93.7	0.3295
20.702	99	0.3281
20.728	104.3	0.3281
20.769	109.5	0.3322
21.772	114.8	0.3484
21.998	114.8	0.3511
22.239	109.5	0.3578
22.405	104.2	0.3578
22.492	109.5	0.3565
22.541	114.8	0.3565
22.707	120	0.3632
23.692	125.3	0.3767
23.998	125.3	0.3821

S6-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	13.42226	0.0365
0.3583	20.00677	0.0419
1.0141	26.7179	0.05
1.9745	33.42903	0.0648
1.9998	33.42903	0.0648
3.1956	40.14016	0.0824
3.9997	41.02654	0.0945
4.8523	47.73767	0.1094
5.0984	41.02654	0.1107
5.431	47.73767	0.1148
5.5786	41.02654	0.1161
5.7312	47.73767	0.1175
5.9995	42.29279	0.1242
6.0929	35.70828	0.1242
6.1514	42.29279	0.1256
6.1831	49.00392	0.1242
6.2285	55.71505	0.1283
6.2941	49.00392	0.1323
6.4143	55.71505	0.1323
6.5178	49.00392	0.1391
6.5599	42.29279	0.1404
6.5875	35.58166	0.1404
6.6068	28.99715	0.1404
6.6202	22.28602	0.1431
6.6355	15.57489	0.1431
6.6475	8.863758	0.1418
6.6587	2.152627	0.1431
6.6765	-4.5585	0.1364
6.8497	2.279252	0.1323
6.8811	8.863758	0.131
6.8994	15.57489	0.1296
6.9165	22.28602	0.1283
6.9284	28.99715	0.1283
6.9409	35.70828	0.1269
6.9506	42.29279	0.1296
6.9653	49.00392	0.1323
6.9921	55.71505	0.1377
7.9993	57.9943	0.1512
8.9283	64.57881	0.1647
9.9992	67.74443	0.1823
10.814	61.0333	0.1917
10.944	67.74443	0.1931
10.969	74.45557	0.1931
11.999	78.88744	0.2106
12.768	72.17631	0.2228
12.943	78.88744	0.2214
12.975	85.47195	0.2228
13.999	89.90383	0.2403
14.903	96.61496	0.2525
15.999	100.1605	0.2673
16.751	93.44933	0.2808
16.872	86.86483	0.2808
16.927	93.44933	0.2781
16.951	100.1605	0.2768
16.98	106.8716	0.2795

S6-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	4.912855	-0.0068
0.0939	-2.52661	-0.0068
0.281	4.912855	-0.0054
0.3217	12.35232	-0.0068
0.3563	19.79179	-0.0095
0.3807	27.23125	-0.0095
0.3958	34.67072	-0.0108
0.4134	42.11018	-0.0081
0.4429	49.54965	-0.0041
0.7438	56.98911	0.0014
1.0433	64.42858	0.0068
1.4906	71.86804	0.0135
1.9998	75.79833	0.0203
2.423	83.23779	0.0257
2.4903	75.79833	0.0311
2.5317	68.35886	0.0324
2.5795	60.9194	0.0311
2.6139	53.47993	0.0324
2.6725	46.04047	0.0324
2.7139	38.601	0.0324
2.7664	31.16154	0.0338
2.8512	23.72207	0.0338
2.9656	31.16154	0.0338
3.0061	38.601	0.0324
3.039	46.04047	0.0311
3.0683	53.47993	0.0311
3.088	60.9194	0.0297
3.1071	68.35886	0.0311
3.1217	75.79833	0.0284
3.14	83.23779	0.0297
3.1612	90.53689	0.0338
3.9997	90.53689	0.0473
5.2818	97.97636	0.0662
5.9995	98.95893	0.077
7.6862	106.3984	0.1013
7.9993	106.8195	0.108
9.9006	114.259	0.135
9.9992	114.259	0.1364
11.879	121.5581	0.1634
11.999	120.1544	0.1647
13.281	127.4535	0.185
13.348	120.1544	0.1863
13.691	127.4535	0.1904
13.999	128.015	0.1944
14.648	120.5755	0.2066
14.726	128.015	0.2025
15.999	133.9104	0.2228
16.521	126.4709	0.2322
16.587	119.0314	0.2336
16.665	111.592	0.2336
16.761	119.0314	0.2322
16.775	126.4709	0.2309
16.794	133.9104	0.2322
17.757	141.2095	0.2484
17.999	140.7884	0.2538

UCS Test Results, Stage Two

S5-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
37.997	171	0.5711
39.334	176.2	0.5914
39.997	176.2	0.5995
41.29	181.4	0.6184
41.997	183.5	0.6279
43.411	188.7	0.6495
43.996	189.4	0.6576
45.203	194.6	0.6751
45.996	196.7	0.6873
47.123	191.4	0.7062
47.272	196.7	0.7008
47.332	201.9	0.7048
47.996	203	0.7156
49.269	208.2	0.7345
49.996	210.2	0.7453
51.52	215.4	0.7669
51.996	215.8	0.7723
53.313	221	0.7926
53.996	223.1	0.802
55.334	228.3	0.8223
55.995	229.6	0.8317
57.277	234.9	0.8493
57.995	235.5	0.8601
59.265	240.7	0.8776
59.995	242.1	0.8911
61.322	247.3	0.9087
61.995	248	0.9195
62.861	253.2	0.9317
63.03	247.9	0.9357
63.283	253.2	0.9344
63.995	255.9	0.9479
65.238	261.1	0.9654
65.995	264.2	0.9762
67.075	259	0.9938
67.26	264.2	0.9911
67.318	269.4	0.9965
67.994	269.4	1.0059
68.782	274.6	1.0167
69.032	269.4	1.0221
69.232	274.6	1.0221
69.994	277.7	1.0343
71.04	272.4	1.0491
71.268	277.6	1.0505
71.302	282.9	1.0532
71.994	284.6	1.064
73.247	289.8	1.0815
73.994	291.8	1.0923
75.257	297	1.1099
75.994	298.7	1.1207
77.26	303.9	1.1396
77.994	306.7	1.1504
79.113	301.4	1.1679
79.22	306.6	1.1652
79.26	311.8	1.1693
79.993	314.2	1.1801

S5-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
24.3	120	0.3875
24.471	125.3	0.3848
24.675	130.5	0.3902
25.729	135.8	0.4064
25.998	136.8	0.4091
26.212	131.6	0.4172
26.244	126.3	0.4186
26.315	121	0.4186
26.371	115.8	0.4213
26.416	110.5	0.4186
26.524	115.8	0.4159
26.566	121	0.4159
26.599	126.3	0.4132
26.619	131.6	0.4118
26.637	136.8	0.4145
26.671	142.1	0.4199
27.685	147.3	0.4348
27.998	147.3	0.4388
28.65	152.6	0.4483
29.591	157.8	0.4618
29.998	158.2	0.4672
30.484	163.4	0.4739
31.267	168.7	0.4888
31.997	170.1	0.4955
32.507	175.3	0.5036
33.348	180.6	0.5171
33.997	183	0.5266
34.216	177.7	0.532
34.28	172.5	0.5333
34.507	177.7	0.532
34.538	183	0.5306
34.623	188.2	0.5347
35.389	193.5	0.5482
35.997	195.6	0.5549
36.274	190.3	0.5617
36.437	195.6	0.5576
36.669	200.8	0.5657
37.445	206	0.5765
37.997	207.8	0.5847
38.269	202.5	0.5901
38.462	207.8	0.5873
38.543	213	0.5927
39.445	218.3	0.6049
39.997	220.7	0.613
40.238	215.4	0.6225
40.258	210.2	0.6198
40.291	204.9	0.6198
40.35	199.7	0.6198
40.552	204.9	0.6198
40.582	210.2	0.6171
40.61	215.4	0.6198
40.641	220.7	0.6171
40.724	225.9	0.6252
41.219	231.2	0.6306
41.407	225.9	0.636

S6-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
17.999	111.3035	0.297
18.926	117.888	0.3079
19.998	123.2062	0.3268
20.923	129.9174	0.3389
21.998	134.8557	0.3551
22.793	128.1446	0.3673
22.91	134.7291	0.3632
22.94	141.4402	0.3673
23.998	147.265	0.3835
24.771	140.5539	0.397
24.897	147.265	0.3943
24.938	153.8495	0.397
25.923	160.5606	0.4118
25.998	157.9015	0.4132
26.884	164.486	0.424
27.582	171.1972	0.4361
27.998	170.6907	0.4415
28.403	177.4018	0.4469
28.713	170.6907	0.4523
28.923	177.4018	0.4523
29.303	183.9863	0.4604
29.998	186.2655	0.4712
30.881	192.85	0.4834
31.763	199.4346	0.4955
31.997	199.9411	0.4996
32.602	206.5256	0.509
32.753	199.9411	0.5104
32.88	206.5256	0.5117
33.501	213.2367	0.5225
33.997	215.3893	0.5293
34.922	222.1004	0.5414
35.449	228.685	0.5495
35.997	229.5713	0.5576
36.544	236.1558	0.5657
37.303	242.867	0.5765
37.997	246.7923	0.5873
38.881	253.5035	0.5995
39.486	260.088	0.6076
39.997	264.0134	0.6157
40.74	257.4289	0.6265
40.907	264.0134	0.6265
40.931	270.7245	0.6265
41.308	277.309	0.6346
41.997	280.348	0.6441
42.874	287.0591	0.6562
43.367	293.6436	0.6657
43.996	297.1891	0.6751
44.797	290.478	0.6859
44.872	297.1891	0.6846
44.905	303.7736	0.6846
45.006	310.4848	0.6886
45.996	315.2965	0.7035
46.741	308.5854	0.7143
46.912	315.2965	0.7116
46.941	321.881	0.7143

S6-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
18.521	133.3489	0.2606
18.604	125.9094	0.2619
18.711	133.3489	0.2606
18.753	140.7884	0.2619
19.931	148.0875	0.2795
19.998	144.1572	0.2822
20.568	136.7177	0.2916
20.729	144.1572	0.2903
20.78	151.5967	0.293
21.998	152.0178	0.3106
23.473	159.4572	0.3322
23.998	153.0003	0.3389
24.13	160.4398	0.3403
25.998	164.7912	0.3686
27.744	172.0903	0.3929
27.998	170.6866	0.3983
29.683	177.9857	0.4213
29.998	172.0903	0.428
30.286	179.3894	0.4307
30.494	172.0903	0.4348
30.722	179.3894	0.4375
31.997	182.3371	0.455
32.532	174.8976	0.4645
32.742	182.3371	0.4645
33.997	186.6885	0.4861
34.967	194.1279	0.4982
35.997	193.5665	0.5144
37.444	200.8656	0.5333
37.543	193.5665	0.5374
37.904	200.8656	0.5414
37.997	200.4445	0.5401
39.997	204.3748	0.5711
40.554	196.9353	0.5806
40.656	189.4958	0.5819
40.719	196.9353	0.5806
40.753	204.2344	0.5792
41.997	209.7087	0.6008
43.996	214.0601	0.6292
45.958	221.3592	0.6589
45.996	218.4115	0.6589
47.483	225.7106	0.6792
47.996	224.1665	0.6873
49.573	231.606	0.7102
49.996	232.4482	0.7156
51.996	235.3959	0.7453
53.494	242.695	0.7683
53.996	241.7124	0.7764
55.995	247.0464	0.8034
56.522	239.6069	0.8115
56.68	247.0464	0.8142
56.877	254.3455	0.8155
56.942	247.0464	0.8182
57.214	254.3455	0.8223
57.995	253.3629	0.8317
58.521	245.9235	0.8412

UCS Test Results, Stage Two

S5-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
81.226	319.4	1.1976
81.993	321.8	1.2098
83.056	316.5	1.2274
83.215	321.8	1.222
83.245	327	1.226
83.993	329.7	1.2382
85.011	324.4	1.2557
85.134	319.2	1.2557
85.24	324.4	1.253
85.283	329.7	1.253
85.343	334.9	1.2571
85.993	336.9	1.2665
87.28	342.1	1.2841
87.993	342.8	1.2962
88.786	347.9	1.307
88.975	342.7	1.3097
89.058	337.5	1.3111
89.207	342.7	1.3097
89.255	347.9	1.3111
89.943	353.1	1.3246
89.993	352.1	1.3246
91.224	357.2	1.3408
91.992	360	1.3529
92.862	365.1	1.3664
92.97	359.9	1.3678
93.2	365.1	1.3718
93.992	368.6	1.3826
94.97	363.3	1.3988
95.07	358.1	1.3988
95.194	363.3	1.3975
95.234	368.5	1.3988
95.259	373.7	1.4002
95.992	375.7	1.4123
96.785	380.9	1.4231
96.93	375.7	1.4258
96.987	370.5	1.4285
97.079	365.2	1.4299
97.175	370.5	1.4272
97.218	375.7	1.4258
97.248	380.9	1.4272
97.992	382.9	1.4407
98.619	388.1	1.4488
98.971	382.9	1.4569
99.212	388.1	1.4555
99.992	392.2	1.469
101.22	397.3	1.4866
101.99	398.7	1.496
102.9	403.8	1.5109
102.96	398.6	1.5149
103	393.4	1.5122
103.24	398.6	1.5136
103.28	403.8	1.5163
103.99	406.2	1.5271
105.25	411.3	1.5447
105.99	412.3	1.5568

S5-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
41.564	231.2	0.636
41.997	234.3	0.6414
42.681	239.5	0.6508
43.296	244.8	0.6616
43.996	247.9	0.6724
44.234	242.6	0.6778
44.325	237.4	0.6751
44.465	242.6	0.6765
44.493	247.9	0.6778
44.577	253.1	0.6792
45.486	258.3	0.6927
45.996	259	0.7008
46.442	264.3	0.7062
47.078	269.5	0.717
47.701	274.7	0.7251
47.996	274.4	0.7278
48.206	269.1	0.7345
48.238	263.8	0.7359
48.268	258.6	0.7372
48.307	253.3	0.7359
48.339	248.1	0.7386
48.381	242.8	0.7386
48.559	248.1	0.7359
48.59	253.3	0.7345
48.611	258.6	0.7359
48.63	263.8	0.7345
48.653	269.1	0.7345
48.674	274.3	0.7332
48.703	279.6	0.7386
49.196	284.8	0.7467
49.984	290	0.7575
49.996	291.1	0.7588
50.855	296.3	0.771
51.418	301.5	0.7791
51.996	304.3	0.7872
52.223	299	0.7939
52.287	293.8	0.7926
52.386	288.5	0.7939
52.47	293.8	0.7926
52.493	299	0.7899
52.507	304.3	0.7899
52.676	309.5	0.7966
53.221	314.7	0.8047
53.996	318.5	0.8155
54.222	313.3	0.8209
54.323	308	0.8223
54.471	313.3	0.8196
54.49	318.5	0.8196
54.676	323.8	0.8263
55.32	329	0.8358
55.853	334.2	0.8439
55.995	334.5	0.8452
56.204	329.3	0.8493
56.428	334.5	0.852
56.654	339.8	0.8547

S6-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
47.053	328.4655	0.7183
47.996	332.8974	0.7318
48.593	339.4819	0.7413
48.681	332.8974	0.7426
48.868	339.4819	0.7453
49.227	346.1931	0.7494
49.994	352.7776	0.7602
49.996	352.2711	0.7602
50.876	358.9822	0.7737
51.43	365.5667	0.7818
51.996	368.9856	0.7899
52.572	375.6967	0.7993
52.703	368.9856	0.8007
52.872	375.6967	0.8007
52.977	382.2812	0.8047
53.957	388.8657	0.8196
53.996	387.4728	0.8196
54.554	394.184	0.8277
54.72	387.4728	0.829
54.873	394.184	0.8317
55.034	400.7685	0.8331
55.873	407.353	0.8452
55.995	407.7329	0.8493
56.875	414.444	0.8601
57.296	421.0285	0.8682
57.995	425.3337	0.8776
58.576	432.0449	0.8844
58.663	425.3337	0.8884
58.717	418.7492	0.8884
58.786	412.0381	0.8884
58.93	418.7492	0.8871
58.952	425.3337	0.8871
58.967	431.9183	0.8884
58.995	438.6294	0.8911
59.952	445.2139	0.906
59.995	443.821	0.906
60.875	450.4055	0.9182
61.077	457.1167	0.9222
61.316	450.4055	0.9249
61.336	443.821	0.9249
61.383	437.1099	0.9249
61.471	430.5254	0.9263
61.995	433.9443	0.9357
62.593	440.5288	0.9452
62.995	447.2399	0.9492
63.638	453.8244	0.96
63.995	455.4705	0.9641
64.354	462.1817	0.9695
64.938	468.7662	0.9762
65.675	475.3507	0.987
65.995	477.8832	0.9938
66.557	484.5943	1.0019
66.644	477.8832	1.0046
66.894	484.4677	1.0046
66.935	491.1788	1.0059

S6-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
58.637	253.3629	0.8398
59.487	260.662	0.8533
59.995	261.0831	0.8614
61.731	268.3822	0.8857
61.995	267.9611	0.8898
62.514	260.5217	0.8979
62.704	267.9611	0.8992
63.267	275.2602	0.9087
63.995	274.6988	0.9195
65.306	281.9979	0.9371
65.995	281.9979	0.9492
67.671	289.297	0.9722
67.994	287.3318	0.9776
68.849	294.6309	0.9897
69.994	293.508	1.0073
70.578	286.2089	1.014
70.644	293.508	1.014
70.743	300.9474	1.0167
71.994	301.7896	1.037
72.825	309.0887	1.0478
73.994	310.0713	1.064
75.119	317.3704	1.0788
75.205	310.0713	1.0815
75.395	317.3704	1.0842
75.994	318.7741	1.0937
76.495	311.475	1.1018
76.675	318.7741	1.1018
77.138	326.0732	1.1085
77.552	318.7741	1.1166
77.659	326.0732	1.1166
77.994	323.1255	1.1207
78.704	330.4246	1.1328
79.993	334.2145	1.1504
81.92	341.5136	1.1774
81.993	337.1622	1.1801
82.74	344.4613	1.1895
83.993	343.8998	1.2084
84.738	351.1989	1.2193
85.993	350.6375	1.2368
86.405	357.9366	1.2449
86.451	350.4971	1.2449
86.702	357.9366	1.249
87.781	365.0953	1.2652
87.993	358.7788	1.2679
88.201	366.0779	1.2692
88.47	358.7788	1.2733
88.609	366.0779	1.276
89.521	373.377	1.2895
89.993	371.8329	1.2962
90.698	379.132	1.307
91.992	381.5183	1.3246
92.778	388.8174	1.3354
93.992	388.2559	1.3543
94.937	395.555	1.3691
95.992	397.9412	1.3826

UCS Test Results, Stage Two

S5-1		7 days	S5-2		7 days	S6-1		7 days	S6-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
106.66	417.5	1.5663	57.412	345	0.8655	67.994	497.2568	1.0221	96.741	405.2403	1.3934
106.97	412.3	1.5744	57.995	348.1	0.8736	68.535	503.8413	1.0289	97.807	412.3991	1.4096
107.01	407.1	1.573	58.278	342.8	0.879	68.663	497.2568	1.0329	97.964	405.1	1.411
107.08	401.9	1.5744	58.423	348.1	0.879	68.87	503.8413	1.0343	97.992	407.0651	1.411
107.21	407.1	1.5717	58.478	353.3	0.8803	69.139	510.4258	1.0383	98.298	414.3642	1.415
107.24	412.3	1.5717	58.979	358.5	0.8898	69.994	514.3512	1.0505	98.365	407.0651	1.4177
107.27	417.5	1.573	59.2	353.3	0.8925	70.295	520.9357	1.0545	98.697	414.3642	1.4231
107.84	422.6	1.5825	59.265	358.5	0.8925	71.035	527.5202	1.0653	99.969	421.6633	1.4407
107.99	420.2	1.5852	59.614	363.7	0.8979	71.934	534.1047	1.0775	99.992	422.0844	1.442
108.6	425.4	1.5946	59.995	362.7	0.902	71.994	533.2183	1.0802	100.36	414.7853	1.4474
108.93	420.1	1.6014	60.305	357.4	0.9114	72.435	539.8028	1.0869	100.7	422.0844	1.4488
108.99	414.9	1.6014	60.444	362.6	0.906	72.729	533.0917	1.091	101.5	429.2431	1.4623
109.18	420.1	1.6	60.493	367.9	0.9101	72.866	539.8028	1.0923	101.99	431.2083	1.4704
109.22	425.3	1.6014	60.916	373.1	0.9155	73	546.3874	1.095	102.48	423.9092	1.4771
109.9	430.5	1.6135	61.517	378.3	0.9249	73.757	552.9719	1.1045	102.65	431.2083	1.4785
109.99	429.8	1.6149	61.995	382.1	0.933	73.994	551.579	1.1085	103.2	438.5074	1.4879
110.99	424.5	1.6311	62.593	387.3	0.9398	74.414	558.1635	1.1139	103.99	439.3496	1.4987
111.09	419.3	1.6297	63.331	392.5	0.9506	74.704	551.579	1.1193	104.77	446.6487	1.5095
111.18	424.5	1.6297	63.987	397.7	0.9587	74.856	558.1635	1.1193	105.95	453.9478	1.5271
111.22	429.7	1.6284	63.995	398.4	0.9614	75.035	564.748	1.1247	105.99	452.9652	1.5285
111.26	434.9	1.6324	64.226	393.2	0.9641	75.896	571.3325	1.1369	106.5	445.5257	1.5339
111.99	436.9	1.6446	64.447	398.4	0.9654	75.994	572.5988	1.1382	106.59	452.8248	1.5366
112.76	442.1	1.654	64.713	403.6	0.9708	76.913	579.1833	1.1504	107.19	460.1239	1.5447
113.06	436.9	1.6581	65.278	408.8	0.9789	77.291	585.7678	1.1571	107.99	462.0891	1.5568
113.18	442.1	1.6594	65.973	414	0.9897	77.918	592.3523	1.1666	108.5	454.6496	1.5649
113.76	447.2	1.6675	65.995	413.7	0.9897	77.994	588.3003	1.1666	108.65	461.9487	1.5663
113.99	445.5	1.6729	66.285	408.4	0.9924	78.512	594.8848	1.1747	108.81	469.2478	1.5676
114.62	450.7	1.681	66.424	413.6	0.9978	78.971	601.4693	1.1801	109.99	471.2129	1.5865
114.94	445.4	1.6864	66.702	418.9	0.9992	79.975	608.0538	1.1963	110.43	478.3717	1.5933
115.18	450.6	1.6878	67.131	424.1	1.0059	79.993	606.6609	1.1963	110.47	471.0726	1.5946
115.99	451.6	1.7013	67.778	429.3	1.0154	80.354	613.2454	1.2003	110.79	478.3717	1.5973
116.46	456.8	1.708	67.994	431.3	1.0194	80.664	606.6609	1.2057	111.92	485.6708	1.6135
116.97	451.5	1.7175	68.274	426.1	1.0248	80.854	613.2454	1.2057	111.99	485.6708	1.6149
117.06	446.3	1.7148	68.422	431.3	1.0262	80.99	619.8299	1.2111	113.1	492.8295	1.6311
117.17	451.5	1.7175	68.721	436.5	1.0289	81.893	626.4144	1.222	113.99	494.7946	1.6432
117.22	456.7	1.7175	69.249	441.8	1.0356	81.993	625.9079	1.2247	114.7	501.9534	1.6554
117.94	461.9	1.731	69.299	436.5	1.0383	82.864	632.4924	1.2368	115.64	509.2525	1.6662
117.99	460.5	1.731	69.488	441.7	1.041	83.427	639.0769	1.2449	115.99	508.2699	1.6729
118.86	465.6	1.7431	69.876	446.9	1.0464	83.993	644.6484	1.253	116.76	515.4286	1.6837
118.99	460.4	1.7458	69.994	447.6	1.0478	84.93	651.2329	1.2679	117.87	522.7277	1.6999
119.18	465.6	1.7472	70.707	452.8	1.0586	85.548	657.8175	1.2746	117.99	519.78	1.7013
119.99	469.3	1.7593	71.127	458	1.0653	85.993	659.9701	1.2827	118.68	526.9388	1.7121
120.98	464.1	1.7742	71.69	463.2	1.0721	86.543	666.5546	1.2895	119.64	534.2378	1.7256
121.19	469.3	1.7742	71.918	458	1.0775	87.093	673.0125	1.2989	119.99	532.2727	1.731
121.23	474.5	1.7755	71.994	458.7	1.0761	87.993	675.6716	1.3111	120.6	539.5718	1.7391
121.99	477.2	1.789	72.12	463.9	1.0802	88.876	682.1295	1.3232	121.74	546.7305	1.7553
123.27	482.3	1.8066	72.259	458.6	1.0815	89.308	688.714	1.3313	121.99	545.1865	1.7593
123.99	479.1	1.8174	72.426	463.9	1.0802	89.993	692.6394	1.3408	122.72	552.4856	1.7688
124.35	484.3	1.8214	72.511	469.1	1.0842	90.757	685.9282	1.3529	123.25	559.7847	1.7782
125.01	479	1.8336	73.176	474.3	1.0937	90.845	692.5127	1.3502	123.99	557.2581	1.789
125.16	484.2	1.8323	73.869	479.5	1.1045	90.864	699.0972	1.3543	124.34	564.5572	1.7931
125.71	489.4	1.8417	73.994	480.8	1.1072	91.264	705.6817	1.3583	124.42	557.1177	1.7971
125.99	488.3	1.8444	74.536	486	1.1126	91.911	712.2663	1.3691	124.46	549.959	1.7971
127.17	493.4	1.862	75.151	491.2	1.1234	91.992	711.3799	1.3691	124.51	542.6599	1.7971
127.67	498.6	1.8701	75.756	496.4	1.1315	92.87	717.8378	1.3826	124.58	535.3608	1.7971

UCS Test Results, Stage Two

S5-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.99	497.2	1.8755
129.26	502.3	1.893
129.99	506	1.9038
131.02	500.8	1.92
131.13	506	1.9187
131.27	511.1	1.9241
131.99	512.8	1.9335
132.77	517.9	1.9443
133.93	523	1.9605
133.99	523	1.9619
135.24	528.1	1.9808
135.99	530.5	1.9929
136.97	525.2	2.0037
137.08	530.4	2.0078
137.27	535.6	2.0091
137.99	536.9	2.0199
138.81	542	2.0321
138.95	536.8	2.0361
139.2	542	2.0361
139.91	547.1	2.0483
139.99	546.4	2.0496
140.84	551.5	2.0618
140.93	546.3	2.0645
141.25	551.5	2.0658
141.99	554.2	2.078
142.96	548.9	2.0955
143.16	554.1	2.0928
143.23	559.3	2.0955
143.99	561.3	2.1063
144.87	566.4	2.1198
144.92	561.1	2.1252
144.94	556	2.1225
145	550.8	2.1225
145.06	545.6	2.1239
145.09	540.5	2.1225
145.2	545.6	2.1225
145.22	550.8	2.1212
145.24	556	2.1212
145.26	561.2	2.1225
145.29	566.3	2.1266
145.86	571.5	2.1347
145.99	568	2.1374
146.41	573.1	2.1415
147.03	567.9	2.1536
147.11	562.7	2.1536
147.22	567.9	2.1509
147.25	573.1	2.1536
147.75	578.2	2.1631
147.99	576.1	2.1644
148.66	581.2	2.1739
148.75	576	2.1779
148.91	581.2	2.1806
148.97	576	2.182
149.2	581.2	2.1806
149.99	582.8	2.1941

S5-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
75.994	497.8	1.1355
76.574	503	1.145
77.028	508.2	1.1504
77.663	513.4	1.1598
77.994	514.7	1.1652
78.22	509.5	1.1666
78.358	514.7	1.1706
78.489	519.9	1.1706
79.053	525.1	1.1801
79.608	530.3	1.1855
79.993	531	1.1936
80.218	525.7	1.2004
80.279	520.5	1.1976
80.404	525.7	1.1976
80.427	530.9	1.1976
80.478	536.2	1.199
80.909	541.3	1.2071
81.576	546.5	1.2166
81.952	551.7	1.2206
81.993	550.7	1.222
82.202	545.4	1.226
82.259	540.2	1.2287
82.425	545.4	1.2247
82.453	550.6	1.2247
82.529	555.9	1.2301
82.909	561	1.2355
83.571	566.2	1.2449
83.993	567.2	1.2503
84.193	562	1.2544
84.274	556.7	1.2557
84.426	562	1.2557
84.452	567.2	1.2544
84.494	572.4	1.2584
84.81	577.6	1.2638
85.022	572.4	1.2652
85.109	577.6	1.2665
85.468	582.8	1.2706
85.993	586.2	1.2814
86.199	581	1.2854
86.291	575.7	1.2841
86.408	581	1.2854
86.438	586.2	1.2841
86.583	591.4	1.2881
87.014	596.6	1.2935
87.548	601.7	1.3016
87.993	602.7	1.3097
88.45	607.9	1.3151
88.643	613.1	1.3192
88.654	607.9	1.3205
88.899	613.1	1.3232
89.371	618.3	1.3286
89.993	621.7	1.3367
90.173	616.5	1.3408
90.253	611.2	1.3408
90.338	606	1.3448

S6-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
93.445	724.4223	1.3907
93.992	726.5749	1.3988
94.367	733.1594	1.4042
94.635	726.4483	1.4083
94.693	719.8638	1.4096
94.867	726.4483	1.411
94.899	733.0328	1.411
94.941	739.6173	1.411
95.842	746.2018	1.4258
95.992	745.6953	1.4285
96.844	752.2798	1.438
97.003	758.7377	1.442
97.943	765.3222	1.4555
97.992	764.4358	1.4569
98.695	757.7247	1.4677
98.852	764.3092	1.4663
98.875	770.8937	1.4677
99.14	777.4782	1.4744
99.992	782.2899	1.4852
100.56	788.7478	1.4933
100.66	782.1633	1.4974
100.88	788.7478	1.4974
101.24	795.3323	1.5041
101.99	799.6376	1.5163
102.85	806.0955	1.5258
103.16	812.68	1.5312
103.99	816.9852	1.5447
104.3	823.4431	1.5487
104.63	816.8586	1.5541
104.84	823.4431	1.5555
105.02	830.0276	1.5582
105.99	832.94	1.573
106.55	839.5245	1.5811
106.71	832.94	1.5838
106.78	839.5245	1.5838
107.16	845.9824	1.5906
107.78	852.5669	1.5987
107.99	852.0604	1.6027
108.9	858.5183	1.6149
109.16	865.1028	1.6189
109.99	869.7879	1.6311
110.84	876.2458	1.6419
111.03	882.8303	1.6459
111.99	885.7427	1.6608
112.4	892.3272	1.6662
112.64	885.7427	1.6702
112.84	892.3272	1.6716
112.99	898.9117	1.6743
113.5	905.3695	1.6824
113.99	903.9767	1.6891
114.47	910.5612	1.6959
114.64	903.85	1.6972
114.85	910.4346	1.6999
114.98	917.0191	1.7026
115.99	921.7042	1.7175

S6-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
124.71	542.6599	1.7985
124.73	549.959	1.7958
124.76	557.1177	1.7958
124.78	564.4168	1.7971
124.82	571.7159	1.8012
125.2	564.4168	1.8066
125.32	571.7159	1.8079
125.99	573.1196	1.8187
126.8	580.2783	1.8296
127.9	587.5774	1.8458
127.99	582.6646	1.8458
128.68	589.8233	1.8566
129.42	597.1224	1.8674
129.99	595.1572	1.8741
130.76	602.316	1.8876
131.77	609.4747	1.9025
131.99	609.0536	1.9038
132.67	616.2123	1.9133
133.91	623.3711	1.9322
133.99	620.0023	1.9335
134.75	627.161	1.9443
135.6	634.4601	1.9565
135.99	636.8463	1.9646
136.77	644.0051	1.9727
137.99	644.4262	1.9902
138.13	651.7253	1.9929
138.46	644.2858	1.9983
138.61	651.5849	2.001
139.29	658.7436	2.0105
139.99	660.1473	2.0213
140.73	667.4464	2.0307
141.73	674.6051	2.0456
141.99	676.4299	2.051
142.87	683.729	2.0618
143.99	689.3437	2.0793
144.34	682.0446	2.0847
144.49	689.3437	2.0861
145.07	696.5024	2.0942
145.99	695.5198	2.1077
146.49	702.6786	2.1144
146.56	695.3795	2.1171
146.72	702.6786	2.1171
147.17	709.8373	2.1252
147.99	712.785	2.1361
148.79	719.9438	2.1469
148.89	712.6447	2.1509
149	719.9438	2.1496
149.78	727.1025	2.1631
149.99	728.5062	2.1671
151.06	735.6649	2.182
151.99	740.4374	2.1941
153.3	747.4557	2.213
153.99	748.8594	2.2238
154.61	756.0181	2.2319
154.69	748.8594	2.2346

UCS Test Results, Stage Two

S5-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
150.71	588	2.2036
150.93	582.7	2.2103
150.98	577.6	2.2103
151.03	572.4	2.213
151.16	577.6	2.2063
151.17	582.7	2.209
151.22	587.9	2.2103
151.82	593	2.2225
151.99	591.3	2.2198
152.86	596.4	2.2346
152.9	591.2	2.2373
152.99	586	2.2373
153.09	580.8	2.2414
153.16	586	2.2373
153.19	591.2	2.236
153.28	596.3	2.2414
153.99	596.3	2.2535
154.96	591	2.2684
155.01	585.8	2.2684
155.1	580.7	2.2684
155.19	585.8	2.267
155.2	591	2.267
155.24	596.2	2.2684
155.42	601.3	2.2724
155.99	600.2	2.2819
156.3	605.4	2.2846
156.95	600.1	2.2967
157.01	595	2.2954
157.13	600.1	2.2994
157.2	605.3	2.2981
157.6	610.4	2.3048
157.99	609.7	2.3089
158.78	614.8	2.3224
158.93	609.6	2.321
159.15	614.8	2.3251
159.99	617.1	2.3386
160.5	622.2	2.3453
160.92	617	2.3548
160.97	611.8	2.3548
161.18	617	2.3507
161.23	622.2	2.3561
161.74	627.3	2.3656
161.99	625.2	2.3683
162.47	630.3	2.3777
162.94	625.1	2.3804
163.04	619.9	2.3858
163.13	625.1	2.3831
163.17	630.2	2.3845
163.74	635.3	2.3939
163.99	633.3	2.3953
164.41	638.4	2.402
164.92	633.2	2.4101
165.18	638.3	2.4142
165.86	643.4	2.4236
165.99	642.7	2.4263

S5-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
90.433	611.2	1.3421
90.464	616.5	1.3408
90.484	621.7	1.3421
90.588	626.9	1.3448
90.936	632.1	1.3516
91.511	637.2	1.3597
91.992	640.3	1.3651
92.182	635.1	1.3718
92.232	629.8	1.3732
92.262	624.6	1.3732
92.451	629.8	1.3705
92.469	635.1	1.3705
92.482	640.3	1.3691
92.668	645.5	1.3759
93.005	650.6	1.3813
93.671	655.8	1.3921
93.992	656.8	1.3948
94.312	651.6	1.3988
94.386	656.8	1.4002
94.419	662	1.3988
94.425	656.8	1.4002
94.531	662	1.4029
94.808	667.2	1.4083
95.444	672.3	1.4164
95.992	672.9	1.4258
96.408	678.1	1.4285
96.724	683.3	1.4339
97.165	688.5	1.442
97.647	693.7	1.4474
97.661	688.4	1.4501
97.943	693.6	1.4528
97.992	692.9	1.4528
98.184	687.7	1.4582
98.392	692.9	1.4555
98.466	698.1	1.4596
98.803	703.3	1.4636
99.42	708.4	1.4758
99.807	713.6	1.4812
99.823	708.4	1.4812
99.992	709.7	1.4839
100.23	704.5	1.4866
100.42	709.7	1.4866
100.46	714.9	1.4879
100.74	720.1	1.4933
101.24	725.3	1.5001
101.89	730.4	1.5109
101.99	729.3	1.5123
102.18	724.1	1.5177
102.21	718.9	1.5163
102.29	713.7	1.5177
102.44	718.9	1.5149
102.46	724.1	1.5163
102.48	729.3	1.5149
102.58	734.5	1.5204
102.96	739.6	1.5271

S6-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
116.82	928.1621	1.7296
117.03	934.7466	1.7337
117.96	941.2045	1.7445
117.99	941.5843	1.7485
118.92	948.0422	1.7607
119.55	954.6267	1.7688
119.99	955.0066	1.7755
120.48	961.4645	1.7823
120.9	968.049	1.789
121.79	974.5069	1.8012
121.99	973.4939	1.8052
122.85	979.9517	1.8174
123.1	986.5362	1.8214
123.99	990.335	1.8336
124.85	996.7929	1.8458
125.29	1003.251	1.8539
125.99	1005.783	1.8633
126.66	999.1988	1.8741
126.84	1005.783	1.8728
126.91	1012.241	1.8755
127.41	1018.699	1.8836
127.99	1019.079	1.8917
128.52	1025.663	1.8998
129.01	1032.121	1.9052
129.81	1038.579	1.9187
129.99	1036.806	1.9214
130.35	1043.264	1.9254
130.64	1036.68	1.9308
130.83	1043.264	1.9322
131.07	1049.722	1.9362
131.88	1056.18	1.9484
131.99	1055.674	1.9497
132.7	1049.089	1.9605
132.79	1055.674	1.9605
132.85	1062.131	1.9632
133.37	1068.716	1.9686
133.46	1062.005	1.9713
133.63	1068.589	1.974
133.99	1070.362	1.9781
134.89	1076.693	1.9902
135.64	1069.982	2.0024
135.99	1069.096	2.0078
136.62	1062.385	2.0172
136.81	1068.969	2.0186
136.91	1075.554	2.0213
137.45	1082.012	2.028
137.99	1083.658	2.0361
138.66	1076.947	2.0469
138.8	1083.531	2.0456
138.83	1090.116	2.0483
138.99	1096.7	2.0496
139.79	1103.031	2.0618
139.99	1103.538	2.0645
140.85	1109.869	2.0793
141.13	1116.454	2.082

S6-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
154.88	756.0181	2.236
155.76	763.1769	2.2481
155.99	762.6154	2.2535
156.87	769.7741	2.2657
157.96	776.9329	2.2819
157.99	774.5466	2.2819
158.58	767.2475	2.2913
158.68	774.5466	2.2886
158.72	781.7054	2.2913
159.36	788.8641	2.2994
159.99	788.8641	2.3102
160.76	796.0228	2.321
161.92	803.1815	2.3386
161.99	801.2164	2.3399
162.72	808.3751	2.3494
163.85	815.3935	2.3656
163.99	814.9724	2.3696
164.11	807.6733	2.371
164.19	814.9724	2.371
164.92	822.1311	2.3804
165.93	829.2899	2.3953
165.99	828.7284	2.3966
166.86	835.8871	2.4101
167.85	843.0459	2.425
167.99	842.4844	2.4263
168.75	849.6431	2.4372
169.82	856.8018	2.4534
169.99	855.2578	2.4561
170.8	862.4165	2.4669
171.99	866.0661	2.4844
172.31	873.3652	2.4885
172.63	866.0661	2.4939
172.75	873.2248	2.4939
173.71	880.3835	2.5074
173.99	876.4533	2.5128
174.33	883.612	2.5182
174.41	876.4533	2.5195
174.55	883.612	2.5222
175.5	890.7707	2.5357
175.57	883.4716	2.5371
175.69	890.7707	2.5384
175.99	890.6304	2.5425
176.66	897.7891	2.5519
177.99	899.6139	2.5708
178.62	906.7726	2.5816
179.18	913.9313	2.5884
179.28	906.6322	2.5911
179.47	913.9313	2.5924
179.99	915.1946	2.5992
180.69	922.3534	2.61
180.93	915.0543	2.614
180.99	922.3534	2.614
181.07	915.0543	2.6167
181.48	922.213	2.6221
181.99	922.213	2.6289

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.21	647.8	2.4425
167.99	649.7	2.4561
168.79	654.8	2.4682
168.92	649.7	2.4655
169	644.5	2.4696
169.17	649.7	2.4682
169.2	654.8	2.4723
169.99	658.1	2.4831
170.84	663.2	2.4979
170.94	658	2.5006
170.99	652.9	2.4993
171.01	647.7	2.4966
171.19	652.9	2.4979
171.22	658	2.4993
171.3	663.2	2.5033
171.99	665.2	2.5141
172.95	659.9	2.529
173.02	654.8	2.5276
173.14	659.9	2.5263
173.16	665.1	2.5276
173.28	670.2	2.5344
173.99	669.8	2.5411
174.38	674.9	2.5465
174.93	669.7	2.5546
175.14	674.8	2.5587
175.65	679.9	2.5641
175.99	677.9	2.5681
176.84	682.9	2.5843
176.92	677.7	2.5843
177.18	682.9	2.5884
177.98	687.9	2.5992
177.99	687.6	2.5992
179.28	692.6	2.6181
179.99	691.8	2.6302
180.7	696.9	2.6397
180.93	691.8	2.641
181.2	696.9	2.6464
181.99	697.5	2.6599
182.69	702.5	2.6694
182.93	697.4	2.6721
182.99	692.2	2.6775
183.17	697.4	2.6721
183.23	702.5	2.6775
183.66	707.6	2.6829
183.99	706.9	2.6883
184.03	701.7	2.6869
184.23	706.9	2.6896
185.16	711.9	2.7045
185.98	712.5	2.7153
186.33	717.6	2.722
186.35	712.5	2.7193
186.67	717.6	2.7247
186.89	712.4	2.7275
186.95	707.2	2.7329
186.98	702.1	2.7315

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103.58	744.8	1.5352
103.99	746.1	1.542
104.46	751.3	1.5474
104.82	756.5	1.5528
105.3	761.6	1.5595
105.37	756.4	1.5622
105.46	761.6	1.5622
105.92	766.8	1.5676
105.99	762.2	1.5703
106.1	767.4	1.5717
106.25	762.2	1.5744
106.38	767.4	1.5744
106.64	772.6	1.5784
106.98	777.7	1.5852
106.99	772.5	1.5865
107.39	777.7	1.5892
107.84	782.9	1.596
107.88	777.7	1.596
107.99	780.4	1.5987
108.26	775.2	1.6027
108.4	780.4	1.6
108.41	785.6	1.6027
108.72	790.7	1.6108
108.75	785.5	1.6095
108.93	790.7	1.6108
109.37	795.9	1.6189
109.7	801	1.6243
109.72	795.8	1.6243
109.99	796.5	1.6284
110.38	801.7	1.6311
110.63	806.8	1.6365
110.7	801.6	1.6378
110.76	806.8	1.6392
111.14	812	1.6432
111.81	817.1	1.6527
111.91	811.9	1.6554
111.99	813.6	1.6554
112.09	818.8	1.6581
112.16	813.6	1.6581
112.23	808.4	1.6581
112.35	813.6	1.6594
112.41	818.8	1.6594
112.79	823.9	1.6675
113.18	829.1	1.6729
113.99	832.8	1.6851
114.22	827.5	1.6945
114.38	832.8	1.6878
114.6	837.9	1.6959
115.33	843	1.704
115.88	848.1	1.7121
115.99	845	1.7148
116.33	850.2	1.7188
116.38	844.9	1.7242
116.45	850.2	1.7188
116.96	855.3	1.7269

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
141.99	1122.405	2.0942
142.84	1128.736	2.1077
143.59	1135.194	2.1171
143.99	1137.347	2.1239
144.47	1143.805	2.1307
144.63	1137.22	2.1334
144.84	1143.805	2.1347
145.03	1150.263	2.1388
145.99	1154.061	2.1536
146.69	1147.35	2.1617
146.77	1153.935	2.1617
146.9	1160.519	2.1644
147.55	1166.85	2.1752
147.99	1167.737	2.182
148.84	1174.068	2.1941
149.44	1180.526	2.2022
149.99	1185.211	2.2103
150.89	1191.669	2.2225
151.99	1194.961	2.24
152.84	1201.292	2.2522
153.2	1207.877	2.2562
153.99	1208.51	2.2684
154.82	1214.968	2.2792
155.99	1216.867	2.2981
156.84	1223.325	2.3102
157.52	1229.783	2.3183
157.95	1236.241	2.3251
157.99	1231.809	2.3264
158.44	1238.267	2.3332
158.6	1231.682	2.3372
158.66	1225.225	2.3372
158.8	1231.682	2.3359
158.82	1238.267	2.3372
158.9	1244.725	2.3386
159.99	1246.244	2.3548
160.38	1252.829	2.3602
160.59	1246.118	2.3656
160.69	1239.66	2.3642
160.72	1246.244	2.3642
160.82	1252.702	2.3669
161.04	1259.16	2.3696
161.17	1252.576	2.3723
161.32	1259.16	2.375
161.99	1259.92	2.3845
162.66	1253.209	2.3953
162.76	1259.793	2.3953
162.87	1266.251	2.3953
163.77	1272.582	2.4101
163.99	1269.543	2.4128
164.29	1276.001	2.4169
164.85	1282.459	2.4264
165.64	1288.79	2.4372
165.73	1282.206	2.4385
165.81	1288.79	2.4398
165.99	1288.284	2.4412

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
182.77	929.3717	2.6397
183.99	933.0213	2.6586
184.52	940.18	2.6653
184.61	932.8809	2.668
184.7	940.18	2.668
185.96	947.1984	2.6869
185.98	944.2507	2.6883
186.69	951.4094	2.6964
187.98	956.0415	2.7166
188.9	963.2002	2.7288
189.98	964.8846	2.745
190.76	972.0434	2.7558
191.6	979.2021	2.768
191.98	979.0617	2.7734
192.78	986.2205	2.7855
193.84	993.2388	2.8017
193.98	990.2911	2.8031
194.6	997.4499	2.8098
195.95	1004.889	2.8314
195.98	1001.099	2.8328
196.49	1008.258	2.8382
197.98	1013.732	2.8611
198.78	1020.891	2.8719
199.79	1027.91	2.8868
199.98	1028.892	2.8908
200.39	1021.593	2.8976
201.98	1024.681	2.9192
203.55	1032.121	2.9421
203.98	1029.173	2.9489
204.66	1036.332	2.9583
205.98	1036.612	2.9772
206.48	1043.771	2.984
207.75	1051.211	3.0029
207.98	1049.245	3.0069
208.55	1056.404	3.0137
209.98	1059.071	3.0353
210.55	1066.089	3.042
210.82	1058.931	3.0475
211.02	1066.089	3.0502
211.98	1068.756	3.065
212.64	1075.915	3.0731
213.98	1075.213	3.0934
214.46	1082.232	3.1001
215.68	1089.812	3.1177
215.98	1088.829	3.1217
217.74	1096.128	3.1474
217.98	1095.567	3.1514
219.08	1102.585	3.1663
219.98	1102.023	3.1798
220.72	1109.042	3.1906
221.98	1111.709	3.2095
222.74	1118.868	3.2189
223.98	1119.148	3.2378
225.22	1126.588	3.2554
225.98	1129.255	3.2675

UCS Test Results, Stage Two

S5-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
187.15	707.2	2.7342
187.19	712.4	2.7288
187.23	717.5	2.7315
187.72	722.6	2.7423
187.98	721.6	2.745
188.37	726.7	2.7491
188.4	721.5	2.7518
188.8	726.6	2.7545
188.9	721.5	2.7585
188.93	716.3	2.7612
188.99	711.1	2.7626
189.11	716.3	2.7599
189.15	721.5	2.7572
189.2	726.6	2.7599
189.98	727.2	2.772
190.13	732.3	2.7747
190.18	727.2	2.7761
190.66	732.2	2.7842
190.9	727	2.7923
190.97	721.9	2.7882
191.14	727	2.7923
191.2	732.2	2.7909
191.81	737.3	2.8004
191.82	742.4	2.8044
191.84	737.2	2.8058
191.85	732.1	2.8058
191.87	726.9	2.8058
191.88	721.8	2.8058
191.89	716.6	2.8071
191.9	711.5	2.8058
191.91	706.3	2.8085
191.92	701.2	2.8098
191.93	696.1	2.8085
191.93	690.9	2.8098
191.94	685.8	2.8112
191.95	680.6	2.8098
191.96	675.5	2.8098
191.97	670.4	2.8071
191.98	665.9	2.8058
192.03	660.8	2.8071
192.13	665.9	2.8031
192.16	671.1	2.8058
192.18	676.2	2.8044
192.2	681.4	2.8017
192.22	686.5	2.8017
192.23	691.7	2.8004
192.24	696.8	2.799
192.24	702	2.799
192.25	707.1	2.799
192.26	712.2	2.799
192.27	717.4	2.799
192.28	722.5	2.8004
192.29	727.6	2.8017
192.3	732.8	2.8044
192.32	737.9	2.8058

S5-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.48	860.4	1.7364
117.94	855.2	1.7431
117.99	856.5	1.7445
118.07	861.7	1.7431
118.16	856.5	1.7499
118.18	851.3	1.7458
118.26	846.1	1.7526
118.32	840.9	1.7499
118.46	846.1	1.7485
118.48	851.3	1.7472
118.5	856.5	1.7472
118.51	861.7	1.7472
118.63	866.9	1.7512
119.07	872	1.7593
119.77	877.1	1.7701
119.99	877.8	1.7701
120.19	872.5	1.7796
120.26	867.3	1.7755
120.36	872.5	1.7769
120.39	877.8	1.7742
120.68	882.9	1.7809
121.16	888	1.7877
121.2	882.8	1.7904
121.21	877.6	1.7904
121.3	882.8	1.7904
121.32	888	1.7904
121.39	882.8	1.7931
121.48	888	1.7944
121.76	893.1	1.7985
121.78	887.9	1.7985
121.92	893.1	1.8012
121.97	887.9	1.8025
121.99	887.2	1.8039
122.11	892.4	1.8025
122.16	887.2	1.8052
122.22	881.9	1.8093
122.28	876.8	1.8066
122.38	882	1.8052
122.4	887.2	1.8039
122.41	892.3	1.808
122.74	897.5	1.8133
123.46	902.6	1.8228
123.99	902.9	1.8309
124.19	897.6	1.835
124.24	892.5	1.8336
124.33	897.6	1.835
124.39	902.8	1.8336
124.51	908	1.8363
125.15	913.1	1.8458
125.29	907.9	1.8498
125.34	913.1	1.8485
125.81	918.2	1.8552
125.85	913	1.8566
125.99	918.2	1.8593
125.99	918.5	1.8593

S6-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
166.62	1281.699	2.452
166.78	1288.157	2.4534
166.86	1294.742	2.4547
167.99	1298.414	2.4709
168.5	1304.872	2.4777
168.58	1298.287	2.4804
168.79	1304.745	2.4817
169.99	1307.151	2.5006
170.83	1313.482	2.5128
171.99	1315.888	2.529
172.84	1322.219	2.5411
173.99	1319.434	2.5573
174.61	1312.849	2.5668
174.82	1319.307	2.5695
175.99	1322.093	2.5857
176.8	1328.424	2.5978
177.62	1334.882	2.61
177.99	1335.135	2.6167
178.9	1341.466	2.6289
179.72	1347.924	2.641
179.99	1347.418	2.6451
181.03	1353.749	2.6586
181.99	1356.155	2.6734
181.99	1362.613	2.6748
181.99	1369.071	2.6761
182	1375.655	2.6775
182.02	1369.071	2.6775
182.04	1362.613	2.6775
182.04	1356.028	2.6788
182.06	1349.57	2.6788
182.06	1342.986	2.6802
182.08	1336.401	2.6802
182.08	1329.944	2.6802
182.09	1323.359	2.6815
182.1	1316.901	2.6802
182.11	1310.443	2.6802
182.12	1303.859	2.6815
182.12	1297.274	2.6815
182.13	1290.816	2.6815
182.14	1284.232	2.6815
182.14	1277.774	2.6829
182.15	1271.189	2.6815
182.16	1264.732	2.6842
182.16	1258.147	2.6829
182.17	1251.689	2.6829
182.18	1245.105	2.6842
182.18	1238.647	2.6829
182.19	1232.062	2.6829
182.19	1225.604	2.6829
182.2	1219.02	2.6842
182.2	1212.562	2.6829
182.21	1205.978	2.6829
182.22	1199.52	2.6815
182.23	1193.062	2.6802
182.24	1186.477	2.6802

S6-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
227.98	1131.781	3.2972
228.79	1138.8	3.3067
228.97	1131.641	3.3094
229.12	1138.8	3.3121
229.98	1142.449	3.3256
230.45	1135.15	3.3323
230.52	1142.449	3.331
231.14	1149.468	3.3404
231.78	1142.169	3.3526
231.88	1149.327	3.354
231.98	1145.537	3.3526
232.46	1152.556	3.3621
233.76	1159.995	3.3796
233.85	1152.836	3.381
233.98	1155.644	3.3837
234.38	1162.803	3.3891
234.45	1155.644	3.3904
235	1162.662	3.3972
235.98	1159.574	3.412
236.1	1166.733	3.4134
237.98	1172.207	3.4417
238.56	1179.225	3.4485
238.85	1172.067	3.4539
238.86	1179.647	3.4525
238.86	1186.805	3.4539
238.9	1179.647	3.4579
238.92	1172.488	3.4579
238.94	1165.329	3.4579
238.95	1158.03	3.4593
238.96	1150.871	3.4593
238.98	1143.713	3.4593
238.99	1136.554	3.4606
239	1129.395	3.4606
239.01	1122.236	3.4593
239.02	1115.078	3.4606
239.03	1107.919	3.4593
239.04	1100.76	3.4606
239.05	1093.601	3.462
239.05	1086.302	3.4633
239.06	1079.144	3.462
239.07	1071.985	3.4606
239.08	1064.826	3.462
239.08	1057.667	3.462
239.09	1050.509	3.4647
239.1	1043.35	3.4606
239.11	1036.191	3.4606
239.12	1029.032	3.462
239.13	1021.312	3.462
239.14	1014.154	3.4606
239.16	1006.995	3.4606
239.18	999.8361	3.4593
239.33	1006.995	3.4593
239.35	1014.294	3.4579
239.36	1021.453	3.4579
239.37	1028.611	3.4566

UCS Test Results, Stage Two

S5-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
192.4	743	2.8085
192.47	737.9	2.8125
192.5	732.7	2.8112
192.6	737.9	2.8098
192.81	743	2.8139
192.88	737.8	2.8206
192.89	732.7	2.8193
192.91	727.5	2.8179
192.93	722.4	2.8193
192.95	717.2	2.8193
192.96	712.1	2.8193
192.98	707	2.8179
193	701.8	2.8233
193.01	696.7	2.8206
193.01	691.5	2.826
193.03	686.4	2.8233
193.04	681.2	2.822
193.06	676.1	2.8206
193.1	671	2.8206
193.18	665.8	2.822
193.37	671	2.8193
193.39	676.1	2.8193
193.41	681.3	2.8166
193.42	686.4	2.8179
193.42	691.5	2.8166
193.43	696.7	2.8166
193.44	701.8	2.8179
193.45	706.9	2.8193
193.46	712.1	2.8193
193.47	717.3	2.8166
193.48	722.4	2.8166
193.48	727.5	2.8166
193.49	732.7	2.8166
193.51	737.8	2.8193
193.52	742.9	2.822
193.66	748	2.8247
193.82	742.8	2.8314
193.86	737.7	2.8314
193.9	732.6	2.8328
193.94	727.4	2.8314
193.98	724	2.8314
194.15	729.1	2.8328
194.18	734.3	2.8314
194.22	739.4	2.8314
194.26	744.5	2.8341
194.68	749.6	2.8409
195.11	744.4	2.849
195.16	739.3	2.849
195.23	744.4	2.849
195.3	749.6	2.8503
195.44	744.4	2.8544
195.61	749.5	2.8517
195.73	744.3	2.8598
195.94	749.5	2.8584
195.98	751.5	2.8625

S5-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
126.15	913.3	1.8633
126.21	908.1	1.866
126.23	902.9	1.8647
126.26	897.7	1.866
126.29	892.5	1.8674
126.38	887.3	1.8647
126.45	892.5	1.8647
126.47	897.7	1.8647
126.49	902.9	1.8633
126.51	908.1	1.8633
126.52	913.3	1.8633
126.56	918.5	1.866
126.74	923.6	1.8687
126.81	918.4	1.8714
126.99	923.6	1.8728
127.51	928.7	1.8822
127.72	923.5	1.8863
127.87	928.6	1.8876
127.99	929.7	1.889
128.17	924.4	1.8971
128.2	919.2	1.8944
128.24	914	1.8957
128.45	919.3	1.8917
128.47	924.4	1.893
128.52	929.6	1.8971
128.85	934.7	1.9011
129.67	939.8	1.9133
129.99	943.2	1.916
130.07	948.4	1.9173
130.12	953.6	1.9186
130.15	958.8	1.924
130.19	964	1.9308
130.22	969.2	1.9416
130.24	974.4	1.943
130.27	979.6	1.9484
130.29	984.8	1.947
130.31	989.9	1.9484
130.34	995.1	1.9456
130.36	1000.3	1.947
130.39	1005.5	1.9456
130.4	1010.7	1.9511
130.44	1015.9	1.9578
130.47	1021.1	1.9659
130.51	1026.3	1.9727
130.55	1031.5	1.9781
130.59	1036.6	1.9835
130.65	1041.8	1.9902
130.7	1047	1.9929
130.77	1052.2	1.9929
131.03	1047	1.9983
131.07	1041.8	2.001
131.08	1036.6	2.0024
131.1	1031.5	2.0051
131.12	1026.3	2.0051
131.14	1021.1	2.0091

S6-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
182.27	1180.019	2.6788
182.39	1186.477	2.6788
182.42	1193.062	2.6788
182.43	1199.52	2.6788
182.45	1206.104	2.6775
182.46	1212.562	2.6775
182.47	1219.147	2.6775
182.48	1225.604	2.6775
182.48	1232.189	2.6761
182.49	1238.773	2.6748
182.5	1245.231	2.6761
182.5	1251.689	2.6761
182.51	1258.274	2.6748
182.51	1264.858	2.6761
182.52	1271.823	2.6734
182.52	1278.28	2.6761
182.53	1284.865	2.6748
182.53	1291.323	2.6748
182.54	1297.907	2.6748
182.54	1304.365	2.6748
182.55	1310.95	2.6748
182.55	1317.408	2.6748
182.56	1323.992	2.6748
182.56	1330.45	2.6734
182.57	1336.908	2.6761
182.57	1343.492	2.6748
182.58	1349.95	2.6761
182.58	1356.535	2.6775
182.59	1362.993	2.6802
182.6	1369.451	2.6802
182.61	1376.035	2.6815
182.69	1369.451	2.6856
183.58	1362.739	2.6964
183.99	1367.425	2.7031
184.58	1360.84	2.7126
184.71	1367.298	2.7126
185.98	1367.425	2.7315
187.49	1374.136	2.7531
187.56	1367.551	2.7545
187.65	1374.009	2.7572
187.98	1373.503	2.7612
188.62	1366.918	2.7693
188.69	1373.376	2.7707
188.89	1379.96	2.7734
189.98	1378.314	2.7909
190.27	1384.772	2.795
190.34	1378.314	2.795
190.46	1384.772	2.7977
190.56	1378.188	2.799
190.85	1384.772	2.8017
191.98	1386.672	2.8193
192.89	1393.003	2.8314
193.98	1392.243	2.849
194.6	1385.659	2.8571
194.73	1392.116	2.8584

S6-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
239.38	1035.77	3.4579
239.39	1042.929	3.4566
239.4	1050.088	3.4579
239.41	1057.246	3.4566
239.42	1064.405	3.4566
239.42	1071.564	3.4566
239.43	1078.863	3.4552
239.43	1085.881	3.4566
239.44	1093.18	3.4552
239.44	1100.339	3.4552
239.45	1107.498	3.4525
239.45	1114.657	3.4552
239.46	1121.815	3.4552
239.46	1128.974	3.4539
239.47	1136.133	3.4539
239.47	1143.291	3.4539
239.48	1150.45	3.4552
239.48	1157.749	3.4539
239.49	1164.768	3.4552
239.49	1171.926	3.4566
239.5	1179.085	3.4593
239.51	1186.244	3.4606
239.53	1193.403	3.462
239.8	1186.244	3.4674
239.98	1184.279	3.4701
240.4	1176.98	3.4768
240.5	1184.138	3.4768
240.64	1176.98	3.4782
240.81	1184.138	3.4822
241.16	1176.839	3.4863
241.3	1183.998	3.4903
241.98	1184.84	3.4984
242.87	1192.28	3.5119
242.96	1185.121	3.5146
243.27	1192.28	3.5173
243.98	1191.157	3.5281
244.42	1198.315	3.5322
244.5	1191.157	3.5362
244.62	1198.175	3.5376
245.98	1199.859	3.5578
246.49	1207.018	3.5632
246.68	1199.719	3.5673
246.89	1206.878	3.5686
247.98	1208.141	3.5875
248.48	1215.16	3.5929
249.98	1217.265	3.6145
250.47	1224.424	3.6213
250.71	1217.125	3.6253
251.19	1224.283	3.6321
251.27	1217.125	3.6348
251.98	1217.826	3.6443
252.52	1224.985	3.6523
252.59	1217.826	3.6537
252.82	1224.845	3.6551
252.99	1217.686	3.6591

UCS Test Results, Stage Two

S5-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
196.05	746.4	2.8611
196.11	741.2	2.8611
196.2	746.4	2.8611
196.24	751.5	2.8638
196.48	746.3	2.8692
196.55	751.5	2.8679
196.77	746.3	2.8733
197.1	751.4	2.8746
197.13	756.6	2.876
197.23	751.4	2.8787
197.44	746.2	2.8814
197.53	751.4	2.88
197.56	756.5	2.8841
197.64	751.3	2.8854
197.81	756.5	2.8854
197.88	751.3	2.8881
197.92	756.5	2.8868
197.98	755.4	2.8922
198.22	750.2	2.8949
198.41	755.4	2.8935
198.75	760.5	2.8989
198.8	755.3	2.9016
198.88	750.2	2.9057
198.9	745	2.9084
198.91	739.9	2.903
198.95	734.7	2.907
198.98	729.6	2.9057
199.01	724.5	2.907
199.08	719.3	2.907
199.19	724.5	2.907
199.23	729.6	2.903
199.24	734.8	2.903
199.25	739.9	2.9043
199.26	745	2.9057
199.28	750.2	2.9043
199.31	755.3	2.9043
199.33	760.4	2.9043
199.35	765.5	2.9084
199.42	760.4	2.9097
199.54	765.5	2.9097
199.6	760.4	2.9151
199.96	765.5	2.9178
199.98	764.1	2.9205
200.51	758.9	2.9259
200.67	764	2.9259
201.25	769.1	2.9381
201.32	764	2.9367
201.45	769.1	2.9381
201.98	770.4	2.9462
202.07	765.2	2.9462
202.16	770.4	2.9489
202.9	765.1	2.9637
203.07	770.3	2.9583
203.19	775.4	2.9651
203.59	770.2	2.9691

S5-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.16	1015.9	2.0159
131.18	1010.7	2.0172
131.2	1005.5	2.0199
131.21	1000.3	2.0267
131.23	995.1	2.0267
131.25	989.9	2.0294
131.27	984.8	2.0334
131.28	979.6	2.0307
131.3	974.4	2.0334
131.32	969.2	2.0415
131.34	964	2.0402
131.36	958.8	2.0415
131.38	953.6	2.0496
131.39	948.4	2.055
131.41	943.2	2.055
131.42	938	2.0591
131.43	932.9	2.0618
131.45	927.7	2.0672
131.46	922.5	2.0685
131.47	917.3	2.0699
131.49	912.1	2.0739
131.5	906.9	2.0834
131.52	901.7	2.0861
131.53	896.5	2.0861
131.54	891.3	2.0888
131.55	886.2	2.0888
131.57	881	2.0888
131.58	875.8	2.0901
131.59	870.6	2.0901
131.6	865.4	2.0982
131.61	860.2	2.1036
131.62	855	2.1158
131.63	849.8	2.1252
131.64	844.6	2.1185
131.65	839.4	2.1266
131.67	834.3	2.1347
131.69	829.1	2.1428
131.7	823.9	2.1455
131.72	818.7	2.1495
131.74	813.5	2.1549
131.76	808.3	2.1495
131.78	803.1	2.1576
131.8	797.9	2.1671
131.82	792.7	2.1738
131.85	787.6	2.1752
131.86	782.4	2.1738
131.88	777.2	2.1806
131.91	772	2.1765
131.93	766.8	2.1833
131.95	761.6	2.1806
131.97	756.4	2.1792
131.99	751.6	2.1779
132.01	746.4	2.1779
132.03	741.2	2.1779
132.05	736	2.1819

S6-1	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
195.32	1398.574	2.8679
195.98	1394.522	2.8773
196.05	1400.98	2.8773
196.58	1394.396	2.8868
196.85	1400.854	2.8895
197.98	1401.487	2.9057
198.85	1408.198	2.9178
199.98	1410.984	2.934
200.36	1404.399	2.9394
200.61	1397.815	2.9435
200.68	1404.272	2.9462
201.98	1403.639	2.9637
202.88	1410.35	2.9759
203.19	1403.766	2.9813
203.28	1410.35	2.9826
203.98	1407.565	2.9921
204.98	1414.276	3.0069
205.98	1411.87	3.0218
206.61	1405.285	3.0285
206.67	1411.743	3.0312
206.96	1418.201	3.0353
207.23	1411.617	3.0393
207.34	1418.075	3.0407
207.98	1417.062	3.0515
208.47	1410.477	3.0583
208.89	1416.935	3.065
209.13	1410.35	3.0677
209.17	1416.808	3.0677
209.61	1410.224	3.0745
209.72	1416.682	3.0758
209.98	1416.175	3.0799
210.27	1409.717	3.0839
210.78	1416.049	3.0907
211.98	1414.149	3.1082
212.9	1420.86	3.1217
213.83	1414.149	3.1352
213.98	1415.795	3.1379
214.65	1409.211	3.1474
214.68	1415.669	3.1474
215.27	1422	3.1568
215.44	1415.542	3.1595
215.98	1418.454	3.1663
217.38	1412.123	3.1865
217.98	1413.263	3.196
219.98	1413.643	3.2243
220.58	1407.058	3.2324
220.75	1413.516	3.2351
221.46	1406.932	3.2459
221.7	1413.389	3.2486
221.98	1408.071	3.254
222.59	1401.487	3.2635
222.67	1407.945	3.2635
222.9	1414.402	3.2662
222.98	1407.818	3.2675
223.32	1414.276	3.2729

S6-2	7 days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
253.14	1224.845	3.6605
253.98	1222.739	3.6726
254.58	1229.898	3.6807
255.15	1222.599	3.6888
255.59	1229.617	3.6942
255.98	1231.442	3.7023
257.47	1238.882	3.7226
257.98	1234.951	3.7307
258.65	1241.97	3.7401
258.8	1234.811	3.7442
259.13	1241.829	3.7469
259.98	1243.093	3.7604
261.25	1250.532	3.7779
261.7	1243.233	3.7847
261.91	1250.392	3.7887
261.98	1245.058	3.7887
263.36	1252.497	3.809
263.6	1245.338	3.8117
263.98	1247.584	3.8171
264.54	1254.603	3.8265
264.68	1247.444	3.8279
265.98	1248.146	3.8468
266.54	1255.164	3.8549
267.75	1247.865	3.8724
267.98	1251.094	3.8751
269.98	1247.865	3.9035
270.06	1255.024	3.9062
270.13	1247.865	3.9075
270.28	1255.024	3.9089
270.38	1247.865	3.9116
270.55	1255.024	3.9116
270.76	1247.725	3.9156
270.8	1254.883	3.917
271.98	1256.147	3.9332
272.4	1248.848	3.9413
272.49	1256.006	3.9399
273.76	1263.305	3.9589
273.83	1256.147	3.9616
273.98	1259.094	3.9602
274.45	1266.534	3.9697
274.54	1259.375	3.971
275.08	1266.394	3.9778
275.21	1259.235	3.9805
275.98	1263.867	3.9913
277.98	1263.446	4.021
278.71	1256.287	4.0318
278.79	1263.305	4.0304
279.98	1265.551	4.0493
280.11	1258.393	4.052
280.33	1265.411	4.0561
281.03	1258.112	4.0655
281.13	1265.271	4.0669
281.98	1262.744	4.0777
282.49	1270.183	4.0858
282.54	1263.025	4.0885

UCS Test Results, Stage Two

S5-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
203.64	775.3	2.9718
203.98	777.7	2.9759
204.4	772.5	2.9826
204.53	777.6	2.9813
205.25	782.6	2.9948
205.67	777.5	3.0029
205.9	782.6	3.0029
205.98	780.2	3.0056
206.91	774.9	3.0245
206.94	769.8	3.0218
207.03	764.7	3.0204
207.12	769.8	3.0218
207.14	774.9	3.0204
207.18	780.1	3.0204
207.44	785.2	3.0245
207.51	780	3.0285
207.8	785.1	3.0326
207.98	783	3.0312
208.68	788.1	3.0461
208.75	782.9	3.0448
209.17	788	3.0502
209.98	792.4	3.061
210.93	787.1	3.0785
211.04	792.3	3.0772
211.3	797.3	3.0839
211.98	798.6	3.092
213	793.4	3.1042
213.03	798.5	3.1055
213.33	803.6	3.1123
213.98	800.8	3.1231
214.37	805.9	3.1258
214.42	800.7	3.1271
214.77	805.8	3.1325
214.87	800.6	3.1366
215.17	805.8	3.1379
215.96	810.8	3.1501
215.98	807	3.1487
216.47	812.1	3.1568
216.91	806.9	3.1622
217.12	812	3.169
217.98	814.3	3.1798
218.44	819.4	3.1838
218.89	814.2	3.1906
219.18	819.3	3.1946
219.98	823.6	3.2068
221.34	828.9	3.2311
221.4	823.8	3.2284
221.52	828.9	3.2311
221.98	828.1	3.2378
223.19	833.4	3.2554
223.98	835.7	3.2675
224.92	830.5	3.2837
225	825.4	3.2837
225.15	830.5	3.2783
225.19	835.6	3.2837

S5-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.07	730.8	2.19
132.09	725.6	2.2008
132.1	720.4	2.2008
132.11	715.2	2.2103
132.11	710.1	2.2062
132.13	704.9	2.2076
132.14	699.7	2.2049
132.17	694.5	2.2116
132.19	689.3	2.2184
132.21	684.1	2.2211
132.23	678.9	2.2211
132.24	673.7	2.2211
132.26	668.5	2.2211
132.27	663.4	2.2238
132.29	658.2	2.2251
132.31	653	2.2292
132.33	647.8	2.2292
132.34	642.6	2.2319
132.35	637.4	2.2332
132.36	632.2	2.2346
132.37	627	2.2332
132.38	621.8	2.2359
132.39	616.7	2.24
132.4	611.5	2.2373
132.41	606.3	2.2359
132.42	601.1	2.2346
132.43	595.9	2.2387
132.45	590.7	2.244
132.47	585.5	2.2535
132.48	580.3	2.2616
132.49	575.1	2.2657
132.51	569.9	2.2643
132.53	564.8	2.2657
132.54	559.6	2.2643
132.55	554.4	2.267
132.55	549.2	2.2765
132.56	544	2.2805
132.57	538.8	2.2792
132.59	533.6	2.2859
132.62	528.4	2.2873
132.64	523.2	2.29
132.65	518	2.29
132.67	512.9	2.294
132.7	507.7	2.2967
132.7	502.5	2.2954
132.72	497.3	2.2967
132.73	492.1	2.2981
132.76	486.9	2.2954
132.78	481.7	2.2954
132.79	476.5	2.2954
132.8	471.3	2.294
132.82	466.2	2.294
132.84	461	2.294
132.85	455.8	2.2967
132.86	450.6	2.2994

S6-1		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
223.38	1407.818	3.2743
223.98	1408.578	3.2824
225.98	1406.805	3.3107
227.98	1407.691	3.3391
228.59	1401.107	3.3486
228.76	1407.438	3.3526
229.98	1408.071	3.3715
230.06	1401.613	3.3702
230.13	1408.071	3.3715
230.54	1401.487	3.3796
230.73	1407.945	3.3783
231.55	1401.36	3.3904
231.98	1401.613	3.3985
232.54	1395.029	3.408
233.02	1401.487	3.4134
233.06	1394.902	3.4147
233.98	1393.003	3.4269
234.13	1386.545	3.4296
234.43	1392.876	3.435
234.51	1386.418	3.435
235.33	1379.834	3.4458
235.98	1381.353	3.4566
236.6	1374.769	3.466
236.69	1381.227	3.466
237.98	1378.821	3.4863
238.23	1372.363	3.489
238.35	1378.694	3.4903
238.54	1372.236	3.493
238.73	1378.694	3.4957
239.45	1372.11	3.5065
239.86	1378.441	3.5133
239.98	1379.327	3.5146
240.28	1372.743	3.5187
241.9	1366.412	3.543
241.98	1369.83	3.5416
242.55	1363.246	3.5524
242.78	1369.577	3.5565
243.98	1366.791	3.5727
244.59	1360.207	3.5808
244.8	1366.665	3.5848
245.41	1360.08	3.5929
245.98	1359.954	3.6024
247.75	1353.622	3.6267
247.98	1353.116	3.6307
248.61	1346.531	3.6416
248.68	1352.989	3.6375
248.78	1359.321	3.6416
249.31	1352.863	3.6496
249.98	1354.762	3.6591
250.55	1348.178	3.6686
250.76	1354.635	3.6699
251.98	1352.23	3.6888
253.98	1350.077	3.7172
255.19	1343.492	3.7347
255.38	1349.824	3.7374

S6-2		7 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
283.98	1265.271	4.1074
284.55	1272.289	4.1155
284.71	1264.99	4.1182
285.03	1272.149	4.1222
285.1	1264.99	4.1249
285.98	1270.043	4.1371
286.14	1262.884	4.1398
286.39	1269.903	4.1438
286.44	1262.884	4.1438
286.5	1269.903	4.1438
287.98	1268.78	4.1654
288.5	1276.219	4.1735
288.77	1269.061	4.1762
289.46	1276.5	4.187
289.51	1269.341	4.187
289.98	1267.797	4.1951
291.98	1267.938	4.2235
292.16	1260.779	4.2262
292.22	1267.938	4.2262
292.4	1260.779	4.2302
292.47	1267.938	4.2289
293.01	1260.638	4.2383
293.6	1268.078	4.2478
293.67	1260.919	4.2478
293.98	1263.305	4.2518
295.98	1261.06	4.2816
296.43	1268.078	4.2856
296.75	1260.779	4.2937
297.18	1267.938	4.2978
297.68	1260.638	4.3072
297.94	1267.657	4.3113
297.98	1262.463	4.3113
299.87	1255.024	4.3383
299.91	1262.183	4.3383
299.98	1262.604	4.3383
301.23	1255.305	4.3585
301.98	1256.006	4.3693
302.32	1248.848	4.3747
303.98	1249.971	4.3963
305.77	1242.531	4.4233
305.97	1243.514	4.426
307.97	1245.9	4.4557
308.27	1238.741	4.4584
308.42	1245.9	4.4598
308.68	1238.741	4.4665
308.81	1245.76	4.4665
309.45	1238.601	4.476
309.56	1245.619	4.4787
309.97	1242.25	4.4827
310.41	1235.092	4.4908
310.48	1242.25	4.4895
311.85	1234.811	4.5124
311.97	1236.215	4.5124
313.69	1228.775	4.5381
313.97	1231.161	4.5421

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
225.53	840.7	3.2878
225.98	839.6	3.2945
227.29	844.9	3.3148
227.98	845.1	3.3242
229.37	850.4	3.3445
229.98	847.6	3.354
230.65	852.6	3.3621
230.85	847.5	3.3661
231.22	852.6	3.3702
231.98	854.5	3.3837
232.94	849.2	3.3999
233.11	854.4	3.3972
233.31	859.5	3.3999
233.98	861.4	3.4093
235.45	866.6	3.4336
235.98	864.9	3.4404
236.87	859.7	3.4525
236.91	854.5	3.4579
236.94	849.4	3.4566
237.14	854.5	3.4539
237.17	859.6	3.4552
237.21	864.7	3.4566
237.98	865.3	3.4674
238.91	860	3.4863
239.09	865.2	3.4809
239.19	870.3	3.4863
239.29	865.1	3.4863
239.52	870.2	3.493
239.98	871.2	3.4984
240.94	865.9	3.5146
241.12	871	3.5146
241.24	876.1	3.5173
241.98	877	3.5254
243.42	882.3	3.5484
243.61	877.2	3.5497
243.9	882.2	3.5538
243.98	881.2	3.5551
244.91	875.9	3.5713
245.05	881.1	3.5673
245.22	886.1	3.574
245.34	881	3.5754
245.53	886.1	3.5781
245.98	883.6	3.5862
246.33	888.7	3.5889
246.86	883.5	3.5956
247.11	888.6	3.6037
247.98	889.8	3.6159
248.88	884.6	3.6294
248.96	879.5	3.6307
248.98	874.4	3.6294
249.15	879.5	3.6294
249.17	884.6	3.628
249.2	889.7	3.6307
249.32	894.7	3.6348
249.98	893.3	3.6443

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.87	445.4	2.3021
132.88	440.2	2.3035
132.89	435	2.3129
132.91	429.8	2.317
132.91	424.6	2.3183
132.92	419.4	2.3197
132.93	414.3	2.3278
132.94	409.1	2.3251
132.95	403.9	2.3264
132.97	398.7	2.3224
132.98	393.5	2.3237
132.99	388.3	2.3278
133.02	383.1	2.3318
133.03	377.9	2.344
133.05	372.7	2.3467
133.09	367.6	2.348
133.11	362.4	2.3493
133.15	357.2	2.3547
133.16	352	2.3615
133.17	346.8	2.3723
133.19	341.6	2.3737
133.2	336.4	2.3791
133.24	331.2	2.3777
133.28	326	2.3791
133.29	320.8	2.3763
133.34	315.7	2.3777
133.37	310.5	2.3763
133.38	305.3	2.3818
133.38	300.1	2.3885
133.42	294.9	2.3966
133.43	289.7	2.4034
133.46	284.5	2.4088
133.47	279.3	2.4142
133.5	274.1	2.4209
133.53	269	2.4236
133.56	263.8	2.4236
133.6	258.6	2.429
133.63	253.4	2.4317
133.71	248.2	2.4331
133.85	243	2.4358
133.99	239.5	2.4358
134.54	234.4	2.4398
135.19	229.2	2.4466
135.99	226.1	2.4479
137.99	222.2	2.4506
139.99	219.8	2.4574
141.99	218.8	2.4574
143.99	217.7	2.4601
145.99	217.1	2.4641
147.99	216.7	2.4614
149.99	216	2.4641
151.95	211.9	2.4722

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
255.67	1343.366	3.7428
255.86	1349.697	3.7442
255.98	1346.278	3.7455
256.59	1339.694	3.7536
256.72	1346.152	3.7577
257.85	1339.44	3.7725
257.98	1342.479	3.7752
258.53	1335.895	3.7847
259.98	1334.755	3.8036
260.13	1328.297	3.8063
260.22	1334.629	3.8076
261.29	1328.044	3.8225
261.34	1334.502	3.8252
261.47	1328.044	3.8252
261.58	1334.375	3.8279
261.63	1327.918	3.8292
261.98	1332.603	3.8346
262.3	1326.145	3.8387
262.62	1332.476	3.8427
262.89	1326.018	3.8454
262.94	1332.476	3.8468
263.37	1325.892	3.8549
263.54	1332.349	3.8562
263.98	1329.69	3.863
264.51	1323.106	3.8711
264.64	1329.564	3.8697
265.79	1322.853	3.8886
265.98	1323.232	3.8913
267.47	1316.521	3.9129
267.51	1322.979	3.9129
267.98	1322.853	3.9183
269.36	1316.141	3.9386
269.46	1322.473	3.9426
269.61	1316.015	3.944
269.88	1322.473	3.9467
269.98	1318.927	3.9494
270.58	1312.343	3.9602
270.73	1318.801	3.9602
271.86	1312.216	3.9751
271.98	1313.862	3.9778
273.12	1307.151	3.9953
273.73	1300.693	4.0034
273.77	1307.151	4.0034
273.98	1306.645	4.0061
274.53	1300.06	4.0156
275.98	1298.541	4.0358
276.54	1291.956	4.0426
277.93	1285.245	4.0642
277.98	1290.816	4.0655
278.43	1284.359	4.0723
278.77	1290.69	4.0763
278.98	1284.232	4.079
279.98	1285.245	4.0952
280.53	1278.787	4.1006
280.64	1285.118	4.1047

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
315.75	1223.722	4.5691
315.97	1228.915	4.5705
317.97	1232.705	4.6002
318.17	1225.547	4.6043
318.43	1232.565	4.607
319.26	1225.406	4.6191
319.97	1221.055	4.6299
320.52	1228.494	4.6367
320.61	1221.336	4.6407
320.69	1214.317	4.6407
320.79	1221.336	4.6394
321.23	1214.177	4.6475
321.32	1221.195	4.6488
321.97	1217.265	4.6583
323.39	1209.966	4.6799
323.97	1213.615	4.688
324.21	1206.457	4.692
324.47	1213.615	4.6947
324.53	1206.457	4.6961
324.63	1213.615	4.6961
325.74	1206.316	4.7136
325.97	1206.176	4.715
327.5	1198.877	4.7393
327.6	1205.895	4.7379
327.97	1207.299	4.746
328.06	1200.14	4.7474
328.43	1207.159	4.7514
328.66	1200	4.7555
329.88	1192.701	4.773
329.97	1190.455	4.7744
330.28	1197.473	4.7771
331	1190.174	4.7892
331.97	1192.42	4.8041
332.39	1185.261	4.8081
332.42	1192.28	4.8068
333.97	1188.209	4.8311
335.97	1185.542	4.8621
336.38	1178.383	4.8676
336.47	1185.402	4.8689
337.16	1178.243	4.8784
337.97	1176.278	4.8905
338.49	1183.717	4.8973
338.53	1176.559	4.8986
339.97	1176.278	4.9189
340.54	1169.119	4.927
341.97	1172.207	4.9486
342.3	1165.048	4.954
343.78	1157.749	4.9742
343.97	1157.749	4.9769
344.58	1150.591	4.9864
345.97	1152.135	5.0066
346.38	1145.116	5.0134
346.51	1152.135	5.0134
346.76	1144.976	5.0174
347.97	1142.87	5.0363

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
250.88	888.1	3.6564
250.92	883	3.6591
250.96	877.9	3.6577
251.1	883	3.6591
251.13	888.1	3.6564
251.16	893.2	3.6564
251.21	898.2	3.6605
251.98	897.8	3.6726
253.67	903	3.6969
253.98	901.3	3.6996
255	896	3.7172
255.07	901.1	3.7145
255.83	906.5	3.7266
255.9	901.3	3.728
255.98	902	3.7293
256.33	907.1	3.7347
256.86	901.9	3.7442
256.9	896.8	3.7455
257.07	901.9	3.7469
257.14	907	3.7455
257.98	908.5	3.759
259.51	913.8	3.7806
259.98	913.7	3.7887
260.89	908.5	3.8022
261.13	913.5	3.8036
261.98	914.4	3.8171
262.89	909.2	3.8292
262.99	914.3	3.8292
263.6	919.6	3.8414
263.98	915.2	3.8468
264.93	909.9	3.863
265.07	915	3.8603
265.33	920.1	3.8643
265.98	918.9	3.8765
266.87	913.7	3.8886
266.97	908.6	3.89
267.12	913.7	3.8873
267.16	918.8	3.89
267.77	924.1	3.9021
267.98	920	3.9035
268.64	925.4	3.9129
268.83	920.2	3.9197
268.88	915.1	3.921
268.9	910.1	3.9156
268.96	905	3.921
269.01	899.9	3.9224
269.05	894.8	3.921
269.14	899.9	3.9183
269.16	905	3.9183
269.18	910.1	3.9183
269.19	915.2	3.917
269.22	920.2	3.921
269.32	925.3	3.9237
269.98	925.2	3.9305
270.86	920	3.9467

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
281.6	1278.534	4.1182
281.98	1278.027	4.1236
282.6	1271.569	4.1317
283.08	1278.28	4.1398
283.12	1271.823	4.1411
283.98	1269.543	4.1533
284.53	1262.959	4.16
284.77	1269.417	4.1627
285.26	1262.832	4.1695
285.98	1264.478	4.1816
286.52	1257.894	4.1884
286.65	1264.352	4.1911
286.71	1257.894	4.1938
287.98	1257.641	4.21
288.52	1251.183	4.2181
289.82	1244.472	4.237
289.95	1250.929	4.237
289.98	1252.576	4.2397
290.35	1246.118	4.2451
291.98	1243.585	4.2681
292.51	1237.127	4.2748
292.6	1243.459	4.2775
293.04	1237.001	4.2829
293.4	1243.332	4.2883
293.98	1237.254	4.2978
295.33	1230.543	4.3167
295.66	1237.001	4.3194
295.91	1230.543	4.3234
295.98	1233.455	4.3248
296.49	1226.997	4.3342
296.64	1233.329	4.3342
297.66	1226.744	4.3491
297.98	1226.744	4.3545
298.55	1220.16	4.3612
298.72	1226.491	4.3653
298.97	1220.033	4.3693
299.98	1219.02	4.3842
300.48	1212.562	4.3923
301.98	1211.422	4.4139
302.41	1204.965	4.4193
303.35	1198.38	4.4328
303.98	1199.52	4.4422
304.03	1193.062	4.4422
304.26	1199.52	4.4463
304.45	1193.062	4.4476
305.43	1186.477	4.4625
305.97	1187.617	4.4719
306.53	1181.159	4.48
307.72	1174.575	4.4962
307.97	1175.334	4.5016
308.5	1168.876	4.5084
309.97	1167.737	4.5286
310.52	1161.279	4.5367
310.69	1167.61	4.5394
310.84	1161.152	4.5408

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
348.33	1135.852	5.0404
348.43	1142.87	5.0417
348.54	1135.712	5.0458
349.32	1128.553	5.0552
349.43	1135.571	5.0552
349.61	1128.553	5.0579
349.87	1121.394	5.0633
349.97	1128.413	5.0647
349.97	1128.413	5.0647
350.06	1121.394	5.066
350.47	1128.413	5.0687
350.58	1121.254	5.0741
351.18	1114.095	5.0822
351.48	1107.077	5.0863
351.97	1107.498	5.093
352.75	1100.199	5.1052
352.98	1107.357	5.1065
353.4	1100.199	5.1133
353.97	1098.234	5.1227
354.46	1105.673	5.1308
354.64	1098.514	5.1308
355.95	1091.215	5.1511
355.97	1089.952	5.1497
357.69	1082.512	5.1754
357.9	1089.952	5.1795
357.97	1090.513	5.1808
358.34	1083.355	5.1862
358.43	1090.373	5.1862
358.87	1083.214	5.1943
359.06	1090.233	5.1957
359.53	1083.214	5.2038
359.97	1081.67	5.2078
360.31	1074.511	5.2159
360.5	1081.67	5.2173
361.13	1074.511	5.2254
361.97	1076.196	5.2375
362.32	1069.178	5.2416
362.47	1076.617	5.2456
363.97	1073.108	5.2672
364.55	1065.949	5.2767
364.72	1072.967	5.2767
365.67	1065.668	5.2929
365.97	1065.668	5.2956
366.25	1073.108	5.2983
366.31	1066.089	5.3037
366.35	1059.071	5.3037
366.54	1066.089	5.3023
366.73	1073.529	5.3077
366.95	1066.511	5.3104
367.24	1059.352	5.3145
367.36	1066.37	5.3158
367.97	1063.001	5.3253
368.39	1055.983	5.3307
368.44	1063.001	5.3307
369.46	1055.702	5.3455

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
271.13	925	3.948
271.35	930.1	3.9535
271.5	925	3.9548
271.94	930	3.9602
271.98	927.6	3.9643
272.87	922.4	3.9791
272.95	917.3	3.9778
273.07	922.4	3.9764
273.1	927.4	3.9805
273.33	932.5	3.9818
273.54	927.4	3.9859
273.81	932.4	3.9886
273.98	930	3.9913
274.9	924.8	4.0061
274.93	919.7	4.0048
275.08	924.8	4.0034
275.1	929.9	4.0061
275.3	934.9	4.0102
275.98	933.1	4.021
276.24	938.2	4.0237
276.31	933.1	4.025
276.85	927.9	4.0345
276.89	922.9	4.0318
277.08	927.9	4.0331
277.11	933	4.0345
277.17	938.1	4.0358
277.98	937.9	4.0493
278.9	932.7	4.0628
279.08	937.8	4.0615
279.95	943.1	4.0777
279.98	940.3	4.079
280.57	945.4	4.0844
280.76	940.2	4.0885
280.85	935.1	4.0925
280.89	930.1	4.0912
280.96	925	4.0939
281.1	930	4.0939
281.13	935.2	4.0898
281.16	940.2	4.0939
281.29	945.2	4.0966
281.98	946.8	4.1074
282.89	941.6	4.1195
283.08	946.7	4.1236

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
311.97	1161.026	4.5584
312.51	1154.568	4.5651
312.71	1160.899	4.5678
313.16	1154.441	4.5746
313.97	1154.694	4.5867
314.5	1148.237	4.5935
315.55	1141.652	4.6083
315.97	1142.412	4.6164
316.52	1135.954	4.6245
316.62	1142.285	4.6245
317.84	1135.701	4.6421
317.97	1136.967	4.6448
318.52	1130.509	4.6515
318.6	1136.84	4.6542
319.56	1130.256	4.6677
319.97	1132.282	4.6745
320.51	1125.824	4.6799
320.76	1132.155	4.6839
320.84	1125.824	4.6866
321.97	1123.418	4.7028
322.95	1116.96	4.7177
323.97	1116.327	4.7325
324.52	1109.869	4.742
325.97	1110.882	4.7609
326.54	1104.424	4.7676
327.82	1097.84	4.7879
327.97	1101.132	4.7892
328.18	1094.801	4.7919
328.54	1088.343	4.7987
328.63	1094.674	4.7987
329.97	1091.888	4.8203
330.53	1085.43	4.827
330.64	1091.762	4.827
331.32	1085.304	4.8392
331.97	1083.025	4.8486
332.32	1076.693	4.8527
333.45	1070.109	4.8689
333.97	1069.602	4.8743
335.97	1067.196	4.9054
336.49	1060.612	4.9148
337.97	1054.914	4.9351
338.49	1048.456	4.9432
339.15	1055.167	4.9499
339.19	1048.709	4.9526
339.97	1047.316	4.9634
341.97	1042.758	4.9918
343.95	1036.173	5.0215
343.97	1036.553	5.0201
344.55	1030.095	5.0282
344.75	1036.933	5.0309
345.37	1030.349	5.0404
345.97	1027.816	5.0498
346.26	1034.527	5.0552
346.35	1028.069	5.0566
347.49	1021.611	5.0728

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
369.97	1056.544	5.355
370.38	1049.526	5.359
370.51	1056.544	5.3604
371.97	1051.07	5.382
373.97	1049.386	5.4117
374.27	1042.367	5.4171
374.43	1049.386	5.4171
374.77	1042.227	5.4238
374.89	1035.209	5.4265
374.96	1027.769	5.4252
375.53	1020.61	5.4346
375.97	1026.085	5.4414
377.97	1026.787	5.4697
379.97	1025.944	5.4995
380.84	1018.786	5.5116
381.97	1018.224	5.5278
383.48	1010.925	5.5508
383.97	1012.329	5.5562
385.46	1005.03	5.5805
385.97	1005.872	5.5872
387.97	1003.205	5.6169
388.3	996.1866	5.621
389.89	988.8875	5.6426
389.97	992.1159	5.6453
390.37	985.0975	5.6507
390.42	992.1159	5.648
390.94	984.9572	5.6574
391.97	981.5884	5.6723
392.37	974.57	5.6777
393.97	976.114	5.702
394.11	969.0957	5.7047
394.22	976.5351	5.7047
394.39	969.5168	5.7087
395.51	962.358	5.7236
395.69	969.7975	5.7249
395.85	962.7791	5.7303
395.97	959.9718	5.7317
397.81	952.6727	5.7587
397.94	960.1122	5.7587
397.97	959.27	5.7587
398.07	952.2516	5.7614
398.12	959.6911	5.76
398.29	952.6727	5.7668
398.52	960.1122	5.7668
398.69	953.0938	5.7708
399.97	947.1984	5.7884
400.18	954.6378	5.7911
400.29	947.1984	5.7925
401.72	940.0396	5.8154
401.97	944.6718	5.8181
402.35	937.6534	5.8222
402.43	945.0929	5.8249
403.06	937.9341	5.8343
403.79	930.7754	5.8451
403.97	933.1616	5.8465

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
347.97	1019.839	5.0782
348.53	1013.381	5.0863
348.62	1019.712	5.0876
349.65	1013.128	5.1038
349.97	1016.546	5.1079
350.53	1010.089	5.1187
351.97	1008.949	5.1376
352.27	1002.618	5.1416
353.65	996.0331	5.1619
353.97	994.2604	5.1659
354.51	987.8025	5.1754
354.65	994.2604	5.1741
355.68	987.6759	5.1916
355.97	985.1434	5.1957
356.5	978.6855	5.2038
357.97	973.7471	5.224
358.52	967.2892	5.2335
358.61	973.7471	5.2335
359.97	968.8087	5.2524
360.51	962.4775	5.2618
360.66	968.8087	5.2632
361.6	962.2242	5.2767
361.97	962.6041	5.2821
362.48	956.1462	5.2902
363.97	953.4871	5.3131
365.23	946.9026	5.3293
365.97	947.2825	5.3401
366.55	940.8246	5.3482
366.72	947.5357	5.3509
366.85	941.2045	5.3536
367.97	940.5713	5.3685
369.15	934.1134	5.386
369.97	931.8342	5.3982
370.51	925.3763	5.4076
371.97	923.9834	5.4265
372.53	917.5256	5.436
372.6	923.8568	5.436
373.67	917.3989	5.4522
373.97	919.4249	5.4562
374.51	913.0937	5.4643
374.82	919.8048	5.4684
374.93	913.4736	5.4697
375.97	912.8404	5.4846
376.17	906.5092	5.4873
377.45	899.9247	5.5062
377.97	899.5448	5.5143
377.98	892.707	5.5143
378.19	899.4182	5.517
378.46	893.0869	5.5211
379.48	886.629	5.5359
379.97	885.7427	5.544
380.33	879.2848	5.5467
381.97	874.8529	5.5737
382.3	868.5216	5.5751
383.94	861.9371	5.6021

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
404.15	926.1433	5.8505
404.35	919.1249	5.8532
404.44	926.5644	5.8519
405.14	919.4057	5.864
405.97	913.2295	5.8748
406.64	920.669	5.8843
407.18	913.6506	5.8937
407.97	913.5102	5.9045
409.4	906.3515	5.9261
409.97	904.8075	5.9329
410.34	897.7891	5.9396
410.51	905.2286	5.941
411.18	898.0698	5.9518
411.97	897.0873	5.9626
412.28	890.0689	5.968
413.04	882.9102	5.9788
413.97	881.9276	5.9923
414.28	874.9092	5.9963
414.94	867.7505	6.0058
415.97	868.1716	6.0193
416.2	861.1532	6.0247
416.59	868.5927	6.0287
416.79	861.5743	6.0341
417.97	861.2936	6.0503
418.04	853.9945	6.049
419.97	849.5027	6.08
420.65	842.344	6.0895
421.97	836.589	6.1084
422.33	829.5706	6.1138
422.53	837.0101	6.1152
422.83	829.9917	6.1219
423.96	825.7807	6.1368
424.22	818.2008	6.1408
424.58	825.6403	6.1449
424.75	818.2008	6.1476
425.96	817.499	6.1651
426.37	810.4806	6.1732
426.58	817.9201	6.1746
426.87	810.4806	6.18
427.6	807.1118	6.1894

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
383.97	861.9371	5.6007
384.48	855.6059	5.6102
384.72	862.317	5.6115
384.9	855.9858	5.6142
385.94	849.5279	5.6304
385.97	851.174	5.6304
386.46	844.7161	5.6385
387.62	838.2582	5.6547
387.97	838.6381	5.6588
388.48	832.3069	5.6669
389.92	825.849	5.6871
389.97	828.3815	5.6885
390.46	821.9236	5.6979
391.4	815.4657	5.7087
391.97	815.4657	5.7168
392.46	809.0078	5.7263
392.52	802.2967	5.7249
392.63	809.0078	5.7249
392.91	815.719	5.7303
393.1	809.3877	5.733
393.8	802.9298	5.7452
393.97	807.615	5.7465
394.46	801.1571	5.7546
394.67	807.9948	5.756
395.12	801.537	5.7627
395.97	802.2967	5.7762
396.46	795.9654	5.783
397.97	791.5336	5.8046
398.46	785.2023	5.8114
398.6	791.9134	5.8127
399.46	785.4556	5.8249
399.97	784.1893	5.833
400.45	777.7314	5.8411
401.74	771.2736	5.8586
401.97	771.6534	5.8627
402.38	765.3222	5.8667
403.08	758.9909	5.8775
403.97	755.9519	5.891
404.46	749.494	5.9005
405.45	743.1628	5.9113
405.97	742.2764	5.9207
407.42	735.8185	5.9423
407.97	732.3996	5.9491
409.95	725.8151	5.9788
409.97	726.7015	5.9774
411.89	720.117	6.0058
411.97	721.0034	6.0071
412.49	714.6721	6.0166
413.86	708.2142	6.0355
413.97	709.8604	6.0368
414.47	703.5291	6.0436
414.68	710.2402	6.0463
415.56	703.7824	6.0598
415.97	705.0486	6.0638
416.49	698.7174	6.0733

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
417.97	694.2855	6.0936
418.38	687.9542	6.1003
419.38	681.623	6.1138
419.97	681.1165	6.1219
420.43	674.7852	6.1314
421.52	668.3273	6.1462
421.97	666.6812	6.1516
422.46	660.35	6.1597
422.69	666.9345	6.1611
423.06	660.6032	6.1692
423.96	657.5642	6.1813
424.46	650.8531	6.1881
425.96	646.0413	6.211
426.47	639.3302	6.2178
426.74	646.0413	6.2205
427.08	639.3302	6.2259
427.96	636.6711	6.238
428.43	630.3398	6.2461
429.32	624.0085	6.2583
429.96	624.7683	6.2677
430.46	618.437	6.2758
430.68	625.1482	6.2785
431.2	618.437	6.2853
431.96	616.6643	6.2974
432.45	609.8265	6.3055
433.96	606.7875	6.3271
434.47	600.0764	6.3339
434.57	606.7875	6.3325
435.86	600.3297	6.3528
435.96	604.1284	6.3541
436.45	597.7972	6.3636
437.96	595.138	6.3838
439.53	588.6801	6.4068
439.96	588.6801	6.4122
440.48	581.969	6.4203
440.59	588.6801	6.4203
441.73	582.2223	6.4379
441.96	584.7548	6.4419
442.48	578.0436	6.45
442.69	584.6281	6.4527
443.34	578.2969	6.4622
443.96	576.2709	6.4703
444.44	569.4331	6.4784
444.75	576.1443	6.4811
444.94	569.4331	6.4838
445.96	566.3941	6.5
446.5	559.683	6.5081
446.58	566.3941	6.5081
447.3	560.0629	6.5189
447.96	558.2901	6.5283
448.48	551.579	6.5364
448.79	558.2901	6.5405
449.14	551.579	6.5459
449.96	550.1861	6.5567
450.44	543.475	6.5661

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
450.78	550.1861	6.5688
451.06	543.475	6.5742
451.96	542.9685	6.5877
452.3	536.2573	6.5918
452.75	542.8419	6.5985
452.9	536.2573	6.5999
453.96	534.4846	6.6161
455.36	528.0267	6.6363
455.96	526.7605	6.6444
456.47	520.0493	6.6525
456.62	526.7605	6.6539
457.96	521.5688	6.6728
458.51	514.8577	6.6822
458.61	521.5688	6.6809
459.96	519.4162	6.7025
460.43	512.7051	6.712
460.48	505.9939	6.712
460.63	512.7051	6.7106
460.67	519.2896	6.7133
461.17	512.5785	6.7201
461.96	509.6661	6.7309
462.39	502.9549	6.739
463.96	503.5881	6.7606
464.43	496.8769	6.7673
464.49	490.2924	6.7687
464.66	496.8769	6.7687
464.7	503.5881	6.77
465.5	496.8769	6.7835
465.96	496.7503	6.7903
466.46	490.0392	6.7997
466.65	496.7503	6.7984
467.96	493.7113	6.8186
468.44	487.0002	6.8267
468.67	493.7113	6.8281
469.96	491.9386	6.8483
470.39	485.2274	6.8551
470.69	491.8119	6.8578
471.36	485.1008	6.8686
471.96	487.1268	6.878
472.45	480.5423	6.8848
472.65	487.1268	6.8848
473.96	482.8215	6.905
474.44	476.237	6.9131
474.67	482.8215	6.9131
475.64	476.1104	6.9307
475.96	477.3767	6.9334
476.44	470.6655	6.9428
476.63	477.25	6.9442
477.66	470.5389	6.9577
477.96	473.0714	6.9631
478.42	466.3603	6.9712
478.68	472.9448	6.9725
479.18	466.2337	6.9806
479.96	465.8538	6.9914
480.42	459.1427	7.0009

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
481.96	459.3959	7.0225
482.48	452.8114	7.0293
482.57	459.3959	7.0293
483.96	455.977	7.0509
484.44	449.2659	7.0576
484.66	455.977	7.0617
485.96	452.0516	7.0792
486.42	445.4671	7.0873
486.67	452.0516	7.0887
487.86	445.3405	7.1062
487.96	445.3405	7.1076
488.44	438.6294	7.117
488.64	445.2139	7.1184
489.96	438.8826	7.1373
490.48	432.2981	7.1454
490.63	438.8826	7.144
490.69	445.5938	7.1467
491.88	438.756	7.1656
491.96	438.756	7.1656
492.44	432.1715	7.1751
492.65	438.756	7.1751
493.96	434.9573	7.1953
494.43	428.2461	7.2034
494.64	434.9573	7.2034
495.65	428.2461	7.221
495.96	428.626	7.225
496.33	421.9149	7.2291
497.96	421.0285	7.252
498.43	414.3174	7.2615
498.7	420.9019	7.2628
499.96	417.6096	7.2817
500.43	410.8985	7.2912
500.53	404.314	7.2912
500.63	410.8985	7.2898
500.67	417.483	7.2912
501.96	418.2427	7.3115
502.41	411.5316	7.3196
502.65	418.2427	7.3196
503.21	411.5316	7.3304
503.96	411.1517	7.3385
504.43	404.4406	7.3479
504.61	411.0251	7.3493
505.96	412.5446	7.3709
506.22	405.9601	7.3722
507.96	404.1874	7.3979
508.42	397.6028	7.406
508.48	390.8917	7.4073
508.63	397.6028	7.4046
508.68	404.1874	7.4046
509.51	397.4762	7.4222
509.96	399.5022	7.4276
510.43	392.9177	7.4343
510.69	399.5022	7.437
511.89	392.7911	7.4546
511.96	394.4372	7.4573

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
512.44	387.8527	7.464
512.65	394.4372	7.4667
512.74	401.0217	7.4694
513.47	394.3106	7.4816
513.96	391.7781	7.4897
514.43	385.1936	7.4964
514.64	391.7781	7.4978
514.86	390.132	7.5018

S6-2 7 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	2.5	0.0081
0.7855	7.7	0.0162
1.9998	8.4	0.0338
2.5298	3.2	0.0459
2.7403	8.4	0.0378
3.9997	11.6	0.0621
4.4906	6.3	0.0756
4.7418	11.6	0.0648
5.9995	16.2	0.0932
6.5314	10.9	0.1026
6.7772	16.2	0.0972
7.9993	20.1	0.1188
8.4315	14.8	0.1296
8.5137	9.5	0.1337
8.6905	14.8	0.1256
8.7393	20.1	0.1256
9.9992	23.6	0.1512
10.37	18.3	0.1593
10.449	13	0.1634
10.696	18.3	0.1512
10.739	23.6	0.1566
11.999	26	0.1796
12.405	20.7	0.189
12.466	15.5	0.1931
12.548	10.2	0.1877
12.663	15.5	0.1823
12.698	20.7	0.1796
12.737	26	0.1836
13.999	28.8	0.2079
14.413	23.6	0.216
14.485	18.3	0.2214
14.546	13	0.2214
14.661	18.3	0.2106
14.695	23.6	0.2079
14.735	28.8	0.2133
15.999	27.8	0.2363
16.448	22.5	0.2484
16.491	17.2	0.2511
16.682	22.5	0.239
16.715	27.8	0.2376
17.123	33	0.2538
17.999	34.1	0.2646
18.368	28.8	0.2754
18.444	23.5	0.2768
18.488	18.3	0.2808
18.677	23.5	0.2687
18.707	28.8	0.2687
18.737	34.1	0.2714
19.998	34.4	0.2957
20.407	29.2	0.3052
20.477	23.9	0.3079
20.529	18.6	0.3079
20.673	23.9	0.2997
20.705	29.2	0.297
20.733	34.4	0.2997

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	2.47854	0.027
0.2944	6.583622	0.0297
0.8558	10.6887	0.0378
1.8952	14.79379	0.0527
1.9998	14.79379	0.054
3.1368	18.89887	0.0702
3.9997	19.44105	0.0837
4.874	23.46868	0.0986
5.9995	27.03158	0.1161
6.2036	22.9265	0.1202
6.3044	18.82141	0.1215
6.3475	14.79379	0.1215
6.3861	10.6887	0.1242
6.497	6.583622	0.1242
6.6294	2.47854	0.1242
6.7012	-1.62654	0.1242
6.7497	2.47854	0.1229
6.7789	6.583622	0.1229
6.8533	10.6887	0.1229
6.9104	14.71633	0.1229
6.9528	18.82141	0.1202
6.9745	22.9265	0.1202
7.0187	27.03158	0.1256
7.5352	22.9265	0.1377
7.5786	27.03158	0.1364
7.6699	31.13666	0.1404
7.684	27.03158	0.1418
7.7723	31.13666	0.1431
7.8237	27.03158	0.1472
7.8569	22.9265	0.1485
7.8811	18.82141	0.1499
7.9054	14.71633	0.1499
7.9293	10.6887	0.1499
7.9449	6.583622	0.1499
7.9615	2.47854	0.1499
7.9781	-1.62654	0.1499
7.992	-5.73162	0.1512
7.9993	-7.04835	0.1472
8.0167	-11.1534	0.1472
8.153	-7.04835	0.1404
8.191	-2.94327	0.1404
8.2137	1.084361	0.1391
8.2357	5.189443	0.1391
8.2544	9.294525	0.1377
8.2718	13.39961	0.1404
8.2852	17.50469	0.1404
8.3042	21.60977	0.1431
8.3578	25.6374	0.1472
8.8776	29.74248	0.1539
9.9348	33.84756	0.1688
9.9992	33.30538	0.1701
11.799	37.33301	0.1958
11.999	37.10065	0.2012
12.976	41.20573	0.212
13.403	37.10065	0.2201

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	16.3	0.0513
0.0515	21.6	0.0513
0.1158	26.9	0.054
0.7382	32.2	0.0635
1.3782	37.5	0.0716
1.9998	42	0.0824
2.7176	47.3	0.0891
3.6975	52.6	0.1067
3.9997	53.7	0.108
5.7564	58.9	0.135
5.9995	58.9	0.1377
7.8754	64.2	0.1647
7.9993	63.9	0.1674
9.6738	69.1	0.1917
9.9992	68.8	0.1958
11.836	74	0.2214
11.999	74	0.2241
13.999	78.2	0.2538
15.828	83.5	0.2808
15.999	82.1	0.2822
17.009	87.3	0.297
17.999	87.3	0.3106
19.608	92.6	0.3349
19.998	92.2	0.3403
21.505	97.4	0.3632
21.998	97.1	0.3686
23.601	102.3	0.3943
23.998	102.3	0.401
25.681	107.6	0.4226
25.998	107.6	0.428
27.579	112.8	0.4496
27.998	112.8	0.4564
29.044	118.1	0.4712
29.998	118.4	0.4861
31.442	123.6	0.5063
31.997	124.3	0.5144
33.457	129.5	0.536
33.997	128.8	0.5441
34.839	134.1	0.5549
35.997	135.1	0.5725
37.001	140.3	0.5873
37.997	142.4	0.6022
39.461	147.6	0.6238
39.997	148	0.6319
41.997	151.8	0.6616
42.861	157	0.6738
43.996	158.8	0.6886
45.063	164	0.7048
45.996	165.7	0.7183
46.826	170.9	0.7305
47.996	172.7	0.748
48.924	177.9	0.7602
49.996	179.3	0.7764
50.942	184.5	0.7885
51.996	186.6	0.8047

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	7.91755	0.0405
1.9998	10.55673	0.0702
3.9997	8.943899	0.0986
5.9995	12.02295	0.1269
7.9993	13.63578	0.1566
9.9992	16.27496	0.1863
11.999	18.76753	0.2133
13.999	21.84657	0.243
15.999	24.92562	0.2727
16.686	17.30131	0.2835
16.95	24.92562	0.2822
17.999	25.95197	0.3011
19.998	30.64385	0.3295
21.998	31.6702	0.3592
22.659	23.89927	0.3713
22.971	31.6702	0.37
23.656	39.29451	0.3835
23.998	36.21546	0.3889
25.998	41.34721	0.4186
26.705	33.7229	0.428
26.78	41.34721	0.4267
27.998	43.98639	0.4442
28.375	36.21546	0.451
28.429	43.98639	0.4496
28.62	36.21546	0.4577
28.891	43.98639	0.4564
29.195	36.21546	0.4645
29.424	43.98639	0.4645
29.998	38.85464	0.4753
30.047	46.47895	0.4766
30.47	54.24988	0.482
30.614	46.47895	0.4834
31.547	54.24988	0.4982
31.997	51.17083	0.5036
32.154	43.39991	0.509
32.27	51.17083	0.5077
33.997	57.32893	0.5333
34.602	49.558	0.5441
34.674	41.93369	0.5455
34.852	49.558	0.5428
34.903	57.32893	0.5414
35.154	49.558	0.5522
35.282	57.32893	0.5495
35.997	54.68975	0.563
36.152	62.46067	0.563
36.495	54.68975	0.5698
36.807	62.46067	0.5752
37.997	65.53972	0.5914
39.997	63.48702	0.6211
40.384	71.11133	0.6252
40.594	63.3404	0.6306
40.804	71.11133	0.6306
41.997	71.11133	0.6495
42.632	63.3404	0.6589
42.751	71.11133	0.6576

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
21.998	38.6	0.3227	13.694	41.20573	0.2228	52.921	191.8	0.8169	43.996	74.19038	0.6792
22.339	33.4	0.3322	13.999	42.52245	0.2282	53.996	194.2	0.8331	45.364	81.81469	0.6981
22.403	28.1	0.3349	14.956	46.62753	0.2417	54.907	199.4	0.8466	45.402	74.19038	0.6967
22.466	22.8	0.3389	14.969	42.52245	0.2444	55.995	202.9	0.8641	45.996	79.76199	0.7062
22.524	17.6	0.3362	15.518	46.62753	0.2498	56.945	208.1	0.8776	46.574	72.13768	0.717
22.655	22.8	0.3241	15.999	45.54317	0.2579	57.995	210.9	0.8938	46.627	64.36675	0.7197
22.688	28.1	0.3241	16.533	49.5708	0.2646	58.985	216.1	0.906	46.698	56.74244	0.7183
22.712	33.4	0.3268	16.608	45.54317	0.2673	59.995	217.4	0.9209	46.797	64.36675	0.717
22.746	38.6	0.3322	16.993	49.5708	0.2714	60.906	222.7	0.933	46.836	72.13768	0.717
23.998	42.1	0.3538	17.999	52.04934	0.2862	61.995	225.8	0.9492	46.876	79.76199	0.7156
24.104	36.9	0.3551	18.188	47.94426	0.2903	62.825	231	0.9614	47.889	72.13768	0.7359
24.423	31.6	0.3646	18.315	52.04934	0.2916	63.995	234.8	0.9789	47.968	64.36675	0.7359
24.482	26.3	0.3673	19.656	56.15442	0.3092	64.791	240	0.9897	47.996	63.92689	0.7359
24.534	21.1	0.3659	19.998	57.78096	0.3173	65.995	242	1.0086	48.105	71.55119	0.7372
24.66	26.3	0.3565	20.141	53.67588	0.3187	66.665	247.3	1.0167	48.137	79.32212	0.7359
24.693	31.6	0.3551	20.414	57.78096	0.3227	67.782	252.4	1.0329	48.632	71.55119	0.7453
24.719	36.9	0.3578	21.418	61.80859	0.3362	67.994	250.7	1.0356	48.734	79.1755	0.7453
24.773	42.1	0.3632	21.998	61.03405	0.3457	68.501	255.9	1.0437	49	86.94643	0.7507
25.047	36.9	0.3686	22.472	65.06168	0.3497	69.738	261.1	1.0613	49.043	79.1755	0.7507
25.32	42.1	0.3713	23.577	69.16676	0.3673	69.994	261.4	1.0653	49.759	86.94643	0.7602
25.998	40.4	0.3808	23.605	65.06168	0.37	70.762	266.6	1.0761	49.996	86.94643	0.7642
26.407	35.1	0.3916	23.998	67.77258	0.374	71.961	271.8	1.0937	50.047	79.1755	0.7683
26.459	29.8	0.3956	24.43	71.87766	0.3794	71.994	270.4	1.095	50.339	86.94643	0.771
26.5	24.6	0.3956	24.557	67.77258	0.3835	72.781	275.6	1.1045	50.828	79.1755	0.7791
26.667	29.8	0.3835	24.932	71.87766	0.3875	73.866	280.8	1.122	51.099	86.94643	0.7804
26.69	35.1	0.3821	25.893	75.90529	0.401	73.994	279.4	1.1234	51.593	79.1755	0.7885
26.713	40.4	0.3835	25.998	75.13074	0.4037	74.787	284.6	1.1342	51.764	86.94643	0.7899
26.759	45.6	0.3902	26.928	79.15837	0.4159	75.864	289.8	1.1504	51.996	87.3863	0.7939
27.073	40.4	0.3983	27.953	83.26345	0.4307	75.994	289.1	1.1531	52.252	79.76199	0.798
27.675	45.6	0.4064	27.998	82.95364	0.4334	76.808	294.3	1.1639	52.287	87.3863	0.798
27.998	45.3	0.4118	28.832	87.05872	0.4442	77.994	296.3	1.1814	52.606	79.76199	0.8034
28.343	40	0.4186	29.022	82.95364	0.4496	78.241	301.5	1.1841	52.651	71.99106	0.8047
28.404	34.7	0.4199	29.151	87.05872	0.4483	79.624	306.7	1.2044	52.757	79.76199	0.8034
28.464	29.5	0.4226	29.998	88.37544	0.4618	79.993	305.3	1.2084	52.793	87.3863	0.8047
28.506	24.2	0.424	30.585	92.48052	0.4699	80.382	310.5	1.2152	53.09	79.76199	0.8115
28.656	29.5	0.4118	30.783	88.37544	0.4739	81.958	315.7	1.2382	53.247	87.3863	0.8142
28.69	34.7	0.4118	30.954	92.48052	0.4739	81.993	314.6	1.2395	53.989	79.76199	0.8236
28.713	40	0.4145	31.875	96.50815	0.4874	82.583	319.8	1.2476	53.996	80.20185	0.8223
28.738	45.3	0.4172	31.997	93.79725	0.4901	83.525	325	1.2625	54.139	87.97278	0.8236
29.998	47	0.4402	32.254	97.90233	0.4928	83.993	325.3	1.2692	54.588	80.20185	0.8331
30.352	41.8	0.4483	33.064	101.93	0.5063	84.776	330.5	1.2787	54.776	87.82616	0.8331
30.423	36.5	0.4496	33.997	105.4929	0.5185	85.615	335.7	1.2922	55.923	95.59709	0.8506
30.481	31.2	0.451	34.847	109.5205	0.532	85.993	333.9	1.2976	55.977	87.82616	0.852
30.523	26	0.4537	35.262	105.4154	0.5401	86.374	339.1	1.3016	55.995	87.82616	0.852
30.669	31.2	0.4442	35.451	109.5205	0.5387	87.715	344.3	1.3205	56.363	95.59709	0.856
30.695	36.5	0.4415	35.912	113.5481	0.5468	87.993	345	1.3259	56.757	87.82616	0.8628
30.721	41.8	0.4429	35.997	113.0059	0.5482	88.779	350.1	1.3394	57.202	95.59709	0.8695
30.752	47	0.4456	37.09	117.111	0.563	89.857	355.3	1.3529	57.366	87.82616	0.8722
31.997	50.5	0.4685	37.997	119.5121	0.5779	89.993	354.6	1.3543	57.778	95.59709	0.8763
32.39	45.3	0.4753	38.472	123.6172	0.5833	90.759	359.8	1.3664	57.995	95.59709	0.8817
32.483	40	0.4807	39.771	127.6448	0.6022	91.557	365	1.3786	58.232	87.82616	0.8857
32.545	34.7	0.4807	39.997	128.187	0.6049	91.992	364.2	1.384	58.381	95.59709	0.883
32.627	29.5	0.4766	40.789	132.2146	0.6184	92.714	369.4	1.3948	58.756	87.82616	0.8911
32.655	34.7	0.4753	41.607	136.3197	0.6292	93.576	374.6	1.4069	58.853	95.59709	0.8911
32.713	40	0.4739	41.997	135.4677	0.636	93.992	375.3	1.4123	59.995	94.42412	0.91

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
32.753	45.3	0.4739	42.284	139.4953	0.6387	94.639	380.4	1.4231	60.377	102.195	0.9141
32.791	50.5	0.4753	43.03	143.6004	0.6508	95.675	385.6	1.4366	60.521	94.42412	0.9195
33.908	45.2	0.4969	43.996	146.3113	0.6657	95.992	387.3	1.442	60.586	86.79981	0.9209
33.997	48.4	0.4982	44.569	150.3389	0.6724	96.812	392.5	1.4542	60.627	79.1755	0.9209
34.408	43.1	0.5077	45.068	154.444	0.6805	97.969	397.6	1.4704	60.68	71.40457	0.9222
34.465	37.9	0.5117	45.278	150.3389	0.6846	97.992	397.3	1.4704	60.763	63.78027	0.9222
34.503	32.6	0.5117	45.673	154.3666	0.6886	98.831	402.4	1.4839	60.892	71.40457	0.9209
34.562	27.3	0.5104	45.996	154.9088	0.694	99.992	404.1	1.5014	60.922	79.02888	0.9209
34.628	32.6	0.5009	46.615	159.0138	0.7021	100.39	409.3	1.5055	60.952	86.79981	0.9209
34.659	37.9	0.5009	47.468	163.0415	0.7143	101.43	414.4	1.5203	60.992	94.42412	0.9209
34.688	43.1	0.5009	47.996	163.0415	0.7237	101.99	415.8	1.5285	61.455	102.195	0.9303
34.711	48.4	0.4982	48.428	167.0691	0.7291	102.63	421	1.5379	61.539	94.42412	0.933
34.734	53.7	0.5023	49.189	171.0967	0.7413	103.47	426.1	1.5501	61.995	98.52951	0.9398
34.921	48.4	0.5131	49.263	167.0691	0.7426	103.99	426.4	1.5568	63.995	99.55586	0.9681
35.194	53.7	0.5144	49.452	171.0967	0.7426	104.52	431.6	1.5663	65.995	102.6349	0.9978
35.997	57.2	0.5279	49.996	173.0331	0.7507	105.63	436.8	1.5811	67.994	97.94303	1.0262
36.218	51.9	0.5306	50.508	177.0607	0.7575	105.99	437.4	1.5865	68.335	105.5673	1.0316
36.356	46.6	0.5347	51.889	181.0883	0.7791	106.62	442.6	1.596	68.576	97.94303	1.037
36.437	41.4	0.5387	51.996	180.5461	0.7818	107.84	447.7	1.6135	68.6	90.31872	1.0383
36.486	36.1	0.5387	52.445	184.5738	0.7872	107.99	448	1.6162	68.627	82.54779	1.037
36.538	30.8	0.5401	53.152	188.6014	0.798	108.7	453.2	1.6257	68.681	74.92348	1.0383
36.654	36.1	0.532	53.996	190.5378	0.8101	109.94	458.3	1.6446	68.883	67.29918	1.0383
36.692	41.4	0.5306	54.707	194.5654	0.8196	109.99	457.3	1.6459	69.015	74.92348	1.0397
36.716	46.6	0.5293	55.067	198.593	0.825	110.78	462.4	1.6554	69.055	82.54779	1.037
36.74	51.9	0.5306	55.359	194.5654	0.829	111.66	467.6	1.6689	69.074	90.31872	1.0383
36.777	57.1	0.536	55.527	198.593	0.8317	111.99	466.2	1.6743	69.111	97.94303	1.037
37.626	51.9	0.5536	55.995	200.9941	0.8385	112.44	471.3	1.6797	69.134	105.5673	1.0383
37.876	57.1	0.5549	56.511	205.0992	0.8466	113.62	476.5	1.6972	69.139	97.94303	1.0397
37.997	57.1	0.5563	57.125	209.1268	0.8547	113.99	478.9	1.7026	69.27	105.5673	1.0437
38.38	51.9	0.5617	57.254	205.0217	0.856	114.88	484	1.7161	69.52	97.94303	1.0491
38.455	46.6	0.5698	57.443	209.1268	0.8601	115.09	478.8	1.7188	69.639	105.5673	1.0491
38.497	41.4	0.5698	57.886	213.1544	0.8668	115.24	484	1.7215	69.994	104.541	1.0572
38.54	36.1	0.5698	57.995	211.5279	0.8682	115.98	489.1	1.731	70.8	96.91668	1.0667
38.696	41.4	0.5617	58.489	215.5555	0.8749	115.99	489.1	1.7323	70.95	104.541	1.068
38.732	46.6	0.5617	59.185	219.5832	0.8844	116.84	494.2	1.7431	71.994	104.541	1.0829
38.757	51.9	0.559	59.995	222.5264	0.8979	117.99	496.6	1.7607	73.994	105.5673	1.1112
38.783	57.1	0.5617	60.647	226.6315	0.9073	118.32	501.8	1.7647	74.391	113.1916	1.118
39.997	61.7	0.5846	61.459	230.6591	0.9182	119.72	506.8	1.785	74.397	105.5673	1.118
40.156	56.4	0.5873	61.995	232.2082	0.9276	119.99	509.3	1.7904	75.23	113.1916	1.1301
40.38	51.2	0.5927	62.378	236.3133	0.9303	120.85	514.4	1.8025	75.317	105.5673	1.1328
40.454	45.9	0.5954	62.67	232.2082	0.9398	121.96	519.5	1.8187	75.445	113.1916	1.1328
40.502	40.6	0.5968	62.701	228.1806	0.9398	121.99	519.1	1.8187	75.451	105.5673	1.1342
40.559	35.4	0.5981	62.731	224.0755	0.9398	122.77	524.3	1.8282	75.994	109.5261	1.1436
40.669	40.6	0.59	62.753	220.0479	0.9411	123.79	529.4	1.8444	76.559	101.9018	1.1517
40.704	45.9	0.5887	62.784	215.9428	0.9411	123.99	529.4	1.8485	76.788	109.5261	1.1531
40.731	51.2	0.59	62.812	211.9152	0.9411	124.75	534.5	1.8579	77.994	110.1126	1.1706
40.761	56.4	0.59	62.843	207.8101	0.9411	125.79	539.6	1.8728	78.594	102.3417	1.1801
40.791	61.7	0.5927	62.867	203.7825	0.9411	125.99	541.7	1.8768	78.635	94.71736	1.1828
41.188	56.4	0.6035	62.896	199.7548	0.9425	126.79	546.8	1.889	78.674	87.09305	1.1828
41.533	61.7	0.6049	62.946	195.6498	0.9411	127.99	548.4	1.9038	78.719	79.46875	1.1841
41.619	56.4	0.609	63.076	199.7548	0.9384	128.65	553.6	1.9146	78.906	87.09305	1.1814
41.729	61.7	0.6063	63.107	203.7825	0.9384	129.51	558.7	1.9281	78.93	94.71736	1.1828
41.997	62.7	0.613	63.128	207.8875	0.9384	129.99	559	1.9349	78.964	102.3417	1.1814
42.133	57.5	0.6171	63.146	211.9152	0.9384	130.79	564.1	1.9457	78.988	110.1126	1.1814
42.271	62.7	0.6171	63.16	215.9428	0.9384	131.73	569.2	1.9605	79.993	110.5525	1.2003

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
42.346	57.5	0.6225	63.177	220.0479	0.9371	131.99	569.2	1.9632	80.423	118.1768	1.2044
42.398	52.2	0.6238	63.188	224.0755	0.9371	132.61	574.3	1.9713	80.45	110.5525	1.2071
42.457	46.9	0.6252	63.199	228.1806	0.9357	133.89	579.4	1.9902	80.57	102.9282	1.2085
42.492	41.7	0.6292	63.211	232.2082	0.9384	133.99	578	1.9929	80.783	110.5525	1.2112
42.534	36.4	0.6252	63.22	236.2358	0.9371	134.51	583.2	2.001	81.993	113.045	1.2287
42.617	41.7	0.6211	63.237	240.3409	0.9411	135.6	588.3	2.0159	82.58	105.4207	1.2382
42.657	46.9	0.6184	63.26	244.3686	0.9425	135.99	587.9	2.0213	82.651	97.79641	1.2409
42.683	52.2	0.6157	63.613	240.2635	0.9492	136.44	593	2.028	82.837	105.4207	1.2382
42.706	57.5	0.6171	63.995	242.742	0.9533	137.68	598.1	2.0456	82.881	113.045	1.2409
42.728	62.7	0.6184	64.397	246.7696	0.96	137.99	598.8	2.051	83.032	105.4207	1.2436
43.301	57.4	0.636	65.037	250.7973	0.9708	138.84	603.9	2.0645	83.129	113.045	1.2449
43.449	62.7	0.6306	65.954	254.8249	0.983	139.91	608.9	2.078	83.575	105.4207	1.253
43.996	63	0.6441	65.995	255.0573	0.983	139.99	607.2	2.0793	83.62	113.045	1.2503
44.362	57.8	0.6522	66.753	259.0849	0.9938	140.6	612.3	2.0888	83.993	113.4849	1.2584
44.397	52.5	0.6535	67.561	263.1125	1.0059	141.8	617.4	2.105	84.421	121.2558	1.2638
44.446	47.3	0.6576	67.994	263.6547	1.0127	141.99	616.3	2.109	84.443	113.4849	1.2638
44.477	42	0.6562	68.33	267.6823	1.0167	142.48	621.5	2.1158	84.589	105.8606	1.2692
44.535	36.8	0.6535	68.997	271.7874	1.0262	143.92	626.5	2.1361	84.747	113.4849	1.2665
44.595	42	0.6508	69.795	275.7376	1.0383	143.99	623.8	2.1374	85.993	116.5639	1.2868
44.643	47.3	0.6454	69.994	276.5896	1.041	144.51	628.9	2.1455	87.993	113.9248	1.3165
44.665	52.5	0.6454	70.451	280.6172	1.0478	144.91	634	2.1509	88.383	121.6957	1.3205
44.685	57.8	0.6441	70.702	276.5121	1.0532	145	628.9	2.1523	88.654	113.9248	1.3259
44.705	63	0.6454	70.841	280.6172	1.0545	145.57	634	2.1604	88.74	121.6957	1.3246
44.729	68.3	0.6508	71.148	284.6448	1.0586	145.99	635.7	2.1671	88.893	113.9248	1.3286
45.133	62.7	0.6603	71.994	287.2783	1.0707	146.81	640.8	2.1779	89.223	121.6957	1.3327
45.774	67.9	0.6684	72.52	291.3059	1.0775	147.99	645.5	2.1968	89.769	113.9248	1.3421
45.996	67.9	0.6724	73.072	295.3335	1.0856	149.47	650.5	2.2171	89.993	118.0301	1.3448
46.313	62.7	0.6805	73.994	298.5866	1.0991	149.99	652.9	2.2252	91.83	110.4058	1.3745
46.352	57.4	0.6819	74.414	302.6142	1.1045	150.57	658	2.2333	91.977	118.0301	1.3732
46.392	52.2	0.6819	75.07	306.6419	1.1153	150.63	652.8	2.2346	91.992	117.4437	1.3745
46.442	46.9	0.6859	75.26	302.5368	1.1193	150.88	658	2.2387	92.668	109.8194	1.384
46.477	41.7	0.6859	75.45	306.6419	1.1207	151.99	661.6	2.2549	92.757	117.4437	1.3826
46.517	36.4	0.6832	75.993	310.592	1.1288	152.88	666.7	2.267	93.401	125.068	1.3934
46.624	41.7	0.6751	75.994	310.592	1.1288	153.09	661.5	2.2697	93.446	117.4437	1.3961
46.65	46.9	0.6751	76.556	314.6197	1.1355	153.26	666.7	2.2724	93.992	115.391	1.4042
46.673	52.2	0.6724	77.231	318.6473	1.1463	153.98	671.8	2.2819	94.077	123.0153	1.4015
46.692	57.4	0.6738	77.96	322.6749	1.1571	153.99	671.4	2.2832	95.526	115.391	1.4245
46.712	62.7	0.6751	77.994	322.4426	1.1585	154.86	676.5	2.294	95.675	123.0153	1.4258
46.744	67.9	0.6805	78.615	326.4702	1.1666	155.99	677.8	2.3116	95.992	124.0416	1.4312
47.996	68.6	0.7008	79.454	330.4204	1.1787	156.5	682.9	2.3197	96.09	116.4173	1.4353
48.377	63.4	0.7075	79.993	332.5891	1.1855	156.58	677.7	2.3197	96.341	124.0416	1.4366
48.431	58.1	0.7129	80.674	336.6167	1.1963	156.74	682.9	2.3224	96.562	116.4173	1.442
48.472	52.8	0.7116	81.083	340.6443	1.2003	157.78	687.9	2.3372	96.602	108.793	1.4434
48.516	47.6	0.7156	81.993	341.9611	1.2138	157.99	686.2	2.3413	96.643	101.1687	1.442
48.554	42.3	0.7116	82.179	345.9887	1.2166	158.52	691.3	2.348	96.696	93.39777	1.4434
48.642	47.6	0.7048	82.814	350.0163	1.226	159.99	694.3	2.3696	96.788	85.77346	1.4447
48.671	52.8	0.7048	83.451	353.9665	1.2368	160.91	699.3	2.3818	96.934	93.39777	1.442
48.701	58.1	0.7035	83.993	353.9665	1.2436	161.99	700.2	2.398	96.954	101.1687	1.4447
48.724	63.4	0.7021	84.075	357.9941	1.2449	163.03	705.3	2.4142	96.977	108.793	1.4407
48.744	68.6	0.7035	84.854	362.0218	1.2557	163.74	700	2.425	96.996	116.4173	1.442
48.785	73.9	0.7102	85.457	366.0494	1.2652	163.99	702.8	2.4277	97.056	124.0416	1.4447
48.981	68.6	0.7129	85.993	367.9083	1.2733	164.93	707.8	2.4426	97.226	116.4173	1.4488
49.809	73.8	0.7264	86.799	371.9359	1.2841	165.48	702.6	2.4493	97.316	124.0416	1.4501
49.996	72.1	0.7305	87.557	375.8861	1.2962	165.99	703.6	2.4574	97.906	116.4173	1.4596
50.346	66.8	0.7372	87.993	377.2028	1.3016	167.21	708.6	2.475	97.992	119.4964	1.4582

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
50.398	61.6	0.7386	88.335	381.2304	1.3057	167.99	712	2.4871	98.379	127.1207	1.465
50.459	56.3	0.7426	89.01	385.2581	1.3151	168.53	717.1	2.4925	98.55	119.3497	1.4717
50.515	51.1	0.7413	89.801	389.2857	1.3273	168.69	722.2	2.4979	98.587	111.7254	1.4717
50.572	45.8	0.7426	89.993	388.9759	1.33	168.73	717.1	2.4993	98.63	104.1011	1.4717
50.657	51.1	0.7386	90.417	393.0035	1.3381	168.75	711.9	2.5006	98.672	96.47682	1.4731
50.689	56.3	0.7359	91.069	397.0311	1.3462	168.77	706.7	2.4993	98.744	88.85251	1.4731
50.728	61.6	0.7345	91.714	400.9813	1.3556	168.79	701.6	2.5006	98.912	96.47682	1.4731
50.758	66.8	0.7359	91.992	402.6078	1.3597	168.81	696.4	2.502	98.941	104.1011	1.4731
50.781	72.1	0.7359	92.329	406.6355	1.3637	168.82	691.2	2.502	98.963	111.7254	1.4717
51.152	77.3	0.7453	92.985	410.6631	1.3745	168.83	686.1	2.5006	98.991	119.3497	1.4717
51.173	72.1	0.7453	93.278	406.558	1.3799	168.85	680.9	2.5006	99.013	127.1207	1.4704
51.259	66.8	0.7494	93.567	410.5856	1.3813	168.86	675.8	2.5006	99.018	119.3497	1.4717
51.326	72.1	0.748	93.992	411.9024	1.3907	168.89	670.6	2.5006	99.455	127.1207	1.4798
51.949	77.3	0.7575	94.058	407.8747	1.3907	168.9	665.4	2.5033	99.992	128.0004	1.4879
51.996	73.8	0.7602	94.153	411.9024	1.3921	168.92	660.3	2.502	100.02	120.3761	1.4906
52.058	68.6	0.7615	94.748	415.93	1.3988	168.93	655.1	2.5033	100.38	128.0004	1.4947
52.122	73.8	0.7602	95.146	419.9576	1.4056	168.95	650	2.5033	100.57	120.3761	1.5014
52.222	68.6	0.7642	95.316	415.8525	1.4083	168.96	644.8	2.5033	100.59	112.7518	1.5028
52.286	73.8	0.7642	95.567	419.8802	1.4123	168.98	639.6	2.5047	100.61	105.1275	1.5014
52.352	68.6	0.7656	95.992	422.5911	1.4177	168.99	634.5	2.5033	100.63	97.50317	1.5028
52.395	63.3	0.7669	96.612	426.5412	1.4258	169.01	629.3	2.5033	100.67	89.87886	1.5014
52.477	58.1	0.7683	97.473	430.5689	1.4393	169.02	624.2	2.5033	100.72	82.25455	1.5041
52.558	52.8	0.7696	97.992	431.8856	1.4461	169.04	619	2.5033	100.77	74.48362	1.5041
52.667	58.1	0.7656	98.282	435.9132	1.4515	169.19	624.2	2.4993	100.89	66.85931	1.5041
52.705	63.3	0.7669	98.356	431.8081	1.4528	169.21	629.3	2.502	100.96	74.48362	1.5028
52.738	68.6	0.7642	98.485	435.8358	1.4528	169.22	634.5	2.502	100.98	82.25455	1.5001
52.762	73.8	0.7642	98.865	439.8634	1.4596	169.24	639.7	2.5006	101	89.87886	1.5001
52.801	79.1	0.7696	99.259	435.8358	1.4663	169.25	644.8	2.5006	101.03	97.50317	1.5001
53.07	73.8	0.775	99.38	439.8634	1.4677	169.26	650	2.5006	101.05	105.1275	1.5001
53.692	79	0.7818	99.992	442.7292	1.4758	169.27	655.1	2.5006	101.07	112.7518	1.4987
53.996	78.3	0.7885	100.4	446.7568	1.4812	169.28	660.3	2.5006	101.09	120.3761	1.4987
54.2	73.1	0.7912	101.07	450.7845	1.4906	169.28	665.5	2.4993	101.56	128.0004	1.5123
54.361	67.8	0.7953	101.33	446.7568	1.4947	169.29	670.6	2.4979	101.74	120.3761	1.515
54.402	62.6	0.7966	101.42	450.707	1.4974	169.3	675.8	2.4979	101.99	121.8423	1.5177
54.453	57.3	0.7993	101.8	454.7346	1.5028	169.3	680.9	2.4993	102.25	129.6132	1.5217
54.492	52.1	0.798	101.99	454.7346	1.5055	169.31	686.1	2.4993	102.81	121.8423	1.5325
54.533	46.8	0.8007	102.54	458.7623	1.5122	169.32	691.3	2.4979	103.17	129.4666	1.5366
54.628	52.1	0.7926	103.04	462.7899	1.5176	169.32	696.4	2.4979	103.99	124.4815	1.5474
54.661	57.3	0.7939	103.89	466.7401	1.5312	169.33	701.6	2.4979	104.07	132.1058	1.5474
54.684	62.6	0.7912	103.99	465.8881	1.5352	169.34	706.7	2.4966	104.71	124.3349	1.5582
54.703	67.8	0.7885	104.58	469.9157	1.542	169.35	711.9	2.5006	105.44	131.9592	1.5703
54.722	73.1	0.7926	104.91	473.9433	1.546	169.35	717	2.502	105.45	124.3349	1.569
54.743	78.3	0.7953	105.29	469.8382	1.5541	169.36	722.2	2.5006	105.99	128.0004	1.5771
55.995	82.2	0.8169	105.41	473.8659	1.5541	169.37	727.4	2.5006	106.58	120.2295	1.5879
56.288	76.9	0.8223	105.71	477.8935	1.5582	169.38	732.5	2.5047	106.6	112.6052	1.5892
56.348	71.7	0.825	105.81	473.8659	1.5622	169.4	737.6	2.5087	106.63	104.9809	1.5892
56.378	66.4	0.825	105.92	477.8935	1.5609	169.43	732.4	2.5101	106.68	97.35654	1.5879
56.42	61.2	0.8277	105.99	477.8935	1.5636	169.45	727.3	2.5114	106.77	89.73224	1.5919
56.46	55.9	0.829	106.68	481.8437	1.573	169.47	722.1	2.5101	106.82	82.10793	1.5919
56.493	50.7	0.8317	107.02	485.8713	1.5784	169.5	717	2.5087	106.97	89.73224	1.5892
56.533	45.4	0.8277	107.28	481.8437	1.5825	169.52	711.8	2.5101	106.99	97.35654	1.5892
56.61	50.7	0.825	107.41	485.8713	1.5838	169.54	706.6	2.5114	107.02	104.9809	1.5879
56.646	55.9	0.8196	107.77	489.8215	1.5879	169.57	701.5	2.5087	107.05	112.6052	1.5879
56.67	61.2	0.8196	107.99	490.9058	1.5919	169.59	696.3	2.5101	107.07	120.2295	1.5879
56.69	66.4	0.8209	108.7	494.856	1.6027	169.61	691.2	2.5114	107.09	127.8538	1.5879

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
56.71	71.7	0.8182	109.11	498.8836	1.6081	169.63	686	2.5101	107.12	135.6247	1.5892
56.726	76.9	0.8209	109.87	502.8338	1.6189	169.66	680.8	2.5128	107.2	127.8538	1.5946
56.751	82.2	0.825	109.99	503.6858	1.6203	169.69	675.7	2.5128	107.75	135.4781	1.6
57.995	83.5	0.8452	110.92	507.636	1.6338	169.71	670.5	2.5141	107.99	137.0909	1.6054
58.377	78.3	0.8547	111.71	511.5861	1.6446	169.73	665.4	2.5141	108.16	129.4666	1.6081
58.409	73	0.8547	111.99	513.9872	1.6513	169.75	660.2	2.5141	108.36	137.0909	1.6095
58.459	67.8	0.8574	112.81	517.9374	1.6608	169.76	655	2.5141	108.61	129.4666	1.6149
58.497	62.6	0.8574	113.08	521.965	1.6662	169.79	649.9	2.5155	108.69	121.8423	1.6176
58.538	57.3	0.8574	113.97	525.9152	1.6783	169.81	644.7	2.5141	108.8	129.4666	1.6149
58.611	52.1	0.856	113.99	525.1407	1.681	169.82	639.6	2.5155	108.84	137.0909	1.6149
58.667	57.3	0.8533	114.43	529.0908	1.6864	169.85	634.4	2.5141	109.99	139.5835	1.6365
58.69	62.6	0.852	115.06	533.1185	1.6959	169.98	639.6	2.5141	110.58	131.9592	1.6446
58.73	67.8	0.852	115.99	536.2166	1.7067	169.99	640.3	2.5141	110.75	139.5835	1.6446
58.759	73	0.8506	116.31	540.2443	1.7134	170.01	645.4	2.5128	111.97	147.2078	1.6621
58.78	78.3	0.852	116.97	544.1944	1.7229	170.03	650.6	2.5128	111.99	146.6213	1.6621
58.799	83.5	0.852	117.64	548.2221	1.731	170.04	655.7	2.5128	112.17	138.997	1.6662
59.367	88.8	0.8655	117.99	549.4613	1.7391	170.05	660.9	2.5128	112.33	146.6213	1.6675
59.752	83.5	0.8722	118.05	545.4337	1.7391	170.06	666.1	2.5114	112.44	138.997	1.6702
59.995	84.6	0.8749	118.2	549.5388	1.7377	170.07	671.2	2.5114	112.81	146.6213	1.6756
60.434	79.3	0.883	118.4	553.489	1.7431	170.08	676.4	2.5101	113.31	138.997	1.6824
60.449	74.1	0.8857	119.02	557.5166	1.7512	170.09	681.5	2.5114	113.49	146.6213	1.6837
60.495	68.8	0.883	119.78	561.4668	1.762	170.09	686.7	2.5114	113.99	151.753	1.6918
60.538	63.6	0.8871	119.99	560.305	1.7674	170.1	691.9	2.5087	114.12	143.9821	1.6959
60.578	58.3	0.8844	120.27	564.3326	1.7701	170.11	697	2.5101	114.39	151.753	1.6972
60.707	63.6	0.8844	120.99	568.3602	1.7796	170.12	702.2	2.5101	115.14	143.9821	1.708
60.745	68.8	0.883	121.76	572.3104	1.7917	170.12	707.3	2.5087	115.23	151.6064	1.7094
60.779	74.1	0.8803	121.99	573.8595	1.7944	170.13	712.5	2.5101	115.99	157.178	1.7202
60.808	79.3	0.8817	122.54	577.8096	1.8025	170.14	717.6	2.5114	116.16	149.5537	1.7242
60.829	84.6	0.8817	123.02	581.8373	1.8079	170.14	722.8	2.5128	116.79	157.178	1.731
60.861	89.8	0.8844	123.97	585.7874	1.8228	170.15	728	2.5114	116.98	149.5537	1.7377
61.049	84.6	0.8911	123.99	585.4776	1.8228	170.16	733.1	2.5141	117.29	157.178	1.7391
61.112	79.3	0.8925	124.3	589.5053	1.8282	170.19	738.2	2.5168	117.6	149.5537	1.7458
61.172	74.1	0.8925	124.96	593.4554	1.8377	170.27	733	2.5209	117.66	157.178	1.7445
61.301	79.3	0.8925	125.69	597.4056	1.8485	170.35	727.9	2.5222	117.99	154.099	1.7512
61.333	84.6	0.8898	125.99	597.4056	1.8525	170.56	722.7	2.5236	118.03	146.4747	1.7539
61.404	89.8	0.8938	126.53	601.3558	1.8593	170.75	717.5	2.5276	118.17	154.099	1.7526
61.995	91.5	0.9033	126.97	605.3059	1.8674	170.81	712.4	2.5276	118.27	161.7233	1.7526
62.33	86.3	0.9101	127.69	609.3336	1.8782	170.93	717.5	2.5263	118.57	154.099	1.7607
62.373	81	0.9114	127.99	610.5728	1.8836	170.98	722.7	2.529	118.59	146.4747	1.7607
62.431	75.8	0.9128	128.61	614.6005	1.8903	171.73	727.7	2.5411	118.61	138.8504	1.762
62.465	70.6	0.9155	129.19	618.5506	1.8984	171.81	722.6	2.5398	118.64	131.2261	1.7647
62.507	65.3	0.9141	129.69	622.5008	1.9065	171.98	727.7	2.5425	118.67	123.6018	1.7661
62.567	60.1	0.9155	129.99	622.7332	1.9119	171.99	728.4	2.5425	118.69	115.9774	1.7634
62.642	65.3	0.9114	130.39	626.7608	1.9187	172.11	723.2	2.5479	118.73	108.3531	1.7634
62.664	70.6	0.9087	130.97	630.711	1.9254	172.15	718.1	2.5465	118.76	100.7288	1.7647
62.695	75.8	0.9087	131.27	626.6834	1.9281	172.24	723.2	2.5465	118.8	93.10453	1.7647
62.718	81	0.9087	131.39	630.6335	1.9308	172.36	728.4	2.5479	118.91	100.7288	1.7607
62.737	86.3	0.9074	131.99	627.3804	1.9389	172.47	723.2	2.5506	118.94	108.3531	1.762
62.756	91.5	0.9074	132.97	631.3306	1.9551	172.55	728.4	2.5506	118.96	115.9774	1.762
63.995	93.6	0.9344	133.59	635.2808	1.9632	172.78	723.2	2.556	118.99	123.6018	1.7634
64.337	88.4	0.9398	133.99	637.3721	1.9686	172.8	718	2.5587	119.01	131.2261	1.762
64.36	83.1	0.9425	134.44	641.3997	1.9754	172.83	712.8	2.5587	119.04	138.8504	1.7607
64.39	77.9	0.9398	135.04	645.3499	1.9848	172.85	707.7	2.5587	119.06	146.4747	1.7593
64.436	72.6	0.9438	135.72	649.3	1.9943	172.88	702.5	2.5573	119.07	154.099	1.7593
64.47	67.4	0.9438	135.99	650.3069	1.9997	172.91	697.4	2.5587	119.09	161.7233	1.762

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
64.502	62.2	0.9452	136.5	654.2571	2.0064	172.94	692.2	2.5587	119.69	154.099	1.7769
64.531	56.9	0.9465	137.42	658.2073	2.0172	173.01	687.1	2.5587	119.83	161.7233	1.7742
64.575	51.7	0.9425	137.99	660.5309	2.028	173.11	692.2	2.5587	119.99	162.7496	1.7782
64.63	56.9	0.9384	138.7	664.4811	2.0361	173.12	697.4	2.5587	120.34	170.374	1.7836
64.649	62.1	0.9384	139.12	668.5087	2.0429	173.14	702.5	2.5587	120.58	162.7496	1.7877
64.669	67.4	0.9371	139.88	672.3814	2.055	173.15	707.7	2.5573	120.65	170.374	1.789
64.692	72.6	0.9344	139.99	672.1491	2.055	173.16	712.8	2.5573	120.67	162.7496	1.7904
64.71	77.9	0.9357	140.68	676.0992	2.0658	173.18	718	2.5573	121.19	170.374	1.7985
64.723	83.1	0.9344	141.77	679.972	2.0807	173.19	723.2	2.5573	121.72	162.7496	1.8052
64.741	88.4	0.9371	141.99	679.972	2.0847	173.2	728.3	2.5587	121.87	170.2273	1.8066
64.761	93.6	0.9398	142.74	683.9221	2.0969	173.21	733.5	2.5573	121.99	166.7084	1.8079
65.185	98.8	0.9492	143.99	686.4781	2.1144	173.22	738.6	2.5614	122.25	174.3327	1.8106
65.344	93.6	0.9546	144.31	690.4283	2.1185	173.57	733.4	2.5668	122.5	166.7084	1.8174
65.995	96.7	0.96	145.03	694.3785	2.1279	173.68	738.5	2.5681	122.55	159.0841	1.8187
66.335	91.5	0.9681	145.89	698.2512	2.1415	173.75	733.4	2.5695	122.6	151.4598	1.8201
66.367	86.2	0.9708	145.99	697.1668	2.1442	173.99	732.3	2.5722	122.63	143.8355	1.8187
66.396	81	0.9695	146.59	701.1945	2.1509	174.04	737.5	2.5722	122.67	136.2112	1.8201
66.429	75.8	0.9722	147.38	705.0672	2.1617	174.34	732.3	2.5803	122.84	143.8355	1.8187
66.468	70.5	0.9722	147.99	706.0741	2.1725	174.37	727.1	2.5803	122.87	151.4598	1.8187
66.497	65.3	0.9735	148.43	710.0243	2.1779	174.5	732.3	2.5776	122.9	159.0841	1.8201
66.529	60	0.9749	149.45	713.9744	2.1941	174.52	737.4	2.5803	122.92	166.7084	1.8187
66.553	54.8	0.9735	149.99	712.8126	2.1995	174.57	732.3	2.5803	122.96	174.3327	1.8201
66.639	60	0.9668	150.47	716.7628	2.2063	174.64	727.1	2.5816	123.99	169.7875	1.8377
66.656	65.3	0.9668	150.64	712.7352	2.2103	174.92	732.2	2.587	124.08	177.4118	1.8377
66.678	70.5	0.9654	150.69	716.7628	2.2117	175.01	737.4	2.5884	124.33	184.8895	1.8404
66.697	75.8	0.9654	150.8	712.7352	2.213	175.41	732.1	2.5965	124.46	177.4118	1.8458
66.715	81	0.9654	150.89	716.7628	2.213	175.47	727	2.5938	124.55	169.7875	1.8485
66.728	86.2	0.9641	151.26	720.713	2.2211	175.58	732.2	2.5951	124.57	162.1632	1.8471
66.742	91.5	0.9641	151.3	716.6853	2.2225	175.97	737.3	2.6019	124.6	154.5389	1.8498
66.761	96.7	0.9668	151.39	712.6577	2.2225	175.99	736.2	2.6046	124.63	146.9145	1.8498
67.29	91.5	0.983	151.53	716.6853	2.2238	176.02	731	2.6046	124.67	139.2902	1.8498
67.386	96.7	0.9803	151.57	720.713	2.2211	176.05	725.9	2.6046	124.73	131.6659	1.8498
67.826	101.9	0.9884	151.7	716.6853	2.2252	176.07	720.7	2.6073	124.81	124.0416	1.8498
67.994	101.6	0.9938	151.97	720.6355	2.2306	176.09	715.6	2.6059	124.95	131.6659	1.8512
68.253	96.3	0.9965	151.99	720.4031	2.2279	176.11	710.4	2.6032	124.98	139.2902	1.8485
68.447	91.1	1.0005	152.49	724.3533	2.236	176.19	705.3	2.6059	125	146.9145	1.8485
68.476	85.9	0.9992	152.62	720.2482	2.24	176.3	710.4	2.6059	125.02	154.5389	1.8485
68.509	80.6	1.0005	152.82	724.2759	2.2427	176.34	715.6	2.6059	125.04	162.1632	1.8485
68.592	75.4	1.0019	153.32	728.226	2.2508	176.36	720.7	2.6059	125.06	169.7875	1.8485
68.634	80.6	0.9978	153.99	729.7751	2.2576	176.38	725.9	2.6032	125.08	177.2652	1.8471
68.647	85.9	0.9965	154.65	733.7253	2.267	176.39	731	2.6046	125.15	184.8895	1.8539
68.666	91.1	0.9965	154.9	729.6202	2.2751	176.41	736.2	2.6059	125.72	177.2652	1.8633
68.687	96.3	0.9951	154.92	725.5926	2.2751	176.74	731	2.6154	125.99	180.7841	1.866
68.717	101.6	0.9992	154.93	721.6424	2.2765	176.76	725.8	2.6167	126.3	188.4084	1.8701
69.37	96.3	1.0113	154.95	717.6148	2.2778	176.78	720.7	2.6167	126.54	180.7841	1.8755
69.477	101.6	1.0127	154.96	713.5872	2.2778	176.8	715.5	2.6167	126.59	173.1598	1.8755
69.994	100.5	1.0208	154.98	709.637	2.2751	176.82	710.3	2.6167	126.72	180.7841	1.8768
70.1	105.7	1.0208	154.99	705.6094	2.2778	176.85	705.2	2.6167	126.75	188.4084	1.8768
70.374	100.5	1.0275	155	701.5817	2.2778	176.87	700	2.6181	126.78	180.7841	1.8782
70.444	95.3	1.0289	155.02	697.5541	2.2792	176.89	694.9	2.6181	127.12	188.4084	1.8822
70.482	90	1.0302	155.03	693.6039	2.2792	176.91	689.7	2.6167	127.99	190.4611	1.8971
70.547	84.8	1.0289	155.05	689.5763	2.2765	176.93	684.6	2.6181	128.35	198.0854	1.8984
70.631	90	1.0262	155.06	685.5487	2.2792	176.96	679.4	2.6181	128.54	190.4611	1.9052
70.643	95.3	1.0248	155.07	681.521	2.2792	176.98	674.3	2.6181	128.6	182.8368	1.9079
70.662	100.5	1.0262	155.09	677.5709	2.2792	177.02	669.1	2.6194	128.64	175.2125	1.9052

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
70.683	105.7	1.0248
70.69	100.5	1.0262
70.717	105.7	1.0302
71.333	100.5	1.0383
71.935	105.7	1.0464
71.994	102.2	1.0478
72.141	107.4	1.0505
72.28	102.2	1.0532
72.339	97	1.0572
72.367	91.7	1.0572
72.39	86.5	1.0572
72.421	81.3	1.0586
72.451	76	1.0599
72.483	70.8	1.0626
72.51	65.6	1.0613
72.55	60.3	1.0599
72.631	65.6	1.0545
72.644	70.8	1.0545
72.661	76	1.0532
72.682	81.3	1.0518
72.701	86.5	1.0532
72.719	91.7	1.0532
72.733	97	1.0518
72.739	102.2	1.0559
72.746	107.4	1.0599
73.281	102.2	1.068
73.594	107.4	1.0721
73.994	110.2	1.0775
74.459	105	1.0842
74.596	110.2	1.0802
75.994	114.4	1.1085
76.335	109.1	1.1139
76.373	103.9	1.1153
76.406	98.7	1.118
76.433	93.4	1.1166
76.456	88.2	1.118
76.478	83	1.118
76.516	77.7	1.1193
76.538	72.5	1.118
76.646	77.7	1.1126
76.665	83	1.1126
76.684	88.2	1.1126
76.705	93.4	1.1126
76.725	98.7	1.1112
76.745	103.9	1.1112
76.759	109.1	1.1099
76.777	114.4	1.1139
77.548	119.6	1.1288
77.74	114.3	1.1315
77.994	114.7	1.1355
78.372	109.4	1.1423
78.421	104.2	1.1423
78.452	99	1.1436
78.493	93.7	1.145
78.535	88.5	1.1463

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
155.11	673.5432	2.2792
155.13	669.5931	2.2765
155.18	665.5654	2.2792
155.26	669.5931	2.2751
155.29	673.5432	2.2765
155.3	677.5709	2.2724
155.31	681.5985	2.2738
155.33	685.6261	2.2738
155.34	689.6538	2.2697
155.35	693.6039	2.2738
155.36	697.6316	2.2724
155.37	701.5817	2.2738
155.38	705.6094	2.2724
155.39	709.637	2.2711
155.39	713.6646	2.2711
155.4	717.6148	2.2738
155.41	721.6424	2.2724
155.42	725.67	2.2697
155.42	729.6202	2.2738
155.43	733.6478	2.2765
155.44	737.598	2.2765
155.46	741.6256	2.2792
155.49	745.6533	2.2792
155.5	741.6256	2.2832
155.5	737.2882	2.2846
155.51	733.338	2.2832
155.53	729.3104	2.2819
155.57	725.2828	2.2859
155.59	721.2551	2.2859
155.61	717.305	2.2832
155.65	713.2773	2.2873
155.67	709.2497	2.2859
155.69	705.2995	2.2859
155.73	701.2719	2.2873
155.75	697.2443	2.2859
155.94	701.2719	2.2859
155.96	705.2995	2.2832
155.98	709.2497	2.2859
155.99	712.193	2.2832
156	716.2206	2.2832
156.01	720.2482	2.2819
156.02	724.2759	2.2819
156.03	728.226	2.2819
156.04	732.2537	2.2819
156.05	736.2813	2.2819
156.05	740.2315	2.2832
156.06	744.2591	2.2819
156.07	748.2093	2.2886
156.15	752.2369	2.29
156.31	748.1318	2.2967
156.34	744.1816	2.2954
156.37	740.154	2.294
156.56	744.1816	2.294
156.78	748.1318	2.3021
156.83	744.1042	2.3021

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
177.13	674.3	2.6167
177.15	679.4	2.614
177.16	684.6	2.6167
177.18	689.7	2.6181
177.19	694.9	2.6154
177.2	700	2.6154
177.21	705.2	2.6127
177.22	710.4	2.6154
177.23	715.5	2.6154
177.24	720.7	2.6127
177.25	725.8	2.614
177.25	731	2.614
177.26	736.1	2.6154
177.27	741.3	2.6167
177.28	746.4	2.6181
177.44	741.2	2.6235
177.64	736	2.6262
177.99	737.4	2.6302
178.37	732.2	2.637
178.44	737.3	2.6383
178.75	732.1	2.6451
178.77	727	2.6451
178.78	721.8	2.6464
178.79	716.7	2.6451
178.82	711.5	2.6464
178.84	706.4	2.6464
178.85	701.2	2.6464
178.86	696	2.6478
178.87	690.9	2.6478
178.89	685.7	2.6478
178.9	680.6	2.6491
178.91	675.4	2.6491
178.92	670.3	2.6491
178.93	665.1	2.6491
178.94	660	2.6505
178.95	654.8	2.6491
178.96	649.7	2.6491
178.97	644.5	2.6478
178.99	639.4	2.6478
179.01	634.2	2.6491
179.04	629.1	2.6464
179.07	634.3	2.6424
179.08	639.4	2.6424
179.09	644.6	2.6437
179.11	649.7	2.6424
179.12	654.9	2.6451
179.13	660	2.6424
179.14	665.2	2.641
179.15	670.3	2.641
179.15	675.5	2.641
179.16	680.6	2.6424
179.16	685.8	2.6437
179.17	690.9	2.6424
179.18	696.1	2.641
179.19	701.2	2.641

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
128.71	182.8368	1.9052
128.76	190.4611	1.9052
129.31	197.9388	1.9146
129.99	196.9124	1.9241
130.37	204.5367	1.9295
130.5	196.9124	1.9335
130.73	204.5367	1.9335
130.75	196.9124	1.9362
131.34	204.5367	1.943
131.99	204.5367	1.9524
132.45	212.161	1.9592
132.54	204.5367	1.9632
132.58	196.9124	1.9632
132.62	189.2881	1.9632
132.67	181.6638	1.9659
132.69	174.0395	1.9659
132.73	166.4152	1.9659
132.79	158.7909	1.9659
132.84	151.3132	1.9673
132.95	143.6889	1.9673
133.03	151.3132	1.9673
133.06	158.7909	1.9673
133.08	166.4152	1.9659
133.09	174.0395	1.9646
133.09	181.6638	1.9646
133.1	189.2881	1.9632
133.11	196.9124	1.9646
133.13	204.5367	1.9646
133.15	212.161	1.9659
133.99	212.6009	1.9821
134.29	220.2252	1.9862
134.67	212.6009	1.9929
135.25	220.0786	1.9997
135.99	218.6124	2.0118
136.28	226.2367	2.0159
137.76	233.7144	2.0361
137.94	226.09	2.0415
137.99	225.0637	2.0402
138.26	232.688	2.0442
138.58	225.0637	2.051
138.61	217.4394	2.0523
138.64	209.8151	2.0537
138.69	202.3374	2.0523
138.74	194.7131	2.0537
138.79	187.0888	2.0537
138.95	194.7131	2.0523
138.99	202.3374	2.0523
139.01	209.8151	2.0537
139.03	217.4394	2.051
139.05	225.0637	2.051
139.07	232.688	2.051
139.11	240.3123	2.055
139.31	232.688	2.0604
139.63	240.3123	2.0631
139.99	238.2596	2.0685

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
78.596	83.3	1.1477	156.9	740.0766	2.3035	179.19	706.4	2.6397	140.42	245.7373	2.0766
78.665	88.5	1.1423	156.92	736.1264	2.3035	179.2	711.6	2.6383	140.52	238.2596	2.078
78.685	93.7	1.1436	156.94	732.0988	2.3035	179.2	716.7	2.6397	140.89	245.7373	2.0834
78.714	99	1.1436	156.97	728.0711	2.3048	179.21	721.8	2.6437	141.26	238.113	2.0888
78.743	104.2	1.1436	156.99	724.0435	2.3062	179.21	727	2.6437	141.45	245.7373	2.0901
78.764	109.4	1.1436	157.01	720.0933	2.3062	179.22	732.1	2.6437	141.9	238.113	2.0982
78.784	114.7	1.1409	157.04	716.0657	2.3062	179.23	737.3	2.641	141.97	245.7373	2.0955
78.805	119.9	1.1436	157.07	712.0381	2.3062	179.24	742.4	2.6437	141.99	248.8163	2.0982
79.077	114.7	1.1517	157.1	708.0879	2.3062	179.25	747.6	2.6464	142.56	241.192	2.1063
79.392	119.9	1.1544	157.15	704.0603	2.3075	179.27	752.7	2.6518	142.66	233.5677	2.109
79.993	122	1.1652	157.23	708.0879	2.3035	179.31	747.5	2.6505	142.73	241.192	2.109
80.316	116.7	1.1706	157.24	712.0381	2.3048	179.58	742.3	2.6559	142.83	248.6697	2.1104
80.359	111.5	1.1733	157.26	716.0657	2.3035	179.99	743.7	2.6613	143.79	256.294	2.1225
80.4	106.3	1.1733	157.28	720.0933	2.3008	180.65	738.5	2.6694	143.99	257.7602	2.128
80.429	101	1.1747	157.29	724.121	2.3008	180.78	733.3	2.6734	144.54	250.1359	2.1388
80.454	95.8	1.1747	157.3	728.0711	2.3021	180.81	728.1	2.6734	144.56	242.6583	2.1401
80.491	90.6	1.1747	157.31	732.0988	2.3008	180.83	723	2.6734	144.6	235.0339	2.1388
80.521	85.4	1.1774	157.32	736.1264	2.2994	180.85	717.8	2.6734	144.62	227.4096	2.1401
80.553	80.1	1.1774	157.33	740.154	2.3008	180.91	712.7	2.6748	144.66	219.7853	2.1388
80.594	74.9	1.1747	157.34	744.1042	2.3008	180.97	707.5	2.6734	144.69	212.161	2.1401
80.64	80.1	1.1733	157.35	748.0544	2.3062	181.02	712.7	2.6707	144.72	204.6833	2.1415
80.671	85.4	1.1706	157.36	752.082	2.3035	181.04	717.8	2.6721	144.76	197.059	2.1428
80.691	90.6	1.172	157.45	748.0544	2.3089	181.05	723	2.6707	144.78	189.4347	2.1401
80.713	95.8	1.172	157.56	752.082	2.3102	181.06	728.1	2.6707	144.82	181.8104	2.1415
80.743	101	1.172	157.73	748.0544	2.3143	181.07	733.3	2.6707	144.93	189.4347	2.1401
80.763	106.3	1.1706	157.96	752.0045	2.317	181.08	738.4	2.6721	144.98	197.059	2.1401
80.783	111.5	1.1693	157.99	749.6034	2.3183	181.09	743.6	2.6721	145.01	204.6833	2.1388
80.801	116.7	1.1706	158.04	745.5758	2.3183	181.1	748.7	2.6734	145.03	212.161	2.1388
80.82	122	1.172	158.16	749.6034	2.3183	181.13	753.8	2.6761	145.05	219.7853	2.1388
80.845	127.2	1.176	158.73	745.4984	2.3291	181.41	748.7	2.6815	145.07	227.4096	2.1374
81.015	121.9	1.1814	158.81	749.526	2.3264	181.87	743.5	2.6883	145.09	235.0339	2.1374
81.779	127.2	1.1895	158.92	745.4984	2.3332	181.97	748.6	2.6883	145.11	242.6583	2.1388
81.993	127.9	1.1949	158.94	741.4707	2.3345	181.99	750.7	2.6883	145.12	250.1359	2.1361
82.202	122.6	1.1976	158.96	737.4431	2.3345	182.74	745.4	2.7045	145.13	257.7602	2.1374
82.347	117.4	1.2003	158.97	733.4929	2.3332	182.75	740.2	2.7045	145.15	265.3846	2.1401
82.417	112.2	1.2017	158.99	729.4653	2.3332	182.76	735.1	2.7031	145.37	257.7602	2.1482
82.439	106.9	1.203	159.01	725.4377	2.3359	182.77	730	2.7045	145.81	265.3846	2.1536
82.47	101.7	1.203	159.03	721.4101	2.3372	182.78	724.8	2.7058	145.99	264.3582	2.1577
82.55	96.5	1.2017	159.05	717.4599	2.3372	182.79	719.7	2.7045	147.29	271.8359	2.1752
82.626	101.7	1.2003	159.07	713.4323	2.3359	182.8	714.5	2.7045	147.99	272.2758	2.1847
82.64	106.9	1.199	159.08	709.4046	2.3372	182.81	709.3	2.7072	148.37	279.9001	2.1914
82.658	112.2	1.2003	159.1	705.4545	2.3372	182.82	704.2	2.7058	148.54	272.2758	2.1941
82.677	117.4	1.2003	159.11	701.4268	2.3372	182.83	699.1	2.7072	149.24	279.9001	2.2036
82.698	122.6	1.2003	159.13	697.3992	2.3372	182.84	693.9	2.7072	149.31	272.2758	2.2063
82.719	127.8	1.2017	159.16	693.449	2.3372	182.85	688.8	2.7072	149.51	279.9001	2.2049
83.993	131	1.222	159.18	689.4214	2.3345	182.85	683.6	2.7072	149.99	275.7947	2.2144
84.374	125.7	1.2287	159.26	693.449	2.3332	182.86	678.1	2.7072	150.19	283.419	2.2157
84.415	120.5	1.2328	159.28	697.4766	2.3332	182.87	673	2.7085	150.57	275.7947	2.2238
84.444	115.3	1.2328	159.3	701.5043	2.3291	182.88	667.8	2.7085	150.64	268.1704	2.2225
84.466	110	1.2328	159.31	705.4545	2.3318	182.89	662.7	2.7072	150.68	275.7947	2.2238
84.506	104.8	1.2341	159.32	709.4821	2.3318	182.9	657.5	2.7085	150.75	283.2724	2.2238
84.538	99.6	1.2341	159.34	713.4323	2.3345	182.91	652.4	2.7072	151.99	286.3514	2.2427
84.57	94.4	1.2355	159.35	717.4599	2.3305	182.92	647.2	2.7058	152.35	293.8291	2.2481
84.677	99.6	1.2314	159.36	721.4875	2.3305	182.93	642.1	2.7045	152.68	286.3514	2.2522
84.699	104.8	1.2301	159.36	725.4377	2.3318	182.95	637	2.7045	153.13	293.8291	2.2576

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
84.72	110	1.2301	159.37	729.4653	2.3291	183.03	642.1	2.6977	153.94	286.2048	2.2711
84.746	115.3	1.2314	159.38	733.4929	2.3291	183.04	647.3	2.6991	153.99	287.8176	2.2724
84.772	120.5	1.2287	159.39	737.5206	2.3291	183.05	652.4	2.6977	154.09	295.2953	2.2738
84.79	125.7	1.2274	159.39	741.4707	2.3291	183.06	657.6	2.6977	154.33	302.9196	2.2765
84.808	130.9	1.2301	159.4	745.4984	2.3278	183.06	662.7	2.6991	154.49	295.2953	2.2805
85.477	136.1	1.2436	159.41	749.4485	2.3332	183.07	667.9	2.6977	154.56	287.671	2.2819
85.633	130.9	1.2463	159.41	753.4762	2.3332	183.08	673	2.6977	154.62	280.1933	2.2819
85.993	132.3	1.253	159.42	757.5038	2.3332	183.08	678.2	2.6964	154.68	272.569	2.2832
86.426	127.1	1.2584	159.43	761.454	2.3386	183.09	683.3	2.6991	154.77	280.1933	2.2819
86.463	121.8	1.2598	159.91	757.4263	2.3453	183.09	688.5	2.6964	154.8	287.671	2.2792
86.504	116.6	1.2598	159.99	757.8911	2.348	183.1	693.6	2.6964	154.82	295.2953	2.2819
86.618	121.9	1.2571	160.05	753.9409	2.3453	183.1	698.8	2.6977	154.87	302.9196	2.2846
86.631	127.1	1.2584	160.2	757.8911	2.348	183.11	703.9	2.6964	155.99	303.7993	2.3008
86.643	132.3	1.2557	160.9	753.786	2.3629	183.12	709.1	2.6964	156.33	311.4236	2.3048
86.672	137.5	1.2598	160.92	749.7584	2.3629	183.12	714.2	2.695	156.7	303.7993	2.3116
87.993	137.1	1.28	160.94	745.8082	2.3642	183.13	719.4	2.6977	157.23	311.277	2.3183
88.347	131.9	1.2881	160.95	741.7806	2.3642	183.13	724.5	2.6964	157.76	303.7993	2.3278
88.388	126.7	1.2881	160.97	737.7529	2.3629	183.14	730	2.6977	157.83	311.277	2.3264
88.41	121.5	1.2881	160.98	733.8028	2.3656	183.14	735.2	2.6964	157.99	312.3034	2.3291
88.431	116.2	1.2908	161	729.7751	2.3656	183.15	740.3	2.6977	158.35	319.9277	2.3345
88.46	111	1.2908	161.01	725.7475	2.3656	183.15	745.4	2.7004	158.51	312.3034	2.3386
88.489	105.8	1.2908	161.03	721.7973	2.3642	183.16	750.6	2.7004	158.72	319.9277	2.3399
88.514	100.6	1.2935	161.05	717.7697	2.3656	183.17	755.7	2.7018	159.07	312.3034	2.348
88.542	95.3	1.2935	161.06	713.7421	2.3656	183.18	760.8	2.7045	159.3	319.7811	2.3507
88.586	90.1	1.2949	161.07	709.7144	2.3669	183.2	766	2.7045	159.99	319.3412	2.3602
88.652	95.3	1.2868	161.09	705.7643	2.3669	183.26	760.8	2.7085	160.31	326.8189	2.3629
88.674	100.6	1.2881	161.1	701.7366	2.3656	183.49	755.6	2.7099	160.84	319.1946	2.3737
88.692	105.8	1.2868	161.12	697.709	2.3669	183.99	754.9	2.7166	160.96	311.7169	2.3737
88.711	111	1.2868	161.16	693.7588	2.3642	184.74	749.6	2.7315	161.01	319.1946	2.371
88.731	116.2	1.2868	161.23	697.7865	2.3615	184.75	744.5	2.7329	161.07	326.8189	2.3737
88.749	121.5	1.2868	161.24	701.8141	2.3602	184.77	739.3	2.7329	161.72	334.2966	2.3845
88.764	126.7	1.2841	161.26	705.7643	2.3588	184.79	734.2	2.7329	161.75	326.8189	2.3858
88.777	131.9	1.2841	161.27	709.7919	2.3615	184.8	729	2.7342	161.99	326.8189	2.3858
88.792	137.1	1.2854	161.28	713.8195	2.3602	184.81	723.9	2.7329	162.31	334.2966	2.3899
88.811	142.4	1.2868	161.29	717.7697	2.3588	184.82	718.8	2.7342	163.57	341.7743	2.4101
89.086	137.1	1.2976	161.3	721.7973	2.3602	184.84	713.6	2.7356	163.67	334.2966	2.4128
89.357	142.3	1.2989	161.31	725.825	2.3602	184.85	708.4	2.7356	163.76	341.7743	2.4128
89.993	145.5	1.3084	161.32	729.7751	2.3588	184.86	703.3	2.7342	163.86	334.2966	2.4142
90.418	140.2	1.3178	161.33	733.8028	2.3588	184.87	698.2	2.7356	163.99	334.2966	2.4169
90.478	135	1.3165	161.34	737.8304	2.3548	184.88	693	2.7342	164.28	341.7743	2.4196
90.57	140.2	1.3165	161.35	741.858	2.3575	184.89	687.9	2.7369	164.67	334.1499	2.4291
90.592	145.4	1.3138	161.35	745.8082	2.3588	184.9	682.7	2.7369	164.84	341.7743	2.4263
90.603	140.2	1.3151	161.36	749.8358	2.3575	184.91	677.6	2.7369	164.92	334.1499	2.4331
90.616	145.4	1.3178	161.37	753.8634	2.3575	184.92	672.4	2.7369	164.94	326.6723	2.4318
91.992	149.6	1.3394	161.37	757.8136	2.3602	184.93	667.3	2.7369	164.97	319.048	2.4331
92.283	144.4	1.3448	161.38	761.8412	2.3602	184.95	662.1	2.7369	164.99	311.4236	2.4358
92.341	139.1	1.3462	161.39	765.7914	2.3629	184.95	657	2.7369	165.03	303.946	2.4358
92.386	133.9	1.3475	161.4	769.7416	2.3656	184.97	651.8	2.7342	165.06	296.3216	2.4358
92.423	128.7	1.3475	161.54	765.714	2.3696	184.98	646.7	2.7315	165.09	288.6973	2.4372
92.445	123.5	1.3489	161.99	765.4041	2.3764	185.05	651.9	2.7315	165.12	281.2197	2.4358
92.466	118.3	1.3475	162.89	761.2991	2.3912	185.07	657	2.7315	165.14	273.5953	2.4358
92.5	113	1.3502	162.9	757.2714	2.3912	185.08	662.2	2.7315	165.32	281.2197	2.4358
92.529	107.8	1.3516	162.92	753.2438	2.3939	185.09	667.3	2.7288	165.35	288.844	2.4331
92.577	102.6	1.3516	162.93	749.2936	2.3939	185.1	672.5	2.7302	165.36	296.3216	2.4331
92.675	107.8	1.3475	162.94	745.266	2.3912	185.11	677.6	2.7302	165.38	303.946	2.4304

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
92.706	113	1.3475	162.96	741.3158	2.3939	185.12	682.8	2.7274	165.4	311.4236	2.4331
92.727	118.3	1.3475	162.97	737.2882	2.3939	185.13	687.9	2.7315	165.42	319.048	2.4345
92.748	123.5	1.3448	162.98	733.2606	2.3926	185.13	693.1	2.7274	165.43	326.6723	2.4345
92.775	128.7	1.3462	163	729.2329	2.3953	185.14	698.2	2.7288	165.44	334.1499	2.4331
92.796	133.9	1.3462	163.01	725.2828	2.3939	185.15	703.4	2.7261	165.46	341.7743	2.4345
92.81	139.1	1.3448	163.02	721.2551	2.3966	185.15	708.5	2.7288	165.47	349.3986	2.4345
92.828	144.4	1.3448	163.03	717.305	2.3953	185.16	713.7	2.7247	165.49	356.8762	2.4372
92.846	149.6	1.3462	163.05	713.2773	2.3926	185.17	718.8	2.7274	165.57	349.2519	2.4412
92.872	154.8	1.3502	163.06	709.2497	2.3966	185.17	723.9	2.7274	165.89	341.7743	2.4453
93.065	149.6	1.3543	163.07	705.2995	2.3953	185.18	729.1	2.7274	165.99	342.654	2.4466
93.713	154.8	1.3637	163.09	701.2719	2.3939	185.18	734.2	2.7274	166.17	350.2783	2.448
93.992	155.5	1.3691	163.11	697.2443	2.3939	185.19	739.4	2.7261	166.22	342.654	2.452
94.361	150.2	1.3745	163.13	693.2941	2.3872	185.2	744.9	2.7274	166.25	335.1763	2.452
94.424	145	1.3759	163.19	697.3217	2.3885	185.2	750	2.7288	166.29	327.552	2.4534
94.465	139.8	1.3759	163.21	701.3494	2.3885	185.21	755.2	2.7288	166.45	335.1763	2.4493
94.547	134.6	1.3759	163.22	705.2995	2.3872	185.22	760.6	2.7329	166.48	342.654	2.4507
94.581	139.8	1.3745	163.23	709.3272	2.3858	185.23	765.8	2.7329	166.51	350.2783	2.452
94.609	145	1.3732	163.24	713.3548	2.3872	185.24	770.9	2.7356	166.65	357.756	2.4574
94.621	150.2	1.3732	163.25	717.305	2.3872	185.35	765.7	2.7383	166.67	350.2783	2.4574
94.632	155.4	1.3718	163.25	721.3326	2.3872	185.61	760.5	2.7423	166.74	342.654	2.4601
94.647	150.2	1.3745	163.26	725.3602	2.3872	185.7	765.7	2.7437	166.92	350.2783	2.4574
94.664	155.4	1.3759	163.27	729.3104	2.3845	185.77	760.5	2.7437	167.37	357.756	2.4628
95.992	158.5	1.3975	163.28	733.338	2.3858	185.98	759.8	2.7477	167.95	350.1317	2.4763
96.369	153.3	1.4042	163.28	737.3657	2.3845	186.74	754.6	2.7612	167.99	353.2107	2.4736
96.418	148.1	1.4042	163.29	741.3158	2.3845	186.76	749.4	2.7612	168.02	360.835	2.4763
96.44	142.9	1.4056	163.3	745.3435	2.3858	186.77	744.3	2.7626	168.06	353.2107	2.475
96.471	137.7	1.4069	163.3	749.3711	2.3831	186.78	739.1	2.7626	168.34	360.835	2.479
96.501	132.4	1.4069	163.31	753.3213	2.3858	186.8	734	2.7626	168.61	353.2107	2.4858
96.573	127.2	1.4069	163.31	757.5812	2.3845	186.81	728.8	2.7639	168.69	360.6884	2.4831
96.619	132.4	1.4042	163.32	761.6089	2.3885	186.82	723.7	2.7639	169.63	368.3127	2.4966
96.639	137.7	1.4029	163.32	765.559	2.3885	186.83	718.5	2.7639	169.71	360.6884	2.502
96.651	142.9	1.4015	163.33	769.5867	2.3912	186.84	713.4	2.7639	169.79	353.0641	2.502
96.665	148.1	1.4015	163.35	773.5368	2.3912	186.85	708.2	2.7639	169.93	360.6884	2.4993
96.68	153.3	1.4029	163.38	777.5645	2.3939	186.87	703.1	2.7653	169.96	368.3127	2.502
96.698	158.5	1.4029	163.44	773.5368	2.398	186.88	697.9	2.7653	169.99	368.1661	2.5047
97.09	163.7	1.4137	163.51	769.5092	2.3953	186.89	692.8	2.7653	170.09	360.6884	2.506
97.363	158.5	1.4164	163.61	773.5368	2.398	186.89	687.7	2.7653	170.32	368.1661	2.5074
97.83	163.7	1.4218	163.99	772.6848	2.4047	186.9	682.5	2.7666	170.61	360.6884	2.5141
97.992	164.1	1.4245	164.89	768.5023	2.4223	186.91	677.4	2.7653	170.75	368.1661	2.5141
98.355	158.8	1.4326	164.91	764.5521	2.4223	186.92	672.2	2.7666	170.78	375.7904	2.5168
98.415	153.6	1.4339	164.92	760.5245	2.4236	186.93	667.1	2.7666	170.86	368.1661	2.5155
98.438	148.4	1.4339	164.93	756.4969	2.4236	186.94	661.9	2.7653	171.29	360.5418	2.5209
98.47	143.2	1.4353	164.94	752.5467	2.4236	186.95	656.8	2.7653	171.42	368.1661	2.5236
98.499	138	1.4353	164.95	748.5191	2.425	186.96	651.7	2.7639	171.44	375.7904	2.5222
98.542	132.8	1.4353	164.96	744.4915	2.425	187.06	656.8	2.7599	171.5	368.1661	2.529
98.62	138	1.4312	164.97	740.5413	2.4236	187.07	662	2.7585	171.76	375.6438	2.5303
98.643	143.2	1.4312	164.98	736.5137	2.425	187.09	667.1	2.7572	171.99	378.1363	2.533
98.657	148.4	1.4312	164.99	732.486	2.425	187.09	672.3	2.7572	172.13	370.6586	2.533
98.668	153.6	1.4312	165	728.5359	2.425	187.1	677.4	2.7599	172.34	378.1363	2.5371
98.688	158.8	1.4312	165	724.5082	2.4223	187.11	682.6	2.7572	172.73	370.6586	2.5465
98.702	164	1.4299	165.01	720.5581	2.425	187.12	687.7	2.7585	172.77	363.0343	2.5465
99.273	169.2	1.4447	165.02	716.5304	2.425	187.13	692.8	2.7585	172.8	355.41	2.5479
99.412	164	1.4474	165.03	712.5028	2.425	187.13	698	2.7572	172.84	347.9323	2.5479
99.927	169.2	1.4528	165.04	708.5526	2.425	187.14	703.1	2.7572	172.93	355.41	2.5425
99.992	168.2	1.4542	165.05	704.525	2.4223	187.15	708.3	2.7572	172.95	363.0343	2.5452

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
100.43	163	1.4623	165.07	700.5748	2.4223	187.15	713.4	2.7572	172.98	370.6586	2.5465
100.46	157.7	1.4636	165.1	696.5472	2.4209	187.16	718.6	2.7558	173.01	378.1363	2.5465
100.52	152.5	1.4636	165.18	700.5748	2.4155	187.17	723.7	2.7558	173.03	385.7606	2.5479
100.6	157.7	1.4609	165.19	704.6025	2.4182	187.17	728.9	2.7558	173.24	378.1363	2.5506
100.61	163	1.4596	165.21	708.5526	2.4169	187.18	734	2.7558	173.56	385.614	2.5546
100.62	168.2	1.4596	165.22	712.5803	2.4155	187.18	739.2	2.7558	173.6	378.1363	2.56
101.11	173.4	1.4704	165.23	716.6079	2.4169	187.19	744.3	2.7572	173.69	370.512	2.56
101.99	173.7	1.4839	165.23	720.5581	2.4169	187.2	749.5	2.7558	173.76	363.0343	2.5614
102.36	168.5	1.4906	165.24	724.5857	2.4128	187.2	754.6	2.7585	173.83	370.512	2.5587
102.43	163.3	1.492	165.25	728.6133	2.4128	187.21	759.7	2.7599	173.88	378.1363	2.5573
102.48	158	1.4933	165.26	732.5635	2.4142	187.22	764.8	2.7612	173.91	385.614	2.56
102.59	163.3	1.4879	165.26	736.5911	2.4128	187.23	770	2.7626	173.99	384.1478	2.5641
102.6	168.5	1.4866	165.27	740.6187	2.4128	187.54	764.8	2.7693	174.26	376.5235	2.5668
102.61	173.7	1.4879	165.27	744.5689	2.4142	187.98	762.3	2.7774	174.42	384.1478	2.5681
103.13	178.9	1.5001	165.28	748.5965	2.4101	188.73	757.1	2.7909	174.56	391.6255	2.5668
103.38	173.6	1.5041	165.28	752.6242	2.4142	188.74	751.9	2.7909	174.61	384.1478	2.5749
103.73	178.9	1.5082	165.29	756.5743	2.4115	188.75	746.8	2.7923	174.64	376.5235	2.5762
103.99	180.2	1.5122	165.29	760.602	2.4142	188.77	741.6	2.7909	174.68	369.0458	2.5749
104.53	175	1.5217	165.3	764.5521	2.4155	188.78	736.5	2.7923	174.71	361.4215	2.5722
104.6	180.2	1.5177	165.3	768.5798	2.4182	188.79	731.3	2.7923	174.78	353.7972	2.5735
105.21	185.4	1.5312	165.31	772.5299	2.4169	188.8	726.2	2.7923	174.83	346.3195	2.5735
105.4	180.2	1.5352	165.32	776.5576	2.4182	188.81	721.1	2.7923	174.92	353.9438	2.5722
105.91	185.4	1.5393	165.33	780.5077	2.4196	188.81	715.9	2.7923	174.96	361.4215	2.5735
105.99	184.7	1.542	165.54	776.4801	2.4277	188.82	710.8	2.7936	175	368.8992	2.5762
106.34	179.5	1.5487	165.62	772.4525	2.4277	188.83	705.6	2.795	175.02	376.5235	2.5749
106.4	174.3	1.5501	165.69	776.4801	2.4277	188.84	700.5	2.795	175.04	384.1478	2.5722
106.42	169.1	1.5514	165.74	780.4303	2.429	188.85	695.3	2.7936	175.06	391.6255	2.5735
106.45	163.8	1.5501	165.99	778.0292	2.4331	188.86	690.2	2.7936	175.11	399.2498	2.5749
106.49	158.6	1.5514	166.89	773.9241	2.4507	188.86	685	2.795	175.16	391.6255	2.5816
106.52	153.4	1.5528	166.91	769.8965	2.4493	188.87	679.9	2.7963	175.19	384.0012	2.5816
106.64	158.6	1.5474	166.92	765.8689	2.4507	188.88	674.7	2.7963	175.32	391.6255	2.5803
106.66	163.8	1.5487	166.93	761.9187	2.4507	188.89	669.6	2.795	175.78	384.0012	2.5897
106.68	169.1	1.5487	166.95	757.8911	2.4534	188.9	664.5	2.795	175.9	391.6255	2.5884
106.69	174.3	1.5474	166.96	753.8634	2.452	188.91	659.3	2.7936	175.99	392.6518	2.5897
106.71	179.5	1.5474	166.97	749.9133	2.452	188.92	654.2	2.7923	176.54	400.1295	2.5965
106.72	184.7	1.546	166.98	745.8856	2.4534	188.93	649.1	2.7936	176.58	392.5052	2.6032
106.76	189.9	1.5528	166.99	741.9355	2.4534	188.95	643.9	2.7909	176.6	385.0275	2.6032
107.99	188.5	1.569	167	737.9078	2.4534	189.03	649.1	2.7882	176.63	377.4032	2.6019
108.43	183.2	1.5784	167.01	733.8802	2.4534	189.04	654.3	2.7842	176.74	369.9255	2.6032
108.54	188.5	1.5757	167.02	729.93	2.4547	189.05	659.4	2.7855	176.81	377.4032	2.6005
108.6	193.7	1.5771	167.03	725.9024	2.4547	189.06	664.5	2.7869	176.85	385.0275	2.5992
109.87	198.8	1.596	167.04	721.9522	2.452	189.07	669.7	2.7855	176.88	392.5052	2.6005
109.99	198.8	1.5987	167.05	717.9246	2.4534	189.07	674.8	2.7855	176.89	400.1295	2.6019
110.15	193.6	1.6014	167.07	713.897	2.4534	189.08	680	2.7855	176.93	407.6072	2.6073
110.35	188.4	1.6054	167.08	709.9468	2.4534	189.09	685.1	2.7855	177.05	400.1295	2.6086
110.45	183.2	1.6068	167.1	705.9192	2.452	189.09	690.3	2.7842	177.42	392.5052	2.61
110.56	188.4	1.6081	167.12	701.969	2.4493	189.1	695.4	2.7855	177.5	400.1295	2.6113
110.59	193.6	1.6054	167.18	705.9966	2.4439	189.1	700.6	2.7828	177.99	401.5957	2.6194
110.61	198.8	1.6068	167.19	709.9468	2.4466	189.11	705.7	2.7828	178.26	393.9714	2.6262
111.4	204	1.6203	167.2	713.9744	2.4453	189.11	710.8	2.7828	178.4	401.5957	2.6235
111.43	198.8	1.6203	167.21	717.9246	2.4466	189.12	716	2.7828	178.47	409.0734	2.6262
111.99	201.9	1.6297	167.22	721.9522	2.4426	189.12	721.1	2.7815	178.7	401.4491	2.6289
112.35	196.7	1.6351	167.23	725.9799	2.4426	189.13	726.3	2.7842	178.78	409.0734	2.6289
112.41	191.5	1.6365	167.24	730.0075	2.4426	189.13	731.4	2.7828	178.93	401.4491	2.6343
112.44	186.3	1.6365	167.24	733.9577	2.4453	189.14	736.6	2.7828	179.07	409.0734	2.6343

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
112.47	181	1.6378
112.5	175.8	1.6378
112.6	181	1.6338
112.62	186.2	1.6351
112.64	191.5	1.6338
112.65	196.7	1.6338
112.66	201.9	1.6338
112.7	207.1	1.6378
113.99	207	1.6581
114.36	201.8	1.6635
114.41	196.6	1.6648
114.44	191.4	1.6662
114.47	186.2	1.6662
114.51	181	1.6675
114.62	186.2	1.6635
114.64	191.4	1.6635
114.65	196.6	1.6635
114.66	201.8	1.6635
114.68	207	1.6621
114.71	212.2	1.6662
115.6	207	1.6824
115.71	212.2	1.681
115.99	213.2	1.6864
116.41	208	1.6945
116.57	213.2	1.6905
116.69	218.4	1.6959
117.99	218.3	1.7148
118.34	213.1	1.7215
118.36	207.9	1.7229
118.39	202.7	1.7269
118.41	197.5	1.7229
118.43	192.3	1.7256
118.45	187.1	1.7242
118.47	181.9	1.7256
118.49	176.7	1.7256
118.51	171.5	1.7269
118.53	166.3	1.7269
118.55	161.1	1.7242
118.64	166.3	1.7215
118.66	171.5	1.7215
118.68	176.7	1.7215
118.69	181.9	1.7202
118.7	187.1	1.7202
118.72	192.3	1.7215
118.74	197.5	1.7188
118.75	202.7	1.7202
118.76	207.9	1.7202
118.77	213.1	1.7215
118.78	218.3	1.7215
118.8	223.5	1.7242
119.99	223.5	1.7445
120.41	218.3	1.7512
120.54	223.5	1.7485
120.6	228.6	1.7526
121.54	233.8	1.7674

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.25	737.9853	2.4412
167.26	741.9355	2.4426
167.26	745.9631	2.4412
167.27	749.9907	2.4426
167.27	753.9409	2.4426
167.28	757.9685	2.4412
167.28	761.9187	2.4439
167.29	765.9463	2.4426
167.29	769.8965	2.4466
167.3	773.9241	2.4439
167.31	777.9517	2.448
167.31	781.9019	2.4493
167.33	785.9295	2.448
167.87	781.8245	2.4588
167.99	782.2892	2.4628
168.89	778.1841	2.479
168.9	774.1565	2.4804
168.91	770.2063	2.4804
168.92	766.1787	2.4817
168.93	762.2285	2.4804
168.94	758.2009	2.4831
168.95	754.1733	2.4817
168.96	750.2231	2.4831
168.97	746.1955	2.4831
168.98	742.1678	2.4831
168.99	738.2177	2.4817
169	734.19	2.4817
169.01	730.2399	2.4831
169.01	726.2122	2.4831
169.02	722.1846	2.4844
169.03	718.2344	2.4831
169.04	714.2068	2.4831
169.06	710.2566	2.4804
169.08	706.229	2.4804
169.16	710.2566	2.4763
169.18	714.2842	2.4723
169.19	718.3119	2.4736
169.2	722.3395	2.4709
169.21	726.2897	2.4709
169.22	730.3173	2.4723
169.23	734.2675	2.4723
169.23	738.2951	2.4709
169.24	742.2453	2.4723
169.25	746.2729	2.4709
169.25	750.3005	2.4723
169.26	754.2507	2.4723
169.26	758.2783	2.4709
169.27	762.2285	2.4723
169.27	766.2561	2.4696
169.28	770.2838	2.4736
169.29	774.2339	2.4736
169.29	778.1841	2.4763
169.3	782.2117	2.475
169.31	786.2394	2.4763
169.32	790.1895	2.479

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
189.14	741.7	2.7842
189.15	746.8	2.7855
189.15	752	2.7869
189.16	757.1	2.7869
189.17	762.2	2.7882
189.17	767.4	2.7909
189.19	772.5	2.7923
189.34	767.3	2.7977
189.98	766.2	2.8031
190.74	761	2.8193
190.75	755.8	2.8193
190.76	750.7	2.8206
190.78	745.5	2.8206
190.79	740.4	2.822
190.8	735.2	2.8206
190.81	730.1	2.822
190.82	725	2.8206
190.83	719.8	2.822
190.84	714.7	2.8233
190.85	709.5	2.8247
190.86	704.4	2.822
190.86	699.2	2.822
190.87	694.1	2.8233
190.88	688.9	2.8247
190.89	683.8	2.8247
190.9	678.7	2.8247
190.91	673.5	2.8233
190.92	668.4	2.8233
190.93	663.2	2.8233
190.94	658.1	2.822
190.95	653	2.8206
190.97	647.9	2.8166
191.02	653	2.8179
191.04	658.1	2.8179
191.05	663.3	2.8125
191.05	668.4	2.8152
191.06	673.6	2.8179
191.07	678.7	2.8125
191.08	683.9	2.8166
191.08	689	2.8152
191.09	694.2	2.8125
191.1	699.3	2.8139
191.1	704.4	2.8125
191.11	709.6	2.8125
191.11	714.7	2.8125
191.12	719.9	2.8125
191.12	725	2.8125
191.13	730.2	2.8125
191.13	735.3	2.8139
191.14	740.4	2.8125
191.15	745.6	2.8139
191.15	750.7	2.8139
191.16	755.8	2.8152
191.16	761	2.8152
191.17	766.1	2.8179

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
179.86	401.4491	2.6464
179.91	408.9268	2.6437
179.99	412.0059	2.6491
180.22	404.3815	2.6545
180.26	396.9039	2.6559
180.29	389.2796	2.6545
180.4	396.9039	2.6532
180.44	404.3815	2.6545
180.48	412.0059	2.6532
180.53	419.4835	2.6572
180.62	412.0059	2.6586
180.88	419.4835	2.6613
180.99	411.8592	2.6667
181.19	419.4835	2.6694
181.99	420.3633	2.6761
182.26	412.8856	2.6842
182.28	405.2613	2.6869
182.31	397.7836	2.6829
182.5	405.2613	2.6815
182.52	412.8856	2.6802
182.54	420.3633	2.6842
182.57	427.9876	2.6856
182.71	435.4653	2.6883
182.88	427.841	2.6937
183.99	429.3072	2.7058
184.24	421.8295	2.7139
184.26	414.2052	2.7139
184.28	406.7275	2.7139
184.33	399.1032	2.7139
184.38	391.6255	2.7153
184.46	384.0012	2.7153
184.53	391.6255	2.7085
184.54	399.1032	2.7126
184.56	406.7275	2.7139
184.57	414.2052	2.7085
184.59	421.8295	2.7085
184.6	429.3072	2.7085
184.61	436.9315	2.7139
184.64	444.4092	2.7153
184.86	436.7849	2.722
185.05	444.4092	2.7234
185.06	436.7849	2.7261
185.26	429.3072	2.7274
185.41	436.7849	2.7274
185.55	444.4092	2.7288
185.64	436.7849	2.7288
185.7	444.2625	2.7315
185.81	436.7849	2.7315
185.98	441.77	2.7383
186.22	434.2923	2.741
186.24	426.668	2.7423
186.26	419.1903	2.741
186.28	411.566	2.7437
186.3	404.0883	2.7437
186.33	396.464	2.7437

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
121.56	228.6	1.7674	169.34	794.1397	2.4817	191.18	771.2	2.8206	186.36	388.9863	2.7423
121.99	226.2	1.7728	169.44	790.1121	2.4844	191.19	776.4	2.8193	186.39	381.362	2.7437
122.03	231.4	1.7728	169.74	786.0845	2.4871	191.5	771.2	2.8274	186.41	373.8843	2.745
122.35	226.2	1.7796	169.99	784.4579	2.4925	191.98	770.4	2.8341	186.45	366.26	2.745
122.4	221	1.7809	170.28	780.4303	2.4966	192.74	765.2	2.8476	186.53	373.8843	2.741
122.43	215.8	1.7823	170.4	776.4801	2.4966	192.75	760	2.849	186.55	381.362	2.7437
122.47	210.6	1.7823	170.44	780.5077	2.4939	192.77	754.9	2.849	186.57	388.9863	2.7396
122.5	205.4	1.7836	170.47	784.4579	2.4966	192.78	749.8	2.8476	186.58	396.464	2.7383
122.57	200.2	1.7809	170.73	780.4303	2.4993	192.79	744.6	2.8503	186.6	404.0883	2.7383
122.6	205.4	1.7796	170.9	776.3252	2.5087	192.81	739.5	2.8517	186.61	411.566	2.7423
122.62	210.6	1.7809	170.91	772.375	2.5087	192.82	734.3	2.8517	186.63	419.1903	2.7396
122.64	215.8	1.7796	170.92	768.3474	2.5087	192.83	729.2	2.8503	186.64	426.668	2.7396
122.65	221	1.7782	170.93	764.3972	2.5074	192.84	724.1	2.8517	186.65	434.2923	2.741
122.66	226.2	1.7796	170.94	760.3696	2.5087	192.85	718.9	2.853	186.66	441.77	2.7396
122.68	231.4	1.7796	170.96	756.342	2.5101	192.86	713.8	2.8517	186.68	449.3943	2.741
122.71	236.5	1.7836	170.97	752.3918	2.5101	192.86	708.6	2.8517	186.73	456.872	2.745
123.99	236.8	1.8025	170.98	748.3642	2.5114	192.87	703.5	2.8517	186.84	449.2477	2.7491
124.32	231.6	1.8106	170.99	744.3365	2.5128	192.88	698.4	2.8517	187.19	441.77	2.7558
124.36	226.4	1.8093	171	740.3864	2.5114	192.89	693.2	2.853	187.33	449.2477	2.7531
124.39	221.2	1.8106	171.01	736.3587	2.5128	192.9	688.1	2.853	187.59	456.7254	2.7585
124.41	216	1.8106	171.02	732.4086	2.5128	192.91	682.9	2.853	187.66	449.2477	2.7612
124.43	210.9	1.812	171.03	728.3809	2.5114	192.92	677.8	2.8544	187.98	446.7551	2.7653
124.45	205.7	1.8133	171.04	724.4308	2.5114	192.93	672.6	2.8544	188.07	454.2328	2.7666
124.48	200.5	1.8133	171.05	720.4031	2.5128	192.94	667.5	2.853	188.21	446.6085	2.7707
124.5	195.3	1.8133	171.06	716.453	2.5114	192.94	662.4	2.8503	188.23	439.1308	2.7707
124.52	190.1	1.8147	171.07	712.4253	2.5114	192.96	657.2	2.8503	188.26	431.6531	2.772
124.54	184.9	1.812	171.09	708.4752	2.5087	193.03	662.4	2.8463	188.28	424.0288	2.7734
124.57	179.7	1.8133	171.12	704.4475	2.5047	193.04	667.5	2.8463	188.32	416.5511	2.7707
124.68	184.9	1.8106	171.17	708.4752	2.506	193.05	672.7	2.8449	188.38	408.9268	2.772
124.7	190.1	1.8106	171.19	712.5028	2.502	193.06	677.8	2.8449	188.53	416.5511	2.7707
124.72	195.3	1.8093	171.2	716.453	2.502	193.07	683	2.8422	188.54	424.0288	2.768
124.73	200.5	1.8106	171.21	720.4806	2.5006	193.07	688.1	2.8449	188.56	431.6531	2.7693
124.75	205.7	1.8093	171.22	724.5082	2.5006	193.08	693.3	2.8436	188.57	439.1308	2.7707
124.76	210.9	1.8079	171.23	728.4584	2.502	193.09	698.4	2.8422	188.58	446.7551	2.768
124.77	216	1.8079	171.23	732.486	2.5006	193.09	703.5	2.8422	188.59	454.2328	2.7693
124.79	221.2	1.8079	171.24	736.4362	2.5006	193.1	708.7	2.8409	188.61	461.7105	2.7707
124.8	226.4	1.8079	171.25	740.4638	2.5006	193.11	713.8	2.8436	188.76	454.2328	2.7761
124.81	231.6	1.8079	171.25	744.4915	2.4993	193.11	719	2.8436	188.83	461.7105	2.7747
124.82	236.8	1.8066	171.26	748.4416	2.5006	193.12	724.1	2.8395	189.22	454.0862	2.7855
124.84	242	1.8106	171.26	752.4693	2.4993	193.13	729.3	2.8409	189.39	461.7105	2.7855
125.99	243	1.8296	171.27	756.4969	2.4993	193.13	734.4	2.8422	189.98	462.5902	2.7936
126.61	248.2	1.8404	171.27	760.4471	2.4993	193.14	739.5	2.8409	190.21	455.1125	2.8017
127.99	248.8	1.8606	171.28	764.4747	2.4993	193.14	744.7	2.8436	190.22	447.4882	2.8031
128.59	254	1.8674	171.28	768.4249	2.5006	193.15	749.8	2.8422	190.23	440.0105	2.8031
129.02	248.8	1.8755	171.29	772.4525	2.5006	193.15	755	2.8422	190.25	432.5328	2.8004
129.2	254	1.8782	171.29	776.4027	2.502	193.16	760.1	2.8436	190.27	424.9085	2.8017
129.99	253.6	1.8903	171.3	780.4303	2.5033	193.17	765.2	2.8436	190.29	417.4308	2.8017
130.39	248.4	1.8971	171.31	784.3805	2.5074	193.17	770.3	2.8463	190.31	409.8065	2.8017
130.46	243.2	1.8971	171.32	788.3306	2.5074	193.18	775.5	2.8463	190.34	402.3288	2.8031
130.52	238	1.8984	171.33	792.3583	2.5074	193.19	780.6	2.8503	190.36	394.7045	2.8031
130.59	243.2	1.8957	171.45	788.3306	2.5128	193.35	775.4	2.853	190.38	387.2269	2.8031
130.61	248.4	1.893	171.99	787.711	2.5195	193.98	772.6	2.8625	190.41	379.7492	2.8017
130.62	253.6	1.893	172.89	783.6059	2.5371	194.49	777.7	2.8692	190.45	372.1249	2.7977
130.64	258.8	1.8944	172.9	779.5783	2.5371	194.73	772.5	2.8773	190.48	379.7492	2.8004
130.67	263.9	1.9011	172.92	775.6281	2.5384	194.74	767.3	2.8787	190.51	387.2269	2.7977

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
130.9	258.7	1.9025	172.93	771.6005	2.5384	194.76	762.2	2.8773	190.52	394.7045	2.799
131.71	263.9	1.9133	172.94	767.5729	2.5384	194.77	757.1	2.876	190.54	402.3288	2.7977
131.99	264.6	1.9187	172.95	763.6227	2.5384	194.78	751.9	2.88	190.56	409.8065	2.7963
132.16	259.4	1.9214	172.96	759.5951	2.5384	194.79	746.8	2.8787	190.57	417.4308	2.7963
132.37	254.2	1.9254	172.98	755.6449	2.5411	194.8	741.7	2.8787	190.58	424.9085	2.7977
132.45	249	1.9268	172.99	751.6173	2.5398	194.81	736.5	2.88	190.59	432.5328	2.795
132.49	243.8	1.9268	173	747.6671	2.5398	194.82	731.4	2.8814	190.6	440.0105	2.7977
132.57	249	1.9241	173.01	743.6395	2.5411	194.83	726.2	2.8814	190.62	447.4882	2.7963
132.59	254.2	1.9241	173.02	739.6118	2.5411	194.83	721.1	2.8814	190.62	455.1125	2.795
132.61	259.4	1.9227	173.02	735.6617	2.5371	194.84	716	2.8814	190.63	462.5902	2.7963
132.63	264.6	1.9254	173.04	731.634	2.5398	194.85	710.8	2.88	190.64	470.2145	2.799
133.08	269.7	1.9335	173.04	727.6839	2.5384	194.86	705.7	2.8814	191.21	462.5902	2.8125
133.3	264.5	1.9389	173.06	723.6562	2.5398	194.86	700.5	2.8827	191.54	470.0679	2.8152
133.65	269.7	1.9416	173.07	719.7061	2.5398	194.87	695.4	2.8827	191.59	462.5902	2.8152
133.99	270.4	1.947	173.08	715.6784	2.5398	194.88	690.3	2.8814	191.66	470.0679	2.8193
134.31	265.2	1.9538	173.1	711.7283	2.5384	194.89	685.1	2.8827	191.98	468.0152	2.8233
134.36	260	1.9538	173.19	715.7559	2.5317	194.9	680	2.8814	192.19	460.5375	2.8314
134.42	254.8	1.9551	173.19	719.7061	2.533	194.91	674.8	2.8841	192.21	452.9132	2.8314
134.47	249.6	1.9551	173.2	723.7337	2.533	194.91	669.7	2.8814	192.22	445.4355	2.8314
134.59	254.8	1.9524	173.21	727.6839	2.5317	194.92	664.6	2.88	192.24	437.8112	2.8314
134.61	260	1.9538	173.22	731.7115	2.529	194.94	659.4	2.88	192.25	430.3335	2.8314
134.62	265.2	1.9524	173.23	735.7391	2.5303	194.96	654.3	2.876	192.26	422.7092	2.8328
134.64	270.4	1.9538	173.24	739.6893	2.533	194.99	659.4	2.8773	192.27	415.2315	2.8328
134.67	275.5	1.9565	173.24	743.7169	2.529	195.02	664.6	2.8733	192.28	407.7538	2.8341
135.99	275.8	1.9767	173.25	747.6671	2.529	195.03	669.7	2.8733	192.29	400.1295	2.8341
136.43	270.6	1.9835	173.25	751.6947	2.5303	195.04	674.9	2.8733	192.31	392.6518	2.8314
136.47	265.4	1.9848	173.26	755.7223	2.529	195.05	680	2.8719	192.33	385.0275	2.8314
136.52	260.3	1.9862	173.27	759.6725	2.5303	195.05	685.2	2.8719	192.35	377.5498	2.8287
136.59	265.4	1.9821	173.27	763.7001	2.5276	195.06	690.3	2.8719	192.48	385.1742	2.8247
136.61	270.6	1.9808	173.28	767.6503	2.5317	195.07	695.5	2.8719	192.49	392.6518	2.8274
136.63	275.8	1.9808	173.28	771.6779	2.529	195.07	700.6	2.8719	192.51	400.1295	2.8274
137.01	281	1.9902	173.29	775.6281	2.5303	195.08	705.7	2.8719	192.52	407.7538	2.8247
137.99	282	2.0064	173.29	779.6557	2.5303	195.09	710.9	2.8706	192.53	415.2315	2.826
138.33	276.8	2.0118	173.3	783.6059	2.5303	195.09	716.4	2.8692	192.54	422.8558	2.8233
138.4	271.6	2.0132	173.31	787.5561	2.5357	195.1	721.5	2.8719	192.55	430.3335	2.8233
138.44	266.4	2.0145	173.31	791.5837	2.5344	195.1	726.6	2.8706	192.56	437.9578	2.8233
138.5	261.2	2.0145	173.33	795.6113	2.5371	195.11	731.8	2.8706	192.57	445.4355	2.826
138.54	256	2.0145	173.55	791.5063	2.5438	195.11	736.9	2.8679	192.58	452.9132	2.8206
138.6	261.2	2.0118	173.78	787.4786	2.5465	195.12	742.1	2.8692	192.59	460.5375	2.8247
138.62	266.4	2.0118	173.99	784.5354	2.5479	195.12	747.2	2.8692	192.59	468.0152	2.8233
138.64	271.6	2.0105	174.07	788.563	2.5479	195.13	752.3	2.8719	192.6	475.6395	2.8247
138.65	276.8	2.0091	174.88	784.4579	2.5641	195.13	757.8	2.8706	192.62	483.1172	2.8287
138.67	282	2.0118	174.89	780.4303	2.5668	195.14	762.9	2.8719	192.99	475.4929	2.8395
138.69	287.1	2.0132	174.91	776.4027	2.5668	195.14	768.1	2.8719	193.12	468.0152	2.8422
139.99	290.9	2.0348	174.92	772.4525	2.5654	195.15	773.2	2.876	193.17	460.3909	2.8382
140.36	285.7	2.0415	174.94	768.4249	2.5681	195.16	778.3	2.876	193.3	468.0152	2.8395
140.37	280.5	2.0429	174.96	764.4747	2.5681	195.16	783.4	2.88	193.38	475.4929	2.8409
140.37	275.3	2.0429	174.97	760.4471	2.5681	195.16	788.6	2.8827	193.67	482.9706	2.849
140.4	270.1	2.0429	174.98	756.4969	2.5681	195.18	783.4	2.8814	193.98	483.4104	2.8544
140.43	264.9	2.0442	174.99	752.4693	2.5695	195.24	778.3	2.8814	194.14	475.9327	2.8544
140.46	259.8	2.0442	175	748.4416	2.5681	195.29	783.4	2.8814	194.2	468.3084	2.8584
140.49	254.6	2.0442	175.01	744.4915	2.5695	195.46	778.3	2.8854	194.22	460.8307	2.8598
140.52	249.4	2.0456	175.03	740.4638	2.5708	195.98	777.2	2.8908	194.23	453.3531	2.8584
140.56	244.2	2.0456	175.04	736.5137	2.5695	196.35	782.3	2.8976	194.24	445.7288	2.8598
140.65	249.4	2.0429	175.05	732.486	2.5695	196.72	777.1	2.9043	194.26	438.2511	2.8611

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
140.69	254.6	2.0429	175.06	728.5359	2.5681	196.75	771.9	2.907	194.28	430.6268	2.8584
140.71	259.8	2.0415	175.07	724.5082	2.5695	196.77	766.8	2.9057	194.29	423.1491	2.8611
140.73	264.9	2.0402	175.08	720.4806	2.5695	196.79	761.7	2.9057	194.3	415.6714	2.8625
140.74	270.1	2.0402	175.09	716.5304	2.5681	196.81	756.5	2.907	194.32	408.0471	2.8611
140.75	275.3	2.0415	175.11	712.5028	2.5681	196.83	751.4	2.907	194.34	400.5694	2.8598
140.77	280.5	2.0402	175.19	716.6079	2.5614	196.84	746.2	2.9084	194.36	392.9451	2.8598
140.78	285.7	2.0402	175.2	720.5581	2.56	196.86	741.1	2.907	194.42	385.4674	2.8584
140.8	290.9	2.0415	175.21	724.5857	2.56	196.87	736	2.9084	194.5	393.0917	2.8544
140.82	296	2.0442	175.22	728.6133	2.5587	196.89	730.8	2.9097	194.51	400.5694	2.853
141.99	295.3	2.0631	175.23	732.5635	2.56	196.9	725.7	2.9097	194.52	408.0471	2.8544
142.32	290.1	2.0699	175.23	736.5911	2.5587	196.91	720.5	2.9084	194.53	415.6714	2.8544
142.37	284.9	2.0712	175.24	740.5413	2.56	196.92	715.4	2.9084	194.54	423.1491	2.8544
142.4	279.7	2.0726	175.25	744.5689	2.56	196.93	710.3	2.9097	194.55	430.7734	2.8544
142.41	274.5	2.0739	175.26	748.5191	2.5587	196.95	705.1	2.9097	194.56	438.2511	2.8517
142.44	269.4	2.0712	175.26	752.5467	2.56	196.96	700	2.9084	194.57	445.7288	2.853
142.46	264.2	2.0739	175.27	756.5743	2.5573	196.97	694.9	2.907	194.57	453.3531	2.8517
142.48	259	2.0726	175.27	760.5245	2.5587	197	689.7	2.9111	194.58	460.8307	2.853
142.5	253.8	2.0753	175.28	764.7845	2.5573	197.01	684.6	2.9084	194.59	468.4551	2.853
142.52	248.6	2.0739	175.29	768.7347	2.5587	197.12	689.7	2.907	194.6	475.9327	2.8571
142.56	243.4	2.0726	175.29	772.9947	2.5587	197.14	694.9	2.907	194.61	483.4104	2.8598
142.71	248.6	2.0712	175.3	777.0223	2.56	197.16	700	2.9043	194.65	490.8881	2.8625
142.74	253.8	2.0712	175.3	781.0499	2.5587	197.17	705.1	2.9057	195.1	483.4104	2.8679
142.76	259	2.0712	175.31	785.0001	2.56	197.19	710.3	2.9043	195.62	490.8881	2.8733
142.78	264.2	2.0699	175.31	788.9503	2.5627	197.19	715.4	2.9043	195.87	483.4104	2.8787
142.79	269.4	2.0712	175.32	792.9779	2.5641	197.2	720.6	2.9043	195.98	481.7976	2.8787
142.81	274.5	2.0699	175.33	796.9281	2.5668	197.21	725.7	2.9043	196.02	489.4219	2.8787
142.82	279.7	2.0699	175.53	792.9004	2.5722	197.22	730.8	2.9057	196.18	481.7976	2.8881
142.83	284.9	2.0685	175.58	796.9281	2.5708	197.23	736	2.9043	196.19	474.3199	2.8881
142.84	290.1	2.0685	175.99	795.5339	2.5789	197.24	741.1	2.903	196.21	466.6956	2.8895
142.85	295.3	2.0699	176.89	791.3514	2.5938	197.24	746.3	2.903	196.22	459.2179	2.8895
142.87	300.4	2.0712	176.9	787.4012	2.5951	197.25	751.4	2.9043	196.24	451.5936	2.8895
142.89	305.6	2.0739	176.92	783.3736	2.5951	197.26	756.5	2.9043	196.25	444.1159	2.8908
143.15	300.4	2.0807	176.93	779.4234	2.5965	197.26	761.7	2.9016	196.27	436.6382	2.8895
143.99	302.4	2.0928	176.95	775.3958	2.5951	197.27	766.8	2.9043	196.28	429.0139	2.8895
144.37	297.2	2.0996	176.96	771.3681	2.5965	197.28	771.9	2.9043	196.3	421.5362	2.8895
144.42	292.1	2.1009	176.97	767.418	2.5965	197.29	777.1	2.9043	196.31	413.9119	2.8908
144.46	286.9	2.1009	176.98	763.3903	2.5978	197.3	782.2	2.9043	196.32	406.4342	2.8908
144.59	292.1	2.0982	176.99	759.4401	2.5978	197.3	787.3	2.907	196.34	398.9566	2.8895
144.6	297.3	2.0969	176.99	755.4125	2.5978	197.31	792.4	2.9097	196.38	391.3323	2.8895
144.62	302.4	2.0969	177.01	751.4623	2.5992	197.37	797.6	2.9124	196.49	398.9566	2.8841
144.65	307.6	2.1009	177.01	747.4347	2.5992	197.45	792.4	2.9138	196.49	406.4342	2.8868
145.99	309.3	2.1212	177.02	743.4845	2.5992	197.62	787.3	2.9138	196.51	414.0586	2.8854
146.75	314.4	2.132	177.03	739.4569	2.5992	197.96	782.1	2.9219	196.52	421.5362	2.8814
147.5	309.2	2.1442	177.05	735.4293	2.5992	197.98	785.2	2.9205	196.53	429.0139	2.88
147.68	314.4	2.1415	177.06	731.4791	2.5965	198.49	780	2.93	196.54	436.6382	2.8814
147.73	319.5	2.1455	177.07	727.5289	2.5978	198.77	774.8	2.934	196.54	444.1159	2.8827
147.99	318.1	2.1509	177.08	723.5013	2.5965	198.8	769.6	2.9354	196.55	451.7402	2.8814
148.77	323.3	2.1604	177.1	719.4737	2.5992	198.83	764.5	2.9367	196.56	459.2179	2.8814
149.1	318.1	2.1658	177.18	723.5788	2.5897	198.85	759.4	2.934	196.57	466.6956	2.88
149.39	323.3	2.1698	177.19	727.5289	2.5897	198.88	754.3	2.934	196.58	474.3199	2.8854
149.99	323.6	2.1793	177.2	731.5566	2.5897	198.9	749.1	2.9367	196.59	481.7976	2.8841
150.52	318.4	2.1874	177.21	735.5067	2.5884	198.92	744	2.9381	196.6	489.2753	2.8854
150.56	313.2	2.1901	177.22	739.5344	2.5911	198.94	738.8	2.9381	196.61	496.8996	2.8895
150.59	308	2.1901	177.23	743.4845	2.5884	198.96	733.7	2.9367	196.64	504.3773	2.8881
150.62	302.8	2.1901	177.23	747.5122	2.587	198.98	728.5	2.9381	196.72	496.753	2.8935

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
150.64	297.7	2.1901	177.24	751.5398	2.587	199.05	733.7	2.934	197.22	489.2753	2.9016
150.68	292.5	2.1914	177.25	755.49	2.5884	199.07	738.8	2.9354	197.5	496.753	2.9016
150.72	287.3	2.1928	177.25	759.5176	2.5857	199.09	744	2.9327	197.89	504.2307	2.9097
150.81	292.5	2.1887	177.26	763.4678	2.587	199.1	749.1	2.9327	197.98	500.2719	2.9084
150.84	297.7	2.1887	177.27	767.4954	2.5857	199.11	754.3	2.9327	198.16	492.6476	2.9124
150.86	302.8	2.1874	177.27	771.4456	2.5884	199.12	759.4	2.9327	198.2	485.1699	2.9178
150.88	308	2.1874	177.28	775.4732	2.5857	199.13	764.5	2.9327	198.22	477.6922	2.9178
150.89	313.2	2.186	177.28	779.4234	2.5897	199.14	769.7	2.9313	198.23	470.0679	2.9192
150.91	318.4	2.1874	177.29	783.451	2.5884	199.15	774.8	2.9327	198.25	462.5902	2.9165
150.92	323.5	2.1874	177.29	787.4012	2.5897	199.16	779.9	2.9327	198.26	454.9659	2.9192
150.94	328.7	2.1901	177.3	791.4288	2.5897	199.17	785.1	2.934	198.28	447.4882	2.9151
151.99	329.3	2.209	177.31	795.379	2.5924	199.18	790.2	2.934	198.31	440.0105	2.9178
152.75	334.5	2.2171	177.32	799.3292	2.5938	199.2	795.3	2.9381	198.33	432.3862	2.9165
153.54	329.3	2.2306	177.33	803.3568	2.5938	199.37	790.1	2.9408	198.34	424.9085	2.9192
153.75	334.4	2.2346	177.77	799.2517	2.6046	199.98	789	2.9502	198.36	417.4308	2.9192
153.83	339.6	2.2346	177.98	803.2793	2.6059	200.73	783.8	2.9624	198.39	409.8065	2.9178
153.99	338.5	2.236	177.99	802.9695	2.6086	200.75	778.7	2.9624	198.42	402.3288	2.9178
155.25	343.7	2.2549	178.05	799.0193	2.6073	200.77	773.5	2.9637	198.49	409.8065	2.9151
155.46	338.5	2.2603	178.7	802.8921	2.6167	200.81	768.4	2.9651	198.51	417.4308	2.9124
155.77	343.6	2.2616	178.81	798.9419	2.6167	200.82	763.3	2.9651	198.52	424.9085	2.9097
155.99	346	2.2657	178.89	794.8368	2.6235	200.83	758.1	2.9651	198.53	432.5328	2.9111
156.5	340.8	2.2751	178.9	790.8866	2.6235	200.85	753	2.9637	198.54	440.0105	2.9124
156.6	335.7	2.2751	178.92	786.859	2.6248	200.87	747.8	2.9651	198.55	447.4882	2.9124
156.73	340.8	2.2751	178.93	782.9088	2.6262	200.89	742.7	2.9664	198.56	455.1125	2.9111
156.77	346	2.2765	178.94	778.8812	2.6262	200.9	737.6	2.9664	198.57	462.5902	2.9097
157.21	351.1	2.2846	178.95	774.931	2.6262	200.91	732.4	2.9664	198.58	470.0679	2.9111
157.49	345.9	2.2886	178.96	770.9034	2.6275	200.93	727.3	2.9664	198.59	477.6922	2.9124
157.53	340.8	2.29	178.97	766.8758	2.6262	200.94	722.1	2.9691	198.59	485.1699	2.9124
157.6	335.6	2.29	178.98	762.9256	2.6275	200.95	717	2.9664	198.61	492.6476	2.9165
157.65	330.4	2.2913	178.99	758.898	2.6289	200.97	711.9	2.9651	198.62	500.2719	2.9165
157.8	335.6	2.2886	179	754.9478	2.6275	201	706.8	2.9678	198.64	507.7496	2.9165
157.82	340.8	2.2886	179.01	750.9202	2.6262	201.01	701.6	2.9651	198.9	500.1253	2.9232
157.83	345.9	2.2886	179.01	746.97	2.6275	201.13	706.8	2.9651	199.14	507.7496	2.9259
157.85	351.1	2.2913	179.02	742.9424	2.6275	201.15	711.9	2.9651	199.24	500.1253	2.93
157.99	354.2	2.294	179.03	738.9147	2.6302	201.17	717	2.9637	199.27	492.6476	2.93
158.56	349	2.3035	179.04	734.9646	2.6289	201.18	722.2	2.9637	199.36	500.1253	2.9286
158.78	354.2	2.3075	179.05	731.0144	2.6289	201.19	727.3	2.9637	199.43	507.6029	2.9327
159.37	359.3	2.3143	179.06	726.9868	2.6275	201.2	732.5	2.9624	199.98	506.5766	2.9381
159.52	354.1	2.3183	179.07	723.0366	2.6248	201.21	737.6	2.9637	200.2	499.0989	2.9448
159.99	357.9	2.3237	179.1	719.009	2.6248	201.22	742.7	2.961	200.22	491.4746	2.9462
160.62	352.7	2.3359	179.17	723.114	2.6181	201.23	747.8	2.9637	200.24	483.9969	2.9462
160.7	347.5	2.3345	179.18	727.0642	2.6181	201.24	753	2.9624	200.27	476.5192	2.9448
160.79	352.7	2.3332	179.19	731.0918	2.6181	201.24	758.1	2.961	200.32	469.0415	2.9435
160.82	357.8	2.3332	179.2	735.042	2.6194	201.25	763.3	2.9624	200.38	461.4172	2.9462
160.84	363	2.3345	179.2	739.0696	2.6167	201.26	768.4	2.961	200.43	453.9395	2.9462
161.99	362.3	2.3534	179.21	743.0198	2.6167	201.26	773.5	2.9624	200.51	461.4172	2.9435
162.62	357	2.3642	179.22	747.0474	2.6181	201.27	778.7	2.9624	200.53	468.8949	2.9421
162.67	351.9	2.3642	179.22	750.9976	2.6167	201.28	783.8	2.9624	200.54	476.5192	2.9408
162.81	357.1	2.3615	179.23	755.0253	2.614	201.28	788.9	2.9637	200.55	483.9969	2.9421
162.82	362.2	2.3602	179.24	758.9754	2.6167	201.29	794	2.9651	200.56	491.6212	2.9394
162.84	367.4	2.3629	179.24	763.0031	2.6167	201.3	799.2	2.9664	200.57	499.0989	2.9394
163.99	371.4	2.3831	179.25	766.9532	2.6167	201.32	804.3	2.9691	200.58	506.5766	2.9448
164.63	366.2	2.3926	179.25	770.9809	2.614	201.44	799.1	2.9705	200.59	514.2009	2.9448
164.81	371.4	2.3926	179.26	775.0085	2.6154	201.84	794	2.9759	200.63	521.6786	2.9475
164.88	376.6	2.3953	179.26	778.9587	2.614	201.98	794.6	2.9799	200.84	514.0543	2.9502

UCS Test Results, Stage Two

S1-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
165.99	378.2	2.4101
166.75	373	2.4223
166.8	378.2	2.4209
166.98	383.3	2.4263
167.99	385.7	2.4412
168.55	380.5	2.4493
168.61	375.3	2.452
168.64	370.2	2.452
168.67	365	2.4507
168.71	359.8	2.452
168.75	354.7	2.4534
168.84	359.8	2.4507
168.86	365	2.4507
168.88	370.1	2.4507
168.9	375.3	2.448
168.91	380.5	2.448
168.92	385.6	2.4493
168.94	390.8	2.4534
169.99	389.3	2.4709
170.36	394.5	2.4736
170.55	389.3	2.479
170.82	394.5	2.4817
171.72	399.6	2.4939
171.99	396.8	2.4979
172.61	391.6	2.5087
172.67	386.4	2.5087
172.82	391.6	2.506
172.83	396.8	2.5074
172.86	401.9	2.5087
173.58	407	2.5209
173.99	405.3	2.5263
174.67	400.1	2.5384
174.76	405.2	2.5357
174.81	410.4	2.5384
175.99	412.4	2.5546
176.44	417.5	2.5627
176.55	412.3	2.5641
176.65	407.2	2.5654
176.76	412.3	2.5654
176.8	417.5	2.5654
177.96	422.6	2.5843
177.99	421.9	2.5857
178.65	416.7	2.5951
178.8	421.8	2.5938
178.91	427	2.5978
179.99	424.8	2.614
180.46	430	2.6208
180.53	424.8	2.6235
180.76	429.9	2.6248
180.9	435.1	2.6262
181.26	429.9	2.6329
181.85	435	2.641
181.99	434.3	2.6424
182.58	429.1	2.6518
182.76	434.3	2.6559

S1-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
179.27	782.9088	2.6181
179.27	786.9365	2.6154
179.28	790.8866	2.6194
179.28	795.1466	2.6194
179.29	799.0968	2.6221
179.3	803.1244	2.6235
179.31	807.0746	2.6235
179.34	811.1022	2.6248
179.59	807.0746	2.6302
179.97	802.9695	2.6356
179.99	802.5048	2.6343
180.11	806.455	2.637
180.37	802.4273	2.6424
180.86	798.3222	2.6518
180.88	794.3721	2.6505
180.89	790.3444	2.6518
180.91	786.3943	2.6532
180.92	782.3666	2.6518
180.94	778.4165	2.6532
180.95	774.3888	2.6518
180.97	770.4387	2.6545
180.98	766.411	2.6559
180.99	762.4609	2.6518
181.01	758.4332	2.6559
181.02	754.4056	2.6572
181.03	750.4554	2.6559
181.04	746.4278	2.6572
181.05	742.4776	2.6572
181.06	738.5275	2.6545
181.07	734.4998	2.6545
181.09	730.4722	2.6559
181.1	726.522	2.6572
181.11	722.5719	2.6532
181.15	718.5442	2.6518
181.21	722.5719	2.6491
181.22	726.522	2.6505
181.24	730.5497	2.6505
181.25	734.5773	2.6491
181.26	738.5275	2.6478
181.27	742.5551	2.6464
181.28	746.5053	2.6478
181.29	750.5329	2.6464
181.3	754.4831	2.6478
181.3	758.5107	2.6451
181.31	762.4609	2.6464
181.32	766.4885	2.6491
181.32	770.5161	2.6451
181.33	774.4663	2.6464
181.34	778.4165	2.6491
181.34	782.4441	2.6464
181.35	786.3943	2.6505
181.35	790.4219	2.6505
181.36	794.3721	2.6491
181.37	798.3222	2.6532
181.49	794.2946	2.6586

S2-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.74	789.4	2.9921
202.76	784.2	2.9934
202.78	779.1	2.9934
202.8	774	2.9948
202.81	768.8	2.9934
202.82	763.7	2.9948
202.83	758.6	2.9948
202.85	753.4	2.9948
202.86	748.3	2.9948
202.87	743.2	2.9961
202.88	738	2.9961
202.89	732.9	2.9961
202.9	727.7	2.9988
202.91	722.6	2.9975
202.91	717.5	2.9988
202.92	712	2.9975
202.93	706.9	2.9975
202.95	701.7	2.9988
202.95	696.6	2.9961
202.97	691.5	2.9948
202.99	686.4	2.9961
203.02	681.2	2.9934
203.05	686.4	2.9921
203.06	691.5	2.9921
203.08	696.7	2.9907
203.09	701.8	2.9907
203.1	706.9	2.9894
203.11	712.1	2.9894
203.12	717.2	2.9894
203.13	722.3	2.9894
203.14	727.5	2.9894
203.14	732.6	2.9894
203.15	737.7	2.9894
203.16	742.9	2.9867
203.16	748	2.9894
203.17	753.1	2.988
203.18	758.3	2.9867
203.18	763.4	2.988
203.19	768.5	2.9867
203.19	773.7	2.9894
203.2	778.8	2.988
203.2	783.9	2.988
203.21	789	2.9907
203.22	794.2	2.9907
203.23	799.3	2.9934
203.24	804.4	2.9948
203.63	799.2	3.0029
203.98	797.8	3.0083
204.73	792.6	3.0204
204.77	787.4	3.0191
204.79	782.3	3.0231
204.81	777.2	3.0218
204.83	772	3.0245
204.85	766.9	3.0245
204.87	761.8	3.0245

S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
201.98	516.5468	2.9691
202.2	508.9225	2.9759
202.21	501.4448	2.9759
202.22	493.9672	2.9759
202.24	486.3429	2.9745
202.25	478.8652	2.9772
202.26	471.2409	2.9786
202.28	463.7632	2.9772
202.29	456.2855	2.9772
202.3	448.6612	2.9786
202.32	441.1835	2.9772
202.33	433.7058	2.9759
202.34	426.0815	2.9772
202.36	418.6038	2.9759
202.47	426.2281	2.9691
202.49	433.7058	2.9705
202.5	441.1835	2.9705
202.51	448.8078	2.9691
202.52	456.2855	2.9678
202.52	463.7632	2.9664
202.53	471.3875	2.9664
202.54	478.8652	2.9678
202.54	486.3429	2.9664
202.55	493.9672	2.9664
202.56	501.4448	2.9691
202.57	508.9225	2.9691
202.57	516.5468	2.9705
202.58	524.0245	2.9745
202.61	531.5022	2.9759
202.74	524.0245	2.9772
203.24	516.4002	2.9853
203.32	523.8779	2.9853
203.54	516.4002	2.9921
203.65	523.8779	2.988
203.98	529.8894	2.9988
204.06	522.4117	2.9988
204.17	529.8894	3.0015
204.2	522.2651	3.0056
204.21	514.7874	3.0029
204.22	507.3097	3.0042
204.24	499.832	3.0056
204.25	492.2077	3.0056
204.27	484.73	3.0069
204.28	477.2523	3.0042
204.3	469.628	3.0056
204.31	462.1503	3.0069
204.33	454.6727	3.0056
204.34	447.0483	3.0069
204.36	439.5707	3.0056
204.37	432.093	3.0042
204.46	439.5707	3.0015
204.49	447.195	2.9975
204.5	454.6727	3.0002
204.51	462.1503	2.9961
204.52	469.628	2.9988

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
182.86	439.4	2.6559	181.6	790.3444	2.6599	204.88	756.6	3.0245	204.53	477.2523	2.9975
183.99	439.7	2.6721	181.83	786.3168	2.6653	204.89	751.5	3.0258	204.54	484.73	2.9975
184.85	444.8	2.6842	181.99	784.9226	2.664	204.9	746.4	3.0258	204.54	492.3543	2.9961
185.98	447.1	2.7031	182.21	780.895	2.6694	204.91	741.2	3.0258	204.55	499.832	2.9948
186.62	441.9	2.7126	182.31	784.9226	2.668	204.92	736.1	3.0258	204.56	507.3097	2.9961
186.66	436.8	2.7126	182.61	780.895	2.6748	204.94	731	3.0258	204.56	514.7874	2.9975
186.81	441.9	2.7099	182.89	776.8674	2.6815	204.95	725.8	3.0245	204.57	522.4117	2.9988
186.84	447.1	2.7112	182.9	772.8398	2.6815	204.96	720.7	3.0231	204.58	529.8894	3.0002
186.85	452.2	2.7112	182.92	768.8896	2.6829	204.98	715.6	3.0272	204.59	537.3671	3.0015
187.98	452.8	2.7301	182.94	764.862	2.6829	204.99	710.4	3.0272	204.63	544.8448	3.0069
188.56	447.6	2.7396	182.95	760.9118	2.6829	205	705.3	3.0245	204.72	537.3671	3.0069
188.61	442.5	2.7423	182.96	756.8842	2.6829	205.17	710.4	3.0245	204.76	529.8894	3.0096
188.63	437.3	2.7423	182.97	752.934	2.6815	205.19	715.6	3.0231	205.02	537.3671	3.0123
188.66	432.2	2.7423	182.98	748.9064	2.6856	205.2	720.7	3.0218	205.12	529.7428	3.0137
188.69	427	2.7423	182.99	744.8787	2.6842	205.22	725.8	3.0231	205.23	537.3671	3.015
188.72	421.9	2.7423	183	740.9286	2.6856	205.23	731	3.0231	205.31	529.7428	3.0177
188.74	416.7	2.7423	183.01	736.9009	2.6869	205.24	736.1	3.0231	205.7	537.3671	3.0204
188.78	411.6	2.741	183.02	732.9508	2.6869	205.25	741.2	3.0218	205.8	529.7428	3.0245
188.96	416.7	2.7423	183.03	728.9231	2.6869	205.26	746.4	3.0204	205.91	537.2204	3.0245
188.98	421.9	2.741	183.04	724.973	2.6869	205.26	751.5	3.0204	205.98	537.8069	3.0231
189	427	2.7396	183.04	721.0228	2.6842	205.27	756.6	3.0204	206.2	530.1826	3.0353
189.01	432.2	2.7383	183.05	716.9952	2.6829	205.28	761.8	3.0204	206.21	522.7049	3.034
189.03	437.3	2.7396	183.06	713.045	2.6829	205.29	766.9	3.0177	206.22	515.2273	3.0326
189.04	442.5	2.7396	183.08	709.0174	2.6856	205.29	772.1	3.0191	206.23	507.6029	3.0353
189.05	447.6	2.741	183.09	705.0672	2.6842	205.3	777.2	3.0204	206.25	500.1253	3.0326
189.06	452.8	2.7396	183.17	709.0948	2.6775	205.31	782.3	3.0191	206.27	492.6476	3.0367
189.07	457.9	2.741	183.18	713.045	2.6775	205.31	787.4	3.0204	206.28	485.0233	3.034
189.08	463	2.7423	183.19	717.0726	2.6788	205.32	792.6	3.0218	206.3	477.5456	3.0367
189.1	468.2	2.745	183.2	721.0228	2.6775	205.33	797.7	3.0218	206.31	470.0679	3.0353
189.24	463	2.7491	183.21	725.0504	2.6761	205.34	802.8	3.0218	206.33	462.4436	3.0367
189.98	461.9	2.7599	183.22	729.078	2.6734	205.35	807.9	3.0258	206.34	454.9659	3.0367
190.56	456.7	2.768	183.23	733.0282	2.6734	205.73	802.7	3.034	206.36	447.4882	3.0353
190.75	461.9	2.768	183.23	736.9784	2.6761	205.98	803.4	3.0367	206.38	440.0105	3.034
190.81	467	2.7707	183.24	741.006	2.6734	206.61	798.2	3.0448	206.42	432.3862	3.0312
191.98	468	2.7869	183.24	744.9562	2.6748	206.72	793	3.0488	206.47	440.0105	3.0299
192.39	473.1	2.7936	183.25	748.9838	2.6748	206.76	787.9	3.0488	206.48	447.4882	3.0258
192.54	467.9	2.7977	183.26	753.0114	2.6734	206.8	782.7	3.0515	206.49	454.9659	3.0285
192.81	473	2.799	183.26	756.9616	2.6748	206.83	777.6	3.0502	206.5	462.5902	3.0272
193.98	473.7	2.8166	183.27	760.9118	2.6734	206.85	772.5	3.0529	206.51	470.0679	3.0258
194.33	478.8	2.8206	183.27	764.9394	2.6775	206.87	767.4	3.0515	206.52	477.5456	3.0258
194.5	473.6	2.8247	183.28	768.8896	2.6748	206.89	762.2	3.0529	206.53	485.1699	3.0245
194.6	468.5	2.8287	183.29	772.9172	2.6761	206.91	757.1	3.0529	206.53	492.6476	3.0245
194.76	473.6	2.8247	183.29	776.8674	2.6775	206.93	752	3.0529	206.54	500.1253	3.0258
194.83	478.7	2.8287	183.3	780.895	2.6775	206.95	746.8	3.0515	206.55	507.7496	3.0245
195.98	479.7	2.8463	183.31	784.8452	2.6802	207.06	752	3.0502	206.56	515.2273	3.0272
196.55	474.5	2.8544	183.32	788.7954	2.6815	207.08	757.1	3.0502	206.56	522.7049	3.0258
196.62	469.3	2.8557	183.34	792.7455	2.6829	207.09	762.2	3.0488	206.57	530.1826	3.0258
196.64	464.2	2.8571	183.43	788.7954	2.6869	207.1	767.4	3.0475	206.58	537.8069	3.0285
196.68	459.1	2.8584	183.99	787.0914	2.6923	207.11	772.5	3.0488	206.59	545.2846	3.0299
196.72	453.9	2.8584	184.88	782.9863	2.7085	207.12	777.6	3.0475	206.61	552.7623	3.0326
196.84	459.1	2.8557	184.91	779.0361	2.7099	207.13	782.8	3.0475	206.75	545.2846	3.0353
196.86	464.2	2.8544	184.93	775.0085	2.7099	207.14	787.9	3.0488	206.88	537.6603	3.0394
196.88	469.3	2.8557	184.95	771.0583	2.7112	207.15	793	3.0502	207.33	545.138	3.0448
196.89	474.5	2.853	184.97	767.0307	2.7126	207.16	798.1	3.0502	207.98	544.1116	3.0529
196.9	479.6	2.8557	184.98	763.0805	2.7126	207.17	803.2	3.0529	208.2	536.634	3.0623

UCS Test Results, Stage Two

S1-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
196.92	484.8	2.8571
196.95	489.9	2.8584
197.52	484.7	2.8692
197.98	488.1	2.876
198.56	482.9	2.8827
198.76	488	2.8854
198.88	493.2	2.8881
199.98	491.4	2.903
200.61	486.2	2.9138
200.76	491.3	2.9138
201.37	496.4	2.9232
201.98	495	2.9327
202.33	500.1	2.9381
202.54	495	2.9408
202.61	489.8	2.9435
202.66	484.7	2.9421
202.74	479.5	2.9448
202.79	484.7	2.9408
202.81	489.8	2.9421
202.83	495	2.9408
202.85	500.1	2.9421
202.89	505.2	2.9462
203.98	502.7	2.9624
204.82	507.8	2.9732
205.63	512.9	2.9853
205.98	509.4	2.9907
206.47	514.5	2.9975
206.52	509.4	3.0002
206.57	504.2	3.0002
206.61	499.1	3.0015
206.67	494	3.0029
206.73	488.8	3.0029
206.81	494	3.0002
206.83	499.1	2.9988
206.84	504.2	2.9988
206.86	509.4	2.9975
206.88	514.5	3.0002
206.91	519.6	3.0029
207.62	514.4	3.0137
207.98	516.1	3.0191
208.82	521.2	3.0299
209.98	524.5	3.0488
210.8	529.6	3.0596
211.98	528.4	3.0785
212.58	523.3	3.088
212.62	518.1	3.088
212.8	523.3	3.0866
212.81	528.4	3.0866
212.83	533.5	3.0866
212.86	538.6	3.0893
213.15	533.5	3.0947
213.82	538.5	3.1042
213.98	536.8	3.1069
214.57	531.7	3.1163
214.66	526.5	3.1177

S1-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
185	759.0529	2.7112
185.02	755.1027	2.7112
185.03	751.0751	2.7126
185.04	747.0474	2.7139
185.06	743.0973	2.7126
185.07	739.0696	2.7153
185.09	735.1195	2.7153
185.1	731.1693	2.7126
185.12	727.1417	2.7112
185.15	723.1915	2.7153
185.22	727.2191	2.7085
185.24	731.1693	2.7085
185.26	735.1969	2.7085
185.27	739.1471	2.7072
185.29	743.1747	2.7058
185.3	747.1249	2.7058
185.31	751.1525	2.7058
185.31	755.1027	2.7058
185.32	759.1303	2.7058
185.33	763.0805	2.7085
185.34	767.1081	2.7045
185.35	771.0583	2.7031
185.35	775.0085	2.7072
185.36	779.0361	2.7045
185.37	783.0637	2.7045
185.37	787.0139	2.7072
185.38	790.9641	2.7085
185.38	794.9143	2.7112
185.39	798.9419	2.7139
185.98	797.4702	2.7234
186.88	793.3652	2.7396
186.9	789.415	2.7396
186.92	785.3874	2.7396
186.94	781.4372	2.7423
186.96	777.4096	2.741
186.97	773.4594	2.7423
186.98	769.4318	2.7423
186.99	765.4816	2.7423
187	761.454	2.7437
187.01	757.5038	2.7437
187.02	753.4762	2.7437
187.03	749.526	2.745
187.04	745.4984	2.7437
187.05	741.5482	2.7437
187.06	737.5206	2.7437
187.07	733.5704	2.745
187.08	729.6202	2.7437
187.09	725.5926	2.7423
187.12	721.6424	2.7423
187.18	725.67	2.7356
187.19	729.6202	2.7369
187.21	733.6478	2.7342
187.22	737.598	2.7356
187.23	741.6256	2.7328
187.24	745.5758	2.7342

S2-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
207.2	808.3	3.0556
207.26	803.2	3.0556
207.79	798	3.0637
207.98	798.3	3.0664
208.73	793.1	3.0785
208.77	788	3.0785
208.81	782.9	3.0799
208.83	777.7	3.0799
208.85	772.6	3.0812
208.86	767.5	3.0812
208.88	762.3	3.0826
208.89	757.2	3.0812
208.91	752.1	3.0826
208.92	746.9	3.0826
208.94	741.8	3.0826
208.95	736.7	3.0826
208.96	731.6	3.0812
208.99	726.4	3.0839
209.01	721.3	3.0812
209.11	726.4	3.0812
209.14	731.6	3.0785
209.16	736.7	3.0812
209.17	741.8	3.0785
209.18	747	3.0785
209.19	752.1	3.0799
209.2	757.2	3.0785
209.21	762.4	3.0772
209.22	767.5	3.0785
209.22	772.6	3.0785
209.23	777.7	3.0772
209.24	782.9	3.0772
209.25	788	3.0758
209.26	793.1	3.0785
209.26	798.2	3.0785
209.27	803.4	3.0799
209.28	808.5	3.0812
209.3	813.6	3.0853
209.47	808.4	3.0893
209.98	806.3	3.0961
210.73	801.1	3.1069
210.76	795.9	3.1082
210.8	790.8	3.1096
210.82	785.7	3.1096
210.84	780.6	3.1096
210.85	775.4	3.1109
210.87	770.3	3.1096
210.88	765.2	3.1123
210.89	760	3.1109
210.91	754.9	3.1109
210.92	749.8	3.1123
210.93	744.7	3.1123
210.94	739.5	3.1123
210.96	734.4	3.1109
210.99	729.3	3.1136
211	724.2	3.1096

S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
208.21	529.0097	3.0637
208.23	521.532	3.0637
208.24	514.0543	3.0637
208.25	506.43	3.065
208.26	498.9523	3.065
208.28	491.4746	3.065
208.29	483.8503	3.065
208.3	476.3726	3.065
208.31	468.8949	3.0664
208.33	461.4172	3.0637
208.34	453.7929	3.0637
208.36	446.3152	3.0623
208.48	453.9395	3.0569
208.49	461.4172	3.0556
208.5	468.8949	3.0542
208.51	476.3726	3.0556
208.52	483.9969	3.0583
208.53	491.4746	3.0542
208.54	498.9523	3.0542
208.55	506.5766	3.0529
208.55	514.0543	3.0542
208.56	521.532	3.0556
208.57	529.1563	3.0542
208.58	536.634	3.0569
208.58	544.1116	3.0583
208.6	551.5893	3.061
208.61	559.067	3.0623
208.78	551.5893	3.0664
209.85	559.067	3.0826
209.98	554.9616	3.0839
210.2	547.4839	3.092
210.22	539.8596	3.092
210.23	532.3819	3.092
210.25	524.9043	3.092
210.26	517.4266	3.0934
210.28	509.8023	3.092
210.3	502.3246	3.092
210.31	494.8469	3.0934
210.33	487.2226	3.092
210.35	479.7449	3.092
210.37	472.2672	3.092
210.39	464.7895	3.0934
210.43	457.1652	3.0907
210.49	464.7895	3.088
210.5	472.2672	3.0866
210.51	479.7449	3.0893
210.53	487.3692	3.0866
210.54	494.8469	3.0839
210.55	502.3246	3.0866
210.56	509.8023	3.0853
210.56	517.4266	3.0866
210.57	524.9043	3.0866
210.58	532.3819	3.0839
210.59	540.0063	3.0866
210.6	547.4839	3.088

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
214.75	531.7	3.115	187.25	749.6034	2.7356	211.07	719	3.1109	210.61	554.9616	3.0893
214.78	536.8	3.1163	187.25	753.5536	2.7328	211.16	724.2	3.1096	210.62	562.4393	3.0893
214.83	541.9	3.1177	187.26	757.5812	2.7315	211.18	729.3	3.1123	210.64	569.917	3.092
215.35	536.7	3.1271	187.27	761.5314	2.7356	211.2	734.4	3.1096	210.89	562.4393	3.0974
215.64	541.8	3.1312	187.27	765.559	2.7315	211.22	739.5	3.1096	211.98	568.3042	3.1136
215.98	541.8	3.1366	187.28	769.5092	2.7356	211.23	744.7	3.1082	212.19	560.8265	3.119
216.63	536.6	3.1433	187.28	773.5368	2.7315	211.24	749.8	3.1082	212.2	553.3488	3.1204
216.72	541.7	3.1474	187.29	777.487	2.7342	211.25	754.9	3.1069	212.22	545.7245	3.1204
217.48	546.8	3.1582	187.29	781.5146	2.7328	211.26	760.1	3.1082	212.23	538.2468	3.1217
217.71	541.6	3.1609	187.3	785.4648	2.7342	211.26	765.2	3.1096	212.25	530.7691	3.1217
217.96	546.8	3.1636	187.31	789.415	2.7369	211.27	770.3	3.1069	212.26	523.1448	3.1231
217.98	545.7	3.1649	187.31	793.4426	2.7328	211.28	775.5	3.1055	212.27	515.6671	3.1217
218.57	540.6	3.173	187.32	797.3928	2.7369	211.29	780.6	3.1069	212.29	508.1894	3.1217
218.78	545.7	3.1757	187.33	801.343	2.7396	211.29	785.7	3.1055	212.3	500.7117	3.1231
218.81	550.8	3.1757	187.34	805.3706	2.7396	211.3	790.8	3.1069	212.31	493.0874	3.1231
219.98	552	3.1946	187.98	802.0401	2.7504	211.31	796	3.1069	212.32	485.6097	3.1244
220.63	546.9	3.2027	188.89	797.935	2.768	211.31	801.1	3.1069	212.33	478.1321	3.1231
220.75	552	3.2014	188.9	793.9073	2.7707	211.32	806.2	3.1096	212.35	470.6544	3.1204
220.84	557.1	3.2054	188.92	789.9572	2.7693	211.33	811.3	3.1096	212.37	463.1767	3.119
221.98	558.4	3.223	188.94	785.9295	2.7707	211.34	816.4	3.1123	212.48	470.6544	3.1136
222.53	553.2	3.2311	188.95	781.9794	2.772	211.36	821.5	3.1123	212.49	478.1321	3.1136
222.74	558.3	3.2338	188.96	777.9517	2.772	211.46	816.4	3.115	212.5	485.6097	3.115
222.86	563.4	3.2351	188.97	774.0016	2.772	211.63	811.2	3.1177	212.51	493.2341	3.115
223.69	558.2	3.2459	188.98	769.9739	2.7734	211.98	808.1	3.1217	212.52	500.7117	3.1136
223.84	563.3	3.2486	188.99	766.0238	2.772	212.75	802.9	3.1366	212.52	508.1894	3.1123
223.98	563	3.2513	189	762.0736	2.772	212.79	797.8	3.1379	212.53	515.8137	3.1123
224.58	557.8	3.2621	189	758.046	2.772	212.82	792.6	3.1379	212.54	523.2914	3.1109
224.71	562.9	3.2621	189.01	754.0958	2.772	212.83	787.5	3.1393	212.55	530.7691	3.115
224.82	568	3.2635	189.02	750.0682	2.7734	212.85	782.4	3.1393	212.55	538.2468	3.1123
225.98	566.9	3.2797	189.03	746.118	2.7747	212.86	777.2	3.1393	212.56	545.8711	3.1123
226.51	561.7	3.2891	189.04	742.0904	2.7734	212.88	772.1	3.1393	212.57	553.3488	3.115
226.55	556.6	3.2891	189.04	738.1402	2.7707	212.9	767	3.1379	212.57	560.8265	3.115
226.78	561.7	3.2878	189.06	734.19	2.772	212.91	761.9	3.1406	212.58	568.3042	3.115
226.8	566.8	3.2905	189.06	730.1624	2.7707	212.93	756.7	3.1393	212.6	575.7818	3.1231
226.93	571.9	3.2945	189.08	726.2122	2.7707	212.94	751.6	3.1406	213.1	568.3042	3.1285
227.98	571.8	3.3107	189.09	722.1846	2.7707	212.98	746.5	3.1406	213.27	575.7818	3.1298
228.53	566.7	3.3188	189.16	726.2122	2.7639	213	741.4	3.1379	213.49	568.3042	3.1339
228.61	561.6	3.3202	189.17	730.2399	2.7639	213.07	746.5	3.1379	213.79	575.7818	3.1393
228.67	556.5	3.3188	189.18	734.19	2.7639	213.1	751.6	3.1379	213.83	568.1575	3.1393
228.75	561.6	3.3188	189.19	738.2177	2.7639	213.12	756.8	3.1366	213.97	575.7818	3.1393
228.78	566.7	3.3161	189.2	742.1678	2.7626	213.13	761.9	3.1366	213.98	575.1954	3.1406
228.79	571.8	3.3175	189.21	746.1955	2.7626	213.14	767	3.1366	214.19	567.7177	3.1474
228.81	576.9	3.3202	189.22	750.1456	2.7626	213.15	772.1	3.1352	214.2	560.0934	3.1501
229.39	571.7	3.3296	189.23	754.1733	2.7639	213.16	777.3	3.1366	214.22	552.6157	3.1501
229.98	575.1	3.3391	189.23	758.1234	2.7599	213.17	782.4	3.1352	214.23	545.138	3.1501
230.8	580.1	3.3499	189.24	762.1511	2.7612	213.18	787.5	3.1352	214.25	537.6603	3.1501
231.98	578	3.3688	189.24	766.1012	2.7639	213.19	792.6	3.1366	214.26	530.036	3.1528
232.54	572.8	3.3769	189.25	770.1289	2.7599	213.2	797.8	3.1352	214.27	522.5583	3.1514
232.58	567.7	3.3783	189.26	774.079	2.7626	213.21	802.9	3.1366	214.29	515.0806	3.1501
232.62	562.6	3.3796	189.26	778.1067	2.7599	213.22	808	3.1366	214.31	507.6029	3.1514
232.66	557.5	3.3796	189.27	782.0568	2.7612	213.23	813.1	3.1379	214.32	499.9786	3.1501
232.7	552.4	3.3783	189.27	786.007	2.7612	213.24	818.2	3.1393	214.33	492.5009	3.1514
232.8	557.5	3.3769	189.28	790.0346	2.7626	213.55	813.1	3.146	214.35	485.0233	3.1487
232.82	562.6	3.3756	189.28	793.9848	2.7626	213.98	810.6	3.1514	214.38	477.5456	3.1487
232.83	567.7	3.3756	189.29	797.935	2.7639	214.76	805.4	3.1649	214.49	485.0233	3.142

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
232.85	572.8	3.3756	189.29	801.9626	2.7666	214.82	800.3	3.1663	214.5	492.5009	3.1447
232.86	577.9	3.3756	189.3	805.9128	2.768	214.85	795.1	3.1676	214.51	500.1253	3.1433
232.88	583	3.3783	189.31	809.8629	2.768	214.87	790	3.1676	214.52	507.6029	3.1447
232.94	588.1	3.381	189.98	806.3775	2.7788	214.9	784.9	3.169	214.53	515.0806	3.1406
233.04	583	3.3823	190.03	810.3277	2.7815	214.94	779.8	3.1663	214.54	522.5583	3.142
233.98	580.2	3.3958	190.1	806.3	2.7828	215.01	784.9	3.1636	214.55	530.1826	3.1406
234.79	585.2	3.4066	190.18	802.3499	2.7828	215.02	790	3.1636	214.56	537.6603	3.1406
235.98	587.9	3.4255	190.25	806.3	2.7828	215.03	795.1	3.1649	214.56	545.138	3.142
236.59	582.7	3.435	190.88	802.195	2.7963	215.05	800.3	3.1622	214.57	552.6157	3.142
236.77	587.8	3.435	190.92	798.2448	2.795	215.06	805.4	3.1636	214.58	560.0934	3.1433
236.81	592.9	3.435	190.94	794.2172	2.7963	215.07	810.5	3.1649	214.58	567.7177	3.142
237.32	587.7	3.4444	190.96	790.267	2.7977	215.09	815.6	3.1676	214.59	575.1954	3.1433
237.54	592.8	3.4485	190.98	786.3168	2.7963	215.64	810.4	3.1757	214.61	582.673	3.1487
237.98	590.1	3.4552	191	782.2892	2.7977	215.98	812.1	3.1798	215.41	575.0487	3.1636
238.37	595.1	3.4606	191.02	778.339	2.7977	216.74	806.9	3.1933	215.55	582.5264	3.1649
238.49	590	3.4647	191.04	774.3114	2.8004	216.82	801.7	3.196	215.98	586.4852	3.1703
238.74	595.1	3.4674	191.05	770.3612	2.799	216.85	796.6	3.196	216.18	579.0075	3.1798
239.56	600.1	3.4782	191.07	766.3336	2.8017	216.88	791.5	3.196	216.19	571.5298	3.1784
239.98	599.8	3.4822	191.08	762.3834	2.8004	216.94	786.3	3.1973	216.21	563.9055	3.1771
240.49	594.6	3.4917	191.1	758.3558	2.8017	217.01	791.5	3.1933	216.22	556.4278	3.1784
240.55	589.5	3.493	191.11	754.4056	2.799	217.02	796.6	3.1919	216.23	548.9502	3.1798
240.61	584.4	3.4944	191.14	750.378	2.8017	217.04	801.7	3.1933	216.25	541.4725	3.1798
240.76	589.5	3.493	191.16	746.4278	2.7977	217.05	806.8	3.1933	216.26	533.8482	3.1811
240.78	594.6	3.4917	191.26	750.4554	2.7963	217.06	812	3.1946	216.28	526.3705	3.1784
240.8	599.7	3.4944	191.29	754.4056	2.7963	217.08	817.1	3.196	216.29	518.8928	3.1798
241.45	594.5	3.5038	191.3	758.3558	2.799	217.48	811.9	3.2041	216.3	511.4151	3.1811
241.98	597.5	3.5119	191.32	762.3834	2.7963	217.98	808.4	3.2108	216.31	503.9374	3.1811
242.81	602.6	3.5241	191.33	766.411	2.795	218.09	813.5	3.2108	216.33	496.3131	3.1784
243.98	601.4	3.5416	191.34	770.3612	2.7963	218.18	808.4	3.2122	216.34	488.8354	3.1811
244.63	596.3	3.5497	191.35	774.3888	2.7936	218.23	813.5	3.2149	216.37	481.3577	3.1784
244.74	601.4	3.5524	191.36	778.339	2.7936	218.34	808.4	3.2149	216.39	473.88	3.1771
245.98	603.3	3.57	191.37	782.2892	2.7936	218.76	803.2	3.223	216.45	481.3577	3.1757
246.52	598.1	3.5794	191.38	786.3168	2.7923	218.8	798.1	3.2243	216.46	488.8354	3.1757
246.65	593	3.5794	191.39	790.267	2.795	218.83	792.9	3.2243	216.49	496.4597	3.173
246.7	598.1	3.5794	191.39	794.2946	2.7936	218.85	787.8	3.2257	216.5	503.9374	3.1744
246.8	603.2	3.5821	191.4	798.2448	2.7923	218.9	782.7	3.2257	216.51	511.4151	3.1717
247.98	605.8	3.5997	191.41	802.195	2.7963	218.94	777.6	3.2243	216.52	518.8928	3.1703
248.57	600.7	3.6091	191.41	806.2226	2.795	219.02	782.7	3.223	216.52	526.5171	3.169
248.73	605.8	3.6105	191.42	810.1728	2.795	219.04	787.8	3.223	216.53	533.9948	3.169
248.81	610.9	3.6105	191.43	814.1229	2.7977	219.05	793	3.223	216.54	541.4725	3.1703
249.98	609.7	3.628	191.44	818.1506	2.8004	219.06	798.1	3.2216	216.55	548.9502	3.169
250.79	614.8	3.6402	191.78	814.1229	2.8058	219.08	803.2	3.2216	216.55	556.5745	3.169
251.98	617	3.6564	191.98	813.2709	2.8085	219.09	808.3	3.223	216.56	564.0521	3.1717
252.51	611.9	3.6659	192.42	809.2433	2.8166	219.1	813.4	3.2243	216.57	571.5298	3.173
252.6	606.8	3.6672	192.83	813.116	2.822	219.12	818.5	3.2257	216.57	579.0075	3.1717
252.73	611.9	3.6645	192.88	809.1659	2.8247	219.44	813.3	3.2324	216.58	586.4852	3.1744
252.79	617	3.6672	192.9	805.1382	2.826	219.98	814	3.2392	216.6	593.9629	3.1757
253.98	616.8	3.6875	192.92	801.1881	2.8274	220.38	808.8	3.2446	217.07	586.4852	3.1865
254.53	611.7	3.6942	192.94	797.1604	2.8274	220.82	803.6	3.2527	217.48	593.9629	3.1919
254.64	606.6	3.6969	192.95	793.2103	2.8287	220.97	808.7	3.2554	217.55	586.3386	3.1946
254.73	611.7	3.6942	192.96	789.2601	2.8274	221.03	813.9	3.2527	217.64	593.9629	3.1919
254.75	616.8	3.6969	192.98	785.2325	2.8287	221.5	808.7	3.2608	217.98	591.3237	3.1987
254.8	621.9	3.6969	192.99	781.2823	2.8274	221.98	807.9	3.2675	218.18	583.846	3.2054
255.98	619.7	3.7158	193	777.2547	2.8287	222.44	802.8	3.2756	218.2	576.3683	3.2068
256.49	614.6	3.7239	193.01	773.3045	2.8301	222.61	807.9	3.277	218.21	568.744	3.2081

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
256.57	609.5	3.7253	193.02	769.2769	2.8287	222.78	802.7	3.281	218.22	561.2663	3.2081
256.71	614.5	3.7253	193.03	765.3267	2.8314	222.84	797.6	3.281	218.24	553.7887	3.2081
256.78	619.6	3.7253	193.04	761.2991	2.8287	222.97	802.7	3.2824	218.25	546.311	3.2081
257.98	622.6	3.7442	193.05	757.3489	2.8314	223.02	807.8	3.2824	218.26	538.8333	3.2081
258.8	627.6	3.7563	193.06	753.3213	2.8314	223.43	812.9	3.2891	218.28	531.209	3.2081
259.98	626.5	3.7739	193.07	749.3711	2.8314	223.61	807.7	3.2932	218.29	523.7313	3.2095
260.81	631.5	3.7847	193.08	745.1111	2.8328	223.72	802.6	3.2945	218.3	516.2536	3.2095
261.98	633.7	3.8022	193.09	741.1609	2.8314	223.75	797.5	3.2945	218.31	508.7759	3.2108
262.49	628.6	3.8117	193.1	737.2107	2.8287	223.78	792.4	3.2945	218.33	501.2982	3.2095
262.58	623.5	3.813	193.16	733.2606	2.8247	223.83	787.2	3.2959	218.35	493.6739	3.2081
262.75	628.6	3.8103	193.19	737.2107	2.8247	223.9	782.1	3.2972	218.37	486.1962	3.2081
262.76	633.7	3.8103	193.2	741.1609	2.8247	223.95	777	3.2972	218.42	478.7185	3.2054
262.92	638.7	3.8157	193.22	745.1885	2.8247	223.98	779	3.2972	218.47	486.1962	3.2014
263.18	633.6	3.8198	193.23	749.1387	2.822	224.08	773.9	3.2986	218.48	493.8205	3.2
263.19	638.7	3.8225	193.24	753.0889	2.826	224.72	768.7	3.3094	218.52	501.2982	3.2014
263.19	643.8	3.8225	193.24	757.3489	2.826	224.8	763.6	3.3094	218.53	508.7759	3.2
263.22	638.7	3.8225	193.24	761.6089	2.826	224.97	768.7	3.3094	218.54	516.2536	3.2
263.24	633.6	3.8238	193.25	765.6365	2.8233	224.99	773.8	3.3107	218.54	523.7313	3.2
263.25	628.5	3.8238	193.25	769.5867	2.822	225.02	778.9	3.3121	218.55	531.3556	3.2
263.26	623.4	3.8238	193.26	773.6143	2.8233	225.98	779.8	3.3269	218.56	538.8333	3.2
263.28	618.3	3.8252	193.27	777.5645	2.8206	226.42	784.9	3.3323	218.57	546.311	3.1987
263.29	613.2	3.8252	193.28	781.5921	2.8206	226.72	779.7	3.3391	218.57	553.7887	3.1973
263.31	608.1	3.8252	193.28	785.5423	2.8206	226.76	774.6	3.3391	218.58	561.413	3.1987
263.32	603	3.8265	193.29	789.5699	2.8206	226.8	769.5	3.3404	218.59	568.8906	3.1987
263.33	598	3.8265	193.3	793.5201	2.8193	226.82	764.4	3.3418	218.59	576.3683	3.2
263.34	592.9	3.8292	193.3	797.4702	2.822	226.84	759.3	3.3404	218.6	583.846	3.2014
263.36	587.8	3.8265	193.31	801.4979	2.822	226.86	754.1	3.3404	218.61	591.3237	3.2027
263.37	582.7	3.8279	193.32	805.448	2.822	226.87	749	3.3432	218.62	598.8014	3.2041
263.38	577.6	3.8265	193.32	809.3982	2.8233	226.9	743.9	3.3432	218.63	606.2791	3.2095
263.39	572.5	3.8279	193.33	813.3484	2.826	226.92	738.8	3.3404	218.98	598.8014	3.2135
263.4	567.4	3.8279	193.34	817.376	2.8274	226.94	733.7	3.3418	219.08	591.3237	3.2162
263.41	562.3	3.8265	193.98	815.672	2.8382	226.97	728.6	3.3418	219.19	598.8014	3.2162
263.42	557.3	3.8265	194.65	811.6444	2.8463	227.03	733.7	3.3404	219.43	591.1771	3.2203
263.44	552.2	3.8265	194.7	815.5946	2.849	227.06	738.8	3.3404	219.5	598.8014	3.2203
263.47	547.1	3.8252	194.78	811.5669	2.8503	227.08	743.9	3.3391	219.98	596.1622	3.2284
263.57	552.2	3.8238	194.9	807.6168	2.853	227.09	749	3.3404	220.18	588.6845	3.2351
263.59	557.3	3.8225	194.94	803.5891	2.8544	227.11	754.2	3.3391	220.2	581.2068	3.2365
263.62	562.4	3.8225	194.96	799.639	2.853	227.12	759.3	3.3391	220.22	573.5825	3.2365
263.64	567.5	3.8225	194.98	795.6113	2.8544	227.13	764.4	3.3391	220.23	566.1048	3.2351
263.65	572.5	3.8238	195	791.6612	2.8557	227.14	769.5	3.3364	220.25	558.6272	3.2365
263.66	577.6	3.8211	195.02	787.6335	2.8584	227.15	774.6	3.3377	220.26	551.1495	3.2351
263.67	582.7	3.8211	195.04	783.6834	2.8584	227.16	779.7	3.3391	220.28	543.6718	3.2378
263.68	588.2	3.8198	195.05	779.6557	2.8571	227.17	784.8	3.3418	220.29	536.0475	3.2378
263.69	593.2	3.8211	195.07	775.7056	2.8584	227.18	789.9	3.3418	220.31	528.5698	3.2378
263.7	598.3	3.8198	195.09	771.7554	2.8557	227.21	795	3.3445	220.32	521.0921	3.2378
263.71	603.4	3.8184	195.21	775.7056	2.8557	227.49	789.9	3.3486	220.34	513.6144	3.2378
263.72	608.5	3.8184	195.23	779.7332	2.853	227.98	790.8	3.3567	220.35	506.1367	3.2365
263.72	613.6	3.8198	195.25	783.6834	2.8517	228.75	785.6	3.3675	220.38	498.5124	3.2365
263.73	618.7	3.8211	195.26	787.711	2.8517	228.81	780.5	3.3702	220.47	506.1367	3.2324
263.74	623.8	3.8198	195.27	791.6612	2.8517	228.86	775.4	3.3702	220.49	513.6144	3.2297
263.74	628.9	3.8225	195.28	795.6888	2.849	228.99	780.5	3.3661	220.5	521.0921	3.2311
263.75	633.9	3.8225	195.29	799.639	2.8503	229.01	785.6	3.3661	220.51	528.5698	3.2297
263.76	639	3.8238	195.3	803.5891	2.8517	229.02	790.7	3.3675	220.52	536.1941	3.227
263.78	644.1	3.8265	195.31	807.6168	2.853	229.03	795.8	3.3688	220.53	543.6718	3.2284
263.98	640.3	3.8333	195.31	811.5669	2.853	229.98	793.3	3.3837	220.54	551.1495	3.2297

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
264.25	635.2	3.8346	195.32	815.5171	2.853	230.76	788.1	3.3958	220.55	558.6272	3.227
264.52	630.1	3.84	195.33	819.5447	2.8557	230.95	793.2	3.3985	220.55	566.1048	3.2284
264.6	625	3.84	195.36	823.4949	2.8571	231.05	798.3	3.3999	220.56	573.7292	3.2297
264.71	630.1	3.8387	195.48	819.4673	2.8611	231.33	793.2	3.4039	220.57	581.6467	3.2284
264.73	635.2	3.8427	195.98	819.1575	2.8679	231.98	792.4	3.4134	220.58	589.1244	3.2311
265.68	640.2	3.8549	196.09	815.1298	2.8706	232.72	787.2	3.4255	220.58	596.7487	3.2311
265.98	639.8	3.8603	196.48	819.08	2.8746	232.78	782.1	3.4269	220.59	604.2264	3.2311
266.51	634.7	3.8684	196.86	815.0524	2.8814	232.81	777	3.4282	220.61	611.7041	3.2351
266.72	639.7	3.8724	196.91	811.0248	2.8827	232.86	771.9	3.4269	220.63	619.1818	3.2378
267.98	640.3	3.8873	196.95	807.0746	2.8841	232.9	766.7	3.4282	220.74	611.7041	3.2419
268.58	635.1	3.8967	196.97	803.1244	2.8827	233	771.9	3.4255	220.82	604.0798	3.2405
268.68	640.2	3.8994	197	799.0968	2.8841	233.02	777	3.4242	221.01	611.5574	3.2432
268.78	645.3	3.8994	197.03	795.1466	2.8841	233.03	782.1	3.4242	221.12	604.0798	3.2459
269.98	643.8	3.9183	197.05	791.119	2.8868	233.05	787.2	3.4242	221.51	611.5574	3.2486
270.61	638.7	3.9278	197.07	787.1688	2.8868	233.06	792.3	3.4269	221.64	604.0798	3.2554
270.74	643.8	3.9278	197.09	783.1412	2.8854	233.07	797.4	3.4282	221.81	611.5574	3.2554
270.8	648.8	3.9291	197.19	787.1688	2.8827	233.16	802.5	3.4309	221.98	609.5047	3.2608
270.91	643.7	3.9318	197.21	791.1964	2.8814	233.24	797.4	3.4309	222.16	602.0271	3.2635
271	648.8	3.9318	197.23	795.1466	2.88	233.98	796.3	3.4417	222.19	594.5494	3.2635
271.98	647.7	3.9467	197.24	799.0968	2.88	234.8	791.1	3.4539	222.2	586.9251	3.2648
272.59	642.5	3.9562	197.25	803.1244	2.8787	234.95	796.2	3.4552	222.22	579.4474	3.2662
272.72	647.6	3.9575	197.26	807.0746	2.88	235.05	801.2	3.4579	222.23	571.9697	3.2648
273.06	652.7	3.9629	197.27	811.1022	2.88	235.98	800.4	3.4714	222.25	564.492	3.2662
273.53	647.5	3.9683	197.28	815.0524	2.8827	236.73	795.2	3.4849	222.26	557.0143	3.2648
273.98	649.5	3.9764	197.29	819.0026	2.8814	236.77	790.1	3.4863	222.28	549.39	3.2675
274.46	644.4	3.9832	197.3	822.9527	2.8841	236.8	785	3.4863	222.29	541.9123	3.2662
274.8	649.4	3.9872	197.55	818.9251	2.8895	236.83	779.9	3.4849	222.3	534.4346	3.2675
275.98	648.7	4.0048	197.98	818.3829	2.8949	236.85	774.8	3.4863	222.32	526.957	3.2689
276.48	643.5	4.0129	198.87	814.2778	2.9111	236.88	769.7	3.4849	222.33	519.4793	3.2675
276.79	648.6	4.0169	198.9	810.2502	2.9111	236.92	764.6	3.4863	222.34	511.855	3.2675
277.98	647.4	4.0345	198.93	806.3	2.9138	236.96	759.5	3.4836	222.36	504.3773	3.2662
278.54	642.3	4.0426	198.96	802.3499	2.9124	237	764.6	3.4836	222.46	512.0016	3.2581
278.71	647.4	4.0426	198.98	798.3222	2.9138	237.02	769.7	3.4836	222.47	519.4793	3.2581
279.21	652.4	4.0507	199	794.3721	2.9151	237.03	774.8	3.4849	222.48	526.957	3.2594
279.98	650.3	4.0642	199.01	790.3444	2.9151	237.05	779.9	3.4836	222.49	534.4346	3.2567
280.49	645.2	4.0709	199.03	786.3943	2.9151	237.06	785	3.4836	222.49	542.0589	3.2567
280.58	640.1	4.0723	199.05	782.3666	2.9165	237.07	790.1	3.4836	222.5	549.5366	3.2567
280.72	645.1	4.0736	199.06	778.4165	2.9165	237.09	795.2	3.4836	222.51	557.0143	3.2567
280.75	650.2	4.0723	199.07	774.4663	2.9165	237.1	800.3	3.4849	222.52	564.492	3.254
280.77	655.3	4.0736	199.09	770.5161	2.9138	237.11	805.4	3.4849	222.52	571.9697	3.2554
281.38	650.1	4.0844	199.12	766.4885	2.9165	237.14	810.5	3.4876	222.53	579.4474	3.2581
281.58	645.1	4.0858	199.14	762.5383	2.9138	237.36	805.4	3.4903	222.54	587.0717	3.2554
281.67	650.1	4.0871	199.26	766.4885	2.9124	237.98	804.3	3.4998	222.54	594.5494	3.2567
281.98	650.4	4.0925	199.28	770.4387	2.9138	238.72	799.1	3.5119	222.55	602.0271	3.2567
282.53	645.3	4.1006	199.31	774.4663	2.9111	238.95	804.2	3.5133	222.56	609.5047	3.2581
282.75	650.4	4.102	199.32	778.4165	2.9111	239.98	803.4	3.5295	222.57	616.9824	3.2621
283.33	645.2	4.1128	199.33	782.4441	2.9124	240.74	798.2	3.5403	222.58	624.4601	3.2648
283.5	650.3	4.1141	199.35	786.3943	2.9111	240.94	803.3	3.5416	222.74	616.9824	3.2702
283.64	645.2	4.1168	199.36	790.3444	2.9124	241.1	808.3	3.5457	223.98	620.7946	3.2851
283.73	650.3	4.1168	199.36	794.3721	2.9111	241.16	803.2	3.5457	224.16	613.3169	3.2945
283.98	648.9	4.1195	199.37	798.3997	2.9084	241.98	803.5	3.5578	224.18	605.8392	3.2945
284.89	654.2	4.1344	199.38	802.3499	2.9084	242.79	798.2	3.5727	224.2	598.3615	3.2918
285.54	649.1	4.1438	199.38	806.3	2.9111	242.96	803.4	3.5713	224.22	590.7372	3.2932
285.96	654.1	4.1492	199.39	810.3277	2.9084	243	808.4	3.5713	224.24	583.2595	3.2945
285.98	653.8	4.1492	199.4	814.2778	2.9111	243.98	807.3	3.5889	224.26	575.7818	3.2945

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
286.46	648.6	4.1587	199.4	818.228	2.9138	244.75	802.1	3.5983	224.28	568.3042	3.2945
286.56	643.6	4.16	199.41	822.1782	2.9151	244.98	807.2	3.5997	224.3	560.8265	3.2959
286.71	648.6	4.1587	199.43	826.1284	2.9151	245.17	812.3	3.6037	224.32	553.3488	3.2945
286.76	653.7	4.16	199.63	822.1007	2.9219	245.38	807.1	3.6078	224.34	545.7245	3.2972
287.98	652.9	4.1789	199.98	821.8684	2.9246	245.98	810.5	3.6145	224.36	538.2468	3.2972
288.52	647.7	4.1884	200.47	817.7633	2.934	246.05	805.3	3.6186	224.38	530.7691	3.2972
288.72	652.8	4.1897	200.88	813.7357	2.9408	246.24	810.4	3.6199	224.4	523.2914	3.2959
288.81	657.9	4.1897	200.91	809.7855	2.9408	246.72	805.3	3.6267	224.44	515.8137	3.2959
289.44	652.7	4.1992	200.94	805.8353	2.9408	247	810.3	3.6294	224.47	523.2914	3.2891
289.98	654	4.2086	200.96	801.8077	2.9421	247.67	805.2	3.6402	224.48	530.7691	3.2878
291.95	659.2	4.237	200.98	797.8575	2.9435	247.98	807.2	3.6443	224.49	538.2468	3.2891
291.98	656.9	4.237	201	793.8299	2.9448	248.63	802	3.6537	224.51	545.8711	3.2918
292.47	651.7	4.2464	201.02	789.8797	2.9435	248.95	807	3.6591	224.52	553.3488	3.2878
292.55	646.7	4.2451	201.04	785.8521	2.9435	249.98	804.2	3.6726	224.53	560.8265	3.2878
292.7	651.7	4.2464	201.06	781.9019	2.9448	250.75	799	3.6861	224.54	568.3042	3.2891
292.74	656.8	4.2464	201.07	777.9517	2.9448	250.8	793.9	3.6875	224.55	575.7818	3.2864
293.98	656.7	4.2654	201.09	773.9241	2.9435	250.84	788.8	3.6875	224.55	583.4062	3.2851
294.47	651.6	4.2735	201.13	769.9739	2.9462	250.89	783.7	3.6875	224.56	590.8838	3.2864
294.55	646.5	4.2748	201.24	774.0016	2.9408	250.98	788.8	3.6861	224.57	598.3615	3.2878
294.71	651.6	4.2735	201.26	777.9517	2.9408	251	793.9	3.6861	224.58	605.8392	3.2878
294.76	656.6	4.2762	201.28	781.9019	2.9421	251.02	799	3.6848	224.59	613.3169	3.2864
295.98	655.8	4.2951	201.29	785.9295	2.9394	251.03	804.1	3.6861	224.59	620.7946	3.2891
296.6	650.7	4.3059	201.3	789.8797	2.9408	251.05	809.2	3.6888	224.6	628.2723	3.2918
296.71	655.7	4.3059	201.32	793.9073	2.9381	251.39	804	3.6929	224.63	635.75	3.2945
297.98	656.9	4.3248	201.33	797.8575	2.9381	251.86	809.1	3.7023	224.74	628.2723	3.2972
299.98	656.8	4.3531	201.34	801.8851	2.9367	251.98	806	3.7037	225	620.7946	3.3026
300.51	651.6	4.3626	201.34	805.7579	2.9408	252.72	800.8	3.7145	225.11	628.2723	3.3013
300.59	646.6	4.3626	201.35	809.7855	2.9394	252.83	795.7	3.7158	225.98	628.1257	3.3148
300.7	651.6	4.3612	201.36	813.7357	2.9408	252.92	800.8	3.7145	226.19	620.648	3.3229
300.73	656.7	4.3612	201.37	817.7633	2.9408	252.96	805.9	3.7185	226.2	613.1703	3.3242
300.76	661.7	4.3639	201.38	821.7135	2.9421	253.98	807.1	3.732	226.22	605.546	3.3229
301.75	656.6	4.3788	201.64	817.6084	2.9516	254.7	801.9	3.7428	226.23	598.0683	3.3242
301.98	658.2	4.3815	201.83	813.6582	2.9516	254.78	796.8	3.7442	226.24	590.5906	3.3256
302.48	653.1	4.3909	201.98	813.8906	2.9556	254.85	791.7	3.7455	226.26	583.1129	3.3242
302.77	658.2	4.3923	202.05	809.9404	2.9556	254.94	796.8	3.7442	226.27	575.6352	3.3256
303.98	659.4	4.4112	202.87	805.8353	2.9678	254.97	801.9	3.7442	226.28	568.1575	3.3242
304.48	654.3	4.4193	202.95	801.8851	2.9678	254.99	807	3.7469	226.3	560.6799	3.3242
304.53	649.2	4.4206	203.03	797.8575	2.9705	255.33	801.9	3.7509	226.31	553.0555	3.3256
304.59	644.2	4.4193	203.11	801.8851	2.9678	255.52	806.9	3.7536	226.32	545.5779	3.3256
304.73	649.2	4.4193	203.12	805.8353	2.9691	255.61	801.8	3.7563	226.33	538.1002	3.3242
304.75	654.3	4.4193	203.16	809.7855	2.9691	255.98	798.7	3.7604	226.34	530.6225	3.3256
304.76	659.3	4.4193	203.18	813.7357	2.9705	256.61	793.5	3.7712	226.36	523.1448	3.3229
304.8	664.4	4.422	203.98	813.3484	2.9853	257	798.6	3.7752	226.44	530.6225	3.3202
305.07	659.3	4.426	204.37	809.3982	2.988	257.98	798.8	3.7914	226.47	538.1002	3.3161
305.97	658.8	4.4409	204.95	805.2931	3.0002	258.79	793.6	3.8022	226.48	545.7245	3.3161
306.51	653.7	4.4476	204.99	801.343	2.9988	258.91	788.5	3.8036	226.49	553.2022	3.3161
306.62	648.7	4.4503	205.03	797.3928	2.9988	258.96	793.6	3.8049	226.5	560.6799	3.3161
306.7	653.8	4.4463	205.15	801.343	2.9948	259	798.7	3.8036	226.5	568.1575	3.3134
306.72	658.8	4.4503	205.16	805.2931	2.9975	259.98	800.6	3.8184	226.51	575.6352	3.3175
306.78	663.8	4.4503	205.17	809.3208	2.9988	260.74	795.4	3.8306	226.52	583.1129	3.3148
307.13	658.7	4.4571	205.2	813.2709	3.0002	261	800.5	3.8333	226.52	590.5906	3.3161
307.97	657.6	4.4679	205.98	812.8837	3.0123	261.98	798	3.8468	226.53	598.2149	3.3134
308.22	662.7	4.4719	206.88	808.7786	3.0272	262.78	792.8	3.8603	226.54	605.6926	3.3148
308.43	657.6	4.476	206.93	804.8284	3.0272	262.94	797.9	3.8616	226.54	613.1703	3.3134
308.49	652.5	4.4787	206.96	800.8008	3.0285	262.98	803	3.8616	226.55	620.648	3.3148

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
308.57	647.5	4.4787	206.98	796.8506	3.0299	263.41	797.8	3.8684	226.56	628.1257	3.3188
308.7	652.5	4.4773	207.01	792.9004	3.0299	263.56	802.9	3.8711	226.57	635.6033	3.3188
308.73	657.6	4.4773	207.03	788.8728	3.0299	263.98	800.5	3.8765	226.58	643.081	3.3229
308.98	662.6	4.4841	207.05	784.9226	3.0312	264.74	795.3	3.8886	226.83	635.6033	3.3296
309.23	657.5	4.4881	207.07	780.9725	3.0312	264.83	790.2	3.89	227.98	635.4567	3.3445
309.97	658.8	4.4962	207.09	777.0223	3.0272	264.93	795.3	3.8873	228.13	642.9344	3.3472
310.55	653.7	4.507	207.22	780.9725	3.0272	264.94	800.3	3.8913	228.17	635.4567	3.3499
310.7	658.7	4.5084	207.24	784.9226	3.0258	265.98	797.8	3.9062	228.19	627.979	3.3526
311.97	655.9	4.5259	207.25	788.9503	3.0272	266.7	792.7	3.917	228.2	620.5013	3.3513
312.5	650.8	4.5354	207.26	792.9004	3.0272	266.8	787.6	3.9183	228.22	612.877	3.3526
312.57	645.7	4.5354	207.28	796.8506	3.0258	266.95	792.7	3.9183	228.24	605.3994	3.3526
312.73	650.8	4.5354	207.29	800.8782	3.0258	267.07	797.7	3.921	228.26	597.9217	3.354
312.76	655.8	4.5367	207.29	804.8284	3.0258	267.54	792.6	3.9291	228.27	590.444	3.3526
312.86	660.8	4.5408	207.3	808.7786	3.0272	267.96	787.4	3.9345	228.28	582.9663	3.3526
313.09	655.8	4.5421	207.31	812.7288	3.0272	267.98	787.4	3.9345	228.3	575.4886	3.3553
313.97	655.4	4.5557	207.32	816.7564	3.0285	268.82	782.3	3.9481	228.31	568.0109	3.3526
314.47	650.3	4.5638	207.34	820.7066	3.0299	268.94	787.3	3.9494	228.33	560.3866	3.354
314.52	645.2	4.5651	207.63	816.6015	3.0394	269.01	792.4	3.9494	228.34	552.9089	3.354
314.57	640.2	4.5651	207.98	813.7357	3.0394	269.22	787.3	3.9535	228.36	545.4312	3.354
314.63	635.1	4.5651	208.93	809.5531	3.0583	269.98	784.5	3.9643	228.39	537.9536	3.3526
314.74	640.2	4.5638	208.96	805.603	3.0569	270.74	779.3	3.9764	228.47	545.4312	3.3459
314.76	645.2	4.5638	208.99	801.6528	3.0569	270.99	784.4	3.9778	228.48	553.0555	3.3472
314.77	650.2	4.5651	209.04	797.7026	3.0583	271.98	784.6	3.9926	228.5	560.5332	3.3472
314.79	655.3	4.5638	209.16	801.6528	3.0542	272.22	779.5	3.9967	228.51	568.0109	3.3459
314.81	660.3	4.5665	209.18	805.6804	3.0542	272.86	774.3	4.0048	228.52	575.4886	3.3445
315.95	655.2	4.584	209.19	809.6306	3.0542	272.93	779.4	4.0061	228.53	582.9663	3.3459
315.97	656.5	4.5854	209.2	813.5808	3.0556	273.98	779.3	4.0223	228.53	590.444	3.3459
316.49	651.4	4.5935	209.22	817.5309	3.0583	274.71	774.1	4.0331	228.54	597.9217	3.3432
316.7	656.4	4.5962	209.98	818.4604	3.0704	275.01	779.1	4.0372	228.55	605.546	3.3432
317.97	652.3	4.6137	210.41	814.4328	3.0758	275.98	776.3	4.052	228.56	613.0237	3.3445
318.47	647.2	4.6232	210.62	818.3829	3.0785	276.84	771.1	4.0642	228.56	620.5013	3.3472
318.7	652.2	4.6232	210.86	814.4328	3.0826	276.96	776.2	4.0628	228.57	627.979	3.3445
319.97	651.4	4.6421	210.91	810.4051	3.0853	277.01	781.3	4.0655	228.58	635.4567	3.3459
320.55	646.3	4.6515	210.94	806.455	3.088	277.42	776.2	4.0723	228.59	642.9344	3.3486
320.69	651.3	4.6515	210.96	802.4273	3.0866	277.98	776.8	4.079	228.61	650.4121	3.3513
320.88	656.4	4.6556	210.98	798.4772	3.0866	278.68	771.6	4.0912	228.9	642.9344	3.358
321.23	651.3	4.661	211.01	794.527	3.088	278.75	766.5	4.0925	229.46	635.3101	3.3675
321.97	649.2	4.6718	211.04	790.5768	3.088	278.82	761.4	4.0925	229.69	642.7878	3.3688
323.97	646	4.7015	211.07	786.5492	3.0893	278.95	766.5	4.0925	229.97	635.3101	3.3742
325.97	645.4	4.7298	211.11	782.599	3.0853	278.98	771.6	4.0925	229.98	632.231	3.3742
326.54	640.3	4.7379	211.17	786.6266	3.0839	279.98	769.4	4.1087	230.21	624.7534	3.3783
326.74	645.4	4.7393	211.19	790.5768	3.0866	280.72	764.3	4.1209	230.3	617.2757	3.3796
327.91	640.2	4.7582	211.21	794.527	3.0839	280.99	769.3	4.1236	230.38	609.798	3.3796
327.97	641.2	4.7582	211.22	798.4772	3.0839	281.44	764.2	4.1303	230.47	617.2757	3.3756
328.5	636.1	4.7663	211.23	802.5048	3.0853	281.98	763.8	4.1371	230.48	624.7534	3.3769
328.7	641.1	4.769	211.24	806.455	3.0839	282.72	758.6	4.1492	230.49	632.231	3.3756
329.97	642	4.7879	211.25	810.4051	3.0839	282.99	763.7	4.1519	230.5	639.7087	3.3769
330.31	636.9	4.7919	211.26	814.4328	3.0839	283.98	761.2	4.1681	230.53	647.333	3.3756
331.97	633.8	4.8162	211.27	818.3829	3.0853	284.16	756.1	4.1695	230.78	654.6641	3.385
332.26	628.7	4.8216	211.28	822.3331	3.0866	284.33	761.2	4.1708	230.9	647.1864	3.3877
332.41	623.6	4.8243	211.98	820.8615	3.1001	284.74	756	4.1776	231.22	639.7087	3.3945
332.46	618.6	4.8257	212.35	816.9113	3.1042	285.03	761.1	4.1816	231.23	632.0844	3.3945
332.53	613.6	4.8257	212.91	812.8062	3.1136	285.52	755.9	4.1911	231.25	624.6067	3.3945
332.72	618.6	4.8243	212.98	808.856	3.115	285.98	756.6	4.1965	231.27	617.1291	3.3945
332.74	623.6	4.8257	213.11	812.8062	3.1136	286.76	751.4	4.2073	231.29	609.6514	3.3972

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
333.23	618.5	4.8351	213.15	816.8338	3.1136	286.93	756.5	4.2086	231.3	602.1737	3.3972
333.92	613.4	4.8446	213.18	820.784	3.115	287.84	751.3	4.2235	231.31	594.696	3.3972
333.97	614.4	4.8446	213.91	816.6789	3.1271	287.98	751.9	4.2248	231.33	587.2183	3.3985
334.61	609.3	4.854	213.98	819.3124	3.1285	288.78	746.8	4.2383	231.34	579.7406	3.3985
334.69	614.4	4.8568	214.77	815.2848	3.1393	288.95	751.8	4.2397	231.35	572.1163	3.3985
335.97	614.6	4.8743	214.95	811.2571	3.1433	289.98	750.4	4.2519	231.36	564.6386	3.3985
336.48	609.5	4.8824	215.01	807.307	3.1433	290.84	745.2	4.2681	231.37	557.1609	3.3972
336.69	614.5	4.8838	215.1	811.2571	3.1447	290.93	750.3	4.2681	231.39	549.6833	3.3985
337.97	614.4	4.904	215.14	815.2073	3.142	291.92	745.1	4.2816	231.41	542.2056	3.3958
338.49	609.3	4.9108	215.16	819.1575	3.1447	291.98	746.1	4.2829	231.49	549.6833	3.3904
338.71	614.3	4.9121	215.24	823.1076	3.1474	292.68	740.9	4.2924	231.51	557.1609	3.3891
338.83	619.3	4.9162	215.59	819.08	3.1528	293.01	746	4.2978	231.52	564.7853	3.3891
339.11	614.3	4.9216	215.98	819.8546	3.1568	293.28	740.9	4.3018	231.53	572.2629	3.3918
339.97	612.2	4.9324	216.88	815.7495	3.1717	293.98	740.1	4.3126	231.54	579.7406	3.3904
341.1	617.4	4.9486	216.92	811.7993	3.173	294.41	735	4.3194	231.54	587.2183	3.3877
341.19	612.4	4.9513	216.95	807.8491	3.1744	294.68	729.9	4.3234	231.55	594.696	3.3877
341.97	610.3	4.9621	216.96	803.899	3.173	294.79	724.8	4.3248	231.56	602.1737	3.3877
342.49	605.3	4.9688	216.98	799.8713	3.1744	294.9	729.9	4.3234	231.57	609.6514	3.3891
342.68	610.3	4.9715	217.01	795.9212	3.1744	294.98	734.9	4.3275	231.57	617.1291	3.3891
343.97	610.8	4.9904	217.03	791.971	3.1744	295.98	732.5	4.3423	231.58	624.7534	3.3891
344.47	605.7	4.9985	217.05	787.9434	3.1771	296.79	727.3	4.3545	231.59	632.231	3.3904
344.55	600.7	5.0012	217.07	783.9932	3.1771	296.93	732.4	4.3545	231.59	639.7087	3.3891
344.68	605.7	4.9985	217.13	780.043	3.1744	297.98	733.3	4.3693	231.6	647.1864	3.3891
344.73	610.7	5.0012	217.18	783.9932	3.173	298.74	728.1	4.3815	231.61	654.6641	3.3945
345.97	608.3	5.0188	217.21	788.0208	3.1717	299.98	724.6	4.399	231.63	662.1418	3.3958
346.52	603.2	5.0282	217.23	791.971	3.1717	301.01	729.9	4.4125	231.98	656.1303	3.3999
346.68	608.2	5.0296	217.25	795.9212	3.1717	301.3	724.8	4.4179	232.48	648.506	3.4093
347.97	607.8	5.0485	217.26	799.8713	3.1717	301.97	719.7	4.4274	232.79	655.9837	3.4147
348.47	602.7	5.0566	217.27	803.899	3.1717	301.98	719.7	4.4274	233.17	648.506	3.4215
348.53	597.7	5.0579	217.28	807.8491	3.1717	303.98	720.8	4.4571	233.19	640.8817	3.4228
348.68	602.7	5.0566	217.29	811.7993	3.173	304.71	715.7	4.4665	233.2	633.404	3.4242
348.71	607.7	5.0566	217.3	815.7495	3.1717	304.93	720.7	4.4719	233.22	625.9263	3.4255
349.97	604.9	5.0768	217.31	819.7771	3.1717	305.42	715.6	4.4787	233.24	618.4486	3.4242
350.54	599.8	5.0863	217.32	823.7273	3.173	305.97	713.2	4.4854	233.26	610.971	3.4269
350.69	604.8	5.0876	217.35	827.6	3.1771	306.68	708	4.4976	233.27	603.4933	3.4269
351.97	603.7	5.1052	217.6	823.5724	3.1838	307.04	713.1	4.5003	233.28	596.0156	3.4255
352.56	598.6	5.1146	217.98	821.1713	3.1865	307.81	707.9	4.5138	233.29	588.5379	3.4269
352.74	603.6	5.1173	218.45	817.2211	3.1919	307.97	709.3	4.5138	233.31	581.0602	3.4282
353.36	598.6	5.1268	218.52	821.1713	3.1933	308.85	704.1	4.5286	233.32	573.4359	3.4269
353.97	599.5	5.1349	218.95	817.1437	3.2014	308.92	709.1	4.53	233.33	565.9582	3.4282
354.51	594.5	5.143	219.16	821.0938	3.2014	309.97	705.3	4.5448	233.34	558.4805	3.4269
354.73	599.8	5.1457	219.98	819.08	3.2162	311.97	702.7	4.5732	233.36	551.0028	3.4242
355.97	599.7	5.166	220.65	815.0524	3.2257	312.82	697.6	4.5854	233.4	543.5252	3.4228
356.44	594.6	5.1727	220.76	819.0026	3.227	312.94	702.7	4.5854	233.45	551.1495	3.4174
356.74	599.6	5.1741	220.87	815.0524	3.2297	313.83	697.5	4.6002	233.47	558.6272	3.4188
357.97	595.5	5.193	220.95	811.0248	3.2311	313.94	702.5	4.6002	233.48	566.1048	3.4161
358.5	590.4	5.2024	220.99	807.0746	3.2284	313.97	702.5	4.6002	233.49	573.5825	3.4188
358.54	585.4	5.2024	221.1	811.0248	3.2297	314.69	697.4	4.6137	233.5	581.0602	3.4188
358.6	580.4	5.2038	221.14	815.0524	3.2284	314.98	702.4	4.6151	233.51	588.5379	3.4161
358.71	585.4	5.2011	221.16	819.0026	3.2311	315.97	700.6	4.6299	233.52	596.0156	3.4161
358.74	590.4	5.1997	221.98	816.4466	3.2459	316.33	695.6	4.6353	233.52	603.4933	3.4174
358.76	595.4	5.2011	222.85	812.4189	3.2581	316.5	700.6	4.638	233.53	610.971	3.4161
358.78	600.7	5.2038	222.93	808.4688	3.2594	316.76	695.5	4.6448	233.54	618.5953	3.4147
359.58	595.6	5.2173	223.13	812.4189	3.2581	316.81	690.4	4.6461	233.54	626.073	3.4174
359.97	597.6	5.2213	223.18	816.3691	3.2608	316.89	685.4	4.6434	233.55	633.5506	3.4161

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
360.65	592.6	5.2321	223.65	812.3415	3.2689	316.94	690.5	4.6421	233.56	641.0283	3.4174
360.73	597.6	5.2308	223.98	814.6651	3.2729	316.96	695.5	4.6421	233.56	648.506	3.4188
361.97	596.8	5.2524	224.39	810.6375	3.2797	316.98	700.6	4.6434	233.58	655.9837	3.4201
362.44	591.7	5.2591	224.46	814.5877	3.2797	317.02	705.6	4.6461	233.58	663.4614	3.4242
363.97	591.6	5.2807	224.87	810.56	3.2878	317.07	700.5	4.6475	233.62	670.9391	3.4255
364.49	586.5	5.2888	225.2	814.5102	3.2891	317.71	695.4	4.6556	233.69	663.4614	3.4269
364.68	591.5	5.2902	225.98	814.1229	3.3013	317.97	696.7	4.6596	233.98	663.3148	3.4309
365.85	586.4	5.3077	226.11	810.1728	3.304	318.67	691.6	4.6704	235.17	655.6905	3.4525
365.97	588.7	5.3091	226.19	814.1229	3.3053	318.98	696.6	4.6745	235.19	648.2128	3.4512
367.97	588.2	5.3388	226.55	810.0953	3.3107	319.13	691.6	4.6772	235.22	640.7351	3.4539
368.43	583.2	5.3455	226.68	814.0455	3.3121	319.97	691.1	4.6893	235.24	633.2574	3.4525
368.56	578.1	5.3469	226.88	810.0179	3.3175	320.7	686	4.7001	235.26	625.7797	3.4539
368.63	583.1	5.3469	226.93	806.1451	3.3161	320.78	681	4.7015	235.27	618.302	3.4552
368.77	588.5	5.3509	226.98	802.1175	3.3188	320.92	686	4.7015	235.29	610.8243	3.4566
369.15	583.4	5.3563	227.03	798.1673	3.3175	320.96	691	4.7015	235.3	603.3467	3.4566
369.97	583.7	5.3671	227.13	802.1175	3.3161	321.97	688.2	4.7163	235.31	595.7223	3.4579
370.41	578.6	5.3752	227.15	806.1451	3.3148	322.48	683.2	4.7231	235.33	588.2447	3.4593
370.51	573.6	5.3752	227.16	810.0953	3.3161	322.56	688.2	4.7271	235.33	580.767	3.4566
370.64	579	5.3766	227.18	813.968	3.3202	322.71	683.1	4.7285	235.35	573.2893	3.4552
371.97	577.2	5.3968	227.53	810.0179	3.3256	323.32	688.4	4.7366	235.36	565.8116	3.4539
372.47	572.1	5.4036	227.98	808.6237	3.331	323.5	683.4	4.7393	235.39	558.3339	3.4539
372.7	577.4	5.4063	228.9	804.5186	3.3459	323.84	678.3	4.746	235.47	565.9582	3.4471
373.97	574.3	5.4252	228.97	800.5684	3.3459	323.97	680.3	4.746	235.48	573.4359	3.4485
374.45	569.3	5.4333	229.1	804.5186	3.3459	324.45	675.2	4.7528	235.49	580.9136	3.4458
374.68	574.6	5.436	229.15	808.4688	3.3459	325.97	676.1	4.7757	235.5	588.3913	3.4485
375.97	571.5	5.4522	229.18	812.4189	3.3472	326.54	671	4.7838	235.51	595.869	3.4471
376.45	566.4	5.4603	229.98	811.5669	3.3607	326.74	665.9	4.7865	235.52	603.3467	3.4444
377.97	567.3	5.4833	230.87	807.4619	3.3742	326.93	670.9	4.7879	235.53	610.8243	3.4458
378.43	562.3	5.49	230.93	803.5117	3.3769	327.01	675.9	4.7906	235.54	618.302	3.4471
379.95	557.1	5.513	230.97	799.5615	3.3756	327.22	670.9	4.7933	235.55	625.7797	3.4444
379.97	557.1	5.513	231.03	795.5339	3.3769	327.97	670.5	4.8054	235.55	633.2574	3.4458
380.44	552.1	5.5197	231.13	799.5615	3.3715	328.7	665.4	4.8162	235.56	640.7351	3.4471
380.71	557.4	5.5224	231.14	803.5117	3.3729	328.99	670.4	4.8189	235.57	648.3594	3.4458
381.91	552.3	5.54	231.15	807.4619	3.3742	329.32	665.3	4.8243	235.57	655.8371	3.4485
381.97	555	5.5413	231.17	811.412	3.3756	329.7	660.2	4.8297	235.58	663.3148	3.4498
382.47	549.9	5.5481	231.28	815.3622	3.3769	329.97	662.6	4.8324	235.6	670.7925	3.4512
382.67	555.2	5.5508	231.35	811.3346	3.381	330.68	657.4	4.8446	235.61	678.2701	3.4539
383.23	550.2	5.5602	231.98	810.7924	3.3891	331.03	662.5	4.8486	235.9	670.6458	3.462
383.97	550.1	5.571	232.87	806.6873	3.4026	331.44	657.4	4.8554	235.98	670.206	3.4593
384.48	545.1	5.5778	232.93	802.7371	3.4039	331.87	652.3	4.8608	237.19	662.5817	3.4836
384.53	539.8	5.5791	232.99	798.787	3.4039	331.97	654	4.8622	237.21	655.104	3.4809
384.69	544.8	5.5764	233.11	802.7371	3.4026	332.74	648.8	4.8757	237.23	647.6263	3.4809
384.71	550.1	5.5791	233.13	806.6873	3.4039	332.9	653.9	4.8757	237.25	640.002	3.4836
384.76	555.4	5.5805	233.14	810.6375	3.4053	333.88	648.7	4.8892	237.26	632.5243	3.4822
385.01	550.4	5.5859	233.34	814.5877	3.4093	333.97	650.7	4.8919	237.28	625.0466	3.4849
385.97	546.3	5.5994	233.39	810.56	3.4107	334.66	645.6	4.9013	237.29	617.5689	3.4849
387.97	543.8	5.6277	233.63	806.6099	3.412	335.97	645.2	4.9216	237.31	610.0912	3.4849
388.44	538.8	5.6358	233.98	808.3913	3.4174	336.79	640.1	4.9324	237.32	602.6135	3.4849
388.65	544.1	5.6372	234.85	804.3637	3.4323	336.96	645.1	4.9337	237.33	595.1359	3.4849
389.97	543.3	5.6574	234.89	800.4135	3.4323	337.97	642.3	4.9472	237.34	587.6582	3.4849
390.46	538.3	5.6642	234.93	796.3859	3.4336	338.51	637.2	4.9594	237.35	580.1805	3.4863
390.65	543.6	5.6655	234.97	792.4357	3.435	339.04	642.5	4.9648	237.37	572.7028	3.4836
391.48	538.5	5.679	235	788.4855	3.435	339.18	637.5	4.9661	237.39	565.2251	3.4822
391.97	541.1	5.6858	235.05	784.5354	3.4336	339.97	639.1	4.9783	237.47	572.7028	3.4768
393.97	540.3	5.7155	235.15	788.4855	3.4323	340.67	634	4.9891	237.48	580.1805	3.4755

UCS Test Results, Stage Two

S1-1		28 days	S1-2		28 days	S2-1		28 days	S2-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
394.83	535.2	5.7276	235.16	792.5132	3.4309	341.97	632.9	5.0066	237.49	587.6582	3.4755
395.97	533.1	5.7452	235.18	796.4633	3.4309	342.76	627.8	5.0201	237.5	595.1359	3.4755
396.43	528.1	5.7506	235.18	800.4135	3.4323	342.94	632.8	5.0215	237.51	602.6135	3.4741
396.72	533.4	5.7546	235.19	804.2862	3.435	343.72	627.7	5.0323	237.52	610.0912	3.4741
397.97	531.6	5.7749	235.21	808.2364	3.435	343.97	628	5.0363	237.53	617.5689	3.4768
399.76	526.5	5.7992	235.98	807.0746	3.4485	344.79	622.9	5.0485	237.54	625.1932	3.4755
399.97	526.8	5.8019	236.31	803.1244	3.4512	344.94	627.9	5.0498	237.54	632.6709	3.4728
400.42	521.8	5.81	236.56	807.0746	3.4566	345.35	622.8	5.0566	237.55	640.1486	3.4755
400.54	516.5	5.81	236.87	803.047	3.4606	345.4	627.8	5.0566	237.56	647.6263	3.4755
400.64	521.8	5.81	236.96	799.0968	3.4633	345.58	622.8	5.0593	237.56	655.104	3.4755
400.68	527.1	5.81	237.12	803.047	3.462	345.72	627.8	5.0606	237.57	662.5817	3.4768
401.97	525.4	5.8303	237.15	806.9971	3.4633	345.97	625.4	5.0674	237.58	670.0593	3.4782
402.45	520.3	5.8384	237.98	805.5255	3.4768	346.58	620.4	5.0741	237.59	677.537	3.4795
402.72	525.6	5.8397	238.95	801.4979	3.4917	347.97	618.2	5.0944	237.6	685.0147	3.4809
403.97	523.2	5.86	239.01	797.5477	3.4917	348.22	613.2	5.0984	237.98	680.4695	3.489
405.27	518.1	5.8789	239.13	801.4979	3.4917	348.6	618.5	5.1038	238.7	687.8005	3.4984
405.97	517.7	5.8897	239.14	805.448	3.4917	348.66	613.5	5.1052	238.89	680.3228	3.5038
407.92	512.6	5.918	239.98	805.0608	3.5052	349.07	618.8	5.1092	239.18	672.8451	3.5092
407.97	512.6	5.918	240.15	801.0331	3.5092	349.18	613.7	5.1133	239.2	665.3675	3.5119
408.42	507.6	5.9261	240.59	797.083	3.5146	349.97	614.3	5.1241	239.22	657.7432	3.5133
408.68	512.9	5.9275	240.85	793.0553	3.5187	350.54	609.3	5.1308	239.23	650.2655	3.5133
409.97	511.1	5.9464	240.93	789.1052	3.52	350.57	614.3	5.1322	239.24	642.7878	3.5119
410.44	506.1	5.9558	241.08	793.0553	3.52	350.67	609.2	5.1362	239.26	635.3101	3.5133
410.65	511.4	5.9572	241.12	797.0055	3.52	350.75	604.2	5.1349	239.27	627.8324	3.5146
411.97	509.6	5.9761	241.71	792.9779	3.5308	350.89	609.3	5.1349	239.28	620.3547	3.5133
412.52	504.6	5.9842	241.86	796.9281	3.5308	350.93	614.3	5.1362	239.29	612.877	3.5146
412.65	509.9	5.9842	241.98	795.3015	3.5322	351.97	612.8	5.1538	239.31	605.3994	3.5133
413.97	509.5	6.0044	242.87	791.2739	3.5484	352.72	607.7	5.166	239.31	597.9217	3.5146
414.41	504.4	6.0125	242.93	787.3237	3.5497	352.96	612.7	5.166	239.33	590.444	3.5133
414.48	499.1	6.0125	242.96	783.3736	3.5497	353.97	610.3	5.1808	239.34	582.9663	3.5119
414.65	504.5	6.0112	243.11	787.3237	3.5484	354.7	605.2	5.1916	239.35	575.4886	3.5119
414.69	509.7	6.0139	243.13	791.2739	3.5497	354.97	610.5	5.1957	239.38	568.0109	3.5119
415.97	507.6	6.0341	243.16	795.2241	3.5497	355.97	608.1	5.2105	239.45	575.4886	3.5052
416.43	502.6	6.0422	243.81	791.119	3.5605	356.38	603	5.2173	239.46	582.9663	3.5038
417.97	505.5	6.0611	243.98	792.9779	3.5632	356.73	598	5.2227	239.47	590.444	3.5038
418.41	500.5	6.0706	244.61	788.9503	3.5727	356.89	603	5.2227	239.48	597.9217	3.5038
419.97	498.4	6.0922	244.91	784.9226	3.5767	356.96	608	5.224	239.49	605.3994	3.5065
421.97	496.9	6.1219	245.1	788.8728	3.5794	357.24	603	5.2281	239.49	613.0237	3.5038
423.96	496.1	6.1503	245.98	790.1121	3.5943	357.97	601.6	5.2389	239.5	620.5013	3.5011
424.43	491.1	6.157	246.89	786.007	3.6051	358.67	596.5	5.2497	239.51	627.979	3.5025
424.69	496.4	6.1597	247.13	789.9572	3.6078	359.02	601.8	5.2537	239.51	635.4567	3.5038
425.22	491.4	6.1692	247.98	789.3375	3.6213	359.25	596.8	5.2578	239.52	642.9344	3.5011
425.96	491.3	6.1786	249.22	793.3652	3.6388	359.97	595	5.2686	239.53	650.4121	3.5025
426.44	486.3	6.1867	249.73	789.415	3.647	360.71	589.9	5.2807	239.53	657.8898	3.5025
426.71	491.6	6.1894	249.98	789.8797	3.6483	360.94	594.9	5.2807	239.54	665.3675	3.5038
427.2	486.6	6.1975	250.85	785.8521	3.6618	361.31	589.9	5.2875	239.55	672.8451	3.5052
427.96	484.9	6.207	251.16	789.7248	3.6659	361.48	595.2	5.2902	239.55	680.3228	3.5052
428.42	479.9	6.2151	251.98	789.6474	3.678	361.55	590.2	5.2929	239.56	687.8005	3.5092
429.13	485.1	6.2245	252.19	785.6972	3.6834	361.97	592.8	5.2969	239.58	695.2782	3.5119
429.32	479.8	6.2286	252.26	789.6474	3.6834	362.33	587.8	5.3023	239.98	695.2782	3.5173
429.96	481.4	6.238	252.59	785.6197	3.6888	362.68	582.8	5.3091	240.05	687.6539	3.52
431.96	480.3	6.2664	252.87	781.5921	3.6942	362.72	577.7	5.3104	240.11	680.1762	3.5214
433.96	478.5	6.2947	252.93	777.7194	3.6942	362.75	572.7	5.3104	240.26	687.6539	3.5227
434.42	473.1	6.3015	252.99	773.7692	3.6942	362.78	567.7	5.3104	240.42	695.1316	3.5254
434.47	467.8	6.3042	253.08	777.7194	3.6929	362.81	562.7	5.3104	240.53	687.6539	3.5295

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
434.63	473.1	6.3028
434.67	478.4	6.3028
435.96	478.3	6.3231
437.96	476.5	6.3528
438.46	471.2	6.3609
438.56	476.5	6.3609
439.96	476.4	6.3811
441.96	475.2	6.4109
443.96	472.4	6.4392
444.68	474.4	6.45

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
253.11	781.6696	3.6929
253.13	785.6197	3.6929
253.16	789.4924	3.6956
253.55	785.5423	3.7023
253.98	786.007	3.7077
254.75	781.9794	3.7199
254.95	777.9517	3.7239
255.01	774.0016	3.7226
255.12	777.9517	3.7212
255.14	781.9019	3.7226
255.98	779.7332	3.7374
256.77	775.6281	3.7482
256.99	771.6779	3.7509
257.06	775.6281	3.7523
257.16	779.5783	3.7536
257.81	775.5507	3.7644
257.88	779.5008	3.7658
257.93	775.5507	3.7658
257.98	774.2339	3.7658
258.1	778.1067	3.7671
258.63	774.1565	3.7752
258.7	778.0292	3.7766
258.85	774.079	3.7793
259.13	778.0292	3.7806
259.98	777.0997	3.7941
260.81	773.0721	3.809
261.01	769.1219	3.8103
261.1	773.0721	3.813
261.17	777.0223	3.813
261.57	772.9947	3.8211
261.98	774.5438	3.8238
262.05	770.5936	3.8265
263.98	771.1358	3.8535
264.84	767.1081	3.867
264.93	763.158	3.867
265.02	767.1081	3.8684
265.16	770.9809	3.8684
265.17	775.1634	3.8724
265.17	779.3459	3.8738
265.2	775.3958	3.8765
265.2	771.4456	3.8765
265.21	767.5729	3.8751
265.22	763.6227	3.8778
265.23	759.6725	3.8778
265.24	755.7223	3.8765
265.24	751.7722	3.8778
265.25	747.822	3.8792
265.26	743.8718	3.8778
265.26	739.9991	3.8765
265.27	735.9715	3.8792
265.28	732.0213	3.8805
265.29	728.1486	3.8778
265.29	724.1984	3.8778
265.3	720.0159	3.8792
265.31	716.0657	3.8778

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
362.84	557.7	5.3118
362.91	552.7	5.3118
362.98	557.7	5.3104
363.01	562.7	5.3091
363.03	567.7	5.3104
363.04	572.7	5.3091
363.06	577.7	5.3104
363.07	582.8	5.3077
363.09	588.1	5.3104
363.1	593.1	5.3118
363.12	598.1	5.3131
363.33	593.1	5.3158
363.52	588	5.3199
363.97	587.3	5.3266
364.78	582.2	5.3388
364.91	587.2	5.3388
365.31	582.2	5.3469
365.46	587.2	5.3469
365.97	587.5	5.355
366.69	582.4	5.3671
367.01	587.7	5.3698
367.29	582.7	5.3739
367.97	580.3	5.3847
368.68	575.2	5.3955
369.97	574.8	5.413
370.66	569.7	5.4252
370.72	564.4	5.4238
370.89	569.7	5.4238
370.93	575	5.4252
371.44	570	5.436
371.97	569.6	5.4427
372.66	564.5	5.4535
372.93	569.8	5.4549
373.26	564.8	5.4616
373.97	565.1	5.4711
374.28	560	5.4765
374.78	555	5.4819
374.79	549.7	5.4819
374.87	554.7	5.4792
374.88	560	5.4819
374.94	565.3	5.4846
375.08	560.3	5.4887
375.78	555.2	5.4981
375.97	556.9	5.5008
376.48	551.9	5.5076
376.74	546.8	5.5116
376.83	551.8	5.5116
376.88	557.2	5.5143
377.38	552.1	5.5211
377.97	551.4	5.5292
378.05	546.4	5.5305
378.81	541.3	5.5413
378.96	546.6	5.544
379.4	541.6	5.5508
379.97	541.6	5.5589

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
240.68	695.1316	3.5268
241.17	687.6539	3.5376
241.19	680.0296	3.5403
241.2	672.5519	3.5403
241.21	665.0742	3.5416
241.23	657.5965	3.543
241.24	650.1188	3.543
241.25	642.6412	3.5443
241.26	635.1635	3.543
241.27	627.6858	3.5443
241.29	620.2081	3.543
241.3	612.7304	3.5443
241.31	605.2527	3.5443
241.32	597.775	3.543
241.33	590.2974	3.5416
241.35	582.8197	3.5416
241.45	590.2974	3.5349
241.46	597.775	3.5349
241.48	605.2527	3.5322
241.49	612.7304	3.5322
241.49	620.2081	3.5322
241.5	627.6858	3.5322
241.51	635.3101	3.5295
241.52	642.7878	3.5322
241.52	650.2655	3.5335
241.53	657.7432	3.5308
241.54	665.2208	3.5322
241.54	672.6985	3.5322
241.55	680.1762	3.5335
241.56	687.6539	3.5349
241.57	695.1316	3.5362
241.57	702.6093	3.5389
241.6	709.9403	3.5403
241.84	702.4627	3.547
241.91	694.985	3.5457
241.98	697.4775	3.5497
242.82	704.9552	3.5592
242.83	712.2863	3.5646
242.84	704.8086	3.5646
242.85	697.3309	3.5646
242.87	689.8532	3.5659
242.88	682.3755	3.5659
242.89	674.8978	3.5659
242.9	667.4202	3.5659
242.92	659.9425	3.5673
242.93	652.4648	3.5673
242.94	644.9871	3.5686
242.95	637.5094	3.5673
242.96	630.0317	3.5686
242.97	622.554	3.5673
242.98	615.0764	3.5673
242.99	607.5987	3.5673
243.01	600.121	3.5646
243.02	592.6433	3.5632
243.37	600.121	3.5659

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
265.32	712.1155	3.8778
265.32	708.1654	3.8778
265.33	704.2152	3.8792
265.34	700.3425	3.8778
265.35	696.3923	3.8778
265.36	692.4421	3.8778
265.38	688.4919	3.8738
265.42	684.5418	3.8751
265.51	688.5694	3.8711
265.53	692.4421	3.8724
265.55	696.3923	3.8724
265.56	700.3425	3.8711
265.58	704.2926	3.8724
265.59	708.2428	3.8711
265.6	712.193	3.8724
265.61	716.0657	3.8738
265.61	720.0159	3.8711
265.62	723.966	3.8697
265.63	727.9162	3.8697
265.64	731.8664	3.8711
265.64	735.8166	3.8711
265.65	739.7667	3.8684
265.66	743.7169	3.8711
265.66	747.6671	3.8697
265.67	751.5398	3.8711
265.67	755.49	3.8697
265.68	759.4401	3.8684
265.69	763.3903	3.8738
265.69	767.3405	3.8724
265.7	771.2132	3.8738
265.71	775.1634	3.8738
265.73	779.1136	3.8765
265.91	775.0859	3.8819
265.98	773.3045	3.8819
266.1	769.2769	3.8859
266.16	765.3267	3.8859
266.25	769.3543	3.8846
266.46	765.3267	3.8886
266.86	761.3765	3.8954
266.94	757.4263	3.8954
267.03	761.3765	3.8967
267.25	765.2492	3.8994
267.7	761.2216	3.9075
267.98	761.9961	3.9102
268.51	757.9685	3.9197
268.88	754.0183	3.9237
269	750.0682	3.9251
269.06	754.0183	3.9237
269.1	757.9685	3.9251
269.98	756.0322	3.9399
270.82	752.0045	3.9521
271.07	755.8772	3.9548
271.98	752.3918	3.9697
272.57	756.2645	3.9764
272.82	752.2369	3.9818

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
380.64	536.5	5.5697
380.72	531.2	5.5697
380.89	536.5	5.5697
380.93	541.8	5.5724
381.12	536.8	5.5751
381.97	535.1	5.5872
382.64	530	5.598
382.68	525	5.5994
382.76	519.7	5.5994
382.89	524.7	5.598
382.92	530	5.598
382.95	535.3	5.6007
383.64	530.3	5.6115
383.97	530.9	5.6156
384.64	525.9	5.6277
384.97	531.2	5.6318
385.22	526.1	5.6358
385.97	525.1	5.6439
386.6	520	5.6547
387.07	525.3	5.6615
387.46	520.3	5.6655
387.97	521.3	5.6736
388.64	516.2	5.6831
388.93	521.5	5.6885
389.16	516.5	5.6925
389.97	515.1	5.7033
390.62	510.1	5.7141
390.67	504.8	5.7128
390.77	499.4	5.7141
390.88	504.8	5.7141
390.91	510.1	5.7128
390.93	515.4	5.7141
391.39	510.4	5.7236
391.97	510.3	5.7317
392.13	505.3	5.7344
393.63	500.2	5.756
393.97	497.5	5.7627
394.63	492.5	5.7722
394.67	487.2	5.7722
394.71	481.8	5.7722
394.92	487.2	5.7708
394.94	492.5	5.7708
394.96	497.8	5.7722
395.03	503.1	5.7762
395.09	497.8	5.7776
395.41	492.7	5.783
395.85	487.7	5.7898
395.97	484.1	5.7898
396.63	479	5.8019
396.67	473.7	5.8019
396.75	468.4	5.8033
396.91	473.7	5.8006
396.93	479	5.8006
396.95	484.3	5.8033
397.49	479.3	5.8127

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
243.39	607.5987	3.5632
243.4	615.0764	3.5646
243.42	622.554	3.5659
243.43	630.0317	3.5592
243.44	637.5094	3.5619
243.45	644.9871	3.5578
243.45	652.4648	3.5578
243.46	659.9425	3.5592
243.46	667.4202	3.5592
243.47	674.8978	3.5592
243.48	682.3755	3.5605
243.48	689.8532	3.5605
243.49	697.3309	3.5605
243.49	704.8086	3.5619
243.5	712.2863	3.5659
243.52	719.764	3.5659
243.8	712.2863	3.574
243.98	706.7147	3.5781
245.17	699.0904	3.5956
245.18	691.6127	3.597
245.2	684.135	3.5983
245.21	676.6573	3.5997
245.23	669.1796	3.5983
245.25	661.7019	3.5997
245.25	654.2242	3.601
245.27	646.7466	3.601
245.27	639.2689	3.6037
245.28	631.7912	3.6037
245.29	624.3135	3.6024
245.3	616.8358	3.601
245.31	609.3581	3.601
245.33	601.8804	3.5997
245.34	594.4028	3.5983
245.42	601.8804	3.597
245.45	609.3581	3.5916
245.46	616.8358	3.5916
245.47	624.3135	3.5916
245.48	631.7912	3.5902
245.49	639.2689	3.5916
245.5	646.7466	3.5916
245.5	654.3709	3.5902
245.51	661.8486	3.5902
245.52	669.1796	3.5916
245.52	676.8039	3.5902
245.53	684.2816	3.5902
245.54	691.6127	3.5929
245.54	699.237	3.5902
245.55	706.7147	3.5916
245.56	714.0457	3.5956
245.57	721.5234	3.5997
245.98	715.0721	3.6064
246.88	722.4031	3.6172
247.09	714.9255	3.624
247.17	707.4478	3.6253
247.2	699.9701	3.6267

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
273.13	756.1871	3.9859
273.72	752.1594	3.994
273.83	756.1096	3.9953
273.98	752.3918	3.998
274.92	748.3642	4.0115
275.1	752.3143	4.0129
275.83	748.2867	4.025
275.92	752.1594	4.0264
275.98	750.8427	4.0264
276.9	746.8151	4.0412
277.11	750.7653	4.0426
277.82	746.7376	4.052
277.98	747.7445	4.0547
278.83	743.7169	4.0696
278.93	739.7667	4.0696
279.02	743.7169	4.0709
279.11	747.6671	4.0709
279.98	744.8787	4.0858
280.21	740.9286	4.0885
280.3	744.8787	4.0885
280.87	740.8511	4.0979
280.93	736.9009	4.0993
281.06	740.8511	4.0979
281.12	744.8013	4.0993
281.98	744.9562	4.1141
282.09	741.006	4.1155
282.14	744.9562	4.1155
283.18	748.9838	4.1303
283.31	745.0336	4.133
283.52	741.0835	4.1357
283.58	745.0336	4.1357
283.98	743.7169	4.1411
284.71	739.6893	4.1546
284.95	735.7391	4.1573
285.08	739.6118	4.156
285.14	743.562	4.1587
285.46	739.5344	4.1654
285.51	743.4845	4.1654
285.59	739.5344	4.1654
285.98	741.858	4.1708
286.27	737.9078	4.1776
286.94	733.9577	4.1857
287.09	737.8304	4.1857
287.98	735.3518	4.2005
288.14	739.302	4.2019
288.35	735.3518	4.2073
288.92	731.3242	4.214
289.07	735.2744	4.2167
289.94	731.2468	4.2275
289.98	732.5635	4.2289
290.18	728.5359	4.2343
290.34	732.486	4.2343
290.82	728.5359	4.241
291.12	732.4086	4.2451
291.66	728.3809	4.2546

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
397.97	477.6	5.8181
398.67	472.6	5.8289
398.94	477.9	5.833
399.23	472.9	5.837
399.97	472.8	5.8465
400.64	467.8	5.8586
400.88	473.1	5.86
401.97	468.4	5.8762
402.58	463.3	5.887
403.02	468.6	5.8924
403.1	463.3	5.8937
403.5	458.3	5.9005
403.61	463.6	5.9005
403.97	460.2	5.9059
404.64	455.2	5.918
404.68	449.9	5.918
404.71	444.6	5.9194
404.74	439.3	5.9194
404.76	434	5.9207
404.8	428.6	5.9207
404.82	423.3	5.9221
404.85	418	5.9207
404.88	412.7	5.9221
404.93	407.4	5.9221
405	402.1	5.9221
405.15	407.4	5.9207
405.17	412.7	5.9221
405.2	418	5.9207
405.22	423.3	5.9207
405.24	428.6	5.9207
405.25	434	5.9194
405.26	439.3	5.918
405.27	444.6	5.918
405.28	449.9	5.9167
405.29	455.2	5.9167
405.3	460.5	5.918
405.31	465.8	5.9194
405.32	471.1	5.9234
405.45	465.8	5.9275
405.54	460.4	5.9315
405.74	455.1	5.9329
405.97	451.8	5.9342
406.68	446.8	5.9464
406.83	452.1	5.9464
407.96	447	5.9639
407.97	448.7	5.9639
408.61	443.6	5.9747
408.69	438.3	5.9761
408.74	433	5.9747
408.9	438.3	5.9747
408.92	443.6	5.9747
408.94	448.9	5.9761
409.35	443.9	5.9842
409.97	443.6	5.9936
410.61	438.5	6.0031

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
247.23	692.4924	3.628
247.25	685.0147	3.6267
247.27	677.537	3.628
247.3	670.0593	3.628
247.31	662.5817	3.6294
247.33	655.104	3.6294
247.35	647.6263	3.6294
247.37	640.1486	3.6294
247.39	632.6709	3.6294
247.44	625.1932	3.6294
247.49	632.6709	3.6226
247.52	640.1486	3.6253
247.53	647.6263	3.624
247.55	655.104	3.624
247.57	662.5817	3.6226
247.58	670.0593	3.6226
247.59	677.537	3.6213
247.6	685.0147	3.6226
247.61	692.4924	3.6213
247.62	699.9701	3.6226
247.63	707.4478	3.6226
247.64	714.9255	3.624
247.65	722.4031	3.6267
247.66	729.7342	3.628
247.72	737.2119	3.6294
247.79	729.7342	3.6307
247.98	730.7606	3.6361
248.06	723.2829	3.6361
249.02	730.6139	3.6497
249.11	723.1363	3.6497
249.18	715.6586	3.6551
249.2	708.1809	3.6551
249.22	700.7032	3.6551
249.25	693.2255	3.6551
249.27	685.7478	3.6578
249.29	678.2701	3.6591
249.3	670.7925	3.6578
249.31	663.3148	3.6591
249.33	655.8371	3.6591
249.34	648.3594	3.6591
249.35	640.8817	3.6591
249.37	633.404	3.6591
249.38	625.9263	3.6591
249.39	618.4486	3.6591
249.48	625.9263	3.6524
249.49	633.404	3.6537
249.51	640.8817	3.651
249.52	648.3594	3.651
249.53	655.8371	3.6497
249.54	663.3148	3.6483
249.55	670.7925	3.651
249.56	678.2701	3.6497
249.56	685.7478	3.6497
249.57	693.2255	3.6483
249.58	700.7032	3.651

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
291.77	732.3311	4.2546
291.98	730.782	4.2573
292.91	726.6769	4.2721
293.13	730.6271	4.2735
293.76	726.5995	4.2856
293.98	728.9231	4.287
294.81	724.8955	4.3018
294.9	721.0228	4.3018
295.05	724.8955	4.3018
295.89	720.8679	4.3153
295.98	719.3188	4.3153
296.83	715.2912	4.3288
296.95	711.341	4.3302
297.05	715.2912	4.3302
297.2	719.1639	4.3342
297.28	715.2137	4.3356
297.98	713.897	4.345
298.83	709.8693	4.3599
298.93	705.9192	4.3599
299.06	709.7919	4.3612
299.16	713.7421	4.3612
299.27	709.7919	4.3639
299.98	707.6232	4.3734
300.37	703.673	4.3815
300.44	707.6232	4.3801
301.03	703.5955	4.3896
301.1	707.5457	4.3896
301.98	706.1515	4.4017
302.8	702.1239	4.4166
303.2	705.9966	4.4206
303.28	702.0465	4.422
303.41	705.9966	4.4233
303.76	702.0465	4.4301
303.98	703.5181	4.4328
304.88	699.5679	4.4463
304.98	695.6177	4.4476
305.05	699.5679	4.4463
305.13	703.4406	4.449
305.97	702.0465	4.4611
307.97	700.4974	4.4908
308.8	696.5472	4.503
309.12	700.4199	4.5057
309.86	696.3923	4.5178
309.97	697.1668	4.5178
310.82	693.1392	4.5327
311.14	697.0119	4.5367
311.56	693.0618	4.5448
311.97	694.8432	4.5489
312.86	690.893	4.5611
312.93	686.9429	4.5638
313.02	683.0701	4.5638
313.08	686.9429	4.5611
313.1	690.893	4.5624
313.97	689.189	4.5773
314.65	685.2389	4.5867

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
410.67	433.2	6.0031
410.73	427.9	6.0044
410.87	433.2	6.0044
410.9	438.5	6.0031
410.92	443.8	6.0058
411.83	438.8	6.0206
411.97	441.1	6.022
412.5	436.1	6.0301
412.67	430.8	6.0328
412.84	436.1	6.0341
412.91	441.4	6.0355
413.09	436.1	6.0395
413.97	432	6.0503
414.65	427	6.0611
414.86	432.3	6.0652
415.97	431.9	6.0787
416.62	426.9	6.0909
416.67	421.6	6.0922
416.71	416.3	6.0936
416.74	411	6.0936
416.78	405.7	6.0936
416.83	400.4	6.0936
416.96	405.7	6.0922
416.99	411	6.0895
417.01	416.3	6.0922
417.02	421.6	6.0882
417.03	426.9	6.0922
417.05	432.2	6.0922
417.09	437.4	6.0949
417.17	432.1	6.0976
417.31	426.8	6.099
417.67	421.5	6.1057
417.97	421.8	6.1084
418.62	416.8	6.1192
418.89	422.1	6.1206
419.88	417.1	6.1368
419.97	417.7	6.1381
420.68	412.7	6.1489
420.85	418	6.1503
421.92	412.9	6.1678
421.97	414.3	6.1678
422.64	409.3	6.18
422.68	404	6.1786
422.73	398.7	6.18
422.76	393.4	6.18
422.82	388.1	6.18
422.93	393.4	6.1786
422.97	398.7	6.1786
422.98	404	6.1759
423	409.3	6.1786
423.01	414.5	6.1786
423.03	419.8	6.1813
423.16	414.5	6.184
423.4	409.2	6.1881
423.96	408.9	6.1948

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
249.58	708.1809	3.6524
249.59	715.6586	3.651
249.6	723.1363	3.651
249.61	730.6139	3.6537
249.62	738.0916	3.6564
249.98	733.5464	3.6618
251.16	725.9221	3.6834
251.18	718.4444	3.6848
251.2	710.9667	3.6848
251.22	703.489	3.6848
251.24	696.0113	3.6875
251.25	688.5336	3.6861
251.27	681.0559	3.6861
251.28	673.5783	3.6875
251.29	666.1006	3.6888
251.31	658.6229	3.6902
251.31	651.1452	3.6888
251.32	643.6675	3.6888
251.34	636.1898	3.6888
251.35	628.7121	3.6875
251.37	621.2345	3.6875
251.4	613.7568	3.6821
251.44	621.2345	3.6807
251.45	628.7121	3.6794
251.47	636.1898	3.6794
251.48	643.6675	3.6807
251.49	651.1452	3.6794
251.5	658.6229	3.6794
251.51	666.1006	3.6794
251.52	673.5783	3.6753
251.52	681.0559	3.678
251.53	688.5336	3.678
251.54	696.0113	3.6767
251.54	703.489	3.678
251.55	710.9667	3.678
251.56	718.4444	3.6794
251.56	725.9221	3.6794
251.57	733.3997	3.6807
251.58	740.8774	3.6834
251.6	748.3551	3.6848
251.91	740.7308	3.6915
251.98	741.3173	3.6929
252.35	733.693	3.6983
252.5	741.1707	3.6996
253.17	733.693	3.7118
253.18	726.2153	3.7118
253.21	718.7376	3.7118
253.23	711.2599	3.7131
253.25	703.7822	3.7172
253.26	696.3046	3.7158
253.27	688.8269	3.7172
253.29	681.3492	3.7158
253.3	673.8715	3.7172
253.31	666.3938	3.7172
253.32	658.9161	3.7172

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
314.71	689.1116	4.5881
314.83	685.1614	4.5908
315.11	689.1116	4.5921
315.89	685.0839	4.6056
315.97	687.1752	4.6056
316.73	683.1476	4.6178
316.97	679.1974	4.6218
317.04	683.1476	4.6205
317.26	679.1974	4.6259
317.47	675.2472	4.6286
317.75	671.3745	4.6313
317.97	671.2971	4.6353
318.39	667.3469	4.6421
318.99	663.3967	4.6502
319.05	667.2694	4.6502
319.23	671.2196	4.6542
319.8	667.192	4.6623
319.97	667.5018	4.6637
320.66	663.4742	4.6745
320.94	659.524	4.6785
321.05	663.4742	4.6799
321.21	667.3469	4.6812
321.6	663.3967	4.6893
321.73	667.2694	4.6907
321.93	663.3193	4.6934
321.97	662.5447	4.6934
322.36	666.4174	4.6974
322.8	662.4673	4.7055
323.11	666.34	4.7096
323.75	662.3898	4.719
323.97	662.932	4.7217
324.92	658.9044	4.7379
325.02	654.9542	4.7379
325.05	658.9044	4.7379
325.11	662.7771	4.7366
325.68	658.8269	4.7474
325.97	659.8338	4.7514
326.63	655.8836	4.7609
326.94	651.9335	4.7663
327.1	655.8062	4.7663
327.97	654.412	4.7811
328.15	650.4618	4.7838
328.86	646.5117	4.7946
329.05	650.3844	4.796
329.97	648.5255	4.8108
330.95	644.4979	4.823
331.97	642.5615	4.8392
332.61	638.6113	4.8473
332.65	642.5615	4.8473
332.85	638.6113	4.8513
333.1	642.484	4.854
333.29	638.5339	4.8581
333.65	634.6612	4.8622
333.97	632.0277	4.8676
334.92	628.0001	4.8811

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
424.36	403.5	6.2016
424.57	408.8	6.2056
424.66	403.5	6.207
424.89	408.8	6.2083
425.64	403.8	6.2205
425.96	404.8	6.2245
426.61	399.7	6.2353
426.65	394.4	6.2367
426.7	389.2	6.2353
426.88	394.5	6.234
426.9	399.7	6.2353
426.92	405	6.2367
427.3	400	6.2461
427.76	394.7	6.2502
427.96	395.4	6.2542
428.6	390	6.2637
428.65	384.7	6.265
428.72	379.5	6.265
428.77	374.2	6.2677
428.9	379.5	6.265
428.93	384.7	6.2637
428.94	390	6.2637
428.96	395.3	6.2664
429.54	390.3	6.2772
429.96	389.6	6.2826
430.62	384.3	6.292
430.91	389.6	6.2961
431.88	384.5	6.3109
431.96	385.2	6.3109
432.72	380.2	6.3231
432.89	385.5	6.3244
433.96	385.4	6.3406
434.61	380.1	6.3514
434.93	385.4	6.3541
435.15	380.1	6.3582
435.96	378.7	6.3703
436.64	373.4	6.3798
437.96	372	6.3987
438.64	366.7	6.4095
438.71	361.4	6.4122
438.89	366.7	6.4082
438.91	371.9	6.4095
438.94	377.2	6.4109
439.27	371.9	6.4176
439.96	371.9	6.4284
440.59	366.5	6.4392
440.67	361.3	6.4392
440.88	366.5	6.4365
440.9	371.8	6.4406
441.67	366.8	6.4527
441.96	368.1	6.4554
442.62	362.8	6.4676
442.9	368.1	6.4703
443.34	362.8	6.4757
443.96	364	6.4865

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
253.34	651.4384	3.7172
253.35	643.9608	3.7158
253.36	636.4831	3.7158
253.38	629.0054	3.7158
253.46	636.4831	3.7104
253.47	643.9608	3.7077
253.49	651.4384	3.7091
253.49	658.9161	3.7077
253.5	666.3938	3.7077
253.51	673.8715	3.7064
253.52	681.3492	3.705
253.53	689.4134	3.7064
253.54	696.891	3.7077
253.54	704.3687	3.705
253.55	711.6998	3.7077
253.56	719.1775	3.7077
253.56	726.6552	3.7064
253.57	734.1329	3.7091
253.58	741.6105	3.7118
253.59	749.0882	3.7131
253.6	756.5659	3.7131
253.8	749.0882	3.7185
253.98	748.0619	3.7226
255.16	740.4376	3.7415
255.18	732.9599	3.7428
255.2	725.4822	3.7415
255.23	718.0045	3.7442
255.25	710.5268	3.7442
255.27	703.0491	3.7442
255.28	695.5715	3.7442
255.29	688.0938	3.7469
255.31	680.6161	3.7455
255.32	673.1384	3.7455
255.33	665.6607	3.7469
255.34	658.183	3.7455
255.35	650.7053	3.7482
255.37	643.2276	3.7442
255.39	635.8966	3.7415
255.46	643.3743	3.7388
255.47	650.852	3.7388
255.49	658.183	3.7401
255.5	665.8073	3.7361
255.51	673.1384	3.7374
255.51	680.6161	3.7388
255.52	688.0938	3.7347
255.53	695.5715	3.7361
255.54	703.0491	3.7361
255.55	710.5268	3.7361
255.55	718.0045	3.7361
255.56	725.4822	3.7361
255.57	732.9599	3.7388
255.57	740.4376	3.7388
255.58	747.9153	3.7388
255.59	755.3929	3.7401
255.61	762.724	3.7442

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
335.04	631.8728	4.8824
335.13	635.823	4.8824
335.25	631.8728	4.8851
335.65	627.9226	4.8919
335.69	631.8728	4.8905
335.97	631.0208	4.8959
336.31	627.0706	4.9013
336.36	631.0208	4.9
336.91	627.0706	4.9108
337.24	630.9433	4.9135
337.67	626.9932	4.9202
337.97	629.2393	4.9256
338.91	625.2892	4.9405
339.1	629.1619	4.9418
339.82	625.2117	4.9526
339.97	626.2186	4.954
340.84	622.2685	4.9675
340.9	618.3183	4.9688
341.02	622.2685	4.9675
341.06	626.1412	4.9688
341.74	622.191	4.9796
341.97	623.6626	4.9823
342.95	619.7125	4.9985
343.1	623.5852	4.9985
343.97	622.4234	5.0134
344.95	618.4732	5.0269
345.04	622.3459	5.0282
345.75	618.3957	5.0377
345.97	619.7125	5.0404
346.81	615.6848	5.0539
346.91	611.8121	5.0552
347.03	615.6848	5.0552
347.97	616.3819	5.0714
348.9	612.3543	5.0849
349.09	616.3045	5.0863
349.97	612.2768	5.0984
349.97	612.5867	5.0984
350.83	608.559	5.1119
351.11	612.7416	5.116
351.97	610.8052	5.1268
352.44	606.855	5.1349
352.98	602.9823	5.1416
353.06	606.855	5.1416
353.56	602.9049	5.1511
353.97	603.3696	5.1565
354.84	599.4194	5.1714
355.11	603.2921	5.1727
355.87	599.342	5.1849
355.97	600.039	5.1876
356.06	600.891	5.1862

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
444.65	358.7	6.4959
444.85	361	6.4973

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
255.82	755.2463	3.7496
255.98	758.7652	3.7482
256.15	751.2875	3.7536
256.34	758.7652	3.7536
256.46	751.1409	3.759
256.69	758.6186	3.759
257.16	751.1409	3.7712
257.18	743.6632	3.7739
257.2	736.1856	3.7698
257.22	728.7079	3.7725
257.24	721.2302	3.7725
257.25	713.7525	3.7739
257.26	706.2748	3.7752
257.28	698.7971	3.7739
257.29	691.3194	3.7739
257.3	683.8417	3.7752
257.32	676.3641	3.7752
257.33	669.033	3.7739
257.34	661.5553	3.7739
257.36	654.0776	3.7739
257.38	646.5999	3.7712
257.45	654.0776	3.7685
257.47	661.5553	3.7671
257.48	669.033	3.7658
257.49	676.5107	3.7644
257.5	683.9884	3.7644
257.51	691.4661	3.7658
257.51	698.9437	3.7658
257.52	706.2748	3.7671
257.53	713.8991	3.7631
257.54	721.2302	3.7644
257.54	728.7079	3.7644
257.55	736.1856	3.7644
257.56	743.6632	3.7658
257.56	751.1409	3.7698
257.57	758.6186	3.7658
257.58	766.0963	3.7685
257.6	773.4274	3.7725
257.95	765.9497	3.7793
257.98	767.4159	3.7793
259.16	759.7916	3.7982
259.19	752.3139	3.7995
259.22	744.9828	3.7995
259.25	737.5051	3.8022
259.26	730.0275	3.8022
259.28	722.5498	3.8009
259.3	715.0721	3.8022
259.31	707.5944	3.8036
259.32	700.1167	3.8049
259.34	692.639	3.8022
259.35	685.1613	3.8049
259.37	677.6837	3.8036
259.38	670.206	3.8022
259.4	662.8749	3.8009
259.48	670.3526	3.7968

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
259.5	677.8303	3.7968
259.51	685.308	3.7968
259.52	692.639	3.7955
259.53	700.1167	3.7941
259.54	707.5944	3.7968
259.55	715.0721	3.7955
259.56	722.5498	3.7968
259.57	730.0275	3.7941
259.58	737.5051	3.7968
259.59	744.9828	3.7941
259.59	752.4605	3.7941
259.6	759.9382	3.7968
259.61	767.8558	3.7968
259.62	775.1868	3.8022
259.98	773.7206	3.809
260.2	766.2429	3.8117
260.38	773.7206	3.8144
260.65	766.0963	3.8184
260.71	773.574	3.8184
261.07	766.0963	3.8238
261.18	758.6186	3.8292
261.21	751.1409	3.8292
261.23	743.6632	3.8292
261.25	736.1856	3.8279
261.27	728.7079	3.8306
261.29	721.3768	3.8306
261.3	713.8991	3.8319
261.31	706.4214	3.8319
261.33	698.9437	3.8306
261.34	691.4661	3.8333
261.36	683.9884	3.8319
261.37	676.5107	3.8319
261.39	669.033	3.8292
261.49	676.5107	3.8265
261.51	683.9884	3.8265
261.52	691.4661	3.8252
261.53	698.9437	3.8238
261.54	706.4214	3.8238
261.55	713.8991	3.8252
261.56	721.3768	3.8225
261.57	728.8545	3.8238
261.58	736.3322	3.8238
261.58	743.8099	3.8225
261.59	751.1409	3.8238
261.6	758.6186	3.8225
261.6	766.0963	3.8252
261.61	773.574	3.8265
261.62	781.0517	3.8292
261.64	788.3827	3.8292
261.91	780.905	3.8373
261.98	775.9199	3.8346
262.03	783.3976	3.8387
262.78	775.9199	3.8481
262.93	783.251	3.8522
263.14	775.7733	3.8576

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
263.16	768.2956	3.8576
263.18	760.8179	3.8589
263.2	753.3402	3.8589
263.21	746.0092	3.8589
263.23	738.5315	3.8589
263.25	731.0538	3.863
263.26	723.5761	3.8643
263.27	716.0984	3.863
263.28	708.1809	3.863
263.29	700.7032	3.8643
263.3	693.2255	3.863
263.31	685.7478	3.8616
263.32	678.2701	3.8616
263.33	670.9391	3.8589
263.36	663.4614	3.8589
263.44	670.9391	3.8549
263.45	678.4168	3.8535
263.46	685.7478	3.8535
263.47	693.2255	3.8508
263.48	700.7032	3.8508
263.49	708.1809	3.8508
263.5	715.6586	3.8495
263.5	723.1363	3.8522
263.51	730.6139	3.8495
263.52	738.0916	3.8495
263.52	745.5693	3.8508
263.53	752.9004	3.8508
263.53	760.3781	3.8522
263.54	767.8558	3.8522
263.55	775.3334	3.8549
263.56	782.8111	3.8562
263.57	790.1422	3.8576
263.98	789.7023	3.867
264.06	782.2246	3.8684
264.37	789.5557	3.8697
265.17	782.078	3.8873
265.19	774.6003	3.8859
265.23	767.1226	3.8873
265.25	759.645	3.8873
265.28	752.1673	3.8886
265.31	744.6896	3.8886
265.33	737.2119	3.8886
265.35	729.7342	3.89
265.37	722.4031	3.89
265.38	714.9255	3.8873
265.42	707.4478	3.89
265.44	699.9701	3.8886
265.49	707.4478	3.8859
265.52	714.9255	3.8859
265.54	722.4031	3.8846
265.56	729.8808	3.8846
265.57	737.3585	3.8832
265.59	744.6896	3.8832
265.6	752.1673	3.8846
265.61	759.645	3.8832

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
265.62	767.1226	3.8832
265.63	774.6003	3.8846
265.64	782.078	3.8832
265.65	789.5557	3.8846
265.66	796.8868	3.8873
265.67	804.3645	3.8927
265.87	796.8868	3.894
265.98	798.7928	3.894
266.19	791.3152	3.8994
266.38	798.7928	3.8994
266.55	791.3152	3.9035
267.17	783.8375	3.9143
267.2	776.3598	3.9156
267.23	768.8821	3.917
267.26	761.4044	3.9143
267.28	753.9267	3.9183
267.31	746.449	3.9183
267.33	738.9714	3.9183
267.35	731.6403	3.9197
267.37	724.1626	3.9197
267.39	716.6849	3.917
267.42	709.2072	3.9197
267.5	716.6849	3.9143
267.52	724.1626	3.9156
267.54	731.6403	3.9143
267.56	739.118	3.9129
267.57	746.449	3.9143
267.58	753.9267	3.9129
267.59	761.4044	3.9116
267.61	768.8821	3.9116
267.61	776.3598	3.9129
267.63	783.8375	3.9129
267.64	791.1685	3.9156
267.65	798.6462	3.9156
267.67	806.1239	3.917
267.98	806.5638	3.9237
268.03	799.0861	3.9251
268.12	791.6084	3.9278
268.19	799.0861	3.9251
269.14	791.4618	3.944
269.17	783.9841	3.9426
269.2	776.5064	3.9453
269.23	769.1753	3.9453
269.25	761.6977	3.9467
269.26	754.22	3.9453
269.28	746.7423	3.9467
269.3	739.2646	3.9467
269.31	731.7869	3.9481
269.32	724.4558	3.9494
269.34	716.9782	3.9494
269.36	709.5005	3.9481
269.37	702.0228	3.9467
269.4	694.6917	3.9453
269.45	702.0228	3.9426
269.46	709.5005	3.9426

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
269.48	716.9782	3.9413
269.49	724.4558	3.9413
269.5	731.9335	3.9413
269.51	739.4112	3.9399
269.52	746.7423	3.9399
269.53	754.22	3.9413
269.53	761.6977	3.9399
269.54	769.1753	3.9386
269.55	776.653	3.9386
269.56	783.9841	3.9413
269.56	791.4618	3.9399
269.57	798.9395	3.9399
269.58	806.4172	3.944
269.6	813.8948	3.9453
269.8	806.2705	3.9508
269.98	804.3645	3.9548
270.01	796.8868	3.9548
270.19	804.3645	3.9548
271.16	796.7401	3.9724
271.19	789.2625	3.9737
271.22	781.7848	3.9737
271.25	774.3071	3.9751
271.27	766.976	3.9751
271.28	759.4983	3.9764
271.3	752.0207	3.9791
271.31	744.543	3.9778
271.32	737.0653	3.9778
271.34	729.5876	3.9778
271.35	722.2565	3.9778
271.36	714.7788	3.9764
271.37	707.3012	3.9778
271.38	699.8235	3.9737
271.42	692.3458	3.9751
271.46	699.9701	3.9697
271.47	707.3012	3.971
271.49	714.7788	3.9697
271.5	722.2565	3.9697
271.51	729.7342	3.9683
271.52	737.2119	3.9683
271.53	744.543	3.9683
271.54	752.0207	3.9683
271.55	759.4983	3.9697
271.55	766.976	3.967
271.56	774.4537	3.9697
271.57	781.7848	3.9683
271.58	789.2625	3.9697
271.58	796.7401	3.971
271.59	804.2178	3.9724
271.61	811.5489	3.9751
271.63	819.0266	3.9764
271.71	811.5489	3.9791
271.98	813.455	3.9845
272.22	805.9773	3.9872
273.26	798.4996	4.0021
273.31	791.0219	4.0021

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
273.42	798.4996	3.998
273.43	805.9773	4.0007
273.46	813.3084	4.0021
273.98	814.7746	4.0102
275.07	822.5455	4.0264
275.13	815.0678	4.0318
275.15	807.5901	4.0331
275.17	800.2591	4.0318
275.2	792.7814	4.0304
275.22	785.3037	4.0358
275.24	777.826	4.0358
275.25	770.3483	4.0345
275.27	762.8706	4.0358
275.28	755.5396	4.0345
275.29	748.0619	4.0358
275.3	740.5842	4.0372
275.32	733.1065	4.0358
275.33	725.7754	4.0358
275.34	718.2978	4.0345
275.35	710.8201	4.0358
275.45	718.2978	4.0277
275.47	725.7754	4.0277
275.48	733.2531	4.0277
275.49	740.7308	4.025
275.5	748.0619	4.025
275.51	755.5396	4.0264
275.51	763.0172	4.025
275.52	770.4949	4.025
275.53	777.9726	4.025
275.53	785.3037	4.0237
275.54	792.7814	4.025
275.55	800.2591	4.0264
275.55	807.7367	4.0277
275.56	815.0678	4.0291
275.57	822.5455	4.0291
275.58	830.0232	4.0318
275.84	822.3989	4.0399
275.98	822.9854	4.0412
277.18	815.3611	4.0574
277.28	807.8834	4.0601
277.41	815.3611	4.0574
277.43	822.8387	4.0574
277.45	830.1698	4.0601
277.92	822.6921	4.0696
277.98	825.1847	4.0696
278.21	832.6624	4.0709
278.52	825.0381	4.0777
278.58	817.707	4.0777
278.66	825.1847	4.0763
278.69	832.5157	4.0777
279.15	825.0381	4.0885
279.22	817.5604	4.0871
279.27	810.0827	4.0885
279.3	802.7516	4.0898
279.34	795.2739	4.0912

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
279.44	802.7516	4.0858
279.45	810.2293	4.0858
279.46	817.5604	4.0871
279.48	825.0381	4.0871
279.49	832.5157	4.0871
279.51	839.8468	4.0885
279.85	832.3691	4.0979
279.98	833.8353	4.0993
281.09	841.6063	4.1141
281.13	834.2752	4.1155
281.15	826.7975	4.1168
281.18	819.3198	4.1182
281.21	811.8421	4.1195
281.24	804.3645	4.1209
281.26	797.0334	4.1195
281.28	789.5557	4.1209
281.3	782.078	4.1209
281.32	774.6003	4.1222
281.34	767.2693	4.1222
281.35	759.7916	4.1222
281.37	752.3139	4.1222
281.4	744.8362	4.1222
281.42	737.5051	4.1195
281.47	744.9828	4.1182
281.49	752.3139	4.1182
281.52	759.7916	4.1168
281.53	767.2693	4.1168
281.55	774.747	4.1168
281.56	782.078	4.1155
281.57	789.5557	4.1141
281.57	797.0334	4.1141
281.58	804.5111	4.1155
281.59	811.8421	4.1128
281.6	819.3198	4.1141
281.61	827.2374	4.1155
281.62	834.7151	4.1182
281.63	842.0461	4.1182
281.64	849.5238	4.1209
281.69	857.0015	4.1222
281.88	849.5238	4.1249
281.98	844.5387	4.1276
283.15	836.9144	4.1479
283.17	829.4367	4.1479
283.2	822.1056	4.1465
283.23	814.6279	4.1506
283.24	807.1503	4.1492
283.26	799.6726	4.1506
283.28	792.3415	4.1492
283.29	784.8638	4.1506
283.31	777.3861	4.1492
283.33	769.9085	4.1506
283.35	762.5774	4.1506
283.36	755.0997	4.1492
283.39	747.622	4.1506
283.46	755.0997	4.1452

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
283.48	762.5774	4.1452
283.49	770.0551	4.1452
283.51	777.3861	4.1452
283.52	784.8638	4.1438
283.53	792.3415	4.1438
283.54	799.8192	4.1452
283.55	807.1503	4.1438
283.56	814.6279	4.1411
283.56	822.1056	4.1425
283.57	829.4367	4.1438
283.58	836.9144	4.1438
283.59	844.3921	4.1479
283.6	851.7231	4.1492
283.69	859.2008	4.1519
283.88	851.7231	4.156
283.98	851.1367	4.156
284.13	843.8056	4.1573
284.32	851.1367	4.16
284.97	843.659	4.1722
285.15	836.1813	4.1762
285.17	828.7036	4.1762
285.23	821.2259	4.1776
285.26	813.8948	4.1762
285.29	806.4172	4.1776
285.31	798.9395	4.1776
285.33	791.6084	4.1789
285.35	784.1307	4.1789
285.38	776.653	4.1803
285.4	769.322	4.1762
285.46	776.653	4.1762
285.49	784.1307	4.1749
285.5	791.6084	4.1749
285.52	799.0861	4.1722
285.53	806.4172	4.1722
285.54	813.8948	4.1722
285.55	821.3725	4.1722
285.56	828.7036	4.1708
285.57	836.1813	4.1722
285.58	843.659	4.1749
285.59	850.99	4.1749
285.6	858.4677	4.1776
285.64	865.7988	4.1803
285.7	858.4677	4.183
285.98	852.8961	4.1857
287.12	845.2718	4.2046
287.15	837.9407	4.2046
287.18	830.463	4.2032
287.21	822.9854	4.2059
287.24	815.6543	4.2059
287.27	808.1766	4.2059
287.29	800.6989	4.2073
287.31	793.2212	4.2086
287.33	785.8902	4.2073
287.36	778.4125	4.2073
287.41	770.9348	4.2073

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
287.47	778.4125	4.2046
287.49	785.8902	4.2032
287.51	793.3679	4.2032
287.52	800.6989	4.2019
287.54	808.1766	4.2032
287.55	815.6543	4.2019
287.56	822.9854	4.2032
287.57	830.463	4.2019
287.58	837.9407	4.2005
287.58	845.4184	4.2005
287.59	852.7495	4.2032
287.6	860.2272	4.2046
287.62	867.5582	4.2073
287.66	875.0359	4.2113
287.7	867.5582	4.2127
287.75	860.0806	4.2113
287.98	857.1481	4.2127
289.14	849.5238	4.2329
289.17	842.0461	4.2329
289.21	834.7151	4.2343
289.23	827.2374	4.2356
289.25	819.7597	4.2356
289.27	812.4286	4.237
289.29	804.9509	4.237
289.31	797.4733	4.2383
289.32	789.9956	4.237
289.34	782.6645	4.237
289.35	775.1868	4.2383
289.37	767.7091	4.237
289.4	760.3781	4.2383
289.48	767.8558	4.2329
289.5	775.1868	4.2329
289.52	782.6645	4.2329
289.53	790.1422	4.2316
289.54	797.4733	4.2316
289.56	804.9509	4.2302
289.56	812.4286	4.2302
289.57	819.7597	4.2316
289.58	827.2374	4.2316
289.59	834.7151	4.2316
289.6	842.1928	4.2302
289.61	849.5238	4.2343
289.62	857.0015	4.2329
289.64	864.3326	4.237
289.66	871.8103	4.2383
289.83	864.3326	4.241
289.98	861.4001	4.2424
291.14	853.7758	4.264
291.18	846.2981	4.2613
291.22	838.8205	4.264
291.25	831.4894	4.2627
291.29	824.0117	4.264
291.31	816.534	4.2654
291.35	809.203	4.2654
291.41	801.7253	4.2667

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
291.47	809.203	4.2627
291.49	816.534	4.2627
291.5	824.0117	4.2613
291.52	831.4894	4.2613
291.53	838.8205	4.26
291.54	846.2981	4.2586
291.55	853.7758	4.2613
291.57	861.1069	4.2613
291.58	868.5846	4.2654
291.98	870.4907	4.2735
292.07	863.013	4.2748
293.15	855.3887	4.291
293.18	848.0576	4.2924
293.21	840.5799	4.2951
293.23	833.1022	4.2937
293.25	825.7712	4.2937
293.28	818.2935	4.2924
293.29	810.8158	4.2951
293.31	803.4847	4.2964
293.33	796.007	4.2951
293.35	788.5294	4.2951
293.36	781.1983	4.2951
293.4	773.7206	4.2964
293.5	781.1983	4.291
293.53	788.676	4.291
293.55	796.007	4.2924
293.56	803.4847	4.291
293.57	810.9624	4.2883
293.59	818.2935	4.2897
293.6	825.7712	4.2897
293.61	833.2489	4.2897
293.61	840.5799	4.287
293.62	848.0576	4.2883
293.63	855.3887	4.291
293.64	862.8664	4.291
293.65	870.344	4.2924
293.67	877.6751	4.2964
293.8	870.1974	4.2991
293.98	867.7049	4.3005
294.72	860.2272	4.3113
294.8	867.5582	4.314
295.15	860.0806	4.3207
295.19	852.7495	4.3207
295.22	845.2718	4.3234
295.23	837.7941	4.3221
295.26	830.463	4.3234
295.27	822.9854	4.3234
295.29	815.5077	4.3248
295.3	808.1766	4.3248
295.32	800.6989	4.3261
295.33	793.3679	4.3248
295.34	785.8902	4.3234
295.36	778.4125	4.3261
295.4	771.0814	4.3234
295.49	778.4125	4.3207

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
295.51	785.8902	4.3207
295.53	793.3679	4.318
295.54	800.6989	4.3194
295.55	808.1766	4.3167
295.56	815.6543	4.3153
295.57	822.9854	4.318
295.58	830.463	4.3167
295.59	837.9407	4.3167
295.6	845.2718	4.318
295.6	852.7495	4.3167
295.61	860.2272	4.318
295.62	867.5582	4.3194
295.63	875.0359	4.3207
295.64	882.367	4.3234
295.95	874.8893	4.3315
295.98	871.9569	4.3315
297.15	864.3326	4.3491
297.18	856.8549	4.3491
297.21	849.5238	4.3518
297.23	842.0461	4.3504
297.25	834.5684	4.3531
297.27	827.2374	4.3531
297.28	819.7597	4.3531
297.3	812.282	4.3531
297.31	804.9509	4.3531
297.32	797.4733	4.3558
297.34	790.1422	4.3545
297.35	782.6645	4.3531
297.36	774.747	4.3531
297.36	767.4159	4.3518
297.36	759.9382	4.3491
297.42	767.4159	4.345
297.43	774.8936	4.345
297.44	782.2246	4.3437
297.45	789.7023	4.345
297.46	797.0334	4.3437
297.47	804.5111	4.345
297.48	811.9888	4.3437
297.48	819.3198	4.3423
297.49	826.7975	4.345
297.5	834.1286	4.3437
297.5	841.6063	4.3437
297.51	849.084	4.345
297.52	856.415	4.3437
297.52	863.8927	4.345
297.53	871.2238	4.3477
297.54	878.7015	4.3504
297.56	886.0325	4.3504
297.98	881.4873	4.3585
299.13	874.0096	4.3774
299.17	866.5319	4.3788
299.22	859.0542	4.3788
299.25	851.7231	4.3801
299.27	844.2455	4.3801
299.3	836.9144	4.3788

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
299.34	829.4367	4.3801
299.4	821.959	4.3815
299.45	829.4367	4.3788
299.48	836.9144	4.3774
299.5	844.2455	4.3774
299.51	851.7231	4.3761
299.53	859.2008	4.3761
299.54	866.5319	4.3774
299.55	874.0096	4.3761
299.56	881.3406	4.3774
299.58	888.8183	4.3801
299.98	886.1791	4.3882
301.12	878.5548	4.4085
301.14	871.2238	4.4098
301.16	863.7461	4.4085
301.18	856.415	4.4085
301.21	848.9373	4.4112
301.22	841.4596	4.4112
301.24	834.1286	4.4098
301.25	826.6509	4.4112
301.27	819.3198	4.4125
301.28	811.8421	4.4125
301.29	804.3645	4.4125
301.3	797.0334	4.4112
301.31	789.5557	4.4112
301.33	782.2246	4.4112
301.35	774.747	4.4071
301.42	782.2246	4.4058
301.44	789.7023	4.4044
301.45	797.0334	4.4031
301.46	804.5111	4.4044
301.48	811.8421	4.4058
301.49	819.3198	4.4044
301.49	826.7975	4.4044
301.5	834.1286	4.4017
301.51	841.6063	4.4017
301.52	848.9373	4.4031
301.52	856.415	4.4031
301.53	863.8927	4.4017
301.54	871.2238	4.4031
301.55	878.7015	4.4058
301.55	886.0325	4.4044
301.56	893.5102	4.4071
301.58	900.8413	4.4098
301.79	893.3636	4.4166
301.98	890.4312	4.4179
303.15	882.8069	4.4355
303.42	890.2845	4.4355
303.98	893.0703	4.4463
305.15	885.446	4.4638
305.19	878.115	4.4665
305.21	870.6373	4.4665
305.25	863.3062	4.4679
305.27	855.8285	4.4679
305.31	848.4975	4.4665

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
305.34	841.0198	4.4679
305.47	848.4975	4.4638
305.49	855.8285	4.4638
305.51	863.3062	4.4625
305.52	870.6373	4.4652
305.54	878.115	4.4638
305.54	885.5927	4.4625
305.56	892.9237	4.4638
305.57	900.2548	4.4652
305.58	907.7325	4.4679
305.97	902.7473	4.4746
306.47	895.2697	4.4814
307.15	887.6454	4.4949
307.19	880.3143	4.4962
307.22	872.8366	4.4949
307.24	865.5055	4.4962
307.27	858.0279	4.4962
307.29	850.6968	4.4976
307.31	843.2191	4.4976
307.33	835.888	4.4976
307.35	828.4103	4.4949
307.39	821.0793	4.4976
307.51	828.4103	4.4949
307.54	835.888	4.4949
307.56	843.2191	4.4949
307.57	850.6968	4.4935
307.59	858.0279	4.4922
307.6	865.5055	4.4922
307.61	872.9832	4.4922
307.62	880.3143	4.4922
307.63	887.792	4.4922
307.64	895.123	4.4922
307.65	902.4541	4.4962
307.66	909.9318	4.4976
307.97	904.9467	4.503
308.69	897.3224	4.5165
309.15	889.9913	4.5205
309.21	882.5136	4.5246
309.23	875.0359	4.5246
309.26	867.7049	4.5259
309.29	860.2272	4.5259
309.31	852.8961	4.5259
309.34	845.4184	4.5259
309.39	838.0874	4.5259
309.46	845.4184	4.5232
309.49	852.8961	4.5219
309.51	860.2272	4.5246
309.52	867.7049	4.5219
309.54	875.1825	4.5219
309.55	882.5136	4.5232
309.56	889.9913	4.5205
309.57	897.3224	4.5246
309.58	904.6534	4.5232
309.6	912.1311	4.5259
309.97	908.0257	4.534

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
310.43	900.6947	4.5394
311.14	893.0703	4.5529
311.17	885.7393	4.5543
311.19	878.2616	4.5529
311.21	870.7839	4.557
311.22	863.4528	4.5543
311.23	856.1218	4.5557
311.25	848.6441	4.5543
311.27	841.313	4.5557
311.28	833.8353	4.557
311.29	826.3577	4.557
311.31	819.0266	4.557
311.32	811.6955	4.5557
311.34	804.2178	4.5557
311.39	796.8868	4.5543
311.45	804.2178	4.5516
311.47	811.6955	4.5502
311.48	819.0266	4.5516
311.5	826.5043	4.5502
311.51	833.8353	4.5502
311.52	841.313	4.5502
311.53	848.6441	4.5502
311.54	856.1218	4.5489
311.55	863.4528	4.5475
311.56	870.9305	4.5489
311.57	878.2616	4.5489
311.57	885.7393	4.5489
311.58	893.0703	4.5502
311.59	900.548	4.5502
311.6	907.8791	4.5543
311.62	915.3568	4.5543
311.64	922.6878	4.557
311.71	915.2102	4.5584
311.97	909.7852	4.5638
312.57	902.3075	4.5719
313.17	894.8298	4.58
313.25	887.3521	4.5813
313.31	880.021	4.5827
313.37	887.3521	4.5813
313.4	894.8298	4.5786
313.41	902.1609	4.5813
313.43	909.6386	4.5827
313.97	905.0933	4.5908
315.2	897.469	4.611
315.26	890.1379	4.611
315.41	897.469	4.607
315.42	904.9467	4.6083
315.44	912.2777	4.6097
315.97	911.6912	4.6191
317.12	904.0669	4.638
317.15	896.7359	4.6394
317.21	889.2582	4.6407
317.24	881.9271	4.6394
317.28	874.4494	4.6407
317.31	867.1184	4.6421

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
317.34	859.7873	4.6407
317.46	867.1184	4.638
317.48	874.5961	4.638
317.5	881.9271	4.6394
317.51	889.4048	4.6367
317.52	896.7359	4.6367
317.54	904.0669	4.6407
317.55	911.5446	4.6394
317.57	918.8757	4.6407
317.9	911.398	4.6475
317.97	910.9581	4.6488
318.43	903.4805	4.6556
319.12	896.0028	4.6664
319.17	888.5251	4.6677
319.23	881.194	4.6704
319.26	873.7163	4.6704
319.29	866.3853	4.6691
319.33	858.9076	4.6704
319.44	866.3853	4.6677
319.46	873.7163	4.6664
319.47	881.194	4.6664
319.49	888.5251	4.665
319.5	896.0028	4.6664
319.51	903.3338	4.6691
319.56	910.6649	4.6718
319.71	903.3338	4.6731
319.97	904.6534	4.6785
320.42	897.3224	4.6866
320.48	889.8447	4.6853
320.59	897.3224	4.6866
321.12	889.6981	4.6961
321.2	882.367	4.6988
321.24	875.0359	4.6988
321.28	867.5582	4.6974
321.4	875.0359	4.6947
321.42	882.367	4.6934
321.43	889.8447	4.6934
321.44	897.1757	4.6961
321.46	904.5068	4.6988
321.94	897.0291	4.7082
321.97	892.1906	4.7069
322.07	899.5217	4.7069
323.13	891.8974	4.7244
323.2	884.5663	4.7271
323.24	877.2352	4.7271
323.3	869.7576	4.7285
323.34	862.4265	4.7285
323.37	854.9488	4.7258
323.43	862.4265	4.7258
323.45	869.7576	4.7258
323.47	877.2352	4.7258
323.49	884.5663	4.7231
323.51	891.8974	4.7258
323.52	899.3751	4.7271
323.54	906.7061	4.7298

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
323.97	901.2811	4.7352
325.12	893.6568	4.7541
325.18	886.3258	4.7555
325.22	878.8481	4.7555
325.28	871.517	4.7555
325.36	864.0393	4.7568
325.4	871.517	4.7528
325.42	878.8481	4.7528
325.43	886.3258	4.7514
325.45	893.6568	4.7541
325.46	900.9879	4.7541
325.48	908.4656	4.7555
325.97	904.9467	4.7649
326.16	897.469	4.7676
326.25	904.8	4.7676
326.86	897.3224	4.7784
327.16	889.9913	4.7838
327.21	882.5136	4.7852
327.25	875.1825	4.7865
327.27	867.7049	4.7852
327.32	860.3738	4.7865
327.34	853.0427	4.7865
327.47	860.3738	4.7838
327.49	867.8515	4.7825
327.51	875.1825	4.7811
327.52	882.5136	4.7825
327.54	889.9913	4.7825
327.55	897.3224	4.7838
327.56	904.6534	4.7852
327.59	911.9845	4.7879
327.97	909.0521	4.7946
328.6	901.5744	4.8041
329.14	894.0967	4.8122
329.17	886.7656	4.8135
329.2	879.2879	4.8149
329.22	871.9569	4.8162
329.25	864.6258	4.8135
329.27	857.1481	4.8135
329.29	849.8171	4.8176
329.33	842.3394	4.8162
329.39	835.0083	4.8149
329.45	842.3394	4.8122
329.48	849.8171	4.8135
329.5	857.1481	4.8122
329.52	864.6258	4.8108
329.53	871.9569	4.8122
329.54	879.2879	4.8108
329.55	886.7656	4.8108
329.56	894.0967	4.8108
329.57	901.4278	4.8108
329.58	908.9054	4.8122
329.59	916.2365	4.8149
329.62	923.5676	4.8176
329.79	916.2365	4.8216
329.88	908.7588	4.8216

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
329.97	913.1575	4.8216
330.17	905.8264	4.8243
331.12	898.2021	4.8405
331.16	890.871	4.8419
331.2	883.54	4.8432
331.23	876.0623	4.8432
331.27	868.7312	4.8432
331.31	861.2535	4.8446
331.45	868.7312	4.8405
331.47	876.0623	4.8405
331.49	883.54	4.8405
331.5	890.871	4.8392
331.52	898.2021	4.8419
331.53	905.6798	4.8419
331.54	913.0108	4.8432
331.97	911.9845	4.85
332.55	904.5068	4.8622
333.14	897.0291	4.8703
333.19	889.5514	4.8716
333.21	882.2204	4.873
333.23	874.8893	4.873
333.25	867.4116	4.873
333.26	860.0806	4.8743
333.28	852.7495	4.8743
333.3	845.2718	4.8743
333.31	837.9407	4.8757
333.33	830.6097	4.8757
333.34	823.132	4.8743
333.38	815.8009	4.8743
333.46	823.132	4.873
333.49	830.6097	4.8716
333.51	837.9407	4.8703
333.53	845.2718	4.8703
333.54	852.7495	4.8703
333.55	860.0806	4.8689
333.56	867.5582	4.8676
333.57	874.8893	4.8689
333.58	882.2204	4.8676
333.59	889.6981	4.8676
333.6	897.0291	4.8689
333.61	904.3602	4.8703
333.62	911.6912	4.8716
333.63	919.1689	4.873
333.65	926.5	4.8743
333.76	919.0223	4.877
333.97	914.6237	4.8797
334.35	907.146	4.8878
335.15	899.6683	4.8986
335.23	892.3372	4.9
335.38	899.6683	4.8973
335.4	906.9994	4.9
335.43	914.4771	4.9
335.77	906.9994	4.9067
335.87	899.5217	4.9094
335.94	906.9994	4.9094

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
335.97	905.973	4.9094
337.13	898.3487	4.9283
337.15	891.0176	4.9297
337.17	883.6866	4.931
337.2	876.3555	4.9297
337.22	868.8778	4.9324
337.24	861.5468	4.931
337.26	854.2157	4.931
337.28	846.738	4.9324
337.3	839.4069	4.931
337.32	832.0759	4.9337
337.33	824.5982	4.9324
337.37	817.2671	4.9337
337.48	824.5982	4.9297
337.5	832.0759	4.9283
337.52	839.4069	4.9297
337.54	846.738	4.9297
337.56	854.2157	4.927
337.57	861.5468	4.927
337.58	868.8778	4.927
337.59	876.3555	4.9256
337.6	883.6866	4.927
337.61	891.0176	4.927
337.61	898.3487	4.9283
337.62	905.8264	4.9283
337.64	913.1575	4.9297
337.65	920.4885	4.9324
337.8	913.0108	4.9378
337.97	910.0784	4.9391
338.64	902.6007	4.9472
338.84	910.0784	4.9499
339.12	902.6007	4.9567
339.19	895.2697	4.958
339.22	887.792	4.958
339.26	880.4609	4.9594
339.29	873.1298	4.9594
339.42	880.4609	4.9553
339.44	887.792	4.9553
339.46	895.2697	4.954
339.47	902.6007	4.9567
339.48	909.9318	4.9567
339.5	917.2629	4.9594
339.88	909.7852	4.9675
339.97	910.3717	4.9675
341.13	902.7473	4.985
341.21	895.4163	4.9864
341.37	902.7473	4.985
341.4	910.0784	4.9877
341.68	902.7473	4.9945
341.97	902.7473	4.9958
343.15	895.123	5.0147
343.16	887.2055	5.0161
343.16	879.8744	5.0161
343.18	872.5434	5.0161
343.2	865.2123	5.0188
343.22	857.7346	5.0188
343.24	850.4035	5.0201
343.26	843.0725	5.0201
343.28	835.7414	5.0188

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
343.3	828.2637	5.0201
343.32	820.9327	5.0201
343.34	813.6016	5.0188
343.38	806.2705	5.0161
343.44	813.6016	5.0161
343.47	820.9327	5.0161
343.49	828.2637	5.0161
343.51	835.7414	5.0147
343.53	843.0725	5.0147
343.54	850.4035	5.0134
343.55	857.7346	5.0147
343.56	865.2123	5.012
343.57	872.5434	5.012
343.58	879.8744	5.0134
343.59	887.3521	5.0147
343.6	894.6832	5.0147
343.61	902.0142	5.0147
343.61	909.3453	5.0174
343.63	916.6764	5.0188
343.97	914.6237	5.0269
344.5	907.2926	5.0323
345.14	899.8149	5.0431
345.19	892.4839	5.0444
345.22	885.0062	5.0458
345.26	877.6751	5.0458
345.3	870.344	5.0458
345.41	877.6751	5.0431
345.43	885.0062	5.0417
345.45	892.4839	5.0431
345.46	899.8149	5.0417
345.48	907.146	5.0417
345.49	914.9169	5.0458
345.97	913.4507	5.0552
346.96	905.973	5.0687
347.19	898.4953	5.0741
347.33	905.973	5.0701
347.35	913.7439	5.0755
347.97	914.6237	5.0836
349.12	907.146	5.1011
349.35	914.4771	5.1038
349.97	913.3041	5.1106
351.1	905.8264	5.1322
351.22	898.4953	5.1322
351.32	905.8264	5.1281
351.37	913.7439	5.1308
351.97	913.0108	5.1416
352.41	905.6798	5.1484
352.47	913.0108	5.1484
353.43	920.7818	5.1619
353.58	913.3041	5.1646
353.69	920.6351	5.166
353.97	919.6088	5.1714
354.8	912.1311	5.1835
354.87	919.6088	5.1835
355.06	912.1311	5.1862
355.44	919.902	5.1916
355.97	920.7818	5.1997
357.09	913.3041	5.2173
357.19	905.973	5.2173
357.37	913.3041	5.2173
357.41	920.6351	5.2186
357.79	913.1575	5.2281
357.94	920.6351	5.2281
357.97	920.6351	5.2294
358.74	913.1575	5.2389
359.14	905.6798	5.2456
359.35	913.5973	5.2483
359.97	914.4771	5.2578
361.11	906.8527	5.2753
361.17	899.5217	5.2767
361.23	892.1906	5.2767
361.37	899.5217	5.2726

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
361.39	907.4392	5.274
361.41	915.2102	5.2767
361.97	913.1575	5.2875
363.11	905.6798	5.3037
363.17	898.2021	5.3064
363.2	890.871	5.3064
363.24	883.54	5.305
363.27	876.2089	5.3064
363.41	883.54	5.305
363.43	890.871	5.3037
363.44	898.3487	5.3023
363.46	906.1196	5.305
363.47	913.4507	5.305
363.52	921.2216	5.3077
363.77	913.8906	5.3118
363.97	910.3717	5.3145
365.15	902.894	5.3334
365.19	895.5629	5.3334
365.26	888.2318	5.3334
365.38	895.5629	5.332
365.4	902.894	5.3307
365.42	910.6649	5.3334
365.44	918.5824	5.3361
365.97	914.4771	5.3442
367.07	906.9994	5.3617
367.22	899.6683	5.3631
367.37	906.9994	5.3631
367.4	914.3304	5.3631
367.97	911.8379	5.3739
369.13	904.3602	5.3914
369.23	897.0291	5.3914
369.3	904.3602	5.3914
369.34	912.1311	5.3941
369.97	911.9845	5.4022
370.97	904.5068	5.4171
371.42	912.2777	5.4225
371.97	913.1575	5.4319
372.47	905.8264	5.4387
373.19	898.3487	5.4508
373.38	906.1196	5.4508
373.97	908.0257	5.4603
375.09	900.548	5.4779
375.21	893.217	5.4792
375.33	900.548	5.4779
375.37	908.319	5.4792
375.97	907.7325	5.4887
377.17	900.2548	5.5076
377.36	907.5859	5.5062
377.97	907.4392	5.5184
379.1	899.9615	5.5346
379.18	892.6305	5.5386
379.35	899.9615	5.5346
379.38	907.8791	5.5359
379.97	903.7737	5.5467
381.16	896.296	5.5656
381.27	888.9649	5.567
381.33	896.7359	5.567
381.36	904.0669	5.5643
381.39	911.8379	5.567
381.97	906.9994	5.5764
383.12	899.3751	5.594
383.2	892.044	5.5967
383.33	899.3751	5.594
383.37	907.2926	5.594
383.97	906.7061	5.6034
385.16	899.2284	5.6237
385.33	906.9994	5.6264
385.97	907.2926	5.6331
387.08	899.8149	5.6507
387.12	892.4839	5.6534
387.18	884.7129	5.6547
387.22	876.942	5.6534

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
387.25	869.6109	5.6547
387.3	861.84	5.6547
387.39	869.1711	5.652
387.41	876.5021	5.6507
387.43	884.2731	5.6507
387.45	892.044	5.6507
387.47	899.8149	5.652
387.49	907.5859	5.6547
387.51	915.5034	5.6561
387.8	908.0257	5.6615
387.97	905.0933	5.6642
389.1	897.6156	5.6804
389.23	890.2845	5.6831
389.31	897.6156	5.679
389.33	905.3865	5.6858
389.97	904.3602	5.6912
391.08	896.8825	5.7101
391.18	889.1116	5.7101
391.37	896.8825	5.7101
391.97	896.7359	5.7209
393.04	889.2582	5.7371
393.2	881.4873	5.7371
393.25	889.2582	5.7398
393.43	897.0291	5.7411
393.62	889.6981	5.7465
393.97	896.0028	5.7506
394.56	888.6717	5.7587
394.71	896.4426	5.76
395.06	888.9649	5.7668
395.12	881.194	5.7681
395.2	873.4231	5.7681
395.32	881.194	5.7681
395.35	888.5251	5.7654
395.37	896.296	5.7668
395.43	904.0669	5.7709
395.89	896.7359	5.779
395.97	893.217	5.779
396.19	900.9879	5.7817
397.06	893.6568	5.7965
397.24	885.7393	5.7979
397.3	893.6568	5.7965
397.55	901.2811	5.8033
397.97	897.9088	5.8073
399.12	890.4312	5.8249
399.32	898.2021	5.8289
399.97	900.548	5.837
400.53	893.0703	5.8465
401.22	885.7393	5.8546
401.32	893.5102	5.8573
401.97	892.044	5.8667
403.14	884.4197	5.8856
403.35	892.3372	5.8843
403.97	893.217	5.8951
405.09	885.7393	5.9126
405.17	877.9683	5.914
405.22	870.1974	5.914
405.33	877.9683	5.9126
405.36	885.7393	5.9126
405.38	893.5102	5.914
405.68	886.1791	5.9194
405.97	890.4312	5.9234
407.07	882.9535	5.9423
407.38	890.7244	5.945
407.81	883.3933	5.9518
407.97	888.6717	5.9518
408.18	881.3406	5.9558
409.97	881.194	5.9815
411.08	873.7163	5.999
411.36	881.4873	6.0004
411.97	879.8744	6.0112
413.05	872.3967	6.0287
413.4	880.1677	6.0314

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
413.97	876.6488	6.0409
415.07	869.3177	6.0571
415.15	861.5468	6.0598
415.17	853.7758	6.0598
415.21	846.0049	6.0584
415.25	838.0874	6.0611
415.29	830.3164	6.0611
415.42	838.234	6.0584
415.44	846.0049	6.0584
415.46	853.7758	6.0571
415.47	861.5468	6.0571
415.48	869.3177	6.0571
415.5	877.0886	6.0584
415.52	884.8596	6.0598
415.85	877.3819	6.0679
415.97	876.942	6.0679
416.91	869.4643	6.0828
417.6	877.2352	6.0936
417.97	875.6224	6.0976
418.62	868.2913	6.1084
418.84	876.0623	6.1098
418.95	868.2913	6.1125
419.02	876.0623	6.1111
419.08	868.2913	6.1152
419.14	860.5204	6.1165
419.18	852.7495	6.1192
419.21	844.8319	6.1206
419.23	837.2076	6.1192
419.25	829.4367	6.1192
419.3	821.6658	6.1179
419.42	829.4367	6.1179
419.44	837.2076	6.1152
419.46	844.9786	6.1165
419.48	852.7495	6.1152
419.5	860.5204	6.1152
419.51	868.2913	6.1138
419.52	876.0623	6.1165
419.54	883.6866	6.1192
419.77	876.3555	6.1246
419.97	875.4758	6.1273
420.61	867.9981	6.1381
421.37	875.769	6.1462
421.82	868.2913	6.1557
421.97	868.8778	6.157
423.08	861.4001	6.1732
423.14	853.6292	6.1746
423.16	845.8583	6.1759
423.18	838.0874	6.1773
423.21	830.3164	6.1773
423.24	822.5455	6.1773
423.27	814.7746	6.1773
423.31	807.0036	6.1786
423.46	814.7746	6.1759
423.49	822.5455	6.1746
423.51	830.3164	6.1746
423.52	838.0874	6.1746
423.53	845.8583	6.1719
423.55	853.6292	6.1719
423.56	861.4001	6.1719
423.57	869.1711	6.1746
423.58	876.942	6.1773
423.62	884.5663	6.18
423.68	876.7954	6.1813
423.96	870.9305	6.1854
424.62	863.5995	6.1948
425.14	856.2684	6.2029

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
425.18	848.4975	6.2043
425.35	856.2684	6.2002
425.37	864.0393	6.2029
425.41	871.8103	6.2056
425.6	864.0393	6.2097
425.96	861.9866	6.2137
427.12	854.5089	6.2326
427.36	862.2799	6.234
427.96	859.7873	6.2434
429.13	852.3096	6.261
429.2	844.5387	6.2623
429.31	852.3096	6.261
429.35	860.0806	6.2623
429.96	859.4941	6.2731
431.07	852.163	6.2893
431.14	844.3921	6.2907
431.21	836.6211	6.2907
431.34	844.3921	6.2893
431.36	852.163	6.2893
431.38	859.7873	6.2907
431.48	867.5582	6.2934
431.55	859.7873	6.2961
431.96	854.3623	6.3001
432.07	862.1332	6.3015
432.41	854.3623	6.3082
432.84	861.9866	6.3136
433.07	854.2157	6.3177
433.15	846.4448	6.3204
433.25	838.6738	6.3204
433.34	846.5914	6.3163
433.36	854.2157	6.3177
433.39	861.9866	6.3204
433.96	858.4677	6.3285
435.07	851.1367	6.346
435.14	843.3657	6.3501
435.17	835.5948	6.3501
435.2	827.8239	6.3474
435.26	820.0529	6.3501
435.37	827.8239	6.3474
435.39	835.5948	6.3474
435.42	843.3657	6.346
435.43	851.1367	6.3474
435.45	858.761	6.3487
435.48	866.5319	6.3514
435.73	858.761	6.3555
435.96	860.2272	6.3568
437.04	852.7495	6.3758
437.16	844.9786	6.3785
437.29	852.7495	6.3758
437.96	854.0691	6.3893
438.98	846.738	6.4041
439.39	854.3623	6.4082
439.96	848.0576	6.4176
440.7	840.7265	6.4284
441.37	848.3508	6.4379

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
441.96	842.486	6.4446
442.84	835.0083	6.4595
442.94	842.7792	6.4595
443.08	835.0083	6.4649
443.13	827.2374	6.4635
443.18	819.6131	6.4649
443.24	811.8421	6.4662
443.27	804.0712	6.4662
443.41	811.8421	6.4649
443.43	819.6131	6.4635
443.44	827.2374	6.4622
443.46	835.0083	6.4635
443.47	842.7792	6.4635
443.49	850.5502	6.4662
443.78	842.6326	6.473
443.96	846.5914	6.4743
444.23	838.8205	6.4784
444.32	846.4448	6.4797
444.5	838.6738	6.4838
444.57	846.4448	6.4824
445.05	839.1137	6.4905
445.96	836.6211	6.504
447.05	829.1435	6.5216
447.11	821.5191	6.5216
447.15	813.7482	6.5229
447.21	805.9773	6.5229
447.26	798.2064	6.5243
447.34	805.9773	6.5202
447.36	813.7482	6.5202
447.38	821.5191	6.5216
447.39	829.1435	6.5202
447.41	836.9144	6.5229
447.43	844.6853	6.5229
447.83	836.7678	6.531
447.96	837.3542	6.5337
449.05	829.8766	6.5499
449.15	822.1056	6.5513
449.29	829.8766	6.5513
449.36	837.6475	6.5526
449.96	833.6887	6.5607
450.33	825.9178	6.5675
450.52	833.5421	6.5688
450.95	825.7712	6.5769
451.13	818.0002	6.581
451.21	810.3759	6.581
451.29	818.0002	6.5783
451.32	825.7712	6.5796
451.96	825.1847	6.5904
452.55	817.4138	6.5999
452.93	825.0381	6.6039
453.06	817.2671	6.6066
453.33	825.0381	6.6093
453.9	817.707	6.6201
453.96	819.1732	6.6188
454.86	811.8421	6.635

UCS Test Results, Stage Two

S1-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S1-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
455.1	804.0712	6.6377
455.33	811.6955	6.6363
455.35	819.4665	6.639
455.94	812.1354	6.6485
455.96	811.6955	6.6485
457.08	804.2178	6.666
457.16	796.5935	6.6674
457.3	804.2178	6.666
457.31	796.5935	6.6674
457.39	804.2178	6.6647
457.42	811.9888	6.6687
457.96	809.0563	6.6768
459.06	801.5787	6.6971
459.09	793.8077	6.6958
459.15	786.1834	6.6971
459.22	778.4125	6.6958
459.34	786.1834	6.6958
459.36	793.9543	6.6944
459.38	801.5787	6.6931
459.4	809.3496	6.6971
459.96	807.2969	6.7066
460.25	799.526	6.712
460.55	807.1503	6.716
460.69	799.526	6.7187
461.05	791.755	6.7241
461.27	799.3793	6.7228
461.36	807.1503	6.7268
461.81	799.3793	6.7336
461.96	801.7253	6.7363
462.95	794.3942	6.7511
463.15	786.6233	6.7538
463.28	794.3942	6.7525
463.96	796.5935	6.766
465.02	789.2625	6.7808
465.13	781.6382	6.7822
465.3	789.2625	6.7835
465.38	797.0334	6.7849
465.68	789.2625	6.7903
465.96	789.7023	6.793
467.04	782.2246	6.8105
467.36	789.9956	6.8132
467.96	785.5969	6.8227
469.1	778.1192	6.8402
469.33	785.8902	6.8416
469.96	782.9577	6.851
471.12	775.4801	6.8699
471.28	783.251	6.8699
471.96	780.3186	6.8807
472.16	778.8524	6.8834

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	5.142148	0.0014
0.1868	10.00882	0
0.3063	14.8755	0.0041
0.5919	10.00882	0.0135
0.8658	14.8755	0.0068
1.9998	17.44657	0.0297
3.7251	22.31325	0.0554
3.9997	21.02771	0.0608
4.5982	16.16104	0.0716
4.8401	21.02771	0.0621
5.4059	25.89439	0.077
5.9995	25.52709	0.0878
6.6063	20.66042	0.0999
6.7321	15.79374	0.1026
6.835	20.66042	0.0945
6.8821	25.52709	0.0918
7.9993	28.74093	0.1161
8.6159	23.87426	0.1296
8.9388	28.74093	0.1242
9.9992	31.31201	0.1445
10.533	26.44533	0.158
10.664	21.67048	0.1593
10.841	26.44533	0.1539
10.895	31.31201	0.1526
11.999	26.81263	0.1769
12.643	21.94595	0.1877
12.934	26.81263	0.1823
13.999	29.10823	0.2025
14.525	24.24155	0.2147
14.629	19.37488	0.2201
14.815	24.24155	0.2093
14.868	29.01641	0.2106
15.999	30.30194	0.2336
16.525	25.52709	0.2444
16.645	20.66042	0.2484
16.85	25.52709	0.2376
16.894	30.30194	0.239
17.999	32.23025	0.2633
18.522	27.4554	0.2714
18.685	22.58872	0.2754
18.872	27.4554	0.2727
18.934	32.23025	0.27
19.998	33.51578	0.2916
20.507	28.74093	0.2997
20.627	23.87426	0.3051
20.85	28.74093	0.297
20.89	33.51578	0.2984
21.998	35.44409	0.3187
22.504	30.66924	0.3281
22.589	25.80256	0.3322
22.705	20.93589	0.3349
22.835	25.80256	0.3295
22.891	30.66924	0.3268
22.963	35.44409	0.3335
23.449	30.66924	0.343

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	6.449481	0
0.2288	11.0687	-0.0013
0.368	15.68793	-0.0013
0.649	20.30715	0.0068
0.897	15.68793	0.0108
1.2894	20.30715	0.0162
1.9998	22.13741	0.027
2.1381	17.51819	0.0311
2.65	22.13741	0.0365
3.9997	22.74749	0.0567
5.9995	20.56862	0.0878
6.7477	25.18784	0.0986
7.175	20.56862	0.1053
7.7733	15.94939	0.1148
7.9993	16.9081	0.1161
8.1269	21.52732	0.1134
8.5861	26.14654	0.1229
8.671	21.52732	0.1269
8.7532	16.9081	0.1269
9.0041	21.52732	0.1269
9.0571	26.14654	0.131
9.0836	21.52732	0.1364
9.2717	16.9081	0.1391
9.307	12.28888	0.1404
9.3358	7.669653	0.1404
9.3773	3.05043	0.1377
9.5051	7.669653	0.135
9.5575	12.28888	0.1337
9.5897	16.9081	0.1323
9.6219	21.52732	0.1337
9.9992	24.83922	0.1445
11.999	27.0181	0.1728
13.232	22.39887	0.1917
13.523	27.0181	0.1958
13.999	28.23827	0.2012
15.999	28.84835	0.2322
17.999	32.16025	0.2592
18.046	27.62818	0.2606
19.998	29.71991	0.2876
20.147	25.18784	0.2916
20.521	29.71991	0.2957
20.75	25.18784	0.3011
20.939	29.71991	0.3011
21.345	25.10068	0.3092
21.8	29.71991	0.3146
21.998	30.67861	0.3173
23.998	30.94008	0.3484
25.998	29.37129	0.3754
26.401	33.99051	0.3808
27.998	33.99051	0.4051
29.998	33.64189	0.4348
31.52	38.26111	0.4564
31.997	38.8712	0.4645
32.202	34.25197	0.4672
32.88	38.8712	0.4766

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	14.3	-0.0027
0.0673	19.6	-0.0027
0.1178	24.9	-0.0027
0.3119	30.1	0.0014
0.5187	35.4	0.0041
0.9428	30.1	0.0122
1.0314	35.4	0.0095
1.0553	40.7	0.0108
1.0909	46	0.0135
1.2948	51.3	0.0189
1.5713	56.6	0.0216
1.8396	61.9	0.0243
1.9998	64	0.0284
2.1152	69.3	0.0284
2.4535	74.6	0.0324
2.6581	79.8	0.0351
2.9751	85.1	0.0392
3.0966	90.4	0.0432
3.3363	95.7	0.0459
3.6109	101	0.0486
3.8151	106.3	0.0527
3.9997	110.2	0.054
4.2133	115.4	0.0594
4.4526	120.7	0.0621
4.6969	126	0.0662
4.9842	131.3	0.0675
5.0952	136.6	0.0716
5.332	141.9	0.0756
5.5527	147.1	0.0783
5.7729	152.4	0.081
5.999	157.7	0.0837
5.9995	157.4	0.0851
6.2324	162.6	0.0878
6.4148	167.9	0.0918
6.6524	173.2	0.0945
6.9923	178.5	0.0986
7.0743	183.8	0.0986
7.3482	189	0.104
7.5947	194.3	0.1067
7.8113	199.6	0.1094
7.9993	203.5	0.1148
8.292	208.7	0.1175
8.5883	214	0.1229
8.8593	208.7	0.1283
8.9227	203.4	0.1283
9.0397	208.7	0.1256
9.0592	214	0.1242
9.0702	219.3	0.1256
9.1926	224.6	0.131
9.6858	229.8	0.1377
9.9992	231.9	0.1431
10.29	237.2	0.1458
11.009	242.5	0.1539
11.427	247.7	0.1634
11.999	249.8	0.1715

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	12.08138	0.0014
0.5824	18.42111	0.0081
1.6743	12.08138	0.0284
1.9016	18.42111	0.0243
1.9998	19.25844	0.0324
3.9997	23.0862	0.0594
5.9995	27.27282	0.0878
7.7072	20.93308	0.1161
7.9047	27.27282	0.1121
7.9993	31.93791	0.1175
9.9992	36.48337	0.1458
11.861	42.82311	0.1728
11.999	42.34464	0.1755
13.919	48.68437	0.2012
13.999	48.68437	0.2039
15.534	42.34464	0.2282
15.633	36.12452	0.2309
15.875	42.34464	0.2255
15.919	48.68437	0.2241
15.998	55.02411	0.2336
15.999	55.02411	0.2336
17.999	58.73225	0.2619
19.796	65.07199	0.2876
19.998	65.43084	0.2916
21.575	59.21072	0.316
21.646	52.87099	0.316
21.774	59.21072	0.3133
21.794	65.43084	0.3133
21.998	70.5744	0.32
23.5	64.23466	0.3443
23.542	57.89493	0.3457
23.603	51.5552	0.3484
23.683	45.33508	0.347
23.832	51.5552	0.3457
23.873	57.89493	0.3443
23.912	64.23466	0.3416
23.943	70.45478	0.343
23.998	75.95719	0.3497
25.998	75.11987	0.3781
26.969	81.33998	0.3902
27.033	75.11987	0.3929
27.41	81.33998	0.3983
27.814	75.11987	0.4051
27.998	79.30648	0.4078
28.494	85.5266	0.4132
28.518	78.82801	0.4159
28.988	85.16775	0.4213
29.514	78.82801	0.4307
29.594	72.48828	0.4334
29.636	66.26816	0.4334
29.717	59.92843	0.4307
29.787	66.26816	0.4321
29.817	72.48828	0.4294
29.835	78.82801	0.4307
29.867	85.16775	0.4294

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
23.998	32.87302	0.3497
24.452	28.00634	0.3578
24.583	23.23149	0.3605
24.705	18.36481	0.3619
24.846	23.23149	0.3551
24.897	28.00634	0.3565
25.998	30.30194	0.3781
26.487	25.43527	0.3862
26.584	20.66042	0.3916
26.705	15.79374	0.3902
26.794	20.66042	0.3821
26.838	25.43527	0.3808
26.958	30.30194	0.3929
27.627	25.43527	0.401
27.998	27.73087	0.4078
28.549	22.86419	0.4186
28.671	17.99752	0.4213
28.884	22.86419	0.4145
28.934	27.73087	0.4132
29.998	28.64911	0.4361
30.487	23.87426	0.4469
30.586	19.00758	0.4483
30.688	14.14091	0.4469
30.782	19.00758	0.4429
30.835	23.87426	0.4415
30.898	28.64911	0.4483
31.997	29.29188	0.4658
32.495	24.4252	0.4753
32.627	19.65035	0.4793
32.878	24.4252	0.4699
32.939	29.29188	0.4766
33.997	29.65917	0.4928
34.491	24.7925	0.505
34.591	19.92582	0.5077
34.688	15.15097	0.5063
34.779	19.92582	0.5009
34.823	24.7925	0.4969
34.861	29.65917	0.5009
35.997	28.92458	0.5252
36.611	24.14973	0.5347
36.901	28.92458	0.532
37.997	30.21012	0.5522
38.598	25.43527	0.5617
38.775	30.21012	0.559
39.997	30.21012	0.5792
40.554	25.43527	0.5914
40.862	30.21012	0.5873
41.997	32.50572	0.6103
42.532	27.63904	0.6198
42.656	22.86419	0.6238
42.884	27.63904	0.6198
42.941	32.50572	0.6198
43.996	31.22018	0.64
44.535	26.35351	0.6481
44.642	21.48683	0.6522

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
32.969	34.25197	0.478
33.997	36.08223	0.4915
35.997	37.65102	0.5212
37.997	37.3024	0.5509
38.856	41.92163	0.5617
38.982	37.3024	0.5644
39.819	41.83447	0.5765
39.944	37.3024	0.5792
39.997	37.3024	0.5806
40.483	41.83447	0.586
41.549	37.3024	0.6022
41.795	41.83447	0.6049
41.997	41.83447	0.609
43.996	45.84361	0.6373
44.003	41.22439	0.6387
44.938	45.84361	0.6508
45.007	41.22439	0.6535
45.536	45.84361	0.6603
45.996	44.53628	0.667
47.485	40.00421	0.69
47.574	44.53628	0.6873
47.996	43.66473	0.6967
48.556	48.1968	0.7035
48.927	43.66473	0.7102
49.376	48.1968	0.7156
49.996	45.14637	0.7251
50.399	49.76559	0.7291
51.996	50.89861	0.7534
53.996	54.29766	0.7818
54.181	49.67844	0.7845
54.577	54.29766	0.7899
55.995	57.34809	0.8101
56.151	52.72887	0.8142
56.452	57.34809	0.8182
57.995	59.70128	0.8412
59.995	63.71041	0.8695
60.082	59.09119	0.8722
60.445	63.71041	0.8763
61.748	68.24248	0.8965
61.897	63.62326	0.8992
61.995	65.19205	0.8979
62.488	69.72412	0.9046
63.995	70.94429	0.9276
64.444	75.47636	0.9317
65.488	80.09558	0.9479
65.995	79.13688	0.9573
66.45	83.7561	0.9627
66.804	79.13688	0.9695
67.145	83.66894	0.9735
67.721	88.28817	0.9816
67.754	83.66894	0.983
67.994	85.84782	0.9857
68.443	90.37989	0.9924
69.706	94.91196	1.01
69.874	90.37989	1.0127

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
12.469	255.1	0.1782
13.045	260.3	0.185
13.845	265.6	0.1985
13.999	263.8	0.1998
14.449	269.1	0.2066
14.75	263.8	0.212
14.822	258.5	0.2133
14.874	253.2	0.216
14.925	247.9	0.216
15.083	253.2	0.2133
15.103	258.5	0.2133
15.121	263.8	0.2147
15.134	269.1	0.2133
15.156	274.3	0.216
15.999	275	0.2282
16.609	280.3	0.239
17.746	285.5	0.2538
17.999	285.8	0.2592
18.984	291.1	0.2727
19.764	296.3	0.2849
19.998	296.7	0.2876
21.005	301.9	0.3011
21.998	304.6	0.316
23.186	309.9	0.3335
23.998	309.8	0.3457
24.978	315.1	0.3578
25.998	317.1	0.374
26.7	322.4	0.3862
26.776	317.1	0.3862
26.89	311.8	0.3875
26.975	317.1	0.3862
26.997	322.3	0.3889
27.998	326.5	0.4024
28.868	321.2	0.4186
29.002	326.5	0.4159
29.035	331.7	0.4172
29.998	335.2	0.4321
31.02	340.4	0.4469
31.997	341.1	0.4618
32.241	346.3	0.4645
32.787	341	0.4739
32.999	346.3	0.4766
33.061	351.5	0.4766
33.997	352.5	0.4901
35.057	357.7	0.5063
35.997	360.5	0.5198
36.686	365.7	0.5279
36.771	360.5	0.5306
36.982	365.7	0.5333
37.056	371	0.5347
37.997	372.3	0.5482
38.851	367	0.5617
38.96	372.3	0.559
39.073	377.5	0.5617
39.997	382	0.5765

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
29.998	87.20125	0.4348
30.151	80.98113	0.4388
30.33	87.20125	0.4402
31.592	80.98113	0.4604
31.626	74.6414	0.4618
31.676	68.30166	0.4618
31.781	74.6414	0.4591
31.802	80.86151	0.4577
31.814	87.20125	0.4564
31.997	85.16775	0.4672
32.089	91.38786	0.4658
32.526	85.04813	0.4726
32.766	91.38786	0.4766
33.533	85.04813	0.4874
33.623	78.82801	0.4901
33.779	85.04813	0.4874
33.792	91.38786	0.4861
33.997	96.05295	0.4915
34.02	89.71322	0.4955
34.425	95.93333	0.4996
35.578	89.71322	0.5185
35.737	95.93333	0.5171
35.997	98.08645	0.5239
37.143	104.3066	0.5387
37.287	98.08645	0.5414
37.784	104.3066	0.5482
37.997	104.3066	0.5509
39.55	97.96683	0.5779
39.581	91.74672	0.5765
39.632	85.40698	0.5779
39.685	79.18687	0.5779
39.78	85.40698	0.5765
39.801	91.74672	0.5752
39.819	97.96683	0.5752
39.833	104.3066	0.5738
39.997	108.1343	0.5806
40.31	101.7946	0.586
40.461	108.1343	0.5873
41.547	101.7946	0.6035
41.591	95.45486	0.6076
41.63	89.23475	0.6062
41.666	82.89501	0.6076
41.71	76.55528	0.6035
41.819	82.89501	0.6049
41.841	89.23475	0.6035
41.86	95.45486	0.6049
41.875	101.7946	0.6022
41.89	108.0147	0.6049
41.943	114.3544	0.6089
41.997	115.1918	0.6089
42.092	108.852	0.6116
42.518	115.1918	0.6171
42.949	108.852	0.6238
43.142	115.1918	0.6265
43.996	118.8999	0.6387

UCS Test Results, Stage Two

S3-1		28 days	S3-2		28 days	S4-1		28 days	S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
44.865	26.35351	0.6454	69.994	92.21015	1.0154	40.829	376.7	0.59	45.16	125.2397	0.6535
44.908	31.22018	0.6454	70.483	96.74222	1.0194	40.952	371.5	0.5887	45.535	118.8999	0.663
45.996	32.13842	0.6684	71.994	99.79265	1.0424	40.978	376.7	0.59	45.628	112.5602	0.6643
46.515	27.27175	0.6778	73.026	104.3247	1.0572	41.015	382	0.5887	45.714	118.8999	0.6603
46.615	22.4969	0.6805	73.994	107.0265	1.0734	41.028	387.2	0.5914	45.816	125.12	0.6643
46.741	17.63022	0.6778	75.557	111.5586	1.095	41.838	392.5	0.6035	45.996	125.12	0.6697
46.798	22.4969	0.6751	75.994	109.1182	1.1004	41.997	392.1	0.6063	47.563	118.8999	0.6927
46.858	27.27175	0.6724	76.345	113.6503	1.1058	42.976	397.3	0.6184	47.719	125.12	0.6886
46.896	32.13842	0.6751	77.718	118.1824	1.1261	43.958	402.5	0.6333	47.917	131.4598	0.694
47.996	31.77113	0.6967	77.994	116.0907	1.1301	43.996	401.4	0.6346	47.996	131.4598	0.6967
48.521	26.99628	0.7062	78.455	120.6227	1.1369	44.637	406.7	0.6441	48.31	125.12	0.7035
48.659	22.1296	0.7102	79.958	125.1548	1.1585	44.748	401.4	0.6454	48.351	118.8999	0.7048
48.906	26.99628	0.7062	79.993	124.2832	1.1598	44.972	406.7	0.6481	48.402	112.5602	0.7048
48.965	31.77113	0.7062	81.078	128.8153	1.1747	45.177	411.9	0.6522	48.569	118.8999	0.7048
49.743	26.99628	0.7237	81.091	124.1961	1.1747	45.996	414.6	0.6657	48.591	125.12	0.7021
49.917	22.1296	0.7251	81.578	128.8153	1.1828	47.033	419.8	0.6778	48.634	131.4598	0.7048
49.996	22.4969	0.7251	81.993	130.2969	1.1882	47.996	424	0.6927	49.569	125.12	0.721
50.559	17.63022	0.7345	83.155	134.829	1.2044	48.789	418.7	0.7048	49.623	118.7803	0.721
50.829	22.4969	0.7332	83.224	130.2969	1.2057	48.975	423.9	0.7048	49.728	125.12	0.7197
51.996	21.48683	0.7548	83.595	134.829	1.2125	48.999	429.2	0.7048	49.748	131.3401	0.7197
52.537	16.71198	0.7656	83.993	136.9207	1.2166	49.982	434.4	0.721	49.832	137.6799	0.7237
52.621	11.8453	0.7723	85.02	141.4528	1.2328	49.996	433.3	0.721	49.996	138.0387	0.7251
52.789	16.71198	0.7602	85.993	142.673	1.2449	50.413	438.5	0.7278	50.141	131.8186	0.7278
52.846	21.48683	0.7602	86.936	147.205	1.2598	50.767	433.3	0.7345	50.58	138.0387	0.7345
53.996	22.77237	0.7845	87.993	148.9482	1.2746	50.935	438.5	0.7345	50.983	131.8186	0.7413
54.525	17.99752	0.7939	88.855	153.4802	1.2881	51.057	443.8	0.7359	51.213	138.0387	0.744
54.678	13.13084	0.798	89.993	154.4389	1.3043	51.996	443	0.7507	51.466	131.8186	0.7494
54.926	17.99752	0.7926	90.459	158.971	1.3097	52.553	448.2	0.7588	51.601	125.4789	0.7507
55.534	22.77237	0.8061	91.752	163.5031	1.33	52.803	442.9	0.7629	51.673	131.8186	0.7494
55.995	22.1296	0.8128	91.992	161.9343	1.3327	52.98	448.2	0.7642	51.705	138.0387	0.7467
57.995	24.97615	0.8425	92.654	166.4663	1.3435	53.136	453.4	0.7683	51.996	136.3641	0.7561
58.521	20.20129	0.8533	93.007	161.9343	1.3462	53.996	453.7	0.7791	52.616	142.5842	0.7615
58.66	15.42644	0.8547	93.316	166.4663	1.3529	54.41	448.4	0.7872	52.776	136.3641	0.7669
58.91	20.20129	0.8493	93.992	167.948	1.3624	54.55	453.7	0.7858	53.253	142.5842	0.7723
58.956	24.97615	0.8493	94.713	172.48	1.3718	54.971	458.9	0.7939	53.556	136.3641	0.7804
59.995	24.33338	0.8709	95.673	177.0121	1.3867	55.758	464.1	0.8047	53.615	130.0244	0.7791
61.995	25.61891	0.9006	95.992	174.3103	1.3907	55.929	458.8	0.8088	53.726	136.3641	0.7777
62.565	20.84406	0.9087	96.431	178.8424	1.3988	55.995	457.4	0.8074	53.748	142.5842	0.7777
62.773	25.61891	0.91	96.783	174.2231	1.4029	56.193	452.2	0.8115	53.77	136.3641	0.7791
63.995	26.62898	0.9276	97.077	178.7552	1.4069	56.957	457.4	0.8209	53.816	142.5842	0.7818
64.564	21.7623	0.9398	97.992	180.5855	1.4204	57.14	462.6	0.825	53.996	142.5842	0.7845
64.836	26.62898	0.9371	98.531	185.1175	1.4272	57.995	463.2	0.8385	54.983	148.9239	0.7966
65.995	27.54722	0.9573	98.605	180.5855	1.4285	58.313	458	0.8412	55.501	142.5842	0.8074
66.489	22.77237	0.9681	99.134	185.1175	1.4366	58.549	452.7	0.8479	55.64	148.8043	0.8074
66.644	17.90569	0.9708	99.992	187.4707	1.4501	58.775	447.4	0.8493	55.662	142.1057	0.8074
66.935	22.77237	0.9668	100.97	192.0028	1.4636	58.963	452.7	0.8506	55.824	148.4455	0.8101
67.015	27.54722	0.9708	101.99	194.7046	1.4785	59.068	457.9	0.852	55.995	147.6081	0.8128
67.994	26.26168	0.9884	103.02	199.2367	1.492	59.867	463.1	0.8641	56.441	141.2684	0.8196
68.567	21.48683	0.9978	103.99	201.5899	1.5068	59.995	462.4	0.8668	56.531	147.6081	0.8182
68.858	26.26168	0.9951	105.11	206.1219	1.5231	60.225	467.6	0.8709	57.044	153.8283	0.8277
69.994	25.25162	1.0167	105.99	209.6953	1.5352	61.024	472.8	0.8803	57.233	147.6081	0.8304
70.512	20.47677	1.0235	106.91	214.2274	1.5487	61.586	478	0.8898	57.508	141.2684	0.8371
70.686	15.70192	1.0289	107.08	209.6953	1.5514	61.995	479.7	0.8952	57.558	135.0483	0.8385
70.916	20.47677	1.0262	107.56	214.2274	1.5568	62.52	485	0.9033	57.581	128.7086	0.8385
70.969	25.25162	1.0235	107.99	215.0989	1.5649	62.79	479.7	0.9087	57.62	122.4884	0.8385

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
71.994	24.97615	1.0424
72.553	20.10947	1.0559
72.939	24.97615	1.0586
73.994	23.69061	1.0748
74.549	18.91576	1.0842
74.734	14.04908	1.0869
74.895	18.82393	1.0829
74.957	23.69061	1.0815
75.994	23.32331	1.1031
76.508	18.54846	1.1126
76.649	13.77361	1.1166
76.841	18.54846	1.1099
76.9	23.32331	1.1085
77.994	23.32331	1.1315
78.585	18.54846	1.1423
78.995	23.32331	1.1396
79.993	24.60885	1.1625
81.993	26.81263	1.1882
83.993	27.17992	1.2206
84.546	22.31325	1.2287
84.649	17.5384	1.2314
84.893	22.31325	1.2247
84.935	27.17992	1.2247
85.993	27.82269	1.249
87.993	27.4554	1.2773
89.993	26.81263	1.3043
91.992	29.01641	1.334
93.992	30.94471	1.3637
95.992	32.87302	1.3934
97.992	35.07679	1.4204
99.992	37.92334	1.4501
101.99	41.13718	1.4798
102.45	36.36233	1.4893
102.52	31.49565	1.4906
102.59	26.7208	1.4933
102.64	21.94595	1.4933
102.81	26.7208	1.4893
102.85	31.58748	1.4852
102.88	36.36233	1.4866
102.92	41.13718	1.4893
103.99	42.05542	1.5082
104.48	37.28057	1.5163
104.66	32.50572	1.519
104.73	37.28057	1.5163
104.77	42.05542	1.5163
105.99	44.6265	1.5379
107.99	46.46298	1.5649
108.52	41.68813	1.5771
108.58	36.91327	1.5771
108.64	32.13842	1.5784
108.72	27.36357	1.5784
108.85	32.13842	1.5757
108.89	36.91327	1.5757
108.93	41.68813	1.5757
108.95	46.46298	1.573

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
108.38	219.631	1.5703
109.63	224.163	1.5879
109.99	225.6447	1.5946
110.83	230.1767	1.6068
111.99	232.1813	1.6203
112.47	236.7134	1.6297
113.59	241.2455	1.6446
113.99	240.8968	1.6513
114.78	245.4289	1.6635
115.65	249.961	1.6756
115.99	250.8325	1.681
116.45	255.3646	1.6864
117.89	259.8095	1.708
117.99	257.3692	1.7094
118.42	261.9012	1.7148
119.47	266.4333	1.731
119.99	267.5663	1.7391
120.42	272.0984	1.7431
121.67	276.6304	1.762
121.99	276.2818	1.7674
122.43	280.8139	1.7728
122.86	276.2818	1.7796
123.04	280.7267	1.7823
123.53	285.2588	1.789
123.99	284.9102	1.7958
124.45	289.4423	1.8025
125.55	293.9743	1.8187
125.99	293.8872	1.8255
126.45	298.4192	1.8323
127.6	302.8641	1.8485
127.99	302.8641	1.8539
128.42	307.3962	1.8606
129.5	311.8411	1.8755
129.99	313.0613	1.8836
130.56	317.5062	1.8917
131.46	322.0383	1.9052
131.99	322.0383	1.9119
132.42	326.4832	1.9187
133.69	330.9281	1.9376
133.99	332.1483	1.9416
134.78	336.5932	1.9524
135.6	341.1253	1.9646
135.99	342.2583	1.97
136.57	346.7903	1.9794
137.63	351.2353	1.9943
137.99	354.2857	1.9983
139.06	358.7306	2.0159
139.99	358.0334	2.0294
140.84	362.5654	2.0402
141.78	367.0103	2.055
141.99	366.4002	2.0577
142.42	370.8452	2.0645
143.48	375.2901	2.078
143.99	377.3818	2.0861
144.46	381.9139	2.0942

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
62.85	474.4	0.9087
62.999	479.7	0.906
63.019	484.9	0.9074
63.041	490.2	0.9101
63.995	488.3	0.9236
64.619	493.5	0.933
64.81	488.3	0.9371
64.926	493.5	0.9371
65.089	498.7	0.9398
65.908	503.9	0.9519
65.995	503.9	0.9546
66.564	509.1	0.9614
67.045	514.3	0.9681
67.994	515.3	0.983
68.325	520.5	0.987
68.751	515.2	0.9951
68.901	520.5	0.9951
69.107	525.7	0.9965
69.994	528.1	1.0113
70.48	533.3	1.0194
70.695	528	1.0221
70.97	533.2	1.0262
71.994	536.6	1.041
73.018	541.8	1.0545
73.142	547	1.0586
73.994	549.4	1.0694
74.288	554.6	1.0734
74.889	549.3	1.0829
74.961	554.6	1.0842
75.445	559.7	1.091
75.994	559	1.0991
76.34	564.2	1.1031
76.475	559	1.1058
76.645	564.2	1.1072
76.709	558.9	1.1112
76.742	553.7	1.1112
76.79	548.5	1.1112
76.823	543.2	1.1139
76.856	538	1.1139
76.896	532.8	1.1139
76.937	527.5	1.1126
77.034	532.8	1.1112
77.06	538	1.1112
77.074	543.2	1.1112
77.093	548.5	1.1099
77.103	553.7	1.1099
77.114	558.9	1.1112
77.125	564.2	1.1126
77.144	569.4	1.1139
77.994	569	1.1274
78.621	574.1	1.1369
78.749	568.9	1.1396
78.956	574.1	1.1423
79.062	579.3	1.1423
79.993	578.6	1.1544

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
57.651	116.1487	0.8385
57.691	109.9286	0.8398
57.819	116.1487	0.8385
57.84	122.4884	0.8358
57.859	128.7086	0.8371
57.87	135.0483	0.8358
57.882	141.2684	0.8344
57.893	147.6081	0.8358
57.923	153.8283	0.8385
57.995	155.8618	0.8412
58.129	149.6416	0.8425
58.487	155.8618	0.8493
59.995	155.8618	0.8709
60.422	162.0819	0.8763
60.569	155.8618	0.879
61.12	162.0819	0.8871
61.451	155.8618	0.8925
61.492	149.522	0.8938
61.567	143.3019	0.8952
61.635	136.9622	0.8952
61.72	143.3019	0.8952
61.744	149.522	0.8938
61.764	155.8618	0.8925
61.804	162.0819	0.8952
61.995	162.5603	0.9006
63.341	168.7805	0.9182
63.49	162.4407	0.9222
63.72	168.7805	0.9236
63.995	166.6273	0.929
64.879	172.8475	0.9411
65.251	166.6273	0.9479
65.527	160.2876	0.9506
65.694	166.6273	0.9519
65.758	172.8475	0.9546
65.995	175.0006	0.956
66.205	168.6608	0.9614
66.559	174.881	0.9654
66.964	168.6608	0.9722
67.195	174.881	0.9749
67.994	177.0341	0.987
69.374	183.2542	1.0073
69.393	176.9145	1.0073
69.895	183.2542	1.014
69.994	179.9049	1.0167
71.413	186.125	1.037
71.479	179.7853	1.0383
71.55	173.5652	1.041
71.594	167.3451	1.0397
71.645	161.0053	1.0397
71.72	167.3451	1.0397
71.75	173.5652	1.037
71.762	179.7853	1.037
71.824	186.125	1.041
71.994	185.6466	1.0451
73.297	191.8667	1.0626

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
108.99	51.23783	1.5798
109.99	48.39128	1.5946
110.46	43.61643	1.6054
110.55	38.84158	1.6054
110.62	34.06673	1.6081
110.68	29.29188	1.6068
110.83	34.06673	1.6068
110.88	38.84158	1.6068
110.91	43.61643	1.6027
110.93	48.39128	1.6027
111.81	53.16613	1.6216
111.88	48.39128	1.623
111.99	50.96236	1.6257
112.46	46.18751	1.6324
112.56	41.41265	1.6351
112.73	46.18751	1.6311
112.75	50.96236	1.6311
113.99	52.79884	1.654
115.99	54.72714	1.6824
117.09	59.502	1.6972
117.99	60.42024	1.7121
118.04	55.64538	1.7134
118.17	60.42024	1.7121
118.5	55.64538	1.7188
118.68	60.42024	1.7188
119.75	65.19509	1.7364
119.99	63.90955	1.7404
121.99	67.12339	1.7688
122.59	62.34854	1.7782
122.67	67.12339	1.7755
123.55	62.25672	1.7917
123.99	66.11333	1.7971
124.48	61.33848	1.8066
124.73	66.11333	1.8079
125.99	68.31711	1.8268
126.53	63.54225	1.8363
126.7	68.31711	1.835
127.76	73.09196	1.8525
127.99	71.80642	1.8566
128.46	67.03157	1.8647
128.5	62.25672	1.866
128.55	57.48187	1.8674
128.6	52.70701	1.8674
128.63	47.93216	1.8687
128.69	43.15731	1.8701
128.82	47.93216	1.8674
128.86	52.70701	1.8647
128.9	57.48187	1.866
128.92	62.25672	1.8633
128.93	67.03157	1.8633
128.95	71.80642	1.8647
128.98	76.58127	1.8674
129.99	75.57121	1.8849
130.49	70.79636	1.893
130.71	75.57121	1.893

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
145.6	386.3588	2.1104
145.99	383.5698	2.1171
146.14	388.1019	2.1185
147.28	392.5468	2.1334
147.72	397.0789	2.1415
147.79	392.5468	2.1428
147.99	394.0284	2.1428
148.39	398.5605	2.1496
149.19	403.0054	2.1617
149.99	404.3999	2.1739
150.4	408.932	2.1793
151.39	413.3769	2.1941
151.99	414.8585	2.2022
152.33	419.3034	2.2076
153.19	423.7483	2.2211
153.99	425.8401	2.2306
154.33	430.285	2.2373
155.24	434.817	2.2468
155.85	439.262	2.2589
155.99	438.3032	2.2616
156.35	442.8353	2.2657
157.18	447.2802	2.2778
157.28	442.7482	2.2805
157.47	447.2802	2.2819
157.99	447.8032	2.2886
158.19	452.2481	2.294
158.26	447.8032	2.294
158.43	452.2481	2.2967
159.33	456.693	2.3089
159.99	457.3031	2.3197
160.27	461.748	2.3237
161.04	466.1929	2.3345
161.99	469.7663	2.3467
162.71	474.2112	2.3575
163.03	478.6561	2.3602
163.14	474.124	2.3656
163.45	478.6561	2.3696
163.99	481.8808	2.3764
164.36	477.3488	2.3831
164.54	481.8808	2.3818
164.57	486.4129	2.3845
165.37	490.8578	2.3966
165.54	486.3257	2.3993
165.64	490.7706	2.402
165.99	493.211	2.4047
166.07	488.6789	2.4061
166.15	484.1469	2.4074
166.27	488.6789	2.4101
166.34	493.1238	2.4101
166.48	497.6559	2.4128
167.36	502.1008	2.425
167.99	503.2338	2.4345
168.35	498.7018	2.4399
168.46	503.2338	2.4399
168.55	507.6787	2.4426

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
80.407	573.3	1.1625
80.563	568	1.1652
80.674	562.8	1.1679
80.811	557.6	1.1693
81.058	562.8	1.1706
81.993	567.2	1.1855
82.338	572.4	1.1909
82.962	577.6	1.2003
83.22	582.8	1.203
83.877	588	1.2125
83.993	589	1.2166
84.541	594.2	1.222
85.122	599.4	1.2314
85.803	604.5	1.2395
85.993	603.8	1.2436
86.508	609	1.2503
86.851	603.7	1.2571
86.938	609	1.2557
87.041	614.2	1.2571
87.993	617.2	1.2733
88.404	622.4	1.2773
88.775	617.1	1.2841
88.946	622.4	1.2854
89.068	627.6	1.2868
89.993	630.6	1.3003
90.954	635.7	1.3151
91.436	640.9	1.3219
91.992	640.2	1.33
92.602	645.3	1.3381
92.731	640.1	1.3408
92.9	645.3	1.3435
93.02	650.5	1.3448
93.545	655.7	1.3543
93.992	655.6	1.3597
94.998	660.8	1.3718
95.501	665.9	1.3799
95.992	668	1.3894
97.005	673.1	1.4029
97.56	678.3	1.4096
97.992	677.9	1.4164
98.185	683.1	1.4204
98.753	677.8	1.4285
98.881	683	1.4299
99.281	688.2	1.4353
99.992	688.8	1.4447
100.38	694	1.4501
100.85	688.7	1.4596
100.94	693.9	1.4596
101.16	699.1	1.4623
101.82	704.2	1.4731
101.89	699	1.4744
101.99	702.8	1.4758
102.75	697.5	1.4879
102.8	692.3	1.4893
102.84	687.1	1.4893

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
73.317	185.6466	1.064
73.779	191.8667	1.0707
73.994	192.2255	1.0748
74.224	186.0054	1.0788
74.538	192.2255	1.0802
75.128	186.0054	1.091
75.397	192.2255	1.0937
75.507	186.0054	1.0977
75.714	192.2255	1.0977
75.994	192.2255	1.1031
76.678	198.4456	1.1126
76.818	192.2255	1.1153
77.252	198.4456	1.1193
77.494	192.2255	1.1261
77.562	185.8858	1.1274
77.604	179.6657	1.1274
77.745	185.8858	1.1234
77.761	192.2255	1.1247
77.774	198.4456	1.1247
77.994	200.4791	1.1315
78.363	194.259	1.1369
78.81	200.4791	1.1423
79.481	194.259	1.1544
79.741	200.4791	1.1544
79.993	201.6753	1.1598
80.125	195.4552	1.1639
80.489	201.6753	1.1679
81.599	195.4552	1.1841
81.737	201.6753	1.1828
81.993	202.5126	1.1895
83.577	196.1729	1.2138
83.707	202.393	1.2111
83.765	208.6131	1.2138
83.993	209.4505	1.2192
84.212	203.2303	1.2233
84.832	209.4505	1.2301
85.194	203.2303	1.2382
85.325	209.4505	1.2382
85.543	203.2303	1.2436
85.703	209.4505	1.2409
85.993	209.8093	1.249
87.499	203.5892	1.2692
87.667	209.8093	1.2719
87.993	213.1586	1.276
89.159	206.8189	1.2949
89.307	213.039	1.2949
89.6	206.8189	1.3016
89.719	213.039	1.2989
89.769	219.3787	1.3016
89.993	213.8763	1.307
90.527	220.0964	1.3124
90.895	213.8763	1.3178
91.638	207.6562	1.33
91.705	213.8763	1.3286
91.787	220.0964	1.3313

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.99	77.49951	1.9146
133.99	79.70329	1.943
135.73	84.38632	1.9686
135.99	83.46808	1.9713
136.51	78.69323	1.9821
136.57	73.91837	1.9821
136.72	78.69323	1.9781
136.74	83.46808	1.9781
137.99	85.67185	2.0024
139.06	90.35488	2.0159
139.99	89.43664	2.0307
140.45	84.66179	2.0402
140.53	79.88694	2.0415
140.59	75.11209	2.0415
140.75	79.88694	2.0388
140.77	84.66179	2.0361
140.79	89.43664	2.0375
140.84	94.21149	2.0415
141.03	89.43664	2.0456
141.99	92.28319	2.0577
143.99	94.76244	2.0888
145.81	99.44546	2.1131
145.99	97.24169	2.1185
146.46	92.46684	2.1252
146.54	87.78381	2.1266
146.6	83.00896	2.1293
146.75	87.78381	2.1252
146.78	92.46684	2.1239
146.8	97.24169	2.1239
146.82	102.0165	2.1279
147.99	102.0165	2.1469
149.99	103.2103	2.1752
150.43	98.4354	2.1806
150.7	103.2103	2.1833
150.85	98.4354	2.1874
151.9	103.2103	2.2022
151.99	101.0065	2.2049
152.74	105.6895	2.2144
153.99	105.0467	2.2346
154.72	109.8216	2.2414
155.99	109.8216	2.263
157.45	114.5046	2.2832
157.99	114.5046	2.29
159.99	116.7084	2.3197
160.56	111.9335	2.3291
160.67	116.7084	2.3278
161.99	116.6166	2.3494
162.43	111.9335	2.3561
162.77	116.6166	2.3615
163.99	118.1776	2.3791
164.43	113.4027	2.3858
164.5	108.7197	2.3872
164.55	103.9448	2.3885
164.58	99.16999	2.3885
164.64	94.48696	2.3899

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
168.73	512.1237	2.4466
168.87	507.6787	2.4493
169.22	512.1237	2.4507
169.94	516.5686	2.4628
169.99	515.3484	2.4628
170.18	519.8805	2.4655
170.3	515.3484	2.4723
170.33	510.8163	2.4723
170.34	506.2843	2.4723
170.36	501.8394	2.4709
170.39	497.3944	2.4696
170.41	492.8624	2.4723
170.44	488.3303	2.4736
170.47	483.8854	2.4723
170.5	479.3533	2.4723
170.53	474.8213	2.475
170.57	470.3763	2.4736
170.66	474.8213	2.4723
170.69	479.3533	2.4709
170.71	483.8854	2.4709
170.73	488.3303	2.4696
170.74	492.8624	2.4696
170.75	497.3073	2.4682
170.76	501.8394	2.4696
170.77	506.3714	2.4682
170.78	510.8163	2.4669
170.79	515.3484	2.4709
170.8	519.7933	2.4723
170.82	524.3254	2.4723
170.86	528.7703	2.4777
170.95	524.3254	2.4763
171.76	528.6831	2.4912
171.82	524.2382	2.4912
171.99	525.7199	2.4912
172.32	521.1878	2.4993
172.34	516.6557	2.4993
172.36	512.2108	2.5006
172.38	507.6787	2.502
172.4	503.1467	2.502
172.42	498.7018	2.502
172.44	494.1697	2.502
172.46	489.7248	2.5033
172.48	485.1927	2.5033
172.5	480.6606	2.502
172.52	476.2157	2.5033
172.54	471.6837	2.5033
172.57	467.2388	2.5033
172.6	462.7067	2.5033
172.73	467.2388	2.502
172.75	471.6837	2.5006
172.77	476.2157	2.502
172.78	480.7478	2.4993
172.8	485.1927	2.4993
172.81	489.7248	2.5006
172.82	494.1697	2.4993

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
102.87	681.9	1.4893
103	687.1	1.4866
103.01	692.3	1.4852
103.02	697.5	1.4852
103.03	702.7	1.4866
103.05	707.9	1.4893
103.06	713.2	1.4893
103.99	716.5	1.5041
105.03	721.6	1.5177
105.55	726.8	1.5271
105.99	727.1	1.5339
107	732.2	1.546
107.99	734.9	1.5622
108.95	739.9	1.5771
109.33	745.1	1.5811
109.99	746.4	1.5919
110.51	751.6	1.5973
111.03	756.7	1.6054
111.77	761.9	1.6162
111.99	760.1	1.6203
112.42	765.2	1.627
112.78	760	1.6324
112.94	765.2	1.6338
113.11	770.4	1.6365
113.99	775.1	1.6486
114.59	780.3	1.6567
114.75	775	1.6608
115.02	780.2	1.6621
115.96	785.3	1.677
115.99	785	1.6783
116.79	779.7	1.6891
116.94	784.9	1.6918
117.01	790.1	1.6905
117.84	795.2	1.704
117.99	794.1	1.7067
118.52	799.2	1.7148
118.77	794	1.7188
118.94	799.2	1.7215
119.14	804.4	1.7229
119.99	806.3	1.735
120.81	801	1.7485
120.92	806.2	1.7472
120.94	811.4	1.7499
121.99	814.4	1.7647
123.01	819.5	1.7796
123.99	822.8	1.7931
124.94	827.9	1.8093
125.5	833.1	1.8147
125.99	833	1.8228
126.38	838.1	1.8282
126.75	832.9	1.8336
126.94	838.1	1.8377
127.06	843.2	1.8377
127.78	848.3	1.8498
127.99	847.3	1.8525

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
91.992	219.2591	1.334
93.426	225.4792	1.3556
93.434	219.2591	1.3556
93.572	212.9194	1.3583
93.7	219.1395	1.3583
93.992	222.9672	1.3637
94.137	216.6275	1.3664
95.74	222.8476	1.3867
95.992	221.173	1.3921
96.467	227.3931	1.3988
96.572	221.173	1.4002
97.165	227.3931	1.4096
97.253	221.173	1.411
97.719	227.3931	1.4177
97.992	224.0438	1.4218
99.161	230.2639	1.438
99.452	224.0438	1.4434
99.534	217.7041	1.4447
99.599	211.484	1.4461
99.702	217.7041	1.4447
99.725	224.0438	1.4447
99.765	230.2639	1.4461
99.992	230.6228	1.4501
101.77	236.8429	1.4758
101.99	234.3309	1.4798
102.94	227.9912	1.4933
103.7	234.2113	1.5041
103.99	233.374	1.5082
104.47	239.5941	1.5163
104.7	233.374	1.519
105.17	239.5941	1.5244
105.58	233.374	1.5325
105.65	227.1539	1.5339
105.7	233.374	1.5298
105.75	239.5941	1.5312
105.99	242.1061	1.5393
107.7	248.2066	1.5636
107.99	250.2401	1.5663
109.99	256.4602	1.5946
109.99	256.4602	1.596
111.35	262.6803	1.6149
111.48	256.3406	1.6176
111.77	262.5607	1.6203
111.99	263.8765	1.6243
113.71	269.977	1.65
113.99	268.7808	1.654
115.16	274.8813	1.6689
115.64	268.6612	1.677
115.74	274.8813	1.677
115.99	276.5559	1.681
116.88	282.7761	1.6959
117.47	276.4363	1.7053
117.54	270.2162	1.708
117.59	263.9961	1.7067
117.72	270.2162	1.704

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
164.7	89.71211	2.3885
164.83	94.48696	2.3885
164.86	99.16999	2.3872
164.89	103.9448	2.3872
164.91	108.7197	2.3872
164.92	113.4027	2.3845
164.94	118.1776	2.3858
164.97	122.9524	2.3899
165.06	118.1776	2.3939
165.99	119.0958	2.4074
167.99	121.5751	2.4345
168.75	126.3499	2.4466
169.24	121.5751	2.4547
169.99	124.6971	2.4655
170.55	120.0141	2.475
170.6	115.2392	2.4763
170.72	120.0141	2.4723
170.75	124.6971	2.475
171.99	125.9826	2.4939
172.55	121.2078	2.5033
172.65	125.9826	2.5006
173.98	130.6656	2.5222
173.99	129.6556	2.5222
175.97	134.4304	2.5519
175.99	133.1449	2.5519
176.5	128.37	2.56
176.64	133.1449	2.5614
176.77	137.8279	2.5627
176.98	133.1449	2.5668
177.99	135.2569	2.5816
178.47	130.5738	2.5897
178.68	135.2569	2.587
179.99	135.2569	2.6113
180.48	130.482	2.6181
180.67	135.2569	2.6167
180.74	139.9399	2.6194
181.99	139.2971	2.6383
182.52	134.6141	2.6491
182.65	139.2971	2.6464
183.99	142.1437	2.668
184.14	137.3688	2.6721
184.26	142.1437	2.6707
185.98	143.6128	2.6977
186.52	138.9298	2.7058
186.61	143.6128	2.7058
187.98	145.1738	2.7261
188.49	140.399	2.7342
188.62	145.1738	2.7342
189.98	148.5713	2.7545
191.98	152.3361	2.7842
193.7	157.0192	2.8085
193.98	155.7336	2.8125
195.26	160.4166	2.8314
195.98	161.3349	2.8422
196.49	156.6519	2.849

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
172.83	498.7018	2.5006
172.83	503.2338	2.4979
172.84	507.6787	2.4979
172.85	512.2108	2.4979
172.86	516.6557	2.4993
172.87	521.1878	2.4979
172.88	525.6327	2.5006
172.88	530.1648	2.502
172.89	534.6097	2.5006
172.9	539.1418	2.5047
173.28	534.6097	2.5101
173.63	530.0776	2.5182
173.72	534.5225	2.5168
173.99	537.573	2.5209
174.32	532.9537	2.5303
174.33	528.5088	2.5303
174.35	523.9768	2.5303
174.36	519.5318	2.5303
174.38	514.9998	2.5303
174.4	510.5549	2.5317
174.42	506.0228	2.5317
174.43	501.4907	2.5317
174.45	497.0458	2.5317
174.46	492.5137	2.533
174.48	488.0688	2.533
174.5	483.5368	2.533
174.51	479.0919	2.533
174.53	474.5598	2.533
174.54	470.0277	2.5303
174.58	465.5828	2.529
174.63	470.1149	2.5276
174.64	474.5598	2.529
174.65	479.0919	2.5303
174.67	483.5368	2.5276
174.68	488.0688	2.5303
174.69	492.5137	2.5276
174.71	497.0458	2.529
174.71	501.5779	2.5249
174.72	506.0228	2.5249
174.73	510.5549	2.5236
174.74	514.9998	2.5276
174.74	519.5318	2.5276
174.75	524.0639	2.5249
174.76	528.5088	2.5263
174.77	533.0409	2.5276
174.77	537.4858	2.5249
174.78	542.0179	2.529
174.79	546.4628	2.5303
174.81	550.9949	2.5317
174.94	546.4628	2.5357
175.99	547.2472	2.5519
176.17	551.7793	2.5533
176.3	547.2472	2.5587
176.33	542.7151	2.5587
176.35	538.183	2.56

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
128.55	852.4	1.8593
128.74	847.2	1.862
128.94	852.3	1.8674
129.99	849.5	1.8795
130.16	854.6	1.8822
130.71	849.4	1.8903
131.02	854.5	1.8944
131.37	849.3	1.9011
131.99	852.7	1.9092
132.42	857.8	1.916
132.73	852.6	1.9214
132.93	857.7	1.9227
133.02	862.9	1.9241
133.72	868	1.9349
133.99	868.3	1.9389
134.52	873.4	1.9457
134.85	868.2	1.9511
134.93	873.4	1.9524
135.04	878.6	1.9538
135.96	883.6	1.9673
135.99	882.9	1.9686
136.94	888	1.9821
137.92	893	1.997
137.99	891.6	1.997
138.57	896.8	2.0051
138.64	891.6	2.0078
138.97	896.7	2.0105
139.38	901.8	2.0172
139.99	902.8	2.0253
140.8	897.5	2.0375
140.89	902.7	2.0375
140.93	907.8	2.0402
141.43	913	2.0469
141.99	915.7	2.055
142.72	910.4	2.0658
142.93	915.5	2.0685
143.01	920.7	2.0685
143.81	925.8	2.082
143.99	921.6	2.0834
144.37	926.7	2.0901
144.78	921.5	2.0955
144.89	926.7	2.0955
144.98	931.8	2.0969
145.76	936.9	2.109
145.94	942.1	2.1117
145.99	940.3	2.1131
146.71	935.1	2.1225
146.97	940.2	2.1253
147.16	945.3	2.1293
147.63	940.1	2.1374
147.74	945.3	2.1388
147.99	947.3	2.1415
149.04	952.3	2.1563
149.99	953.6	2.1712
150.75	948.3	2.1833

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.74	276.4363	1.7026
117.76	282.6564	1.7053
117.8	288.8766	1.708
117.99	287.2019	1.7094
119.72	293.422	1.7337
119.99	292.5847	1.7404
120.64	298.6852	1.7499
120.66	292.4651	1.7499
121.36	298.6852	1.7607
121.49	292.4651	1.762
121.58	286.245	1.7634
121.66	292.4651	1.762
121.73	298.6852	1.7634
121.99	299.0441	1.7701
122.9	305.2642	1.7823
123.01	299.0441	1.785
123.72	305.2642	1.7931
123.99	302.7522	1.7985
125.3	308.8527	1.8174
125.53	302.6326	1.8214
125.66	308.8527	1.8214
125.99	308.4938	1.8268
126.27	314.5943	1.8309
127.52	308.3742	1.8512
127.58	302.1541	1.8525
127.69	308.3742	1.8512
127.72	314.5943	1.8485
127.74	320.8145	1.8512
127.99	322.0106	1.8566
129.21	328.2308	1.8728
129.48	321.891	1.8782
129.69	328.1111	1.8795
129.99	329.7858	1.8863
130.51	336.0059	1.8917
130.56	329.7858	1.8944
131.01	336.0059	1.8998
131.45	329.6662	1.9065
131.56	323.5657	1.9092
131.67	329.6662	1.9065
131.69	335.8863	1.9092
131.79	342.1064	1.9119
131.99	341.2691	1.9146
133.29	347.3696	1.9335
133.43	341.1495	1.9362
133.48	335.049	1.9362
133.53	328.8288	1.9376
133.56	322.6087	1.9389
133.63	316.3886	1.9389
133.73	322.6087	1.9362
133.75	328.8288	1.9362
133.77	334.9293	1.9376
133.78	341.1495	1.9376
133.8	347.3696	1.9376
133.99	352.3935	1.943
134.3	346.1734	1.9484

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
196.68	161.3349	2.8503
196.75	166.1097	2.853
197.02	161.3349	2.8571
197.53	166.0179	2.8652
197.98	165.0997	2.8692
199.71	169.7827	2.8962
199.98	169.7827	2.8989
201.98	173.4557	2.9286
202.5	168.7726	2.9367
202.64	173.4557	2.9367
203.63	178.1387	2.9516
203.98	177.8632	2.9597
205.98	181.2607	2.9867
207.98	185.5764	3.0164
208.45	180.8016	3.0245
208.64	185.5764	3.0245
209.98	188.9739	3.0434
210.52	184.2909	3.0529
210.65	188.9739	3.0515
211.89	193.657	3.0704
211.98	193.0142	3.0745
212.45	188.2393	3.0826
212.69	193.0142	3.0799
212.7	197.6972	3.0853
212.74	193.0142	3.0866
212.81	188.2393	3.0866
212.98	193.0142	3.0853
213.01	197.6972	3.0866
213.98	196.0444	3.1042
214.46	191.3614	3.1109
214.54	186.6783	3.1123
214.67	191.3614	3.1096
214.69	196.0444	3.1082
214.71	200.7274	3.1109
215.98	201.3702	3.1312
217.1	206.0532	3.1474
217.98	206.4205	3.1595
219.98	209.4507	3.1892
221.42	214.1337	3.2095
221.98	214.4092	3.2189
223.66	219.0922	3.2432
223.98	218.7249	3.2486
224.45	214.0419	3.254
224.66	218.7249	3.254
224.7	223.4998	3.2567
225.98	224.0507	3.277
226.43	219.4595	3.2837
226.62	224.2344	3.2851
227.64	228.9174	3.2986
227.98	227.9992	3.3053
229.28	232.8658	3.3229
229.98	232.5904	3.335
231.52	237.3652	3.3567
231.98	237.0897	3.3621
232.47	232.4067	3.3715

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
176.37	533.7381	2.5587
176.39	529.2061	2.56
176.41	524.7612	2.56
176.43	520.2291	2.5587
176.45	515.7842	2.5614
176.46	511.2521	2.5614
176.48	506.8072	2.56
176.5	502.2751	2.5614
176.52	497.7431	2.5627
176.53	493.2981	2.5614
176.56	488.7661	2.5627
176.58	484.3212	2.5614
176.59	479.7891	2.56
176.7	484.3212	2.56
176.73	488.7661	2.5587
176.75	493.2981	2.5587
176.77	497.7431	2.56
176.78	502.2751	2.556
176.79	506.8072	2.5587
176.8	511.2521	2.5573
176.81	515.7842	2.556
176.82	520.2291	2.556
176.82	524.7612	2.556
176.83	529.2932	2.556
176.83	533.7381	2.556
176.83	538.2702	2.5573
176.84	543.0637	2.5587
176.84	547.5086	2.56
176.85	552.0407	2.5587
176.86	556.4856	2.56
176.87	561.0177	2.5614
177.11	556.4856	2.5668
177.86	560.8434	2.5789
177.99	560.5819	2.5803
178.3	556.0499	2.587
178.31	551.5178	2.5884
178.33	547.0729	2.587
178.35	542.5408	2.5897
178.37	538.0959	2.5884
178.38	533.5638	2.5897
178.39	529.1189	2.5884
178.41	524.5868	2.5897
178.43	520.0548	2.5897
178.44	515.6099	2.5911
178.45	511.0778	2.5911
178.47	506.6329	2.5911
178.48	502.1008	2.5911
178.49	497.6559	2.5911
178.51	493.1238	2.5911
178.52	488.6789	2.5897
178.55	484.1469	2.5897
178.64	488.6789	2.5884
178.65	493.1238	2.5857
178.66	497.6559	2.587
178.68	502.1008	2.587

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
150.92	953.5	2.182
151.02	958.6	2.186
151.82	963.7	2.1982
151.99	959.5	2.2009
152.34	964.6	2.2036
152.69	959.4	2.2117
152.77	954.2	2.2117
152.93	959.4	2.2117
152.95	964.6	2.2117
153.02	969.7	2.2144
153.99	971.6	2.2279
154.75	966.3	2.24
154.92	971.5	2.2427
155	976.7	2.2427
155.23	971.4	2.2468
155.29	976.6	2.2481
155.99	979.3	2.2576
156.54	984.4	2.2657
156.71	979.2	2.2684
156.92	984.3	2.2711
157	989.5	2.2724
157.11	984.3	2.2738
157.43	989.4	2.2778
157.44	994.5	2.2819
157.45	989.4	2.2819
157.45	984.2	2.2819
157.46	979	2.2832
157.48	973.8	2.2832
157.49	968.7	2.2832
157.5	963.5	2.2832
157.51	958.3	2.2846
157.52	953.2	2.2846
157.53	948	2.2846
157.54	942.8	2.2846
157.55	937.6	2.2859
157.56	932.5	2.2859
157.57	927.3	2.2859
157.58	922.1	2.2859
157.59	916.9	2.2859
157.6	911.8	2.2859
157.61	906.6	2.2846
157.62	901.4	2.2859
157.63	896.3	2.2846
157.65	891.1	2.2846
157.66	886	2.2819
157.8	891.1	2.2819
157.82	896.3	2.2819
157.83	901.5	2.2805
157.85	906.6	2.2819
157.86	911.8	2.2819
157.87	917	2.2819
157.88	922.2	2.2819
157.88	927.4	2.2792
157.89	932.5	2.2792
157.9	937.7	2.2805

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
134.51	352.2739	1.9511
135.5	346.0538	1.9659
135.68	352.2739	1.9659
135.7	358.494	1.9686
135.99	361.3648	1.9727
137.25	367.4653	1.9916
137.42	361.2452	1.9943
137.75	367.4653	1.9956
137.99	369.14	2.0024
138.85	375.2405	2.0132
139.53	369.0204	2.0253
139.68	375.2405	2.0226
139.72	381.4606	2.024
139.99	378.4702	2.0294
140.31	384.6903	2.0348
141.21	390.7908	2.0483
141.36	384.5707	2.051
141.72	390.7908	2.0537
141.99	395.3362	2.0577
143.76	401.4367	2.0834
143.99	400.9583	2.0874
144.72	407.1784	2.0982
145.49	400.8387	2.109
145.5	407.0588	2.1104
145.5	413.2789	2.1117
145.54	407.0588	2.1144
145.55	400.8387	2.1158
145.56	394.7382	2.1158
145.58	388.518	2.1144
145.59	382.2979	2.1171
145.6	376.0778	2.1171
145.61	369.8577	2.1185
145.62	363.6376	2.1185
145.63	357.5371	2.1198
145.64	351.317	2.1185
145.65	345.0968	2.1185
145.66	338.8767	2.1185
145.67	332.7762	2.1171
145.69	326.5561	2.1158
145.7	320.336	2.1144
145.72	314.1159	2.1144
145.81	320.336	2.1131
145.83	326.5561	2.1117
145.85	332.7762	2.1117
145.87	338.8767	2.1117
145.88	345.0968	2.1104
145.89	351.317	2.1104
145.9	357.5371	2.1104
145.91	363.7572	2.1104
145.92	369.9773	2.109
145.93	376.0778	2.109
145.94	382.2979	2.1104
145.95	388.518	2.1104
145.95	394.7382	2.109
145.96	400.8387	2.1104

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
232.63	237.0897	3.3715
232.7	241.8646	3.3715
233.98	243.9765	3.3931
234.42	239.2935	3.3999
234.65	244.0684	3.3999
235.98	244.6193	3.4215
236.43	239.9363	3.4282
236.56	244.6193	3.4296
237.68	249.3023	3.4458
237.98	248.6596	3.4512
238.72	253.4344	3.4606
239.98	256.0055	3.4809
240.53	251.1388	3.4876
240.6	255.8218	3.4876
240.68	260.5967	3.489
241.98	261.6068	3.5065
243.21	266.4734	3.5254
243.98	267.9426	3.5376
244.49	263.1678	3.5457
244.61	267.759	3.547
245.54	272.5338	3.5592
245.98	272.442	3.5673
246.39	267.759	3.574
246.59	272.442	3.5754
246.72	277.0332	3.5767
247.98	277.5842	3.5956
248.44	272.8093	3.6024
248.48	268.1263	3.6037
248.53	263.4432	3.6051
248.56	258.7602	3.6064
248.61	254.0772	3.6051
248.73	258.7602	3.6037
248.76	263.4432	3.6037
248.78	268.1263	3.6024
248.79	272.8093	3.601
248.81	277.4923	3.6024
248.82	282.1754	3.6037
248.84	286.8584	3.6051
249.19	282.1754	3.6132
249.98	284.9301	3.624
251.15	289.5213	3.6402
251.98	290.1641	3.6524
252.75	294.7553	3.6632
253.98	293.4697	3.6821
254.7	298.1527	3.6915
255.98	299.3465	3.7104
257.98	301.4584	3.7388
258.46	296.7754	3.7482
258.52	292.0924	3.7496
258.63	296.7754	3.7482
258.66	301.3666	3.7469
258.69	306.0496	3.7496
259.98	309.1716	3.7685
261.27	313.7628	3.7874
261.98	314.3138	3.7968

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
178.68	506.6329	2.5843
178.7	511.165	2.5843
178.7	515.6099	2.5843
178.71	520.1419	2.5843
178.72	524.5868	2.5843
178.73	529.1189	2.5843
178.74	533.5638	2.5816
178.74	538.0959	2.5843
178.75	542.5408	2.5843
178.76	547.0729	2.583
178.76	551.6049	2.583
178.77	556.0499	2.583
178.77	560.4948	2.5857
178.78	565.0268	2.5884
178.79	569.4717	2.5897
178.84	574.0038	2.5924
179.03	569.4717	2.5965
179.96	573.9167	2.6086
179.99	574.1781	2.6086
180.11	569.6461	2.61
180.31	565.114	2.6167
180.33	560.6691	2.6167
180.35	556.137	2.6167
180.37	551.6921	2.6167
180.39	547.16	2.6181
180.4	542.7151	2.6194
180.42	538.183	2.6181
180.43	533.7381	2.6194
180.45	529.2061	2.6181
180.46	524.7612	2.6194
180.47	520.2291	2.6194
180.49	515.7842	2.6194
180.51	511.2521	2.6194
180.52	506.8072	2.6167
180.55	502.2751	2.6194
180.57	497.8302	2.6154
180.64	502.2751	2.6181
180.67	506.72	2.6181
180.69	511.2521	2.614
180.7	515.7842	2.6154
180.71	520.2291	2.614
180.73	524.7612	2.6154
180.74	529.2061	2.6154
180.75	533.7381	2.6154
180.75	538.183	2.614
180.76	542.7151	2.6127
180.77	547.2472	2.6127
180.78	551.6921	2.614
180.78	556.2242	2.6127
180.79	560.6691	2.614
180.8	565.2011	2.6127
180.81	569.6461	2.614
180.81	574.1781	2.614
180.82	578.623	2.6181
180.83	583.0679	2.6181

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
157.91	942.9	2.2805
157.91	948	2.2792
157.92	953.2	2.2792
157.92	958.4	2.2792
157.93	963.5	2.2805
157.94	968.7	2.2805
157.94	973.9	2.2778
157.95	979	2.2805
157.96	984.2	2.2819
157.96	989.4	2.2819
157.97	994.5	2.2832
157.98	999.7	2.2846
157.99	1000.7	2.2859
158.28	995.5	2.2927
158.7	990.2	2.2981
158.76	985.1	2.2994
158.92	990.2	2.2994
158.95	995.4	2.2994
158.99	1000.5	2.3021
159.99	1004.2	2.317
160.76	998.9	2.3264
160.91	1004	2.3291
161.09	1009.2	2.3305
161.97	1014.2	2.344
161.99	1013.2	2.3453
162.56	1018.3	2.3521
162.66	1013.1	2.3561
162.75	1007.9	2.3561
162.86	1013.1	2.3575
162.97	1018.2	2.3575
163.32	1023.3	2.3642
163.99	1021.5	2.3723
164.39	1026.6	2.3804
164.68	1021.4	2.3845
164.93	1026.5	2.3872
165.16	1031.7	2.3899
165.99	1031.2	2.4034
166.57	1036.2	2.4115
166.67	1031.1	2.4128
166.96	1036.2	2.4169
167.43	1041.3	2.425
167.52	1036.1	2.4236
167.56	1041.3	2.4263
167.99	1041.2	2.4318
168.5	1046.3	2.4399
168.68	1041.1	2.4426
168.9	1046.2	2.4439
169.07	1051.4	2.4466
169.72	1056.4	2.4574
169.99	1054.6	2.4615
170.66	1049.4	2.4709
170.71	1044.2	2.4723
170.89	1049.4	2.4709
170.9	1054.5	2.4736
170.97	1059.7	2.475

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
145.97	407.0588	2.1104
145.99	413.2789	2.1117
145.99	414.1162	2.1144
146	420.3363	2.1158
146.16	414.1162	2.1212
147.07	420.2167	2.132
147.87	426.3172	2.1428
147.99	423.9249	2.1469
148.83	430.0254	2.1577
149.75	436.1259	2.1712
149.99	437.322	2.1752
151.15	443.4225	2.1914
151.99	446.6522	2.2049
152.81	452.8723	2.2157
153.79	458.9728	2.2292
153.99	455.2647	2.2333
154.95	461.3652	2.2468
155.77	467.4657	2.2603
155.99	465.791	2.2616
156.73	472.0111	2.2738
157.99	475.1212	2.29
158.43	481.3413	2.2967
159.75	487.4418	2.317
159.99	486.9633	2.3197
161.35	480.7432	2.3399
161.52	474.5231	2.3426
161.67	480.7432	2.344
161.87	486.8437	2.3467
161.99	486.8437	2.3494
162.79	492.9442	2.3602
163.7	499.0447	2.3737
163.99	497.0112	2.3777
164.6	503.1117	2.3872
165.64	509.2122	2.402
165.74	515.4323	2.4034
165.99	511.7242	2.4061
166.42	517.8247	2.4128
167.36	523.9252	2.4263
167.43	517.7051	2.4304
167.47	511.6046	2.4304
167.51	505.3845	2.4304
167.54	499.1643	2.4304
167.57	493.0638	2.4317
167.61	486.8437	2.4317
167.64	480.6236	2.4317
167.67	474.5231	2.4331
167.8	480.6236	2.4317
167.82	486.8437	2.4317
167.84	493.0638	2.4304
167.85	499.1643	2.429
167.87	505.3845	2.4304
167.88	511.6046	2.429
167.89	517.7051	2.429
167.9	523.9252	2.4304
167.91	530.0257	2.4331

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
262.41	309.6308	3.8063
262.48	304.9477	3.8063
262.56	300.2647	3.8076
262.63	304.9477	3.8036
262.66	309.6308	3.8036
262.67	314.3138	3.8036
262.69	318.9968	3.8063
263.98	320.7415	3.8279
264.7	325.4245	3.8373
265.98	326.8937	3.8549
266.5	322.2106	3.8643
266.55	317.5276	3.867
266.67	322.2106	3.863
266.69	326.8937	3.8643
266.74	331.5767	3.867
267.98	331.2094	3.8846
268.78	335.8006	3.8967
269.98	338.3717	3.9143
270.47	333.5968	3.9197
270.56	338.2799	3.921
270.66	342.9629	3.9237
271.98	346.544	3.944
272.89	351.3189	3.9562
273.98	350.1252	3.9724
274.66	354.8082	3.9805
275.98	357.1038	3.9994
276.71	361.9705	4.0115
277.98	362.4296	4.0291
278.67	367.0208	4.0385
279.98	368.7655	4.0588
280.65	373.3567	4.0682
281.98	376.6623	4.0885
282.77	381.3453	4.0993
283.98	384.651	4.1168
285.59	389.5177	4.1384
285.98	388.8749	4.1465
286.7	393.4661	4.156
287.98	394.3844	4.1749
288.68	399.0674	4.183
289.98	399.8938	4.2032
290.72	404.6687	4.214
291.98	405.6787	4.2316
292.66	410.5454	4.2424
293.9	415.3203	4.26
293.98	412.841	4.2627
294.68	417.4322	4.2708
295.98	418.9014	4.291
296.64	423.4926	4.3005
297.98	425.5127	4.3207
298.67	430.1958	4.3288
299.98	430.6549	4.3491
300.71	435.2461	4.3585
301.98	436.4398	4.3761
302.41	431.7568	4.3842
302.57	436.348	4.3869

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
180.85	587.6	2.6194
180.96	583.0679	2.6235
181.25	578.5359	2.6262
181.8	582.9808	2.6343
181.99	582.1092	2.637
182.3	577.5772	2.6451
182.33	573.0451	2.6437
182.36	568.6002	2.6451
182.39	564.0681	2.6437
182.43	559.6232	2.6464
182.45	555.0911	2.6464
182.48	550.6462	2.6464
182.52	546.1142	2.6464
182.6	550.6462	2.6437
182.61	555.0911	2.6437
182.62	559.6232	2.6437
182.64	564.0681	2.6437
182.65	568.6002	2.6424
182.66	573.0451	2.6424
182.67	577.5772	2.641
182.68	582.0221	2.6424
182.69	586.5542	2.6451
182.72	590.9991	2.6478
183.05	586.467	2.6518
183.29	590.9119	2.6572
183.88	595.3568	2.6653
183.99	593.8752	2.6667
184.29	589.3431	2.6734
184.31	584.8982	2.6734
184.32	580.3661	2.6748
184.34	575.8341	2.6761
184.36	571.3892	2.6748
184.37	566.8571	2.6761
184.39	562.4122	2.6761
184.4	557.8801	2.6761
184.42	553.4352	2.6761
184.43	548.9031	2.6775
184.45	544.4582	2.6775
184.46	539.9262	2.6775
184.47	535.4812	2.6775
184.49	530.9492	2.6788
184.5	526.5043	2.6788
184.51	521.9722	2.6775
184.53	517.5273	2.6748
184.63	522.0593	2.6721
184.65	526.5043	2.6748
184.66	531.0363	2.6734
184.67	535.4812	2.6721
184.69	540.0133	2.6721
184.7	544.4582	2.6721
184.71	548.9903	2.6721
184.71	553.4352	2.6721
184.72	557.9673	2.6721
184.73	562.4122	2.6707
184.74	566.9442	2.6707

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
171.99	1058.8	2.4898
172.58	1063.9	2.4979
172.68	1058.7	2.5006
172.79	1053.5	2.502
172.87	1058.7	2.502
173	1063.8	2.5047
173.31	1068.9	2.5101
173.81	1063.7	2.5168
173.92	1068.8	2.5168
173.99	1067.8	2.5195
174.83	1062.5	2.5303
174.88	1067.7	2.5303
174.99	1072.8	2.533
175.52	1077.8	2.5411
175.99	1078.1	2.5479
176.71	1072.8	2.5587
176.9	1078	2.56
176.96	1083.1	2.56
177.16	1088.2	2.5654
177.25	1083.1	2.5654
177.72	1088.2	2.5722
177.99	1088.8	2.5776
178.62	1093.8	2.587
178.67	1088.7	2.5884
178.71	1083.5	2.587
178.81	1078.3	2.5897
178.9	1083.5	2.587
178.92	1088.6	2.5897
178.95	1093.8	2.5897
179.21	1098.9	2.5938
179.99	1102.2	2.6059
180.68	1096.9	2.6167
180.9	1102.1	2.6167
180.98	1107.2	2.6194
181.76	1112.2	2.6316
181.83	1107.1	2.6316
181.99	1110.5	2.6343
182.39	1115.5	2.641
182.63	1110.3	2.6451
182.9	1115.5	2.6478
183.02	1120.6	2.6505
183.99	1123.2	2.664
184.71	1117.9	2.6748
184.79	1112.7	2.6761
184.88	1117.9	2.6734
184.9	1123	2.6775
184.96	1128.2	2.6775
185.17	1133.3	2.6815
185.98	1133.8	2.6937
186.71	1128.5	2.7045
186.9	1133.7	2.7045
186.98	1138.8	2.7058
187.84	1143.8	2.718
187.98	1142.8	2.7207
188.72	1137.5	2.7329

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.96	536.2458	2.4344
167.99	535.7673	2.4372
168.19	529.6668	2.4385
168.92	535.7673	2.4493
169.13	529.5472	2.4534
169.34	535.6477	2.4547
169.78	541.8678	2.4615
169.99	538.5185	2.4642
170.6	544.619	2.4736
171.73	550.7195	2.4898
171.99	549.8822	2.4925
172.24	555.9827	2.4966
173.1	562.0832	2.5101
173.44	555.8631	2.5168
173.5	549.7626	2.5182
173.52	543.5425	2.5182
173.56	537.442	2.5182
173.58	531.2219	2.5195
173.63	525.1214	2.5195
173.77	531.2219	2.5182
173.79	537.442	2.5168
173.81	543.5425	2.5168
173.82	549.7626	2.5155
173.83	555.9827	2.5141
173.85	562.0832	2.5168
173.86	568.3033	2.5182
173.89	574.4038	2.5209
173.99	570.3368	2.5222
175.29	576.3177	2.5411
175.56	570.0976	2.5452
175.71	576.3177	2.5465
175.99	577.0354	2.5519
176.33	583.2555	2.556
177.68	589.2364	2.5776
177.99	592.1072	2.5816
178.75	598.2077	2.5924
179.73	604.3082	2.6059
179.99	602.9924	2.61
180.29	609.2126	2.614
181.69	615.1934	2.6329
181.99	619.7389	2.6383
182.47	625.8394	2.6464
183.52	619.6193	2.6613
183.66	625.7198	2.6613
183.69	631.9399	2.6613
183.99	631.8203	2.668
184.85	637.9208	2.6802
185.53	631.7007	2.6896
185.61	637.8012	2.6923
185.71	644.0213	2.691
185.98	646.8921	2.695
186.63	652.9926	2.7058
187.72	658.9735	2.7207
187.98	662.2032	2.7261
188.85	668.3037	2.7369

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
302.76	441.031	4.3882
303.98	441.8574	4.4071
304.79	446.7241	4.4179
305.97	447.9178	4.4382
306.4	443.2348	4.4422
306.59	447.9178	4.4436
306.75	452.509	4.4463
307.97	454.5291	4.4652
308.7	459.2122	4.4746
309.97	460.0386	4.4935
310.68	464.6298	4.503
311.8	469.4965	4.5192
311.97	468.8537	4.5232
313.16	473.7204	4.5381
313.97	475.1895	4.5516
314.45	470.5065	4.5597
314.54	475.1895	4.5597
314.66	479.7807	4.5611
315.85	475.0059	4.58
315.97	475.6487	4.58
316.41	470.9656	4.5867
316.61	475.6487	4.5894
316.86	480.2399	4.5935
317.76	485.1065	4.6056
317.97	484.4638	4.6083
318.73	489.3305	4.6191
319.97	491.0751	4.638
320.68	496.0336	4.6488
320.89	491.3506	4.6529
320.98	495.9418	4.6529
321.97	496.86	4.6691
322.15	501.4512	4.6704
322.34	496.7682	4.6745
322.44	492.177	4.6745
322.56	496.7682	4.6745
322.58	501.4512	4.6745
322.69	506.0424	4.6785
323.97	506.5934	4.6974
324.67	511.4601	4.7069
325.75	516.3267	4.7217
325.97	515.9594	4.7244
326.18	511.3682	4.7285
326.29	515.9594	4.7285
327.15	520.8261	4.742
327.97	523.489	4.7541
328.38	518.8978	4.7609
328.57	523.489	4.7636
328.73	528.0802	4.7649
329.97	532.0286	4.7838
330.44	527.3456	4.7906
330.55	531.9368	4.7919
331.04	536.8035	4.7987
331.97	537.3544	4.8122
332.45	532.7632	4.8203
332.53	537.3544	4.8189

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
184.75	571.3892	2.668
184.75	575.9212	2.6694
184.76	580.7148	2.6694
184.76	585.1597	2.6694
184.77	589.6917	2.6707
184.78	594.1367	2.6707
184.79	598.5816	2.6748
184.79	603.1136	2.6775
184.82	607.5585	2.6788
185.03	603.0265	2.6815
185.69	598.4944	2.6923
185.75	603.0265	2.6923
185.98	604.5081	2.695
186.3	599.976	2.7031
186.32	595.444	2.7031
186.34	590.9991	2.7031
186.36	586.467	2.7031
186.37	582.0221	2.7045
186.39	577.49	2.7045
186.41	573.0451	2.7058
186.43	568.513	2.7045
186.44	564.0681	2.7058
186.46	559.5361	2.7072
186.47	555.0911	2.7058
186.49	550.5591	2.7058
186.5	546.1142	2.7072
186.52	541.5821	2.7045
186.55	537.1372	2.7072
186.57	532.6051	2.7045
186.66	537.1372	2.7031
186.7	541.5821	2.7031
186.72	546.1142	2.7031
186.73	550.5591	2.7031
186.74	555.0911	2.7031
186.76	559.5361	2.7018
186.77	564.0681	2.7004
186.77	568.513	2.7018
186.78	573.0451	2.7018
186.79	577.49	2.7018
186.8	582.0221	2.7004
186.81	586.467	2.7004
186.81	590.9991	2.7004
186.82	595.444	2.7031
186.83	599.976	2.7018
186.84	604.421	2.7018
186.85	608.953	2.7031
186.86	613.3979	2.7031
186.87	617.8429	2.7058
187.19	613.3108	2.7126
187.98	615.0539	2.7234
188.3	610.5218	2.7315
188.32	606.0769	2.7329
188.33	601.5448	2.7342
188.34	597.0999	2.7342
188.35	592.5679	2.7356

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
188.87	1142.6	2.7342
188.9	1147.7	2.7356
189.27	1152.8	2.741
189.33	1147.7	2.741
189.5	1152.8	2.7437
189.67	1147.6	2.7464
189.76	1152.7	2.7477
189.98	1152.7	2.7504
190.53	1157.8	2.7585
190.62	1152.6	2.7612
190.95	1157.7	2.7639
191.4	1162.8	2.7707
191.98	1163.3	2.7788
192.44	1168.4	2.7869
192.69	1163.2	2.7909
192.9	1168.3	2.7923
193.26	1173.4	2.7977
193.98	1174	2.8085
194.22	1179.1	2.8112
194.29	1173.9	2.8125
194.54	1179	2.8166
194.65	1173.8	2.8193
194.71	1168.7	2.8206
194.84	1173.8	2.8206
194.89	1178.9	2.822
195	1184.1	2.8247
195.17	1178.9	2.826
195.28	1184	2.8274
195.36	1178.9	2.8287
195.42	1184	2.8287
195.66	1189.1	2.8328
195.71	1183.9	2.8341
195.98	1184.6	2.8355
196.32	1189.6	2.8436
196.65	1184.4	2.849
196.73	1179.3	2.8476
196.86	1184.4	2.849
196.94	1189.5	2.8517
196.98	1194.7	2.8517
197.35	1189.5	2.8584
197.41	1184.3	2.8571
197.47	1189.5	2.8571
197.8	1194.5	2.8638
197.98	1193.1	2.8665
198.13	1188	2.8679
198.24	1193.1	2.8706
199.06	1198.1	2.8814
199.98	1202.4	2.8949
200.36	1197.2	2.8989
200.4	1202.3	2.9003
200.71	1197.1	2.907
200.84	1202.2	2.9084
200.9	1207.3	2.9097
201.98	1208.5	2.9246
202.25	1213.6	2.9273

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
189.66	674.4042	2.7518
189.98	675.6003	2.7545
190.57	681.7008	2.7639
191.42	675.4807	2.7761
191.75	681.5812	2.7788
191.98	685.2894	2.7828
192.97	691.2702	2.7977
193.75	697.3707	2.8085
193.98	696.5334	2.8125
194.57	702.6339	2.8206
195.7	708.6148	2.8355
195.98	711.4856	2.8422
196.9	717.5861	2.8544
197.47	711.366	2.8652
197.51	705.1459	2.8652
197.68	711.366	2.8625
197.7	717.4665	2.8638
197.72	723.567	2.8652
197.98	725.9594	2.8706
199.08	732.0599	2.8868
199.48	725.8397	2.8922
199.65	731.9402	2.8935
199.73	738.1603	2.8962
199.98	738.0407	2.8989
200.66	744.1412	2.9097
201.65	750.2417	2.9246
201.98	751.4379	2.9286
202.66	757.4188	2.9367
203.48	751.1987	2.9502
203.65	757.2992	2.9516
203.73	763.5193	2.9543
203.98	764.7155	2.957
204.82	770.6963	2.9691
205.71	776.7968	2.9813
205.98	775.481	2.9867
206.15	781.5815	2.988
207.03	787.682	3.0015
207.49	781.4619	3.0083
207.65	787.5624	3.011
207.84	793.6629	3.0123
207.98	790.7921	3.015
208.58	796.8926	3.0231
209.49	790.6725	3.038
209.62	796.773	3.038
209.71	802.8735	3.0407
209.98	803.2323	3.0448
211.65	809.5721	3.0691
211.98	811.2467	3.0745
213.22	817.2276	3.0907
213.45	811.0075	3.0947
213.64	817.108	3.0961
213.98	823.2085	3.1015
213.98	822.0123	3.1028
215.49	815.6726	3.1258
215.62	821.7731	3.1258

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
332.66	541.9456	4.8216
333.94	546.8123	4.8405
333.97	546.8123	4.8405
335.04	551.5872	4.8567
335.97	552.1381	4.8703
336.92	557.0048	4.8851
337.97	557.5557	4.8986
338.65	562.4224	4.9081
339.31	567.2891	4.9189
339.97	566.5545	4.9283
340.34	561.9633	4.9351
340.38	557.2803	4.9351
340.44	552.6891	4.9364
340.5	548.0979	4.9378
340.61	552.6891	4.9351
340.63	557.3721	4.9337
340.65	561.9633	4.9351
340.66	566.5545	4.9351
340.68	571.1457	4.9364
340.81	576.1042	4.9405
340.92	571.4212	4.9432
341.61	576.2878	4.9526
341.86	571.6966	4.9567
341.97	574.7268	4.9567
342.44	570.0438	4.9648
342.51	574.7268	4.9634
342.63	579.318	4.9661
343.65	584.0929	4.981
343.97	582.8992	4.9864
344.67	587.7659	4.9945
345.83	592.5407	5.0134
345.97	594.1017	5.0161
346.34	589.4187	5.0228
346.4	584.8275	5.0215
346.5	580.1445	5.0228
346.56	584.8275	5.0228
346.59	589.4187	5.0201
346.61	594.2854	5.0242
346.66	598.9684	5.0242
346.98	594.2854	5.0296
347.46	599.152	5.0363
347.97	597.8665	5.0444
348.63	602.7332	5.0525
349.62	607.5998	5.0674
349.97	604.7533	5.0728
350.15	609.3445	5.0755
350.38	604.7533	5.0795
350.58	609.3445	5.0822
351.03	614.2112	5.0876
351.97	615.9558	5.1025
352.64	620.8225	5.1106
353.82	625.5974	5.1295
353.97	626.2401	5.1322
354.35	621.5571	5.1376
354.57	626.1483	5.1389

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
188.36	588.1229	2.7342
188.37	583.5909	2.7369
188.38	579.146	2.7356
188.39	574.6139	2.7356
188.4	570.169	2.7369
188.41	565.6369	2.7369
188.42	561.192	2.7369
188.43	556.6599	2.7369
188.44	552.215	2.7383
188.45	547.683	2.7369
188.46	543.238	2.7369
188.47	538.7931	2.7342
188.48	534.2611	2.7342
188.5	529.8162	2.7329
188.58	534.2611	2.7288
188.59	538.7931	2.7302
188.61	543.238	2.7274
188.61	547.7701	2.7288
188.62	552.215	2.7288
188.63	556.7471	2.7261
188.63	561.192	2.7274
188.64	565.7241	2.7261
188.65	570.169	2.7274
188.65	574.7011	2.7274
188.66	579.146	2.7261
188.67	583.678	2.7247
188.67	588.1229	2.7274
188.68	592.655	2.7247
188.69	597.0999	2.7274
188.69	601.632	2.7261
188.7	606.0769	2.7274
188.7	610.5218	2.7274
188.71	615.0539	2.7315
188.72	619.4988	2.7315
188.73	623.9437	2.7342
189.46	619.4116	2.7464
189.63	623.8566	2.7477
189.98	622.3749	2.7545
190.32	617.8429	2.7599
190.36	613.3108	2.7612
190.4	608.8659	2.7612
190.43	604.3338	2.7599
190.48	599.8889	2.7612
190.59	604.3338	2.7585
190.6	608.8659	2.7572
190.61	613.3979	2.7572
190.62	617.8429	2.7572
190.63	622.2878	2.7572
190.64	626.8198	2.7599
190.65	631.2647	2.7626
191.82	635.6225	2.7801
191.98	634.6638	2.7828
192.31	630.2189	2.7896
192.34	625.6868	2.7896
192.36	621.2419	2.7896

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.75	1208.3	2.9381
202.78	1203.2	2.9367
202.81	1198.1	2.9367
202.89	1193	2.9367
202.94	1198.1	2.9354
202.95	1203.2	2.9354
202.97	1208.4	2.9367
202.98	1213.5	2.9381
203.02	1218.6	2.9394
203.49	1223.6	2.9462
203.55	1218.5	2.9475
203.77	1223.6	2.9502
203.83	1218.4	2.9516
203.98	1220.1	2.9543
204.38	1225.2	2.9597
204.45	1220.1	2.9597
204.52	1225.2	2.961
204.65	1220	2.9624
204.9	1225.1	2.9678
205.06	1230.2	2.9691
205.13	1225.1	2.9691
205.22	1230.2	2.9705
205.67	1225	2.9772
205.71	1230.1	2.9786
205.98	1233.5	2.9826
206.63	1228.2	2.9921
206.88	1233.3	2.9934
206.98	1238.4	2.9975
207.13	1233.2	2.9988
207.18	1238.4	2.9988
207.98	1241	3.011
208.67	1235.7	3.0218
208.73	1230.5	3.0231
208.81	1225.4	3.0231
208.88	1230.6	3.0218
208.89	1235.7	3.0231
208.92	1240.8	3.0231
208.96	1245.9	3.0231
209.92	1251.2	3.0394
209.98	1246.7	3.0407
210.12	1251.9	3.0421
210.67	1246.6	3.0515
210.84	1251.7	3.0529
210.95	1256.8	3.0529
211.98	1259	3.0691
212.64	1253.8	3.0799
212.7	1248.6	3.0799
212.8	1253.8	3.0799
212.89	1258.9	3.0826
213.04	1263.9	3.0853
213.98	1262.1	3.0988
214.24	1267.1	3.1028
214.65	1261.9	3.1082
214.88	1267	3.1109
215.02	1272.1	3.1136

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
215.72	827.8736	3.1285
215.98	828.7109	3.1325
216.88	834.6918	3.1433
217.46	828.4717	3.1541
217.5	822.3712	3.1541
217.65	828.4717	3.1528
217.68	834.6918	3.1541
217.7	840.7923	3.1541
217.98	843.1846	3.1609
219.08	849.1655	3.1744
219.62	842.9454	3.1825
219.65	849.0459	3.1865
219.84	855.1464	3.1879
219.98	854.7875	3.1906
220.74	860.7684	3.2
221.71	866.7493	3.2135
221.98	868.3043	3.2203
222.72	874.4048	3.2284
223.74	880.3857	3.2432
223.98	879.9072	3.2486
224.82	886.0077	3.2594
225.71	891.9886	3.2729
225.98	894.7398	3.277
227.1	900.7207	3.2918
227.88	906.8212	3.3026
227.98	908.0174	3.3053
229.68	914.2375	3.3296
229.91	920.338	3.3337
229.98	919.9791	3.335
231.2	926.3189	3.3526
231.48	920.0988	3.358
231.51	913.9983	3.3567
231.59	907.8978	3.358
231.68	913.9983	3.3567
231.69	920.0988	3.3567
231.71	926.1993	3.358
231.78	932.2998	3.3607
231.98	930.6251	3.3634
232.24	936.7256	3.3675
232.3	930.6251	3.3675
232.9	936.7256	3.3756
233.44	930.5055	3.3864
233.63	936.606	3.3864
233.98	942.228	3.3918
235.06	948.5677	3.408
235.42	942.4672	3.4134
235.52	936.2471	3.4147
235.61	942.4672	3.4134
235.63	948.5677	3.4161
235.8	954.6682	3.4174
235.98	956.2233	3.4215
237.69	962.4434	3.4444
237.98	965.3142	3.4498
238.82	971.2951	3.4606
239.43	965.075	3.4728

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
354.67	631.1068	5.1416
355.88	635.8817	5.1592
355.97	631.8414	5.1592
356.18	636.7999	5.1619
356.27	632.1169	5.1646
356.58	636.7081	5.1673
357	641.5748	5.1754
357.07	636.9836	5.1767
357.16	641.5748	5.1781
357.45	636.8917	5.1822
357.54	641.5748	5.1822
357.97	640.8402	5.1903
358.41	636.249	5.1957
358.52	640.8402	5.1957
358.58	645.7068	5.1984
359.62	650.5735	5.2132
359.97	649.9307	5.2186
360.34	645.2477	5.2267
360.37	640.6565	5.2254
360.43	636.0653	5.2267
360.47	631.3823	5.2267
360.58	636.0653	5.2267
360.62	640.6565	5.224
360.63	645.2477	5.224
360.64	649.8389	5.224
360.67	654.7056	5.2267
361.97	654.3383	5.247
362.03	658.9295	5.2483
362.76	663.7044	5.2591
362.94	659.1132	5.2618
363.2	663.9798	5.2632
363.97	665.0817	5.278
364.31	660.4905	5.2821
364.52	665.0817	5.2834
364.62	669.6729	5.2848
365.97	671.0503	5.305
366.36	666.4591	5.3118
366.51	671.0503	5.3118
366.68	675.917	5.3145
367.35	671.2339	5.3239
367.86	676.1006	5.3334
367.97	675.1824	5.3334
368.36	670.4993	5.3401
368.5	675.0905	5.3401
368.64	679.9572	5.3428
369.14	684.8239	5.3509
369.22	680.2327	5.3523
369.77	685.0994	5.359
369.97	684.4566	5.3631
370.39	679.7736	5.3698
370.51	684.3648	5.3698
370.65	689.3233	5.3725
371.97	690.9761	5.3928
372.63	695.8428	5.4009
373.67	700.6176	5.4157

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
192.39	616.7098	2.7909
192.42	612.2649	2.7909
192.44	607.7329	2.7909
192.46	603.2879	2.7909
192.49	598.7559	2.7923
192.52	594.311	2.7909
192.55	589.8661	2.7909
192.6	594.311	2.7909
192.63	598.7559	2.7909
192.65	603.2879	2.7882
192.66	607.82	2.7869
192.67	612.2649	2.7882
192.68	616.7098	2.7882
192.69	621.2419	2.7882
192.71	625.6868	2.7869
192.71	630.2189	2.7869
192.72	634.6638	2.7896
192.73	639.1087	2.7896
192.75	643.6408	2.7923
192.79	648.0857	2.795
192.88	643.6408	2.7936
193.83	647.9985	2.8098
193.98	646.4297	2.8125
194.28	641.9848	2.8193
194.29	637.4528	2.8193
194.31	633.0079	2.8193
194.32	628.4758	2.8206
194.34	624.0309	2.8206
194.35	619.4988	2.822
194.36	615.0539	2.822
194.37	610.5218	2.822
194.38	606.0769	2.822
194.38	601.5448	2.8233
194.39	597.0999	2.822
194.4	592.655	2.8247
194.41	588.1229	2.8233
194.42	583.678	2.8233
194.43	579.146	2.8247
194.44	574.7011	2.8233
194.45	570.2561	2.8233
194.46	565.7241	2.822
194.47	561.2792	2.8206
194.5	556.8342	2.8193
194.55	561.2792	2.8193
194.58	565.8112	2.8152
194.59	570.2561	2.8152
194.6	574.7882	2.8139
194.61	579.2331	2.8139
194.61	583.7652	2.8125
194.62	588.2101	2.8125
194.63	592.655	2.8125
194.63	597.1871	2.8125
194.64	601.632	2.8139
194.64	606.1641	2.8125
194.65	610.609	2.8125

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
215.98	1274.3	3.1271
216.67	1269.1	3.1366
216.84	1274.2	3.1406
216.98	1279.3	3.1406
217.44	1284.3	3.1487
217.7	1279.1	3.1528
217.98	1284.2	3.1568
217.98	1283.5	3.1555
218.65	1278.3	3.1663
218.88	1283.4	3.1676
219	1288.4	3.1717
219.98	1287.6	3.1852
220.04	1292.7	3.1852
220.67	1287.4	3.196
220.77	1282.3	3.1973
220.83	1287.4	3.1973
220.88	1292.5	3.196
220.98	1297.6	3.1987
221.98	1298.5	3.2122
222.45	1303.5	3.2203
222.54	1298.3	3.223
222.76	1293.2	3.2257
222.83	1298.3	3.227
222.94	1303.4	3.227
223.98	1306.6	3.2432
224.6	1311.9	3.254
224.64	1306.8	3.254
224.74	1301.7	3.254
224.83	1306.8	3.2554
224.89	1311.9	3.2581
225.98	1313.4	3.2729
226.44	1318.4	3.2797
226.6	1313.2	3.2824
226.63	1308.1	3.2824
226.74	1303	3.2837
226.84	1308.1	3.2824
226.88	1313.2	3.2837
226.95	1318.3	3.2864
227.22	1313.1	3.2905
227.41	1318.2	3.2918
227.98	1319.8	3.3013
228.08	1314.7	3.3026
228.35	1319.7	3.3067
228.65	1314.5	3.3134
228.72	1309.4	3.3121
228.84	1314.5	3.3134
228.91	1319.6	3.3148
229.28	1324.6	3.3202
229.48	1319.5	3.3229
229.64	1324.6	3.3256
229.98	1325.2	3.3296
230.89	1330.5	3.3432
231.27	1335.5	3.3499
231.32	1330.4	3.3499
231.51	1335.5	3.3513

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
239.61	971.1755	3.4714
239.72	977.276	3.4741
239.98	975.1229	3.4795
241.09	981.5822	3.4944
241.42	975.3621	3.5011
241.5	969.2616	3.5025
241.64	975.3621	3.5011
241.67	981.4626	3.5025
241.7	987.5631	3.5038
241.98	989.1181	3.5079
243.25	995.4579	3.5268
243.73	1001.439	3.5335
243.98	1001.08	3.5362
245.69	1007.3	3.5605
245.98	1008.018	3.5659
246.71	1014.118	3.5767
247.71	1020.458	3.5902
247.98	1020.338	3.5943
248.43	1026.439	3.601
249.98	1028.951	3.6253
250.3	1022.85	3.6294
251.62	1029.19	3.6456
251.98	1031.941	3.6523
252.63	1037.922	3.6618
253.69	1044.262	3.6753
253.83	1050.362	3.6794
253.98	1050.362	3.6834
255.69	1056.582	3.705
255.95	1062.683	3.7104
255.98	1058.975	3.7118
256.67	1064.956	3.7199
257.69	1071.295	3.7347
257.98	1070.458	3.7401
258.31	1076.439	3.7442
259.68	1082.779	3.7631
259.98	1085.53	3.7685
260.67	1091.511	3.7779
261.71	1097.851	3.7941
261.98	1099.406	3.7968
263.33	1105.745	3.8171
263.44	1099.525	3.8211
263.62	1105.626	3.8225
263.98	1108.018	3.8265
264.59	1114.358	3.836
265.72	1120.698	3.8522
265.98	1121.415	3.8562
266.41	1127.516	3.8616
267.54	1121.176	3.8778
267.61	1127.276	3.8778
267.68	1133.377	3.8792
267.98	1136.128	3.8832
269.44	1129.788	3.9089
269.5	1123.688	3.9075
269.62	1129.788	3.9075
269.64	1135.889	3.9075

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
373.97	699.9749	5.4211
374.4	695.2918	5.4279
374.51	699.883	5.4279
375.21	704.7497	5.4387
375.97	705.5761	5.4508
376.61	710.351	5.4589
377.18	715.2177	5.467
377.44	710.6265	5.4725
377.55	715.2177	5.4725
377.97	717.2378	5.4806
378.4	712.6466	5.486
378.48	717.2378	5.486
378.78	722.1045	5.49
379.97	723.2063	5.5089
380.39	718.5233	5.5143
380.51	723.39	5.5157
380.63	728.2567	5.5184
381.79	733.0315	5.5346
381.97	733.0315	5.5373
382.33	728.4403	5.544
382.39	723.8491	5.5454
382.54	728.4403	5.544
382.57	733.0315	5.544
382.62	737.8982	5.5454
383.29	742.6731	5.5562
383.97	743.4995	5.5656
384.32	738.9083	5.5724
384.36	734.3171	5.5737
384.53	738.9083	5.571
384.55	743.7749	5.5724
384.63	748.6416	5.5737
385.97	749.7435	5.594
386.93	754.5184	5.6075
387.97	753.7838	5.6237
388.25	758.6504	5.6277
388.36	754.0592	5.6291
388.56	758.9259	5.6318
389.07	763.7008	5.6399
389.97	765.1699	5.6534
390.34	760.4869	5.6588
390.54	765.4454	5.6588
390.64	770.3121	5.6615
391.04	765.6291	5.6682
391.22	770.4957	5.6709
391.97	771.9649	5.6817
392.34	767.2819	5.6885
392.51	772.1486	5.6898
392.75	777.0153	5.6939
393.97	779.3109	5.7101
394.36	774.7197	5.7182
394.51	779.3109	5.7168
395.97	780.9637	5.7411
396.65	785.7385	5.7492
397.83	790.5134	5.7668
397.97	788.5851	5.7695

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
194.66	615.0539	2.8125
194.66	619.586	2.8112
194.67	624.0309	2.8139
194.67	628.5629	2.8125
194.68	633.0079	2.8152
194.68	637.4528	2.8139
194.69	641.9848	2.8139
194.7	646.4297	2.8179
194.7	650.8747	2.8179
194.72	655.4067	2.8206
195.14	650.8747	2.8287
195.56	655.2324	2.8355
195.98	656.7141	2.8409
196.29	652.182	2.8476
196.31	647.7371	2.8463
196.36	643.2922	2.8463
196.39	638.7601	2.8476
196.41	634.3152	2.849
196.43	629.7831	2.849
196.44	625.3382	2.849
196.48	620.8061	2.849
196.49	616.3612	2.8503
196.51	611.8291	2.8503
196.55	607.3842	2.8517
196.65	611.9163	2.849
196.67	616.3612	2.8463
196.69	620.8061	2.8476
196.7	625.3382	2.8463
196.71	629.7831	2.8463
196.72	634.3152	2.8463
196.72	638.7601	2.8436
196.73	643.2922	2.8449
196.74	647.7371	2.8436
196.75	652.182	2.8463
196.76	656.7141	2.849
196.77	661.159	2.849
196.78	665.6039	2.8517
197.24	661.0718	2.8598
197.68	665.5167	2.8638
197.98	668.1314	2.8706
198.16	663.6865	2.8719
198.34	659.1544	2.8746
198.5	663.6865	2.876
198.53	668.1314	2.8787
198.73	672.5763	2.8787
198.92	668.0442	2.8854
199.13	672.5763	2.8854
199.96	676.934	2.8989
199.98	676.324	2.9003
200.3	671.7919	2.9057
200.32	667.347	2.9057
200.33	662.8149	2.907
200.35	658.37	2.9084
200.37	653.9251	2.907
200.38	649.393	2.9084

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
231.78	1330.3	3.3567
231.87	1335.4	3.358
231.98	1335.4	3.3594
232.52	1330.1	3.3675
232.71	1335.2	3.3702
232.74	1330.1	3.3702
232.88	1335.2	3.3715
232.94	1340.3	3.3715
233.98	1339.1	3.3877
234.37	1344.1	3.3931
234.64	1338.9	3.3972
234.73	1333.8	3.3999
234.84	1338.9	3.3999
234.88	1344	3.4012
235.98	1345.5	3.4174
236.24	1350.5	3.4201
236.42	1345.4	3.4242
236.7	1340.2	3.4282
236.85	1345.3	3.4282
236.93	1350.4	3.4296
237.41	1355.7	3.4377
237.5	1350.6	3.439
237.65	1355.7	3.4404
237.72	1350.6	3.4417
237.79	1355.7	3.4431
237.98	1351.9	3.4471
238.36	1356.9	3.4525
238.63	1351.7	3.4566
238.72	1346.6	3.4566
238.87	1351.7	3.4579
238.93	1356.8	3.4579
239.35	1362.1	3.466
239.4	1357	3.4674
239.63	1362.1	3.4701
239.82	1357	3.4714
239.91	1362.1	3.4728
239.98	1363.1	3.4741
240.3	1357.9	3.4809
240.43	1362.9	3.4822
240.64	1357.8	3.4863
240.87	1362.9	3.4876
241.54	1357.6	3.4984
241.71	1362.7	3.4998
241.98	1361.6	3.5038
242.71	1356.4	3.5146
242.79	1361.4	3.516
242.86	1356.3	3.516
242.89	1361.4	3.516
242.93	1366.5	3.5173
243.88	1361.2	3.5308
243.97	1366.3	3.5322
243.98	1364.6	3.5335
244.68	1359.4	3.543
244.93	1364.4	3.5443
245.27	1359.2	3.5524

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
269.67	1141.989	3.9075
269.98	1144.262	3.9143
270.92	1150.602	3.9264
271.41	1144.501	3.9359
271.47	1138.401	3.9372
271.65	1144.501	3.9345
271.66	1150.482	3.9359
271.69	1156.583	3.9386
271.98	1154.071	3.9426
272.79	1160.411	3.9548
273.45	1154.19	3.9656
273.59	1160.291	3.9656
273.74	1166.391	3.9683
273.98	1164.717	3.971
274.65	1171.057	3.9818
275.71	1177.396	3.9967
275.98	1178.951	3.9994
277.09	1185.171	4.0169
277.46	1179.071	4.0223
277.55	1185.171	4.0237
277.69	1191.152	4.025
277.98	1192.707	4.0291
279.47	1186.368	4.052
279.57	1192.468	4.0534
279.71	1198.449	4.0547
279.98	1198.09	4.0588
281.07	1204.31	4.0736
281.44	1198.21	4.0804
281.64	1204.191	4.0804
281.98	1206.942	4.0871
282.93	1213.282	4.102
283.4	1207.181	4.1087
283.61	1213.162	4.1101
283.98	1215.554	4.1168
284.99	1221.774	4.1317
285.44	1215.674	4.1398
285.62	1221.655	4.1398
285.81	1227.755	4.1425
285.98	1226.081	4.1452
286.84	1232.42	4.1587
287.4	1226.2	4.1668
287.6	1232.301	4.1681
287.79	1238.282	4.1708
287.98	1238.64	4.1749
289.14	1244.861	4.1911
289.98	1247.971	4.2046
290.89	1254.31	4.2154
291.46	1248.09	4.2248
291.62	1254.071	4.2275
291.98	1258.138	4.2329
293.52	1251.679	4.2572
293.66	1257.779	4.2559
293.98	1261.727	4.2627
295.67	1267.947	4.2856
295.98	1269.382	4.291

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
398.37	783.9939	5.7763
398.54	788.8606	5.7749
398.57	793.7272	5.7776
399.97	797.8593	5.7992
400.06	792.9926	5.7992
400.14	797.8593	5.8006
400.93	802.6342	5.8114
401.97	803.0933	5.8262
402.61	807.8681	5.8357
403.14	803.2769	5.8438
403.19	808.1436	5.8451
403.97	810.1637	5.8559
405.13	814.9386	5.8721
405.52	810.2556	5.8789
405.67	815.1222	5.8802
405.97	812.643	5.8856
406.55	817.4178	5.8937
407.19	822.2845	5.9018
407.97	823.1109	5.914
408.59	827.8858	5.9234
409.97	831.0078	5.9423
410.95	835.7827	5.9558
411.26	831.1915	5.9612
411.33	836.0581	5.9626
411.97	837.4355	5.972
412.83	842.2103	5.9828
413.97	842.6695	6.0004
414.26	847.5361	6.0058
414.31	842.6695	6.0058
414.46	847.5361	6.0085
414.86	842.8531	6.0125
414.91	847.7198	6.0139
415.96	852.4946	6.0287
415.97	853.0456	6.0314
416.03	848.1789	6.0314
416.12	853.0456	6.0328
416.31	848.4544	6.0368
416.41	853.3211	6.0355
416.93	858.0959	6.0449
417	853.2292	6.0449
417.14	858.0959	6.0476
417.83	853.4129	6.0571
417.92	858.2796	6.0571
417.97	860.116	6.0571
418.97	864.8909	6.0733
419.21	860.2997	6.0773
419.22	865.1664	6.0773
419.24	860.2997	6.0787
419.25	855.3412	6.0801
419.28	850.4745	6.0801
419.31	845.6078	6.0801
419.34	840.7412	6.0801
419.4	835.8745	6.0814
419.58	840.7412	6.0814
419.6	845.6078	6.0787

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
200.39	644.9481	2.9084
200.4	640.416	2.9097
200.41	635.9711	2.9097
200.43	631.5262	2.9097
200.44	626.9941	2.9111
200.44	622.5492	2.9111
200.46	618.1043	2.9097
200.46	613.5723	2.9111
200.48	609.1273	2.9111
200.49	604.5953	2.9111
200.5	600.1504	2.9111
200.51	595.7054	2.9084
200.55	591.1734	2.9084
200.61	595.7054	2.9057
200.62	600.1504	2.903
200.63	604.6824	2.903
200.64	609.1273	2.9043
200.65	613.6594	2.9043
200.67	618.1043	2.9016
200.67	622.5492	2.903
200.68	627.0813	2.9043
200.69	631.5262	2.9016
200.7	636.0583	2.9003
200.7	640.5032	2.9003
200.71	645.0353	2.8989
200.72	649.4802	2.9003
200.72	653.9251	2.9016
200.73	658.4572	2.9003
200.73	662.9021	2.9016
200.74	667.347	2.9016
200.74	671.7919	2.9043
200.75	676.324	2.9043
200.76	680.7689	2.907
200.77	685.2138	2.9084
200.8	689.6587	2.9097
200.94	685.2138	2.9124
201.4	680.6817	2.9192
201.45	685.1266	2.9205
201.98	685.6496	2.9273
202.21	690.0945	2.9313
202.28	685.6496	2.9327
202.3	681.2046	2.934
202.32	676.6726	2.9354
202.35	672.2277	2.9367
202.37	667.6956	2.9367
202.38	663.2507	2.9367
202.39	658.4572	2.9381
202.39	654.0122	2.9381
202.39	649.4802	2.9381
202.4	645.0353	2.9367
202.41	640.5903	2.9381
202.42	636.0583	2.9381
202.43	631.6134	2.9394
202.44	627.1685	2.9394
202.45	622.6364	2.9394

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
245.75	1364.3	3.5578
245.85	1359.1	3.5605
245.98	1361.1	3.5632
246.32	1366.2	3.5673
246.37	1361	3.5686
246.53	1366.1	3.57
246.63	1361	3.5727
246.75	1355.9	3.574
246.9	1361	3.574
246.94	1366	3.5767
247.59	1360.8	3.5862
247.72	1365.9	3.5875
247.98	1366.2	3.5902
248.71	1360.9	3.6024
248.79	1366	3.6024
248.94	1371.1	3.6037
249.98	1372.6	3.6199
250.99	1377.8	3.6334
251.98	1378.2	3.6497
252.61	1373	3.6578
252.92	1378.1	3.6605
253.88	1383.3	3.6767
253.98	1381.6	3.6794
254.61	1376.4	3.6875
254.78	1381.4	3.6888
254.83	1376.3	3.6902
254.87	1381.4	3.6902
255.22	1386.4	3.6956
255.45	1381.3	3.6983
255.5	1386.4	3.6996
255.55	1381.2	3.701
255.69	1386.3	3.7037
255.98	1385.2	3.7077
256.03	1380.1	3.7077
256.11	1385.2	3.7091
256.33	1380.1	3.7118
256.4	1385.2	3.7131
256.63	1380	3.7158
256.86	1385.1	3.7185
257.98	1384.2	3.7347
258.65	1378.9	3.7469
258.93	1384	3.7482
259.98	1383	3.7658
260.66	1377.8	3.7752
260.71	1372.7	3.7766
260.85	1377.8	3.7752
260.86	1382.9	3.7766
260.86	1388	3.7779
260.86	1393.4	3.7793
260.87	1398.4	3.7806
260.89	1393.3	3.782
260.9	1388.2	3.7833
260.91	1383.1	3.782
260.91	1378.1	3.782
260.92	1372.9	3.7833

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
296.62	1263.282	4.3005
297.09	1257.062	4.3072
297.38	1250.961	4.3126
297.44	1244.98	4.3126
297.57	1250.961	4.314
297.69	1257.062	4.314
297.98	1258.138	4.3207
299.1	1264.358	4.3356
299.39	1258.258	4.3423
299.49	1252.277	4.341
299.56	1258.258	4.3423
299.6	1264.358	4.3423
299.68	1270.339	4.3437
299.98	1267.827	4.3491
300.78	1274.167	4.3612
301.64	1280.507	4.3707
301.98	1283.258	4.3774
303.68	1289.358	4.4017
303.98	1288.88	4.4071
304.58	1295.22	4.4152
304.71	1289.119	4.4179
305.1	1295.1	4.4233
305.39	1289	4.4274
305.6	1294.98	4.4314
305.9	1300.961	4.4341
305.97	1298.569	4.4355
307.66	1304.669	4.4598
307.97	1305.866	4.4652
308.94	1312.086	4.4787
309.37	1305.985	4.4854
309.66	1311.966	4.4868
309.97	1313.88	4.4949
310.93	1320.1	4.507
311.43	1314	4.5151
311.6	1319.98	4.5165
311.77	1326.081	4.5192
311.97	1325.961	4.5219
313.14	1332.181	4.5394
313.38	1326.081	4.5435
313.59	1332.181	4.5435
313.68	1338.162	4.5462
313.97	1334.454	4.5516
314.46	1340.794	4.5583
315.39	1334.574	4.5732
315.57	1340.555	4.5746
315.69	1346.536	4.5759
315.7	1352.995	4.5786
315.73	1346.894	4.58
315.75	1340.914	4.5813
315.76	1334.813	4.5813
315.78	1328.832	4.5827
315.79	1322.732	4.5827
315.8	1316.751	4.5827
315.81	1310.65	4.584
315.82	1304.55	4.584

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
419.62	850.5663	6.0787
419.63	855.3412	6.0801
419.65	860.2079	6.0801
419.66	865.0745	6.0828
419.7	869.9412	6.0828
419.97	867.462	6.0868
420.27	862.8708	6.0922
421.26	867.5538	6.1071
421.41	862.6871	6.1084
421.45	867.5538	6.1098
421.89	862.9626	6.1152
421.96	867.8293	6.1152
421.97	867.1865	6.1165
422.61	871.9613	6.126
423.96	872.0532	6.1462
424.24	876.9198	6.1489
424.29	872.0532	6.1516
424.37	867.1865	6.1516
424.48	872.0532	6.1516
424.59	876.9198	6.1543
424.8	872.3286	6.1584
425.03	877.1035	6.1611
425.71	881.8783	6.1719
425.76	877.0117	6.1719
425.92	881.8783	6.1746
425.96	880.5928	6.1759
426.68	885.3677	6.1854
426.77	880.501	6.1854
426.92	885.3677	6.1881
427.96	888.857	6.2029
429.68	893.54	6.2286
429.9	888.5815	6.2326
429.96	889.4997	6.2326
430	894.3664	6.2326
430.32	889.7752	6.238
430.53	894.6419	6.2407
430.72	899.4167	6.2448
430.76	894.5501	6.2448
431.03	899.4167	6.2475
431.96	899.6004	6.2623
432.44	904.3752	6.2691
432.72	899.784	6.2731
432.8	904.5589	6.2745
433.01	899.6922	6.2772
433.07	904.5589	6.2772
433.93	909.3337	6.2907
433.96	907.13	6.292
434.63	911.9048	6.3001
434.88	907.3136	6.3042
435.11	912.1803	6.3069
435.54	907.5891	6.3123
435.59	912.4558	6.3136
435.82	907.4973	6.3163
435.89	912.3639	6.319
435.96	911.7212	6.319

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.46	618.1915	2.9394
202.47	613.6594	2.9394
202.48	609.2145	2.9394
202.49	604.7696	2.9394
202.51	600.3247	2.934
202.58	604.7696	2.9327
202.59	609.2145	2.934
202.61	613.7466	2.9327
202.62	618.1915	2.9327
202.63	622.7235	2.9313
202.64	627.1685	2.9327
202.65	631.6134	2.9313
202.65	636.1454	2.9313
202.66	640.5903	2.93
202.67	645.1224	2.93
202.68	649.5673	2.9313
202.68	654.0122	2.9286
202.69	658.5443	2.93
202.7	662.9892	2.93
202.7	667.4341	2.9313
202.71	671.9662	2.93
202.72	676.4111	2.93
202.72	680.856	2.9313
202.73	685.3881	2.9327
202.74	689.833	2.934
202.75	694.2779	2.9354
202.78	698.7228	2.9381
202.91	694.2779	2.9421
203.98	694.1036	2.957
204.32	689.5715	2.9624
204.37	685.1266	2.9624
204.41	680.6817	2.9637
204.57	685.1266	2.961
204.58	689.5715	2.9624
204.6	694.1036	2.9637
204.64	698.5485	2.9651
205.84	703.1677	2.9826
205.98	701.3375	2.9853
206.31	696.8926	2.9907
206.37	692.3605	2.9921
206.4	687.9156	2.9921
206.45	683.4707	2.9934
206.57	687.9156	2.9907
206.58	692.3605	2.9907
206.6	696.8926	2.9894
206.61	701.3375	2.9907
206.62	705.7824	2.9921
206.66	710.2273	2.9934
207.8	714.9337	3.011
207.98	713.975	3.015
208.32	709.4429	3.0204
208.38	704.998	3.0218
208.42	700.5531	3.0218
208.45	696.021	3.0231
208.57	700.5531	3.0204

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
260.93	1367.8	3.7833
260.94	1362.8	3.7833
260.95	1357.7	3.7833
260.96	1352.6	3.7833
260.96	1347.5	3.7847
260.97	1342.4	3.7847
260.98	1337.3	3.7833
260.98	1332.2	3.7847
260.99	1327.1	3.7847
261	1322	3.7847
261	1316.9	3.786
261.01	1311.8	3.7847
261.02	1306.7	3.7847
261.02	1301.6	3.786
261.03	1296.5	3.786
261.04	1291.4	3.786
261.04	1286.4	3.786
261.05	1281.3	3.7847
261.06	1276.2	3.786
261.07	1271.1	3.7874
261.07	1266	3.7847
261.08	1260.9	3.7847
261.09	1255.8	3.7847
261.1	1250.7	3.7847
261.11	1245.7	3.7833
261.14	1240.6	3.7833
261.24	1245.7	3.782
261.27	1250.8	3.782
261.28	1255.9	3.782
261.3	1261	3.782
261.31	1266	3.782
261.32	1271.2	3.7806
261.33	1276.2	3.7806
261.34	1281.4	3.7793
261.35	1286.4	3.7806
261.35	1291.5	3.7806
261.36	1296.6	3.7793
261.37	1301.7	3.7806
261.37	1306.8	3.7793
261.38	1311.9	3.7779
261.38	1317	3.7793
261.39	1322.1	3.7793
261.39	1327.2	3.7793
261.4	1332.3	3.7793
261.4	1337.4	3.7793
261.41	1342.8	3.7779
261.41	1347.9	3.7779
261.42	1353	3.7793
261.42	1358.1	3.7779
261.43	1363.2	3.7793
261.43	1368.2	3.7793
261.44	1373.7	3.7793
261.45	1378.7	3.7806
261.45	1383.8	3.7806
261.46	1388.9	3.782

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
315.83	1298.569	4.5854
315.84	1292.468	4.5854
315.85	1286.488	4.5854
315.86	1280.387	4.5854
315.87	1274.406	4.584
315.88	1268.306	4.5854
315.88	1262.325	4.5867
315.89	1256.224	4.5867
315.9	1250.243	4.5867
315.91	1244.263	4.584
315.92	1238.162	4.584
315.93	1232.181	4.5827
315.94	1226.081	4.5813
315.97	1221.655	4.5813
316.07	1227.755	4.5813
316.1	1233.856	4.58
316.12	1239.837	4.58
316.13	1245.937	4.5786
316.14	1251.918	4.5773
316.16	1258.019	4.5786
316.17	1263.999	4.5786
316.17	1270.1	4.5759
316.18	1276.081	4.5759
316.19	1282.54	4.5773
316.2	1288.521	4.5786
316.2	1294.622	4.5759
316.21	1300.722	4.5759
316.22	1306.703	4.5773
316.22	1312.803	4.5759
316.23	1318.784	4.5773
316.23	1324.885	4.5759
316.24	1330.866	4.5773
316.25	1336.847	4.5773
316.25	1342.947	4.5786
316.26	1348.928	4.58
316.27	1354.909	4.5827
316.29	1360.89	4.5854
316.52	1354.909	4.5894
316.97	1348.689	4.5948
317.42	1342.588	4.6016
317.6	1348.569	4.6043
317.76	1354.55	4.607
317.97	1353.354	4.6097
319.47	1347.014	4.6326
319.53	1352.995	4.6313
319.59	1359.095	4.634
319.97	1363.043	4.638
321.73	1369.024	4.6637
321.97	1368.186	4.6677
323.18	1374.406	4.6839
323.31	1368.306	4.688
323.39	1362.325	4.688
323.67	1368.665	4.692
323.97	1363.761	4.6974
324.84	1369.981	4.7082

UCS Test Results, Stage Two

S3-1		28 days	S3-2		28 days	S4-1		28 days	S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
436.98	916.496	6.3339	208.58	704.998	3.0177	261.47	1394	3.7833	325.66	1376.32	4.7204
437.96	918.4243	6.3474	208.59	709.5301	3.0177	261.48	1399	3.786	325.97	1376.201	4.7244
438.26	923.291	6.3528	208.6	713.975	3.0191	261.84	1393.8	3.7928	326.8	1382.54	4.7366
439.38	927.974	6.369	208.61	718.4199	3.0218	261.98	1392.8	3.7941	327.42	1376.32	4.746
439.62	923.0155	6.3717	208.64	722.8648	3.0245	262.06	1387.7	3.7941	327.58	1382.301	4.7487
439.72	927.8822	6.373	208.75	718.4199	3.0245	262.1	1392.8	3.7968	327.97	1384.215	4.7541
439.96	929.7187	6.3771	208.88	722.8648	3.0272	262.5	1387.6	3.8022	329.45	1377.875	4.7757
440.17	924.7602	6.3811	208.95	718.3327	3.0285	262.8	1382.5	3.8063	329.54	1383.976	4.7771
440.38	929.6269	6.3825	209.98	721.2089	3.0434	262.9	1387.5	3.8063	329.64	1389.957	4.7784
441.47	934.3099	6.3987	210.28	716.6768	3.0488	263.95	1382.5	3.8238	329.97	1390.196	4.7838
441.54	929.4432	6.4014	210.33	712.2319	3.0488	263.98	1382.9	3.8211	331.39	1383.856	4.8054
441.6	924.5765	6.4014	210.36	707.787	3.0502	264.02	1388	3.8238	331.46	1377.875	4.8054
441.68	929.4432	6.4001	210.39	703.3421	3.0502	264.5	1382.8	3.8306	331.58	1383.976	4.8041
441.72	934.3099	6.4028	210.42	698.81	3.0515	264.55	1387.9	3.8292	331.6	1389.957	4.8068
441.96	934.4935	6.4068	210.46	694.3651	3.0502	264.61	1382.7	3.8346	331.72	1395.938	4.8095
442.29	929.9023	6.4122	210.57	698.81	3.0488	264.66	1377.6	3.8333	331.97	1396.297	4.8135
442.33	925.1275	6.4122	210.58	703.3421	3.0488	264.82	1382.7	3.8333	333.97	1399.048	4.8419
442.45	929.9023	6.4122	210.6	707.787	3.0488	264.9	1387.8	3.836	335.08	1405.268	4.8567
442.48	934.769	6.4136	210.61	712.2319	3.0475	265.32	1382.6	3.8427	335.34	1399.167	4.8635
443.3	939.5439	6.4257	210.62	716.7639	3.0475	265.98	1380.5	3.8495	335.41	1393.067	4.8635
443.36	934.6772	6.4271	210.63	721.2089	3.0488	266.69	1375.2	3.863	335.46	1387.086	4.8635
443.42	939.452	6.4271	210.64	725.6538	3.0502	266.81	1380.3	3.8643	335.57	1393.067	4.8622
443.51	934.5854	6.4284	210.67	730.0987	3.0529	267.16	1385.3	3.8684	335.59	1399.048	4.8649
443.58	939.452	6.4298	211.98	729.9244	3.0718	267.39	1380.1	3.8724	335.63	1405.148	4.8649
443.96	940.3703	6.4338	212.3	725.4795	3.0785	267.5	1385.2	3.8738	335.97	1406.703	4.8703
444.98	945.0533	6.45	212.37	720.9474	3.0799	267.57	1380.1	3.8751	337.68	1412.684	4.8946
445.96	945.1451	6.4649	212.4	716.5025	3.0812	267.98	1382.1	3.8805	337.97	1413.043	4.9
446.79	949.92	6.477	212.45	712.0576	3.0799	268.23	1376.9	3.8846	339.54	1406.703	4.9216
447.96	949.0936	6.4932	212.5	707.5255	3.0785	268.4	1382	3.8873	339.59	1412.684	4.9216
448.61	953.8684	6.5027	212.56	712.0576	3.0772	268.65	1376.8	3.8913	339.97	1419.024	4.9283
449.93	958.5514	6.5216	212.57	716.5025	3.0772	268.89	1381.9	3.8927	339.97	1416.632	4.9283
449.96	957.9087	6.5243	212.59	720.9474	3.0772	269.54	1387.1	3.9035	341.67	1422.732	4.9526
451.28	962.4999	6.5418	212.6	725.4795	3.0772	269.62	1382.1	3.9035	341.97	1424.646	4.958
451.59	957.6332	6.5459	212.61	729.9244	3.0785	269.89	1387.1	3.9089	343.36	1418.306	4.9769
451.66	962.4999	6.5472	212.63	734.3693	3.0785	269.94	1382	3.9102	343.58	1424.646	4.981
451.96	962.7753	6.5499	212.74	738.8142	3.0826	269.98	1381.6	3.9102	343.97	1425.364	4.9864
453.04	967.4584	6.5675	212.94	734.3693	3.0853	270.01	1386.7	3.9102	345.44	1419.024	5.008
453.93	962.7753	6.5796	213.52	738.727	3.0947	270.13	1381.6	3.9129	345.51	1425.005	5.008
453.96	964.6118	6.5796	213.98	738.117	3.1001	270.17	1386.7	3.9116	345.64	1431.464	5.0093
454.88	969.2948	6.5931	214.59	742.4747	3.1082	270.55	1381.5	3.9183	345.97	1431.344	5.0147
455.16	964.7036	6.5985	215.04	746.9196	3.115	270.92	1386.5	3.9237	347.36	1425.005	5.035
455.54	969.4785	6.6039	215.65	751.2774	3.1258	271.98	1382.9	3.9386	347.59	1431.344	5.039
455.85	964.6118	6.608	215.98	749.7958	3.1312	272.67	1377.7	3.9494	347.65	1437.445	5.039
455.96	965.8055	6.6107	216.38	745.2637	3.1366	272.8	1382.7	3.9508	347.88	1431.344	5.0431
456.42	970.5804	6.6161	216.51	749.7086	3.1352	273.28	1388.1	3.9575	347.97	1432.9	5.0444
457.96	972.4169	6.639	216.57	754.1535	3.1366	273.32	1383	3.9589	348.15	1426.919	5.0458
458.15	967.5502	6.6417	217.17	758.5984	3.1474	273.38	1377.9	3.9589	348.23	1432.9	5.0471
458.48	972.325	6.6458	217.98	760.2544	3.1582	273.48	1383	3.9589	349.39	1426.56	5.0647
458.79	967.7338	6.6512	218.17	764.6993	3.1622	273.59	1377.8	3.9629	349.59	1433.019	5.0674
458.85	962.959	6.6512	218.26	760.1672	3.1663	273.66	1382.9	3.9616	349.66	1439	5.0687
458.96	967.7338	6.6512	218.29	755.7223	3.1663	273.98	1385.2	3.9683	349.97	1436.129	5.0741
459	972.6005	6.6539	218.32	751.2774	3.1663	274.27	1380.1	3.9724	350.94	1429.909	5.0863
459.96	973.6106	6.6674	218.34	746.8325	3.169	274.69	1374.9	3.9778	351.34	1423.809	5.0944
461.3	978.2936	6.6877	218.36	742.3004	3.1676	274.86	1380	3.9791	351.41	1417.708	5.0944
461.96	979.3955	6.6958	218.38	737.8555	3.1676	275.79	1374.7	3.994	351.51	1423.689	5.0957

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
462.55	974.8043	6.7039
462.6	979.5791	6.7052
463.12	984.354	6.7133
463.96	983.8949	6.7255
465.02	988.5779	6.7417
465.09	983.7112	6.7417
465.17	988.5779	6.743
465.49	983.7112	6.7484
465.55	978.8446	6.7484
465.65	983.7112	6.7471
465.78	988.4861	6.7511
465.96	989.037	6.7552
466.03	984.1703	6.7552
466.11	989.037	6.7565
466.69	984.4458	6.7646
466.75	989.2207	6.766
467.72	993.9037	6.7795
467.79	989.037	6.7808
467.96	991.4244	6.7822
469	996.1075	6.7984
469.04	991.2408	6.7997
469.42	996.0157	6.8051
469.63	991.149	6.8078
469.96	992.6182	6.8119
470.76	997.393	6.824
470.89	992.5263	6.8254
471.02	997.3012	6.8267
471.09	992.4345	6.8294
471.28	997.3012	6.8321
471.96	997.7603	6.8429
472	992.9855	6.8416
472.08	997.7603	6.8443
473.96	996.8421	6.8713
474.67	992.2509	6.8807
474.82	997.0257	6.8821
475.46	1001.709	6.8929
475.53	996.9339	6.8929
475.92	1001.709	6.8983
475.96	1001.709	6.8996
477.28	1006.3	6.9185
477.8	1001.709	6.9266
477.84	996.8421	6.928
477.96	999.5968	6.9266
478	1004.372	6.928
478.06	1009.146	6.9293
479.96	1007.677	6.9563
480.06	1012.544	6.9577
480.29	1007.677	6.9617
480.34	1012.452	6.9631
480.61	1007.585	6.9671
481.96	1007.31	6.9874
482.56	1012.085	6.9955
482.63	1007.31	6.9955
483.06	1011.993	7.0009
483.52	1007.402	7.009

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
218.39	733.4106	3.169
218.41	728.9657	3.169
218.42	724.4336	3.169
218.44	719.9887	3.169
218.46	715.5438	3.169
218.47	711.0989	3.1703
218.49	706.654	3.1676
218.5	702.1219	3.1676
218.53	697.677	3.1703
218.54	693.2321	3.169
218.67	697.677	3.1676
218.7	702.1219	3.1663
218.72	706.654	3.1676
218.73	711.0989	3.1663
218.75	715.5438	3.169
218.76	719.9887	3.1663
218.77	724.5208	3.1649
218.78	728.9657	3.1663
218.79	733.4106	3.1649
218.8	737.8555	3.1663
218.81	742.3876	3.1649
218.82	746.8325	3.1649
218.83	751.2774	3.1649
218.84	755.7223	3.1663
218.85	760.1672	3.1663
218.85	764.6993	3.1663
218.87	769.1442	3.169
218.88	773.5891	3.1703
219.34	769.057	3.1784
219.98	767.7497	3.1879
220.13	772.1946	3.1906
220.28	767.7497	3.1946
220.34	763.2176	3.1946
220.36	758.7727	3.196
220.39	754.3278	3.196
220.41	749.8829	3.196
220.43	745.3508	3.196
220.46	740.9059	3.196
220.48	736.461	3.1987
220.52	732.0161	3.196
220.63	736.461	3.1946
220.65	740.9059	3.1946
220.67	745.438	3.1946
220.68	749.8829	3.1946
220.7	754.3278	3.1933
220.71	758.7727	3.1946
220.72	763.2176	3.1946
220.73	767.7497	3.1946
220.74	772.1946	3.196
220.76	776.6395	3.1987
221.98	778.2955	3.2162
222.42	773.7634	3.2243
222.52	778.2083	3.2257
222.57	782.6532	3.2243
223.74	787.2725	3.2419

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
275.98	1378.4	3.9967
276.63	1373.1	4.0061
276.68	1378.2	4.0075
276.73	1373.1	4.0088
276.9	1378.2	4.0088
277.33	1373	4.0169
277.39	1378.1	4.0169
277.98	1377.9	4.025
278.72	1372.7	4.0385
278.85	1377.8	4.0385
278.91	1382.8	4.0385
279.16	1377.7	4.0426
279.22	1382.8	4.0426
279.61	1377.6	4.0507
279.69	1382.7	4.0493
279.77	1377.5	4.0534
279.85	1382.6	4.052
279.98	1381.2	4.0547
280.66	1376	4.0655
280.91	1381	4.0682
281.8	1375.8	4.0817
281.98	1379.8	4.0831
282.2	1374.7	4.0871
282.28	1379.8	4.0871
282.38	1374.6	4.0898
282.93	1380	4.0966
283.18	1374.8	4.102
283.37	1379.9	4.1033
283.98	1378.7	4.1128
284.34	1373.6	4.1182
284.42	1378.6	4.1182
284.59	1373.5	4.1222
284.86	1378.5	4.1249
285	1373.4	4.129
285.09	1378.5	4.129
285.98	1377.3	4.1425
286.5	1372.1	4.1506
286.63	1367	4.1519
287.98	1367.4	4.1708
288.62	1362.2	4.1816
288.77	1367.3	4.1816
288.95	1372.3	4.1843
289.6	1367.1	4.1951
289.98	1364.3	4.1992
290.56	1359.1	4.21
290.61	1354	4.2113
290.68	1348.9	4.21
290.78	1354	4.2086
290.8	1359.1	4.21
290.83	1364.1	4.2113
291.98	1361.5	4.2289
292.61	1356.3	4.2383
292.75	1361.4	4.2397
292.89	1366.4	4.241
293.62	1361.1	4.2546

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
351.77	1430.029	5.0998
351.82	1424.048	5.1011
351.97	1423.689	5.1011
353.42	1417.349	5.1241
353.53	1423.33	5.1241
353.97	1426.44	5.1308
354.14	1420.34	5.1335
354.21	1426.321	5.1335
355.1	1420.1	5.1484
355.32	1414.12	5.1511
355.4	1408.139	5.1524
355.69	1414.478	5.1551
355.97	1412.804	5.1605
357.36	1406.464	5.1808
357.56	1412.804	5.1822
357.97	1415.914	5.1903
359.67	1422.014	5.2132
359.97	1421.536	5.2173
361.39	1415.196	5.2389
361.58	1421.536	5.2429
361.97	1423.091	5.247
363.34	1416.751	5.2686
363.61	1422.732	5.2699
363.97	1424.646	5.2767
365.68	1430.627	5.3023
365.85	1424.646	5.3037
365.97	1425.364	5.3064
367.97	1425.005	5.3334
369.35	1418.665	5.355
369.63	1425.005	5.3563
369.97	1424.885	5.3631
370.63	1418.785	5.3725
371.97	1419.622	5.3928
373.37	1413.402	5.413
373.55	1419.742	5.4144
373.97	1418.426	5.4225
375.37	1412.206	5.4414
375.56	1418.426	5.4468
375.97	1419.622	5.4508
376.86	1413.402	5.463
376.94	1419.383	5.463
377.07	1413.402	5.467
377.64	1419.622	5.4738
377.97	1416.751	5.4779
379.33	1410.531	5.4995
379.65	1416.871	5.5035
379.89	1410.77	5.5062
379.97	1414.718	5.5089
380.17	1408.737	5.5116
381.33	1402.517	5.5292
381.62	1408.856	5.5319
381.97	1406.703	5.5373
383.42	1400.483	5.5575
383.62	1406.823	5.5602
383.97	1402.277	5.5656

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
483.6	1012.269	7.0104
483.67	1007.402	7.0117
483.75	1012.177	7.0117
483.96	1012.819	7.0144
485.63	1007.953	7.0401
485.82	1012.728	7.0428
485.96	1013.921	7.0441
487.54	1018.788	7.0671
487.71	1014.013	7.0698
487.89	1018.788	7.0711
487.96	1017.594	7.0725
488.18	1012.728	7.0765
488.24	1017.502	7.0779
488.71	1012.911	7.0846
488.94	1017.686	7.0873
489.05	1012.911	7.0887
489.1	1017.686	7.09
489.96	1016.676	7.1022
490.24	1021.451	7.1062
490.31	1016.584	7.1089
490.59	1021.359	7.1116
490.77	1016.492	7.1157
491.04	1021.267	7.117
491.13	1016.492	7.1197
491.25	1021.267	7.1197
491.33	1016.401	7.1238
491.48	1021.175	7.1238
491.96	1019.339	7.1305
492.52	1024.022	7.1386
492.58	1019.247	7.1413
492.86	1024.022	7.144
492.93	1019.155	7.1454
493.1	1023.93	7.1467
493.96	1022.92	7.1602
494.55	1018.329	7.1683
495.04	1013.738	7.1764
495.96	1015.391	7.1886
497.05	1019.982	7.2048
497.19	1015.207	7.2061
497.64	1019.982	7.2115
497.96	1019.247	7.2196
498.29	1014.38	7.2237
498.38	1019.247	7.2223
499.96	1018.053	7.2466
500.1	1022.828	7.2493
501.29	1027.419	7.2682
501.33	1022.645	7.2669
501.39	1027.419	7.2682
501.47	1022.645	7.2682
501.58	1027.419	7.2709
501.67	1022.553	7.2723
501.92	1027.328	7.275
501.96	1026.134	7.2777
502.65	1030.817	7.2858
502.72	1026.042	7.2885

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
223.98	787.8826	3.2446
224.3	783.3505	3.2513
224.42	778.8184	3.2527
224.48	783.3505	3.2513
224.51	787.7954	3.2527
224.6	792.2403	3.2554
225.98	793.8091	3.2756
226.28	789.3642	3.281
226.37	784.9193	3.281
226.52	789.3642	3.281
226.55	793.8091	3.2824
226.6	798.254	3.2837
227.98	799.8228	3.304
228.36	795.2907	3.3107
228.55	799.8228	3.3094
228.58	804.2677	3.3107
229.14	808.6255	3.3215
229.47	804.0934	3.3256
229.58	808.5383	3.3269
229.98	810.02	3.3323
230.31	805.4879	3.3391
230.52	809.9328	3.3418
230.6	814.3777	3.3418
231.98	814.552	3.3621
232.33	810.02	3.3688
232.37	805.575	3.3675
232.41	801.1301	3.3688
232.47	796.5981	3.3702
232.55	801.1301	3.3675
232.57	805.575	3.3675
232.58	810.02	3.3675
232.6	814.4649	3.3675
232.61	818.9098	3.3688
232.64	823.3547	3.3715
233.98	823.4419	3.3918
234.39	818.9969	3.3972
234.5	823.4419	3.3972
234.53	827.8868	3.3972
234.56	832.3317	3.3985
235.98	834.772	3.4201
236.29	830.3271	3.4242
236.55	834.772	3.4269
236.72	839.1298	3.4309
237.98	839.3041	3.4485
238.33	834.772	3.4552
238.55	839.2169	3.4552
238.62	843.6618	3.4579
239.98	845.9279	3.4768
240.33	841.3958	3.4836
240.46	845.8407	3.4849
240.57	850.2856	3.4849
241.98	852.4645	3.5065
242.31	847.9324	3.5119
242.54	852.3774	3.5146
242.58	856.8223	3.5146

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
293.72	1356.1	4.2532
293.76	1361.2	4.2519
293.84	1366.2	4.2559
293.98	1365.1	4.2586
294.42	1360	4.264
294.48	1365.1	4.2627
294.62	1359.9	4.2681
294.71	1365	4.2681
295.18	1359.8	4.2748
295.24	1364.9	4.2762
295.98	1362.7	4.287
296.03	1367.8	4.287
296.14	1362.7	4.2897
296.66	1357.5	4.2978
296.73	1362.6	4.2978
297.02	1367.6	4.3018
297.46	1362.4	4.3099
297.98	1359	4.314
298.01	1364	4.3153
298.08	1358.9	4.3194
298.17	1353.8	4.318
298.2	1358.9	4.3167
298.63	1353.7	4.3261
298.68	1348.6	4.3275
298.79	1353.7	4.3261
298.83	1358.8	4.3275
299.52	1353.5	4.3383
299.78	1348.4	4.341
299.87	1353.5	4.3423
299.94	1348.4	4.3437
299.98	1348.7	4.3437
300.2	1343.6	4.3477
300.42	1338.5	4.3518
300.52	1343.5	4.3531
300.58	1338.5	4.3545
300.8	1333.4	4.3572
300.86	1338.4	4.3558
301.98	1337.5	4.3747
302.26	1332.4	4.3774
302.33	1337.5	4.3774
302.64	1332.3	4.3842
302.69	1337.4	4.3828
303.98	1335.8	4.4031
304.41	1330.6	4.4085
304.46	1335.7	4.4085
305.97	1336	4.4314
307.02	1330.8	4.4476
307.08	1335.8	4.4463
307.79	1330.6	4.4584
307.97	1332.3	4.4598
308.4	1327.1	4.4679
308.47	1332.2	4.4679
308.61	1327.1	4.4706
308.88	1332.1	4.4733
309.07	1327	4.4773

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
385.03	1396.177	5.5805
385.18	1402.517	5.5832
385.32	1396.416	5.5859
385.66	1402.756	5.5899
385.91	1396.775	5.594
385.97	1401.081	5.5953
387.39	1394.741	5.6169
387.61	1401.201	5.6183
387.97	1402.277	5.6237
389.03	1396.057	5.6412
389.21	1390.076	5.6426
389.33	1383.976	5.6453
389.97	1381.105	5.6534
390.71	1375.005	5.6628
391.07	1368.904	5.6696
391.31	1362.923	5.6736
391.95	1356.823	5.6817
391.97	1357.66	5.6817
393.39	1351.32	5.7033
393.66	1357.66	5.706
393.97	1355.985	5.7101
394.51	1349.885	5.7182
394.58	1356.225	5.7195
395.39	1350.124	5.7317
395.8	1356.464	5.7371
395.89	1350.483	5.7384
395.97	1355.627	5.7398
396.45	1349.526	5.7465
396.92	1355.746	5.7533
397.29	1349.765	5.76
397.4	1343.426	5.76
397.46	1349.765	5.7614
397.97	1352.397	5.7695
398.59	1346.296	5.779
399.97	1345.22	5.7979
400.85	1339.119	5.8114
400.89	1345.459	5.8114
401.37	1339.359	5.8181
401.88	1345.579	5.8249
401.97	1344.024	5.8262
403.06	1337.803	5.8424
403.97	1336.009	5.8546
404.65	1329.909	5.8654
405.33	1323.808	5.8775
405.97	1322.971	5.8856
406.35	1316.87	5.891
407.97	1316.99	5.914
408.53	1310.89	5.9221
409.32	1304.789	5.9329
409.66	1311.129	5.9369
409.94	1305.028	5.9423
409.97	1306.224	5.9423
411.3	1300.004	5.9626
411.62	1306.344	5.9666
411.97	1303.114	5.9707

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
503.2	1030.725	7.2939
503.43	1025.95	7.2979
503.54	1030.725	7.2993
503.58	1025.858	7.3007
503.71	1030.633	7.302
503.79	1025.858	7.302
503.96	1028.797	7.3047
504.73	1024.206	7.3169
504.77	1028.98	7.3169
505.96	1030.633	7.3344
506.54	1026.042	7.3425
506.62	1030.817	7.3439
507.96	1030.909	7.3628
508.81	1035.5	7.3763
508.89	1030.725	7.3763
508.98	1035.5	7.3776
509.27	1030.633	7.383
509.45	1025.858	7.3844
509.96	1022.736	7.3911
510.19	1017.962	7.3952
510.88	1013.37	7.4046
510.97	1018.145	7.406
511.64	1013.554	7.4154
511.69	1018.329	7.4154
511.96	1018.513	7.4208
512.04	1013.738	7.4208
512.07	1018.513	7.4222
512.21	1023.287	7.4249
512.25	1018.513	7.4262
512.36	1023.287	7.4262
512.52	1018.421	7.4303
512.84	1023.196	7.433
513.96	1023.93	7.4505
515.96	1022.645	7.4802
516.02	1027.511	7.4789
516.08	1022.645	7.4816
516.32	1027.419	7.4829
516.75	1022.553	7.491
516.98	1027.328	7.4951
517.62	1022.736	7.5045
517.96	1024.757	7.5072
518.35	1029.531	7.514
518.42	1024.757	7.514
519.96	1021.726	7.5369
520.16	1026.501	7.5396
520.76	1021.635	7.5477
520.83	1026.409	7.5491
521.32	1021.543	7.5572
521.96	1020.808	7.5653
522.43	1025.583	7.572
522.53	1020.716	7.5747
523.09	1025.399	7.5828
523.33	1020.625	7.5855
523.39	1025.399	7.5869
523.44	1020.625	7.5869

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
243.98	860.2213	3.5362
244.3	855.6893	3.5403
244.5	860.1342	3.543
244.6	864.5791	3.5443
245.98	866.4965	3.5646
246.35	861.9644	3.57
246.55	866.4093	3.5727
246.93	870.7671	3.5781
247.98	868.2396	3.5943
248.32	863.7947	3.5997
248.39	859.3498	3.5997
248.52	863.7947	3.5983
248.53	868.2396	3.5983
248.55	872.6845	3.601
248.63	877.0423	3.6024
248.76	872.5974	3.6051
248.8	877.0423	3.6051
249.93	881.6615	3.6226
249.98	879.5698	3.6226
250.29	875.0377	3.6294
250.4	870.5928	3.6294
250.49	875.0377	3.6294
250.53	879.4826	3.6294
251.33	884.1018	3.6429
251.98	884.3633	3.651
252.34	879.8312	3.6591
252.38	875.3863	3.6578
252.5	879.8312	3.6578
252.53	884.2761	3.6578
252.55	888.7211	3.6605
253.59	893.3403	3.6753
253.7	888.8082	3.678
253.85	893.2531	3.6794
253.96	888.8082	3.6821
253.98	888.5467	3.6807
254.04	892.9045	3.6821
254.63	897.2623	3.6902
255.98	898.9182	3.7091
256.26	894.3861	3.7145
256.56	898.8311	3.7158
257.98	900.6613	3.7388
258.55	905.1062	3.7455
259.98	905.4548	3.7685
260.32	901.0099	3.7725
260.49	905.3677	3.7752
260.56	909.8126	3.7752
261.98	911.3814	3.7968
262.32	906.9365	3.8022
262.53	911.2942	3.8036
262.67	915.7392	3.8063
262.78	911.2942	3.8076
263.23	915.652	3.8144
263.98	915.3034	3.8252
264.41	910.7713	3.8333
264.53	915.2162	3.8346

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
309.14	1332	4.4787
309.63	1326.9	4.4841
309.97	1322.7	4.4908
310.31	1317.6	4.4949
310.38	1322.7	4.4949
310.63	1317.6	4.4989
310.78	1312.5	4.5016
310.86	1317.5	4.5016
311.01	1312.4	4.5057
311.11	1307.4	4.507
311.17	1302.3	4.5084
311.29	1297.3	4.507
311.55	1292.1	4.5138
311.95	1287	4.5192
311.97	1289.4	4.5178
312.4	1294.7	4.5246
312.49	1289.6	4.5259
312.56	1294.6	4.5273
312.61	1289.6	4.5286
312.78	1294.6	4.5286
312.89	1299.6	4.5313
312.99	1294.5	4.534
313.22	1299.5	4.5367
313.87	1294.4	4.5462
313.92	1299.4	4.5462
313.97	1298.4	4.5475
314.18	1303.4	4.5502
314.55	1298.3	4.5556
314.75	1303.3	4.5583
314.9	1308.3	4.5611
314.94	1303.2	4.5624
315.03	1308.3	4.5638
315.11	1303.2	4.5638
315.53	1308.5	4.5692
315.9	1303.4	4.5759
315.97	1302.7	4.5759
316.01	1307.8	4.5759
316.1	1302.7	4.5786
316.65	1297.5	4.5854
316.71	1302.6	4.5867
316.77	1297.5	4.5881
316.89	1302.5	4.5894
317.4	1297.4	4.5975
317.97	1296.2	4.607
318.18	1291.2	4.6083
318.23	1296.2	4.611
318.28	1291.1	4.611
319.97	1290.8	4.634
320.62	1285.6	4.6448
320.83	1290.6	4.6475
321.3	1285.5	4.6542
321.44	1290.5	4.6556
321.81	1285.4	4.661
321.92	1290.4	4.6637
321.97	1288.1	4.6637

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
413.3	1296.894	5.9909
413.97	1292.708	6.0004
414.01	1299.047	6.0017
414.62	1292.947	6.0112
415.43	1286.846	6.022
415.78	1293.186	6.026
415.97	1290.315	6.0301
416.83	1284.215	6.0422
417.3	1278.234	6.049
417.97	1276.918	6.0584
418.33	1270.818	6.0638
418.42	1277.157	6.0652
418.63	1271.176	6.0679
418.71	1277.516	6.0692
418.84	1271.535	6.0719
419.97	1273.688	6.0868
420.35	1267.708	6.0922
420.56	1274.047	6.0949
421.29	1267.827	6.1098
421.97	1266.99	6.1152
422.57	1260.889	6.126
423.35	1254.789	6.1368
423.58	1261.129	6.1395
423.96	1261.487	6.1449
424.78	1255.387	6.1584
425.39	1249.286	6.1665
425.96	1251.559	6.1746
426.35	1245.578	6.1813
427.49	1239.358	6.1975
427.59	1245.698	6.1975
427.96	1244.861	6.2043
428.71	1238.76	6.2151
429.45	1232.66	6.2245
429.65	1238.999	6.2272
429.96	1236.487	6.234
430.47	1230.506	6.2394
431.33	1224.406	6.2529
431.58	1230.746	6.2556
431.96	1229.071	6.2623
432.99	1222.851	6.2772
433.66	1229.071	6.2866
433.96	1224.645	6.2907
434.5	1218.664	6.2974
435.3	1212.564	6.3109
435.96	1212.444	6.319
436.75	1206.344	6.3312
437.96	1206.583	6.3474
438.99	1200.482	6.3636
439.96	1201.081	6.3784
440.59	1194.98	6.3865
441.96	1192.707	6.4082
443.96	1192.827	6.4352
445.28	1186.607	6.4554
445.96	1189.238	6.4649
446.37	1183.258	6.4703

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
523.53	1025.399	7.5882
523.96	1022.92	7.595
524.09	1018.145	7.5963
524.19	1022.92	7.5963
525.96	1024.94	7.6247
526.37	1029.715	7.6288
526.6	1024.94	7.6328
527.21	1029.531	7.6423
527.25	1024.757	7.6423
527.91	1029.44	7.6517
527.96	1028.246	7.6531
528.71	1023.655	7.6639
529.31	1028.338	7.6733
529.37	1023.563	7.6733
529.96	1024.94	7.6814
530.59	1020.349	7.6909
530.65	1025.124	7.6909
531.05	1020.257	7.6976
531.12	1025.032	7.699
531.96	1024.665	7.7111
532.42	1029.348	7.7165
532.47	1024.573	7.7192
532.69	1019.706	7.7219
532.78	1024.481	7.7219
533.96	1024.297	7.7395
534.69	1019.706	7.7516
535.63	1015.115	7.7638
535.72	1019.798	7.7651
535.96	1020.074	7.7692
536.15	1015.299	7.7719
536.21	1020.074	7.7719
536.92	1015.482	7.7827
537.96	1015.299	7.7975
538.66	1010.432	7.807
538.75	1015.207	7.8083
539.42	1010.616	7.8191
539.52	1015.299	7.8205
539.96	1013.462	7.8272
541.87	1018.237	7.8542
541.96	1015.574	7.8556
542.49	1020.257	7.8623
542.55	1015.482	7.865
543.95	1017.87	7.8853
545.09	1013.279	7.9001
545.27	1018.053	7.9029
545.64	1013.187	7.9096
545.95	1015.482	7.9137
546.76	1010.891	7.9245
546.85	1015.666	7.9272
547.1	1010.891	7.9299
547.95	1010.432	7.942
548.33	1015.115	7.9474
548.56	1010.34	7.9515
548.87	1015.023	7.9555
549.94	1010.34	7.9731

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
264.57	919.574	3.8346
265.58	924.1932	3.8495
265.98	921.4914	3.8535
266.51	926.1106	3.8616
267.98	928.028	3.8832
268.29	923.496	3.89
268.4	919.0511	3.89
268.48	923.496	3.8886
268.52	927.9409	3.8913
268.59	932.3858	3.8913
269.07	927.8537	3.8994
269.98	927.6794	3.9129
270.33	923.2345	3.9197
270.38	918.7896	3.9197
270.53	923.2345	3.917
270.54	927.6794	3.9183
270.56	932.0372	3.921
271.98	932.7344	3.9413
272.28	928.2895	3.9467
272.49	932.6473	3.9494
272.68	937.0922	3.9508
273.98	937.7894	3.971
274.29	933.2573	3.9764
274.49	937.7023	3.9778
275.92	942.2343	3.998
275.98	941.0141	4.0007
276.26	936.5692	4.0034
276.45	932.1243	4.0075
276.5	936.5692	4.0061
276.54	941.0141	4.0061
277.13	936.4821	4.0142
277.18	940.8398	4.0169
277.98	940.7527	4.0291
278.41	936.3078	4.0345
278.48	940.6655	4.0358
278.53	945.1104	4.0358
279.98	946.0691	4.0574
280.38	941.6242	4.0628
280.46	945.982	4.0655
280.98	950.3397	4.0709
281.47	945.8948	4.079
281.96	950.5141	4.0858
281.98	950.7755	4.0871
282.37	946.3306	4.0939
282.42	941.8857	4.0939
282.53	946.3306	4.0912
282.55	950.7755	4.0939
282.64	955.1333	4.0966
283.09	950.6012	4.1033
283.53	955.0461	4.1087
283.98	954.959	4.1168
284.55	959.3167	4.1236
285.98	959.0553	4.1452
286.32	954.6104	4.1506
286.47	959.0553	4.1492

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
322.64	1282.9	4.6731
322.68	1287.9	4.6731
323.97	1289	4.6907
324.08	1284	4.6934
324.16	1289	4.6947
325.48	1283.7	4.715
325.77	1289	4.719
325.97	1285.9	4.7231
326.6	1280.8	4.7312
326.71	1285.8	4.7325
327.14	1280.7	4.7379
327.21	1285.7	4.7393
327.3	1280.6	4.742
327.51	1285.6	4.7433
327.97	1283.2	4.7501
328.36	1278.1	4.7555
328.46	1283.1	4.7582
328.58	1278	4.7595
328.88	1283	4.7622
329.24	1277.9	4.7703
329.97	1275.1	4.7798
330.08	1280.1	4.7811
330.4	1275	4.7865
331.1	1269.8	4.796
331.21	1274.8	4.7973
331.83	1269.7	4.8068
331.93	1274.7	4.8068
331.97	1272.7	4.8081
332.04	1267.6	4.8095
332.09	1272.7	4.8095
332.54	1267.5	4.8176
332.82	1272.8	4.8216
333.12	1267.7	4.8257
333.97	1270.6	4.8378
334.06	1265.6	4.8392
334.22	1260.5	4.8419
334.32	1265.5	4.8405
334.62	1260.4	4.8473
334.69	1265.5	4.8473
335.58	1260.2	4.8608
335.65	1265.2	4.8622
335.85	1260.2	4.8649
335.97	1259.1	4.8676
337.44	1253.8	4.8878
337.97	1257.8	4.8959
338.4	1252.6	4.9027
339.78	1247.4	4.9216
339.87	1252.4	4.9229
339.97	1252	4.9243
340.06	1247	4.9256
340.13	1252	4.9256
340.6	1246.8	4.9351
340.71	1251.9	4.9351
341.2	1246.7	4.9432
341.97	1245.6	4.954

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
447.96	1183.736	6.4946
449.37	1177.635	6.5148
449.53	1183.856	6.5162
449.96	1180.267	6.5229
450.76	1174.167	6.5337
451.59	1180.387	6.5459
451.68	1174.047	6.5486
451.96	1177.516	6.5513
452.46	1171.535	6.5594
453.96	1170.817	6.581
455.96	1170.937	6.6093
456.9	1164.836	6.6215
457.96	1163.401	6.639
459.96	1163.042	6.666
461.21	1156.942	6.6849
461.96	1159.214	6.6958
463.96	1158.856	6.7255
464.71	1152.755	6.7363
465.96	1150.602	6.7538
467.85	1144.382	6.7822
467.96	1146.655	6.7835
469.63	1140.434	6.8078
469.96	1143.544	6.8105
470.35	1137.564	6.8186
471.45	1131.463	6.8348
471.96	1134.214	6.8416
472.43	1128.233	6.8497
473.76	1122.013	6.8672
473.96	1122.013	6.8713
474.25	1115.674	6.874
475.41	1109.573	6.8915
475.44	1115.913	6.8915
475.51	1109.573	6.8929
475.96	1111.128	6.8996
476.48	1105.028	6.9077
477.96	1104.788	6.928
479.96	1102.994	6.9563
481.96	1099.884	6.986
483.06	1093.784	7.0023
483.96	1092.468	7.0158
484.87	1086.367	7.0293
485.96	1084.693	7.0441
487.28	1078.592	7.063
487.96	1076.08	7.0725
489.96	1072.97	7.1022
491.26	1066.87	7.1211
491.96	1066.032	7.1319
493.06	1059.932	7.1467
493.96	1058.257	7.1589
495.68	1052.037	7.1859
495.96	1056.702	7.1886
496.28	1050.362	7.194
496.49	1056.582	7.1967
496.56	1050.362	7.198
497.24	1044.023	7.2075

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
549.95	1010.157	7.9704
550.1	1014.84	7.9731
550.58	1009.973	7.9798
550.67	1014.748	7.9812
551.1	1009.881	7.9893
551.31	1005.106	7.992
551.9	1000.24	8.0001
551.95	1003.545	8.0001
552.22	998.6785	8.0041
552.31	1003.453	8.0055
552.54	998.6785	8.0095
552.59	1003.453	8.0095
552.69	998.6785	8.0122
553.47	993.72	8.0217
553.94	998.4031	8.0298
553.95	997.8521	8.0298
554.43	992.9855	8.0365
554.51	997.7603	8.0379
554.57	992.9855	8.0392
554.65	997.7603	8.0392
554.76	992.9855	8.0419
554.8	997.6685	8.0419
555.95	996.0157	8.0595
556.35	1000.791	8.0649
556.46	995.9238	8.0662
557.95	992.4345	8.0878
558.22	997.2094	8.0919
559.75	992.4345	8.1135
559.82	997.2094	8.1135
559.95	995.7402	8.1162
561.71	990.9653	8.1432
561.83	995.7402	8.1432
561.95	993.6282	8.1445
562.77	989.037	8.158
563.95	992.0672	8.1756
564.77	987.476	8.1877
564.86	992.2509	8.1877
564.93	987.476	8.1891
564.99	992.2509	8.1891
565.24	987.476	8.1918
565.81	992.159	8.2013
565.89	987.2924	8.204
565.95	987.0169	8.2026
566.32	991.6999	8.2094
566.52	986.9251	8.2121
567.94	982.242	8.2323
567.95	983.4358	8.2323
568.34	988.2106	8.2364
568.76	983.3439	8.2445
569.95	987.0169	8.262
570.26	982.1502	8.2674
570.34	986.9251	8.2661
570.78	982.1502	8.2728
571.88	977.559	8.2877
571.95	980.7729	8.2904

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
286.55	963.413	4.1519
287.98	966.9864	4.1735
288.14	962.5415	4.1762
288.32	958.0966	4.1789
288.47	962.5415	4.1803
288.57	966.8992	4.1816
289.98	969.0781	4.2019
290.33	964.6332	4.2086
290.53	968.991	4.2086
291.98	968.468	4.2316
292.27	964.0231	4.237
292.31	959.5782	4.2383
292.35	955.2204	4.237
292.51	959.6654	4.2356
292.53	964.0231	4.237
292.55	968.468	4.2383
292.57	972.8258	4.2383
292.82	968.3809	4.2437
293.34	963.8488	4.2505
293.98	960.5369	4.2613
294.24	956.092	4.2654
294.52	960.4497	4.2667
294.67	964.8947	4.2708
294.7	960.4497	4.2708
295.61	964.9818	4.2843
295.82	960.5369	4.2883
295.98	962.6286	4.2897
296.32	958.0966	4.2964
296.49	962.5415	4.2964
296.83	967.1607	4.3018
297.21	962.7158	4.3086
297.73	967.0735	4.314
297.98	965.8534	4.318
298.27	961.4085	4.3234
298.48	965.7662	4.3248
298.57	970.2111	4.3275
298.95	965.6791	4.3329
299.98	966.4635	4.3477
300.31	962.0185	4.3531
300.52	966.3763	4.3531
300.6	970.7341	4.3572
301.09	966.2891	4.3639
301.32	970.6469	4.368
301.68	966.202	4.372
301.94	970.5597	4.3761
301.98	969.0781	4.3774
302.33	964.6332	4.3815
302.53	968.991	4.3842
303.98	965.8534	4.4058
304.06	970.2983	4.4058
304.23	965.8534	4.4098
304.54	970.2111	4.4125
305.86	974.656	4.4328
305.97	974.656	4.4341
306.24	970.2111	4.4395

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
342.34	1240.5	4.9594
342.47	1245.5	4.9607
342.68	1240.4	4.9634
342.86	1245.8	4.9661
342.94	1240.7	4.9675
342.99	1245.8	4.9675
343.38	1240.6	4.9756
343.44	1235.6	4.9756
343.56	1240.6	4.9769
343.8	1235.5	4.9796
343.86	1240.6	4.9796
343.97	1241.5	4.9823
344.05	1236.5	4.9837
344.13	1241.5	4.985
344.36	1236.4	4.9877
345.12	1231.3	4.9985
345.2	1236.3	4.9999
345.6	1231.2	5.0066
345.67	1236.2	5.0066
345.78	1231.1	5.008
345.82	1236.2	5.0093
345.92	1231.1	5.0107
345.97	1233.8	5.012
346.59	1228.6	5.0215
346.68	1223.6	5.0215
346.75	1228.6	5.0215
347.22	1223.5	5.0296
347.96	1218.3	5.0404
347.97	1218.3	5.0404
348.13	1213.3	5.0444
348.26	1218.3	5.0444
348.73	1213.2	5.0512
348.83	1218.2	5.0525
349.1	1213.1	5.0566
349.74	1208	5.066
349.85	1213	5.066
349.97	1213.6	5.0687
350.38	1208.5	5.0755
350.58	1203.4	5.0795
350.66	1208.5	5.0782
351.66	1203.2	5.0944
351.97	1206.5	5.0998
352.84	1201.3	5.1119
352.94	1206.4	5.1119
353.15	1201.3	5.116
353.34	1196.2	5.1187
353.43	1201.2	5.12
353.7	1196.2	5.1227
353.97	1192.4	5.1281
354.64	1187.3	5.1362
354.67	1192.3	5.1376
355.24	1187.2	5.1443
355.97	1184.4	5.1551
356.28	1179.3	5.1606
356.35	1184.3	5.1606

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
497.96	1041.152	7.2183
498.54	1034.692	7.2277
499.96	1029.429	7.2466
501.46	1023.329	7.2696
501.96	1025.243	7.2763
503.62	1019.023	7.3007
503.96	1020.219	7.3047
505.07	1014.118	7.3209
505.96	1013.64	7.3331
507.66	1007.539	7.3587
507.96	1007.778	7.3628
509.63	1001.678	7.3871
509.96	1003.951	7.3925
511.96	1002.515	7.4208
512.8	996.5344	7.4343
513.79	990.5535	7.4465
513.85	996.7736	7.4478
513.96	995.2186	7.4492
514.54	988.8789	7.4586
515.47	982.7784	7.4721
515.96	984.6923	7.4802
517.06	978.7114	7.4951
517.96	979.6683	7.5072
519.96	977.0367	7.5369
521.49	970.9362	7.5599
521.96	975.2425	7.5653
523.74	969.0224	7.5923
523.96	969.3812	7.595
524.75	963.0415	7.6058
525.27	956.7017	7.6153
525.96	955.8644	7.6247
527.03	949.8835	7.6396
527.96	948.9266	7.6531
529.34	942.9457	7.6733
529.96	943.185	7.6814
531.96	944.5007	7.7111
533.96	943.783	7.7395
534.68	937.4433	7.7503
535.96	935.2902	7.7678
537.01	929.3093	7.784
537.96	927.9935	7.7975
539.96	929.3093	7.8272
540.43	922.9696	7.834
541.56	916.9887	7.8488
541.96	917.7064	7.8542
542.95	911.7255	7.8704
543.95	907.6585	7.8839
545.61	901.6776	7.9083
545.95	902.3953	7.9137
546.81	896.0556	7.9258
547.57	889.7159	7.9366
547.95	889.2374	7.942
548.65	882.8977	7.9542
549.77	876.5579	7.969
549.95	877.2756	7.9731

UCS Test Results, Stage Two

S3-1		28 days	S3-2		28 days	S4-1		28 days	S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
573.26	976.0898	8.3093	306.33	965.7662	4.4395	357.4	1179.1	5.1781	550.87	871.0555	7.9852
573.3	980.8647	8.3106	306.45	970.2111	4.4395	357.97	1176	5.1862	551.95	867.7062	8.0001
573.36	976.0898	8.3106	306.53	974.5689	4.4436	358.1	1171	5.1876	552.97	861.3665	8.0163
573.63	980.7729	8.3147	307.97	973.1744	4.4638	358.54	1165.9	5.1943	553.54	855.1464	8.023
573.88	975.998	8.3187	308.36	968.7295	4.4692	358.67	1170.9	5.1957	553.95	858.1368	8.0298
573.95	976.2735	8.3201	308.47	973.0872	4.4706	358.71	1165.8	5.197	555.95	855.5052	8.0581
574.3	981.0483	8.3228	308.55	977.5322	4.4719	358.81	1170.8	5.197	556.55	849.2851	8.0676
574.52	976.1817	8.3282	308.88	973.0872	4.4773	359.07	1165.8	5.2024	557.55	842.9454	8.0811
575.06	971.4068	8.3363	309.01	977.445	4.4787	359.15	1160.7	5.2024	557.95	845.9358	8.0878
575.19	976.0898	8.3363	309.08	973.0001	4.48	359.33	1166.1	5.2051	559.43	839.9549	8.1094
575.95	972.6923	8.3484	309.74	977.6193	4.4881	359.4	1161	5.2065	559.95	841.8688	8.1175
576.28	977.3754	8.3538	309.84	973.1744	4.4908	359.97	1160.6	5.2146	560.95	835.5291	8.131
576.68	972.6005	8.3592	309.97	976.3991	4.4935	360.07	1155.6	5.2159	561.1	841.6296	8.1324
576.86	977.2835	8.3619	310.27	971.9542	4.4962	360.15	1160.9	5.2173	561.53	835.4095	8.1405
576.87	982.0584	8.3633	310.28	976.312	4.4989	360.16	1155.5	5.2186	561.54	841.6296	8.1405
576.87	987.1087	8.3646	310.33	971.9542	4.4989	360.16	1150.2	5.2186	561.6	835.4095	8.1432
576.88	991.7917	8.366	310.36	967.5093	4.5016	360.17	1145.2	5.2186	561.61	829.1894	8.1445
576.89	987.1087	8.366	310.38	963.1516	4.5016	360.2	1140.1	5.22	561.63	822.9692	8.1445
576.9	982.3339	8.3673	310.4	958.7066	4.5016	360.25	1135.1	5.22	561.64	816.7491	8.1445
576.91	977.559	8.3673	310.42	954.3489	4.5016	360.36	1140.1	5.22	561.66	810.529	8.1445
576.92	972.7842	8.3673	310.44	949.904	4.5003	360.39	1145.2	5.2173	561.68	804.4285	8.1445
576.92	968.0093	8.3687	310.48	945.5462	4.5016	360.41	1150.5	5.2186	561.69	798.2084	8.1459
576.93	962.959	8.3687	310.6	949.904	4.4989	360.43	1155.5	5.2186	561.7	791.9883	8.1459
576.94	958.276	8.3687	310.62	954.3489	4.5003	360.45	1160.8	5.2213	561.72	785.7682	8.1459
576.95	953.5011	8.3687	310.63	958.7066	4.4989	360.5	1165.9	5.2213	561.73	779.548	8.1459
576.95	948.7263	8.37	310.65	963.1516	4.4989	360.59	1160.8	5.2227	561.74	773.3279	8.1472
576.96	944.0432	8.3687	310.66	967.5093	4.4989	361.09	1155.7	5.2294	561.76	767.1078	8.1472
576.96	939.2684	8.37	310.67	971.9542	4.4989	361.38	1150.7	5.2335	561.77	760.8877	8.1486
576.97	934.4935	8.37	310.68	976.312	4.4989	361.42	1156	5.2348	561.78	754.7872	8.1472
576.98	929.7187	8.3714	310.7	980.7569	4.503	361.64	1150.9	5.2389	561.79	748.5671	8.1472
576.98	924.9438	8.3714	311.12	976.2248	4.5084	361.97	1148.9	5.2429	561.8	742.347	8.1472
576.99	920.2608	8.3714	311.97	977.0092	4.5219	362.85	1143.7	5.2564	561.81	736.1268	8.1486
576.99	915.2105	8.3714	312.13	972.5643	4.5246	363.97	1140.8	5.2726	561.82	729.9067	8.1472
577	910.4356	8.3714	312.39	968.1194	4.5273	364.47	1135.7	5.2794	561.83	723.6866	8.1486
577	905.6608	8.3714	312.46	972.5643	4.5286	364.6	1140.7	5.2807	561.84	717.5861	8.1472
577.01	900.9777	8.3714	312.54	976.9221	4.5286	364.74	1135.7	5.2848	561.85	711.366	8.1472
577.01	896.2029	8.3714	313.97	976.1377	4.5489	365.47	1130.6	5.2942	561.86	705.1459	8.1472
577.02	891.428	8.3727	314.25	971.6928	4.5543	365.57	1135.9	5.2956	561.89	698.9258	8.1459
577.02	886.745	8.3714	314.35	967.2478	4.5557	365.81	1130.8	5.2983	561.95	703.5909	8.1445
577.03	881.9702	8.3727	314.45	971.6928	4.5543	365.93	1125.8	5.301	561.98	709.811	8.1445
577.03	877.1953	8.3714	314.47	976.0505	4.557	365.97	1125.1	5.301	562	716.0311	8.1432
577.04	872.4205	8.3714	314.56	980.4083	4.5597	366.06	1130.5	5.3023	562.01	722.2512	8.1432
577.04	867.7374	8.3687	314.89	975.9634	4.5638	366.65	1125.4	5.3104	562.03	728.3517	8.1445
577.05	862.9626	8.3687	315.45	971.5185	4.5719	366.82	1130.7	5.3131	562.04	734.5718	8.1445
577.05	858.2796	8.3687	315.74	976.1377	4.5759	367.26	1125.6	5.3212	562.05	740.7919	8.1432
577.06	853.5047	8.3673	315.97	975.7891	4.58	367.35	1120.6	5.3212	562.06	747.0121	8.1418
577.08	848.8217	8.3646	316.23	971.3441	4.584	367.44	1125.6	5.3212	562.07	753.2322	8.1432
577.21	853.5047	8.3646	316.53	975.7891	4.5867	367.97	1123.4	5.3307	562.08	759.4523	8.1418
577.23	858.2796	8.366	317.97	976.6606	4.6083	368.16	1118.4	5.3334	562.09	765.6724	8.1405
577.25	863.0544	8.3646	318.25	972.3028	4.611	369.34	1113.2	5.3509	562.09	771.8925	8.1418
577.26	867.7374	8.3646	318.45	976.6606	4.6137	369.45	1118.2	5.3509	562.1	777.993	8.1405
577.27	872.5123	8.3646	319.97	978.1422	4.638	369.53	1113.2	5.3536	562.11	784.2131	8.1405
577.28	877.2871	8.3646	320.24	973.6973	4.6421	369.97	1114.4	5.3604	562.11	790.4333	8.1405
577.29	882.062	8.3646	320.47	978.0551	4.6448	370.39	1109.4	5.3644	562.12	796.6534	8.1391
577.3	886.745	8.3633	320.57	982.5	4.6461	370.45	1114.7	5.3671	562.12	802.8735	8.1418

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
577.31	891.5199	8.3619
577.32	896.2947	8.3619
577.32	901.0696	8.3619
577.33	905.7526	8.3619
577.33	910.5274	8.3619
577.34	915.3023	8.3606
577.35	920.0771	8.3606
577.35	924.852	8.3592
577.35	929.535	8.3619
577.36	934.3099	8.3606
577.36	939.0847	8.3606
577.37	943.7678	8.3619
577.37	948.5426	8.3606
577.38	953.3175	8.3619
577.38	958.0005	8.3606
577.38	962.7753	8.3633
577.39	967.5502	8.3633
577.4	972.2332	8.3646
577.41	977.0081	8.3646
577.42	981.6911	8.3687
577.44	986.4659	8.3687
577.65	981.6911	8.3727
577.95	978.6609	8.3781
578.21	973.8861	8.3822
578.34	978.5691	8.3808
578.42	973.7942	8.3835
578.81	969.0194	8.3903
578.85	973.7024	8.3916
578.91	969.0194	8.3916
579.38	973.7024	8.3984
579.42	968.9276	8.3997
579.95	970.0294	8.4051
581.23	965.3464	8.4254
581.31	970.1213	8.4254
581.72	965.3464	8.4321
581.95	966.7238	8.4362
582.7	961.8571	8.447
583.95	962.8672	8.4632
585.95	961.398	8.4929
587.95	958.4596	8.5226
588.24	953.6848	8.5267
588.29	958.3678	8.5253
589.95	956.6231	8.5523
590.33	961.3062	8.5564
590.4	956.5313	8.5591
591.95	953.9602	8.5793
593.95	954.603	8.609
594.14	949.8281	8.6117
594.19	954.5112	8.6131
594.56	949.7363	8.6185
594.63	954.4193	8.6185
594.86	949.6445	8.6225
595.11	954.4193	8.6266
595.76	949.5527	8.6347
595.95	953.3175	8.6387

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
320.76	978.0551	4.6488
320.91	973.6102	4.6502
321.07	969.1653	4.6529
321.97	968.8166	4.6664
322.26	964.3717	4.6704
322.34	959.9268	4.6731
322.44	964.3717	4.6704
322.46	968.7295	4.6731
322.52	973.0872	4.6731
323.97	972.9129	4.6961
324.34	968.468	4.7001
324.46	973.0872	4.7042
325.01	977.7065	4.7096
325.14	973.2616	4.7109
325.97	975.179	4.7258
326.28	970.7341	4.7298
326.45	975.179	4.7298
326.54	979.5367	4.7325
327.74	974.9175	4.7501
327.97	977.5322	4.7528
328.23	973.0872	4.7582
328.32	968.7295	4.7582
328.43	973.0872	4.7582
328.46	977.445	4.7609
329.97	978.4037	4.7825
330.26	974.046	4.7852
330.44	978.4037	4.7879
331.97	979.2753	4.8108
332.19	974.9175	4.8149
332.27	970.4726	4.8162
332.46	974.8303	4.8189
333.87	970.2111	4.8392
333.97	972.3028	4.8392
335.97	971.6928	4.8689
336.09	967.2478	4.8716
336.52	971.8671	4.8757
337.53	967.335	4.8932
337.68	971.6928	4.8932
337.97	969.3396	4.8973
338.24	964.8947	4.904
338.29	960.5369	4.904
338.35	956.092	4.904
338.47	960.5369	4.9027
338.49	964.8947	4.904
338.5	969.2524	4.904
338.54	973.9588	4.9067
339.04	969.5139	4.9135
339.97	968.7295	4.927
341.97	969.3396	4.9567
342.25	964.8947	4.9607
342.51	969.5139	4.9634
342.98	965.069	4.9702
343.07	969.4267	4.9715
343.46	964.9818	4.9783
343.55	969.4267	4.9796

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
371.11	1109.5	5.3766
371.91	1104.4	5.3874
371.97	1104.1	5.386
372.55	1099	5.3982
373.35	1093.8	5.409
373.54	1099.1	5.4103
373.67	1094.1	5.413
373.97	1095.4	5.4171
374.4	1090.3	5.4238
375.97	1088.7	5.4454
376.87	1083.6	5.4589
377.89	1078.4	5.4752
377.97	1077.4	5.4738
377.99	1082.7	5.4765
378.75	1077.6	5.4873
379.59	1072.5	5.4981
379.97	1071.4	5.5035
381.4	1066.2	5.5251
381.97	1067.1	5.5332
382.6	1062	5.5413
383.64	1056.8	5.5575
383.71	1062.1	5.5589
383.8	1057.1	5.5602
383.97	1058.7	5.5629
384.6	1053.6	5.571
385.46	1048.5	5.5832
385.97	1046.4	5.5913
386.57	1041.3	5.6021
387.66	1036.2	5.6169
387.97	1035.1	5.6196
388.69	1030	5.6318
389.53	1024.9	5.6439
389.97	1023.2	5.648
390.67	1018.1	5.6588
391.01	1023.3	5.6642
391.11	1018.3	5.6669
391.4	1013.3	5.6696
391.48	1018.6	5.6709
391.97	1015.5	5.679
393.61	1010.3	5.7033
393.97	1012.2	5.7074
394.32	1007.2	5.7128
394.89	1002.1	5.7209
395.67	997	5.7317
395.97	997.6	5.7357
396.27	992.6	5.7398
397.97	990.7	5.7641
398.87	985.5	5.779
399.97	984.4	5.7938
400.12	979.3	5.7965
400.4	974.3	5.8006
401.43	969.2	5.8154
401.74	964.2	5.8195
401.97	963.8	5.8235
402.38	958.8	5.8289

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
562.13	809.0936	8.1391
562.13	815.1941	8.1418
562.14	821.4142	8.1405
562.15	827.6343	8.1405
562.16	833.8544	8.1418
562.16	840.0746	8.1432
562.17	846.1751	8.1445
562.19	852.3952	8.1472
562.35	846.1751	8.1513
562.52	839.9549	8.154
563.06	833.6152	8.1621
563.95	832.0602	8.1756
564.03	825.8401	8.1756
564.58	831.9406	8.1837
564.66	825.7204	8.185
565.95	823.2085	8.2039
566.97	816.8687	8.2175
567.95	813.6391	8.2337
569.95	809.2132	8.262
571.49	803.1127	8.285
571.95	805.3855	8.2917
572.29	799.1653	8.2958
573.95	795.4572	8.3201
575.53	789.4763	8.3417
575.95	788.9978	8.3498
576.53	782.7777	8.3565
577.48	776.438	8.3714
577.95	776.7968	8.3781
579.41	770.4571	8.3997
579.95	770.3375	8.4065
581.48	764.3566	8.4294
581.95	767.4667	8.4348
582.93	761.1269	8.4497
583.95	756.8207	8.4645
585.54	750.7202	8.4888
585.95	753.8303	8.4942
586.56	747.6101	8.5023
587.53	741.2704	8.5159
587.95	745.0982	8.5226
589.39	738.7584	8.5442
589.95	738.6388	8.5523
591.01	732.4187	8.5672
591.95	730.7441	8.5807
593.5	724.4043	8.6036
593.95	722.8493	8.609
594.57	716.5096	8.6185
595.95	716.7488	8.6374
597.95	716.988	8.6671
599.7	710.5287	8.6927
599.95	710.5287	8.6954
601.92	704.5478	8.7265
601.95	703.8301	8.7251
603.92	697.7296	8.7535
603.95	700.1219	8.7535
605.03	693.7822	8.771

UCS Test Results, Stage Two

S3-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
596.64	948.5426	8.6482
597.04	943.7678	8.6536
597.95	945.3288	8.6671
599	940.4621	8.6819
599.95	937.9828	8.6968
600.3	942.6659	8.7022
600.46	937.891	8.7049
601.35	933.0243	8.7184
601.95	931.4633	8.7238
602.31	936.1464	8.7305
602.38	931.3715	8.7319
603.95	930.5451	8.7535
605.95	928.2495	8.7818
607.95	928.525	8.8116
609.45	923.8419	8.8345
609.54	928.6168	8.8345
609.83	923.8419	8.8399
609.9	928.525	8.8399
609.95	926.413	8.8413
611.95	924.1174	8.8696
612.69	919.2507	8.8818
613.95	918.1488	8.898
615.95	917.5979	8.9277
617.95	916.1287	8.9574
618.14	920.8117	8.9601
618.2	916.0369	8.9614
618.3	920.8117	8.9614
618.57	916.0369	8.9668
619.95	915.5778	8.9857
620.51	910.7111	8.9938
620.67	915.3941	8.9965
620.75	910.7111	8.9979
621.28	915.3023	9.006
621.95	915.8532	9.0141
623.95	913.4658	9.0438
625.95	912.6394	9.0735
627.95	911.9966	9.1018
629.19	907.4054	9.1208
629.95	905.5689	9.1316
631.13	900.7023	9.1478
631.95	899.0494	9.1599
633.95	894.6419	9.1883
635.95	892.3463	9.2166
637.53	887.6633	9.2409
637.95	887.296	9.2477
639.17	882.4293	9.2652
639.95	883.8066	9.276
641.95	882.062	9.3044
643.18	877.1953	9.3233
643.95	877.1035	9.3341
644.49	872.3286	9.3422
644.58	877.0117	9.3422
644.66	872.3286	9.3435
645.95	870.4003	9.3624
646.48	865.6255	9.3705

S3-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
343.84	964.9818	4.9823
343.97	963.7616	4.985
344.31	959.4039	4.9891
344.44	963.7616	4.9904
344.52	968.3809	4.9931
344.88	963.936	4.9985
345.97	961.4085	5.0147
346.24	957.0507	5.0174
346.53	961.6699	5.0215
347.86	957.0507	5.0431
347.97	958.5323	5.0431
348.3	954.0874	5.0498
348.51	958.4452	5.0498
349.26	953.9131	5.062
349.97	954.6975	5.0714
350.3	950.3397	5.0768
350.49	954.6975	5.0782
351.38	950.1654	5.0917
351.97	952.0829	5.1011
352.26	947.6379	5.1052
352.63	952.2572	5.1106
353.32	947.8123	5.12
353.6	952.4315	5.1241
353.96	947.9866	5.1295
353.97	947.7251	5.1308
354.52	952.3443	5.1376
354.8	947.8994	5.1403
355.97	947.4636	5.1592
356.2	943.0187	5.1619
356.52	947.6379	5.1673
356.94	943.193	5.1727
356.98	947.5508	5.1727
357.8	943.1059	5.1849
357.97	946.2435	5.1876
358.22	941.8857	5.193
358.56	946.5049	5.1957
359.23	941.9729	5.2065
359.97	941.2756	5.2173
361.97	942.4958	5.2456
362.21	938.0509	5.2497
362.49	942.6701	5.2524
362.83	938.3123	5.2578
362.93	942.9316	5.2591
363.01	938.5738	5.2618
363.49	934.1289	5.2686
363.97	934.6518	5.274
364.25	930.2069	5.2807
364.29	925.8492	5.2807
364.45	930.4684	5.2821
364.48	934.8261	5.2821
365.85	930.2941	5.3023
365.91	934.6518	5.3023
365.97	932.5601	5.3037
366.35	928.2023	5.3104
366.44	932.5601	5.3104

S4-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
403.68	953.6	5.8478
403.97	955.5	5.8519
404.88	950.4	5.8654
405	955.7	5.8667
405.51	950.7	5.8735
405.97	952.2	5.8816
406.39	947.2	5.887
407.33	942.1	5.9018
407.97	943.3	5.9086
408.37	938.3	5.9167
409.31	933.2	5.9288
409.36	938.5	5.9315
409.73	933.4	5.9356
409.97	933.8	5.9383
410.72	928.7	5.9491
411.97	929.5	5.9693
412.05	924.2	5.9693
412.15	929.5	5.9707
412.21	924.1	5.972
413.87	918.9	5.9963
413.97	922.6	5.9963
414.31	917.5	6.0031
414.63	922.8	6.0071
414.83	917.8	6.0098
415.64	912.7	6.022
415.97	910.7	6.026
416.49	905.6	6.0328
417.31	900.5	6.0449
417.97	901.1	6.0544
418.41	896.1	6.0611
419.53	891	6.076
419.97	891.9	6.0828
421.25	886.8	6.1017
421.97	886.7	6.1125
423.32	881.5	6.1341
423.96	878.8	6.1422
424.74	873.7	6.1543
425.57	868.6	6.1651
425.96	866.6	6.1719
426.48	861.5	6.18
427.62	856.4	6.1935
427.96	858	6.2002
428.18	852.7	6.2029
428.29	858	6.2043
428.86	852.9	6.2137
429.96	848.8	6.2286
430.22	843.8	6.234
431.75	838.7	6.2556
431.96	839.6	6.2569
432.79	834.6	6.2704
433.59	829.5	6.2812
433.96	830.8	6.2866
434.89	825.7	6.3001
435.96	824.9	6.3163
436.39	819.9	6.3217

S4-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
605.31	700.0023	8.7724
605.47	693.7822	8.7764
605.95	692.9449	8.7818
607.53	686.6052	8.8075
607.95	687.6817	8.8115
609.95	684.452	8.8413
611.95	684.5717	8.8696
612.44	678.3515	8.8777
613.95	674.763	8.8993
614.71	668.5429	8.9101
615.95	670.696	8.929
616.86	664.4759	8.9425
617.95	663.1601	8.9574
619.18	656.94	8.9749
619.26	663.0405	8.9763
619.5	656.94	8.9803
619.95	659.0931	8.9857
620.92	652.873	9.0006
621.29	658.9735	9.0046
621.4	652.873	9.0073
621.95	653.5907	9.0154
622.97	647.251	9.0303
623.95	644.1409	9.0438
625.05	637.9208	9.06
625.28	644.0213	9.0627
625.58	637.8012	9.0667
625.95	638.5189	9.0735
627.52	632.2988	9.0964
627.95	630.2653	9.1018
628.83	624.0451	9.1153
629.33	630.1456	9.1221
629.53	624.0451	9.1248
629.95	625.4805	9.1302
631.95	621.892	9.1599
633.95	619.7389	9.1883
635.95	620.6958	9.218
637.1	614.4757	9.2342
637.33	620.5762	9.2369
637.62	614.3561	9.2423
637.95	615.9111	9.2463
639.95	612.6815	9.276
641.95	610.8872	9.3044
643.95	611.1264	9.3341
645.47	604.7867	9.357
645.95	603.2317	9.3638
647.95	600.3608	9.3908
649.95	600.6001	9.4218
651.95	596.1742	9.4502
653.95	598.3273	9.4799
654.59	592.1072	9.4894
655.95	591.2699	9.5069
657.95	590.313	9.538
659.95	588.9972	9.5663
660.97	582.7771	9.5798
661.27	588.8776	9.5839

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
647.4	860.7588	9.384
647.95	859.8406	9.3908
648.85	854.9739	9.4056
649.95	854.7902	9.4219
651.3	849.9236	9.4394
651.5	854.6066	9.4435
651.95	853.4129	9.4489
653.26	848.8217	9.4691
653.95	849.2808	9.4799
655.2	844.4141	9.4961
655.28	849.0971	9.4988
655.34	844.4141	9.4988
655.95	844.3223	9.5083
657.11	839.4556	9.5245
657.17	844.1386	9.5258
657.94	839.3638	9.538
657.95	839.3638	9.538
659.95	835.8745	9.565
661.5	831.2833	9.5893
661.95	828.3449	9.5947
662.82	823.4782	9.6068
662.99	828.1613	9.6095
663.94	825.4065	9.623
664.12	820.7235	9.6271
664.98	815.8568	9.6392
665.94	815.4895	9.6541
667.94	812.2757	9.6824
669.24	807.409	9.7013
669.94	808.5109	9.7108
670.32	803.8279	9.7162
671.02	799.053	9.7256
671.94	799.5121	9.7392
672.28	804.1034	9.7446
672.84	799.4203	9.7527
673.94	800.4304	9.7675
674.84	795.6555	9.781
675.76	790.7889	9.7945
675.94	791.3398	9.7972
677.02	786.565	9.8134
677.94	786.7486	9.8269
678.48	781.9738	9.8337
679.94	779.219	9.8553
681.57	774.3524	9.8782
681.65	772.2404	9.8809

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
367.41	928.028	5.3239
367.97	927.3308	5.332
368.41	922.973	5.3388
368.5	927.3308	5.3388
369.69	922.7116	5.359
369.97	919.8354	5.3617
370.22	915.3905	5.3658
370.32	911.0328	5.3671
370.4	915.3905	5.3671
370.47	920.0098	5.3685
371.03	915.5648	5.3779
371.09	919.9226	5.3766
371.69	915.4777	5.3874
371.85	920.0969	5.3887
371.95	915.7392	5.3901
371.97	916.0006	5.3901
373.19	911.4686	5.4076
373.97	911.6429	5.4198
374.19	907.2851	5.4238
374.52	911.9043	5.4279
374.79	907.4594	5.4319
375.97	906.5007	5.4481
377.97	905.0191	5.4792
378.24	900.5742	5.4833
378.84	905.1934	5.49
378.91	900.8356	5.4914
379.97	897.4366	5.5062
380.65	902.0558	5.517
380.74	897.6109	5.5184
381.97	899.2668	5.5359
382.21	894.8219	5.54
382.34	890.4642	5.5413
382.47	895.0834	5.5413
382.59	899.7026	5.5454
382.82	895.3449	5.5481
383.87	890.8128	5.5629
383.97	892.8174	5.5656
384.24	888.4596	5.5697
385.94	883.8404	5.5926
385.97	884.189	5.594
386.05	888.8082	5.5953
386.24	884.4505	5.598
387.97	883.3174	5.6237
388.2	878.8725	5.6277
388.24	874.2533	5.6277
388.31	869.8955	5.6291
388.43	874.2533	5.6277
388.45	878.6111	5.6264
388.47	883.2303	5.6291
389.06	878.7854	5.6385
389.19	883.4046	5.6399
389.56	879.0468	5.6466
389.85	883.6661	5.6507
389.97	881.5743	5.6507
390.26	877.2166	5.6561

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
436.85	814.9	6.3285
437.01	820.2	6.3285
437.49	815.1	6.3393
437.96	816.4	6.3447
438.45	811.4	6.3528
438.69	816.6	6.3555
438.77	811.3	6.3568
439.63	806.3	6.369
439.96	808.9	6.3717
440.35	803.9	6.3798
441.27	798.8	6.3933
441.96	798.7	6.4028
442.17	793.4	6.4068
442.26	798.7	6.4068
442.75	793.7	6.4163
442.85	788.4	6.4149
442.93	793.7	6.4149
443.84	788.6	6.4298
443.96	791.2	6.4325
444.03	785.9	6.4338
444.93	780.9	6.446
445.96	778.1	6.4608
446.84	773	6.4757
447.85	768	6.4892
447.96	770.3	6.4892
448.56	765.3	6.4986
448.64	770.5	6.4986
448.83	765.2	6.5027
449.96	762.5	6.5189
451.13	757.4	6.5351
451.96	755.6	6.5486
452.86	750.6	6.5607
453.96	747.8	6.5769
454.8	742.8	6.5904
454.93	737.5	6.5904
455.08	742.8	6.5918
455.68	737.7	6.6012
455.96	736.4	6.6053
456.86	731.3	6.6201
457.96	731.6	6.6336
459.84	726.4	6.662
459.96	728.4	6.6633
460.84	723.3	6.6768
461.96	721.9	6.6931
462.78	716.9	6.7039
463.96	713.4	6.7201
464.98	708.4	6.7363
465.96	706.3	6.7498
466.42	701	6.7565
466.65	706.2	6.7606
466.81	700.9	6.7633
467.64	695.9	6.7741
467.96	698.2	6.7781
468.49	693.2	6.7876
468.79	687.9	6.793

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
661.54	582.6574	9.5893
661.95	583.3751	9.5947
663.94	582.0594	9.6244
665.94	578.4708	9.6527
667.94	575.9589	9.6811
669.94	573.088	9.7108
671.94	574.045	9.7405
673.94	574.2842	9.7702
675.4	568.0641	9.7905
675.67	574.1646	9.7932
675.94	569.4995	9.7972
677.27	575.8392	9.8161
677.49	569.7387	9.8188
677.94	570.9349	9.8256
679.94	571.4134	9.8553
681.19	565.3129	9.8728
681.94	565.911	9.8836
683.94	562.3224	9.9147
685.47	556.1023	9.9363
685.94	559.0928	9.943
687.94	558.9732	9.9714
689.55	552.753	9.9957
689.78	558.7339	9.997
689.94	556.82	9.9997
691.69	550.5999	10.0254
691.94	554.0688	10.0281
693	547.8487	10.0443
693.94	548.5664	10.0592
695.94	547.6095	10.0889
697.94	547.3702	10.1159
699.94	547.2506	10.1469
701.94	545.9348	10.1753
703.94	547.6095	10.2036
705.94	543.6621	10.232
707.94	542.3463	10.2603
709.94	540.3128	10.2927
711.94	540.552	10.3184
713.87	534.3319	10.3468
713.94	536.1262	10.3481
715.94	533.7338	10.3765
717.94	529.7865	10.4062
719.62	523.5663	10.4305
719.94	524.7625	10.4345
721.14	518.5424	10.4521
721.94	519.619	10.4642
723.58	513.3988	10.4872
723.94	516.0304	10.4939
724.84	509.9299	10.5061
725.94	511.0065	10.5223
727.94	509.6907	10.552
729.94	506.461	10.579
731.94	505.1452	10.6087
733.94	505.3845	10.6398
735.94	504.906	10.6668
736.74	498.8055	10.6789

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
390.43	881.8358	5.6588
391.97	881.5743	5.6804
392.08	877.2166	5.6817
393.97	876.0836	5.7101
394.21	871.7258	5.7141
394.49	876.345	5.7168
394.99	871.9001	5.7249
395.97	873.2946	5.7371
396.3	868.8497	5.7438
396.48	873.4689	5.7452
397.15	869.024	5.7573
397.34	873.6432	5.7587
397.42	869.2855	5.76
397.97	870.9414	5.7668
398.11	866.5837	5.7695
398.5	871.2029	5.7749
398.89	866.758	5.7803
399.09	871.3772	5.7844
399.16	867.0194	5.7857
399.97	866.5837	5.7965
400.21	862.2259	5.8006
400.43	866.8451	5.8033
401.97	866.6708	5.8262
402.21	862.313	5.8289
402.53	866.8451	5.833
402.99	862.4874	5.8397
403.97	862.5745	5.8546
405.59	858.0424	5.8789
405.97	860.9186	5.8829
406.19	856.5608	5.887
406.48	861.0929	5.891
406.75	856.7351	5.8951
407.97	856.2993	5.9126
408.17	851.9416	5.9167
408.6	856.4737	5.9221
409.11	852.1159	5.9288
409.97	850.8086	5.9423
410.33	846.4508	5.9464
410.46	851.07	5.9491
411.65	846.538	5.9653
411.97	846.1893	5.9707
412.21	841.8316	5.9747
412.5	846.4508	5.9774
413.61	842.0059	5.995
413.97	843.9233	5.999
414.19	839.5656	6.0031
414.54	844.1848	6.0071
415.01	839.7399	6.0152
415.97	839.3912	6.0274
416.29	834.9463	6.0328
416.48	839.5656	6.0355
417.71	835.0335	6.0544
417.97	838.2582	6.0584
418.17	833.5518	6.0598
418.5	838.1711	6.0638

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
469.12	682.6	6.7957
469.96	680.5	6.8092
471.74	675.4	6.8335
471.96	677.7	6.8375
472.8	672.7	6.8497
473.96	669.9	6.8659
475.96	667.1	6.8942
477.96	664.3	6.9239
478.9	659.2	6.9388
479.96	657.2	6.9536
480.56	651.9	6.9617
481.96	649.4	6.982
482.85	644.4	6.9955
483.96	642.3	7.0104
485.76	637.2	7.0374
485.93	642.5	7.0401
485.96	640.2	7.0414
486.81	635.2	7.0536
487.96	632.7	7.0698
488.83	627.4	7.0819
489	632.7	7.0833
489.77	627.6	7.0954
489.96	629.6	7.0981
490.8	624.6	7.1116
491.96	625.5	7.1265
493.21	620.4	7.1467
493.96	623	7.1575
494.29	617.7	7.1602
494.48	622.9	7.1629
494.86	617.7	7.1697
495.96	614.3	7.1845
496.58	619.5	7.194
496.79	614.2	7.198
497.96	612.8	7.2129
499.3	607.7	7.2345
499.96	607.3	7.2426
501.82	602.3	7.2696
501.96	604.2	7.2723
503.31	599.2	7.2926
503.96	597.2	7.3007
505.37	592.1	7.3223
505.96	594	7.3304
507.96	593.2	7.3587
509.96	591.4	7.3871
510.54	586.1	7.3965
511.96	584.6	7.4181
513.96	582.5	7.4451
514.85	577.2	7.46
515.68	571.9	7.4721
515.96	572.2	7.4748
517.96	573.3	7.5032
518.77	568	7.5167
519.96	566	7.5329
521.65	560.9	7.5572
521.96	562.2	7.5626

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
737.94	500.2409	10.6965
739.94	497.0112	10.7248
741.94	497.2505	10.7545
743.92	491.0303	10.7829
743.94	491.0303	10.7829
745.94	488.9968	10.8126
747.94	486.2456	10.8409
749.94	486.8437	10.8706
750.76	480.7432	10.8828
751.94	480.2648	10.899
753.94	478.5901	10.9287
755.94	478.1116	10.9571
757.94	475.2408	10.9854
759.94	475.8389	11.0151
761.94	475.3604	11.0448
763.94	475.9585	11.0732
765.67	469.858	11.0975
765.94	473.2073	11.1029
767.94	470.6953	11.1312
769.94	467.5853	11.1609
771.94	468.9011	11.1893
773.65	462.8006	11.2136
773.83	456.8197	11.2176
773.94	454.547	11.2176
774.93	448.4465	11.2325
775.22	454.7862	11.2352
775.94	452.8723	11.246
777.94	453.1116	11.2771
779.94	452.2742	11.3041
781.07	446.1737	11.3203
781.93	447.968	11.3338
783.12	441.8675	11.3513
783.93	443.6618	11.3635
785.93	442.8244	11.3918
787.69	436.7239	11.4175
787.8	442.7048	11.4175
787.93	441.5086	11.4202
789.93	438.3986	11.4485
791.03	432.4177	11.4661
791.93	430.8627	11.4782
793.93	428.4703	11.5079
795.14	422.3698	11.5255
795.93	425.3603	11.5349
796.03	419.2598	11.539
796.22	425.5995	11.5403
797.11	419.6186	11.5539
797.35	425.9584	11.5566
797.93	421.4129	11.566
798.85	415.432	11.5795
799.01	421.7717	11.5809
799.11	415.7909	11.5836
799.43	422.1306	11.5876
799.47	416.1497	11.5903
799.51	409.81	11.589
799.67	416.1497	11.589

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
419.62	833.7262	6.0801
419.97	832.1574	6.0868
421.18	827.7125	6.1044
421.97	826.1437	6.1152
423.55	821.6116	6.1381
423.96	821.6116	6.1435
425.96	821.0015	6.1732
426.18	816.6438	6.1773
426.51	821.263	6.18
426.97	816.9052	6.1881
427.96	815.8594	6.2029
428.29	811.5016	6.207
428.74	816.0337	6.2137
429.45	811.6759	6.2245
429.96	812.1988	6.2313
430.25	807.8411	6.2367
430.38	812.3731	6.2367
431.61	807.9282	6.2542
431.96	809.3227	6.2596
432.14	804.7035	6.2637
432.23	800.0843	6.2637
432.4	804.7035	6.2637
432.46	809.2356	6.2664
432.89	804.8778	6.2731
433.94	800.4329	6.288
433.96	800.6944	6.2893
434.27	796.3366	6.2947
434.51	800.9558	6.2961
435.96	798.6898	6.319
436.19	794.0706	6.3217
436.41	798.6898	6.3258
437.26	794.2449	6.3379
437.96	793.8963	6.3474
438.25	789.5385	6.3528
438.6	794.0706	6.3568
439.09	789.7128	6.3636
439.96	789.6257	6.3757
440.2	785.2679	6.3812
440.62	789.8	6.3852
440.91	785.4422	6.3906
441.96	785.0064	6.4055
442.21	780.3872	6.4095
442.46	785.0064	6.4122
442.91	780.6487	6.419
443.96	778.7313	6.4352
444.23	774.112	6.4379
444.44	778.7313	6.4406
445.96	777.6854	6.4635
446.35	773.3276	6.4703
446.48	777.8597	6.4689
447.96	775.4194	6.4919
448.21	770.8001	6.4959
448.43	775.3322	6.4986
449.96	774.2863	6.5202
450.19	769.6671	6.5243

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
523.8	557.2	7.5882
523.96	559.1	7.591
525.94	554	7.6193
525.96	555.3	7.6193
527.96	551.6	7.6477
529.8	546.5	7.676
529.83	547.5	7.6747

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
799.91	410.1688	11.5944
799.93	412.3219	11.5944
800.15	418.6617	11.5957
800.19	412.6808	11.5998
800.23	406.3411	11.5998
800.36	412.6808	11.6011
800.44	419.0205	11.5984
800.53	413.0397	11.6079
800.55	406.6999	11.6079
800.56	400.3602	11.6079
800.57	394.0204	11.6052
800.59	387.6807	11.6065
800.61	381.341	11.6092
800.62	375.0012	11.6092
800.63	368.6615	11.6079
800.64	362.3218	11.6106
800.65	355.982	11.6079
800.67	349.6423	11.6092
800.68	343.3026	11.6092
800.69	336.9628	11.6119
800.7	330.6231	11.6106
800.71	324.2834	11.6092
800.72	318.3025	11.6133
800.73	311.9628	11.6106
800.74	305.623	11.6119
800.75	299.2833	11.6092
800.77	292.9436	11.6092
800.82	286.6038	11.6092
800.87	292.9436	11.6065
800.9	299.2833	11.6079
800.92	305.623	11.6065
800.93	311.9628	11.6052
800.94	318.3025	11.6065
800.96	324.2834	11.6025
800.97	330.6231	11.6011
800.97	336.9628	11.6011
800.98	343.3026	11.6038
800.98	349.2835	11.5998
800.99	355.6232	11.6052
801	361.9629	11.6038
801	368.3027	11.6038
801.01	374.6424	11.6025
801.02	380.9821	11.6025
801.02	387.3219	11.6025
801.03	393.6616	11.5998
801.03	400.3602	11.5998
801.04	406.6999	11.6025
801.04	413.0397	11.6025
801.06	419.3794	11.6038
801.13	413.3985	11.6146
801.15	407.0588	11.6146
801.18	400.719	11.616
801.2	394.3793	11.616
801.23	388.0396	11.6173
801.25	381.6998	11.6187

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
450.46	774.1992	6.5283
451.64	769.7543	6.5459
451.86	774.3735	6.5486
451.96	773.2405	6.5499
452.19	768.5341	6.554
452.48	773.1533	6.558
452.89	768.7956	6.5634
453.96	766.0938	6.5783
455.96	763.2176	6.6066
456.24	758.5984	6.6134
457.96	756.9425	6.6363
458.87	752.5847	6.6485
459.96	749.5343	6.666
461	745.1765	6.6809
461.96	745.0022	6.6958
462.2	740.383	6.6985
462.45	745.0022	6.7025
463.28	740.5573	6.7133
463.96	738.4656	6.7241
464.78	734.1078	6.7363
465.96	733.1491	6.7525
466.25	728.4427	6.7592
467.96	728.2684	6.7822
468.75	723.9107	6.793
469.96	722.3419	6.8119
470.21	717.7227	6.8159
470.43	722.2547	6.8173
471.37	717.897	6.8321
471.96	718.9428	6.8402
473.61	714.4979	6.8632
473.96	714.4108	6.8686
474.64	710.053	6.878
475.47	705.6952	6.8902
475.96	706.4796	6.8983
476.19	701.8604	6.901
476.47	706.3925	6.905
477.14	702.0347	6.9145
477.96	702.2962	6.9266
479.12	697.8513	6.9428
479.96	696.8926	6.9563
479.96	696.8926	6.9563

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
801.27	375.3601	11.6187
801.29	369.0204	11.6173
801.3	362.6806	11.6187
801.32	356.3409	11.6173
801.33	350.0012	11.616
801.35	344.0203	11.62
801.37	337.6805	11.616
801.41	331.3408	11.6173
801.44	325.0011	11.616
801.5	318.6613	11.6187
801.64	325.0011	11.6187
801.66	330.982	11.6146
801.67	337.3217	11.6173
801.68	343.6614	11.6173
801.69	350.0012	11.6146
801.7	356.3409	11.6173
801.72	362.6806	11.616
801.72	369.0204	11.6146
801.73	375.3601	11.6146
801.74	381.6998	11.6133
801.75	388.0396	11.616
801.76	394.3793	11.6133
801.76	400.719	11.6119
801.77	407.0588	11.6119
801.78	413.3985	11.6146
801.79	419.7382	11.6146
801.81	426.078	11.6214
801.85	419.6186	11.6241
801.93	417.8244	11.6268
801.96	411.4846	11.6241
801.99	405.1449	11.6268
802.02	398.8052	11.6281
802.07	392.4654	11.6254
802.11	386.1257	11.6281
802.15	379.786	11.6295
802.32	385.7668	11.6241
802.33	392.1066	11.6268
802.34	398.4463	11.6295
802.37	404.786	11.6281
802.4	411.1258	11.6254
802.42	417.4655	11.6295
802.49	411.1258	11.6295
802.96	405.0253	11.6389
803	399.0444	11.643
803.02	392.7047	11.643
803.04	386.3649	11.6443
803.06	380.0252	11.6443
803.08	373.6855	11.6457
803.09	367.3457	11.6457
803.09	361.006	11.647
803.1	354.6663	11.647
803.11	348.3265	11.6457
803.12	341.9868	11.6484
803.13	335.647	11.6484
803.14	329.3073	11.6484

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
803.14	322.9676	11.6484
803.15	316.6278	11.6497
803.16	310.2881	11.6484
803.16	303.9484	11.6484
803.17	297.7283	11.647
803.18	291.2689	11.6484
803.19	285.0488	11.647
803.2	278.7091	11.6457
803.33	284.6899	11.6376
803.34	291.0297	11.6362
803.34	297.3694	11.6376
803.35	304.068	11.6389
803.36	310.4077	11.6403
803.37	316.7475	11.6376
803.38	323.0872	11.6362
803.39	329.4269	11.6349
803.39	335.7667	11.6335
803.4	342.1064	11.6349
803.4	348.4461	11.6362
803.41	354.7859	11.6376
803.41	361.1256	11.6349
803.42	367.4653	11.6349
803.42	374.1639	11.6322
803.42	380.8625	11.6308
803.43	387.2022	11.6349
803.43	393.542	11.6362
803.44	399.8817	11.6403
803.45	406.2214	11.6403
803.46	412.5612	11.643
803.51	418.7813	11.6443
803.58	412.8004	11.6497
803.65	406.4607	11.647
803.78	412.8004	11.6497
803.81	406.4607	11.6497
803.9	412.8004	11.6511
803.93	411.7239	11.6511
803.97	405.3841	11.6551
803.98	399.0444	11.6551
803.98	392.3458	11.6565
803.98	386.0061	11.6592
803.99	379.6663	11.6592
804	373.3266	11.6565
804.02	366.9869	11.6578
804.03	360.6471	11.6565
804.06	354.3074	11.6619
804.07	347.9677	11.6592
804.08	341.6279	11.6578
804.09	335.2882	11.6605
804.11	328.9485	11.6605
804.12	322.6087	11.6605
804.13	316.269	11.6592
804.15	309.9293	11.6592
804.17	303.5895	11.6619
804.19	297.2498	11.6578
804.22	290.9101	11.6592

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
804.27	284.5703	11.6565
804.34	290.9101	11.6592
804.36	297.2498	11.6551
804.37	303.5895	11.6551
804.39	309.9293	11.6538
804.4	316.269	11.6524
804.4	322.6087	11.6565
804.41	328.9485	11.6524
804.42	335.2882	11.6565
804.43	341.6279	11.6538
804.44	347.9677	11.6511
804.45	354.3074	11.6524
804.45	360.6471	11.6551
804.46	367.3457	11.6524
804.46	373.6855	11.6538
804.47	379.6663	11.6497
804.47	386.0061	11.6497
804.48	392.3458	11.6511
804.48	398.6855	11.6524
804.49	405.0253	11.6551
804.51	411.365	11.6578
804.52	417.7047	11.6565
804.6	411.6042	11.6646
804.95	405.6234	11.67
804.99	399.2836	11.6686
805.05	392.9439	11.6686
805.08	386.963	11.6727
805.09	380.7429	11.674
805.1	374.2835	11.674
805.12	368.0634	11.6727
805.13	361.7237	11.6754
805.14	355.384	11.674
805.16	349.0442	11.6754
805.16	342.7045	11.6754
805.17	336.3648	11.6767
805.18	330.025	11.6781
805.19	323.6853	11.6781
805.2	317.3456	11.6781
805.21	311.0058	11.6767
805.22	304.6661	11.6767
805.22	298.3264	11.6781
805.23	291.9866	11.6767
805.24	285.6469	11.6767
805.25	279.3071	11.674
805.36	285.6469	11.6673
805.37	291.9866	11.67
805.38	298.3264	11.6686
805.39	304.6661	11.6673
805.4	311.0058	11.6659
805.41	317.3456	11.6673
805.41	323.6853	11.6646
805.42	330.025	11.6686
805.42	336.3648	11.6646
805.43	342.7045	11.6646
805.43	349.0442	11.6646

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
805.44	355.384	11.6673
805.44	361.7237	11.6646
805.45	368.0634	11.6632
805.45	374.4032	11.6619
805.46	380.7429	11.6659
805.46	387.0826	11.6646
805.47	393.4224	11.6646
805.47	399.7621	11.6646
805.48	406.1018	11.6686
805.49	412.3219	11.6727
805.63	406.3411	11.6767
805.93	411.6042	11.6848
805.97	405.2645	11.6848
805.99	398.9248	11.6862
806.01	392.585	11.6821
806.06	386.6042	11.6875
806.12	380.2644	11.6848
806.28	386.6042	11.6862
806.3	392.9439	11.6821
806.31	399.2836	11.6821
806.34	405.6234	11.6862
806.36	411.9631	11.6862
806.53	405.9822	11.6916
807.09	399.8817	11.6997
807.16	393.6616	11.6997
807.19	387.3219	11.7024
807.21	380.9821	11.7037
807.23	374.6424	11.7051
807.25	368.3027	11.7037
807.27	361.9629	11.7051
807.28	355.6232	11.7051
807.3	349.2835	11.7037
807.31	342.9437	11.7051
807.33	336.604	11.7064
807.35	330.2643	11.7037
807.36	323.9245	11.7024
807.42	330.2643	11.701
807.45	336.604	11.7037
807.48	342.9437	11.701
807.5	349.2835	11.701
807.51	355.6232	11.6997
807.52	361.9629	11.701
807.53	368.3027	11.701
807.54	374.6424	11.6983
807.55	380.9821	11.6983
807.56	387.3219	11.6997
807.56	393.6616	11.6956
807.57	400.0013	11.697
807.59	406.2214	11.7024
807.61	412.5612	11.7024
807.75	406.5803	11.7078
807.87	400.2406	11.7105
807.93	403.5899	11.7091
808.19	397.609	11.7159
808.34	403.9487	11.7145

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
808.59	397.9678	11.7213
808.75	404.3076	11.7199
809.08	398.3267	11.7294
809.12	391.9869	11.7307
809.16	385.6472	11.7307
809.18	379.3075	11.7307
809.19	372.9677	11.7334
809.21	366.628	11.7321
809.23	360.2883	11.7334
809.24	353.9485	11.7334
809.25	347.6088	11.7334
809.26	341.2691	11.7348
809.27	334.9293	11.7348
809.29	328.7092	11.7348
809.3	322.3695	11.7348
809.31	316.0298	11.7348
809.32	309.69	11.7348
809.33	303.3503	11.7321
809.35	297.0106	11.7361
809.36	290.6708	11.7348
809.44	297.0106	11.7294
809.46	303.3503	11.728
809.47	309.69	11.7294
809.48	316.0298	11.728
809.49	322.3695	11.728
809.5	328.7092	11.7267
809.51	335.049	11.7267
809.52	341.3887	11.7267
809.52	347.7284	11.728
809.53	354.0682	11.7253
809.54	360.2883	11.728
809.54	366.628	11.724
809.55	372.9677	11.7253
809.55	379.3075	11.728
809.56	386.0061	11.7253
809.57	392.3458	11.728
809.57	398.6855	11.7253
809.58	405.0253	11.7253
809.6	411.365	11.7348
809.75	405.0253	11.7361
809.93	405.0253	11.7402
810.06	398.6855	11.7429
810.58	404.9057	11.7469
810.85	398.9248	11.7523
811.11	392.585	11.7591
811.13	386.2453	11.7604
811.16	379.9056	11.7618
811.17	373.5658	11.7618
811.18	367.2261	11.7631
811.19	360.8864	11.7631
811.2	354.5466	11.7645
811.21	348.3265	11.7658
811.22	341.9868	11.7658
811.23	335.647	11.7645
811.24	329.3073	11.7645

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
811.25	322.9676	11.7658
811.25	316.6278	11.7645
811.26	309.9293	11.7672
811.27	303.5895	11.7645
811.28	297.2498	11.7645
811.28	290.9101	11.7672
811.29	284.2115	11.7658
811.3	277.8717	11.7645
811.31	271.6516	11.7618
811.38	277.9914	11.7564
811.39	284.2115	11.7577
811.41	290.5512	11.755
811.42	296.8909	11.7577
811.43	303.2307	11.755
811.44	309.5704	11.755
811.44	315.9101	11.7537
811.45	322.2499	11.755
811.46	328.5896	11.7523
811.46	334.9293	11.7523
811.47	341.2691	11.755
811.47	347.6088	11.751
811.48	353.9485	11.7523
811.48	360.2883	11.751
811.49	366.5084	11.7537
811.49	372.8481	11.7537
811.5	379.1879	11.7523
811.5	385.5276	11.755
811.51	391.8673	11.7537
811.51	398.2071	11.7564
811.53	404.5468	11.7591
811.71	398.5659	11.7645
811.93	395.9343	11.7672
812.39	389.9534	11.7753
812.5	396.2932	11.7766
813.09	390.1927	11.7874
813.12	383.853	11.7888
813.15	377.6328	11.7901
813.17	371.2931	11.7928
813.18	364.9534	11.7915
813.19	358.6136	11.7928
813.2	352.2739	11.7928
813.21	345.9342	11.7928
813.22	339.5944	11.7955
813.23	333.2547	11.7928
813.24	326.915	11.7942
813.25	320.5752	11.7942
813.25	314.2355	11.7955
813.26	308.0154	11.7955
813.27	301.6756	11.7955
813.27	295.3359	11.7969
813.28	288.9962	11.7955
813.29	282.6564	11.7942
813.29	276.3167	11.7942
813.3	269.977	11.7901
813.32	263.6372	11.7874

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
813.38	269.977	11.7861
813.39	276.3167	11.7861
813.4	282.6564	11.7861
813.41	288.9962	11.7847
813.42	295.3359	11.7847
813.43	302.0345	11.782
813.44	308.3742	11.782
813.44	314.714	11.782
813.45	321.0537	11.782
813.45	327.3934	11.7807
813.46	333.7332	11.7807
813.46	340.0729	11.7793
813.47	346.293	11.7807
813.47	352.6328	11.7807
813.48	359.3313	11.782
813.48	366.0299	11.7793
813.49	372.3697	11.782
813.49	379.0682	11.782
813.5	385.408	11.782
813.5	391.7477	11.782
813.51	398.0874	11.7847
813.53	404.3076	11.7915
813.62	398.0874	11.7928
813.89	391.6281	11.7982
813.93	394.6185	11.7955
815.08	388.6377	11.8171
815.11	382.2979	11.8158
815.16	375.9582	11.8198
815.17	369.6185	11.8198
815.19	363.2787	11.8212
815.2	356.939	11.8225
815.21	350.5993	11.8212
815.22	344.3791	11.8212
815.23	338.0394	11.8225
815.24	331.6997	11.8225
815.25	325.3599	11.8239
815.26	319.0202	11.8239
815.26	312.6805	11.8239
815.27	306.3407	11.8252
815.28	300.001	11.8252
815.29	293.7809	11.8239
815.29	287.4411	11.8252
815.3	281.1014	11.8239
815.31	274.7617	11.8225
815.32	268.4219	11.8171
815.41	274.7617	11.8158
815.42	281.1014	11.8144
815.43	287.4411	11.8158
815.44	293.7809	11.8158
815.45	300.1206	11.8131
815.46	306.4603	11.8117
815.47	312.6805	11.8131
815.48	319.0202	11.8144
815.48	325.3599	11.8117
815.49	332.0585	11.8131

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
815.5	338.3983	11.8131
815.5	344.738	11.8131
815.51	351.0777	11.8104
815.51	357.4175	11.8104
815.52	364.116	11.8117
815.52	370.4558	11.8117
815.53	376.7955	11.8104
815.53	383.0156	11.8117
815.54	389.3554	11.8131
815.55	395.6951	11.8171
815.57	402.0348	11.8198
815.65	395.6951	11.8239
815.79	389.3554	11.8239
815.93	391.5085	11.8239
817.13	385.5276	11.8455
817.17	379.1879	11.8482
817.18	372.8481	11.8495
817.2	366.5084	11.8482
817.22	360.1687	11.8495
817.23	353.8289	11.8509
817.24	347.6088	11.8509
817.25	341.2691	11.8522
817.27	334.9293	11.8522
817.27	328.5896	11.8509
817.28	322.2499	11.8509
817.29	315.9101	11.8522
817.3	309.5704	11.8522
817.31	303.3503	11.8509
817.32	297.0106	11.8495
817.34	290.6708	11.8536
817.35	284.3311	11.855
817.36	277.9914	11.8482
817.37	271.6516	11.8482
817.46	277.9914	11.8469
817.48	284.3311	11.8469
817.5	290.6708	11.8455
817.52	297.0106	11.8455
817.54	303.3503	11.8455
817.54	309.69	11.8455
817.55	316.0298	11.8428
817.56	322.2499	11.8441
817.57	328.9485	11.8441
817.58	335.2882	11.8455
817.58	341.6279	11.8441
817.59	347.9677	11.8414
817.6	354.3074	11.8428
817.6	360.6471	11.8414
817.61	366.9869	11.8414
817.61	373.207	11.8414
817.62	379.5467	11.8428
817.62	385.8865	11.8441
817.64	392.2262	11.8441
817.66	398.4463	11.8522
817.75	392.2262	11.8536
817.93	391.03	11.8563

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
818.15	384.6903	11.859
818.21	391.03	11.859
818.59	384.6903	11.8644
818.7	391.03	11.8671
819.07	385.0491	11.8752
819.16	378.7094	11.8779
819.17	372.3697	11.8766
819.18	366.0299	11.8779
819.19	359.6902	11.8779
819.2	353.3505	11.8793
819.21	347.1303	11.8806
819.22	340.7906	11.8793
819.23	334.4509	11.8793
819.24	328.1111	11.8806
819.25	321.7714	11.8806
819.26	315.4317	11.8806
819.26	309.0919	11.8833
819.27	302.8718	11.8806
819.28	296.5321	11.882
819.28	290.1924	11.8833
819.29	283.8526	11.8833
819.3	277.5129	11.882
819.31	271.1732	11.882
819.31	264.953	11.8793
819.33	258.6133	11.8793
819.38	264.953	11.8712
819.39	271.2928	11.8725
819.4	277.6325	11.8712
819.41	283.8526	11.8712
819.42	290.1924	11.8698
819.43	296.5321	11.8698
819.44	302.8718	11.8698
819.44	309.2116	11.8671
819.45	315.5513	11.8698
819.45	322.2499	11.8671
819.46	328.47	11.8698
819.46	334.8097	11.8685
819.47	341.1495	11.8698
819.47	347.4892	11.8671
819.48	353.8289	11.8685
819.48	360.1687	11.8671
819.49	366.5084	11.8685
819.49	373.0874	11.8685
819.5	379.4271	11.8698
819.5	385.7668	11.8739
819.53	392.1066	11.8752
819.68	385.7668	11.8806
819.93	385.7668	11.8833
821.09	379.6663	11.9022
821.12	373.3266	11.9036
821.16	366.9869	11.9049
821.17	360.7667	11.9063
821.18	354.427	11.909
821.19	348.0873	11.909
821.2	341.7475	11.9076

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
821.21	335.4078	11.909
821.22	329.0681	11.9103
821.22	322.848	11.909
821.23	316.5082	11.9117
821.24	310.1685	11.9117
821.24	303.8288	11.913
821.24	296.7713	11.913
821.25	290.0727	11.9117
821.25	283.733	11.9103
821.25	277.3933	11.9103
821.25	271.1732	11.9117
821.26	264.8334	11.9117
821.27	258.4937	11.909
821.27	252.1539	11.9076
821.36	258.4937	11.8995
821.37	264.8334	11.8982
821.38	271.1732	11.8995
821.38	277.5129	11.8995
821.39	283.8526	11.8955
821.4	290.0727	11.8982
821.4	296.4125	11.8982
821.41	302.7522	11.8955
821.42	309.0919	11.8982
821.42	315.4317	11.8955
821.43	321.7714	11.8968
821.43	328.1111	11.8955
821.44	334.3313	11.8955
821.44	340.671	11.8941
821.44	347.0107	11.8941
821.45	353.7093	11.8968
821.45	360.049	11.8941
821.46	366.7476	11.8968
821.46	372.9677	11.8968
821.47	379.3075	11.9009
821.48	385.6472	11.9036
821.68	379.3075	11.9103
821.93	380.7429	11.9117
823.07	374.762	11.9319
823.11	368.4223	11.9319
823.14	362.0825	11.936
823.15	355.7428	11.9373
823.16	349.4031	11.9373
823.17	343.183	11.936
823.18	336.8432	11.9373
823.19	330.5035	11.9373
823.2	324.1638	11.9387
823.21	317.824	11.94
823.21	311.4843	11.94
823.22	305.2642	11.94
823.23	298.9244	11.94
823.24	292.5847	11.94
823.24	286.245	11.94
823.25	279.9052	11.9414
823.26	273.6851	11.9414
823.26	267.3454	11.9414

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
823.27	261.0057	11.9387
823.28	254.6659	11.9387
823.29	248.4458	11.936
823.36	254.6659	11.9292
823.37	261.0057	11.9279
823.38	267.3454	11.9292
823.39	273.6851	11.9292
823.4	280.0249	11.9279
823.41	286.3646	11.9252
823.42	292.5847	11.9265
823.42	298.9244	11.9279
823.43	305.2642	11.9252
823.43	311.6039	11.9279
823.44	318.3025	11.9252
823.44	325.0011	11.9265
823.45	331.2212	11.9252
823.46	337.5609	11.9265
823.46	343.9007	11.9238
823.46	350.2404	11.9265
823.47	356.939	11.9252
823.47	363.2787	11.9265
823.48	369.4988	11.9265
823.49	375.8386	11.9292
823.51	382.1783	11.9319
823.64	375.8386	11.9387
823.93	379.9056	11.9414
824.59	373.9247	11.9522
825.17	367.9438	11.963
825.21	361.6041	11.9616
825.26	355.2643	11.9643
825.37	361.6041	11.9589
825.39	367.9438	11.9589
825.4	374.2835	11.9603
825.93	370.4558	11.9711
826.57	364.116	11.9805
827.15	357.7763	11.9913
827.18	351.4366	11.9913
827.21	345.0968	11.9927
827.23	338.8767	11.994
827.25	332.537	11.9927
827.27	326.1973	11.9967
827.28	319.8575	11.994
827.29	313.6374	11.9927
827.31	307.2977	11.994
827.33	300.9579	11.9927
827.5	307.2977	11.9927
827.52	313.6374	11.9913
827.54	319.8575	11.99
827.55	326.1973	11.99
827.56	332.537	11.99
827.57	338.8767	11.9886
827.58	345.2165	11.9886
827.59	351.4366	11.9886
827.59	357.7763	11.9886
827.6	364.116	11.9886

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
827.62	370.4558	11.9913
827.8	364.116	11.9981
827.93	363.9964	12.0021
829.1	358.0155	12.017
829.17	351.6758	12.021
829.2	345.4557	12.0224
829.21	339.116	12.0237
829.23	332.7762	12.0237
829.24	326.4365	12.0251
829.25	320.0968	12.0251
829.27	313.8766	12.0237
829.28	307.5369	12.0264
829.29	301.1972	12.0237
829.31	294.8574	12.0237
829.33	288.6373	12.0251
829.34	282.2976	12.0224
829.37	275.9579	12.0224
829.42	269.6181	12.0237
829.46	263.398	12.0224
829.56	269.6181	12.0224
829.58	275.9579	12.021
829.6	282.2976	12.0224
829.62	288.6373	12.0224
829.63	294.9771	12.0224
829.64	301.1972	12.021
829.66	307.5369	12.0183
829.66	313.8766	12.0197
829.67	320.2164	12.021
829.68	326.4365	12.0197
829.69	332.7762	12.0183
829.7	339.116	12.0183
829.7	345.4557	12.0197
829.71	351.6758	12.017
829.71	358.0155	12.0183
829.72	364.3553	12.0197
829.74	370.5754	12.0251
829.86	364.2357	12.0305
829.93	363.8768	12.0291
831.09	357.8959	12.048
831.14	351.5562	12.0521
831.16	345.3361	12.0507
831.17	338.9963	12.0521
831.19	332.6566	12.0534
831.19	326.3169	12.0507
831.21	320.0968	12.0548
831.22	313.757	12.0548
831.23	307.4173	12.0548
831.24	301.0776	12.0548
831.25	294.8574	12.0561
831.26	288.1589	12.0561
831.27	281.8191	12.0548
831.27	275.4794	12.0548
831.28	269.2593	12.0548
831.29	262.9195	12.0548
831.3	256.5798	12.0507

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
831.32	250.2401	12.0561
831.33	244.02	12.0548
831.35	237.6802	12.0494
831.4	244.02	12.0494
831.42	250.2401	12.048
831.44	256.5798	12.0467
831.45	262.9195	12.0467
831.46	269.2593	12.048
831.47	275.599	12.0467
831.48	281.8191	12.048
831.49	288.1589	12.044
831.5	294.4986	12.0453
831.51	300.7187	12.0453
831.51	307.0584	12.044
831.52	313.3982	12.044
831.52	319.7379	12.044
831.53	326.0776	12.0426
831.54	332.2978	12.0453
831.54	338.6375	12.0426
831.55	344.9772	12.044
831.55	351.1973	12.044
831.56	357.5371	12.044
831.57	363.8768	12.048
831.58	370.0969	12.0507
831.68	363.8768	12.0548
831.93	359.3313	12.0588
833.15	353.3505	12.0777
833.17	347.0107	12.0804
833.19	340.671	12.0791
833.21	334.4509	12.0804
833.23	328.1111	12.0804
833.25	321.7714	12.0831
833.26	315.5513	12.0804
833.28	309.2116	12.0818
833.3	302.8718	12.0791
833.33	296.5321	12.0818
833.34	290.312	12.0804
833.52	296.5321	12.0804
833.56	302.8718	12.0804
833.57	309.2116	12.0804
833.59	315.5513	12.0777
833.6	321.7714	12.0777
833.6	328.1111	12.0777
833.61	334.4509	12.0764
833.62	340.7906	12.0764
833.63	347.0107	12.075
833.64	353.3505	12.0764
833.64	359.6902	12.075
833.66	365.9103	12.0791
833.81	359.5706	12.0872
833.93	356.6998	12.0885
835.11	350.5993	12.1047
835.17	344.3791	12.1061
835.19	338.0394	12.1088
835.2	331.6997	12.1074

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
835.23	325.3599	12.1088
835.24	319.1398	12.1101
835.26	312.8001	12.1101
835.27	306.4603	12.1088
835.29	300.1206	12.1128
835.3	293.9005	12.1074
835.33	287.5608	12.1115
835.34	281.221	12.1101
835.37	275.0009	12.1088
835.56	281.221	12.1088
835.58	287.5608	12.1088
835.6	293.9005	12.1074
835.61	300.2402	12.1088
835.62	306.4603	12.1074
835.63	312.8001	12.1061
835.64	319.1398	12.1061
835.65	325.3599	12.1047
835.66	331.6997	12.1047
835.66	338.0394	12.1047
835.67	344.3791	12.1034
835.68	350.5993	12.1034
835.68	356.939	12.1034
835.7	363.1591	12.1101
835.85	356.939	12.1155
835.93	352.0347	12.1155
837.12	346.0538	12.1344
837.16	339.714	12.1371
837.18	333.4939	12.1385
837.2	327.1542	12.1385
837.21	320.8145	12.1398
837.23	314.1159	12.1398
837.24	307.8958	12.1385
837.25	301.556	12.1412
837.27	295.2163	12.1398
837.28	288.9962	12.1398
837.29	282.6564	12.1412
837.3	276.3167	12.1385
837.32	270.0966	12.1425
837.33	263.7569	12.1425
837.35	257.4171	12.1385
837.37	251.197	12.1398
837.45	244.8573	12.1385
837.52	251.197	12.1371
837.55	257.4171	12.1358
837.56	263.7569	12.1371
837.58	270.0966	12.1358
837.59	276.3167	12.1358
837.6	282.6564	12.1344
837.62	288.9962	12.1358
837.62	295.3359	12.1344
837.63	301.556	12.1344
837.64	307.8958	12.1344
837.65	314.2355	12.1344
837.65	320.4556	12.1344
837.66	326.7953	12.1344

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
837.67	333.1351	12.1331
837.67	339.3552	12.1317
837.68	345.6949	12.1317
837.68	352.0347	12.1331
837.7	358.2548	12.1385
837.83	351.915	12.1452
837.93	351.1973	12.1439
839.09	345.2165	12.1628
839.15	338.8767	12.1655
839.17	332.6566	12.1669
839.19	326.3169	12.1669
839.21	319.9771	12.1696
839.22	313.6374	12.1709
839.23	307.4173	12.1696
839.24	301.0776	12.1696
839.25	294.7378	12.1696
839.26	288.5177	12.1696
839.27	282.178	12.1709
839.28	275.8382	12.1723
839.29	269.6181	12.1709
839.3	263.2784	12.1682
839.31	256.9387	12.1709
839.33	250.7185	12.1696
839.34	244.3788	12.1682
839.35	238.0391	12.1682
839.39	231.819	12.1682
839.48	238.1587	12.1669
839.5	244.3788	12.1642
839.52	250.7185	12.1655
839.54	257.0583	12.1655
839.55	263.2784	12.1642
839.56	269.6181	12.1655
839.57	275.9579	12.1628
839.58	282.178	12.1642
839.59	288.5177	12.1628
839.6	294.8574	12.1642
839.6	301.0776	12.1615
839.61	307.4173	12.1601
839.62	313.757	12.1615
839.62	320.336	12.1615
839.63	326.6757	12.1615
839.63	333.0155	12.1615
839.64	339.2356	12.1628
839.64	345.5753	12.1615
839.66	351.915	12.1655
839.69	358.1352	12.1709
839.74	351.7954	12.175
839.93	349.2835	12.175
840.19	342.9437	12.179
841.18	336.9628	12.1939
841.21	330.6231	12.1966
841.24	324.403	12.1952
841.27	318.0633	12.1952
841.34	311.7235	12.1925
841.38	318.0633	12.1925

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
841.4	324.403	12.1912
841.41	330.6231	12.1912
841.42	336.9628	12.1898
841.43	343.3026	12.1898
841.93	341.3887	12.202
843.17	335.4078	12.2222
843.25	329.0681	12.2222
843.34	335.4078	12.2209
843.36	341.6279	12.2195
843.93	341.6279	12.233
845.13	335.647	12.2519
845.17	329.3073	12.2506
845.2	322.9676	12.2533
845.23	316.7475	12.2519
845.26	310.4077	12.2546
845.28	304.068	12.256
845.32	297.8479	12.2533
845.34	291.5081	12.2533
845.4	297.8479	12.2519
845.43	304.1876	12.2519
845.45	310.4077	12.2519
845.46	316.7475	12.2506
845.47	322.9676	12.2506
845.48	329.3073	12.2492
845.49	335.647	12.2492
845.5	341.8672	12.2492
845.93	338.5179	12.2614
847.14	332.537	12.2803
847.17	326.1973	12.283
847.19	319.9771	12.2816
847.21	313.6374	12.2843
847.22	307.4173	12.2816
847.24	301.0776	12.2843
847.26	294.7378	12.2857
847.27	288.5177	12.2843
847.29	282.178	12.283
847.32	275.8382	12.287
847.33	269.6181	12.287
847.34	263.2784	12.2843
847.4	257.0583	12.283
847.55	263.2784	12.283
847.58	269.6181	12.2843
847.6	275.8382	12.2843
847.61	282.178	12.2816
847.63	288.5177	12.2816
847.64	294.7378	12.283
847.65	301.0776	12.2803
847.66	307.4173	12.2803
847.66	313.6374	12.2789
847.67	319.9771	12.2803
847.68	326.1973	12.2803
847.69	332.537	12.2789
847.69	338.8767	12.2803
847.71	345.0968	12.283
847.86	338.7571	12.2884

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
847.93	341.0298	12.2897
849.07	335.049	12.3073
849.16	328.7092	12.31
849.2	322.4891	12.31
849.22	316.1494	12.31
849.25	309.8096	12.3113
849.28	303.5895	12.314
849.33	297.2498	12.3113
849.39	303.5895	12.3086
849.41	309.8096	12.31
849.43	316.1494	12.3073
849.44	322.4891	12.3086
849.45	328.7092	12.3073
849.46	335.049	12.3073
849.49	341.2691	12.31
849.93	338.6375	12.3194
851.17	332.6566	12.3397
851.25	326.4365	12.341
851.35	332.6566	12.337
851.36	338.9963	12.3356
851.93	336.7236	12.3478
853.04	330.7427	12.3653
853.21	324.403	12.3653
853.3	330.7427	12.3653
853.35	336.9628	12.368
853.88	330.7427	12.3775
853.93	331.1016	12.3775
855.16	325.1207	12.3977
855.17	318.781	12.3977
855.17	312.5608	12.3977
855.17	306.2211	12.3977
855.2	299.8814	12.3991
855.21	293.6613	12.4004
855.23	287.3215	12.4004
855.24	281.1014	12.4004
855.25	274.7617	12.4031
855.26	268.5416	12.4018
855.27	262.2018	12.4031
855.28	255.9817	12.3991
855.3	249.642	12.4045
855.31	243.4219	12.4031
855.32	237.0821	12.4004
855.34	230.862	12.3991
855.57	237.0821	12.3977
855.58	243.4219	12.3964
855.59	249.642	12.3977
855.61	255.9817	12.3977
855.62	262.2018	12.3964
855.63	268.5416	12.3977
855.64	274.7617	12.3964
855.65	281.1014	12.3964
855.66	287.3215	12.3964
855.66	293.6613	12.395
855.67	300.001	12.3937
855.68	306.2211	12.395

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
855.68	312.5608	12.3937
855.69	318.781	12.395
855.69	325.1207	12.3937
855.7	331.3408	12.395
855.72	337.6805	12.3991
855.82	331.3408	12.4045
855.93	326.5561	12.4058
857.93	325.2403	12.4355
859.16	318.9006	12.4544
859.18	312.6805	12.4558
859.21	306.3407	12.4558
859.24	300.1206	12.4558
859.27	293.7809	12.4558
859.38	300.1206	12.4544
859.4	306.3407	12.4531
859.42	312.6805	12.4517
859.43	318.9006	12.4544
859.44	325.2403	12.4531
859.51	331.4604	12.4571
859.6	325.2403	12.4598
859.93	324.403	12.4639
861.16	318.4221	12.4855
861.19	312.202	12.4855
861.21	305.8623	12.4869
861.23	299.6421	12.4855
861.25	293.3024	12.4869
861.27	287.0823	12.4842
861.3	280.7426	12.4869
861.32	274.5224	12.4855
861.48	280.7426	12.4855
861.5	287.0823	12.4828
861.52	293.3024	12.4842
861.53	299.6421	12.4828
861.54	305.8623	12.4828
861.55	312.202	12.4815
861.56	318.4221	12.4815
861.57	324.7618	12.4815
861.6	330.982	12.4869
861.86	324.7618	12.4936
861.93	326.1973	12.4923
863.1	319.8575	12.5098
863.15	313.5178	12.5112
863.18	307.2977	12.5139
863.21	300.9579	12.5139
863.23	294.7378	12.5139
863.26	288.5177	12.5152
863.38	294.7378	12.5125
863.4	300.9579	12.5112
863.42	307.2977	12.5112
863.43	313.5178	12.5098
863.44	319.8575	12.5098
863.47	326.0776	12.5125
863.93	323.0872	12.522
865.12	316.7475	12.5409
865.21	310.5273	12.5422

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
865.3	316.7475	12.5422
865.35	323.0872	12.5409
865.93	324.1638	12.5503
866.8	317.824	12.5638
867.16	311.4843	12.5706
867.33	317.824	12.5665
867.93	319.2594	12.58
869.06	312.9197	12.5976
869.14	306.58	12.5976
869.17	300.3599	12.6003
869.19	294.0201	12.6016
869.21	287.8	12.6016
869.24	281.5799	12.603
869.26	275.2401	12.5989
869.29	269.02	12.603
869.3	262.6803	12.6016
869.43	269.02	12.6003
869.46	275.2401	12.5989
869.47	281.5799	12.6003
869.49	287.8	12.5976
869.5	294.0201	12.5976
869.51	300.3599	12.5962
869.52	306.58	12.5962
869.53	312.9197	12.5949
869.57	319.1398	12.603
869.66	312.8001	12.6043
869.93	309.5704	12.6097
871.12	303.2307	12.6286
871.16	296.8909	12.6286
871.2	290.6708	12.63
871.25	284.3311	12.63
871.3	278.111	12.6286
871.36	284.4507	12.6273
871.38	290.6708	12.6273
871.39	296.8909	12.6246
871.41	303.2307	12.6246
871.41	309.4508	12.6259
871.47	315.6709	12.6313
871.57	309.4508	12.634
871.93	311.6039	12.6367
872.6	305.3838	12.6489
873.34	311.6039	12.657
873.93	309.69	12.6678
875.13	303.3503	12.6867
875.2	297.1302	12.6853
875.33	303.3503	12.684
875.37	309.5704	12.6867
875.93	305.1446	12.6961
877.16	298.8048	12.715
877.2	292.5847	12.7177
877.24	286.3646	12.7177
877.28	280.0249	12.715
877.39	286.3646	12.7137
877.41	292.5847	12.715
877.43	298.8048	12.7123

UCS Test Results, Stage Two

S3-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
877.44	305.1446	12.7137
877.93	304.6661	12.7272
879.93	303.4699	12.7542
881.93	302.2737	12.7826
883.1	295.934	12.8015
883.14	289.7139	12.8042
883.17	283.4938	12.8042
883.2	277.154	12.8042
883.22	270.9339	12.8042
883.25	264.7138	12.8042
883.28	258.4937	12.8042
883.3	252.1539	12.8042
883.39	258.3741	12.8042
883.43	264.7138	12.8028
883.45	270.9339	12.8001
883.46	277.154	12.8015
883.48	283.4938	12.8015
883.49	289.7139	12.8015
883.5	295.934	12.8015
883.51	302.2737	12.8015
883.93	300.001	12.8123
885.15	293.6613	12.8325
885.22	287.4411	12.8325
885.32	293.6613	12.8298
885.35	299.8814	12.8285
885.93	298.446	12.8406
887.93	297.2498	12.8703
888.58	290.9101	12.8798
888.75	297.1302	12.8825
889.16	290.9101	12.8865
889.33	297.1302	12.8892
889.93	294.8574	12.8987
891.12	288.6373	12.9176
891.33	294.8574	12.9189
891.93	291.867	12.9284
893.18	285.5273	12.9459
893.32	291.7474	12.9432
893.93	292.1062	12.9567
895.09	285.8861	12.9756
895.16	279.5464	12.9756
895.22	273.3263	12.9756
895.34	279.5464	12.9743
895.35	285.7665	12.9743
895.37	292.1062	12.9743
895.93	290.9101	12.9851
897.13	284.6899	13.0026
897.29	287.9196	13.0026

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	16.24871	0.0014
0.0834	23.19373	0.0014
0.1132	30.13874	0
0.1402	37.08376	0
0.1607	44.02877	0
0.1832	50.97379	0.0014
0.47	57.9188	0.0054
0.7165	64.73278	0.0122
1.5552	71.67779	0.0257
1.9998	74.03648	0.0311
2.4786	80.98149	0.0378
2.6066	74.03648	0.0405
2.98	80.98149	0.0446
3.6963	87.9265	0.054
3.7238	80.98149	0.0567
3.9997	85.04367	0.0608
4.5789	91.98868	0.0662
5.9995	96.57501	0.0891
6.9341	103.52	0.1013
7.1843	96.57501	0.1053
7.5703	103.52	0.1107
7.9993	106.796	0.1175
9.2709	113.61	0.1337
9.9992	115.9686	0.1458
11.431	122.7826	0.1661
11.999	119.6377	0.1769
12.474	126.4517	0.1823
13.112	133.3967	0.1904
13.301	126.4517	0.1944
13.756	133.3967	0.1998
13.999	133.3967	0.2052
14.995	140.3417	0.2187
15.999	143.0935	0.2322
16.363	136.1485	0.2403
16.43	143.0935	0.2376
16.832	149.9075	0.2457
17.285	142.9625	0.2525
17.62	149.9075	0.2552
17.999	153.5765	0.2619
19.553	160.5216	0.2835
19.998	159.0801	0.2916
20.475	166.0252	0.2984
21.998	169.1701	0.3214
22.513	176.1151	0.3281
23.998	180.7014	0.3497
25.047	187.5154	0.3632
25.998	190.2672	0.3781
26.929	197.2122	0.3916
27.714	190.2672	0.4037
27.829	197.0812	0.4024
27.998	200.7502	0.4064
29.222	207.6952	0.4253
29.411	200.7502	0.428
29.683	207.6952	0.4294
29.998	208.6125	0.4375

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	4.157942	0.0068
0.2061	8.024099	0.0054
0.729	11.89026	0.0162
1.915	15.75641	0.0338
1.9998	14.954	0.0351
2.8895	18.82016	0.0473
3.9845	22.68632	0.0635
3.9997	21.66507	0.0648
4.763	25.45828	0.0743
5.7642	29.32443	0.0905
5.9995	29.32443	0.0945
6.7404	33.19059	0.1026
7.9993	36.0355	0.1229
8.7883	39.90166	0.1337
9.9992	42.9654	0.1512
11.999	43.98665	0.1809
13.142	47.77986	0.1958
13.999	49.0929	0.2093
15.701	52.95905	0.2336
15.999	53.17789	0.2376
16.92	57.04405	0.2511
17.999	59.30539	0.266
19.216	63.17154	0.2849
19.998	64.19279	0.2957
21.316	68.05895	0.3146
21.998	69.80966	0.3268
23.057	73.67582	0.3403
23.998	74.40528	0.3538
24.613	78.27144	0.3632
25.577	82.06465	0.3767
25.998	83.0859	0.3835
26.817	86.95205	0.3956
27.998	89.21339	0.4132
28.793	93.07955	0.424
29.796	96.87276	0.4388
29.998	96.36213	0.4429
30.655	100.2283	0.451
31.754	104.0215	0.4672
31.997	104.0215	0.4699
33.097	107.8147	0.4861
33.997	111.3891	0.4982
34.856	115.2552	0.5117
35.588	111.3891	0.5239
35.997	112.1185	0.5279
36.671	115.9847	0.5374
37.571	119.7779	0.5509
37.997	121.6016	0.5576
38.614	125.3948	0.5671
39.374	129.2609	0.5779
39.997	130.2092	0.5873
40.654	134.0754	0.5954
41.392	137.8686	0.6062
41.997	140.4217	0.6144
42.631	144.2879	0.6238
43.134	148.0811	0.6319

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	8.867364	-0.0027
0.2075	15.58123	-0.0027
0.3092	22.16841	-0.0041
0.4073	28.88227	-0.0027
0.6087	35.59613	0.0027
1.7067	42.31	0.0203
1.9998	40.15649	0.0243
3.9997	42.31	0.054
5.9995	38.25634	0.0837
7.9993	43.57676	0.1121
9.9992	46.74368	0.1404
11.999	49.78392	0.1701
13.999	52.44413	0.1985
15.999	55.10434	0.2295
17.999	60.55143	0.2579
19.998	63.59167	0.2862
21.998	62.70493	0.3173
23.998	66.63191	0.3457
25.998	71.06559	0.374
27.998	75.49927	0.4024
29.998	79.04622	0.4321
31.997	84.36664	0.4604
33.997	89.30703	0.4888
35.997	93.234	0.5185
37.904	99.82119	0.5468
37.997	98.93445	0.5482
39.698	105.6483	0.5725
39.997	105.6483	0.5779
41.519	112.2355	0.5995
41.997	113.1222	0.6049
43.344	119.7094	0.6252
43.996	121.9896	0.6346
45.56	128.5768	0.6576
45.996	130.3503	0.6643
47.5	136.9374	0.6886
47.996	136.0507	0.6967
48.097	142.7646	0.7008
48.11	136.0507	0.7008
48.145	129.4635	0.7008
48.175	122.7497	0.7008
48.206	116.1625	0.7021
48.228	109.4486	0.7035
48.266	102.8614	0.7035
48.287	96.14757	0.7035
48.31	89.56038	0.7021
48.362	82.84652	0.6981
48.388	76.13266	0.6967
48.43	82.84652	0.6967
48.436	89.56038	0.6967
48.452	96.14757	0.6954
48.474	102.8614	0.6954
48.495	109.4486	0.694
48.515	116.1625	0.694
48.533	122.7497	0.6954
48.557	129.4635	0.6954

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	14.70489	0.0149
0.4056	22.49848	0.0216
1.9998	26.61584	0.0446
3.2636	34.40943	0.0621
3.9997	38.08566	0.0743
5.2605	45.7322	0.0918
5.9995	49.40842	0.1013
7.7835	57.20201	0.1269
7.9993	56.17267	0.1296
9.9992	60.29003	0.1607
11.999	65.87789	0.189
13.907	73.67148	0.216
13.999	72.64214	0.216
15.999	77.20065	0.2471
17.932	84.99424	0.2754
17.999	82.49441	0.2768
19.725	90.14095	0.2997
19.998	88.67046	0.3052
21.826	96.31701	0.3308
21.998	93.22898	0.3322
23.566	101.0226	0.3551
23.998	99.40503	0.3619
25.645	107.1986	0.3862
25.998	102.9342	0.3929
27.12	110.7278	0.4078
27.998	110.1396	0.4213
29.998	114.257	0.4496
31.997	121.0212	0.478
33.997	124.5504	0.509
35.997	128.0796	0.5374
37.293	135.8731	0.5536
37.997	132.1969	0.5644
39.534	139.8435	0.5873
39.92	132.1969	0.5941
39.997	139.4023	0.5927
41.997	140.4317	0.6225
43.996	144.9902	0.6522
45.996	146.4607	0.6819
47.996	151.6074	0.7089
49.996	151.0192	0.7399
51.996	154.5484	0.7696
53.926	162.1949	0.7966
53.996	158.6657	0.798
55.668	166.3123	0.8209
55.995	164.2536	0.825
57.995	169.4003	0.856
59.995	170.8708	0.8857
61.801	178.5173	0.9101
61.995	175.8704	0.9128
63.821	183.664	0.9398
63.995	182.6347	0.9425
65.859	190.2812	0.9695
65.995	187.6343	0.9708
67.477	195.2809	0.9924
67.994	194.8397	1.0019

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
30.355	201.6675	0.4415
30.482	208.6125	0.4388
30.884	215.4265	0.4469
31.997	218.1783	0.4645
32.92	224.9923	0.4766
33.997	227.7441	0.4928
34.52	234.6891	0.4996
35.861	241.5031	0.5198
35.997	238.2271	0.5225
36.388	231.4131	0.5293
36.462	238.2271	0.5279
36.527	245.1721	0.5293
37.997	249.2343	0.5522
38.523	256.1793	0.559
39.997	259.3242	0.5806
40.561	266.1382	0.5873
41.997	269.8073	0.6089
42.96	276.6212	0.6225
43.996	279.373	0.6387
44.516	286.187	0.6441
44.747	279.242	0.6495
44.855	286.187	0.6508
45.54	293.001	0.6603
45.996	290.2492	0.6684
46.461	297.0632	0.6751
47.638	304.0082	0.6913
47.85	297.0632	0.6954
47.996	302.1736	0.6967
48.532	308.9876	0.7048
49.934	315.8016	0.7237
49.996	313.4429	0.7264
50.478	320.3879	0.7305
50.72	313.4429	0.7359
50.817	320.3879	0.7359
51.431	327.2019	0.7453
51.996	326.2846	0.7548
52.514	333.0986	0.7615
53.212	339.9126	0.7723
53.229	333.0986	0.7737
53.714	339.9126	0.7791
53.996	340.3057	0.7845
54.525	347.2507	0.7912
55.608	354.0647	0.8074
55.995	355.3751	0.8142
56.593	362.1891	0.8209
57.986	369.003	0.8412
57.995	368.6099	0.8412
58.527	375.4239	0.8493
59.367	382.2379	0.8614
59.995	385.3828	0.8709
60.234	378.5688	0.8749
60.445	385.3828	0.8749
60.999	392.1968	0.8844
61.995	394.4244	0.8992
62.442	401.3694	0.906

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
43.996	151.1448	0.6441
44.606	154.9381	0.6535
45.192	158.8042	0.6616
45.868	162.5974	0.6697
45.996	162.8163	0.6738
46.769	166.6824	0.6846
47.486	170.4756	0.694
47.996	171.7157	0.7021
48.564	175.5819	0.7102
49.044	179.3751	0.717
49.626	183.1683	0.7251
49.996	185.2108	0.7318
50.6	189.004	0.7399
51.266	192.8702	0.7494
51.996	195.861	0.7602
52.627	199.7271	0.7683
53.122	203.5203	0.7764
53.941	207.3135	0.7872
53.996	207.3135	0.7899
54.544	211.1067	0.7966
54.802	214.9729	0.8007
55.406	218.7661	0.8101
55.995	220.298	0.8196
56.623	224.0912	0.825
57.065	227.8844	0.8331
57.659	231.7506	0.8412
57.995	233.2095	0.8466
58.58	237.0756	0.8547
58.979	240.8689	0.8601
59.542	244.6621	0.8695
59.995	247.2152	0.8749
60.598	251.0084	0.8844
61.04	254.8016	0.8911
61.601	258.5948	0.8992
61.941	262.388	0.9033
61.995	261.1479	0.9046
62.582	264.9412	0.9141
62.76	268.7344	0.9154
63.383	272.5276	0.9249
63.995	274.5701	0.9344
64.479	278.3633	0.9411
64.724	282.1565	0.9452
65.483	285.9497	0.956
65.995	287.7734	0.9641
66.528	291.5666	0.9708
66.764	295.3598	0.9735
67.46	299.153	0.9843
67.901	302.9462	0.9911
67.994	302.9462	0.9924
68.598	306.7394	1.0005
69.08	310.5326	1.0073
69.764	314.3258	1.0167
69.994	315.0553	1.0208
70.3	318.9215	1.0248
70.374	315.0553	1.0275

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
48.595	136.0507	0.6994
49.071	129.4635	0.7089
49.26	136.0507	0.7075
49.444	142.7646	0.7116
49.472	136.0507	0.7156
49.518	142.7646	0.7143
49.558	149.3518	0.7183
49.604	142.7646	0.7224
49.648	136.0507	0.7237
49.686	129.3368	0.7237
49.725	122.7497	0.7237
49.746	116.0358	0.7237
49.765	109.4486	0.7237
49.781	102.7348	0.7264
49.797	96.14757	0.7237
49.812	89.4337	0.7224
49.85	82.84652	0.7197
49.919	89.4337	0.7183
49.957	96.14757	0.7183
49.979	102.8614	0.717
49.996	106.7884	0.717
50.015	113.5023	0.717
50.031	120.0895	0.7143
50.046	126.8033	0.717
50.06	133.3905	0.7183
50.079	140.1044	0.721
50.519	146.6915	0.7291
51.996	151.5053	0.7507
53.676	158.0924	0.775
53.996	159.4859	0.7791
54.999	166.0731	0.7926
55.995	167.8465	0.8088
56.556	174.4337	0.8169
57.995	177.9807	0.8385
59.197	184.5679	0.8547
59.995	187.6081	0.8668
61.072	194.322	0.8817
61.995	197.8689	0.8952
63.08	204.4561	0.9114
63.995	207.8764	0.9249
64.974	214.5902	0.9384
65.876	221.1774	0.9519
65.995	220.6707	0.9533
66.574	227.3846	0.9614
67.779	233.9717	0.9803
67.994	234.7318	0.9843
68.878	241.4457	0.9951
69.902	248.0329	1.0086
69.994	249.2996	1.0113
70.958	255.8868	1.0248
71.994	261.5873	1.0397
72.502	268.3011	1.0464
73.994	269.5679	1.068
74.347	276.1551	1.0748
75.658	282.7423	1.0923

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.994	199.8394	1.0302
71.994	205.4273	1.0586
73.654	213.0738	1.0815
73.994	213.0738	1.0856
75.969	220.7203	1.1153
75.994	219.691	1.1166
77.904	227.3375	1.1436
77.994	225.72	1.1463
79.504	233.3665	1.1666
79.993	233.3665	1.1733
81.562	241.0131	1.1963
81.993	239.9837	1.203
83.438	247.6303	1.2233
83.993	248.0714	1.2314
85.618	255.718	1.2557
85.993	255.2768	1.2611
87.176	262.9234	1.2773
87.993	263.3645	1.2908
89.234	271.0111	1.3084
89.993	270.864	1.3192
91.098	278.5105	1.3354
91.992	280.1281	1.3475
93.219	287.6276	1.3651
93.992	288.6569	1.3786
95.675	296.3035	1.4002
95.992	295.2741	1.4069
97.256	302.9207	1.4231
97.992	303.803	1.4339
99.191	311.4495	1.4515
99.992	313.9493	1.4636
101.64	321.5959	1.4879
101.99	321.0077	1.4933
102.69	313.3611	1.5041
102.77	321.0077	1.5041
103.93	328.6542	1.5217
103.99	326.5955	1.5217
104.9	334.2421	1.5352
105.99	337.183	1.5501
107.35	344.8296	1.569
107.99	346.3001	1.5784
109.41	353.7996	1.6
109.99	355.4171	1.6095
111.11	362.9166	1.6257
111.99	365.4164	1.6392
112.87	373.063	1.6486
113.99	376.5921	1.6662
114.86	384.2387	1.6797
115.99	389.6795	1.6945
117.03	397.326	1.7107
117.99	402.3257	1.7256
119.99	409.8252	1.7539
119.99	407.3254	1.7539
120.9	414.9719	1.7661
121.99	416.8835	1.7823
122.46	424.5301	1.789

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.181	408.1834	0.9168
63.995	405.8247	0.9276
64.443	412.6387	0.9357
64.541	419.4527	0.9357
64.71	412.6387	0.9411
65.146	419.4527	0.9452
65.995	423.5148	0.9573
66.517	430.3288	0.9654
67.441	437.1428	0.9789
67.994	436.7497	0.987
68.506	443.5637	0.9951
69.48	450.3776	1.0073
69.994	452.0811	1.0154
70.523	459.0261	1.0221
71.599	465.7091	1.0383
71.994	464.7918	1.0451
72.5	471.6058	1.0505
73.218	478.4198	1.0613
73.994	480.2543	1.0734
74.437	487.0683	1.0788
75.083	493.8823	1.0896
75.994	497.9444	1.1018
76.598	504.7584	1.1112
77.52	511.4413	1.1247
77.994	512.3586	1.1315
78.595	519.1726	1.1396
79.761	525.9866	1.1558
79.993	524.152	1.1612
80.52	530.966	1.1666
81.359	537.649	1.1801
81.993	541.318	1.1895
82.306	534.373	1.1949
82.346	527.559	1.1949
82.457	534.373	1.1936
82.484	541.318	1.1949
82.517	548.132	1.1976
83.695	554.8149	1.2152
83.993	555.3391	1.2179
84.534	562.1531	1.226
85.314	568.836	1.2368
85.993	571.0636	1.2463
86.573	577.8776	1.2557
87.577	584.6916	1.2706
87.993	581.9398	1.276
88.398	588.7538	1.2827
88.561	595.5678	1.2841
88.769	588.6227	1.2881
88.961	595.5678	1.2895
89.679	602.2507	1.3016
89.993	601.8576	1.3057
90.497	608.6716	1.3111
91.716	615.3545	1.3313
91.992	616.6649	1.334
92.243	609.8509	1.3381
92.423	616.6649	1.3394

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
70.583	318.8485	1.0275
70.699	322.7147	1.0302
71.416	326.5079	1.0424
71.978	330.3011	1.0491
71.994	329.4987	1.0505
72.602	333.2919	1.0586
73.001	337.0851	1.064
73.597	340.8783	1.0721
73.994	342.629	1.0788
74.579	346.4222	1.0869
74.724	350.2154	1.0896
75.378	354.0087	1.0991
75.994	356.5618	1.1072
76.13	352.6956	1.1099
76.131	348.6106	1.1099
76.131	344.8174	1.1099
76.132	340.7324	1.1099
76.132	336.4286	1.1112
76.133	332.1247	1.1099
76.133	327.748	1.1112
76.134	323.4441	1.1099
76.134	319.1403	1.1112
76.135	315.2741	1.1112
76.136	311.4809	1.1112
76.137	307.3959	1.1112
76.145	303.6027	1.1153
76.16	299.8095	1.1126
76.168	295.9434	1.1139
76.183	292.1501	1.1139
76.2	288.3569	1.1153
76.212	284.4908	1.1153
76.224	280.6976	1.1166
76.238	276.9044	1.1139
76.251	273.0382	1.1166
76.263	269.245	1.118
76.274	265.3788	1.1193
76.286	261.5856	1.1193
76.301	257.7924	1.1166
76.308	253.9263	1.1193
76.319	250.133	1.1193
76.329	246.3398	1.1193
76.344	242.5466	1.1166
76.359	238.6805	1.1153
76.426	234.8873	1.1153
76.517	238.6805	1.1139
76.556	242.5466	1.1126
76.575	246.3398	1.1126
76.586	250.133	1.1126
76.597	253.9992	1.1126
76.609	257.7924	1.1112
76.619	261.5856	1.1099
76.628	265.4518	1.1099
76.637	269.245	1.1099
76.645	273.0382	1.1099
76.651	276.9044	1.1099

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
75.994	283.1223	1.0991
76.418	289.7095	1.1045
77.859	296.2967	1.1261
77.994	296.6767	1.1274
78.823	303.3905	1.1396
79.839	309.8511	1.1531
79.993	309.8511	1.1558
80.495	316.5649	1.1639
81.734	323.0254	1.1814
81.993	323.5321	1.1868
82.46	330.1193	1.1922
83.515	336.7065	1.2084
83.993	337.9733	1.2152
84.439	344.5604	1.2206
85.43	351.1476	1.2355
85.993	353.8078	1.2422
86.854	360.2684	1.2557
87.632	366.8555	1.2679
87.993	369.1357	1.2719
88.45	375.7229	1.28
89.69	382.1834	1.2976
89.993	384.8436	1.303
90.489	391.4308	1.3084
90.579	384.8436	1.3124
90.787	391.4308	1.3138
91.647	398.018	1.3259
91.992	398.9047	1.3313
92.446	405.4919	1.3367
93.348	411.9524	1.3516
93.992	415.8794	1.3597
94.444	422.4666	1.3651
95.365	429.0538	1.3799
95.992	433.3608	1.3894
96.882	439.948	1.4015
97.764	446.5351	1.4137
97.992	447.8019	1.4177
98.511	454.3891	1.4245
98.671	447.8019	1.4285
98.745	454.3891	1.4285
99.443	460.9763	1.438
99.992	461.3563	1.4461
100.36	467.9435	1.4501
101.63	474.404	1.4704
101.99	474.024	1.4758
102.36	480.6112	1.4812
103.3	487.0717	1.4947
103.99	491.3787	1.5041
105.18	497.9659	1.5217
105.99	502.7796	1.5339
106.44	509.2401	1.5406
106.57	502.6529	1.542
106.91	509.2401	1.546
107.79	515.8273	1.5595
107.99	515.3206	1.5636
108.45	521.9077	1.569

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
122.57	416.8835	1.7917
122.9	424.5301	1.7944
123.99	427.9122	1.8106
124.9	435.5587	1.8242
125.99	438.4997	1.8404
126.92	446.1463	1.8525
127.99	447.6167	1.8701
128.81	455.1162	1.8809
129.99	459.6747	1.8998
130.83	467.1742	1.9106
131.99	470.2623	1.9268
132.89	477.7618	1.9403
133.99	479.6734	1.9578
135.18	487.3199	1.974
135.99	487.1729	1.9862
136.93	494.8194	1.9983
137.99	497.7604	2.0159
139.45	505.2599	2.0348
139.68	497.6134	2.0388
139.75	505.2599	2.0402
139.99	503.6424	2.0429
140.87	511.2889	2.055
141.99	514.671	2.0726
142.64	507.0245	2.082
142.79	514.671	2.082
143.77	522.1705	2.0996
143.99	521.5823	2.1023
145.07	529.2289	2.1171
145.99	528.6407	2.1307
146.81	536.1402	2.1428
147.75	543.6396	2.1563
147.84	535.9931	2.159
147.99	540.1105	2.1604
148.82	547.61	2.1698
149.99	550.5509	2.1887
150.88	558.1975	2.2009
151.99	559.5209	2.2171
152.85	567.1675	2.2292
153.99	568.4909	2.2468
154.86	576.1374	2.2589
155.99	581.5783	2.2751
157.65	589.0777	2.2994
157.99	589.96	2.3035
158.66	582.3135	2.3143
158.74	589.96	2.3156
159.01	597.4595	2.3197
159.08	589.96	2.321
159.69	597.4595	2.3291
159.99	594.8127	2.3332
160.85	602.4592	2.3453
161.99	606.2825	2.3642
163.06	613.929	2.3764
163.99	614.2231	2.3926
164.81	621.7226	2.4047
165.99	622.7519	2.4196

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
92.577	623.4788	1.3421
93.475	630.1618	1.357
93.992	633.8309	1.3637
94.729	640.6448	1.3732
95.67	647.3278	1.3867
95.992	644.9691	1.3921
96.153	651.7831	1.3961
96.197	644.9691	1.3948
96.259	638.1551	1.3988
96.43	644.9691	1.3961
96.45	651.7831	1.3975
97.157	658.597	1.4083
97.992	662.6592	1.4204
98.509	669.3422	1.4272
99.47	676.1561	1.442
99.992	675.632	1.4515
100.47	682.446	1.4569
100.79	689.1289	1.4623
100.88	682.3149	1.4636
100.96	689.1289	1.4636
101.93	695.9429	1.4771
101.99	695.4187	1.4785
102.63	702.2327	1.4879
103.63	708.9156	1.5028
103.99	705.7707	1.5095
104.43	712.4537	1.5149
105.07	719.2676	1.5231
105.85	725.9506	1.5352
105.99	724.116	1.5366
106.22	717.3021	1.5406
106.39	724.116	1.5433
106.51	730.93	1.5447
107.13	737.744	1.5541
107.99	740.3648	1.5663
108.22	733.5508	1.5703
108.41	740.3648	1.5703
108.57	747.0477	1.5744
109.74	753.7306	1.5919
109.99	756.0893	1.5946
110.22	749.1443	1.5987
110.43	755.9583	1.6014
110.55	762.7723	1.6027
111.53	769.4552	1.6176
111.99	768.5379	1.623
112.49	775.3519	1.6297
113.06	782.0348	1.6392
113.99	786.4901	1.654
114.19	779.6762	1.6567
114.42	786.4901	1.6581
114.53	793.3041	1.6608
115.96	799.856	1.681
115.99	801.2974	1.6824
116.23	794.4834	1.6851
116.46	801.1664	1.6878
116.82	807.9804	1.6932

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
76.658	280.6976	1.1099
76.666	284.4908	1.1099
76.672	288.3569	1.1112
76.679	292.1501	1.1112
76.689	295.9434	1.1139
76.699	299.7366	1.1153
76.721	303.6027	1.118
77.263	307.3959	1.1261
77.498	311.1891	1.1288
77.776	314.9824	1.1328
77.994	317.2437	1.1369
78.195	321.0369	1.1396
78.583	324.8301	1.145
78.719	328.6963	1.1463
78.944	332.4895	1.1504
79.281	336.2827	1.1544
79.6	340.0759	1.1598
79.907	343.8691	1.1639
79.993	344.8904	1.1666
80.275	348.6836	1.1693
80.674	352.4768	1.1747
81.023	356.27	1.1801
81.616	360.0632	1.1895
81.993	362.5434	1.1949
82.219	366.3366	1.199
82.389	362.5434	1.203
82.591	366.3366	1.2017
82.632	370.2027	1.203
82.979	373.996	1.2084
83.317	377.7892	1.2138
83.738	381.5824	1.2193
83.993	382.5307	1.2233
84.597	386.3239	1.2314
84.875	390.1171	1.2368
85.263	393.9103	1.2422
85.675	397.7035	1.2476
85.98	401.4967	1.253
85.993	400.4755	1.253
86.029	396.6823	1.253
86.034	392.3784	1.253
86.036	388.5123	1.253
86.037	384.5002	1.2544
86.04	380.6341	1.253
86.048	376.8409	1.253
86.066	373.0477	1.2544
86.107	369.2544	1.2557
86.149	365.3883	1.2557
86.737	369.1815	1.2638
87.077	372.9747	1.2679
87.434	376.7679	1.2719
87.7	380.5611	1.2773
87.958	384.3543	1.2814
87.993	383.6249	1.2827
88.256	387.4181	1.2841
88.635	391.2113	1.2895

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
109.83	528.3682	1.5879
109.99	528.3682	1.5933
111.25	534.8288	1.6095
111.99	535.2088	1.6203
112.27	541.796	1.6243
113.32	548.3832	1.6392
113.99	552.1835	1.65
114.48	558.7706	1.6554
114.55	552.1835	1.6581
115.84	558.644	1.6756
115.99	555.097	1.6797
116.34	561.6842	1.6837
117.46	568.1447	1.6999
117.99	565.4845	1.708
118.08	572.0717	1.708
119.19	578.6589	1.7242
119.88	585.1194	1.735
119.99	584.7393	1.735
121.16	591.1999	1.7526
121.91	597.6604	1.7647
121.99	595.8869	1.7647
122.41	602.4741	1.7728
123.49	608.9346	1.7877
123.99	608.0479	1.7958
124.41	614.5084	1.8025
125.56	621.0955	1.8174
125.99	622.3623	1.8228
126.41	628.8228	1.8296
127.29	635.41	1.8431
127.99	639.717	1.8525
128.48	646.1775	1.8593
128.56	639.5903	1.862
128.78	646.1775	1.8633
129.78	652.638	1.8795
129.99	653.1447	1.8809
130.96	659.6052	1.8957
131.61	666.0657	1.9052
131.99	666.9525	1.9106
132.39	673.413	1.916
132.64	666.8258	1.92
132.79	673.413	1.9214
133.63	679.8735	1.9335
133.99	681.647	1.9403
134.45	688.1075	1.9457
135.58	694.568	1.9619
135.99	696.3415	1.9686
136.42	702.802	1.9727
137.54	709.2625	1.9902
137.99	714.4562	1.9983
138.43	721.0434	2.0037
138.62	714.4562	2.0064
138.77	720.9167	2.0091
139.7	727.5039	2.0213
139.99	729.5307	2.0267
140.45	736.1179	2.0334

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
166.82	630.2514	2.4331
167.99	633.6336	2.4493
168.62	625.987	2.4601
168.76	633.6336	2.4588
168.81	641.133	2.4615
169.99	644.074	2.479
170.81	651.5735	2.4912
171.99	654.9556	2.5074
172.89	662.4551	2.5195
173.99	666.4254	2.5371
175.15	673.9249	2.5533
175.99	676.8659	2.5654
177.07	684.3654	2.5803
177.99	682.1597	2.5951
178.45	689.8062	2.6005
178.7	682.1597	2.6059
178.8	689.6592	2.6059
179.77	697.1587	2.6194
179.99	696.7175	2.6235
180.81	704.07	2.637
181.99	709.5108	2.6532
182.89	717.0103	2.6653
183.99	722.4511	2.6815
185.42	729.9506	2.7018
185.98	730.8328	2.7112
186.63	723.1863	2.7207
186.76	730.8328	2.7193
186.85	738.3323	2.722
187.98	742.3027	2.7396
188.86	749.6551	2.7518
189.98	754.6548	2.7666
190.83	762.1543	2.7801
191.24	754.5077	2.7869
191.71	762.0072	2.7923
191.93	754.3607	2.7963
191.98	757.8898	2.7963
192.03	765.5364	2.7977
192.79	772.8888	2.8085
193.59	780.3883	2.8206
193.98	779.359	2.826
194.35	786.8585	2.8314
195.09	794.358	2.8409
195.98	796.7107	2.8557
196.35	804.3573	2.8598
196.62	796.7107	2.8652
196.73	804.2102	2.8652
197.1	811.7097	2.8706
197.98	817.7387	2.8841
198.8	825.0912	2.8962
199.82	832.5907	2.9097
199.98	831.5613	2.9124
200.84	839.0608	2.9246
201.5	846.4133	2.9354
201.98	848.4719	2.9421
202.84	855.8244	2.9543

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.99	813.746	1.7107
118.31	806.9321	1.7161
118.42	813.746	1.7161
118.6	820.56	1.7202
119.58	827.243	1.7337
119.99	827.6361	1.7391
120.25	820.6911	1.7445
120.37	827.505	1.7458
120.48	834.319	1.7458
121.3	841.133	1.758
121.99	843.7537	1.7688
122.52	850.4367	1.7755
123.16	857.1196	1.785
123.99	858.43	1.7985
124.46	865.1129	1.8039
125.04	871.9269	1.812
125.9	878.6099	1.8269
125.99	876.3822	1.8269
126.42	883.0651	1.8336
127.5	889.7481	1.8485
127.99	892.893	1.8552
128.27	885.948	1.862
128.38	892.762	1.862
128.48	899.5759	1.862
129.3	906.2589	1.8741
129.99	910.321	1.8863
130.27	903.5071	1.8876
130.38	910.19	1.889
130.48	917.004	1.8917
130.97	923.6869	1.8998
131.99	926.3077	1.9133
132.48	933.1217	1.9187
133.19	939.8046	1.9308
133.97	946.4875	1.943
133.99	945.0461	1.943
134.2	938.2321	1.9457
134.26	931.4182	1.947
134.4	938.2321	1.9457
134.42	945.0461	1.9484
134.63	951.7291	1.9524
135.99	956.9706	1.9713
136.22	950.1566	1.9754
136.26	943.3426	1.9781
136.3	936.5287	1.9767
136.34	929.8457	1.9781
136.47	936.6597	1.9754
136.48	943.3426	1.9754
136.5	950.1566	1.9754
136.51	956.9706	1.9767
136.53	963.7846	1.9781
136.91	970.4675	1.9862
137	963.6535	1.9862
137.27	970.4675	1.9902
137.99	966.2743	2.001
138.11	972.9572	2.0037

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
88.919	395.0045	1.2949
89.238	398.7977	1.2989
89.574	402.518	1.3057
89.993	405.0711	1.3124
90.22	408.8643	1.3151
90.328	404.9982	1.3178
90.539	408.8643	1.3192
90.681	412.6575	1.3205
91.604	416.3778	1.334
91.992	417.6179	1.3394
92.577	421.4111	1.3475
92.782	425.2043	1.3502
93.334	428.9975	1.3583
93.775	432.7178	1.3664
93.992	433.5202	1.3691
94.494	437.3134	1.3759
94.697	441.1066	1.3786
95.157	444.8269	1.3853
95.577	448.6201	1.3907
95.958	452.4133	1.3975
95.992	452.4133	1.3988
96.562	456.2065	1.4042
96.674	459.9997	1.4069
97.207	463.72	1.415
97.688	467.5132	1.4218
97.992	469.9934	1.4272
98.252	473.7866	1.4299
98.337	469.9934	1.4326
98.381	466.2001	1.4339
98.578	469.9934	1.4326
98.6	473.7866	1.4326
98.63	477.5798	1.4353
99.131	481.373	1.4434
99.757	485.0933	1.4515
99.992	485.8957	1.4555
100.56	489.6159	1.4636
100.69	493.4091	1.4663
101.45	497.1294	1.4771
101.89	500.9226	1.4825
101.99	502.2356	1.4839
102.55	505.9559	1.492
102.83	509.7491	1.4974
103.34	513.4694	1.5028
103.75	517.2626	1.5095
103.99	518.7945	1.5136
104.55	522.5147	1.5217
104.85	526.3079	1.5271
105.33	530.1012	1.5325
105.73	533.8214	1.5379
105.99	535.0615	1.5433
106.56	538.8547	1.5501
106.72	542.6479	1.5528
107.2	546.3682	1.5595
107.77	550.1614	1.569
107.99	550.5991	1.5717

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
141.62	742.5784	2.0496
141.99	745.112	2.0564
142.4	751.6992	2.0604
143.61	758.033	2.078
143.99	759.8065	2.0847
144.38	766.267	2.0901
145.58	772.7275	2.1077
145.99	774.3743	2.1131
146.4	780.9615	2.1185
147.35	787.422	2.1334
147.99	787.802	2.1415
148.29	794.2625	2.1469
149.44	800.723	2.1631
149.99	803.6366	2.1712
150.33	810.2238	2.1766
151.19	816.6843	2.1887
151.97	823.1448	2.1995
151.99	821.3713	2.2009
152.39	827.8318	2.2063
153.23	834.2923	2.2184
153.99	837.7126	2.2279
154.43	844.1731	2.2346
155.23	850.6336	2.2481
155.99	856.7141	2.2576
156.37	863.1746	2.263
157.42	869.6351	2.2792
157.99	873.0554	2.2873
158.31	879.5159	2.2927
159.23	885.9764	2.3048
159.99	890.1567	2.317
160.31	896.7439	2.321
161.19	903.2044	2.3332
161.99	907.8914	2.3453
162.42	914.352	2.3507
163.25	920.8125	2.3629
163.34	914.2253	2.3642
163.43	920.6858	2.3656
163.97	927.273	2.3737
163.99	927.653	2.375
164.47	934.1135	2.3804
164.62	927.5263	2.3831
164.9	934.1135	2.3885
165.47	940.574	2.3953
165.99	943.4876	2.4034
166.23	949.9481	2.4074
166.31	943.4876	2.4074
166.41	949.9481	2.4088
167.24	956.4086	2.4209
167.97	962.8691	2.4318
167.99	962.8691	2.4318
168.43	969.3296	2.4372
168.62	962.7424	2.4426
168.88	969.2029	2.4453
169.65	975.6634	2.4561
169.99	975.6634	2.4615

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
203.54	863.3239	2.9637
203.98	865.2355	2.9718
204.46	872.735	2.9786
204.5	865.2355	2.9786
204.58	857.589	2.9799
204.71	865.2355	2.9799
204.79	872.735	2.984
205.55	880.2345	2.9934
205.98	880.0874	3.0002
206.48	887.5869	3.0083
206.69	879.9404	3.011
206.76	887.5869	3.011
207.37	895.0864	3.0191
207.98	898.0274	3.0285
208.83	905.3799	3.0394
209.47	912.8793	3.0502
209.98	914.791	3.0583
210.79	922.2905	3.0691
211.46	929.6429	3.0785
211.55	922.1434	3.0812
211.63	929.6429	3.0812
211.98	928.6136	3.0893
212.47	936.1131	3.0934
212.55	928.4665	3.0961
212.7	935.966	3.0974
213.25	943.4655	3.1042
213.98	947.877	3.1163
214.88	955.3765	3.1285
215.96	962.7289	3.1433
215.98	963.6112	3.146
216.59	956.1117	3.1541
216.7	963.6112	3.1555
216.86	971.1107	3.1568
217.79	978.4631	3.1703
217.98	978.4631	3.1744
218.78	985.8156	3.1865
219.56	993.3151	3.1973
219.98	993.7562	3.2027
220.79	1001.109	3.2149
221.72	1008.608	3.2284
221.98	1009.049	3.2324
222.82	1016.402	3.2432
223.74	1023.754	3.2567
223.98	1022.284	3.2594
224.99	1029.636	3.2756
225.98	1034.93	3.2891
226.85	1042.429	3.3013
227.33	1049.782	3.3094
227.98	1050.664	3.3188
228.79	1058.164	3.3296
229.57	1065.516	3.3418
229.98	1064.487	3.3486
230.33	1071.986	3.3526
230.54	1064.34	3.3567
230.75	1071.839	3.358

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
138.47	979.7712	2.0064
139.99	984.4886	2.0294
140.23	977.6746	2.0334
140.4	984.4886	2.0334
140.5	991.3025	2.0361
140.82	984.3575	2.0429
140.94	991.1715	2.0429
141.47	997.8544	2.051
141.99	1000.082	2.0577
142.24	993.2681	2.0631
142.3	986.4541	2.0645
142.41	993.2681	2.0631
142.44	1000.082	2.0645
142.51	1006.765	2.0658
143.94	1013.317	2.0874
143.99	1012.531	2.0874
144.51	1019.214	2.0955
145.51	1025.766	2.1104
145.99	1032.58	2.1171
145.99	1031.662	2.1171
146.22	1024.848	2.1212
146.41	1031.531	2.1225
147.09	1038.214	2.1334
147.99	1043.063	2.1469
148.46	1049.745	2.1523
149.49	1056.428	2.1658
149.99	1057.215	2.1739
150.22	1050.401	2.1779
150.33	1057.215	2.1793
150.48	1063.898	2.182
151.47	1070.581	2.1955
151.99	1073.201	2.2036
152.49	1079.884	2.2117
152.55	1073.07	2.2117
152.62	1079.884	2.2117
152.7	1073.07	2.213
152.76	1079.884	2.213
153.31	1086.567	2.2225
153.99	1088.664	2.2333
154.2	1081.85	2.236
154.41	1088.664	2.2387
154.7	1095.347	2.2441
155.47	1102.03	2.2549
155.99	1102.816	2.263
156.47	1109.499	2.2684
157.49	1116.182	2.2832
157.99	1117.885	2.29
158.5	1124.568	2.2967
159.33	1131.251	2.3089
159.42	1124.437	2.3116
159.52	1131.12	2.3129
159.99	1135.182	2.3183
160.28	1128.368	2.3237
160.35	1135.051	2.3251
160.49	1141.865	2.3264

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
108.49	554.3923	1.5784
108.84	558.1855	1.5838
109.32	561.9058	1.5919
109.7	565.699	1.596
109.99	566.9391	1.6014
110.6	570.6593	1.6095
110.88	574.4525	1.6135
111.46	578.1728	1.6216
111.78	581.966	1.6257
111.99	581.6742	1.6297
112.5	585.4674	1.6378
112.64	589.2606	1.6392
113.17	592.9809	1.6459
113.74	596.7012	1.654
113.99	597.9413	1.6594
114.55	601.7345	1.6662
114.75	605.5277	1.6675
115.31	609.2479	1.677
115.64	612.9682	1.6824
115.99	613.4788	1.6878
116.22	617.272	1.6918
116.66	620.9923	1.6959
117.08	624.7855	1.7026
117.64	628.5058	1.7094
117.99	629.7459	1.7148
118.22	633.5391	1.7188
118.6	637.2593	1.7256
119.06	640.9796	1.7323
119.52	644.7728	1.7391
119.96	648.4931	1.7445
119.99	647.9825	1.7458
120.54	651.7027	1.7539
120.7	655.4959	1.7553
121.32	659.2162	1.7634
121.76	663.0094	1.7701
121.99	662.7176	1.7742
122.12	666.5108	1.7769
122.63	670.2311	1.7836
123.03	674.0243	1.789
123.53	677.7446	1.7971
123.97	681.4648	1.8025
123.99	681.246	1.8039
124.53	684.9663	1.8106
124.83	688.6865	1.816
125.27	692.4797	1.8214
125.76	696.2	1.8282
125.99	696.7106	1.8323
126.57	700.4309	1.8404
126.78	704.1512	1.8431
127.33	707.9444	1.8512
127.75	711.6646	1.8566
127.99	712.6129	1.8606
128.53	716.3332	1.8687
128.71	720.1264	1.8714
129.17	723.8467	1.8795

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
170.29	982.124	2.4655
171.14	988.5845	2.4777
171.82	994.9183	2.4885
171.99	996.1851	2.4912
172.49	1002.772	2.4979
173.62	1009.106	2.5141
173.99	1010.753	2.5195
174.4	1017.213	2.5249
174.63	1010.626	2.529
174.77	1017.213	2.529
175.49	1023.674	2.5398
175.99	1024.814	2.5479
176.29	1031.274	2.5519
177.78	1038.115	2.5735
177.99	1039.762	2.5762
178.54	1046.222	2.5843
179.35	1052.556	2.5965
179.99	1057.37	2.6046
180.4	1063.704	2.6127
181.6	1070.038	2.6289
181.99	1070.924	2.6356
182.38	1077.385	2.641
183.45	1083.719	2.6559
183.99	1086.252	2.6653
184.35	1092.713	2.6694
185.3	1099.046	2.6829
185.98	1102.847	2.6923
186.28	1109.307	2.6964
187.16	1115.768	2.7099
187.94	1122.102	2.7207
187.98	1120.835	2.7207
188.38	1127.295	2.7274
189.56	1134.009	2.7437
189.98	1140.47	2.7518
189.98	1140.47	2.7518
190.86	1146.804	2.7626
191.35	1153.264	2.7707
191.98	1155.798	2.7801
192.28	1162.258	2.7842
193.33	1168.592	2.7977
193.73	1175.052	2.8058
193.83	1168.465	2.8071
193.91	1174.926	2.8085
193.98	1169.732	2.8085
194.13	1176.193	2.8098
194.42	1182.653	2.8139
194.74	1176.193	2.8193
194.79	1182.653	2.822
195.59	1188.987	2.8328
195.89	1195.447	2.8355
195.98	1188.987	2.8382
195.98	1189.367	2.8382
196.31	1195.827	2.8409
197.01	1202.161	2.853
197.81	1208.622	2.8638

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
231.27	1079.339	3.3661
231.98	1083.162	3.3756
232.84	1090.514	3.3877
233.59	1098.014	3.3999
233.76	1090.367	3.4026
233.84	1097.867	3.4039
233.98	1098.308	3.4066
234.79	1105.807	3.4174
235.65	1113.16	3.4296
235.98	1111.542	3.435
236.78	1118.895	3.4458
237.82	1126.835	3.4606
237.98	1126.688	3.4647
238.88	1134.188	3.4755
239.98	1138.893	3.4917
240.84	1146.246	3.5038
241.98	1151.099	3.5214
242.8	1158.451	3.5322
243.77	1166.245	3.547
243.98	1161.245	3.5524
244.21	1168.744	3.5524
245.32	1176.538	3.5686
245.98	1176.391	3.5794
246.46	1183.89	3.5862
246.56	1176.244	3.5889
246.77	1183.743	3.5902
247.18	1191.243	3.597
247.26	1183.596	3.5997
247.57	1191.096	3.601
247.98	1192.125	3.6078
248.45	1199.478	3.6145
248.52	1191.978	3.6172
248.78	1199.478	3.6199
249.48	1206.83	3.6294
249.56	1199.331	3.6321
249.63	1206.83	3.6321
249.98	1207.712	3.6375
250.89	1215.506	3.651
251.67	1222.858	3.6605
251.98	1222.858	3.6672
252.16	1215.212	3.6713
252.3	1222.858	3.6686
252.88	1230.211	3.678
253.98	1232.858	3.6969
254.27	1240.357	3.6996
254.52	1232.858	3.7037
254.75	1240.357	3.7077
255.98	1242.563	3.7239
256.81	1250.356	3.7347
257.98	1251.239	3.7536
258.45	1258.591	3.759
258.53	1251.092	3.7631
258.6	1243.592	3.7644
258.73	1251.092	3.7617
258.76	1258.591	3.7631

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.97	1148.81	2.348
161.99	1149.203	2.3494
162.51	1155.886	2.3561
163.41	1162.569	2.3683
163.99	1160.604	2.3777
164.41	1167.287	2.3845
165.07	1173.97	2.3926
165.99	1178.818	2.4074
166.16	1172.004	2.4101
166.36	1178.687	2.4128
166.55	1185.501	2.4142
167.59	1192.053	2.4291
167.99	1195.067	2.4358
168.22	1188.253	2.4399
168.43	1195.067	2.4412
168.71	1201.75	2.4453
169.99	1207.908	2.4642
170.51	1214.46	2.4723
171.47	1221.143	2.4858
171.99	1219.702	2.4939
172.44	1226.254	2.5006
172.88	1219.44	2.506
172.99	1212.757	2.5087
173.3	1205.943	2.5128
173.76	1212.626	2.5195
173.99	1213.019	2.5222
174.46	1219.702	2.529
175.36	1226.254	2.5425
175.99	1227.957	2.5519
176.46	1234.64	2.5587
176.87	1241.323	2.5654
177.17	1234.509	2.5695
177.26	1241.192	2.5695
177.78	1247.875	2.5776
177.99	1250.103	2.5803
178.19	1243.289	2.5843
178.42	1249.972	2.5857
178.53	1256.786	2.5884
179.99	1260.455	2.61
180.37	1253.641	2.614
180.4	1260.455	2.614
180.45	1267.138	2.6154
181.22	1273.82	2.6275
181.99	1275.393	2.6397
182.5	1282.076	2.6451
183.74	1289.021	2.664
183.99	1285.876	2.668
184.41	1292.559	2.6734
185.31	1299.111	2.6856
185.5	1292.297	2.6883
185.55	1298.98	2.6896
185.98	1301.207	2.695
186.68	1307.759	2.7072
187.98	1310.249	2.7274
188.23	1303.435	2.7288

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
129.63	727.6399	1.8849
129.99	730.3389	1.8917
130.54	734.0592	1.8984
130.82	737.8524	1.9011
131.27	741.5726	1.9092
131.71	745.2929	1.916
131.99	746.7518	1.92
132.53	750.545	1.9268
132.77	754.2653	1.9308
133.17	757.9856	1.9376
133.48	761.7788	1.9403
133.93	765.499	1.947
133.99	766.0097	1.9484
134.59	769.7299	1.9565
134.91	773.4502	1.9619
135.46	777.1705	1.97
135.85	780.8907	1.9754
135.99	782.4226	1.9781
136.6	786.1429	1.9848
136.93	789.8631	1.9902
137.39	793.5834	1.9983
137.47	789.7902	1.9997
137.53	793.5834	1.9983
137.83	797.3036	2.0037
137.99	796.793	2.0064
138.48	800.5133	2.0132
138.63	804.3065	2.0159
139.15	808.0268	2.0226
139.55	811.747	2.0294
139.95	815.4673	2.0348
139.99	814.7378	2.0348
140.53	818.4581	2.0429
140.75	822.1784	2.0456
141.2	825.8986	2.0523
141.52	829.6189	2.0577
141.99	831.0778	2.0645
142.24	834.871	2.0672
142.32	831.0778	2.0699
142.51	834.871	2.0699
142.72	838.5913	2.0739
142.97	842.3115	2.078
143.41	846.0318	2.0847
143.87	849.7521	2.0901
143.99	848.7308	2.0928
144.19	852.524	2.0969
144.28	848.7308	2.0982
144.51	852.4511	2.0996
144.59	856.2443	2.1009
144.97	859.9646	2.1077
145.53	863.6848	2.1158
145.95	867.4051	2.1212
145.99	867.6239	2.1225
146.36	863.8307	2.1293
146.44	867.6239	2.1279
146.53	871.3442	2.1307

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
197.98	1210.269	2.8665
198.39	1216.729	2.8733
199.47	1223.443	2.8868
199.98	1224.71	2.8962
200.27	1231.17	2.8989
201.19	1237.504	2.9111
201.73	1243.838	2.9205
201.98	1242.064	2.9246
202.38	1248.525	2.93
203.19	1254.859	2.9408
203.87	1261.193	2.9529
203.98	1259.926	2.9529
204.39	1266.386	2.9597
204.64	1259.799	2.9624
204.68	1266.26	2.9637
205.61	1272.974	2.9786
205.98	1273.86	2.9826
206.41	1280.321	2.988
206.64	1273.734	2.9921
206.83	1280.194	2.9961
207.55	1286.528	3.0056
207.98	1286.908	3.011
208.33	1293.368	3.0164
209.12	1299.702	3.0272
209.95	1306.036	3.0394
209.98	1305.149	3.0407
210.45	1311.61	3.0461
211.47	1318.324	3.0623
211.98	1321.617	3.0704
212.4	1328.078	3.0758
212.61	1321.491	3.0799
212.72	1327.951	3.0799
213.41	1334.412	3.0893
213.98	1334.285	3.0974
214.38	1340.619	3.1042
215.2	1346.953	3.115
215.7	1353.413	3.1231
215.98	1353.793	3.1285
217.26	1360.38	3.146
217.98	1362.407	3.1555
218.24	1368.868	3.1595
219.38	1375.582	3.1771
219.98	1377.608	3.1852
220.34	1384.069	3.1906
221.48	1390.656	3.2068
221.56	1384.196	3.2081
221.69	1390.656	3.2095
221.98	1396.61	3.2135
222.05	1390.149	3.2149
222.36	1396.61	3.2189
223.26	1403.324	3.2324
223.98	1406.997	3.2432
224.38	1413.458	3.25
224.55	1406.871	3.2527
224.65	1400.41	3.2527

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
259.04	1265.944	3.7671
259.98	1269.767	3.7833
260.8	1277.119	3.7928
261.18	1284.472	3.7995
261.41	1276.972	3.8049
261.5	1284.472	3.8036
261.98	1285.795	3.813
262.76	1293.148	3.8211
263.52	1301.088	3.8333
263.98	1300.353	3.84
264.81	1308.294	3.8522
265.56	1316.087	3.863
265.98	1316.97	3.8684
266.97	1324.763	3.8832
267.98	1328.586	3.8981
268.76	1336.38	3.9089
269.7	1344.174	3.9224
269.98	1340.644	3.9278
270.21	1347.997	3.9291
271.69	1355.643	3.9535
271.98	1352.702	3.9562
272.44	1360.055	3.9616
272.54	1352.555	3.9656
272.69	1360.055	3.9656
273.21	1367.407	3.9737
273.98	1367.26	3.9845
274.77	1374.907	3.998
275.34	1382.406	4.0034
275.98	1382.7	4.0142
276.77	1390.494	4.0264
277.73	1398.288	4.0399
277.79	1390.788	4.0412
277.9	1398.288	4.0412
277.98	1392.7	4.0439
278.03	1400.199	4.0439
278.53	1392.553	4.0534
278.74	1400.052	4.0534
278.86	1407.405	4.0561
279.98	1403.728	4.0723
280.1	1411.228	4.0723
280.55	1403.581	4.0817
280.61	1396.082	4.0817
280.71	1403.581	4.0804
280.74	1411.081	4.0804
280.8	1418.58	4.0831
281.98	1423.286	4.0993
283.24	1430.932	4.1195
283.98	1436.226	4.1303
285.98	1440.197	4.16
286.81	1447.99	4.1708
287.98	1450.196	4.1884
288.76	1457.989	4.2005
289.98	1463.283	4.2167
290.08	1455.784	4.2194
290.17	1463.136	4.2194

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
188.32	1310.118	2.7315
188.6	1316.932	2.7342
189.98	1320.208	2.7558
190.27	1313.394	2.7585
190.38	1320.077	2.7599
190.46	1326.891	2.7612
190.83	1320.077	2.7666
190.86	1326.76	2.7666
191.8	1333.705	2.7815
191.98	1331.084	2.7828
192.19	1324.27	2.7882
192.25	1317.456	2.7882
192.37	1324.27	2.7869
192.39	1330.953	2.7882
192.46	1337.636	2.7896
193.78	1344.581	2.8098
193.87	1337.898	2.8112
193.98	1343.271	2.8125
194.52	1349.823	2.8193
194.98	1343.009	2.8274
195.12	1349.691	2.8301
195.98	1353.623	2.8422
196.18	1346.809	2.8449
196.19	1340.126	2.8449
196.19	1333.312	2.8449
196.2	1326.629	2.8463
196.27	1319.815	2.8463
196.37	1326.629	2.8463
196.39	1333.312	2.8463
196.41	1340.126	2.8449
196.42	1346.809	2.8463
196.43	1353.492	2.8463
196.47	1360.306	2.8476
197.98	1359.519	2.8706
198.24	1352.705	2.8733
198.28	1359.388	2.8746
198.56	1366.071	2.8787
199.98	1370.264	2.9003
200.14	1363.45	2.903
200.39	1370.264	2.9057
201.35	1377.209	2.9192
201.41	1370.396	2.9219
201.53	1377.209	2.9219
201.98	1375.244	2.9286
202.43	1381.927	2.934
203.98	1384.679	2.957
204.15	1377.996	2.961
204.21	1371.182	2.9624
204.35	1377.996	2.9597
204.38	1384.679	2.9624
204.56	1391.362	2.9651
205.22	1384.417	2.9759
205.32	1391.231	2.9772
205.98	1390.182	2.9867
206.21	1383.368	2.9907

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.73	875.1374	2.132
147.27	878.7847	2.1401
147.63	882.505	2.1455
147.99	884.7663	2.1523
148.37	880.9002	2.1577
148.45	884.6934	2.1563
148.52	888.4866	2.159
148.71	892.2069	2.1617
149.25	895.9271	2.1685
149.66	899.6474	2.1752
149.99	899.5744	2.1806
150.17	903.3676	2.1833
150.61	907.0879	2.1887
151.35	910.7352	2.1995
151.93	914.4555	2.209
151.99	915.185	2.2103
152.52	918.9052	2.2157
152.81	922.6255	2.2211
153.43	926.2728	2.2306
153.99	926.7105	2.2373
154.19	930.5037	2.2414
154.26	926.7105	2.2441
154.59	930.4307	2.2454
154.6	934.151	2.2495
154.6	930.4307	2.2481
154.63	926.6375	2.2508
154.64	922.8443	2.2508
154.67	919.0511	2.2508
154.69	915.3308	2.2495
154.72	911.5376	2.2508
154.76	907.7444	2.2495
154.83	903.9512	2.2508
154.94	907.7444	2.2508
154.97	911.5376	2.2508
154.98	915.3308	2.2495
155	919.0511	2.2495
155.01	922.8443	2.2481
155.02	926.6375	2.2495
155.03	930.3578	2.2508
155.05	934.151	2.2535
155.99	934.224	2.267
156.51	937.9442	2.2751
156.78	941.6645	2.2778
157.14	945.3847	2.2832
157.38	949.178	2.2873
157.89	952.8253	2.2954
157.99	954.0654	2.2954
158.27	950.2722	2.3021
158.44	954.0654	2.3021
158.56	957.7856	2.3035
158.76	961.5059	2.3075
159.28	965.2262	2.3143
159.76	968.9464	2.3224
159.84	965.1532	2.3237
159.93	968.9464	2.3224

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
224.68	1406.871	3.2527
224.8	1413.331	3.254
225.66	1420.045	3.2675
225.98	1418.272	3.2729
226.36	1424.732	3.277
226.59	1418.145	3.281
226.68	1424.605	3.281
227.68	1431.319	3.2959
227.98	1428.659	3.3013
228.2	1435.12	3.304
229.26	1441.833	3.3188
229.69	1435.246	3.3256
229.73	1441.707	3.3256
229.98	1439.933	3.3283
230.43	1446.267	3.3364
231.54	1452.981	3.3526
231.98	1453.234	3.3594
232.4	1459.695	3.3634
232.63	1453.108	3.3702
232.72	1459.568	3.3688
233.68	1466.282	3.3837
233.78	1459.822	3.385
233.83	1466.282	3.3864
233.84	1459.315	3.385
233.85	1452.854	3.3864
233.9	1446.394	3.3877
233.98	1445.887	3.3877
234.03	1452.474	3.3864
234.05	1458.935	3.3864
234.07	1465.395	3.3877
234.25	1471.856	3.3904
235.89	1478.316	3.4147
235.98	1474.896	3.4161
236.15	1481.357	3.4188
236.23	1474.769	3.4215
236.31	1481.23	3.4215
237.57	1487.817	3.439
237.98	1487.31	3.4444
239.03	1494.024	3.4606
239.98	1495.924	3.4755
241.98	1496.811	3.5038
242.21	1503.272	3.5079
242.28	1496.684	3.5092
242.36	1503.145	3.5092
243.98	1504.538	3.5322
244.27	1510.999	3.5376
244.58	1504.412	3.543
244.84	1510.746	3.5457
245.89	1517.459	3.5605
245.98	1516.573	3.5619
246.53	1522.907	3.57
246.6	1516.446	3.5713
247.05	1522.78	3.5767
247.98	1523.92	3.5916
248.36	1530.254	3.597

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
290.52	1455.637	4.2248
290.61	1463.136	4.2262
291.49	1470.783	4.2397
291.98	1470.783	4.2478
292.59	1463.136	4.2559
292.63	1470.636	4.2559
293.01	1477.988	4.2613
293.98	1480.635	4.2775
295.35	1488.282	4.2964
295.98	1487.252	4.3045
296.47	1495.046	4.3113
296.51	1487.546	4.314
296.8	1495.046	4.3153
297.98	1497.252	4.3329
298.83	1504.898	4.345
299.73	1512.692	4.3585
299.98	1511.074	4.3626
300.83	1518.868	4.3747
300.92	1511.368	4.3761
300.97	1518.868	4.3761
301.98	1524.014	4.3923
303.05	1531.808	4.4071
303.24	1524.309	4.4085
303.25	1532.249	4.4098
303.25	1539.602	4.4112
303.25	1547.101	4.4112
303.28	1539.602	4.4139
303.29	1532.102	4.4139
303.31	1524.75	4.4139
303.32	1517.25	4.4152
303.33	1509.751	4.4152
303.34	1502.398	4.4166
303.35	1494.899	4.4152
303.36	1487.546	4.4152
303.37	1480.047	4.4179
303.38	1472.547	4.4166
303.39	1465.195	4.4179
303.4	1457.695	4.4193
303.41	1450.196	4.4193
303.42	1442.843	4.4193
303.43	1435.344	4.4179
303.44	1427.992	4.4179
303.45	1420.492	4.4166
303.45	1412.993	4.4206
303.46	1405.64	4.4206
303.47	1398.141	4.4193
303.48	1390.788	4.4179
303.49	1383.289	4.4179
303.49	1375.789	4.422
303.5	1368.437	4.4206
303.51	1361.084	4.4179
303.52	1353.585	4.4193
303.53	1346.085	4.4193
303.55	1338.733	4.4179
303.59	1331.233	4.4166

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
206.32	1390.051	2.9907
206.79	1396.734	2.9975
207.21	1389.92	3.0042
207.36	1396.603	3.0069
207.8	1403.155	3.0123
207.98	1400.927	3.015
208.44	1407.61	3.0218
208.63	1400.796	3.0245
208.68	1407.479	3.0258
209.8	1414.424	3.0421
209.98	1413.507	3.0448
210.33	1406.693	3.0488
210.37	1413.376	3.0502
210.5	1420.059	3.0529
211.98	1422.942	3.0745
212.14	1416.259	3.0758
212.38	1422.811	3.0799
212.8	1429.494	3.0853
212.99	1422.68	3.088
213.14	1429.494	3.0893
213.98	1429.232	3.1028
214.46	1435.915	3.1082
214.55	1429.101	3.1096
214.59	1435.783	3.1109
215.98	1432.376	3.1312
216.48	1439.059	3.1393
217.98	1443.122	3.1609
218.12	1436.439	3.1622
218.41	1443.122	3.1649
219.65	1449.936	3.1838
219.76	1443.253	3.1865
219.84	1449.936	3.1879
219.98	1447.708	3.1892
220.46	1454.26	3.196
221.98	1455.701	3.2189
222.21	1449.018	3.2216
222.37	1455.57	3.2243
222.47	1462.253	3.2257
222.74	1455.57	3.2297
222.83	1462.253	3.2297
222.98	1455.439	3.2338
223.1	1462.253	3.2338
223.32	1455.439	3.2378
223.38	1462.122	3.2392
223.98	1461.598	3.2473
224.19	1454.784	3.2513
224.34	1461.467	3.2513
225.98	1460.681	3.2756
226.17	1453.867	3.2797
226.3	1460.55	3.2797
226.37	1467.233	3.2824
226.65	1460.55	3.2864
226.81	1467.233	3.2878
227.23	1460.419	3.2932
227.29	1467.102	3.2959

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
159.99	969.6029	2.3251
160.46	973.3232	2.3318
160.66	977.0435	2.3345
161.4	980.6908	2.3467
161.92	984.411	2.3521
161.99	984.411	2.3548
162.35	980.6178	2.3602
162.45	984.411	2.3588
162.54	988.1313	2.3615
162.81	991.8516	2.3642
163.18	995.5718	2.371
163.74	999.2192	2.3791
163.99	1000.459	2.3831
164.51	1004.107	2.3912
164.76	1007.9	2.3939
165.23	1011.547	2.4007
165.8	1015.267	2.4088
165.99	1016.434	2.4128
166.5	1020.155	2.4182
166.78	1023.875	2.4236
167.2	1027.595	2.4304
167.28	1023.802	2.4304
167.34	1027.595	2.4304
167.6	1031.316	2.4358
167.99	1033.504	2.4426
168.33	1029.638	2.4466
168.44	1033.431	2.4466
168.58	1037.151	2.4493
169	1040.872	2.4561
169.53	1044.592	2.4628
169.96	1048.239	2.4696
169.99	1047.728	2.4709
170.32	1043.935	2.4763
170.43	1047.728	2.475
170.56	1051.449	2.4777
170.78	1055.169	2.4804
171.32	1058.816	2.4898
171.92	1062.464	2.4979
171.99	1060.202	2.5006
172.12	1063.996	2.5006
172.25	1060.202	2.5047
172.49	1063.923	2.5047
172.68	1067.643	2.5087
172.95	1071.363	2.5141
173.01	1067.57	2.5155
173.22	1071.29	2.5168
173.7	1075.01	2.5236
173.99	1076.688	2.529
174.55	1080.408	2.5357
174.99	1084.056	2.5425
175.12	1080.263	2.5438
175.16	1084.056	2.5438
175.56	1087.776	2.5506
175.94	1091.423	2.556
175.99	1091.934	2.5573

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
248.64	1523.667	3.601
248.69	1530.127	3.601
249.68	1536.841	3.6145
249.77	1530.38	3.6172
249.98	1534.561	3.6199
250.3	1541.021	3.624
250.63	1534.434	3.6294
250.87	1540.895	3.6321
251.56	1547.608	3.6429
251.98	1546.595	3.6483
253.75	1553.056	3.674
253.98	1549.635	3.6767
254.22	1555.969	3.6807
254.29	1549.509	3.6834
254.4	1555.969	3.6834
254.53	1549.509	3.6848
254.58	1555.969	3.6861
255.98	1559.009	3.7064
257.98	1557.236	3.7361
258.39	1563.696	3.7415
258.69	1557.109	3.7469
258.9	1563.57	3.7482
259.98	1566.737	3.7658
260.49	1573.07	3.7712
261.25	1579.658	3.7847
261.29	1573.197	3.7847
261.98	1575.224	3.7941
262.04	1581.684	3.7955
262.24	1575.224	3.7995
262.26	1568.637	3.8009
262.28	1562.303	3.8009
262.31	1555.716	3.8022
262.33	1549.382	3.8009
262.38	1542.921	3.8009
262.5	1549.382	3.7982
262.52	1555.842	3.7995
262.54	1562.303	3.7995
262.55	1568.763	3.7982
262.56	1575.224	3.7995
262.59	1581.558	3.8036
262.63	1588.018	3.8036
263.64	1581.304	3.8198
263.75	1587.765	3.8184
263.84	1581.304	3.8225
263.93	1587.765	3.8184
263.95	1594.099	3.8211
263.98	1593.212	3.8225
264	1586.752	3.8265
264.03	1580.291	3.8252
264.06	1573.831	3.8252
264.09	1567.37	3.8265
264.32	1573.831	3.8252
264.34	1580.291	3.8265
264.37	1586.752	3.8265
264.41	1593.212	3.8292

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
303.7	1338.733	4.4139
303.72	1346.232	4.4152
303.74	1353.585	4.4139
303.76	1361.084	4.4139
303.77	1368.437	4.4152
303.78	1375.936	4.4139
303.79	1383.436	4.4139
303.8	1390.788	4.4125
303.81	1398.288	4.4112
303.82	1405.787	4.4112
303.82	1413.14	4.4125
303.83	1420.639	4.4139
303.84	1428.58	4.4098
303.84	1435.932	4.4125
303.85	1443.873	4.4098
303.85	1451.372	4.4112
303.86	1458.872	4.4098
303.86	1466.224	4.4098
303.87	1473.724	4.4085
303.87	1481.076	4.4112
303.88	1488.576	4.4098
303.88	1495.928	4.4125
303.89	1503.428	4.4098
303.89	1510.78	4.4125
303.9	1518.28	4.4098
303.9	1525.632	4.4139
303.91	1533.131	4.4139
303.92	1540.484	4.4152
303.93	1547.983	4.4166
303.98	1550.777	4.4206
304.19	1543.425	4.4247
305.97	1540.484	4.4476
306.03	1547.983	4.449
306.99	1555.63	4.4652
307.97	1559.306	4.4773
308.77	1567.1	4.4895
308.91	1559.6	4.4922
309	1567.1	4.4908
309.59	1574.746	4.5016
309.78	1567.247	4.5043
309.97	1574.746	4.5057
309.97	1574.158	4.507
310.85	1581.952	4.5192
311.76	1589.598	4.534
311.97	1585.187	4.5367
312.32	1592.539	4.5394
312.62	1584.893	4.5462
312.7	1592.392	4.5462
313.79	1600.039	4.5611
313.97	1596.068	4.5638
314.17	1603.421	4.5665
314.51	1595.921	4.5732
314.61	1603.274	4.5746
315.6	1610.92	4.5894
315.64	1603.568	4.5894

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
227.35	1460.288	3.2972
227.39	1467.102	3.2972
227.48	1460.288	3.2972
227.59	1466.971	3.2986
227.98	1466.446	3.3053
228.16	1459.763	3.308
228.28	1466.446	3.308
228.56	1472.998	3.3134
228.94	1466.315	3.3188
229.16	1472.867	3.3229
229.98	1474.964	3.3337
230.11	1468.281	3.3364
230.27	1461.467	3.3391
230.37	1468.15	3.3377
230.51	1474.833	3.3418
231.98	1478.502	3.3634
232.8	1485.447	3.3756
233.21	1478.764	3.381
233.28	1485.447	3.3823
233.8	1491.999	3.3891
233.98	1488.854	3.3918
234.15	1482.04	3.3958
234.34	1488.723	3.3972
234.53	1495.406	3.3999
235.88	1502.22	3.4201
235.98	1501.696	3.4215
236.16	1495.013	3.4255
236.36	1501.696	3.4255
236.71	1508.247	3.4323
236.85	1501.565	3.435
237.26	1508.116	3.4404
237.49	1501.434	3.4431
237.98	1502.613	3.4498
238.19	1495.93	3.4539
238.26	1502.613	3.4539
239.68	1509.427	3.4741
239.82	1502.613	3.4782
239.98	1506.151	3.4809
240.08	1499.468	3.4809
240.37	1506.151	3.4836
240.44	1512.834	3.4863
240.51	1506.151	3.4863
241.08	1513.096	3.4957
241.33	1506.282	3.4998
241.91	1512.834	3.5079
241.97	1506.151	3.5079
241.98	1505.758	3.5092
242.24	1512.441	3.5119
242.3	1505.627	3.5133
242.42	1512.31	3.5146
243.62	1519.255	3.5308
243.98	1520.041	3.5376
244.13	1513.227	3.5403
244.36	1519.91	3.5443
245.24	1526.855	3.5551

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
176.05	1088.141	2.5587
176.12	1091.934	2.5573
176.56	1095.581	2.5641
176.82	1099.302	2.5681
177.36	1103.022	2.5762
177.9	1106.669	2.5843
177.99	1105.137	2.587
178.18	1108.858	2.5884
178.26	1105.064	2.5911
178.49	1109.076	2.5911
178.62	1112.797	2.5938
179.04	1116.517	2.6005
179.1	1112.724	2.6032
179.21	1116.444	2.6032
179.65	1120.164	2.61
179.99	1120.602	2.6154
180.5	1124.249	2.6235
180.66	1128.042	2.6235
181.12	1131.69	2.6302
181.73	1135.337	2.6397
181.99	1134.826	2.6424
182.46	1138.474	2.6505
183.16	1142.413	2.6599
183.72	1146.279	2.6694
183.79	1142.486	2.6707
183.86	1146.279	2.6707
183.99	1146.206	2.6721
184.2	1149.999	2.6748
184.27	1146.133	2.6788
184.32	1142.413	2.6788
184.46	1146.133	2.6788
184.56	1149.926	2.6802
184.84	1153.574	2.6842
184.94	1149.78	2.6883
185.02	1153.574	2.6869
185.61	1157.44	2.6964
185.98	1159.409	2.7004
186.54	1163.057	2.7085
186.96	1166.704	2.7166
187.59	1170.424	2.7247
187.98	1171.3	2.7328
188.5	1175.02	2.7383
188.63	1178.74	2.7396
188.69	1174.947	2.7423
188.82	1178.667	2.7437
189.27	1182.315	2.7504
189.47	1178.594	2.7531
189.56	1182.315	2.7518
189.98	1184.722	2.7599
190.56	1188.369	2.768
190.86	1192.089	2.772
190.93	1188.296	2.7747
191.12	1192.016	2.7761
191.98	1190.849	2.7896
192.84	1194.715	2.8017

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
264.6	1599.546	3.8306
264.65	1593.085	3.8346
264.67	1586.625	3.836
264.68	1580.164	3.836
264.7	1573.704	3.836
264.72	1567.243	3.836
264.74	1560.783	3.836
264.76	1554.449	3.8333
264.81	1547.988	3.836
264.84	1541.528	3.8346
264.99	1547.862	3.8373
265.01	1554.322	3.836
265.04	1560.91	3.8346
265.05	1567.37	3.8319
265.06	1573.704	3.836
265.07	1580.164	3.8346
265.07	1586.625	3.8333
265.09	1593.085	3.836
265.09	1599.546	3.836
265.13	1605.88	3.8373
265.32	1599.419	3.8427
265.35	1592.959	3.8427
265.44	1599.293	3.8454
265.49	1605.753	3.8441
265.56	1599.293	3.8481
265.6	1592.832	3.8481
265.64	1586.372	3.8495
265.66	1579.911	3.8495
265.68	1573.45	3.8481
265.8	1579.911	3.8481
265.83	1586.372	3.8468
265.86	1592.832	3.8481
265.9	1599.293	3.8495
265.97	1592.705	3.8535
265.98	1591.439	3.8549
266.11	1597.899	3.8522
266.17	1591.439	3.8549
266.26	1584.978	3.8576
266.35	1591.439	3.8576
266.55	1597.899	3.8576
266.74	1591.312	3.8657
266.91	1597.772	3.863
267.02	1591.185	3.8684
267.05	1584.725	3.8684
267.1	1578.391	3.8684
267.2	1584.851	3.867
267.22	1591.185	3.8684
267.26	1597.646	3.867
267.27	1604.106	3.8711
267.37	1597.646	3.8724
267.54	1603.98	3.8751
267.76	1597.519	3.8792
267.79	1591.059	3.8819
267.81	1584.598	3.8805
267.83	1578.138	3.8805

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
315.73	1610.92	4.5908
315.79	1603.421	4.5921
315.97	1610.92	4.5935
315.97	1611.95	4.5935
316.38	1604.303	4.5989
316.44	1611.803	4.6016
316.51	1604.303	4.6016
316.65	1611.656	4.6043
317.53	1619.449	4.6164
317.64	1611.95	4.6191
317.79	1619.302	4.6218
317.97	1617.243	4.6232
319.97	1620.773	4.6529
320.52	1613.273	4.6596
320.66	1620.626	4.6623
321.45	1628.272	4.6745
321.68	1620.92	4.6772
321.9	1628.272	4.6799
321.97	1623.714	4.6799
322.83	1631.507	4.6934
323.97	1636.066	4.7096
324.53	1628.566	4.719
324.65	1635.919	4.7204
325.29	1643.712	4.7298
325.97	1646.506	4.7393
327.28	1654.006	4.7582
327.97	1654.3	4.769
328.93	1662.093	4.7825
329.42	1654.594	4.7879
329.48	1661.946	4.7892
329.97	1661.358	4.796
330.34	1669.152	4.8027
330.52	1661.652	4.8054
330.91	1669.446	4.8108
331.97	1671.21	4.8243
332.98	1678.71	4.8405
333.97	1681.945	4.8568
334.12	1674.592	4.8568
334.18	1681.945	4.8581
334.45	1674.445	4.8635
334.5	1667.093	4.8635
334.59	1674.445	4.8635
334.63	1681.798	4.8649
335.02	1689.591	4.8703
335.08	1682.092	4.873
335.29	1689.591	4.873
335.97	1689.297	4.8851
336.87	1696.944	4.8973
337.14	1689.591	4.9013
337.31	1696.944	4.9027
337.97	1693.268	4.9135
338.83	1700.914	4.9256
339.97	1703.561	4.9418
341.74	1711.061	4.9675
341.97	1707.09	4.9702

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
245.33	1520.172	3.5578
245.98	1522.662	3.5673
246.1	1515.979	3.5686
246.4	1522.531	3.5713
246.48	1515.848	3.574
246.56	1522.531	3.574
247.98	1518.599	3.5956
248.04	1525.282	3.5956
248.12	1518.599	3.5983
248.39	1525.282	3.5997
249.98	1528.82	3.624
251.98	1529.345	3.6524
252.43	1535.897	3.6591
252.97	1529.083	3.6672
253.1	1535.765	3.6699
253.33	1528.951	3.674
253.41	1535.634	3.674
253.51	1528.951	3.6753
253.75	1535.634	3.6794
253.98	1535.11	3.6821
254.19	1528.427	3.6848
254.42	1534.979	3.6875
255.14	1528.165	3.6996
255.98	1530.655	3.7118
256.14	1523.972	3.7131
256.26	1530.524	3.7158
257.98	1531.441	3.7401
258.06	1524.758	3.7428
258.31	1531.441	3.7442
259.56	1524.889	3.7644
259.65	1531.572	3.7644
259.98	1526.986	3.7685
260.03	1533.669	3.7698
260.11	1526.986	3.7739
260.46	1533.538	3.7766
261.06	1526.724	3.7847
261.13	1533.407	3.786
261.82	1526.593	3.7941
261.85	1533.276	3.7968
261.98	1534.062	3.7995
262.28	1527.379	3.8036
262.55	1533.931	3.8063
263.82	1526.986	3.8238
263.98	1530.524	3.8265
264.12	1523.841	3.8292
264.35	1530.524	3.8319
264.55	1523.71	3.836
264.63	1530.393	3.8373
265.18	1523.579	3.8454
265.98	1525.151	3.8576
266.2	1518.468	3.8589
266.29	1525.151	3.8603
266.71	1531.703	3.867
266.79	1525.02	3.8684
267.02	1531.572	3.8724

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.48	1198.363	2.8098
193.92	1202.083	2.8166
193.98	1200.04	2.8179
194.04	1203.761	2.8193
194.09	1199.968	2.8206
194.48	1203.688	2.8247
194.71	1207.408	2.8301
195.2	1211.055	2.8355
195.98	1211.201	2.8476
196.66	1215.067	2.8557
197.33	1218.934	2.8665
197.98	1218.788	2.876
198.08	1222.581	2.876
198.63	1226.447	2.8854
199.01	1230.094	2.8908
199.66	1233.961	2.9003
199.87	1230.167	2.9043
199.91	1233.961	2.903
199.98	1234.471	2.9043
200.52	1238.118	2.9111
201.11	1241.985	2.9205
201.78	1245.851	2.93
201.98	1247.31	2.934
202.38	1243.516	2.9394
202.46	1247.237	2.9408
202.56	1250.957	2.9421
202.62	1247.164	2.9448
202.79	1250.884	2.9448
203.49	1254.75	2.9556
203.98	1256.647	2.9637
204.1	1252.927	2.9651
204.15	1256.647	2.9637
204.58	1260.294	2.9705
204.93	1264.014	2.9759
205.65	1267.881	2.9867
205.98	1268.026	2.9921
206.55	1271.674	2.9975
206.82	1267.881	3.0042
206.95	1271.601	3.0042
207.25	1275.248	3.0096
207.32	1271.528	3.0123
207.55	1275.248	3.0137
207.62	1271.455	3.0164
207.71	1275.175	3.015
207.98	1275.613	3.0204
208.38	1271.82	3.0272
208.43	1275.54	3.0272
208.57	1279.26	3.0299
208.76	1275.467	3.0326
208.83	1279.187	3.0326
209.45	1283.126	3.0407
209.98	1285.971	3.0488
210.61	1289.837	3.0583
211.53	1293.704	3.0718
211.98	1293.777	3.0799

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
267.95	1584.598	3.8778
267.97	1591.059	3.8805
267.98	1591.945	3.8792
267.99	1598.279	3.8792
268.01	1604.74	3.8805
268.14	1598.279	3.8846
268.24	1591.819	3.8859
268.37	1598.279	3.8859
268.57	1604.613	3.89
268.61	1611.073	3.8886
268.66	1604.613	3.89
268.75	1610.947	3.894
268.8	1604.486	3.894
269.91	1611.2	3.9075
269.98	1606.006	3.9089
270.24	1599.419	3.9156
270.25	1592.959	3.9156
270.27	1586.498	3.917
270.28	1580.164	3.917
270.29	1573.704	3.9183
270.3	1567.243	3.9183
270.32	1560.783	3.917
270.33	1554.322	3.9183
270.35	1547.862	3.9183
270.36	1541.401	3.9197
270.38	1535.067	3.9183
270.39	1528.607	3.9197
270.41	1522.146	3.9197
270.43	1515.686	3.9197
270.44	1509.225	3.9183
270.47	1502.765	3.921
270.49	1496.431	3.9183
270.57	1502.892	3.9156
270.6	1509.225	3.917
270.61	1515.813	3.9129
270.62	1522.146	3.9156
270.63	1528.607	3.9156
270.64	1535.067	3.9129
270.65	1541.528	3.9156
270.66	1547.862	3.917
270.67	1554.322	3.9156
270.68	1560.783	3.9156
270.68	1567.243	3.9129
270.69	1573.704	3.9143
270.7	1580.164	3.9129
270.7	1586.625	3.9143
270.71	1593.085	3.9129
270.72	1599.419	3.917
270.72	1605.88	3.9183
270.73	1612.34	3.9156
270.74	1618.674	3.9197
270.77	1625.135	3.921
270.94	1618.674	3.9251
271	1612.214	3.9264
271.06	1618.674	3.9251

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
342.77	1714.737	4.9837
343.04	1707.237	4.9877
343.15	1714.59	4.9891
343.24	1707.237	4.9891
343.95	1714.884	4.9999
343.97	1713.854	4.9999
345.97	1717.825	5.0282
346.77	1725.471	5.0404
347.97	1726.648	5.0566
348.4	1719.148	5.0647
348.54	1726.501	5.066
349.6	1734.147	5.0809
349.79	1726.648	5.0849
349.97	1729.148	5.0863
350.72	1736.794	5.0971
350.78	1729.295	5.0984
350.94	1736.647	5.0998
351.97	1740.323	5.116
352.61	1732.824	5.1241
352.67	1740.176	5.1254
353.28	1747.823	5.1349
353.66	1740.47	5.1403
353.97	1743.705	5.1457
354.94	1751.352	5.1592
354.99	1744	5.1592
355.59	1751.646	5.1687
355.85	1744.294	5.1714
355.97	1742.235	5.1727
356.01	1749.587	5.1741
357.41	1757.087	5.1957
357.46	1749.734	5.1957
357.53	1757.528	5.197
357.61	1750.176	5.1984
357.8	1757.969	5.2011
357.97	1755.91	5.2024
359.27	1763.557	5.2213
359.33	1756.058	5.2227
359.97	1762.381	5.2321
360.45	1754.881	5.2389
360.71	1762.675	5.2429
361.97	1762.675	5.2618
362.8	1770.468	5.2726
363.97	1768.116	5.2902
364.4	1775.909	5.2969
364.46	1768.41	5.2969
365.02	1776.203	5.305
365.97	1776.35	5.3185
367.59	1783.85	5.3428
367.86	1776.35	5.3455
367.97	1782.232	5.3482
369.97	1787.526	5.3779
370.77	1795.173	5.3887
371.76	1787.526	5.4036
371.85	1795.025	5.4022
371.97	1794.878	5.4049

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
267.2	1524.889	3.8738
267.29	1531.572	3.8751
267.98	1527.903	3.8859
269.98	1527.379	3.9129
270.2	1520.696	3.917
270.24	1527.379	3.917
270.4	1533.931	3.9197
271.67	1526.986	3.9386
271.77	1533.669	3.9399
271.98	1530	3.9426
273.98	1531.834	3.9724
275.98	1530.917	4.0007
277.48	1537.6	4.0223
277.85	1530.917	4.0291
277.98	1535.372	4.0304
278.06	1528.689	4.0318
278.41	1535.241	4.0358
279.45	1528.296	4.052
279.64	1534.848	4.0547
279.71	1528.296	4.0547
279.76	1534.848	4.0561
279.98	1532.621	4.0588
280.12	1525.938	4.0628
280.39	1532.49	4.0655
281.71	1525.545	4.0831
281.9	1532.227	4.0871
281.98	1529.083	4.0871
283.98	1529.083	4.1168
284.62	1522.269	4.1263
284.7	1528.951	4.1263
285.98	1533.931	4.1452
286.02	1527.248	4.1465
286.61	1534.193	4.1546
286.86	1527.51	4.16
287.01	1534.062	4.1614
287.98	1534.324	4.1762
289.56	1527.248	4.1978
289.61	1533.931	4.1992
289.98	1533.014	4.2032
290.18	1526.331	4.2073
290.35	1532.883	4.21
290.68	1526.2	4.214
290.77	1532.752	4.2154
291.68	1525.938	4.2289
291.75	1532.621	4.2289
291.98	1529.476	4.2329
293.98	1524.496	4.2613
294.18	1517.813	4.264
294.2	1524.496	4.264
294.65	1531.441	4.2721
294.76	1524.758	4.2735
295.98	1527.117	4.291
297.51	1520.172	4.3126
297.98	1522.269	4.3207
299.55	1515.717	4.3437

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
213.68	1297.497	3.1015
213.98	1296.694	3.1082
214.18	1300.342	3.1109
214.24	1296.621	3.1123
214.29	1292.901	3.1123
214.4	1296.621	3.1123
214.49	1300.342	3.115
214.82	1303.989	3.1204
214.87	1300.269	3.1217
214.96	1303.989	3.1217
215.98	1306.25	3.1366
216.63	1310.117	3.146
217.56	1313.91	3.1595
217.79	1310.117	3.1636
217.86	1313.837	3.1636
217.98	1316.098	3.1649
218.04	1312.305	3.1676
218.16	1316.025	3.169
218.25	1312.305	3.1703
218.36	1316.025	3.1703
218.61	1319.672	3.1757
218.65	1315.952	3.1757
218.84	1319.672	3.1771
219.98	1319.964	3.1933
220.11	1316.171	3.1973
220.2	1319.891	3.1973
221.98	1320.037	3.223
222.58	1323.903	3.2311
223.42	1327.697	3.2432
223.55	1323.903	3.2473
223.62	1327.697	3.2459
223.98	1329.593	3.2527
224.51	1325.216	3.2608
224.51	1321.496	3.2608
224.51	1316.755	3.2608
224.51	1312.086	3.2608
224.51	1308.074	3.2594
224.52	1304.354	3.2594
224.52	1300.633	3.2608
224.53	1296.84	3.2621
224.54	1293.12	3.2621
224.56	1289.4	3.2635
224.57	1285.607	3.2635
224.59	1281.886	3.2635
224.61	1278.166	3.2621
224.63	1274.446	3.2635
224.65	1270.653	3.2648
224.7	1266.932	3.2648
224.96	1263.212	3.2675
225.9	1267.005	3.2797
225.98	1264.452	3.2824
226.08	1268.172	3.2837
226.31	1264.452	3.2864
226.36	1268.172	3.2864
226.52	1271.82	3.2891

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
271.16	1612.087	3.9278
271.23	1618.547	3.9278
271.29	1612.087	3.9305
271.36	1605.626	3.9305
271.41	1612.087	3.9278
271.66	1605.626	3.9345
271.72	1611.96	3.9359
271.98	1613.607	3.9399
272.05	1607.146	3.9413
272.07	1600.686	3.9426
272.11	1594.352	3.9413
272.15	1587.892	3.9399
272.3	1581.431	3.944
272.38	1587.892	3.9426
272.4	1594.225	3.9426
272.42	1600.686	3.9453
272.49	1607.146	3.9453
272.54	1613.48	3.9467
272.68	1619.941	3.9481
272.71	1626.401	3.9494
272.74	1619.814	3.9521
272.81	1613.354	3.9535
272.93	1619.814	3.9521
273.08	1613.354	3.9548
273.42	1619.814	3.9589
273.49	1613.227	3.9616
273.98	1618.294	3.9683
274.13	1611.834	3.971
274.24	1605.373	3.9751
274.27	1598.912	3.9737
274.29	1592.452	3.9737
274.31	1585.991	3.9737
274.34	1579.531	3.9751
274.38	1573.197	3.9737
274.5	1579.658	3.9724
274.52	1586.118	3.9724
274.53	1592.579	3.9697
274.54	1598.912	3.9697
274.55	1605.753	3.9724
274.55	1612.214	3.9737
274.56	1618.674	3.9751
274.62	1625.008	3.9751
274.99	1618.547	3.9832
275.07	1625.008	3.9818
275.15	1618.421	3.9859
275.24	1624.881	3.9859
275.41	1618.421	3.9872
275.61	1624.755	3.9913
275.67	1618.294	3.994
275.73	1611.96	3.9913
275.79	1618.294	3.9913
275.82	1624.755	3.9926
275.98	1625.135	3.9994
276.22	1618.547	4.0034
276.24	1612.087	4.0034

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
372.62	1787.379	5.4144
372.69	1795.173	5.4157
373.67	1787.526	5.4292
373.79	1795.467	5.4319
373.97	1795.32	5.4346
375.07	1802.819	5.4508
375.26	1795.467	5.4535
375.72	1803.113	5.4603
375.97	1804.143	5.4644
376.12	1796.643	5.4657
376.4	1804.437	5.4711
376.63	1797.084	5.4725
376.66	1804.878	5.4738
377.97	1805.466	5.4927
379.97	1804.437	5.5211
380.91	1812.083	5.5359
381.09	1804.584	5.5373
381.49	1812.377	5.544
381.55	1805.025	5.5454
381.66	1812.818	5.5467
381.97	1808.848	5.5508
383.97	1811.201	5.5805
384.35	1803.701	5.5859
384.82	1811.495	5.5926
385.32	1803.995	5.5994
385.44	1811.789	5.6007
385.83	1804.29	5.6061
385.97	1809.583	5.6088
387.13	1801.937	5.625
387.19	1809.73	5.6277
387.89	1802.231	5.6372
387.96	1810.024	5.6372
387.97	1808.113	5.6372
389.97	1806.642	5.6655
391.97	1810.466	5.6966
392.91	1817.965	5.7087
393.01	1810.613	5.7101
393.28	1818.406	5.7155
393.77	1810.907	5.7222
393.97	1815.759	5.7249
394.48	1808.26	5.7317
395.39	1800.613	5.7465
395.91	1808.407	5.7533
395.97	1805.907	5.7546
397.97	1804.878	5.783
398.15	1812.671	5.7857
398.44	1805.172	5.7884
398.83	1812.965	5.7938
399.14	1805.466	5.8006
399.49	1813.26	5.8046
399.97	1812.671	5.8114
401.97	1817.965	5.8411
403.97	1819.289	5.8694
404.46	1811.789	5.8762
404.53	1819.583	5.8775

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
299.98	1519.124	4.3491
301.13	1512.31	4.3653
301.21	1518.862	4.3666
301.98	1515.586	4.3761
303.98	1515.193	4.4071
304.48	1522.138	4.4139
305.01	1515.324	4.422
305.14	1522.006	4.422
305.97	1523.579	4.4355
306.09	1516.896	4.4368
306.41	1523.448	4.4409
307.6	1516.503	4.4598
307.66	1523.186	4.4598
307.97	1518.206	4.4652
309.97	1519.517	4.4949
310.08	1512.834	4.4962
310.27	1519.517	4.4962
311.7	1512.441	4.5192
311.79	1519.124	4.5192
311.97	1514.668	4.5219
313.66	1508.116	4.5475
313.97	1511.523	4.5529
314.2	1504.84	4.5556
314.41	1511.392	4.557
314.76	1504.709	4.5637
315.03	1511.261	4.5665
315.16	1504.578	4.5692
315.97	1505.758	4.5813
317.97	1505.758	4.6097
318.26	1499.075	4.6137
318.34	1505.758	4.6137
319	1498.944	4.6259
319.97	1496.978	4.638
321.97	1494.751	4.6677
323.43	1487.806	4.6893
323.97	1491.999	4.6974
324.08	1485.447	4.6988
324.27	1491.999	4.7001
324.34	1485.316	4.7028
324.47	1491.999	4.7042
324.77	1485.316	4.7082
325.97	1485.054	4.7258
326.62	1478.24	4.7352
326.83	1484.792	4.7366
327.16	1478.109	4.7433
327.31	1484.661	4.7433
327.78	1477.978	4.7514
327.85	1484.53	4.7514
327.93	1477.978	4.7541
327.97	1477.06	4.7541
328.25	1484.005	4.7582
328.59	1477.323	4.7636
329.97	1480.598	4.7838
330.27	1473.916	4.7865
331.17	1467.102	4.8014

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
226.88	1275.54	3.2945
227.18	1279.187	3.2999
227.66	1282.835	3.304
227.82	1286.482	3.3094
227.89	1282.762	3.3107
227.98	1285.242	3.3094
228.14	1288.962	3.3134
228.56	1292.609	3.3188
228.78	1296.33	3.3215
228.99	1299.977	3.3256
229.48	1303.843	3.3337
229.76	1307.563	3.3364
229.83	1303.77	3.3377
229.89	1307.563	3.3377
229.98	1306.032	3.3391
230.18	1309.679	3.3418
230.56	1313.399	3.3472
231	1317.265	3.354
231.66	1321.131	3.3634
231.98	1323.028	3.3688
232.54	1326.894	3.3756
233.19	1330.76	3.385
233.91	1334.554	3.3972
233.98	1334.554	3.3972
234.55	1338.42	3.4053
235.08	1342.286	3.4134
235.14	1338.566	3.4147
235.23	1342.286	3.4147
235.48	1338.493	3.4201
235.57	1342.213	3.4201
235.98	1341.119	3.4269
236.02	1344.839	3.4269
236.57	1348.705	3.435
237.47	1352.498	3.4471
237.98	1348.632	3.4552
237.98	1348.632	3.4552
238.06	1352.352	3.4566
238.26	1348.632	3.4593
238.34	1352.352	3.4593
239.11	1356.146	3.4714
239.98	1356.948	3.4849
240.16	1360.595	3.4876
240.24	1356.875	3.489
240.33	1360.595	3.4903
241.15	1364.389	3.5011
241.8	1360.522	3.5119
241.88	1364.243	3.5119
241.98	1365.483	3.5133
242.69	1369.349	3.5227
243.85	1372.996	3.5416
243.88	1369.276	3.5416
243.98	1369.057	3.5416
244.25	1365.264	3.547
244.34	1368.984	3.547
245.98	1371.829	3.5727

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
276.25	1605.753	4.0048
276.27	1599.293	4.0034
276.29	1592.832	4.0034
276.31	1586.372	4.0048
276.32	1579.911	4.0048
276.33	1573.45	4.0061
276.35	1567.117	4.0048
276.37	1560.656	4.0048
276.39	1554.196	4.0061
276.41	1547.735	4.0061
276.43	1541.401	4.0048
276.45	1534.941	4.0075
276.47	1528.48	4.0048
276.56	1534.941	4.0034
276.57	1541.401	4.0034
276.58	1547.862	4.0021
276.59	1554.322	4.0007
276.6	1560.656	4.0061
276.61	1567.117	4.0021
276.62	1573.577	4.0021
276.63	1580.038	4.0007
276.64	1586.498	4.0007
276.64	1592.959	3.9994
276.65	1599.293	4.0007
276.66	1605.753	4.0007
276.66	1612.214	4.0021
276.67	1618.547	4.0021
276.68	1625.008	4.0061
276.69	1631.468	4.0048
276.71	1637.802	4.0048
276.99	1631.342	4.0115
277.35	1624.755	4.0183
277.42	1631.215	4.0183
277.75	1624.628	4.025
277.78	1631.088	4.0223
277.89	1624.628	4.025
277.98	1628.428	4.0264
278.05	1621.968	4.0277
278.09	1628.555	4.025
278.23	1621.968	4.0345
278.24	1615.507	4.0345
278.25	1609.047	4.0331
278.26	1602.586	4.0345
278.27	1596.252	4.0331
278.28	1589.792	4.0345
278.29	1583.331	4.0358
278.3	1576.871	4.0345
278.31	1570.41	4.0345
278.31	1563.95	4.0358
278.33	1557.616	4.0345
278.33	1551.155	4.0358
278.35	1544.695	4.0372
278.35	1538.234	4.0358
278.36	1531.774	4.0372
278.37	1525.44	4.0372

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
405.77	1811.936	5.8964
405.93	1819.73	5.8978
405.97	1816.348	5.8978
407.22	1823.7	5.9194
407.27	1815.906	5.918
407.97	1818.259	5.9261
409.21	1810.466	5.9464
409.97	1810.76	5.9572
410.13	1802.966	5.9585
411.97	1805.907	5.9855
413.97	1807.672	6.0152
415.97	1808.113	6.0409
416.42	1815.759	6.0503
416.49	1807.966	6.0503
416.95	1815.612	6.0584
417.03	1807.819	6.0598
417.2	1815.612	6.0598
417.26	1808.26	6.0625
417.34	1816.053	6.0625
417.95	1808.554	6.0719
417.97	1811.936	6.0719
418.42	1819.583	6.0787
419.15	1812.083	6.0909
419.97	1815.318	6.1017
420.72	1807.819	6.1125
421.97	1805.025	6.13
422.6	1812.671	6.1408
422.66	1804.731	6.1408
422.73	1812.524	6.1422
422.91	1805.172	6.1449
423.03	1812.965	6.1449
423.84	1805.466	6.157
423.96	1808.407	6.1584
424.94	1815.906	6.1732
425.26	1808.407	6.1786
425.96	1811.201	6.1881
427.96	1812.083	6.2178
428.16	1804.29	6.2205
428.24	1811.936	6.2232
428.3	1804.143	6.2232
428.52	1811.936	6.2259
428.76	1804.584	6.2286
428.83	1812.377	6.2286
429.1	1805.025	6.234
429.96	1809.583	6.2461
430.28	1802.231	6.2515
430.39	1809.877	6.2529
431.96	1806.201	6.2745
433.96	1803.554	6.3042
434.36	1796.202	6.3109
434.53	1803.995	6.3109
434.98	1796.496	6.319
435.96	1798.113	6.3339
437.96	1795.614	6.3636
439.96	1795.614	6.3906

UCS Test Results, Stage Two

S5-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
331.97	1466.053	4.8122
333.97	1465.136	4.8405
335.46	1471.819	4.8635
335.55	1465.267	4.8635
335.97	1466.446	4.8703
337.97	1467.757	4.9
339.29	1460.943	4.9189
339.37	1467.495	4.9189
339.97	1466.053	4.9283
341.97	1464.219	4.9567
342.35	1457.536	4.9634
343.97	1458.584	4.9864
345.67	1465.136	5.0107
345.92	1458.584	5.0147
345.97	1459.37	5.0147
347.21	1452.556	5.0336
347.97	1449.28	5.0431
348.97	1456.094	5.0593
349.26	1449.411	5.0633
349.97	1450.198	5.0728
351.97	1448.494	5.1011
353.16	1441.549	5.1187
353.67	1448.494	5.1268
353.97	1444.432	5.1322
355.4	1437.618	5.1511
355.97	1438.273	5.1605
357.96	1431.721	5.1889
357.97	1433.032	5.1889
359.97	1433.556	5.2173
361.97	1431.328	5.247
362.24	1424.645	5.251
362.37	1431.721	5.2537
362.85	1425.038	5.2605
362.91	1431.59	5.2605
363.97	1431.721	5.2767
364.7	1425.038	5.2861
365.97	1420.321	5.305
366.21	1427.397	5.3077
366.32	1420.714	5.3104
367.97	1416.914	5.3334
369.03	1410.1	5.3496
369.04	1403.548	5.3496
369.08	1396.996	5.3509
369.12	1389.92	5.3496
369.18	1383.368	5.3509
369.23	1376.816	5.3536
369.32	1370.264	5.3536
369.52	1363.582	5.3577
369.65	1357.03	5.359
369.97	1355.195	5.3631
370.6	1348.512	5.3725
370.93	1355.457	5.3766
371.23	1348.774	5.3806
371.97	1351.657	5.3928
372.64	1344.974	5.4022

S5-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
246.05	1368.109	3.5727
246.16	1371.829	3.574
246.25	1368.109	3.5754
246.33	1371.756	3.5767
247.4	1368.109	3.5916
247.44	1371.829	3.5929
247.61	1368.036	3.5956
247.75	1364.316	3.5983
247.98	1361.544	3.601
248.23	1357.75	3.6051
248.32	1361.471	3.6051
248.39	1357.678	3.6078
248.46	1361.398	3.6078
249.98	1363.586	3.6294
250.89	1367.379	3.6442
251.25	1363.586	3.6469
251.28	1367.306	3.6483
251.35	1363.513	3.6497
251.42	1367.234	3.6497
251.75	1363.44	3.6551
251.81	1367.161	3.6564
251.98	1366.431	3.6578
252.54	1370.224	3.6659
253.3	1374.09	3.678
253.98	1374.382	3.6875
255	1378.175	3.7037
255.07	1374.455	3.7037
255.48	1378.321	3.7091
255.98	1376.935	3.7172
257.16	1380.656	3.7334
257.25	1376.935	3.7361
257.34	1380.656	3.7361
257.42	1376.935	3.7374
257.7	1380.583	3.7415
257.98	1379.27	3.7442
258.26	1375.476	3.7496
258.33	1379.197	3.7496
258.57	1383.136	3.755
258.78	1379.343	3.7577
258.87	1383.063	3.7577
259.98	1383.355	3.7739
261.67	1387.148	3.7995
261.94	1383.355	3.8049
261.98	1383.136	3.8036
262.55	1387.002	3.8117
263.47	1383.355	3.8252
263.56	1387.002	3.8265
263.98	1386.2	3.8333
264.88	1382.333	3.8454
264.94	1385.981	3.8454
265.98	1386.054	3.8616
266.88	1389.774	3.8738
266.95	1386.054	3.8751
267.98	1386.637	3.89
268.39	1382.771	3.8967

S6-1		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
278.39	1518.98	4.0372
278.39	1512.519	4.0372
278.41	1506.185	4.0331
278.43	1499.725	4.0358
278.45	1493.264	4.0345
278.53	1499.851	4.0291
278.54	1506.185	4.0304
278.55	1512.646	4.0304
278.56	1519.106	4.0277
278.57	1525.44	4.0318
278.58	1531.901	4.0291
278.58	1538.488	4.0264
278.59	1544.822	4.0277
278.6	1551.282	4.0291
278.6	1557.743	4.0277
278.61	1564.203	4.0264
278.62	1570.664	4.025
278.62	1577.504	4.0264
278.63	1583.838	4.0264
278.63	1590.298	4.0277
278.63	1596.759	4.0264
278.64	1603.219	4.0277
278.64	1609.553	4.0277
278.65	1616.014	4.0304
278.65	1622.854	4.0277
278.66	1629.188	4.0318
278.67	1635.649	4.0318
278.68	1642.109	4.0345
278.76	1648.443	4.0372
278.79	1641.983	4.0385
278.95	1635.522	4.0399
279.18	1641.856	4.0439
279.23	1635.522	4.0439
279.72	1628.935	4.0507
279.77	1635.395	4.0507
279.87	1628.808	4.0561
279.98	1630.962	4.0547
280.23	1624.501	4.0615
280.24	1618.041	4.0628
280.26	1611.58	4.0628
280.26	1605.12	4.0628
280.28	1598.659	4.0628
280.29	1592.325	4.0628
280.3	1585.865	4.0628
280.31	1579.404	4.0628
280.32	1572.944	4.0628
280.33	1566.61	4.0628
280.34	1560.149	4.0642
280.35	1553.689	4.0655
280.36	1547.228	4.0655
280.37	1540.768	4.0655
280.38	1534.434	4.0655
280.39	1527.974	4.0655
280.4	1521.513	4.0655
280.42	1515.053	4.0655

S6-2		28 days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
441.42	1787.967	6.4122
441.5	1795.761	6.4122
441.59	1788.408	6.4163
441.96	1792.673	6.419
443.18	1785.026	6.4392
443.49	1792.673	6.4419
443.56	1784.879	6.4446
443.96	1786.791	6.4487
445.33	1778.997	6.4703
445.76	1786.791	6.4743
445.96	1784.144	6.4797
447.96	1783.703	6.5081
449.05	1776.056	6.5229
449.12	1783.85	6.5229
449.43	1776.497	6.5283
449.72	1784.144	6.531
449.81	1776.35	6.5337
449.86	1784.144	6.5337
449.93	1776.35	6.5364
449.96	1775.468	6.5351
450.28	1783.115	6.5405
450.61	1775.615	6.5459
451.17	1783.262	6.554
451.36	1775.468	6.5567
451.78	1783.115	6.5621
451.83	1775.321	6.5648
451.96	1776.203	6.5661
453.69	1768.557	6.5904
453.96	1767.527	6.5945
455.96	1767.38	6.6228
456.74	1760.028	6.6336
456.85	1767.674	6.6363
457.37	1760.322	6.6444
457.55	1767.968	6.6458
457.96	1762.969	6.6512
459.5	1755.322	6.6755
459.96	1759.587	6.6823
460.46	1752.234	6.689
460.52	1759.881	6.689
460.59	1752.087	6.6904
461.96	1749.881	6.7106
462.64	1742.382	6.7201
462.79	1750.029	6.7214
463.04	1742.676	6.7268
463.34	1750.47	6.7295
463.42	1742.676	6.7322
463.96	1744.441	6.7376
464.82	1736.941	6.7511
465.96	1732.236	6.7673
466.01	1740.029	6.7687
466.23	1732.236	6.7727
466.9	1724.736	6.7835
466.99	1717.09	6.7835
467.45	1709.59	6.7903
467.73	1701.796	6.7943

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
372.79	1352.05	5.4036
373.97	1353.098	5.4211
375.97	1352.181	5.4495
377.97	1351.395	5.4792
379.53	1344.45	5.5022
379.82	1351.395	5.5062
379.97	1348.381	5.5076
381.97	1349.167	5.5373
383.97	1346.153	5.5643
384.74	1339.471	5.5764
384.8	1346.416	5.5778
384.97	1339.864	5.5818
385.97	1340.912	5.594
386.63	1334.229	5.6048
387.97	1335.277	5.6237
388.68	1328.594	5.6345
389.97	1329.25	5.6534
390.57	1322.567	5.6615
391.97	1324.925	5.6817
392.41	1318.242	5.6885
393.97	1317.587	5.7101
394.5	1310.904	5.7182
395.63	1304.09	5.7357
395.97	1300.159	5.7398
396.51	1293.476	5.7465
397.97	1290.986	5.7695
398.73	1284.304	5.7817
399.1	1291.249	5.7844
399.31	1284.697	5.7871
399.97	1284.959	5.7979
400.46	1278.276	5.806
401.97	1279.324	5.8262
403.97	1279.324	5.8559
405.97	1278.538	5.887
407.97	1280.766	5.914
408.39	1274.214	5.9207
408.44	1281.159	5.9207
409.89	1274.345	5.9423
409.97	1272.117	5.941
410.67	1265.434	5.9531
411.12	1268.841	5.9585

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
268.79	1378.978	3.9021
268.88	1382.698	3.9035
269.27	1378.905	3.9089
269.4	1375.185	3.9116
269.55	1378.832	3.9129
269.98	1377.738	3.9197
270.69	1373.872	3.9305
270.79	1377.592	3.9305
271.27	1373.799	3.9386
271.38	1377.446	3.9399
271.98	1375.331	3.9494
273	1379.124	3.9629
273.23	1375.331	3.967
273.3	1379.051	3.967
273.54	1375.331	3.971
273.73	1378.978	3.9737
273.78	1375.258	3.9751
273.89	1378.905	3.9764
273.98	1378.686	3.9778
274.3	1374.893	3.9832
274.41	1378.613	3.9818
275.98	1380.729	4.0061
277.98	1380.072	4.0358
278.17	1383.719	4.0385
278.23	1379.999	4.0399
278.76	1383.792	4.048
278.81	1380.145	4.048
279.78	1376.498	4.0615
279.84	1380.145	4.0628
279.98	1381.093	4.0655
280.5	1377.3	4.0723
280.59	1381.02	4.0736
280.78	1377.227	4.0763
280.87	1380.947	4.0763
281.26	1377.154	4.0844
281.43	1380.802	4.0858
281.52	1377.081	4.0871
281.6	1380.802	4.0885
281.66	1377.081	4.0885
281.98	1377.957	4.0939
282.69	1374.163	4.1047
283.27	1377.957	4.1128
283.32	1374.236	4.1128
283.98	1376.571	4.1222
284.2	1372.85	4.1263
284.37	1376.498	4.1263
284.43	1380.437	4.1303
284.44	1376.717	4.1317
284.46	1372.996	4.1317
284.47	1369.349	4.1303
284.5	1365.556	4.133
284.51	1361.908	4.1317
284.53	1358.188	4.133
284.54	1354.468	4.133
284.56	1350.748	4.133

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
280.43	1508.592	4.0669
280.45	1502.258	4.0655
280.47	1495.924	4.0601
280.54	1502.258	4.0615
280.55	1508.719	4.0588
280.56	1515.179	4.0588
280.57	1521.64	4.0588
280.58	1527.974	4.0601
280.58	1534.434	4.0574
280.59	1540.895	4.0574
280.6	1547.355	4.0574
280.61	1553.816	4.0588
280.61	1560.276	4.0574
280.62	1566.61	4.0601
280.62	1573.07	4.0561
280.63	1579.531	4.0574
280.64	1585.991	4.0574
280.64	1592.325	4.0588
280.65	1598.786	4.0588
280.65	1605.246	4.0547
280.66	1611.707	4.0574
280.66	1618.041	4.0574
280.67	1624.501	4.0601
280.67	1630.835	4.0615
280.68	1637.296	4.0628
280.69	1643.756	4.0642
280.73	1650.09	4.0655
280.79	1643.629	4.0669
281.36	1637.042	4.0763
281.83	1630.582	4.0804
281.88	1636.915	4.0817
281.98	1638.689	4.0844
282.04	1632.228	4.0844
282.11	1638.562	4.0871
282.22	1632.102	4.0912
282.24	1625.641	4.0898
282.25	1619.181	4.0912
282.26	1612.847	4.0912
282.28	1606.386	4.0925
282.29	1599.926	4.0925
282.3	1593.465	4.0925
282.31	1587.005	4.0939
282.32	1580.671	4.0925
282.34	1574.211	4.0925
282.35	1567.75	4.0939
282.36	1561.29	4.0939
282.37	1554.956	4.0939
282.37	1548.495	4.0925
282.38	1541.655	4.0925
282.38	1535.194	4.0912
282.38	1528.354	4.0925
282.39	1521.893	4.0925
282.4	1515.433	4.0939
282.42	1509.099	4.0925
282.44	1502.638	4.0939

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
467.95	1709.59	6.797
467.96	1709.59	6.797
468.38	1702.091	6.8038
468.5	1709.884	6.8038
468.72	1702.091	6.8092
469.96	1702.679	6.8267
470.19	1694.885	6.8281
470.24	1702.679	6.8294
470.72	1695.179	6.8375
471.09	1702.973	6.8416
471.27	1695.032	6.8456
471.8	1702.679	6.8524
471.87	1694.885	6.8537
471.96	1696.356	6.8551
473.04	1688.856	6.8699
473.1	1696.503	6.8713
473.25	1688.856	6.8726
473.32	1696.503	6.874
473.89	1689.15	6.8834
473.96	1691.503	6.8821
474.19	1699.15	6.8875
474.27	1691.356	6.8888
474.6	1699.003	6.8929
474.87	1691.209	6.8969
475.82	1698.708	6.9118
475.89	1691.062	6.9118
475.96	1692.974	6.9118
476.54	1700.473	6.9199
476.7	1692.679	6.9239
476.79	1685.033	6.9239
476.84	1692.679	6.9253
477.96	1694.297	6.9428
478.43	1686.945	6.9496
479.37	1679.445	6.9617
479.4	1687.239	6.9631
479.61	1679.445	6.9671
479.96	1684.151	6.9712
480.43	1676.798	6.9779
481.96	1675.475	6.9996
482.75	1667.975	7.0117
483.96	1669.593	7.0293
484.87	1662.093	7.0428
485.12	1669.74	7.0468
485.79	1662.387	7.0563
485.96	1663.711	7.0576
486.92	1656.211	7.0725
486.92	1648.565	7.0711
486.92	1640.918	7.0725
486.93	1648.565	7.0725
487.07	1656.358	7.0711
487.96	1655.035	7.086
488.49	1662.681	7.0941
488.92	1655.182	7.1022
489.89	1662.681	7.1157
489.96	1658.417	7.1157

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
284.58	1347.027	4.1344
284.59	1343.307	4.1357
284.6	1339.66	4.1344
284.61	1335.94	4.1344
284.63	1332.219	4.1357
284.64	1328.499	4.1371
284.65	1324.852	4.1344
284.66	1321.131	4.1344
284.68	1317.411	4.1371
284.69	1313.691	4.1371
284.7	1310.044	4.1357
284.71	1306.323	4.1371
284.72	1302.676	4.1344
284.74	1298.956	4.1371
284.75	1295.235	4.1384
284.76	1291.515	4.1384
284.77	1287.795	4.1384
284.78	1284.075	4.1398
284.79	1280.427	4.1384
284.8	1276.707	4.1384
284.81	1272.987	4.1384
284.82	1269.34	4.1384
284.83	1265.619	4.1371
284.85	1261.899	4.1398
284.86	1258.179	4.1384
284.88	1254.531	4.1371
284.89	1250.811	4.1384
284.91	1247.091	4.1371
284.93	1243.444	4.1371
284.99	1239.723	4.1371
285.06	1243.444	4.1371
285.08	1247.164	4.1357
285.1	1250.811	4.1357
285.11	1254.531	4.1357
285.12	1258.252	4.1357
285.13	1261.972	4.1344
285.14	1265.619	4.1357
285.15	1269.34	4.1357
285.15	1273.06	4.133
285.16	1276.78	4.1344
285.17	1280.427	4.1344
285.17	1284.148	4.133
285.18	1287.868	4.133
285.19	1291.588	4.1317
285.19	1295.235	4.1344
285.19	1298.956	4.133
285.2	1302.676	4.1317
285.2	1306.396	4.133
285.21	1310.117	4.1317
285.21	1313.764	4.133
285.21	1317.776	4.1317
285.22	1321.496	4.1303
285.22	1325.362	4.1344
285.23	1329.083	4.1303
285.23	1332.803	4.1317

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
282.46	1496.304	4.0912
282.53	1502.638	4.0898
282.54	1509.099	4.0885
282.55	1515.559	4.0871
282.56	1522.02	4.0858
282.57	1528.48	4.0871
282.57	1534.941	4.0871
282.58	1541.275	4.0858
282.59	1547.735	4.0858
282.59	1554.196	4.0858
282.6	1560.656	4.0831
282.6	1567.117	4.0844
282.61	1573.45	4.0844
282.61	1579.911	4.0844
282.62	1586.372	4.0858
282.62	1592.705	4.0858
282.63	1599.166	4.0858
282.63	1605.626	4.0844
282.64	1611.96	4.0885
282.64	1618.421	4.0871
282.65	1624.881	4.0885
282.65	1631.342	4.0871
282.66	1637.676	4.0885
282.67	1644.009	4.0939
282.68	1650.47	4.0925
282.88	1644.009	4.0966
283.33	1637.422	4.1033
283.41	1643.883	4.1047
283.98	1641.096	4.1128
284.21	1634.635	4.1209
284.22	1628.175	4.1209
284.23	1621.714	4.1209
284.23	1615.254	4.1209
284.24	1608.92	4.1209
284.25	1602.459	4.1209
284.26	1595.999	4.1222
284.27	1589.538	4.1222
284.28	1583.205	4.1222
284.29	1576.744	4.1222
284.3	1570.284	4.1236
284.31	1563.823	4.1222
284.32	1557.489	4.1222
284.33	1551.029	4.1222
284.34	1544.568	4.1249
284.35	1538.108	4.1236
284.35	1531.774	4.1236
284.37	1525.313	4.1236
284.37	1518.853	4.1222
284.39	1512.519	4.1222
284.41	1506.059	4.1222
284.43	1499.598	4.1209
284.5	1506.059	4.1195
284.52	1512.519	4.1182
284.52	1518.98	4.1168
284.54	1525.44	4.1168

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
490.94	1650.918	7.1305
491.96	1653.564	7.144
493.1	1646.065	7.1616
493.96	1643.859	7.1737
494.66	1636.507	7.1859
494.69	1628.713	7.1859
494.74	1621.067	7.1859
494.86	1628.713	7.1845
494.89	1636.507	7.1859
494.95	1644.153	7.1872
495.37	1636.801	7.1953
495.96	1637.095	7.2034
496.2	1629.301	7.2061
496.27	1636.948	7.2075
497.58	1629.448	7.2277
497.96	1632.242	7.2331
498.69	1624.89	7.2412
499.7	1617.39	7.2561
499.75	1625.037	7.2574
499.96	1623.125	7.2601
501.62	1615.479	7.2844
501.96	1615.332	7.2899
502.11	1607.685	7.2926
502.19	1615.332	7.2926
502.68	1607.979	7.3007
502.76	1600.333	7.3007
502.82	1607.979	7.3007
503.6	1600.48	7.3128
503.67	1608.273	7.3142
503.88	1600.48	7.3182
503.96	1605.774	7.3196
504.72	1598.274	7.329
504.77	1606.068	7.3304
505.89	1598.568	7.3466
505.96	1600.921	7.3479
506.96	1593.421	7.3614
507.3	1585.628	7.3682
507.96	1583.569	7.3776
508.44	1575.776	7.383
508.49	1583.422	7.383
508.84	1575.629	7.3884
509.79	1583.128	7.4033
509.96	1579.305	7.406
510.43	1586.804	7.4127
510.84	1579.011	7.4195
511.96	1583.128	7.4357
512.72	1575.629	7.4451
512.85	1583.275	7.4478
512.88	1575.629	7.4478
513.14	1583.275	7.4519
513.23	1575.629	7.4519
513.42	1583.128	7.4573
513.48	1575.482	7.4573
513.55	1583.128	7.4586
513.96	1581.069	7.464

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
285.23	1336.45	4.133
285.24	1340.243	4.129
285.24	1343.891	4.1303
285.25	1347.611	4.1303
285.25	1351.55	4.1303
285.25	1355.197	4.133
285.26	1358.991	4.1303
285.26	1362.638	4.1303
285.26	1366.285	4.133
285.27	1370.005	4.1317
285.27	1373.726	4.133
285.27	1377.373	4.1344
285.28	1381.093	4.1344
285.28	1384.959	4.1384
285.29	1388.68	4.1384
285.3	1392.4	4.1398
285.45	1388.607	4.1425
285.68	1384.887	4.1465
285.98	1383.792	4.1519
286.03	1380.072	4.1533
286.34	1376.352	4.1573
286.44	1379.999	4.1573
286.67	1376.279	4.1614
287.24	1372.486	4.1695
287.34	1376.133	4.1708
287.57	1372.413	4.1749
287.61	1376.06	4.1735
287.98	1373.507	4.1803
288.62	1369.714	4.1897
288.69	1373.434	4.1897
289.26	1369.568	4.1992
289.6	1365.848	4.2032
289.69	1369.495	4.2032
289.98	1368.911	4.2086
290.6	1365.118	4.2181
290.85	1368.984	4.2221
290.9	1365.264	4.2235
291.25	1369.13	4.2275
291.7	1365.337	4.2343
291.76	1361.69	4.2356
291.84	1365.337	4.2343
291.98	1367.306	4.2383
293.98	1367.088	4.2667
294.96	1363.44	4.2816
295.17	1367.088	4.2843
295.32	1363.367	4.287
295.98	1365.191	4.2964
296.1	1361.471	4.2978
296.14	1365.191	4.2991
296.2	1361.471	4.3005
296.29	1365.118	4.3018
296.36	1361.471	4.3018
297.98	1358.918	4.3248
298.02	1362.565	4.3261
298.35	1358.845	4.3288

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
284.54	1531.901	4.1141
284.55	1538.234	4.1168
284.56	1544.695	4.1168
284.57	1551.155	4.1128
284.57	1557.616	4.1141
284.58	1563.95	4.1141
284.58	1570.41	4.1141
284.59	1576.871	4.1128
284.59	1583.331	4.1128
284.6	1589.665	4.1141
284.6	1596.126	4.1141
284.61	1603.093	4.1114
284.61	1609.427	4.1141
284.62	1615.887	4.1155
284.62	1622.221	4.1155
284.63	1628.682	4.1141
284.63	1635.142	4.1155
284.64	1641.856	4.1182
284.64	1648.316	4.1195
284.65	1654.777	4.1195
285.25	1648.063	4.1317
285.59	1641.603	4.1357
285.64	1648.063	4.1371
285.95	1641.476	4.1411
285.98	1643.249	4.1411
286.04	1649.583	4.1425
286.14	1643.249	4.1438
286.22	1636.662	4.1479
286.24	1630.328	4.1479
286.26	1623.868	4.1492
286.27	1617.407	4.1492
286.29	1610.947	4.1492
286.31	1604.613	4.1492
286.33	1598.152	4.1492
286.35	1591.692	4.1492
286.37	1585.231	4.1492
286.39	1578.898	4.1506
286.43	1572.437	4.1506
286.52	1578.898	4.1465
286.53	1585.358	4.1452
286.54	1591.692	4.1465
286.54	1598.152	4.1452
286.55	1604.613	4.1438
286.56	1611.073	4.1465
286.57	1617.407	4.1452
286.58	1623.868	4.1438
286.58	1630.328	4.1465
286.59	1636.662	4.1465
286.59	1643.123	4.1452
286.6	1649.583	4.1479
286.61	1655.917	4.1492
286.63	1662.377	4.1506
287	1655.79	4.1573
287.38	1649.33	4.1614
287.48	1655.664	4.1654

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
514.62	1573.717	7.4735
514.68	1566.07	7.4748
514.83	1573.717	7.4748
515.65	1566.364	7.4897
515.96	1566.659	7.4924
516.54	1574.305	7.4991
516.62	1566.512	7.5032
517.76	1559.159	7.518
517.96	1564.747	7.5207
518.39	1556.953	7.5288
518.47	1564.747	7.5288
518.7	1556.953	7.5329
518.93	1564.6	7.5342
519.31	1556.806	7.541
519.96	1559.453	7.5504
520.78	1552.101	7.5626
520.93	1559.747	7.5653
521.37	1551.954	7.5707
521.82	1559.6	7.5774
521.89	1551.807	7.5788
521.96	1550.336	7.5788
522.1	1557.983	7.5815
522.34	1550.336	7.5842
522.47	1557.983	7.5855
522.69	1550.189	7.5896
523.35	1557.689	7.6004
523.66	1550.042	7.6045
523.96	1551.366	7.6072
524.85	1543.866	7.622
524.94	1551.66	7.622
525.96	1549.013	7.6369
526.71	1541.66	7.6477
526.82	1549.16	7.6504
527.45	1541.366	7.6585
527.5	1549.013	7.6585
527.96	1549.454	7.6679
528.17	1541.66	7.6706
528.43	1549.307	7.672
528.69	1541.513	7.6774
529.96	1536.955	7.6949
530.5	1544.454	7.703
530.54	1536.808	7.7044
530.75	1529.161	7.7057
530.81	1536.808	7.7084
531.52	1529.308	7.7192
531.96	1532.249	7.7233
532.05	1524.456	7.726
532.12	1532.102	7.7273
532.78	1524.309	7.7368
533.96	1520.632	7.753
534.7	1513.28	7.7651
535.96	1514.015	7.7813
536.05	1506.369	7.7827
536.18	1514.015	7.784
536.42	1506.222	7.7881

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
298.42	1362.492	4.3315
298.5	1358.772	4.3342
299.33	1354.906	4.345
299.76	1351.185	4.3504
299.98	1352.79	4.3545
300.05	1349.143	4.3545
300.3	1353.009	4.3585
300.69	1349.216	4.3653
301.98	1349.435	4.3828
302.05	1345.787	4.3842
302.16	1349.435	4.3869
302.69	1345.641	4.3936
302.82	1349.289	4.3963
303.02	1345.568	4.399
303.22	1349.216	4.4017
303.27	1345.495	4.4031
303.36	1349.143	4.4031
303.53	1345.423	4.4071
303.98	1346.079	4.4125
304.31	1342.359	4.4166
304.52	1346.225	4.4206
304.58	1342.505	4.4206
305.28	1338.711	4.4301
305.58	1342.578	4.4355
305.63	1338.857	4.4368
305.69	1335.137	4.4368
305.77	1338.857	4.4382
305.97	1335.867	4.4409
306.53	1332.073	4.449
306.65	1328.353	4.4517
306.76	1332	4.4517
307.23	1328.207	4.4584
307.81	1332	4.4679
307.87	1328.353	4.4692
307.92	1324.633	4.4692
307.97	1323.393	4.4692
308.03	1327.113	4.4692
308.38	1330.906	4.4773
308.44	1327.259	4.4773
309.39	1323.393	4.4895
309.47	1327.04	4.4922
309.68	1323.32	4.4949
309.76	1326.967	4.4962
309.97	1324.487	4.4989
311.05	1320.84	4.5151
311.12	1324.487	4.5151
311.82	1320.694	4.5259
311.89	1324.341	4.5273
311.95	1320.621	4.5286
311.97	1320.402	4.5273
312.29	1324.268	4.5327
312.35	1320.548	4.534
312.6	1316.828	4.5367
312.67	1320.475	4.5381
313.04	1316.755	4.5448

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
287.52	1649.33	4.1641
287.98	1644.389	4.1708
288.08	1650.85	4.1722
288.21	1644.389	4.1776
288.23	1637.929	4.1776
288.24	1631.468	4.1789
288.25	1625.008	4.1789
288.25	1618.674	4.1776
288.26	1612.214	4.1803
288.27	1605.753	4.1803
288.28	1599.293	4.1803
288.29	1592.959	4.1789
288.29	1586.498	4.1789
288.31	1580.038	4.1789
288.31	1573.577	4.1816
288.32	1567.243	4.1816
288.33	1560.783	4.1816
288.34	1554.322	4.1803
288.35	1547.988	4.1789
288.35	1541.528	4.1816
288.36	1535.067	4.1816
288.37	1528.607	4.1816
288.38	1522.273	4.1816
288.39	1515.813	4.1803
288.41	1509.479	4.1789
288.43	1503.018	4.1789
288.5	1509.479	4.1762
288.52	1515.939	4.1735
288.53	1522.4	4.1749
288.53	1528.86	4.1722
288.54	1535.194	4.1722
288.55	1541.655	4.1735
288.55	1548.115	4.1722
288.56	1554.449	4.1735
288.56	1560.91	4.1708
288.57	1567.37	4.1722
288.57	1573.704	4.1722
288.58	1580.164	4.1722
288.58	1586.625	4.1708
288.59	1593.085	4.1695
288.59	1599.546	4.1695
288.6	1605.88	4.1708
288.6	1612.34	4.1695
288.61	1618.674	4.1722
288.61	1625.135	4.1708
288.61	1631.595	4.1735
288.62	1638.309	4.1762
288.62	1644.769	4.1776
288.63	1651.23	4.1762
288.64	1657.564	4.1776
288.66	1664.024	4.1803
288.87	1657.437	4.1857
289.23	1650.977	4.187
289.98	1647.303	4.2005
290.13	1640.969	4.2019

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
536.46	1513.868	7.7894
536.66	1506.074	7.7935
537.24	1498.428	7.8016
537.45	1505.927	7.8043
537.96	1502.986	7.811
538.64	1495.634	7.8218
538.77	1503.281	7.8232
539.21	1495.487	7.8299
539.96	1497.252	7.8407
540.67	1489.899	7.8529
540.72	1482.253	7.8502
540.85	1489.899	7.8529
541.96	1488.723	7.8691
542.88	1481.223	7.8826
543.95	1484.899	7.8974
544.46	1477.106	7.9056
544.53	1484.752	7.9056
544.69	1477.106	7.9083
544.97	1484.605	7.9123
545.24	1476.959	7.9164
545.95	1477.694	7.9285
546.66	1469.9	7.9393
547.78	1462.548	7.9528
547.95	1467.254	7.9555
548.68	1459.901	7.9677
549.95	1460.93	7.9866
550.68	1453.137	7.996
551.95	1455.343	8.0149
552.72	1447.549	8.0257
553.95	1447.255	8.0433
554.29	1439.461	8.0473
554.46	1447.108	8.0487
554.69	1439.461	8.0541
555.95	1438.138	8.0716
556.69	1430.344	8.0824
557.95	1428.727	8.1
558.16	1420.933	8.104
558.22	1428.58	8.1054
558.68	1420.933	8.1121
559.95	1418.727	8.1297
560.68	1410.934	8.1405
561.95	1410.199	8.1594
562.37	1402.405	8.1661
563.2	1394.611	8.1783
563.95	1393.435	8.1891
564.54	1401.082	8.1945
564.61	1393.288	8.1986
564.69	1385.788	8.1986
564.8	1393.288	8.1999
565.39	1385.641	8.208
565.95	1388.729	8.2175
567.05	1381.377	8.2323
567.95	1384.612	8.2458
568.07	1376.966	8.2472
568.12	1384.465	8.2485

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
313.12	1320.402	4.5448
313.34	1316.682	4.5475
313.97	1313.837	4.557
314.02	1317.557	4.557
314.22	1313.764	4.561
314.39	1317.411	4.5637
314.52	1313.764	4.5637
315.4	1309.898	4.5786
315.97	1308.512	4.5854
316.58	1304.718	4.5948
317.47	1300.852	4.6083
317.55	1304.5	4.6097
317.74	1300.779	4.6124
317.91	1304.5	4.6137
317.97	1302.749	4.6151
318.28	1299.029	4.6191
318.34	1302.676	4.6205
318.59	1298.956	4.6245
318.68	1295.235	4.6245
318.73	1298.956	4.6245
319.92	1295.235	4.6448
319.97	1297.424	4.6434
320.08	1293.704	4.6461
320.21	1297.424	4.6475
320.51	1293.631	4.6515
321.28	1289.837	4.6637
321.35	1293.485	4.6637
321.42	1289.764	4.665
321.97	1288.962	4.6745
322.69	1285.096	4.6839
323.86	1281.449	4.7015
323.97	1280.938	4.7015
324.18	1284.877	4.7042
324.6	1281.084	4.7109
325.23	1277.291	4.7204
325.34	1280.938	4.7217
325.53	1277.218	4.7244
325.97	1276.196	4.7285
326.47	1272.403	4.7379
326.55	1276.051	4.7393
326.85	1272.33	4.7447
327.97	1274.3	4.7609
328.03	1270.653	4.7609
328.36	1274.446	4.7663
328.47	1270.798	4.7676
329.45	1266.932	4.7811
329.54	1270.58	4.7825
329.97	1268.756	4.7906
330.51	1264.963	4.7973
330.57	1261.315	4.7973
330.62	1264.963	4.7973
331.37	1261.17	4.8081
331.43	1265.036	4.8108
331.97	1261.753	4.8176
332.47	1257.96	4.8257

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
290.18	1647.303	4.2019
290.22	1640.842	4.2073
290.23	1634.382	4.2073
290.24	1627.921	4.2073
290.25	1621.588	4.2073
290.26	1615.127	4.2073
290.27	1608.667	4.2086
290.29	1602.206	4.21
290.3	1595.872	4.21
290.31	1589.412	4.21
290.31	1583.078	4.2086
290.32	1576.617	4.2086
290.33	1570.157	4.21
290.34	1563.696	4.2113
290.35	1557.363	4.21
290.36	1550.902	4.21
290.37	1544.442	4.21
290.37	1538.108	4.21
290.38	1531.647	4.2113
290.39	1525.187	4.2113
290.4	1518.853	4.21
290.41	1512.392	4.21
290.43	1505.932	4.2086
290.5	1512.392	4.2046
290.52	1518.853	4.2032
290.52	1525.313	4.2019
290.53	1531.774	4.2032
290.54	1538.108	4.2046
290.55	1544.568	4.2019
290.56	1551.029	4.2019
290.56	1557.489	4.2005
290.57	1563.823	4.2019
290.57	1570.284	4.2005
290.58	1576.744	4.2005
290.58	1583.205	4.2005
290.59	1589.538	4.2005
290.59	1595.999	4.1992
290.6	1602.333	4.2019
290.6	1608.793	4.2005
290.61	1615.254	4.2019
290.61	1621.588	4.2019
290.61	1628.048	4.2032
290.62	1634.509	4.2032
290.62	1640.842	4.2046
290.63	1647.303	4.2046
290.64	1653.637	4.2073
290.66	1659.971	4.21
290.78	1653.637	4.2113
290.84	1659.971	4.2113
290.93	1653.51	4.214
291.11	1647.05	4.2154
291.16	1653.51	4.2167
291.75	1646.923	4.2262
291.82	1653.383	4.2262
291.93	1646.923	4.2289

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
568.79	1376.671	8.258
569.95	1380.789	8.2755
570.01	1373.142	8.2755
570.46	1380.642	8.2809
570.65	1372.995	8.2863
571.95	1374.172	8.3039
572.31	1366.525	8.3079
572.46	1374.025	8.3106
572.66	1366.378	8.3133
573.75	1359.026	8.3309
573.95	1360.937	8.3336
575.01	1352.997	8.3471
575.95	1350.938	8.3619
576.69	1343.144	8.3727
577.29	1335.498	8.3822
577.54	1327.704	8.3862
577.68	1335.351	8.3876
577.95	1331.969	8.3916
579.95	1327.704	8.42
580.8	1320.058	8.4321
581.95	1320.646	8.4483
583.95	1316.97	8.478
585.8	1309.47	8.505
585.95	1313.146	8.5078
586.37	1305.5	8.5132
586.45	1313.146	8.5145
586.74	1305.5	8.5186
587.04	1312.999	8.5226
587.63	1305.353	8.5307
587.95	1306.676	8.5361
588.44	1314.176	8.5415
588.55	1306.529	8.5442
589.41	1298.736	8.5564
589.77	1306.235	8.5631
589.82	1298.589	8.5631
589.95	1300.5	8.5645
590.69	1292.854	8.5753
591.95	1290.648	8.5942
593.26	1283.295	8.6131
593.95	1281.237	8.6225
595.54	1273.737	8.6468
595.95	1274.62	8.6536
597.58	1267.267	8.6765
597.75	1274.767	8.6779
597.95	1268.591	8.6819
598.47	1275.943	8.69
598.64	1268.443	8.6927
598.7	1260.797	8.6927
598.89	1268.443	8.6941
599.95	1267.267	8.7089
600.06	1259.621	8.7116
600.12	1267.12	8.7116
600.34	1259.621	8.7143
600.46	1267.12	8.717
600.66	1259.474	8.7197

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
332.55	1261.68	4.827
332.63	1257.96	4.827
332.67	1261.68	4.827
332.75	1257.96	4.8297
332.84	1261.607	4.8311
333.03	1257.887	4.8338
333.26	1261.753	4.8365
333.31	1258.106	4.8378
333.7	1261.899	4.8432
333.75	1258.252	4.8432
333.97	1258.981	4.8459
334.05	1255.261	4.8473
334.18	1259.127	4.85
334.85	1255.334	4.8594
334.92	1258.981	4.8608
334.96	1255.334	4.8622
335.29	1259.2	4.8662
335.35	1255.48	4.8675
335.97	1254.385	4.8757
336.87	1250.519	4.8892
337.91	1246.653	4.9054
337.97	1246.143	4.9054
338.02	1249.863	4.9054
338.48	1246.07	4.9135
339.28	1242.276	4.9229
339.32	1245.924	4.9243
339.97	1246.288	4.9351
340.12	1242.568	4.9364
340.18	1246.288	4.9364
340.37	1242.568	4.9391
340.79	1238.775	4.9459
340.89	1242.495	4.9459
340.96	1238.775	4.9472
341.05	1242.641	4.9499
341.11	1238.994	4.9513
341.79	1235.201	4.9607
341.87	1238.848	4.9621
341.95	1235.128	4.9621
341.97	1235.128	4.9621
342.02	1238.848	4.9621
342.21	1235.128	4.9661
342.3	1238.775	4.9675
342.53	1235.055	4.9715
343.13	1231.262	4.9796
343.18	1234.909	4.9796
343.51	1231.189	4.985
343.82	1235.055	4.9904
343.86	1231.334	4.9918
343.97	1230.386	4.9918
344	1234.033	4.9931
344.05	1230.386	4.9931
344.18	1234.033	4.9945
344.49	1230.313	4.9985
344.79	1226.593	5.0026
344.85	1230.24	5.0039

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
291.98	1646.923	4.2289
292.04	1653.257	4.2302
292.1	1646.796	4.2343
292.23	1640.336	4.2356
292.24	1633.875	4.2356
292.26	1627.541	4.2356
292.28	1621.081	4.2356
292.29	1614.62	4.237
292.31	1608.287	4.2356
292.33	1601.826	4.237
292.34	1595.366	4.2383
292.36	1588.905	4.237
292.37	1582.571	4.237
292.39	1576.111	4.2383
292.41	1569.65	4.2383
292.43	1563.316	4.237
292.45	1556.856	4.237
292.53	1563.316	4.2343
292.54	1569.777	4.2343
292.55	1576.237	4.2329
292.56	1582.571	4.2329
292.57	1589.032	4.2343
292.58	1595.492	4.2316
292.59	1601.953	4.2302
292.59	1608.287	4.2329
292.6	1614.747	4.2316
292.6	1621.081	4.2329
292.61	1627.541	4.2329
292.62	1634.002	4.2302
292.62	1640.336	4.2329
292.63	1646.796	4.2343
292.64	1653.13	4.2343
292.64	1659.591	4.2356
292.66	1665.924	4.237
293.01	1659.464	4.2451
293.98	1654.524	4.2573
294.23	1647.936	4.2627
294.24	1641.476	4.2667
294.25	1635.142	4.2667
294.26	1628.682	4.2667
294.27	1622.348	4.2654
294.28	1615.887	4.2654
294.29	1609.427	4.2667
294.3	1602.966	4.2667
294.31	1596.632	4.2667
294.31	1590.172	4.2681
294.32	1583.711	4.2681
294.33	1577.377	4.2681
294.34	1570.917	4.2681
294.35	1564.456	4.2681
294.36	1558.123	4.2681
294.37	1551.662	4.2667
294.38	1545.202	4.2681
294.39	1538.868	4.2654
294.4	1532.407	4.2681

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
600.79	1266.973	8.7224
601.08	1259.326	8.7265
601.95	1259.179	8.7386
602.8	1251.533	8.7508
603.95	1255.503	8.7697
604.94	1247.71	8.7818
605.11	1255.356	8.7845
605.67	1247.563	8.7926
605.95	1248.004	8.7967
607.95	1246.68	8.8251
608.72	1238.887	8.8372
608.83	1246.533	8.8399
608.97	1238.887	8.8399
609.95	1234.475	8.8548
610.33	1226.829	8.8602
610.42	1234.328	8.8602
611.33	1226.682	8.875
611.95	1225.064	8.8845
613.41	1217.712	8.9047
613.54	1225.211	8.9074
613.73	1217.712	8.9088
613.95	1213.3	8.9128
614.88	1205.654	8.925
615.95	1204.477	8.9412
616.77	1196.831	8.9533
616.81	1204.33	8.9547
616.89	1196.684	8.956
617.95	1198.889	8.9709
619.12	1191.096	8.9871
619.95	1196.095	9.0006
620.64	1188.449	9.01
621.95	1190.508	9.0303
622.61	1182.861	9.0397
622.66	1175.362	9.0397
622.77	1182.861	9.0384
623.95	1176.979	9.0559
625.29	1169.627	9.0775
625.95	1168.597	9.0856
627.73	1161.245	9.1127
627.94	1168.744	9.1154
627.95	1168.156	9.1181
628.12	1160.657	9.1194
628.28	1168.156	9.1221
628.33	1160.657	9.1221
628.42	1168.156	9.1221
628.66	1160.51	9.1248
629.95	1163.157	9.1451
630.66	1155.51	9.1559
631.11	1163.009	9.1613
631.21	1155.363	9.1626
631.95	1154.775	9.1748
633.84	1147.422	9.2004
633.95	1150.216	9.2018
634.66	1142.57	9.2112
634.71	1150.069	9.2153

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
344.95	1226.52	5.0053
345.14	1230.386	5.008
345.33	1226.666	5.012
345.97	1227.541	5.0215
346.02	1223.894	5.0215
346.25	1227.541	5.0228
346.46	1223.821	5.0282
347.14	1220.028	5.0377
347.24	1223.894	5.039
347.31	1220.247	5.039
347.69	1216.453	5.0458
347.9	1220.32	5.0498
347.97	1218.861	5.0498
348.28	1222.727	5.0552
348.32	1219.007	5.0566
348.48	1215.359	5.0566
348.87	1211.639	5.0633
349.07	1207.919	5.066
349.13	1211.566	5.066
349.76	1207.773	5.0768
349.97	1205.803	5.0795
350.25	1209.669	5.0822
350.35	1205.949	5.0836
350.65	1202.229	5.089
350.96	1206.095	5.093
351.02	1202.448	5.0944
351.75	1198.654	5.1052
351.97	1198.8	5.1079
352.09	1195.153	5.1106
352.15	1198.8	5.1092
352.22	1195.153	5.1119
352.29	1198.8	5.1133
352.57	1195.08	5.1173
352.62	1191.36	5.1173
352.71	1195.299	5.12
352.89	1191.579	5.1214
352.96	1195.226	5.1227
352.99	1191.579	5.1227
353.5	1187.785	5.1308
353.97	1186.764	5.1376
354.19	1183.044	5.1416
354.29	1186.691	5.1416
354.46	1182.971	5.1457
354.51	1179.324	5.1457
354.61	1182.971	5.1457
354.8	1179.251	5.1484
354.86	1182.898	5.1497
354.93	1179.251	5.1497
355.79	1175.458	5.1632
355.97	1174.217	5.1659
356.29	1178.011	5.17
356.37	1174.363	5.1727
356.54	1170.643	5.1754
356.75	1174.509	5.1768
356.79	1170.862	5.1781

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
294.41	1526.073	4.2667
294.43	1519.613	4.2681
294.45	1513.152	4.2667
294.5	1519.613	4.2627
294.52	1526.073	4.2613
294.52	1532.534	4.2613
294.53	1538.868	4.2613
294.54	1545.328	4.26
294.55	1551.789	4.26
294.55	1558.249	4.2586
294.56	1564.583	4.26
294.56	1571.044	4.2586
294.57	1577.504	4.26
294.57	1583.838	4.2586
294.58	1590.298	4.26
294.58	1596.759	4.2573
294.59	1603.219	4.2573
294.59	1609.553	4.2573
294.6	1616.014	4.2586
294.6	1622.348	4.2586
294.61	1628.808	4.2586
294.61	1635.142	4.26
294.62	1641.603	4.26
294.62	1648.443	4.2613
294.63	1654.777	4.2627
294.63	1661.237	4.264
294.64	1667.571	4.2654
294.65	1674.032	4.2667
294.89	1667.571	4.2708
295.31	1660.984	4.2775
295.48	1667.318	4.2802
295.59	1660.984	4.2816
295.98	1663.011	4.2856
296.21	1656.424	4.2924
296.23	1649.963	4.2951
296.24	1643.629	4.2951
296.25	1637.169	4.2937
296.26	1630.708	4.2951
296.27	1624.374	4.2951
296.27	1617.914	4.2951
296.28	1611.453	4.2951
296.29	1605.12	4.2978
296.3	1598.659	4.2964
296.31	1592.199	4.2964
296.32	1585.865	4.2964
296.32	1579.404	4.2964
296.33	1572.944	4.2978
296.34	1566.61	4.2978
296.35	1560.149	4.2964
296.36	1553.816	4.2964
296.37	1547.355	4.2964
296.37	1540.895	4.2978
296.38	1534.561	4.2964
296.4	1528.1	4.2964
296.41	1521.64	4.2964

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
634.9	1142.423	9.2153
635.1	1149.922	9.218
635.44	1142.423	9.2234
635.79	1149.775	9.2288
635.95	1146.54	9.2301
637	1138.746	9.2463
637.05	1146.246	9.2477
637.6	1138.746	9.2544
637.95	1144.187	9.2612
638.38	1136.688	9.2679
638.44	1144.187	9.2666
638.7	1136.541	9.272
638.95	1144.04	9.276
639	1136.541	9.276
639.66	1128.894	9.2868
639.95	1125.512	9.2895
641.8	1118.16	9.3165
641.95	1119.483	9.3179
642.04	1111.984	9.3192
642.09	1119.483	9.3192
642.36	1111.984	9.326
642.45	1119.483	9.326
642.82	1111.836	9.33
643.95	1109.337	9.3476
645.4	1101.543	9.3692
645.95	1105.66	9.3773
646.34	1098.014	9.3813
646.43	1105.513	9.3827
646.8	1098.014	9.3894
647.54	1090.367	9.3989
647.61	1097.867	9.4016
647.94	1090.22	9.4056
647.95	1091.691	9.4056
648.64	1084.044	9.4164
649.95	1082.427	9.434
651	1074.633	9.4502
651.95	1073.604	9.4651
652.98	1065.957	9.4786
653.95	1067.134	9.4921
655.87	1059.781	9.5218
655.95	1056.987	9.5218
656.32	1064.34	9.5272
656.37	1056.84	9.5285
656.46	1064.34	9.5272
657.23	1056.693	9.5407
657.95	1056.105	9.5488
659.29	1048.458	9.569
659.95	1048.311	9.5771
660.66	1040.665	9.5906
661.95	1040.077	9.6082
662.24	1032.43	9.6136
663.94	1028.901	9.6392
664.4	1021.254	9.646
664.66	1013.755	9.6473
665.94	1015.961	9.6662

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
357.61	1167.069	5.1889
357.97	1164.807	5.1943
358.16	1168.674	5.1984
358.2	1165.026	5.1984
358.67	1161.306	5.2038
359.26	1157.513	5.2146
359.97	1155.178	5.2227
360.51	1151.385	5.2321
361.31	1147.592	5.2443
361.35	1151.239	5.2443
361.68	1147.592	5.2483
361.97	1148.03	5.2524
362.46	1144.237	5.2591
362.63	1140.589	5.2632
362.78	1144.237	5.2632
362.95	1140.516	5.2672
363.47	1136.723	5.2753
363.87	1133.076	5.2807
363.97	1133.513	5.2834
364	1129.574	5.2821
364.48	1125.854	5.2902
364.67	1122.134	5.2929
364.84	1118.486	5.2942
364.92	1122.353	5.2956
364.97	1118.705	5.2969
365.33	1114.985	5.3023
365.91	1111.265	5.3104
365.97	1112.724	5.3091
366.31	1116.517	5.3172
366.39	1112.87	5.3172
366.52	1109.222	5.3185
367.46	1105.356	5.332
367.55	1109.003	5.332
367.71	1105.356	5.3361
367.92	1109.222	5.3388
367.97	1106.523	5.3401
368.14	1102.803	5.3415
368.23	1106.742	5.3428
368.48	1103.022	5.3482
368.75	1099.302	5.3509
369.18	1095.581	5.3577
369.75	1091.861	5.3644
369.94	1095.727	5.3685
369.97	1093.976	5.3698
370.12	1090.329	5.3712
370.48	1086.609	5.3779
370.55	1082.889	5.3793
370.64	1086.609	5.3766
370.82	1082.889	5.3806
370.93	1086.755	5.382
371.24	1083.035	5.3874
371.42	1079.387	5.3887
371.47	1083.253	5.3901
371.64	1079.606	5.3941
371.97	1081.721	5.3995

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
296.43	1515.306	4.2951
296.48	1521.766	4.2924
296.51	1528.227	4.291
296.52	1534.687	4.2897
296.52	1541.021	4.2883
296.53	1547.482	4.2897
296.54	1553.942	4.287
296.54	1560.276	4.287
296.55	1566.737	4.287
296.55	1573.197	4.287
296.56	1579.531	4.2883
296.56	1585.991	4.287
296.57	1592.452	4.287
296.57	1598.786	4.287
296.58	1605.246	4.287
296.58	1611.707	4.2856
296.58	1618.041	4.287
296.59	1624.501	4.287
296.59	1630.835	4.2883
296.6	1637.296	4.2897
296.6	1643.629	4.2897
296.61	1650.09	4.2924
296.61	1656.424	4.291
296.62	1662.884	4.291
296.63	1669.598	4.2964
296.65	1676.059	4.2951
296.92	1669.598	4.2991
297.01	1675.932	4.3005
297.11	1669.471	4.3045
297.47	1663.011	4.3086
297.54	1669.471	4.3086
297.98	1667.571	4.314
298.13	1661.111	4.318
298.24	1654.65	4.3221
298.25	1648.19	4.3234
298.26	1641.856	4.3234
298.27	1635.395	4.3221
298.28	1628.935	4.3234
298.3	1622.601	4.3248
298.31	1616.141	4.3248
298.32	1609.68	4.3248
298.33	1603.346	4.3248
298.34	1596.886	4.3248
298.35	1590.425	4.3261
298.36	1584.091	4.3261
298.37	1577.631	4.3275
298.38	1571.297	4.3261
298.39	1564.836	4.3275
298.41	1558.376	4.3248
298.41	1552.042	4.3261
298.43	1545.582	4.3248
298.44	1539.121	4.3261
298.45	1532.787	4.3221
298.54	1539.248	4.3207
298.55	1545.708	4.3207

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
666.03	1008.314	9.6689
666.1	1015.961	9.6676
666.58	1008.314	9.6757
666.63	1015.814	9.6757
666.79	1008.314	9.6797
667.94	1008.167	9.6932
668.22	1000.52	9.7
669.94	1003.02	9.7243
670.72	995.5208	9.7365
671.94	994.3444	9.754
672.97	986.6979	9.7702
673.94	986.5508	9.7837
674.81	978.9043	9.7959
675.94	974.934	9.8107
677.75	967.1404	9.8391
677.94	971.4048	9.8404
678.81	963.7582	9.8526
679.94	964.0523	9.8701
680.33	956.5529	9.8769
680.5	964.0523	9.8769
680.7	956.5529	9.8796
681.49	948.9063	9.8931
681.94	949.7886	9.8985
683.05	942.1421	9.916
683.22	949.4945	9.9147
683.94	945.6712	9.9268
685.94	945.8183	9.9538
686.03	938.3188	9.9579
687.94	934.7896	9.9849
688.85	927.1431	9.9984
689.94	924.2021	10.0159
691.23	916.5556	10.0349
691.94	911.4089	10.043
692.73	903.7623	10.0551
693.94	899.939	10.0713
695.94	898.1745	10.101
696.45	890.675	10.1105
697.94	888.0281	10.1307
698.81	880.5286	10.1442
698.86	888.0281	10.1429
699.55	880.3815	10.1537
699.94	881.2638	10.1604
701.34	873.6173	10.1807
701.94	874.4996	10.1861
702.33	867.0001	10.1955
703.94	867.1471	10.2171
705.31	859.6477	10.236
705.94	858.4713	10.2468
706.31	850.9718	10.2536
707.94	847.5896	10.2738
709.58	839.9431	10.2995
709.67	847.2955	10.2995
709.94	843.6193	10.3035
710.82	835.9728	10.317
711.01	843.4723	10.3184

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
372.14	1078.074	5.4009
372.22	1081.721	5.4009
372.46	1078.001	5.4063
372.52	1074.354	5.4063
372.71	1078.001	5.4063
372.78	1074.281	5.4103
373.53	1070.488	5.4225
373.97	1071.655	5.4265
374.1	1068.008	5.4279
374.25	1071.874	5.4306
374.35	1068.226	5.4319
374.52	1064.506	5.4333
374.59	1068.372	5.4373
375.04	1064.652	5.4427
375.05	1060.786	5.4414
375.05	1057.139	5.4427
375.06	1053.491	5.4427
375.18	1057.139	5.4414
375.2	1061.005	5.4441
375.23	1064.725	5.4414
375.33	1068.518	5.4468
375.39	1064.871	5.4481
375.83	1061.151	5.4535
375.97	1060.64	5.4549
376.53	1056.92	5.463
377.34	1053.127	5.4765
377.51	1049.406	5.4778
377.93	1045.759	5.4833
377.97	1048.166	5.4846
378.03	1044.519	5.486
378.27	1048.385	5.4887
378.31	1044.665	5.49
378.43	1041.017	5.4927
378.77	1037.297	5.4968
379.42	1033.577	5.5062
379.53	1034.233	5.5089

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
298.56	1552.042	4.3207
298.57	1558.503	4.3207
298.58	1564.963	4.3194
298.59	1571.297	4.3194
298.6	1577.757	4.318
298.6	1584.091	4.3207
298.61	1590.552	4.318
298.62	1597.012	4.318
298.62	1603.346	4.3194
298.63	1609.807	4.318
298.64	1616.267	4.3194
298.64	1622.728	4.318
298.65	1629.062	4.318
298.65	1635.522	4.3167
298.65	1641.856	4.3194
298.66	1648.316	4.3207
298.66	1655.917	4.3221
298.66	1662.377	4.3234
298.66	1668.711	4.3248
298.67	1675.172	4.3234
298.69	1681.506	4.3248
298.97	1675.045	4.3315
299.74	1668.458	4.3423
299.83	1661.997	4.341
299.89	1668.331	4.3437
299.98	1671.752	4.345
300.2	1665.291	4.3531
300.21	1658.831	4.3518
300.22	1652.37	4.3531
300.23	1646.036	4.3531
300.24	1639.576	4.3531
300.25	1633.242	4.3531
300.26	1626.781	4.3545
300.27	1620.448	4.3518
300.28	1613.987	4.3545
300.29	1607.527	4.3545
300.3	1601.066	4.3545
300.31	1594.225	4.3545
300.32	1587.892	4.3545
300.33	1581.431	4.3545
300.34	1574.971	4.3558
300.34	1568.637	4.3545
300.35	1562.176	4.3558
300.36	1555.842	4.3545
300.37	1549.382	4.3545
300.38	1543.048	4.3531
300.4	1536.588	4.3545
300.41	1530.254	4.3531
300.44	1523.793	4.3531
300.49	1530.254	4.3477
300.5	1536.714	4.3477
300.51	1543.175	4.3464
300.52	1549.509	4.3477
300.52	1555.969	4.3477
300.53	1562.303	4.3464

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
711.6	840.0902	10.3292

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
300.54	1568.763	4.3464
300.54	1575.224	4.3464
300.55	1581.558	4.3464
300.55	1588.018	4.345
300.56	1594.352	4.3464
300.56	1600.813	4.345
300.57	1607.273	4.3464
300.57	1613.607	4.345
300.58	1620.067	4.3464
300.58	1626.908	4.345
300.59	1633.369	4.345
300.59	1639.702	4.3464
300.6	1646.036	4.3477
300.6	1652.497	4.3464
300.61	1658.957	4.3477
300.61	1665.291	4.3504
300.62	1671.752	4.3504
300.63	1678.085	4.3504
300.64	1684.419	4.3545
300.96	1677.959	4.3585
301.39	1671.498	4.3653
301.98	1670.865	4.3734
302.21	1664.278	4.3801
302.23	1657.944	4.3828
302.25	1651.483	4.3801
302.26	1645.149	4.3801
302.27	1638.689	4.3801
302.29	1632.228	4.3815
302.3	1625.895	4.3815
302.31	1619.434	4.3842
302.32	1612.974	4.3828
302.33	1606.64	4.3828
302.34	1600.179	4.3828
302.35	1593.845	4.3842
302.37	1587.385	4.3828
302.38	1580.924	4.3842
302.39	1574.591	4.3855
302.4	1568.13	4.3842
302.41	1561.796	4.3828
302.42	1555.336	4.3828
302.43	1548.875	4.3842
302.45	1542.541	4.3815
302.54	1549.002	4.3788
302.55	1555.462	4.3774
302.56	1561.796	4.3788
302.57	1568.257	4.3788
302.58	1574.717	4.3774
302.59	1581.051	4.3774
302.59	1587.512	4.3774
302.6	1593.845	4.3774
302.61	1600.306	4.3774
302.61	1606.766	4.3761
302.62	1613.1	4.3774
302.62	1619.561	4.3761
302.63	1625.895	4.3774

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
302.64	1632.355	4.3761
302.64	1638.816	4.3761
302.65	1645.149	4.3761
302.65	1651.61	4.3761
302.66	1657.944	4.3774
302.66	1664.404	4.3774
302.67	1670.738	4.3801
302.68	1677.072	4.3815
302.69	1683.532	4.3815
302.72	1689.866	4.3842
302.9	1683.406	4.3869
303.33	1676.945	4.395
303.98	1679.732	4.4031
304.19	1673.272	4.4085
304.22	1666.811	4.4085
304.24	1660.351	4.4098
304.25	1654.017	4.4098
304.27	1647.556	4.4085
304.29	1641.222	4.4112
304.3	1634.762	4.4112
304.31	1628.301	4.4112
304.33	1621.968	4.4112
304.33	1615.507	4.4098
304.34	1609.173	4.4112
304.35	1602.713	4.4125
304.37	1596.379	4.4112
304.38	1589.918	4.4112
304.39	1583.458	4.4125
304.4	1577.124	4.4125
304.41	1570.284	4.4125
304.43	1563.823	4.4112
304.44	1557.489	4.4098
304.54	1563.95	4.4085
304.55	1570.284	4.4085
304.56	1576.744	4.4098
304.58	1583.078	4.4071
304.58	1589.538	4.4085
304.59	1595.872	4.4085
304.6	1602.333	4.4071
304.61	1608.793	4.4058
304.62	1615.254	4.4058
304.62	1621.588	4.4058
304.63	1628.048	4.4058
304.64	1634.382	4.4058
304.64	1640.842	4.4044
304.65	1647.176	4.4058
304.65	1653.637	4.4044
304.66	1660.097	4.4058
304.66	1666.431	4.4044
304.67	1673.272	4.4071
304.68	1679.606	4.4098
304.68	1686.066	4.4098
304.7	1692.4	4.4139
305.11	1685.939	4.4179
305.33	1679.352	4.422

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
305.97	1678.845	4.4314
306.01	1672.385	4.4314
306.14	1678.719	4.4341
306.19	1672.258	4.4368
306.22	1665.924	4.4368
306.24	1659.464	4.4382
306.26	1653.003	4.4395
306.27	1646.67	4.4382
306.29	1640.209	4.4409
306.3	1633.875	4.4409
306.31	1627.415	4.4409
306.32	1620.954	4.4422
306.33	1614.62	4.4422
306.34	1608.16	4.4422
306.35	1601.826	4.4409
306.36	1595.366	4.4409
306.37	1588.905	4.4422
306.38	1582.571	4.4422
306.39	1576.111	4.4422
306.4	1569.777	4.4436
306.41	1563.316	4.4422
306.42	1556.983	4.4422
306.43	1550.522	4.4436
306.48	1544.188	4.4409
306.53	1550.649	4.4368
306.54	1556.983	4.4368
306.56	1563.443	4.4368
306.57	1569.777	4.4368
306.58	1576.237	4.4368
306.58	1582.698	4.4355
306.59	1589.032	4.4355
306.6	1595.492	4.4341
306.61	1601.826	4.4355
306.61	1608.287	4.4355
306.62	1614.747	4.4355
306.63	1621.081	4.4341
306.63	1627.541	4.4341
306.64	1633.875	4.4355
306.64	1640.336	4.4341
306.65	1646.796	4.4341
306.65	1653.13	4.4341
306.66	1659.464	4.4368
306.66	1665.924	4.4355
306.67	1672.258	4.4382
306.68	1678.719	4.4395
306.68	1685.053	4.4382
306.7	1691.513	4.4409
306.93	1684.926	4.4449
307.25	1678.465	4.4503
307.97	1679.986	4.4611
308.05	1673.652	4.4598
308.22	1667.065	4.4679
308.24	1660.731	4.4665
308.26	1654.27	4.4665
308.27	1647.81	4.4679

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
308.29	1641.476	4.4679
308.3	1635.015	4.4692
308.31	1628.682	4.4692
308.32	1622.221	4.4706
308.33	1615.887	4.4692
308.34	1609.427	4.4692
308.36	1602.966	4.4706
308.37	1596.632	4.4706
308.38	1590.172	4.4692
308.4	1583.838	4.4706
308.41	1577.377	4.4706
308.42	1571.044	4.4692
308.43	1564.583	4.4679
308.45	1558.249	4.4679
308.49	1551.789	4.4665
308.53	1558.249	4.4665
308.55	1564.583	4.4679
308.56	1571.044	4.4679
308.58	1577.504	4.4665
308.59	1583.838	4.4652
308.6	1590.298	4.4652
308.6	1596.632	4.4652
308.61	1603.093	4.4652
308.62	1609.553	4.4638
308.63	1615.887	4.4652
308.63	1622.348	4.4638
308.64	1628.682	4.4638
308.65	1635.142	4.4625
308.65	1641.476	4.4652
308.66	1647.936	4.4638
308.66	1654.397	4.4638
308.67	1660.731	4.4625
308.68	1667.191	4.4638
308.68	1673.525	4.4652
308.69	1679.859	4.4665
308.7	1686.319	4.4692
308.71	1692.653	4.4706
309.07	1686.193	4.476
309.45	1679.606	4.4827
309.97	1675.299	4.4881
310.22	1668.711	4.4949
310.24	1662.251	4.4962
310.26	1655.917	4.4962
310.29	1649.456	4.4962
310.31	1643.123	4.4962
310.32	1636.662	4.4962
310.34	1630.328	4.4976
310.36	1623.868	4.4976
310.38	1617.534	4.4976
310.41	1611.073	4.4976
310.43	1604.74	4.4976
310.51	1611.2	4.4935
310.52	1617.534	4.4935
310.53	1623.994	4.4935
310.55	1630.328	4.4949

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
310.55	1636.789	4.4922
310.56	1643.249	4.4908
310.57	1649.583	4.4935
310.58	1656.044	4.4922
310.59	1662.377	4.4935
310.59	1668.711	4.4935
310.6	1675.172	4.4949
310.61	1681.506	4.4949
310.62	1687.839	4.4976
310.7	1694.3	4.4989
310.84	1687.839	4.503
311.39	1681.252	4.5097
311.89	1674.792	4.5165
311.95	1681.126	4.5178
311.97	1679.859	4.5192
312.06	1673.398	4.5192
312.1	1679.859	4.5205
312.22	1673.398	4.5246
312.25	1666.938	4.5232
312.28	1660.477	4.5259
312.3	1654.144	4.5259
312.31	1647.683	4.5273
312.32	1641.349	4.5273
312.34	1634.889	4.5273
312.35	1628.555	4.5273
312.36	1622.094	4.5286
312.37	1615.76	4.5273
312.38	1609.3	4.5286
312.4	1602.839	4.5286
312.41	1596.506	4.5273
312.42	1590.045	4.5286
312.43	1583.711	4.53
312.45	1576.871	4.5246
312.48	1570.537	4.5246
312.54	1576.871	4.5259
312.56	1583.331	4.5246
312.57	1589.792	4.5232
312.59	1596.126	4.5246
312.6	1602.459	4.5246
312.61	1608.92	4.5232
312.62	1615.38	4.5232
312.63	1621.714	4.5219
312.64	1628.175	4.5219
312.65	1634.509	4.5232
312.65	1640.969	4.5219
312.66	1647.43	4.5205
312.67	1653.763	4.5219
312.67	1660.224	4.5205
312.68	1666.558	4.5246
312.68	1672.892	4.5232
312.69	1679.352	4.5246
312.7	1685.686	4.5273
312.71	1692.02	4.53
312.95	1685.559	4.5327
313.79	1678.972	4.5448

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
313.97	1676.819	4.5462
314.22	1670.231	4.5529
314.29	1663.898	4.5543
314.32	1657.437	4.5529
314.35	1651.103	4.5556
314.38	1644.643	4.5543
314.48	1651.103	4.5529
314.5	1657.564	4.5516
314.51	1663.898	4.5502
314.51	1670.231	4.5529
314.53	1676.692	4.5529
314.54	1683.026	4.5556
315.23	1676.439	4.5665
315.97	1673.652	4.5773
316.2	1667.191	4.5813
316.23	1660.857	4.5827
316.25	1654.397	4.5813
316.28	1648.063	4.5827
316.29	1641.603	4.5854
316.3	1635.142	4.5854
316.31	1628.808	4.584
316.32	1622.474	4.584
316.34	1616.014	4.5867
316.36	1609.553	4.5854
316.36	1603.219	4.5867
316.38	1596.759	4.5867
316.39	1590.425	4.5867
316.41	1583.965	4.5867
316.42	1577.631	4.5881
316.43	1571.17	4.5867
316.45	1564.836	4.584
316.49	1558.503	4.584
316.53	1564.836	4.5827
316.54	1571.297	4.584
316.57	1577.631	4.5813
316.58	1584.091	4.5827
316.59	1590.425	4.5827
316.6	1596.886	4.5813
316.61	1603.219	4.5813
316.62	1609.68	4.5813
316.63	1616.141	4.58
316.64	1622.474	4.58
316.64	1628.935	4.58
316.65	1635.269	4.5813
316.66	1641.603	4.5813
316.67	1648.063	4.5813
316.67	1654.397	4.5827
316.68	1660.857	4.5813
316.69	1667.191	4.5813
316.69	1673.652	4.5827
316.7	1679.986	4.5854
316.72	1686.319	4.5867
316.82	1679.859	4.5894
317.1	1673.398	4.5921
317.27	1679.732	4.5948

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
317.32	1673.398	4.5975
317.68	1666.811	4.6016
317.97	1663.771	4.6056
318.02	1670.231	4.6056
318.09	1663.771	4.6097
318.22	1657.31	4.611
318.28	1650.977	4.6124
318.31	1644.516	4.6124
318.34	1638.182	4.611
318.37	1631.722	4.6124
318.39	1625.388	4.6124
318.42	1618.927	4.6137
318.5	1625.388	4.6097
318.51	1631.722	4.6097
318.52	1638.182	4.6083
318.53	1644.643	4.6083
318.54	1650.977	4.6083
318.55	1657.69	4.6124
318.56	1664.151	4.6124
318.57	1670.485	4.6137
319.03	1664.024	4.6218
319.97	1662.504	4.634
320.21	1656.044	4.6394
320.25	1649.583	4.638
320.29	1643.249	4.6407
320.32	1636.789	4.6421
320.35	1630.455	4.6407
320.4	1623.994	4.6421
320.49	1630.455	4.638
320.5	1636.789	4.638
320.51	1643.249	4.6367
320.52	1649.583	4.638
320.53	1655.917	4.6394
320.54	1662.377	4.6407
320.55	1668.711	4.6407
321.3	1662.124	4.6542
321.74	1668.838	4.661
321.77	1675.552	4.6637
321.8	1669.218	4.6637
321.81	1662.758	4.665
321.83	1656.424	4.665
321.84	1649.963	4.665
321.85	1643.629	4.665
321.86	1637.169	4.665
321.87	1630.835	4.665
321.89	1624.374	4.6664
321.9	1618.041	4.6664
321.91	1611.707	4.665
321.93	1605.246	4.6677
321.94	1598.912	4.6664
321.95	1592.452	4.6677
321.96	1586.118	4.6677
321.97	1579.658	4.6677
321.97	1577.504	4.6677
321.99	1571.17	4.6677

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
322	1564.836	4.6664
322.01	1558.376	4.6664
322.03	1551.915	4.6677
322.04	1545.582	4.6677
322.06	1539.248	4.6664
322.19	1532.787	4.6677
322.38	1539.248	4.6691
322.4	1545.582	4.6677
322.42	1552.042	4.665
322.43	1558.376	4.6637
322.44	1565.217	4.6677
322.45	1571.55	4.6677
322.46	1578.011	4.6664
322.47	1584.471	4.6637
322.47	1590.805	4.6623
322.48	1597.139	4.6637
322.48	1603.6	4.6623
322.49	1610.06	4.6623
322.49	1616.394	4.6623
322.5	1622.728	4.6637
322.5	1629.568	4.661
322.51	1636.029	4.661
322.51	1642.363	4.6637
322.52	1648.696	4.6637
322.52	1655.157	4.6637
322.52	1661.491	4.6637
322.53	1667.825	4.665
322.54	1674.285	4.6677
322.54	1680.619	4.6677
322.55	1686.953	4.6691
322.57	1693.287	4.6718
322.66	1686.953	4.6745
322.8	1680.492	4.6758
323.05	1674.032	4.6799
323.39	1667.571	4.6839
323.83	1661.111	4.6893
323.97	1664.404	4.692
324.07	1658.07	4.6934
324.21	1651.61	4.6961
324.29	1645.149	4.6974
324.32	1638.816	4.6988
324.45	1645.149	4.6974
324.48	1651.61	4.6974
324.49	1657.944	4.6988
324.52	1664.278	4.7001
324.91	1657.817	4.7069
325.91	1651.103	4.7217
325.97	1650.723	4.7204
326.04	1657.057	4.7217
326.19	1650.597	4.7271
326.23	1644.263	4.7258
326.28	1637.929	4.7271
326.31	1631.468	4.7285
326.35	1625.008	4.7285
326.38	1618.674	4.7271

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
326.47	1625.135	4.7231
326.48	1631.468	4.7244
326.49	1637.929	4.7244
326.5	1644.263	4.7244
326.51	1650.597	4.7271
326.52	1656.93	4.7285
326.54	1663.391	4.7285
326.88	1656.93	4.7339
327.97	1655.79	4.7501
328.21	1649.33	4.7555
328.25	1642.869	4.7541
328.31	1636.535	4.7568
328.37	1630.075	4.7568
328.45	1636.535	4.7568
328.47	1642.869	4.7555
328.49	1649.33	4.7555
328.5	1655.664	4.7568
328.58	1661.997	4.7582
328.75	1655.537	4.7609
329.97	1652.243	4.7798
330.19	1645.783	4.7838
330.22	1639.449	4.7838
330.25	1632.989	4.7852
330.27	1626.655	4.7865
330.29	1620.194	4.7865
330.31	1613.86	4.7865
330.33	1607.527	4.7865
330.35	1601.066	4.7879
330.37	1594.732	4.7865
330.39	1588.272	4.7879
330.42	1581.938	4.7865
330.47	1575.604	4.7852
330.51	1581.938	4.7852
330.53	1588.398	4.7852
330.54	1594.732	4.7838
330.55	1601.066	4.7852
330.57	1607.527	4.7838
330.58	1613.86	4.7852
330.59	1620.321	4.7838
330.6	1626.655	4.7838
330.6	1633.115	4.7825
330.61	1639.449	4.7838
330.62	1645.783	4.7852
330.63	1652.117	4.7865
330.64	1658.451	4.7892
330.66	1664.911	4.7879
330.87	1658.451	4.7933
331.47	1651.863	4.8014
331.54	1658.197	4.8027
331.59	1651.863	4.8041
331.97	1651.357	4.8095
332.19	1644.896	4.8135
332.29	1638.562	4.8122
332.43	1644.896	4.8135
332.5	1651.23	4.8149

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
332.54	1657.564	4.8162
332.73	1651.103	4.8189
333.59	1644.516	4.8324
333.97	1645.276	4.8365
334.21	1638.816	4.8419
334.29	1632.482	4.8432
334.46	1638.816	4.8419
334.48	1645.656	4.8446
334.52	1651.99	4.8446
334.73	1645.529	4.85
335.77	1638.942	4.8635
335.96	1645.276	4.8649
335.97	1644.389	4.8676
336.17	1637.929	4.8716
336.23	1631.595	4.8716
336.33	1625.135	4.8703
336.4	1631.595	4.8716
336.49	1637.929	4.873
336.52	1644.263	4.873
336.71	1637.802	4.877
336.77	1631.468	4.877
337.45	1624.881	4.8865
337.97	1622.601	4.8946
338.2	1616.141	4.9013
338.25	1609.807	4.9
338.3	1603.473	4.9013
338.35	1597.012	4.9013
338.47	1603.473	4.8986
338.48	1609.807	4.8986
338.49	1616.141	4.9
338.5	1622.474	4.9013
338.54	1629.315	4.904
339.03	1622.854	4.9108
339.97	1622.094	4.9243
340.17	1615.76	4.9283
340.22	1609.3	4.9297
340.3	1602.966	4.9297
340.42	1609.3	4.9283
340.44	1616.141	4.931
340.49	1622.474	4.931
340.53	1628.808	4.931
340.65	1622.348	4.9351
341.97	1617.027	4.9526
342.21	1610.567	4.958
342.24	1604.106	4.9594
342.26	1597.772	4.9607
342.28	1591.312	4.9607
342.29	1584.978	4.9607
342.31	1578.644	4.9607
342.33	1572.31	4.9607
342.35	1565.85	4.9607
342.37	1559.516	4.9621
342.38	1553.182	4.9621
342.41	1546.342	4.958
342.46	1540.008	4.9594

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
342.52	1546.342	4.9607
342.54	1552.802	4.9594
342.55	1559.136	4.958
342.57	1565.47	4.9594
342.58	1571.93	4.958
342.59	1578.264	4.958
342.6	1584.598	4.958
342.61	1591.059	4.9567
342.62	1597.392	4.9567
342.63	1603.726	4.958
342.63	1610.06	4.958
342.64	1616.394	4.9594
342.65	1623.234	4.9607
342.67	1629.568	4.9621
342.76	1635.902	4.9634
342.92	1629.442	4.9675
343.15	1623.108	4.9702
343.97	1621.968	4.9823
344.22	1615.507	4.9877
344.27	1609.173	4.9891
344.29	1602.713	4.9904
344.32	1596.379	4.9891
344.36	1590.045	4.9877
344.48	1596.506	4.9864
344.49	1602.839	4.9864
344.5	1609.173	4.985
344.51	1615.507	4.9864
344.52	1622.348	4.9891
344.55	1628.682	4.9904
344.88	1622.221	4.9945
345.97	1619.434	5.0107
346.2	1612.974	5.0161
346.24	1606.513	5.0161
346.3	1600.179	5.0174
346.45	1606.513	5.0161
346.47	1612.974	5.0161
346.48	1619.307	5.0174
346.5	1625.641	5.0188
346.69	1619.181	5.0215
347.97	1618.041	5.0417
348.19	1611.58	5.0458
348.24	1605.246	5.0458
348.3	1598.912	5.0458
348.43	1605.246	5.0471
348.47	1611.58	5.0471
348.53	1617.914	5.0471
348.74	1611.453	5.0525
348.95	1617.787	5.0539
349.36	1611.327	5.062
349.97	1610.82	5.0687
350.05	1604.36	5.0714
350.08	1598.026	5.0714
350.18	1591.565	5.0755
350.2	1584.851	5.0728
350.24	1578.391	5.0755

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
350.27	1572.057	5.0768
350.3	1565.723	5.0755
350.32	1559.389	5.0755
350.36	1552.929	5.0755
350.38	1546.595	5.0755
350.47	1552.929	5.0741
350.48	1559.389	5.0728
350.49	1565.723	5.0728
350.51	1572.057	5.0741
350.52	1578.391	5.0741
350.53	1584.725	5.0755
350.85	1578.264	5.0836
351.22	1571.804	5.0876
351.97	1575.097	5.0984
352.02	1568.637	5.0998
352.13	1574.971	5.1011
352.18	1568.637	5.1025
352.23	1562.303	5.1025
352.28	1555.842	5.1038
352.3	1549.509	5.1052
352.34	1543.175	5.1052
352.46	1549.635	5.1011
352.47	1555.969	5.1011
352.48	1562.303	5.1025
352.49	1568.637	5.1025
352.51	1575.351	5.1052
353.97	1573.324	5.1268
354.19	1566.863	5.1322
354.29	1560.529	5.1322
354.42	1566.863	5.1322
354.49	1573.197	5.1335
355.97	1572.437	5.1551
356.2	1565.977	5.1592
356.29	1559.643	5.1605
356.42	1565.977	5.1605
356.49	1572.31	5.1619
357.04	1565.723	5.1727
357.97	1565.597	5.1849
358.24	1559.136	5.1889
358.43	1565.85	5.1916
358.49	1572.31	5.1916
358.75	1565.85	5.197
359.97	1564.203	5.2159
360.2	1557.869	5.2186
360.28	1551.409	5.22
360.43	1558.249	5.2213
360.51	1564.583	5.2213
360.95	1558.123	5.2294
361.97	1556.983	5.2429
362.19	1550.522	5.2483
362.22	1544.188	5.2483
362.25	1537.854	5.2497
362.27	1531.521	5.2497
362.3	1525.187	5.2497
362.33	1518.726	5.251

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
362.35	1512.392	5.251
362.37	1505.678	5.251
362.41	1499.345	5.2497
362.5	1505.678	5.2483
362.51	1512.012	5.2483
362.53	1518.346	5.2483
362.54	1524.807	5.247
362.55	1531.14	5.247
362.56	1537.474	5.247
362.57	1543.808	5.2456
362.58	1550.522	5.2497
362.59	1556.856	5.2483
362.61	1563.696	5.251
363.13	1557.109	5.2605
363.7	1550.649	5.2686
363.97	1551.029	5.2713
364.29	1544.568	5.278
364.45	1550.902	5.278
365.8	1544.188	5.2996
365.97	1545.075	5.2996
366.17	1538.614	5.305
366.3	1532.281	5.3064
366.49	1538.994	5.3077
367.48	1532.407	5.3239
367.97	1531.901	5.3293
368.19	1525.44	5.3361
368.28	1518.726	5.3347
368.41	1525.06	5.3347
368.51	1531.774	5.3374
369.82	1525.06	5.3577
369.97	1524.173	5.3604
370.25	1517.839	5.3644
370.34	1511.506	5.3644
370.41	1517.839	5.3631
370.42	1524.553	5.3658
371.74	1517.839	5.3847
371.97	1520.373	5.3874
372.16	1513.912	5.3914
372.28	1507.579	5.3928
372.36	1501.245	5.3955
372.43	1507.579	5.3941
372.46	1513.912	5.3941
372.48	1520.246	5.3941
372.77	1513.786	5.3995
373.76	1507.325	5.4117
373.97	1507.199	5.4171
374.18	1500.865	5.4198
374.3	1494.531	5.4211
374.42	1501.245	5.4225
374.51	1507.959	5.4252
374.84	1501.498	5.4306
375.52	1495.038	5.44
375.97	1492.757	5.4468
376.23	1486.424	5.4508
376.28	1480.09	5.4522

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
376.41	1486.424	5.4508
376.47	1493.138	5.4535
377.3	1486.677	5.4643
377.97	1485.664	5.4752
378.21	1479.203	5.4779
378.44	1485.917	5.4806
379.97	1486.044	5.5035
380.16	1479.583	5.5076
380.29	1473.249	5.5103
380.42	1479.963	5.5116
380.58	1486.677	5.513
380.77	1480.343	5.5157
381.97	1481.737	5.5332
382.27	1475.276	5.5386
382.49	1481.99	5.54
383.17	1475.529	5.5508
383.97	1476.163	5.5616
384.18	1469.829	5.567
384.25	1463.495	5.5683
384.32	1456.781	5.5683
384.41	1463.115	5.5656
384.42	1469.829	5.5683
384.47	1476.543	5.5683
385.21	1470.082	5.5791
385.97	1468.562	5.5926
386.16	1462.228	5.5953
386.27	1455.895	5.5967
386.4	1462.228	5.5953
386.5	1468.942	5.598
386.95	1462.482	5.6061
387.67	1455.895	5.6169
387.96	1462.608	5.6196
387.97	1461.342	5.621
388.15	1455.008	5.6237
388.23	1448.674	5.6264
388.42	1455.388	5.6264
389.87	1448.801	5.6466
389.97	1450.447	5.648
390.21	1443.987	5.6534
390.48	1450.701	5.6561
391.19	1444.24	5.6682
391.97	1441.453	5.679
392.18	1435.12	5.6817
392.31	1428.786	5.6831
392.37	1435.5	5.6844
392.48	1442.213	5.6844
392.95	1435.88	5.6912
393.61	1429.419	5.702
393.97	1428.912	5.7074
394.25	1422.452	5.7128
394.41	1429.166	5.7128
395.39	1422.705	5.7276
395.54	1429.419	5.729
395.62	1422.959	5.7317
395.97	1422.579	5.7357

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
396.2	1416.118	5.7398
396.5	1422.832	5.7425
396.99	1416.371	5.7506
397.43	1410.038	5.7573
397.79	1416.625	5.7627
397.9	1410.291	5.7654
397.9	1403.577	5.7654
397.93	1396.863	5.7654
397.97	1393.823	5.7654
398.12	1400.664	5.7654
398.15	1407.377	5.7668
398.47	1413.965	5.7708
398.82	1407.631	5.7763
399.09	1401.17	5.7803
399.97	1400.664	5.7938
400.15	1394.203	5.7992
400.23	1387.489	5.7979
400.4	1394.203	5.8006
401.43	1387.616	5.8154
401.48	1394.33	5.8168
401.71	1387.996	5.8195
401.97	1386.729	5.8235
402.15	1380.395	5.8262
402.32	1374.061	5.8289
402.4	1380.649	5.8303
403.11	1374.315	5.8397
403.97	1374.948	5.8532
404.15	1368.108	5.8546
404.29	1361.774	5.8586
404.34	1355.06	5.8573
404.43	1361.394	5.8546
404.45	1368.108	5.8586
404.48	1374.822	5.8586
404.77	1368.488	5.864
405.97	1368.614	5.8802
406.19	1362.281	5.8843
406.29	1355.567	5.8856
406.34	1362.281	5.887
406.47	1368.868	5.8883
406.94	1362.534	5.8951
407.97	1358.987	5.9099
408.26	1352.526	5.914
408.4	1359.24	5.9167
409.42	1352.78	5.9302
409.97	1350.12	5.9396
410.27	1343.786	5.9437
410.41	1350.5	5.945
411.4	1343.912	5.9612
411.97	1342.139	5.968
412.22	1335.805	5.972
412.45	1342.519	5.9747
412.87	1336.058	5.9815
413.63	1329.598	5.9936
413.97	1329.091	5.9963
414.13	1322.757	5.999

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
414.3	1316.424	6.0017
414.39	1323.137	6.0017
415.97	1319.971	6.0247
416.2	1313.51	6.0301
416.39	1320.224	6.0314
417.39	1313.763	6.0476
417.87	1307.303	6.0544
417.97	1307.683	6.0557
418.2	1301.349	6.0598
418.46	1308.063	6.0625
418.99	1301.602	6.0692
419.97	1300.209	6.0841
420.25	1293.875	6.0882
420.44	1300.589	6.0895
421.27	1294.002	6.103
421.97	1293.115	6.1125
422.31	1286.655	6.1192
422.45	1293.368	6.1192
423.63	1286.908	6.1381
423.96	1290.202	6.1408
424.15	1283.868	6.1462
424.47	1290.455	6.1489
424.89	1284.121	6.1543
425.96	1280.954	6.1705
426.25	1274.62	6.1759
426.39	1281.207	6.1786
427.17	1274.874	6.1894
427.96	1272.974	6.2002
428.31	1266.64	6.2056
428.39	1273.354	6.207
429.96	1271.327	6.2286
430.14	1264.613	6.2313
430.51	1271.2	6.2367
430.87	1264.866	6.2434
431.46	1258.532	6.2515
431.96	1259.292	6.2569
432.16	1252.959	6.2623
432.45	1259.546	6.2637
433.05	1253.212	6.2745
433.96	1252.199	6.288
434.16	1245.485	6.2893
434.38	1252.072	6.2934
435.28	1245.611	6.3069
435.96	1242.191	6.3163
436.18	1235.351	6.319
436.44	1242.064	6.3217
436.98	1235.604	6.3312
437.96	1234.59	6.3447
438.14	1228.257	6.3501
438.45	1234.971	6.3514
438.76	1228.257	6.3568
439.85	1221.669	6.3717
439.96	1226.737	6.373
440.21	1220.403	6.3784
440.53	1226.99	6.3812

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
440.77	1220.656	6.3852
441.54	1214.322	6.3974
441.85	1207.482	6.4014
441.96	1207.482	6.4014
442.14	1200.768	6.4055
442.29	1194.054	6.4082
442.38	1200.768	6.4082
443.53	1194.307	6.4257
443.96	1195.067	6.4311
444.14	1188.354	6.4352
444.44	1194.941	6.4379
444.81	1188.607	6.4446
445.96	1185.82	6.4608
446.2	1179.106	6.4649
446.39	1185.82	6.4662
447.25	1179.359	6.4797
447.96	1178.853	6.4878
448.24	1172.519	6.4959
448.29	1165.805	6.4946
448.41	1172.519	6.4946
448.44	1179.106	6.4959
449.17	1172.772	6.5067
449.96	1173.026	6.5175
450.15	1166.312	6.5216
450.23	1159.598	6.5229
450.32	1166.312	6.5229
450.46	1172.899	6.5256
450.87	1166.565	6.5324
451.85	1160.105	6.5459
451.92	1166.818	6.5472
451.96	1162.638	6.5486
452.19	1155.924	6.5513
452.46	1162.511	6.554
452.77	1156.178	6.5594
453.39	1149.844	6.5688
453.6	1156.558	6.5702
453.96	1151.871	6.5769
454.25	1145.157	6.581
454.42	1151.744	6.5823
454.83	1145.41	6.5904
455.96	1142.75	6.6053
456.13	1136.036	6.6093
456.46	1142.623	6.612
456.89	1136.289	6.6188
457.96	1136.163	6.6336
458.21	1129.449	6.6377
458.38	1136.036	6.6417
459.77	1129.576	6.6606
459.96	1131.602	6.6633
460.23	1124.889	6.6674
460.44	1131.476	6.6687
460.82	1125.142	6.6768
461.87	1118.681	6.6917
461.96	1120.455	6.6917
462.17	1113.741	6.6958

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
462.37	1120.328	6.6985
463	1113.994	6.7093
463.96	1113.361	6.7214
464.18	1106.647	6.7255
464.37	1113.234	6.7295
465.08	1106.9	6.7376
465.69	1100.567	6.7471
465.96	1105.507	6.7498
466.11	1098.793	6.7525
466.43	1105.507	6.7565
466.93	1099.046	6.7646
467.96	1097.653	6.7795
468.2	1090.939	6.7835
468.42	1097.653	6.7862
469.46	1091.193	6.8024
469.6	1097.78	6.8038
469.94	1091.066	6.8078
469.96	1091.953	6.8078
471.32	1085.492	6.8281
471.96	1083.719	6.8375
472.18	1077.005	6.8416
472.37	1083.592	6.8429
473.12	1077.258	6.8551
473.96	1074.218	6.8672
474.24	1067.504	6.8726
474.37	1074.091	6.874
475.96	1069.277	6.8956
476.15	1062.564	6.8983
476.37	1069.151	6.9023
477.13	1062.817	6.9118
477.96	1062.69	6.9253
478.24	1055.976	6.9293
478.41	1062.69	6.9293
479.95	1056.103	6.9536
479.96	1057.37	6.9536
480.24	1050.656	6.9577
480.37	1057.37	6.959
481.96	1052.936	6.982
482.15	1046.222	6.9861
482.45	1052.81	6.9888
482.98	1046.476	6.9982
483.96	1044.196	7.0117
485.96	1042.295	7.0401
486.16	1035.581	7.0441
486.41	1042.169	7.0455
487.58	1035.708	7.0644
487.96	1030.768	7.0684
488.18	1024.054	7.0725
488.28	1017.34	7.0738
488.35	1024.054	7.0738
489.96	1020.507	7.0968
491.88	1013.92	7.1265
491.96	1014.68	7.1265
493.64	1008.219	7.1521
493.96	1010.626	7.1575

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Two

S5-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-1 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
494.22	1004.039	7.1616
494.36	1010.626	7.1629
494.99	1004.292	7.1724
495.96	1001.252	7.1859
497.51	994.7916	7.2075
497.96	995.1716	7.2142
498.18	988.4578	7.2183
498.27	995.045	7.2169
499.96	990.738	7.2426
501.23	984.2775	7.2615
501.96	985.7976	7.2736
502.15	979.0837	7.275
502.47	985.6709	7.279
503.1	978.957	7.2885
503.96	975.1567	7.302
504.91	968.8229	7.3155
505.96	966.5427	7.329
506.15	959.9555	7.3317
506.44	966.4161	7.3371
506.99	959.7022	7.3466
507.96	960.8423	7.3587
508.21	954.2551	7.3641
508.51	960.8423	7.3668
509.13	954.0017	7.3776
509.74	947.2879	7.3857
509.96	950.5815	7.3884
510.12	943.9943	7.3911
510.45	950.5815	7.3952
510.63	943.8676	7.3992
511.96	941.2074	7.4168
512.12	934.6202	7.4195
512.38	941.2074	7.4222
513.55	934.7469	7.4411
513.96	931.4533	7.4451
514.14	924.7394	7.4492
514.31	931.3266	7.4519
515.08	924.6128	7.4627
515.96	920.4324	7.4748
516.78	914.0986	7.4883
517.23	907.3847	7.4951
517.96	903.9645	7.5045
518.19	897.3773	7.5086
518.4	903.9645	7.5099
519.22	897.1239	7.5221
519.96	892.9436	7.5329
521.96	892.3102	7.5626
522.14	885.5964	7.5639
522.39	892.1835	7.5666
522.98	885.4697	7.5788
523.96	884.5829	7.5896
525.71	878.1224	7.6166
525.96	878.1224	7.6193
527.03	871.6619	7.6369
527.88	865.0747	7.6463
527.96	865.8348	7.649

S6-2 28 days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

APPENDIX E: UCS Stage Three

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	5.934958	0.1985
0.1446	8.959504	0.2012
0.9131	11.98405	0.2106
1.6286	14.95153	0.2228
1.7182	14.95153	0.2322
1.7472	14.95153	0.2322
1.7762	14.95153	0.2336
1.8177	14.95153	0.2282
1.9813	14.95153	0.2241
1.9998	14.95153	0.2147
2.0252	14.95153	0.216
2.0418	14.95153	0.2174
2.0689	15.97873	0.2282
2.5927	19.00328	0.2322
3.1658	21.97076	0.2403
3.7365	21.97076	0.2579
3.7733	21.97076	0.2592
3.8055	21.97076	0.2592
3.8455	21.97076	0.2606
3.9997	21.97076	0.2538
4.0338	21.97076	0.2538
4.056	21.97076	0.2511
4.075	21.97076	0.2484
4.0941	23.7969	0.2525
4.1499	26.82144	0.2606
4.6225	29.84599	0.2633
4.7096	29.84599	0.2727
4.8281	29.84599	0.266
5.0927	32.81347	0.27
5.5332	35.83802	0.2768
5.7278	35.83802	0.2876
5.739	35.83802	0.2876
5.7537	35.83802	0.2903
5.7727	35.83802	0.2889
5.792	35.83802	0.2916
5.8127	35.83802	0.2889
5.8951	35.83802	0.2835
5.9512	35.83802	0.2835
5.9839	35.83802	0.2822
5.9995	35.83802	0.2768
6.0197	35.83802	0.2768
6.0344	35.83802	0.2754
6.0471	35.83802	0.2741
6.059	35.83802	0.2781
6.0714	36.23748	0.2795
6.1078	39.26203	0.2835
6.4341	42.22951	0.2889
6.7636	45.25405	0.2957
6.9428	45.25405	0.3011
7.008	45.25405	0.2997
7.1479	48.2786	0.3011
7.2784	48.2786	0.3038
7.366	48.2786	0.3038
7.593	51.30315	0.3052

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	0.859281	0.0149
0.1649	2.090142	0.0162
0.2078	3.321003	0.0149
0.3931	4.551864	0.0203
0.6551	4.551864	0.0243
0.8319	4.551864	0.0257
1.713	5.782726	0.0378
1.9998	6.014964	0.0446
2.0976	6.014964	0.0459
2.2808	6.014964	0.0446
2.8529	7.245825	0.054
3.1846	7.245825	0.0608
3.2697	7.245825	0.0608
3.7304	8.476686	0.0662
3.9997	8.476686	0.0716
4.0819	8.476686	0.0743
4.2448	8.476686	0.0743
4.3904	9.219848	0.077
4.7213	9.219848	0.0837
4.8498	9.219848	0.0851
5.3627	10.42749	0.0905
5.6751	10.42749	0.0972
5.7503	10.42749	0.0959
5.9995	10.84551	0.1013
6.0844	10.84551	0.104
6.2527	10.84551	0.104
6.7975	12.07637	0.1121
7.3201	13.30724	0.1202
7.4962	13.30724	0.1229
7.7286	13.30724	0.1242
7.9993	13.4698	0.131
8.0498	13.4698	0.1323
8.0913	13.4698	0.1337
8.162	13.4698	0.1337
8.2913	13.4698	0.1337
8.3213	13.4698	0.1323
8.3413	13.4698	0.1337
8.4932	14.67744	0.1364
8.8958	15.9083	0.1418
8.9119	15.9083	0.1445
9.3782	15.9083	0.1499
9.7736	17.13916	0.1553
9.7833	17.13916	0.1566
9.9992	17.13916	0.158
10.372	17.952	0.1634
11.118	19.18286	0.1742
11.836	20.41372	0.1863
11.999	20.41372	0.1877
12.107	20.41372	0.189
12.237	20.41372	0.1904
12.49	21.62136	0.1931
12.802	21.62136	0.2025
12.976	21.62136	0.2025
13.331	22.85222	0.2066

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	3.920506	-0.0041
0.0797	5.809477	-0.0041
0.1127	7.698448	-0.0041
0.1393	9.551778	-0.0041
0.1522	11.44075	-0.0054
0.171	13.32972	-0.0054
0.2107	15.21869	-0.0041
0.2419	17.10766	-0.0027
0.3061	18.99663	0
0.4907	20.8856	0.0041
0.8685	22.77457	0.0081
1.2665	24.66355	0.0149
1.8323	26.51688	0.023
1.9998	26.76636	0.027
2.4166	28.65533	0.0324
2.989	30.5443	0.0378
3.8099	32.43328	0.0513
3.9997	32.04122	0.0527
4.3096	33.9302	0.0581
5.0071	35.81917	0.0675
5.8222	33.9302	0.0824
5.9219	32.04122	0.081
5.981	33.9302	0.0797
5.9995	35.81917	0.081
6.0293	37.70814	0.081
6.4912	39.56147	0.0905
7.1482	41.45044	0.1013
7.9993	42.69787	0.1107
8.4291	44.58684	0.1175
8.9719	46.47581	0.1269
9.6358	48.32914	0.1364
9.7348	46.47581	0.1391
9.8941	48.32914	0.1391
9.9992	48.57863	0.1404
10.333	50.4676	0.1458
10.991	52.35657	0.1539
11.573	54.24554	0.1634
11.764	52.35657	0.1674
11.962	54.24554	0.1661
11.999	54.35247	0.1688
12.197	56.24144	0.1728
12.834	58.13041	0.1809
13.416	59.98374	0.189
13.971	61.87271	0.1971
13.999	61.48066	0.1985
14.338	63.36963	0.2039
14.871	65.2586	0.2106
15.333	67.11193	0.2174
15.854	69.0009	0.2255
15.999	68.85834	0.2295
16.025	67.00501	0.2295
16.104	65.11604	0.2295
16.167	63.22707	0.2309
16.275	65.11604	0.2282

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	1.515805	0.1782
1.6506	-0.310051	0.2066
1.8957	1.515805	0.1985
1.9998	1.378004	0.2066
3.7297	-0.447851	0.2336
3.9141	1.378004	0.2282
3.9997	1.515805	0.2363
5.6242	-0.310051	0.2633
5.8749	1.515805	0.2565
5.9995	1.756955	0.2673
7.5969	-0.0689	0.293
7.8745	1.722505	0.2862
7.9993	1.619155	0.293
9.9992	1.860306	0.3227
11.999	1.998106	0.3497
13.657	0.172251	0.3794
13.882	1.998106	0.3713
13.999	1.860306	0.3821
15.999	2.239257	0.4118
17.999	2.445958	0.4375
19.998	2.204807	0.4672
21.998	2.342607	0.4969
23.65	0.516752	0.5266
23.919	2.342607	0.5185
23.998	2.445958	0.5266
25.998	2.445958	0.5563
27.998	2.445958	0.5819
29.998	2.687108	0.6117
31.997	2.687108	0.6427
33.997	2.824909	0.6711
35.997	3.066059	0.7008
37.997	3.066059	0.7278
39.997	3.16941	0.7602
41.997	3.410561	0.7872
43.687	1.619155	0.8115
43.852	3.410561	0.8088
43.996	3.651711	0.8155
45.669	1.860306	0.8425
45.853	3.651711	0.8371
45.996	3.892862	0.8425
47.996	4.030662	0.8736
49.627	2.204807	0.9006
49.941	4.030662	0.8979
49.996	4.134013	0.9019
51.996	4.237363	0.9303
53.606	2.445958	0.9573
53.941	4.237363	0.9546
53.996	4.237363	0.9614
55.995	4.478514	0.9897
57.626	2.687108	1.0167
57.833	4.478514	1.0127
57.995	4.478514	1.0208
59.647	2.687108	1.0437
59.808	4.478514	1.041

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
7.7374	51.30315	0.3133
7.7518	51.30315	0.316
7.7689	51.30315	0.316
7.7886	51.30315	0.3173
7.8098	51.30315	0.3173
7.8301	51.30315	0.3173
7.8506	51.30315	0.316
7.894	51.30315	0.3146
7.9771	51.30315	0.3079
7.9862	51.30315	0.3119
7.9993	51.30315	0.3106
8.0252	51.30315	0.3092
8.0408	51.30315	0.3092
8.0535	51.30315	0.3052
8.0637	51.30315	0.3052
8.0737	51.30315	0.3052
8.0881	53.30049	0.3119
8.1247	56.32503	0.316
8.2193	56.32503	0.316
8.2898	56.32503	0.3187
8.413	56.32503	0.3173
8.4312	56.32503	0.3173
8.4827	59.29251	0.32
8.6681	62.31706	0.3254
8.7354	62.31706	0.3254
8.8727	62.31706	0.3227
9.0258	65.3416	0.3308
9.4163	68.30908	0.3335
9.597	68.30908	0.3376
9.6275	68.30908	0.3349
9.7299	68.30908	0.3443
9.7426	68.30908	0.3443
9.7548	68.30908	0.3443
9.768	68.30908	0.347
9.7858	68.30908	0.347
9.8033	68.30908	0.347
9.8194	68.30908	0.3484
9.8382	68.30908	0.3457
9.8699	68.30908	0.343
9.9738	68.30908	0.3362
9.9823	68.30908	0.3403
9.9972	68.30908	0.3416
9.9992	68.30908	0.3403
10.021	68.30908	0.3322
10.033	68.30908	0.3362
10.043	68.30908	0.3322
10.053	68.30908	0.3322
10.061	68.30908	0.3349
10.07	68.93682	0.3403
10.088	71.9043	0.3403
10.122	74.92884	0.343
10.389	77.95339	0.3457
10.644	80.92087	0.3511
10.869	83.94541	0.3538

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
13.773	24.08308	0.2133
13.999	24.80302	0.216
14.191	24.80302	0.2201
14.367	24.80302	0.2214
14.755	26.03388	0.2268
15.155	27.26474	0.2336
15.596	28.47238	0.239
15.61	28.47238	0.2403
15.817	28.47238	0.2444
15.999	28.79751	0.2471
16.31	30.02837	0.2498
16.794	31.25923	0.2565
16.804	31.25923	0.2565
17.091	31.25923	0.2606
17.5	32.46687	0.2673
17.999	33.30293	0.2754
18.35	34.51056	0.2795
18.955	35.74143	0.2889
19.435	36.97229	0.2957
19.464	36.97229	0.297
19.693	36.97229	0.2984
19.998	37.43676	0.3051
20.308	38.66762	0.3092
20.579	38.66762	0.3146
20.674	38.66762	0.3133
21.125	39.89848	0.32
21.73	41.10612	0.3281
21.998	41.91896	0.3335
22.182	41.91896	0.3362
22.377	41.91896	0.3376
22.776	43.14982	0.3443
23.512	44.35745	0.3551
23.53	44.35745	0.3551
23.83	44.35745	0.3592
23.998	44.35745	0.3632
24.292	45.49542	0.3659
24.48	45.49542	0.37
24.659	45.49542	0.3727
25.153	46.72628	0.3781
25.623	47.93392	0.3848
25.642	47.93392	0.3862
25.85	47.93392	0.3889
25.998	47.93392	0.3929
26.351	49.07189	0.3956
26.622	49.07189	0.4024
26.75	49.07189	0.401
27.2	50.30275	0.4091
27.814	51.51038	0.4172
27.998	51.67295	0.4199
28.086	51.67295	0.4226
28.317	51.67295	0.424
28.788	52.90381	0.4307
29	52.90381	0.4361
29.127	52.90381	0.4348

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
16.295	67.00501	0.2282
16.311	68.85834	0.2282
16.336	70.74731	0.2322
16.849	72.63628	0.239
17.35	74.48961	0.2471
17.863	76.37858	0.2552
17.938	74.48961	0.2565
17.999	73.74115	0.2579
18.159	75.63012	0.2565
18.25	77.51909	0.2606
18.785	79.37242	0.2673
19.266	81.26139	0.2741
19.747	83.11472	0.2808
19.998	83.6137	0.2862
20.392	85.50267	0.2916
21.15	87.356	0.3024
21.375	89.24497	0.3051
21.998	90.24292	0.3146
22.338	92.13189	0.32
22.789	93.98522	0.3254
23.101	92.09625	0.3295
23.169	93.98522	0.3295
23.271	95.87419	0.3322
23.73	97.72752	0.3403
23.998	97.72752	0.343
24.152	99.61649	0.347
24.746	101.4698	0.3538
25.119	99.58085	0.3605
25.258	101.4698	0.3578
25.279	103.3588	0.3605
25.688	105.2121	0.3673
25.998	105.7111	0.3713
26.292	107.6001	0.3794
26.731	109.4534	0.3835
27.056	107.5644	0.3889
27.184	109.4534	0.3875
27.264	111.3424	0.3889
27.604	113.1957	0.3943
27.998	114.3362	0.4024
28.331	116.1895	0.4064
28.629	118.0785	0.4118
28.674	116.1895	0.4132
28.792	118.0785	0.4132
29.262	119.9318	0.4186
29.528	121.8208	0.424
29.927	123.6741	0.4294
29.998	122.5693	0.4307
30.165	124.4226	0.4321
30.605	126.3116	0.4388
31.222	128.1649	0.4483
31.436	130.0539	0.451
31.969	131.9072	0.4577
31.997	131.7646	0.4604
32.409	133.6536	0.4645

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
59.995	4.616314	1.0464
61.995	4.857465	1.0761
63.646	3.031609	1.1018
63.767	4.857465	1.0977
63.995	4.857465	1.1058
65.995	4.960815	1.1342
67.994	5.822068	1.1639
69.994	6.64887	1.1922
71.994	6.890021	1.222
73.994	7.234522	1.2517
75.994	7.579023	1.28
77.994	8.061325	1.307
79.563	6.269919	1.3327
79.746	8.061325	1.3286
79.993	8.543626	1.3381
81.993	8.922577	1.3664
83.993	9.990531	1.3961
85.521	8.199125	1.4204
85.607	6.40772	1.4204
85.814	8.199125	1.4191
85.858	9.990531	1.4177
85.993	10.71398	1.4245
87.993	10.23168	1.4542
89.015	12.02309	1.469
89.459	10.23168	1.4758
89.771	12.02309	1.4798
89.993	11.29963	1.4825
91.538	9.508229	1.5068
91.639	7.716824	1.5068
91.748	9.508229	1.5055
91.789	11.29963	1.5055
91.992	12.36759	1.5122
93.527	10.57618	1.5366
93.639	8.784777	1.5366
93.728	10.57618	1.5352
93.784	12.36759	1.5339
93.992	13.09104	1.5406
95.461	11.26518	1.5622
95.554	9.473779	1.5636
95.743	11.29963	1.5609
95.783	13.09104	1.5636
95.992	14.02119	1.569
97.46	12.22979	1.5919
97.552	10.43838	1.5946
97.738	12.22979	1.5919
97.778	14.02119	1.5933
97.992	13.91784	1.5987
99.43	12.12644	1.6203
99.487	10.30058	1.6216
99.55	8.509176	1.6257
99.609	6.717771	1.6243
99.692	4.926365	1.623
99.758	6.717771	1.6216
99.806	8.509176	1.623

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S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
11.037	83.94541	0.3565
11.104	83.94541	0.3619
11.179	86.96996	0.3592
11.381	89.93744	0.3673
11.7	92.96198	0.37
11.725	92.96198	0.374
11.735	92.96198	0.374
11.746	92.96198	0.374
11.756	92.96198	0.3754
11.767	92.96198	0.3754
11.778	92.96198	0.3754
11.793	92.96198	0.3754
11.808	92.96198	0.3767
11.825	92.96198	0.3754
11.838	92.96198	0.3767
11.859	92.96198	0.374
11.91	92.96198	0.3713
11.974	92.96198	0.3673
11.984	92.96198	0.3686
11.995	92.96198	0.3686
11.999	92.96198	0.3673
12.015	92.96198	0.3632
12.024	92.96198	0.3646
12.034	92.96198	0.3632
12.043	92.96198	0.3632
12.052	92.96198	0.3632
12.06	92.96198	0.3605
12.067	92.96198	0.3673
12.075	92.96198	0.3686
12.089	94.38866	0.3686
12.11	97.35614	0.3727
12.197	97.35614	0.3754
12.296	97.35614	0.3754
12.345	100.3807	0.3767
12.672	103.4052	0.3835
13.01	106.3727	0.3862
13.238	109.3973	0.3889
13.462	112.3647	0.3916
13.721	112.3647	0.4037
13.731	112.3647	0.4037
13.741	112.3647	0.4037
13.749	112.3647	0.4024
13.757	112.3647	0.4037
13.767	112.3647	0.4037
13.778	112.3647	0.4051
13.79	112.3647	0.4051
13.802	112.3647	0.4051
13.813	112.3647	0.4051
13.827	112.3647	0.4037
13.847	112.3647	0.4024
13.976	112.3647	0.397
13.99	112.3647	0.3983
13.999	112.3647	0.3983
14.012	112.3647	0.3916

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
29.538	54.11145	0.4415
29.998	54.11145	0.4496
30.386	55.24942	0.455
30.878	56.45705	0.4618
31.2	56.45705	0.4672
31.288	56.45705	0.4672
31.697	57.68791	0.4726
31.997	57.75759	0.478
32.332	58.98845	0.482
32.351	58.98845	0.4834
32.751	58.98845	0.4888
33.121	60.19608	0.4955
33.147	60.19608	0.4955
33.388	60.19608	0.4982
33.848	61.42695	0.5036
33.997	61.42695	0.5077
34.036	61.42695	0.5104
34.268	61.42695	0.5117
34.811	62.54169	0.5171
34.836	62.54169	0.5212
35.078	62.54169	0.5212
35.196	62.54169	0.5266
35.261	62.54169	0.5252
35.488	63.77255	0.5293
35.868	64.98019	0.5347
35.997	64.98019	0.5374
36.098	64.98019	0.5401
36.223	64.98019	0.5374
36.248	64.98019	0.5387
36.513	64.98019	0.5414
36.95	65.95559	0.5495
37.093	65.95559	0.5536
37.302	65.95559	0.5536
37.708	67.16322	0.5603
37.997	67.16322	0.5657
38.366	68.20829	0.5698
38.452	68.20829	0.5725
38.511	68.20829	0.5725
38.98	69.43916	0.5792
38.996	69.43916	0.5806
39.428	69.43916	0.5833
39.809	70.64679	0.5914
39.997	70.64679	0.5941
40.351	71.13449	0.5981
40.428	71.13449	0.6008
40.587	71.13449	0.6008
41.529	72.34213	0.6157
41.575	72.34213	0.6184
41.703	72.34213	0.6171
41.997	72.34213	0.6238
42.37	73.22464	0.6265
42.456	73.22464	0.6306
42.574	73.22464	0.6292
42.924	74.43227	0.636

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
32.852	131.7646	0.4712
32.977	129.8757	0.4739
33.286	131.7646	0.478
33.504	133.618	0.4807
33.964	135.5069	0.4874
33.997	135.7564	0.4888
34.365	137.6098	0.4928
34.734	139.4987	0.4982
35.224	141.3521	0.5063
35.357	143.241	0.5077
35.683	145.0944	0.5131
35.997	145.9497	0.5185
36.157	147.8387	0.5198
36.72	149.692	0.5266
37.093	147.8031	0.5347
37.194	149.692	0.5333
37.22	151.5454	0.536
37.437	153.4343	0.5387
37.856	155.2877	0.5441
37.997	155.1807	0.5468
38.268	157.0341	0.5509
38.544	158.923	0.5549
38.629	157.0341	0.5563
38.686	158.923	0.5563
39.22	160.7764	0.5644
39.404	162.6297	0.5657
39.957	164.5187	0.5738
39.997	164.2692	0.5752
40.294	166.1225	0.5806
40.734	167.9759	0.586
41.256	169.8292	0.5927
41.461	171.7182	0.5968
41.997	173.322	0.6049
42.292	175.1753	0.6076
42.833	177.0643	0.6157
43.043	175.1753	0.6211
43.145	173.2864	0.6198
43.214	175.1753	0.6211
43.243	177.0287	0.6198
43.256	178.9176	0.6211
43.592	180.771	0.6265
43.972	182.6599	0.6333
43.996	182.1253	0.6346
44.26	184.0143	0.6373
44.637	185.8676	0.6427
45.212	187.7209	0.6495
45.336	189.6099	0.6535
45.814	191.4632	0.6616
45.996	191.7127	0.663
46.452	193.5661	0.6684
46.676	195.4194	0.6724
47.019	193.5661	0.6765
47.209	195.4194	0.6792
47.248	197.3084	0.6792

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
99.847	10.30058	1.6203
99.879	12.12644	1.6203
99.907	13.91784	1.6216
99.992	14.36569	1.627
101.99	15.4681	1.6554
103.99	16.39825	1.6851
105.51	14.60685	1.708
105.71	16.39825	1.7067
105.99	17.4662	1.7148
107.99	18.29301	1.7445
109.76	20.08441	1.7674
109.99	18.91311	1.7728
110.58	20.67006	1.7796
111.55	18.87866	1.7958
111.61	17.08725	1.7971
111.69	18.87866	1.7931
111.73	20.67006	1.7958
111.99	20.56671	1.8012
113.56	18.77531	1.8242
113.69	20.56671	1.8228
113.88	22.35812	1.8282
113.99	21.87582	1.8296
115.4	20.08441	1.8525
115.46	18.29301	1.8539
115.5	16.5016	1.8552
115.56	14.7102	1.8552
115.64	12.91879	1.8552
115.76	14.7102	1.8525
115.79	16.5016	1.8552
115.83	18.29301	1.8539
115.85	20.08441	1.8512
115.89	21.87582	1.8552
115.99	21.49687	1.8606
117.01	23.28827	1.8728
117.47	21.49687	1.8809
117.54	19.70546	1.8836
117.64	17.91406	1.8849
117.7	19.70546	1.8809
117.72	21.49687	1.8795
117.74	23.28827	1.8822
117.99	23.77057	1.8876
119.72	25.52753	1.9119
119.99	24.83853	1.9173
121.06	23.04712	1.9335
121.71	24.80408	1.9403
121.99	25.66533	1.947
123.29	27.42228	1.9646
123.46	25.63088	1.9686
123.71	27.42228	1.97
123.99	27.90459	1.9754
125.27	29.69599	1.9943
125.56	27.90459	1.9997
125.66	29.69599	1.9983
125.99	30.04049	2.0037

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
14.022	112.3647	0.397
14.029	112.3647	0.3929
14.039	112.3647	0.3929
14.046	112.3647	0.3916
14.055	112.3647	0.3943
14.063	112.3647	0.3943
14.073	112.3647	0.3929
14.08	112.3647	0.3943
14.088	114.3621	0.3983
14.128	117.3866	0.4051
14.24	120.4112	0.4091
14.548	123.3786	0.4078
14.989	126.4032	0.4132
15.146	126.4032	0.4159
15.202	126.4032	0.4172
15.243	129.4277	0.4186
15.601	132.3952	0.4226
15.71	132.3952	0.4321
15.72	132.3952	0.4334
15.73	132.3952	0.4334
15.74	132.3952	0.4321
15.749	132.3952	0.4321
15.758	132.3952	0.4334
15.768	132.3952	0.4334
15.777	132.3952	0.4334
15.787	132.3952	0.4334
15.8	132.3952	0.4348
15.81	132.3952	0.4361
15.823	132.3952	0.4334
15.84	132.3952	0.4307
15.873	132.3952	0.4294
15.949	132.3952	0.4267
15.97	132.3952	0.428
15.989	132.3952	0.4267
15.999	132.3952	0.424
16.005	132.3952	0.4213
16.012	132.3952	0.4199
16.018	132.3952	0.4226
16.022	132.3952	0.4186
16.031	132.3952	0.4213
16.039	132.3952	0.424
16.045	132.3952	0.4199
16.053	132.3952	0.424
16.061	132.3952	0.4267
16.071	132.3952	0.4226
16.083	134.3926	0.4253
16.103	137.4171	0.4307
16.381	140.3846	0.4334
16.456	140.3846	0.4388
16.509	140.3846	0.4388
16.625	140.3846	0.4388
16.647	140.3846	0.4388
16.781	143.4091	0.4402
17.036	146.3766	0.4442

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
42.948	74.43227	0.6373
43.16	74.43227	0.64
43.702	75.63991	0.6454
43.996	75.63991	0.6522
44.194	76.22051	0.6535
44.559	76.22051	0.6616
44.723	76.22051	0.6616
45.302	77.42814	0.6697
45.71	78.63578	0.6751
45.996	78.63578	0.6832
46.075	78.63578	0.6832
46.161	78.63578	0.6819
46.207	78.63578	0.6859
46.386	78.63578	0.6859
46.662	79.77375	0.6913
47.205	80.98138	0.6981
47.233	80.98138	0.6994
47.504	80.98138	0.7035
47.819	82.18902	0.7062
47.996	82.18902	0.7102
48.396	82.74639	0.717
48.48	82.74639	0.7183
48.567	82.74639	0.717
49.038	83.95403	0.7251
49.695	85.18489	0.7332
49.996	85.41713	0.7399
50.359	86.62477	0.7426
50.528	86.62477	0.748
50.626	86.62477	0.7467
50.737	86.62477	0.7494
50.821	86.62477	0.7494
51.028	87.8324	0.7534
51.693	89.06327	0.7615
51.996	89.13294	0.7696
52.075	89.13294	0.7696
52.202	89.13294	0.771
52.224	90.34057	0.771
52.236	90.34057	0.771
52.766	90.34057	0.7791
53.311	91.54821	0.7872
53.721	92.75585	0.7926
53.996	92.75585	0.798
54.052	92.75585	0.7993
54.265	92.75585	0.798
54.611	93.89382	0.8061
54.979	95.10145	0.8115
55.035	95.10145	0.8128
55.214	95.10145	0.8142
55.716	96.30909	0.8196
55.995	96.30909	0.8263
56.189	97.35416	0.829
56.212	97.35416	0.8304
56.435	97.35416	0.8317
57.097	98.5618	0.8425

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
47.433	199.1617	0.6832
47.896	201.015	0.6913
47.996	201.1219	0.6913
48.254	203.0109	0.6954
48.815	204.8642	0.7021
49.087	202.9753	0.7089
49.194	204.8642	0.7062
49.216	206.7176	0.7089
49.453	208.5709	0.7129
49.914	210.4242	0.7197
49.996	210.1748	0.7197
50.281	212.0637	0.7237
50.732	213.9171	0.7318
51.104	212.0281	0.7359
51.203	213.9171	0.7345
51.225	215.7704	0.7399
51.593	217.6237	0.7426
51.996	218.7286	0.7494
52.197	220.6176	0.7521
52.75	222.4709	0.7602
53.212	224.3242	0.7656
53.333	226.1775	0.7696
53.814	228.0309	0.7764
53.996	227.7814	0.7777
54.152	229.6347	0.7804
54.524	231.488	0.7858
55.208	233.3414	0.7953
55.261	235.2303	0.7966
55.608	237.0837	0.802
55.969	238.937	0.8061
55.995	238.545	0.8074
56.327	240.4339	0.8115
56.612	242.2873	0.8155
57.035	240.3983	0.8223
57.216	242.2516	0.8236
57.245	244.1406	0.8236
57.288	245.9939	0.8263
57.789	247.8473	0.8331
57.995	248.7026	0.8344
58.374	250.556	0.8425
58.75	252.4093	0.8466
59.243	254.2626	0.8533
59.356	256.1516	0.856
59.817	258.0049	0.8614
59.995	259.1098	0.8655
60.35	260.9631	0.8709
60.75	262.8165	0.8763
61	260.9275	0.8817
61.043	259.0742	0.8817
61.1	257.1852	0.8817
61.209	259.0742	0.8817
61.23	260.9275	0.8817
61.251	262.8165	0.8803
61.263	264.6698	0.8817

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.17	31.8319	2.0199
127.57	30.04049	2.0267
127.63	31.8319	2.0267
127.99	32.07305	2.0334
128.83	33.83	2.0442
129.99	35.62141	2.0618
129.99	35.62141	2.0618
131.54	33.83	2.0847
131.65	35.62141	2.0834
131.7	37.41282	2.0847
131.99	37.27501	2.0928
132.59	39.06642	2.0996
133.67	40.82338	2.1158
133.99	41.20233	2.1198
134.54	39.41092	2.1293
135.36	41.16788	2.1388
135.46	39.41092	2.1428
135.56	37.61952	2.1442
135.65	39.41092	2.1428
135.68	41.16788	2.1415
135.99	42.13248	2.1482
136.83	43.92389	2.159
137.73	45.68084	2.1725
137.99	46.40429	2.1779
139.99	47.19665	2.2076
140.76	48.98805	2.2171
141.47	47.19665	2.2292
141.52	45.40524	2.2306
141.59	43.64828	2.2306
141.7	45.40524	2.2306
141.72	47.19665	2.2279
141.74	48.98805	2.2279
141.75	50.77946	2.2292
141.99	51.60626	2.236
142.64	53.36321	2.2441
143.49	51.57181	2.2589
143.55	49.81485	2.2603
143.65	51.57181	2.2562
143.66	53.36321	2.2576
143.7	55.15462	2.2589
143.99	55.60247	2.2643
144.72	57.39388	2.2751
145.5	55.60247	2.2873
145.64	57.39388	2.2859
145.7	59.15083	2.2886
145.99	58.80633	2.294
146.59	60.56329	2.3021
147.37	62.35469	2.3129
147.99	63.6638	2.3224
148.85	65.42075	2.3359
149.69	67.21216	2.3467
149.99	67.31551	2.3521
150.87	69.07246	2.3642
151.69	70.86387	2.3764

UCS Test Results, Stage Three

S2N2-1		7 Days	S2N2-2		7 Days	S2N3-1		7 Days	S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
17.09	146.3766	0.4456	57.704	99.76944	0.8506	61.294	266.5231	0.8844	151.99	71.31172	2.3804
17.114	146.3766	0.4483	57.995	99.932	0.856	61.856	268.3764	0.8911	152.67	73.10313	2.3885
17.233	146.3766	0.4456	58.486	101.1396	0.8628	61.995	267.4854	0.8952	153.27	74.86008	2.398
17.272	146.3766	0.4469	58.862	102.3705	0.8668	62.051	269.3744	0.8952	153.52	73.10313	2.4034
17.61	149.4012	0.451	58.909	102.3705	0.8695	62.318	271.2277	0.8992	153.66	74.86008	2.4047
17.718	149.4012	0.4604	59.129	102.3705	0.8709	62.788	273.0811	0.9046	153.99	76.27254	2.4101
17.727	149.4012	0.4618	59.6	103.5781	0.8776	63.209	274.9344	0.9141	154.68	78.06394	2.4196
17.736	149.4012	0.4618	59.995	103.9729	0.8844	63.546	276.7877	0.9168	155.7	79.8209	2.4331
17.745	149.4012	0.4618	60.338	105.1806	0.8884	63.712	278.641	0.9182	155.99	80.40655	2.4385
17.751	149.4012	0.4618	61.137	106.3882	0.9019	63.766	276.7877	0.9195	156.78	82.1635	2.4507
17.759	149.4012	0.4631	61.696	107.5959	0.9073	63.892	278.641	0.9222	157.56	80.40655	2.4628
17.768	149.4012	0.4618	61.995	107.5959	0.9155	63.995	278.8905	0.9236	157.65	82.1635	2.4615
17.777	149.4012	0.4631	62.043	107.5959	0.9168	64.374	280.7439	0.929	157.68	83.95491	2.4615
17.786	149.4012	0.4618	62.082	107.5959	0.9155	64.712	282.5972	0.933	157.99	84.29941	2.4669
17.796	149.4012	0.4631	62.136	107.5959	0.9168	65.099	280.7082	0.9398	158.29	86.05637	2.4723
17.807	149.4012	0.4631	62.295	107.5959	0.9155	65.215	282.5972	0.9384	159.05	87.84777	2.4831
17.818	149.4012	0.4631	62.317	107.5959	0.9155	65.237	284.4505	0.9398	159.43	86.05637	2.4898
17.829	149.4012	0.4631	62.334	107.5959	0.9141	65.452	286.3038	0.9452	159.65	87.84777	2.4898
17.847	149.4012	0.4591	62.348	108.1532	0.9155	65.851	288.1572	0.9506	159.68	89.60473	2.4898
17.892	149.4012	0.4591	62.937	109.3609	0.9276	65.995	288.2641	0.9533	159.99	89.36358	2.4952
17.97	149.4012	0.4523	63.562	110.5685	0.9357	66.773	290.1174	0.9641	160.18	91.15498	2.5006
17.979	149.4012	0.4564	63.799	111.7761	0.9384	67.044	288.2285	0.9681	160.25	89.36358	2.5006
17.989	149.4012	0.455	63.995	111.7761	0.9425	67.202	290.0818	0.9681	160.35	91.15498	2.502
17.999	149.4012	0.455	64.028	111.7761	0.9438	67.275	291.9708	0.9695	161.03	92.91194	2.5101
18.01	149.4012	0.4523	64.068	111.7761	0.9438	67.573	293.8241	0.9735	161.44	91.12053	2.5195
18.02	149.4012	0.4496	64.112	111.7761	0.9452	67.878	295.6418	0.9789	161.51	89.36358	2.5195
18.03	149.4012	0.4496	64.311	111.7761	0.9452	67.994	295.7843	0.9816	161.58	87.57217	2.5195
18.037	149.4012	0.4523	64.33	111.7761	0.9452	68.177	297.6377	0.983	161.65	89.36358	2.5195
18.042	149.4012	0.4496	64.349	111.7761	0.9452	68.554	299.491	0.9884	161.67	91.12053	2.5182
18.05	149.4012	0.4537	64.361	111.9387	0.9438	68.851	301.3443	0.9938	161.7	92.91194	2.5182
18.059	149.4012	0.4523	64.376	111.9387	0.9465	69.242	303.1977	0.9992	161.72	94.66889	2.5195
18.068	149.4012	0.451	64.514	111.9387	0.9506	69.376	305.051	1.0005	161.99	94.66889	2.5263
18.077	149.4012	0.451	64.875	113.1463	0.9546	69.755	306.9043	1.0073	162.3	96.42585	2.5303
18.083	149.4012	0.455	65.518	114.354	0.9641	69.994	307.0112	1.01	163.26	98.21725	2.5438
18.091	149.4012	0.455	65.877	115.5616	0.9695	70.336	308.8646	1.014	163.69	99.97421	2.5492
18.102	151.1702	0.4564	65.995	115.5616	0.9735	70.502	310.7179	1.0167	163.99	100.0776	2.5546
18.123	154.1948	0.4604	66.058	115.5616	0.9735	70.866	308.8289	1.0235	164.59	101.869	2.5627
18.501	157.1623	0.4672	66.214	115.5616	0.9722	71.197	310.7179	1.0248	165.33	103.6259	2.5735
18.729	160.1868	0.4712	66.444	115.8635	0.9776	71.29	312.5712	1.0275	165.49	101.8345	2.5762
18.968	160.1868	0.4739	67.27	117.0712	0.9884	71.679	314.3889	1.0356	165.64	103.6259	2.5789
19.025	160.1868	0.4712	67.689	118.2788	0.9951	71.994	315.3869	1.0383	165.71	105.3829	2.5803
19.178	163.1543	0.4793	67.994	118.2788	1.0019	72.314	317.2402	1.0437	165.99	104.7972	2.5843
19.306	163.1543	0.4793	68.065	118.2788	1.0019	72.531	319.0935	1.0478	166.46	106.5542	2.5897
19.433	163.1543	0.478	68.151	118.2788	1.0019	73.193	320.9469	1.0545	167.06	108.3456	2.5978
19.495	166.1788	0.4793	68.176	118.6736	1.0032	73.267	322.8002	1.0559	167.55	106.5542	2.6059
19.623	166.1788	0.4847	68.889	119.8812	1.014	73.493	324.6535	1.0613	167.63	108.3111	2.6059
19.689	166.1788	0.4834	69.308	121.0889	1.0181	73.973	326.4712	1.0667	167.68	110.1025	2.6073
19.721	166.1788	0.4874	69.74	122.2965	1.0248	73.994	326.7207	1.068	167.99	110.447	2.6127
19.734	166.1788	0.4888	69.994	122.2965	1.0302	74.238	328.6097	1.0707	168.5	112.204	2.6194
19.746	166.1788	0.4901	70.682	123.5042	1.0356	74.516	330.4274	1.0761	169.16	113.961	2.6302
19.756	166.1788	0.4901	71.195	124.7118	1.0464	74.603	328.574	1.0761	169.53	112.204	2.6356
19.766	166.1788	0.4915	71.706	125.9194	1.0532	74.65	330.4274	1.0788	169.62	113.961	2.6343
19.776	166.1788	0.4901	71.994	125.9194	1.0599	75.191	332.2807	1.0842	169.69	115.7524	2.6356
19.785	166.1788	0.4915	72.038	125.9194	1.0599	75.274	334.134	1.0842	169.99	116.2002	2.6397

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
19.795	166.1788	0.4901
19.805	166.1788	0.4915
19.815	166.1788	0.4901
19.825	166.1788	0.4901
19.837	166.1788	0.4915
19.853	166.1788	0.4901
19.867	166.1788	0.4901
19.887	166.1788	0.4901
19.976	166.1788	0.4847
19.987	166.1788	0.4861
19.998	166.1788	0.4847
20.016	166.1788	0.4793
20.023	166.1788	0.4847
20.028	166.1788	0.4807
20.036	166.1788	0.478
20.041	166.1788	0.4793
20.046	166.1788	0.4793
20.053	166.1788	0.4807
20.058	166.1788	0.4793
20.066	166.1788	0.4807
20.074	166.1788	0.4834
20.08	166.1788	0.482
20.09	166.1788	0.482
20.099	168.3474	0.4888
20.139	171.3719	0.4901
20.51	174.3394	0.4955
20.868	177.3639	0.4996
20.996	177.3639	0.5036
21.043	177.3639	0.5009
21.159	177.3639	0.5063
21.268	177.3639	0.509
21.318	180.3314	0.5063
21.697	183.356	0.5171
21.711	183.356	0.5171
21.722	183.356	0.5185
21.732	183.356	0.5185
21.743	183.356	0.5198
21.753	183.356	0.5185
21.762	183.356	0.5198
21.772	183.356	0.5198
21.781	183.356	0.5198
21.788	183.356	0.5198
21.796	183.356	0.5212
21.805	183.356	0.5198
21.814	183.356	0.5198
21.824	183.356	0.5212
21.835	183.356	0.5212
21.847	183.356	0.5198
21.865	183.356	0.5185
21.983	183.356	0.5158
21.998	183.356	0.5117
22.005	183.356	0.5117
22.013	183.356	0.509
22.021	183.356	0.5131

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
72.101	125.9194	1.0599
72.239	125.9194	1.0586
72.257	125.9194	1.0599
72.691	126.0588	1.068
72.818	126.0588	1.068
72.882	126.0588	1.068
72.91	126.0588	1.0734
72.961	126.0588	1.0734
73.261	126.0588	1.0775
73.298	126.0588	1.0775
73.34	126.0588	1.0788
73.509	126.0588	1.0788
73.806	126.0588	1.0842
73.994	126.0588	1.0883
74.206	126.0588	1.091
74.595	126.0588	1.095
75.209	127.22	1.1045
75.641	128.4276	1.1099
75.865	129.6585	1.1126
75.929	129.6585	1.1153
75.994	129.6585	1.118
76.284	129.6585	1.1207
76.633	130.8429	1.1261
76.697	130.8429	1.1274
76.818	130.8429	1.1261
77.298	132.0505	1.1315
77.72	133.2582	1.1409
77.994	133.2582	1.1463
78.101	133.653	1.1477
78.195	133.653	1.1463
78.251	133.653	1.149
78.702	134.8606	1.1558
78.871	134.8606	1.1585
79.011	134.8606	1.1585
79.204	136.0682	1.1625
79.27	136.0682	1.1639
79.337	136.0682	1.1625
79.839	137.2526	1.172
79.993	137.2526	1.1733
80.24	138.228	1.176
80.348	138.228	1.1801
80.455	138.228	1.1801
80.533	138.228	1.1828
80.575	138.228	1.1841
81.139	139.4125	1.1895
81.309	139.4125	1.1963
81.33	139.4125	1.1963
81.351	139.4125	1.1949
81.389	139.4125	1.1976
81.412	139.4125	1.1976
81.465	139.4125	1.1976
81.484	139.4125	1.1963
81.624	139.4125	1.199
81.724	139.4125	1.1963

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
75.377	335.9873	1.0869
75.777	337.8407	1.0937
75.994	338.6961	1.0964
76.41	340.5494	1.1018
76.689	342.4027	1.1072
77.084	340.5138	1.1139
77.23	342.3671	1.1112
77.249	344.2204	1.1139
77.273	346.1094	1.1139
77.516	347.9627	1.1193
77.917	349.7804	1.1247
77.994	349.7804	1.1261
78.315	351.6337	1.1301
78.514	353.4871	1.1342
79.189	355.3404	1.1409
79.269	357.1937	1.1423
79.575	359.0114	1.149
79.824	360.8647	1.1517
79.993	360.6153	1.1558
80.181	362.4686	1.1571
80.489	364.3219	1.1625
80.795	366.1752	1.1666
80.974	364.2863	1.1706
81.026	362.4329	1.172
81.165	364.2863	1.1706
81.193	366.1396	1.172
81.255	368.0286	1.172
81.299	369.8819	1.1733
81.675	371.6996	1.1801
81.993	372.056	1.1841
82.178	373.9093	1.1868
82.396	375.7627	1.1895
82.794	377.616	1.1963
82.981	375.727	1.1976
83.153	377.5804	1.2003
83.194	379.4693	1.2003
83.294	381.3227	1.2017
83.417	383.176	1.2057
83.484	381.287	1.2071
83.634	383.176	1.2071
83.899	384.9937	1.2111
83.993	384.2452	1.2125
84.216	386.0985	1.2179
84.514	387.9519	1.2206
84.781	389.8052	1.2247
84.959	387.9162	1.226
85.169	389.7696	1.2301
85.292	391.6229	1.2314
85.394	393.4762	1.2328
85.672	395.3296	1.2382
85.993	396.2919	1.2422
86.398	398.1452	1.2476
86.714	399.9985	1.253
87.02	398.1095	1.2584

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
170.48	117.9916	2.6478
171.17	119.7486	2.6586
171.53	117.9572	2.6653
171.63	119.7141	2.6653
171.72	121.5055	2.6667
171.99	121.6089	2.6707
172.58	123.3658	2.6788
173.16	125.1228	2.6883
173.47	123.3658	2.6937
173.52	121.5744	2.6937
173.57	119.8175	2.695
173.65	121.5744	2.6923
173.67	123.3658	2.6923
173.69	125.1228	2.6923
173.71	126.9142	2.6937
173.99	127.1209	2.7004
174.38	128.9123	2.7058
175	130.6693	2.7139
175.69	132.4262	2.7234
175.99	132.6674	2.7288
176.57	134.4243	2.7369
177.18	136.1813	2.745
177.7	137.9382	2.7518
177.99	138.3861	2.7585
178.42	140.1775	2.7626
179.09	141.9344	2.772
179.45	140.143	2.7801
179.5	138.3861	2.7815
179.53	136.5947	2.7815
179.59	134.8377	2.7815
179.67	136.5947	2.7801
179.69	138.3861	2.7788
179.7	140.143	2.7774
179.72	141.9344	2.7788
179.74	143.6914	2.7801
179.86	145.4483	2.7855
179.99	145.2072	2.7869
180.64	146.9642	2.7963
181.25	148.7211	2.8044
181.69	150.4781	2.8112
181.99	151.2015	2.8152
182.62	152.9585	2.8247
183.12	154.7154	2.8314
183.65	156.4724	2.8409
183.99	156.8169	2.8449
184.33	158.5738	2.849
184.95	160.3308	2.8584
185.29	162.0877	2.8638
185.4	160.3308	2.8665
185.54	158.5394	2.8679
185.61	160.3308	2.8665
185.67	162.0877	2.8679
185.75	163.8447	2.8706
185.98	164.327	2.8746

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
22.026	183.356	0.5104
22.034	183.356	0.5104
22.04	183.356	0.5077
22.045	183.356	0.5077
22.052	183.356	0.509
22.057	183.356	0.509
22.066	183.356	0.509
22.073	183.356	0.509
22.081	183.356	0.5104
22.088	183.356	0.5131
22.097	183.356	0.5117
22.115	186.3234	0.5171
22.362	189.348	0.5212
22.793	192.3155	0.5279
23.091	195.34	0.532
23.144	195.34	0.5347
23.293	195.34	0.5374
23.439	198.3075	0.5374
23.516	198.3075	0.5401
23.642	198.3075	0.5414
23.71	198.3075	0.5468
23.722	198.3075	0.5468
23.733	198.3075	0.5468
23.742	198.3075	0.5468
23.753	198.3075	0.5482
23.763	198.3075	0.5482
23.772	198.3075	0.5495
23.781	198.3075	0.5495
23.79	198.3075	0.5495
23.798	198.3075	0.5482
23.804	198.3075	0.5495
23.813	198.3075	0.5509
23.823	198.3075	0.5509
23.834	198.3075	0.5509
23.847	198.3075	0.5482
23.861	198.3075	0.5482
23.884	198.3075	0.5455
23.979	198.3075	0.5441
23.998	198.3075	0.5401
24.005	198.3075	0.5428
24.012	198.3075	0.5374
24.02	198.3075	0.5401
24.024	198.3075	0.536
24.03	198.3075	0.5387
24.034	198.3075	0.536
24.04	198.3075	0.5387
24.044	198.3075	0.5374
24.05	198.3075	0.5374
24.056	198.3075	0.536
24.062	198.3075	0.5387
24.07	198.3075	0.5374
24.075	198.3075	0.536
24.083	198.3075	0.5387
24.091	198.3075	0.5428

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
81.746	139.4125	1.1976
81.765	139.4125	1.1963
81.777	139.4125	1.1949
81.792	139.4125	1.1976
81.8	139.4125	1.1963
81.814	139.4125	1.1963
81.837	139.4125	1.1976
81.91	140.6201	1.2017
81.943	140.6201	1.203
81.993	140.6201	1.203
82.268	140.6201	1.2071
82.555	141.4097	1.2111
83.168	142.6173	1.2206
83.656	143.825	1.226
83.728	143.825	1.2287
83.795	143.825	1.2287
83.993	144.7772	1.2314
84.118	144.7772	1.2355
84.202	144.7772	1.2355
84.454	145.9848	1.2368
84.484	145.9848	1.2409
84.694	145.9848	1.2422
84.96	147.1924	1.2463
84.997	147.1924	1.2476
85.041	147.1924	1.2463
85.164	147.1924	1.2463
85.185	147.1924	1.2503
85.505	148.4001	1.253
85.57	148.4001	1.2544
85.729	148.4001	1.2557
85.993	148.4001	1.2625
86.07	149.2593	1.2638
86.176	149.2593	1.2652
86.32	149.2593	1.2652
86.602	150.467	1.2692
86.643	150.467	1.2706
86.713	150.467	1.2719
87.152	151.6746	1.2773
87.533	152.8823	1.2827
87.598	152.8823	1.2854
87.746	152.8823	1.2868
87.993	153.1842	1.2895
88.137	154.3918	1.2908
88.2	154.3918	1.2922
88.277	154.3918	1.2935
88.649	155.5994	1.2989
88.705	155.5994	1.3016
88.777	155.5994	1.303
88.865	155.5994	1.2989
88.883	155.5994	1.2989
89.232	156.7839	1.3084
89.598	156.7839	1.3151
89.698	156.7839	1.3165
89.835	156.7839	1.3151

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
87.154	399.9629	1.2584
87.206	401.8162	1.2611
87.289	403.6695	1.2611
87.554	405.5229	1.2652
87.893	407.3762	1.2706
87.993	406.6277	1.2706
88.19	408.4811	1.2733
88.458	410.3344	1.276
88.858	412.1521	1.2827
89.004	410.2631	1.2854
89.132	412.1521	1.2868
89.205	413.9698	1.2895
89.37	415.8587	1.2908
89.657	417.6764	1.2962
89.702	415.8231	1.2962
89.767	417.6764	1.2976
89.993	419.1377	1.3003
90.351	420.991	1.3057
90.61	422.8444	1.3084
91.201	424.6621	1.3178
91.264	426.5154	1.3178
91.479	428.3687	1.3232
91.7	426.4798	1.3246
91.785	428.3687	1.3246
91.818	430.2221	1.3259
91.992	430.5785	1.33
92.217	432.3962	1.3327
92.606	434.2495	1.3381
92.99	432.3605	1.3435
93.062	430.5072	1.3448
93.178	432.3605	1.3435
93.189	434.2138	1.3435
93.199	436.0672	1.3462
93.251	437.9205	1.3462
93.507	439.7738	1.3516
93.792	441.6272	1.3556
93.992	441.841	1.3583
94.184	443.6943	1.361
94.449	445.5477	1.3637
94.83	447.3654	1.3691
94.957	445.512	1.3732
95.188	447.3654	1.3718
95.207	449.2187	1.3772
95.533	451.0364	1.3813
95.893	452.8897	1.3853
95.992	453.1392	1.3867
96.344	454.9569	1.3921
96.509	456.8102	1.3948
96.984	454.9212	1.4015
97.073	456.7746	1.4015
97.194	458.6279	1.4056
97.267	460.4812	1.4042
97.545	462.2989	1.4096
97.912	464.1522	1.4137

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
186.04	162.5356	2.8746
186.22	164.327	2.876
186.67	166.084	2.8841
187.3	167.8409	2.8908
187.44	166.0495	2.8949
187.57	167.8065	2.8962
187.69	169.5979	2.8989
187.98	170.0457	2.903
188.51	171.8027	2.9084
188.99	173.5596	2.9165
189.49	171.7682	2.9246
189.61	173.5596	2.9232
189.63	175.3166	2.9259
189.83	177.0735	2.93
189.98	176.2467	2.9313
190.35	178.0037	2.9354
190.92	179.7607	2.9448
191.47	177.9692	2.9543
191.62	179.7607	2.9516
191.64	181.5176	2.957
191.82	183.2746	2.9583
191.98	182.9301	2.961
192.44	184.687	2.9664
192.96	186.444	2.9745
193.43	184.6526	2.9813
193.64	186.4095	2.9826
193.68	188.1665	2.984
193.94	189.9234	2.9894
193.98	189.4756	2.988
194.38	191.2325	2.9961
195.06	192.9895	3.0042
195.47	191.1981	3.0123
195.58	192.955	3.011
195.65	194.712	3.015
195.94	196.469	3.0191
195.98	196.1245	3.0177
196.38	197.8814	3.0245
196.99	199.6384	3.0339
197.66	201.3953	3.0407
197.82	203.1523	3.0461
197.98	202.7733	3.0461
198.4	201.0164	3.0529
199.12	202.7389	3.0637
199.46	200.9819	3.0704
199.52	199.1905	3.0704
199.61	200.9819	3.0677
199.63	202.7389	3.0677
199.66	204.4958	3.0704
199.76	206.2528	3.0718
199.98	206.4939	3.0758
200.26	208.2509	3.0799
200.72	210.0078	3.0866
201.3	211.7648	3.0961
201.51	209.9734	3.0974

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
24.099	200.8755	0.5455
24.166	203.9	0.5482
24.587	206.8675	0.5549
24.631	206.8675	0.5549
24.719	206.8675	0.5549
25.016	209.8921	0.5617
25.308	209.8921	0.5684
25.385	209.8921	0.563
25.493	212.8595	0.5657
25.724	212.8595	0.5765
25.732	212.8595	0.5752
25.739	212.8595	0.5779
25.748	212.8595	0.5779
25.757	212.8595	0.5792
25.765	212.8595	0.5779
25.77	212.8595	0.5792
25.778	212.8595	0.5792
25.785	212.8595	0.5792
25.79	212.8595	0.5792
25.798	212.8595	0.5792
25.806	212.8595	0.5779
25.815	212.8595	0.5779
25.826	212.8595	0.5779
25.838	212.8595	0.5779
25.849	212.8595	0.5765
25.864	212.8595	0.5752
25.948	212.8595	0.5725
25.97	212.8595	0.5711
25.979	212.8595	0.5725
25.995	212.8595	0.5725
25.998	212.8595	0.5725
26.003	212.8595	0.5711
26.02	212.8595	0.5671
26.028	212.8595	0.5671
26.032	212.8595	0.5671
26.037	212.8595	0.5684
26.041	212.8595	0.5698
26.046	212.8595	0.5657
26.051	212.8595	0.5657
26.057	212.8595	0.5657
26.061	212.8595	0.5657
26.069	212.8595	0.5644
26.074	212.8595	0.5657
26.08	212.8595	0.5657
26.085	212.8595	0.5684
26.09	213.8868	0.5698
26.101	216.8542	0.5725
26.124	219.8217	0.5792
26.665	222.8463	0.5833
26.994	225.8137	0.5873
27.288	228.8383	0.5941
27.668	231.8058	0.5981
27.702	231.8058	0.6049
27.712	231.8058	0.6049

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
89.855	156.7839	1.3151
89.889	157.9915	1.3165
89.993	157.9915	1.3192
90.37	158.7811	1.3259
90.456	158.7811	1.3259
90.523	158.7811	1.3246
90.851	159.9887	1.3327
91.003	159.9887	1.3354
91.148	159.9887	1.3354
91.251	161.1964	1.3354
91.307	161.1964	1.3394
91.338	161.1964	1.3381
91.431	161.1964	1.3408
91.506	161.1964	1.3408
91.648	161.1964	1.3435
91.675	161.1964	1.3462
91.697	161.1964	1.3462
91.735	161.1964	1.3462
91.758	161.1964	1.3462
91.927	161.1964	1.3448
91.948	161.1964	1.3448
91.967	161.1964	1.3448
91.985	161.1964	1.3448
91.992	161.1964	1.3462
92.076	162.0557	1.3502
92.21	163.2633	1.3529
92.239	163.2633	1.3529
92.298	163.2633	1.3543
92.333	163.2633	1.3543
92.384	163.2633	1.3529
92.39	163.2633	1.3543
92.52	163.2633	1.3529
92.542	163.2633	1.3516
92.554	163.2633	1.3529
92.571	163.2633	1.3516
92.737	163.2633	1.3583
92.848	164.4709	1.361
92.906	164.4709	1.3624
93.042	164.4709	1.3624
93.281	164.4709	1.3664
93.349	164.4709	1.3678
93.573	165.6554	1.3718
93.904	166.863	1.3759
93.931	166.863	1.3759
93.992	166.863	1.3759
94.149	166.9327	1.3786
94.57	168.1403	1.384
94.664	168.1403	1.3894
94.739	168.1403	1.3894
94.849	168.1403	1.3867
94.877	168.1403	1.3907
95.078	169.3479	1.3934
95.148	169.3479	1.3948
95.292	169.3479	1.3961

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.992	464.1522	1.4164
98.23	466.0056	1.4191
98.559	467.8233	1.4245
98.908	469.641	1.4299
98.961	467.7876	1.4285
99.062	465.9343	1.4326
99.169	467.7876	1.4312
99.19	469.641	1.4339
99.264	471.4943	1.4339
99.397	473.3476	1.4366
99.474	471.4943	1.4366
99.51	473.3476	1.4366
99.807	475.1653	1.442
99.992	474.7733	1.4447
100.19	476.6266	1.4474
100.59	478.4799	1.4528
101.19	480.2976	1.4609
101.29	482.1153	1.4636
101.54	483.9686	1.4677
101.83	485.7863	1.4731
101.99	486.0358	1.4744
102.23	487.8891	1.4771
102.52	489.7068	1.4812
102.91	491.5601	1.4879
102.94	489.6712	1.4893
102.98	487.8178	1.4893
103.02	485.9645	1.4906
103.08	484.1112	1.4906
103.19	485.9645	1.4893
103.21	487.8178	1.4906
103.21	489.8137	1.4879
103.22	491.774	1.4906
103.22	493.6273	1.492
103.29	491.774	1.4933
103.37	489.885	1.4947
103.43	491.774	1.4933
103.45	493.6273	1.4947
103.64	495.445	1.4987
103.99	496.0509	1.5028
104.12	497.9042	1.5055
104.73	499.7219	1.5149
105.07	497.833	1.519
105.17	499.6863	1.5176
105.24	501.5396	1.5203
105.34	503.3929	1.5217
105.88	505.2106	1.5298
105.99	504.9255	1.5325
106.35	506.7788	1.5379
106.68	508.5965	1.5406
107.17	510.4499	1.5474
107.24	512.2675	1.5487
107.45	514.1209	1.5541
107.78	515.9386	1.5582
107.99	516.4375	1.5609

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
201.56	211.7304	3.0988
201.68	213.5218	3.1001
201.98	215.2787	3.1055
201.98	214.6586	3.1069
202.42	216.4156	3.1109
202.9	218.1725	3.119
202.93	216.4156	3.119
203.01	218.1725	3.119
203.65	219.9295	3.1285
203.72	221.6864	3.1298
203.98	222.0309	3.1339
204.44	223.7879	3.142
204.92	225.5104	3.1474
205.46	223.7534	3.1555
205.62	225.5104	3.1541
205.64	227.2674	3.1582
205.8	229.0243	3.1595
205.98	229.2655	3.1622
206.51	230.988	3.1703
206.92	232.7449	3.1771
207.49	230.9535	3.1852
207.6	232.7449	3.1852
207.63	234.5019	3.1879
207.75	236.2588	3.1892
207.84	234.4674	3.1919
207.91	236.2588	3.1906
207.98	235.5354	3.1933
208.28	237.2923	3.196
208.65	239.0493	3.2014
209.18	240.8062	3.2081
209.2	239.0148	3.2122
209.2	237.1201	3.2122
209.2	235.2598	3.2122
209.21	233.5028	3.2108
209.24	231.7114	3.2135
209.27	229.9545	3.2122
209.36	228.1975	3.2135
209.4	226.4405	3.2135
209.45	224.6491	3.2149
209.48	222.8922	3.2149
209.64	224.6836	3.2135
209.66	226.4405	3.2135
209.66	228.1975	3.2149
209.67	229.9545	3.2122
209.68	231.7114	3.2122
209.69	233.5028	3.2095
209.7	235.2598	3.2122
209.71	237.0167	3.2122
209.72	238.7737	3.2108
209.73	240.5306	3.2135
209.73	242.2876	3.2149
209.75	244.079	3.2162
209.98	243.8034	3.2203
210.62	245.5604	3.2297

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
27.717	231.8058	0.6062
27.725	231.8058	0.6076
27.734	231.8058	0.6062
27.742	231.8058	0.6062
27.748	231.8058	0.6076
27.755	231.8058	0.6076
27.763	231.8058	0.6076
27.768	231.8058	0.609
27.775	231.8058	0.609
27.779	231.8058	0.6076
27.786	231.8058	0.609
27.794	231.8058	0.6076
27.803	231.8058	0.6076
27.812	231.8058	0.6062
27.819	231.8058	0.6062
27.836	231.8058	0.6035
27.879	231.8058	0.6035
27.946	231.8058	0.6008
27.964	231.8058	0.6008
27.974	231.8058	0.6022
27.994	231.8058	0.5968
27.998	231.8058	0.5954
28.006	231.8058	0.5954
28.011	231.8058	0.5968
28.016	231.8058	0.5954
28.022	231.8058	0.5941
28.026	231.8058	0.5954
28.031	231.8058	0.5968
28.036	231.8058	0.5981
28.042	231.8058	0.5954
28.047	231.8058	0.5941
28.056	231.8058	0.5968
28.06	231.8058	0.5954
28.066	231.8058	0.5981
28.073	231.8058	0.5995
28.084	231.8058	0.5995
28.097	233.4036	0.6062
28.162	236.3711	0.6049
28.561	239.3957	0.6144
28.596	239.3957	0.6144
28.677	239.3957	0.6144
28.723	239.3957	0.6144
28.764	239.3957	0.613
28.97	242.3631	0.6184
29.21	242.3631	0.6238
29.265	242.3631	0.6198
29.43	245.3306	0.6252
29.7	245.3306	0.6333
29.71	245.3306	0.6333
29.72	245.3306	0.6346
29.73	245.3306	0.6346
29.736	245.3306	0.6346
29.744	245.3306	0.636
29.752	245.3306	0.636

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
95.512	170.5323	1.4002
95.548	170.5323	1.4002
95.818	170.5323	1.4029
95.992	170.9272	1.4069
96.554	172.1348	1.4137
96.976	173.3192	1.4204
97.456	174.5268	1.4272
97.992	175.1539	1.4339
98.093	176.3615	1.4366
98.138	176.3615	1.4393
98.232	176.3615	1.4393
98.329	176.3615	1.438
98.512	176.3615	1.442
99.095	177.5459	1.4515
99.569	178.7536	1.4569
99.992	178.7536	1.465
100.28	179.938	1.4677
100.84	181.1456	1.4758
101.27	182.33	1.4825
101.85	183.5377	1.4906
101.99	183.5377	1.4933
102.55	184.7221	1.5001
103.15	185.9297	1.5095
103.22	185.9297	1.5109
103.28	185.9297	1.5109
103.99	185.9297	1.5217
104.99	186.9284	1.5366
105.99	187.1374	1.5514
106.49	188.3218	1.5582
107.03	189.5294	1.5649
107.09	189.5294	1.5676
107.45	189.5294	1.573
107.79	190.7138	1.5771
107.99	190.7138	1.5798
108.27	190.7138	1.5838
109.51	190.7138	1.6014
109.99	190.7371	1.6081
110.07	191.9447	1.6108
110.12	191.9447	1.6122
110.27	191.9447	1.6135
110.73	193.1291	1.6203
111.16	194.3135	1.6257
111.55	195.5212	1.6311
111.99	195.9856	1.6378
112.27	197.1933	1.6419
112.62	198.3777	1.6486
113.11	199.5853	1.654
113.92	200.7697	1.6662
113.99	200.7697	1.6662
114.22	201.2342	1.6702
114.63	201.2342	1.677
114.7	201.2342	1.6756
115.46	201.2342	1.6878
115.91	201.2342	1.6945

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
108.37	518.2552	1.5663
108.56	520.1086	1.569
108.97	518.2196	1.5757
109.11	520.0729	1.5771
109.18	521.9262	1.5771
109.25	523.7439	1.5784
109.43	521.8906	1.5811
109.48	523.7439	1.5811
109.79	525.5616	1.5865
109.99	526.5596	1.5892
110.44	528.3773	1.5973
110.76	530.195	1.6014
110.95	528.3416	1.6041
111.05	526.4527	1.6054
111.13	528.306	1.6054
111.16	530.1593	1.6054
111.24	532.0126	1.6068
111.43	533.8303	1.6122
111.72	535.6837	1.6149
111.99	535.2916	1.6189
112.12	537.1449	1.6203
112.52	538.9626	1.627
112.74	540.816	1.6297
112.82	538.927	1.6311
112.9	540.7803	1.6324
113.08	538.927	1.6338
113.19	540.7803	1.6351
113.21	542.6336	1.6351
113.59	544.4513	1.6419
113.99	544.2731	1.6473
114.05	546.1265	1.6473
114.37	547.9798	1.6527
114.73	549.7975	1.6594
114.96	547.9085	1.6635
115.11	549.7618	1.6635
115.23	551.6152	1.6662
115.37	553.4329	1.6675
115.99	554.2526	1.677
116.61	556.0703	1.6851
117	554.1813	1.6918
117.14	556.0346	1.6932
117.22	557.8523	1.6945
117.27	559.7057	1.6959
117.72	561.5234	1.7013
117.99	562.7352	1.7067
118.31	564.5885	1.7094
118.75	566.4062	1.7161
118.95	564.5172	1.7202
119.18	566.3349	1.7242
119.25	568.2239	1.7229
119.32	570.0415	1.7242
119.7	571.8592	1.731
119.99	571.8592	1.735
120.16	573.6769	1.7377

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
211.08	247.3173	3.2378
211.66	249.0398	3.2446
211.86	250.7968	3.2486
211.98	251.0379	3.25
212.56	252.7604	3.2581
213.16	254.5174	3.2675
213.41	252.726	3.2716
213.6	254.5174	3.2716
213.64	256.2743	3.2729
213.9	257.9968	3.2783
213.98	257.549	3.2797
214.17	259.3059	3.281
214.82	261.0285	3.2905
215.14	262.7854	3.2972
215.39	261.0285	3.2986
215.58	262.751	3.304
215.66	264.5424	3.3026
215.98	265.5759	3.308
216.32	267.3328	3.3121
216.74	269.0553	3.3202
217.21	270.8123	3.3256
217.39	269.0209	3.3296
217.61	270.7778	3.331
217.7	272.5348	3.3323
217.98	273.4649	3.3364
218.5	275.2219	3.3459
218.82	276.9789	3.3486
219.62	278.7014	3.3607
219.74	280.4583	3.3621
219.98	280.8028	3.3648
220.41	282.5253	3.3729
220.75	284.2823	3.3783
221.24	286.0392	3.3837
221.4	284.2478	3.3891
221.46	282.4909	3.3891
221.55	284.2478	3.3877
221.64	286.0048	3.3877
221.67	287.7617	3.3904
221.98	288.7952	3.3958
222.23	290.5522	3.3985
222.58	292.3092	3.4039
222.94	294.0317	3.4093
223.38	292.2747	3.4161
223.48	290.4833	3.4188
223.61	292.2747	3.4161
223.62	294.0317	3.4188
223.66	295.7886	3.4174
223.69	297.5456	3.4201
223.98	298.5791	3.4242
224.41	300.336	3.4309
224.47	298.5446	3.4309
224.54	300.3016	3.4309
224.83	302.0585	3.4363
225.61	303.781	3.4471

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
29.759	245.3306	0.636
29.764	245.3306	0.6373
29.772	245.3306	0.6373
29.779	245.3306	0.6373
29.784	245.3306	0.6373
29.792	245.3306	0.636
29.798	245.3306	0.6373
29.806	245.3306	0.6373
29.815	245.3306	0.636
29.826	245.3306	0.6346
29.842	245.3306	0.6319
29.877	245.3306	0.6319
29.951	245.3306	0.6252
29.961	245.3306	0.6279
29.966	245.3306	0.6292
29.975	245.3306	0.6292
29.991	245.3306	0.6292
29.998	245.3306	0.6265
30.005	245.3306	0.6225
30.011	245.3306	0.6252
30.015	245.3306	0.6238
30.02	245.3306	0.6238
30.024	245.3306	0.6238
30.028	245.3306	0.6238
30.033	245.3306	0.6225
30.039	245.3306	0.6238
30.044	245.3306	0.6252
30.05	245.3306	0.6238
30.055	245.3306	0.6252
30.062	245.3306	0.6279
30.067	245.3306	0.6265
30.076	246.7573	0.6292
30.086	249.7248	0.6333
30.353	252.6922	0.6373
30.753	255.7168	0.6454
31.223	258.6843	0.6495
31.591	261.6518	0.6549
31.702	261.6518	0.6643
31.71	261.6518	0.6643
31.72	261.6518	0.6657
31.729	261.6518	0.6643
31.735	261.6518	0.663
31.741	261.6518	0.6657
31.749	261.6518	0.6657
31.756	261.6518	0.663
31.762	261.6518	0.667
31.77	261.6518	0.667
31.775	261.6518	0.6657
31.781	261.6518	0.667
31.788	261.6518	0.6657
31.792	261.6518	0.667
31.8	261.6518	0.667
31.81	261.6518	0.6657
31.819	261.6518	0.6643

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
115.99	202.2328	1.6959
116.39	203.4405	1.6999
116.5	203.4405	1.7053
116.63	203.4405	1.704
116.67	204.6249	1.7067
117.23	205.8325	1.7134
117.49	207.0169	1.7188
117.7	207.0169	1.7229
117.72	207.0169	1.7229
117.74	207.0169	1.7242
117.77	207.0169	1.7242
117.8	207.0169	1.7242
117.82	207.0169	1.7256
117.84	207.0169	1.7256
117.86	207.0169	1.7256
117.89	207.0169	1.7242
117.92	207.0169	1.7242
117.97	207.0169	1.7256
117.99	207.0169	1.7256
118.07	207.0169	1.7242
118.09	207.0169	1.7229
118.11	207.0169	1.7242
118.12	207.0169	1.7242
118.13	207.0169	1.7242
118.14	207.0169	1.7215
118.15	207.0169	1.7202
118.16	207.0169	1.7202
118.16	207.0169	1.7215
118.17	207.0169	1.7215
118.18	207.0169	1.7215
118.19	207.9691	1.7229
118.21	209.1767	1.7256
118.85	210.3612	1.735
119.37	211.5456	1.7445
119.67	211.5456	1.7499
119.87	211.5456	1.7526
119.99	212.6603	1.7526
120.16	213.868	1.7566
120.75	215.0524	1.7647
121.13	216.2368	1.7701
121.57	217.4444	1.7755
121.66	217.4444	1.7809
121.69	217.4444	1.7796
121.71	217.4444	1.7809
121.73	217.4444	1.7809
121.75	217.4444	1.7823
121.78	217.4444	1.7823
121.8	217.4444	1.7823
121.83	217.4444	1.7836
121.85	217.4444	1.7836
121.88	217.4444	1.7823
121.9	217.4444	1.7823
121.99	217.4444	1.7823
122.05	217.4444	1.7823

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
120.36	575.5303	1.7404
121.18	577.3123	1.7526
121.31	579.1656	1.7526
121.8	580.9477	1.7607
121.99	580.8051	1.7634
122.22	582.6584	1.7661
122.68	584.4761	1.7742
122.95	582.5872	1.7782
123.16	584.4405	1.7796
123.26	586.2582	1.7823
123.34	588.1115	1.7836
123.9	589.8936	1.7917
123.99	589.7866	1.7931
124.18	591.64	1.7944
124.78	593.422	1.8052
125.05	591.533	1.8079
125.17	593.3864	1.8093
125.26	595.2397	1.8106
125.56	597.0574	1.816
125.94	598.8751	1.8201
125.99	598.3761	1.8214
126.11	600.1938	1.8241
126.19	598.3405	1.8255
126.32	600.1938	1.8268
126.78	602.0115	1.8336
126.86	600.1582	1.8336
126.97	601.9758	1.8363
127.04	600.1225	1.839
127.13	598.2692	1.8377
127.17	600.1225	1.8377
127.2	601.9758	1.8377
127.22	603.8292	1.839
127.73	605.6112	1.8458
127.83	603.7579	1.8485
127.89	605.6112	1.8485
127.99	605.3617	1.8498
128.33	607.1794	1.8566
128.73	608.9971	1.862
128.91	607.1081	1.8633
129.19	608.9615	1.8674
129.29	610.7792	1.8687
129.62	612.5969	1.8741
129.99	612.5612	1.8795
130.45	614.3789	1.8863
130.85	616.1966	1.8917
131.23	618.0143	1.8971
131.44	619.832	1.9011
131.5	617.9786	1.9011
131.71	619.832	1.9038
131.99	618.6915	1.9092
132.17	620.5091	1.9106
132.49	622.3268	1.916
132.94	620.4379	1.9227
133.04	618.5845	1.9241

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
225.8	305.538	3.4498
225.98	305.538	3.4539
226.09	307.2949	3.4552
226.62	309.0175	3.462
226.84	310.7744	3.466
227.48	308.983	3.4755
227.56	310.74	3.4728
227.6	312.4969	3.4755
227.7	314.2539	3.4782
227.98	314.7017	3.4822
228.2	316.4587	3.4849
228.66	318.1812	3.4917
229.41	316.3898	3.5038
229.46	314.6328	3.5038
229.63	316.3898	3.5025
229.64	318.1467	3.5038
229.66	319.9037	3.5052
229.74	321.6606	3.5079
229.98	322.9353	3.5106
230.36	324.6578	3.516
230.8	326.4148	3.5227
231.2	328.1373	3.5295
231.41	326.3803	3.5322
231.47	324.6234	3.5322
231.53	322.8664	3.5335
231.61	324.6234	3.5335
231.64	326.3803	3.5322
231.65	328.1373	3.5322
231.66	329.8942	3.5335
231.85	331.6512	3.5376
231.98	332.3402	3.5403
232.4	334.0627	3.5457
232.72	335.8196	3.5511
233.17	337.5421	3.5578
233.37	335.7852	3.5605
233.43	333.9938	3.5632
233.47	332.2368	3.5619
233.6	334.0282	3.5605
233.61	335.7852	3.5605
233.63	337.5421	3.5605
233.65	339.2991	3.5619
233.67	341.0216	3.5646
233.98	341.6073	3.57
234.31	343.3298	3.574
234.79	345.0867	3.5808
235.09	346.8092	3.5848
235.66	348.5317	3.5929
235.9	350.2887	3.5956
235.98	350.5298	3.597
236.29	352.2523	3.6024
236.69	354.0093	3.6078
237.17	355.7318	3.6145
237.39	353.9404	3.6199
237.57	355.6973	3.6213

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
31.829	261.6518	0.663
31.843	261.6518	0.6616
31.942	261.6518	0.6589
31.958	261.6518	0.6549
31.963	261.6518	0.6549
31.97	261.6518	0.6589
31.98	261.6518	0.6589
31.99	261.6518	0.6549
31.997	261.6518	0.6549
32.001	261.6518	0.6508
32.005	261.6518	0.6535
32.01	261.6518	0.6522
32.014	261.6518	0.6522
32.019	261.6518	0.6535
32.023	261.6518	0.6522
32.029	261.6518	0.6522
32.034	261.6518	0.6508
32.04	261.6518	0.6549
32.044	261.6518	0.6535
32.051	261.6518	0.6576
32.06	261.6518	0.6589
32.069	263.4779	0.6589
32.084	266.4454	0.663
32.162	266.4454	0.6643
32.228	266.4454	0.6616
32.493	269.4128	0.667
32.589	269.4128	0.6711
32.7	269.4128	0.6711
32.894	272.4374	0.6738
33.247	272.4374	0.6792
33.292	272.4374	0.6778
33.355	275.4049	0.6819
33.696	275.4049	0.6913
33.706	275.4049	0.6927
33.716	275.4049	0.6927
33.725	275.4049	0.694
33.733	275.4049	0.6927
33.739	275.4049	0.694
33.747	275.4049	0.6954
33.755	275.4049	0.694
33.761	275.4049	0.6954
33.768	275.4049	0.694
33.776	275.4049	0.694
33.783	275.4049	0.694
33.789	275.4049	0.6954
33.796	275.4049	0.694
33.805	275.4049	0.694
33.81	275.4049	0.694
33.821	275.4049	0.694
33.831	275.4049	0.6927
33.852	275.4049	0.69
33.957	275.4049	0.6832
33.963	275.4049	0.6873
33.969	275.4049	0.6873

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
122.06	217.4444	1.7809
122.07	217.4444	1.7823
122.09	217.4444	1.7782
122.1	217.4444	1.7782
122.11	217.4444	1.7796
122.11	217.4444	1.7796
122.12	217.4444	1.7796
122.13	217.4444	1.7796
122.14	217.4444	1.7769
122.14	217.4444	1.7782
122.16	217.9089	1.7823
122.17	219.1165	1.7823
122.81	220.3009	1.7944
123.35	221.4854	1.8012
123.69	221.4854	1.8106
123.71	221.4854	1.8106
123.73	221.4854	1.812
123.74	221.4854	1.8106
123.76	221.4854	1.812
123.77	221.4854	1.812
123.79	221.4854	1.812
123.81	221.4854	1.8106
123.82	221.4854	1.812
123.84	221.4854	1.8133
123.85	221.4854	1.8133
123.87	221.4854	1.8133
123.88	221.4854	1.8133
123.89	221.4854	1.8133
123.9	221.4854	1.8133
123.93	221.4854	1.8133
123.94	221.4854	1.8133
123.98	221.4854	1.8133
123.99	221.4854	1.812
124.05	221.4854	1.812
124.07	221.4854	1.8106
124.09	221.4854	1.8106
124.1	221.4854	1.8093
124.11	221.4854	1.8093
124.12	221.4854	1.8093
124.13	221.4854	1.8093
124.14	221.4854	1.8093
124.15	221.4854	1.8093
124.15	221.4854	1.8079
124.16	221.4854	1.8066
124.17	221.4854	1.8079
124.17	221.4854	1.8066
124.18	221.4854	1.8066
124.18	221.4854	1.8066
124.19	221.4854	1.8093
124.19	221.4854	1.8079
124.2	221.6247	1.8079
124.21	222.8323	1.8106
124.23	224.04	1.8133
124.25	225.2476	1.8147

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.11	620.4379	1.9241
133.14	622.2912	1.9241
133.21	624.1089	1.9254
133.29	625.9622	1.9281
133.48	624.1089	1.9308
133.57	625.9266	1.9308
133.9	627.7443	1.9362
133.99	627.3879	1.9376
134.25	629.2055	1.9416
134.65	631.0232	1.947
134.86	629.1343	1.9497
135.16	630.952	1.9538
135.24	632.8053	1.9551
135.88	634.5873	1.9646
135.99	633.8389	1.9659
136.09	635.6922	1.9673
136.94	633.8745	1.9808
137.09	635.7278	1.9821
137.16	633.8745	1.9821
137.2	635.7278	1.9821
137.23	637.5455	1.9848
137.7	639.3632	1.9916
137.99	639.0781	1.9956
138.19	640.8958	1.9983
138.57	642.7135	2.0037
139.23	644.5312	2.0118
139.43	646.3488	2.0159
139.93	648.1309	2.024
139.99	647.1329	2.0253
140.21	648.9506	2.028
140.72	650.7683	2.0361
140.98	648.8794	2.0388
141.06	647.0617	2.0388
141.13	648.8794	2.0402
141.18	650.7327	2.0402
141.21	652.586	2.0415
141.44	654.4037	2.0456
141.97	656.1858	2.0537
141.99	656.2927	2.055
142.15	654.4393	2.055
142.2	656.2927	2.0564
142.62	658.0747	2.0631
143.04	656.1858	2.0699
143.14	658.0391	2.0699
143.21	659.8924	2.0712
143.38	661.7101	2.0753
143.99	662.1378	2.0834
144.29	663.9555	2.0861
144.97	662.1734	2.0969
145.1	663.9911	2.0996
145.2	665.8445	2.0982
145.46	667.6621	2.1036
145.87	665.7732	2.109
145.99	666.6286	2.1117

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
237.61	357.4543	3.6226
237.69	359.2113	3.6226
237.74	357.4543	3.624
237.83	355.6973	3.6253
237.9	353.9404	3.6267
237.98	354.0437	3.6267
238.43	355.7662	3.6348
238.78	357.5232	3.6388
239.02	359.2457	3.6415
239.33	361.0027	3.647
239.4	359.2457	3.6497
239.6	360.9682	3.651
239.65	362.7252	3.6497
239.81	364.4821	3.6537
239.98	365.3089	3.6564
240.23	367.0314	3.6591
240.51	368.7884	3.6632
240.91	370.5109	3.6699
241.15	372.2334	3.674
241.47	370.4764	3.678
241.51	372.2334	3.678
241.63	373.9904	3.678
241.67	375.7473	3.6794
241.98	375.954	3.6848
242.1	377.711	3.6861
242.33	379.4335	3.6902
242.79	381.1904	3.6956
243.2	382.9129	3.7023
243.38	381.1215	3.7064
243.44	379.3646	3.7077
243.47	377.6421	3.7064
243.56	379.3646	3.7077
243.59	381.1215	3.7064
243.6	382.8785	3.7091
243.65	384.6354	3.7077
243.69	386.3924	3.7091
243.78	384.6354	3.7104
243.83	386.3924	3.7118
243.98	387.0469	3.7158
245.38	385.2211	3.7347
245.47	383.4641	3.7361
245.59	385.2211	3.7361
245.6	386.978	3.7388
245.65	388.735	3.7388
245.81	390.4575	3.7401
245.98	391.0432	3.7415
246.27	392.8001	3.7469
246.4	394.5226	3.7482
246.59	396.2796	3.7509
246.93	398.0021	3.7577
247.17	399.759	3.759
247.34	397.9676	3.7644
247.38	396.2107	3.7644
247.44	394.4882	3.7644

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
33.979	275.4049	0.6873
33.995	275.4049	0.6846
33.997	275.4049	0.6846
34.002	275.4049	0.6832
34.008	275.4049	0.6805
34.012	275.4049	0.6805
34.017	275.4049	0.6819
34.021	275.4049	0.6805
34.026	275.4049	0.6819
34.031	275.4049	0.6792
34.037	275.4049	0.6832
34.04	275.4049	0.6832
34.046	275.4049	0.6832
34.052	275.4049	0.6819
34.058	275.4049	0.6846
34.064	275.4049	0.6846
34.071	276.375	0.6873
34.08	279.3996	0.6886
34.101	282.367	0.694
34.136	282.367	0.694
34.169	282.367	0.694
34.274	282.367	0.694
34.326	282.367	0.694
34.746	285.3345	0.7021
34.885	285.3345	0.7048
35.021	285.3345	0.7048
35.187	288.302	0.7075
35.668	291.2695	0.7143
35.703	291.2695	0.721
35.713	291.2695	0.7224
35.722	291.2695	0.721
35.727	291.2695	0.7224
35.735	291.2695	0.7237
35.744	291.2695	0.7237
35.752	291.2695	0.7224
35.757	291.2695	0.7237
35.765	291.2695	0.7251
35.772	291.2695	0.7237
35.777	291.2695	0.7251
35.784	291.2695	0.7237
35.79	291.2695	0.7237
35.796	291.2695	0.7251
35.805	291.2695	0.7237
35.81	291.2695	0.7237
35.819	291.2695	0.7237
35.834	291.2695	0.7224
35.847	291.2695	0.721
35.869	291.2695	0.7197
35.956	291.2695	0.7143
35.964	291.2695	0.717
35.974	291.2695	0.7183
35.987	291.2695	0.7116
35.997	291.2695	0.7116
36.004	291.2695	0.7129

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
124.46	225.2476	1.8174
124.75	225.2476	1.8228
125.35	226.4088	1.8296
125.68	226.4088	1.839
125.7	226.4088	1.839
125.71	226.4088	1.8404
125.73	226.4088	1.839
125.75	226.4088	1.8404
125.76	226.4088	1.8404
125.78	226.4088	1.8404
125.8	226.4088	1.8417
125.81	226.4088	1.8431
125.82	226.4088	1.8404
125.84	226.4088	1.8417
125.85	226.4088	1.8431
125.86	226.4088	1.8417
125.88	226.4088	1.8431
125.89	226.4088	1.8444
125.9	226.4088	1.8417
125.92	226.4088	1.8417
125.94	226.4088	1.8431
125.96	226.4088	1.8404
125.99	226.4088	1.839
126.03	226.4088	1.839
126.05	226.4088	1.839
126.07	226.4088	1.839
126.08	226.4088	1.8377
126.09	226.4088	1.8377
126.1	226.4088	1.8377
126.11	226.4088	1.8363
126.12	226.4088	1.8363
126.12	226.4088	1.8377
126.13	226.4088	1.8377
126.14	226.4088	1.8363
126.14	226.4088	1.8363
126.15	226.4088	1.835
126.15	226.4088	1.8363
126.16	226.4088	1.835
126.17	226.4088	1.835
126.17	226.4088	1.8363
126.17	226.4088	1.835
126.18	226.4785	1.8363
126.19	227.6629	1.8404
126.21	228.8705	1.8417
126.73	230.0549	1.8539
127.41	231.2394	1.8606
127.46	231.2394	1.8633
127.56	231.2394	1.862
127.67	231.2394	1.8687
127.69	231.2394	1.8674
127.71	231.2394	1.8687
127.72	231.2394	1.8687
127.74	231.2394	1.8687
127.75	231.2394	1.8687

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.74	668.5175	2.1225
146.9	666.6642	2.1252
147.16	668.4819	2.1293
147.21	670.3352	2.1293
147.54	672.1529	2.1334
147.99	672.8301	2.1401
148.28	674.6478	2.1442
148.58	676.4655	2.1496
148.93	674.5765	2.155
149.16	676.3942	2.1563
149.32	678.2119	2.1604
149.84	680.0296	2.1671
149.91	678.1762	2.1698
149.99	679.7801	2.1685
150.29	681.5621	2.1739
151.22	683.4511	2.186
151.42	685.2688	2.1914
151.97	687.0508	2.1982
151.99	686.8013	2.1982
152.72	688.6903	2.209
152.97	686.837	2.2117
153.08	688.6547	2.2144
153.24	690.508	2.2171
153.48	692.3257	2.2198
153.99	692.6465	2.2265
154.42	694.4285	2.2346
154.47	692.5752	2.236
154.61	694.4285	2.236
154.84	696.2462	2.24
154.92	694.3572	2.2427
155	692.5395	2.2414
155.11	694.3572	2.2427
155.16	696.2106	2.2441
155.32	698.0282	2.2454
155.81	696.1393	2.2535
155.86	697.9926	2.2535
155.99	697.957	2.2562
156.37	699.739	2.263
156.61	697.8857	2.2657
156.69	699.739	2.2657
156.82	697.8857	2.2684
156.93	696.0323	2.2697
157.43	697.8144	2.2778
157.99	697.2798	2.2846
158.12	695.4265	2.2859
158.18	697.2441	2.2886
158.55	699.0618	2.2927
158.64	697.1729	2.2954
158.73	699.0262	2.2967
158.91	697.1729	2.2994
159.19	698.9905	2.3021
159.46	700.8082	2.3062
159.55	698.9549	2.3075
159.63	700.7726	2.3089

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
247.62	396.2451	3.7617
247.63	398.0021	3.7617
247.64	399.7246	3.7631
247.65	401.4815	3.7658
247.68	403.2385	3.7671
247.98	403.6863	3.7712
248.15	405.4088	3.7752
248.43	407.1658	3.7779
248.67	408.8883	3.782
248.76	407.1314	3.7833
248.82	408.8883	3.7847
249.15	410.6108	3.7887
249.29	412.3678	3.7914
249.34	410.6108	3.7928
249.4	408.8539	3.7941
249.44	407.0969	3.7941
249.53	405.3399	3.7941
249.6	407.0969	3.7928
249.62	408.8539	3.7928
249.63	410.6108	3.7941
249.65	412.3678	3.7941
249.67	414.0903	3.7955
249.88	415.8472	3.7982
249.98	414.7793	3.8009
250.05	416.5362	3.8009
250.51	418.3621	3.809
250.77	420.119	3.8117
251.16	421.8415	3.8184
251.42	420.0501	3.8225
251.54	421.8071	3.8238
251.63	423.5641	3.8225
251.66	425.321	3.8238
251.98	425.6311	3.8292
252.01	427.388	3.8306
252.37	429.1105	3.8346
252.77	430.833	3.8414
253.02	432.59	3.8454
253.36	430.7986	3.8495
253.55	432.5555	3.8508
253.59	434.278	3.8535
253.65	436.035	3.8535
253.97	437.7919	3.8589
253.98	437.5508	3.8589
254.35	439.2733	3.863
254.63	440.9958	3.8684
255.01	442.7183	3.8724
255.63	444.5786	3.8805
255.66	446.3011	3.8832
255.91	448.0236	3.8873
255.98	447.6791	3.8873
256.13	449.4361	3.8886
256.49	451.1586	3.894
256.81	452.8811	3.8994
257.27	454.707	3.9075

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
36.008	291.2695	0.7089
36.015	291.2695	0.7129
36.019	291.2695	0.7102
36.024	291.2695	0.7156
36.027	291.2695	0.7116
36.034	291.2695	0.7102
36.038	291.2695	0.7089
36.043	291.2695	0.7116
36.047	291.2695	0.7102
36.054	291.2695	0.7129
36.058	291.2695	0.7129
36.065	291.2695	0.7129
36.071	291.2695	0.7129
36.078	291.2695	0.717
36.087	293.4951	0.7197
36.121	296.4626	0.721
36.819	299.43	0.7318
37.174	302.3975	0.7359
37.575	305.4221	0.7399
37.631	305.4221	0.7453
37.7	305.4221	0.7507
37.709	305.4221	0.7494
37.716	305.4221	0.7494
37.723	305.4221	0.7507
37.732	305.4221	0.7521
37.742	305.4221	0.7507
37.751	305.4221	0.7521
37.757	305.4221	0.7521
37.763	305.4221	0.7534
37.77	305.4221	0.7521
37.774	305.4221	0.7534
37.783	305.4221	0.7534
37.79	305.4221	0.7521
37.795	305.4221	0.7534
37.803	305.4221	0.7534
37.812	305.4221	0.7507
37.823	305.4221	0.7521
37.834	305.4221	0.7494
37.854	305.4221	0.7494
37.941	305.4221	0.744
37.954	305.4221	0.7426
37.962	305.4221	0.7453
37.97	305.4221	0.7453
37.98	305.4221	0.7467
37.991	305.4221	0.7413
37.997	305.4221	0.7413
38.003	305.4221	0.7426
38.008	305.4221	0.744
38.014	305.4221	0.7399
38.021	305.4221	0.7399
38.024	305.4221	0.7372
38.03	305.4221	0.7399
38.034	305.4221	0.7399
38.04	305.4221	0.7399

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.77	231.2394	1.8701
127.79	231.2394	1.8687
127.8	231.2394	1.8701
127.82	231.2394	1.8701
127.83	231.2394	1.8714
127.85	231.2394	1.8701
127.87	231.2394	1.8714
127.88	231.2394	1.8714
127.9	231.2394	1.8714
127.93	231.2394	1.8714
127.94	231.2394	1.8714
127.99	231.2394	1.8714
128.03	231.2394	1.8701
128.05	231.2394	1.8674
128.06	231.2394	1.8674
128.07	231.2394	1.8674
128.09	231.2394	1.8674
128.1	231.2394	1.8674
128.11	231.2394	1.8674
128.12	231.2394	1.8674
128.13	231.2394	1.866
128.13	231.2394	1.8674
128.14	231.2394	1.8674
128.15	231.2394	1.8647
128.15	231.2394	1.866
128.16	231.2394	1.866
128.16	231.2394	1.866
128.17	231.2394	1.8647
128.18	231.2394	1.866
128.19	231.8664	1.8674
128.2	233.074	1.8687
128.22	234.2585	1.8728
129.42	235.4429	1.889
129.67	235.4429	1.8971
129.69	235.4429	1.8984
129.71	235.4429	1.8984
129.72	235.4429	1.8971
129.74	235.4429	1.8984
129.75	235.4429	1.8998
129.76	235.4429	1.8998
129.77	235.4429	1.8998
129.78	235.4429	1.8998
129.79	235.4429	1.9011
129.8	235.4429	1.9011
129.81	235.4429	1.9011
129.82	235.4429	1.9011
129.83	235.4429	1.9025
129.84	235.4429	1.9025
129.85	235.4429	1.9025
129.86	235.4429	1.9011
129.87	235.4429	1.9011
129.88	235.4429	1.9011
129.89	235.4429	1.8998
129.9	235.4429	1.8984

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
159.99	701.8418	2.3156
160.15	699.9885	2.317
160.22	701.8062	2.3183
160.8	703.5882	2.3264
160.87	701.7349	2.3278
161.04	699.8816	2.3291
161.21	701.6993	2.3318
161.61	699.8103	2.3386
161.7	701.6636	2.3399
161.77	699.8103	2.3399
161.99	700.63	2.344
162.69	698.848	2.3548
163.2	700.63	2.3615
163.99	701.9131	2.3723
164.31	703.7308	2.3777
164.93	701.9131	2.3872
165.02	703.7664	2.3858
165.16	705.5841	2.3899
165.64	707.3662	2.3966
165.99	707.9721	2.4007
166.71	709.861	2.4115
166.92	708.0077	2.4128
167.22	709.7898	2.4182
167.39	711.6074	2.4209
167.47	709.7541	2.4236
167.97	711.5718	2.429
167.99	711.4292	2.4304
168.38	709.5403	2.4372
168.58	711.358	2.4385
169.04	709.469	2.4466
169.15	711.2867	2.448
169.34	713.14	2.4493
169.57	711.251	2.4534
169.72	713.1044	2.4547
169.99	711.8213	2.4601
170.05	713.6746	2.4615
170.12	711.8213	2.4601
170.2	713.639	2.4628
170.93	711.8569	2.4723
170.97	713.7103	2.4736
171.02	711.8569	2.475
171.14	713.6746	2.475
171.26	715.4923	2.4777
171.43	713.639	2.4804
171.91	715.421	2.4871
171.99	714.2092	2.4885
172.67	716.0982	2.4966
172.78	714.2449	2.4993
173.21	716.0269	2.506
173.99	716.2051	2.5168
174.23	717.9872	2.5222
174.28	716.1695	2.5222
174.41	717.9872	2.5236
174.47	716.1339	2.5249

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
257.36	452.95	3.9089
257.44	451.193	3.9089
257.55	452.95	3.9089
257.57	454.707	3.9116
257.66	456.4639	3.9102
257.75	458.1864	3.9129
257.98	458.6343	3.917
258.22	460.3912	3.9197
258.56	462.1137	3.9237
258.87	463.8362	3.9291
259.13	465.5587	3.9345
259.38	463.8018	3.9386
259.46	462.0448	3.9386
259.58	463.8018	3.9372
259.59	465.5243	3.9399
259.63	467.2812	3.9386
259.67	469.0382	3.9413
259.98	469.3482	3.9454
260.12	471.1052	3.9481
260.59	472.8277	3.9535
260.83	474.5502	3.9589
261.27	476.2727	3.9643
261.35	474.5158	3.967
261.59	476.2383	3.9697
261.63	477.9952	3.9683
261.83	479.7177	3.9724
261.98	479.7177	3.9737
262.32	481.4402	3.9791
262.61	483.1627	3.9845
263.02	484.8852	3.9886
263.59	486.7111	3.998
263.67	488.4681	3.998
263.74	490.1906	4.0007
263.87	488.4336	4.0021
263.94	490.1906	4.0034
263.98	490.1906	4.0048
264.28	491.9131	4.0075
264.53	493.6356	4.0115
264.81	495.3925	4.0156
264.87	493.6356	4.0169
265	495.3581	4.0183
265.22	497.115	4.021
265.39	495.3236	4.025
265.43	493.5667	4.0264
265.47	491.8097	4.0264
265.61	493.5667	4.025
265.63	495.3236	4.025
265.64	497.0806	4.0264
265.66	498.8375	4.0264
265.71	500.56	4.0291
265.98	501.1112	4.0331
266.32	502.8337	4.0372
266.7	504.6941	4.0426
267.06	506.5199	4.048

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
38.044	305.4221	0.7413
38.051	305.4221	0.7426
38.056	305.4221	0.7426
38.064	305.4221	0.7453
38.073	305.5933	0.7467
38.085	308.5607	0.7494
38.588	311.5282	0.7575
39.08	314.5528	0.7615
39.478	317.5202	0.7696
39.67	317.5202	0.775
39.69	317.5202	0.7804
39.699	317.5202	0.7804
39.707	317.5202	0.7804
39.714	317.5202	0.7804
39.72	317.5202	0.7804
39.727	317.5202	0.7804
39.733	317.5202	0.7818
39.74	317.5202	0.7831
39.746	317.5202	0.7831
39.75	317.5202	0.7831
39.757	317.5202	0.7831
39.761	317.5202	0.7845
39.766	317.5202	0.7831
39.77	317.5202	0.7831
39.776	317.5202	0.7831
39.782	317.5202	0.7818
39.79	317.5202	0.7818
39.801	317.5202	0.7791
39.812	317.5202	0.7764
39.948	317.5202	0.7723
39.956	317.5202	0.7723
39.961	317.5202	0.7737
39.97	317.5202	0.775
39.98	317.5202	0.7737
39.992	317.5202	0.7696
39.997	317.5202	0.7723
40.001	317.5202	0.7683
40.007	317.5202	0.771
40.011	317.5202	0.7683
40.017	317.5202	0.771
40.021	317.5202	0.7696
40.025	317.5202	0.7683
40.031	317.5202	0.7696
40.036	317.5202	0.7723
40.042	317.5202	0.7696
40.05	317.5202	0.771
40.054	317.5202	0.7737
40.062	317.5202	0.7737
40.073	317.5202	0.7737
40.084	319.0611	0.7791
40.125	322.0285	0.7804
40.832	325.0531	0.7872
40.93	325.0531	0.7926
40.994	325.0531	0.7912

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
129.99	235.4429	1.8957
130	235.4429	1.8971
130.02	235.4429	1.8957
130.03	235.4429	1.8971
130.04	235.4429	1.893
130.05	235.4429	1.8944
130.06	235.4429	1.8944
130.07	235.4429	1.8957
130.07	235.4429	1.893
130.08	235.4429	1.893
130.09	235.4429	1.893
130.09	235.4429	1.8917
130.1	235.4429	1.8917
130.1	235.4429	1.8917
130.11	235.4429	1.8917
130.11	235.4429	1.8917
130.11	235.4429	1.893
130.12	235.4429	1.8917
130.12	235.4429	1.893
130.13	235.4429	1.893
130.13	235.4429	1.893
130.14	235.8144	1.8957
130.15	237.0221	1.8984
130.17	238.2065	1.9011
130.25	238.2065	1.9038
130.48	238.2065	1.9065
130.56	238.2065	1.9065
131.05	238.2065	1.9133
131.14	238.2065	1.916
131.27	238.2065	1.9173
131.66	238.2065	1.9241
131.72	238.2065	1.9254
131.76	238.2065	1.9268
131.78	238.2065	1.9268
131.81	238.2065	1.9268
131.84	238.2065	1.9281
131.87	238.2065	1.9268
131.9	238.2065	1.9254
131.97	238.2065	1.9241
131.98	238.2065	1.9227
131.99	238.2065	1.9227
131.99	238.2065	1.9227
132	238.2065	1.9227
132.01	238.2065	1.9241
132.02	238.2065	1.9227
132.03	238.2065	1.9254
132.05	238.2065	1.9254
132.23	238.2065	1.9322
132.32	238.2065	1.9322
132.87	238.2065	1.9416
132.93	238.2065	1.9416
133.74	238.2065	1.9538
133.91	238.2065	1.9524
133.97	238.2065	1.9538

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
174.59	717.9515	2.5263
174.9	716.0982	2.5317
175.15	717.8803	2.5357
175.99	718.6644	2.5465
176.3	716.811	2.5506
176.36	718.6287	2.5519
176.9	716.8467	2.5614
176.97	718.7	2.56
177.03	716.8467	2.5627
177.1	714.9933	2.5627
177.14	716.8467	2.5614
177.16	718.6644	2.5641
177.99	718.4505	2.5749
178.38	716.5615	2.5816
179.01	714.6726	2.5911
179.21	716.4903	2.5924
179.52	714.6369	2.5978
179.91	716.419	2.6032
179.99	715.2072	2.6032
180.45	713.2826	2.6113
180.49	715.1359	2.6113
180.6	713.2826	2.6113
180.67	715.1003	2.614
180.8	713.2469	2.6167
181.23	715.0646	2.6221
181.97	713.2469	2.6329
181.99	712.9974	2.6329
182.03	714.8508	2.6316
182.47	716.7397	2.641
182.52	714.9221	2.641
183.23	716.811	2.6505
183.66	714.9221	2.6572
183.71	716.7397	2.6572
183.92	714.8864	2.6613
183.97	713.0331	2.6626
183.99	712.6767	2.664
184.09	710.8233	2.664
184.31	708.97	2.6667
184.77	707.081	2.6734
184.87	708.8987	2.6748
184.91	707.081	2.6761
184.95	705.2277	2.6761
185.14	707.0454	2.6788
185.24	708.8631	2.6802
185.41	707.0098	2.6829
185.47	708.8631	2.6842
185.61	707.0098	2.6856
185.66	708.8275	2.6869
185.9	706.9741	2.6896
185.96	708.7918	2.691
185.98	708.6849	2.691
186.44	706.7959	2.6977
186.51	708.6136	2.6977
187.2	710.5026	2.7085

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
267.62	508.3458	4.0547
267.66	510.0683	4.0574
267.98	510.9984	4.0628
268.18	512.7209	4.0655
268.58	514.4434	4.0696
268.96	516.2693	4.0763
269.43	514.4779	4.0831
269.54	516.2348	4.0844
269.62	517.9918	4.0844
269.66	519.7143	4.0858
269.98	520.8512	4.0912
270.2	522.6081	4.0939
270.65	524.434	4.0993
271.12	526.2598	4.1074
271.19	524.5029	4.1087
271.43	522.7459	4.1114
271.54	524.4684	4.1128
271.6	526.2254	4.1141
271.66	527.9823	4.1128
271.98	528.9814	4.1195
272.27	530.7039	4.1236
272.5	532.4264	4.1276
273.07	534.2522	4.1357
273.26	535.9748	4.1398
273.31	534.2178	4.1411
273.36	532.4608	4.1398
273.41	530.7039	4.1425
273.44	528.9814	4.1411
273.51	527.2244	4.1411
273.57	528.9814	4.1411
273.59	530.7383	4.1411
273.6	532.4608	4.1411
273.62	534.2178	4.1411
273.64	535.9403	4.1425
273.66	537.6973	4.1438
273.87	539.4198	4.1465
273.98	539.3164	4.1479
274.37	541.1423	4.1546
274.63	542.8648	4.1587
275.09	544.6906	4.1654
275.27	546.4131	4.1681
275.33	544.6562	4.1695
275.36	542.8992	4.1695
275.42	541.1423	4.1708
275.46	539.4198	4.1708
275.56	541.1767	4.1695
275.58	542.9337	4.1681
275.59	544.6562	4.1708
275.6	546.3787	4.1722
275.65	548.1356	4.1722
275.85	549.8581	4.1762
275.98	550.4438	4.1776
276.32	552.2697	4.183
276.69	553.9922	4.187

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
41.252	327.9635	0.798
41.329	327.9635	0.7966
41.383	327.9635	0.798
41.695	327.9635	0.8074
41.705	327.9635	0.8061
41.713	327.9635	0.8061
41.724	327.9635	0.8088
41.733	327.9635	0.8074
41.74	327.9635	0.8088
41.748	327.9635	0.8088
41.757	327.9635	0.8088
41.765	327.9635	0.8088
41.771	327.9635	0.8088
41.779	327.9635	0.8115
41.788	327.9635	0.8115
41.796	327.9635	0.8088
41.802	327.9635	0.8101
41.81	327.9635	0.8115
41.819	327.9635	0.8101
41.828	327.9635	0.8101
41.838	327.9635	0.8101
41.85	327.9635	0.8074
41.882	327.9635	0.8074
41.948	327.9635	0.8007
41.958	327.9635	0.8034
41.966	327.9635	0.8047
41.977	327.9635	0.8047
41.989	327.9635	0.8007
41.997	327.9635	0.798
42.002	327.9635	0.7993
42.008	327.9635	0.8007
42.011	327.9635	0.8007
42.017	327.9635	0.7993
42.021	327.9635	0.798
42.028	327.9635	0.798
42.031	327.9635	0.7966
42.037	327.9635	0.798
42.04	327.9635	0.798
42.047	327.9635	0.798
42.051	327.9635	0.798
42.057	327.9635	0.8007
42.061	327.9635	0.8007
42.068	327.9635	0.8007
42.076	329.5614	0.8034
42.082	332.5288	0.8061
42.224	335.5534	0.8101
42.271	335.5534	0.8115
42.461	335.5534	0.8115
43.127	338.4638	0.8223
43.678	341.4313	0.8358
43.697	341.4313	0.8371
43.706	341.4313	0.8371
43.714	341.4313	0.8385
43.723	341.4313	0.8385

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.99	238.2065	1.9551
134.15	238.2065	1.9592
134.51	238.2065	1.9646
134.92	239.2516	1.9686
135.13	240.4592	1.9727
135.6	241.6436	1.9781
135.66	241.6436	1.9848
135.68	241.6436	1.9835
135.69	241.6436	1.9848
135.7	241.6436	1.9848
135.72	241.6436	1.9835
135.73	241.6436	1.9848
135.74	241.6436	1.9862
135.76	241.6436	1.9875
135.77	241.6436	1.9862
135.78	241.6436	1.9875
135.78	241.6436	1.9889
135.79	241.6436	1.9875
135.8	241.6436	1.9875
135.81	241.6436	1.9889
135.82	241.6436	1.9875
135.83	241.6436	1.9875
135.84	241.6436	1.9875
135.85	241.6436	1.9862
135.86	241.6436	1.9862
135.87	241.6436	1.9875
135.88	241.6436	1.9862
135.89	241.6436	1.9848
135.98	241.6436	1.9835
135.99	241.6436	1.9821
136	241.6436	1.9821
136.01	241.6436	1.9821
136.02	241.6436	1.9808
136.03	241.6436	1.9808
136.04	241.6436	1.9821
136.05	241.6436	1.9794
136.05	241.6436	1.9808
136.06	241.6436	1.9794
136.06	241.6436	1.9794
136.07	241.6436	1.9794
136.07	241.6436	1.9781
136.08	241.6436	1.9794
136.08	241.6436	1.9767
136.09	241.6436	1.9808
136.09	241.6436	1.9794
136.1	241.6436	1.9808
136.1	241.6436	1.9794
136.11	241.6436	1.9808
136.11	241.6436	1.9821
136.12	241.6436	1.9808
136.13	242.201	1.9835
136.14	243.3854	1.9862
136.17	244.593	1.9875
136.54	244.593	1.9943

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
187.34	708.6492	2.7099
187.4	710.4669	2.7126
187.72	708.6136	2.7166
187.78	710.4313	2.7166
187.98	710.2887	2.722
188.92	708.5067	2.7328
188.95	710.3244	2.7342
189.01	708.471	2.7356
189.15	710.2887	2.7369
189.52	712.1064	2.7423
189.98	711.5362	2.7491
190.89	709.7541	2.7612
190.96	711.5718	2.7639
191.02	709.7185	2.7639
191.13	711.5718	2.7653
191.33	713.3539	2.7693
191.39	711.5362	2.7693
191.98	712.1777	2.7788
192.41	710.3244	2.7842
192.46	712.1421	2.7842
192.88	710.2531	2.7923
193.19	712.0708	2.7936
193.98	711.1441	2.8071
194.12	712.9262	2.8098
194.34	711.0728	2.8125
195.98	711.3936	2.8368
196.69	709.6116	2.8476
196.78	711.4292	2.8476
196.84	709.6116	2.849
197.01	707.7582	2.8517
197.14	709.5759	2.8517
197.22	711.3936	2.8544
197.35	709.5403	2.8557
197.42	711.358	2.8571
197.49	709.5403	2.8584
197.6	711.358	2.8598
197.71	709.5046	2.8611
197.98	709.469	2.8652
198.92	707.6513	2.88
199.01	705.8336	2.8787
199.05	707.6513	2.88
199.18	709.469	2.8814
199.98	708.6492	2.8949
200.4	710.4313	2.9003
200.45	708.6136	2.9016
200.76	710.3957	2.9057
200.87	708.5423	2.9084
201.03	706.7246	2.9097
201.1	708.5423	2.9097
201.23	710.36	2.9124
201.65	708.471	2.9178
201.98	709.5403	2.9232
202.15	707.7226	2.9246
202.45	709.5046	2.93

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
277.08	555.818	4.1938
277.37	554.0266	4.1992
277.43	552.3041	4.1992
277.5	550.5471	4.1992
277.57	552.3041	4.1978
277.58	554.0266	4.1992
277.61	555.7836	4.2005
277.62	557.5061	4.2005
277.65	559.263	4.2005
277.98	559.3319	4.2059
278.21	561.0889	4.2086
278.5	562.8114	4.2127
278.59	561.02	4.2167
278.64	562.7769	4.2154
278.91	564.4994	4.2194
279.18	566.3597	4.2235
279.28	564.6028	4.2248
279.47	562.8114	4.2289
279.6	564.5683	4.2289
279.63	566.3253	4.2289
279.65	568.0478	4.2302
279.79	569.7703	4.2329
279.98	570.4593	4.2356
280.25	572.2852	4.2397
280.67	574.1455	4.2451
281.11	575.9369	4.2519
281.36	574.1799	4.2559
281.42	572.423	4.2573
281.47	570.7005	4.2573
281.58	572.423	4.2559
281.59	574.1799	4.2573
281.6	575.9024	4.2586
281.63	577.6594	4.2573
281.65	579.3819	4.2586
281.95	581.2422	4.264
281.98	581.001	4.264
282.49	582.7924	4.2721
282.79	584.5494	4.2748
283.27	586.3408	4.2829
283.36	584.5839	4.2856
283.39	582.8269	4.287
283.46	581.1044	4.287
283.58	582.8269	4.2856
283.59	584.5839	4.287
283.62	586.3408	4.2856
283.64	588.0633	4.287
283.75	589.8892	4.291
283.82	588.1667	4.291
283.88	589.8892	4.291
283.98	589.0624	4.2951
284.09	590.8193	4.2951
284.42	592.6452	4.2991
284.97	594.471	4.3072
285.46	592.6452	4.3167

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
43.728	341.4313	0.8371
43.735	341.4313	0.8398
43.743	341.4313	0.8398
43.748	341.4313	0.8385
43.755	341.4313	0.8398
43.763	341.4313	0.8398
43.767	341.4313	0.8398
43.769	341.4313	0.8385
43.771	341.4313	0.8398
43.772	341.4313	0.8398
43.774	341.4313	0.8398
43.776	341.4313	0.8398
43.786	341.4313	0.8398
43.794	341.4313	0.8385
43.804	341.4313	0.8385
43.816	341.4313	0.8371
43.834	341.4313	0.8358
43.924	341.4313	0.8317
43.936	341.4313	0.8263
43.945	341.4313	0.825
43.95	341.4313	0.8263
43.954	341.4313	0.8263
43.957	341.4313	0.825
43.963	341.4313	0.825
43.966	341.4313	0.8236
43.971	341.4313	0.825
43.974	341.4313	0.8236
43.978	341.4313	0.8236
43.983	341.4313	0.8277
43.988	341.4313	0.8236
43.994	341.4313	0.825
43.996	341.4313	0.825
44.003	341.4313	0.8263
44.006	341.4313	0.8263
44.013	341.4313	0.829
44.018	341.4313	0.8277
44.026	341.4313	0.8331
44.036	341.4313	0.8358
44.143	341.4313	0.8425
44.163	341.4313	0.8398
44.272	341.4313	0.8385
44.334	341.4313	0.8398
44.671	343.4286	0.8439
45.165	346.3961	0.852
45.626	349.3065	0.8601
45.996	349.9342	0.8641
46.128	352.9017	0.8668
46.812	355.8692	0.879
47.632	358.7796	0.8898
47.739	358.7796	0.8911
47.797	358.8367	0.8884
47.996	359.5786	0.8952
48.37	362.546	0.8992
49.118	365.5135	0.9087

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
136.6	244.593	1.9943
136.93	245.7775	1.9983
137.55	246.9386	2.0078
137.66	246.9386	2.0118
137.68	246.9386	2.0132
137.69	246.9386	2.0132
137.7	246.9386	2.0132
137.72	246.9386	2.0145
137.73	246.9386	2.0145
137.75	246.9386	2.0145
137.76	246.9386	2.0145
137.77	246.9386	2.0145
137.78	246.9386	2.0159
137.79	246.9386	2.0159
137.8	246.9386	2.0159
137.8	246.9386	2.0159
137.81	246.9386	2.0172
137.82	246.9386	2.0172
137.83	246.9386	2.0172
137.84	246.9386	2.0172
137.85	246.9386	2.0172
137.86	246.9386	2.0172
137.87	246.9386	2.0172
137.88	246.9386	2.0159
137.89	246.9386	2.0132
137.93	246.9386	2.0132
137.97	246.9386	2.0105
137.99	246.9386	2.0105
137.99	246.9386	2.0105
138	246.9386	2.0105
138.01	246.9386	2.0091
138.02	246.9386	2.0105
138.02	246.9386	2.0105
138.03	246.9386	2.0078
138.03	246.9386	2.0091
138.04	246.9386	2.0105
138.05	246.9386	2.0091
138.05	246.9386	2.0064
138.06	246.9386	2.0091
138.06	246.9386	2.0064
138.07	246.9386	2.0078
138.07	246.9386	2.0078
138.08	246.9386	2.0078
138.08	246.9386	2.0078
138.08	246.9386	2.0078
138.09	246.9386	2.0078
138.09	246.9386	2.0091
138.1	246.9386	2.0091
138.1	246.9386	2.0091
138.11	247.4263	2.0105
138.12	248.6108	2.0159
138.74	249.7952	2.024
138.87	249.7952	2.0267
138.93	249.7952	2.0267

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.69	707.6513	2.9327
202.76	709.469	2.934
202.9	707.6157	2.9354
203.98	707.6157	2.9516
204.26	705.7623	2.9556
204.32	707.58	2.957
204.32	709.3977	2.9583
204.33	711.358	2.9597
204.35	709.5403	2.9597
204.35	707.6869	2.961
204.37	705.8693	2.961
204.38	704.0516	2.9597
204.39	702.1982	2.9624
204.39	700.3805	2.961
204.4	698.5272	2.9637
204.41	696.7095	2.9624
204.42	694.8918	2.961
204.43	693.0385	2.9624
204.44	691.2208	2.9624
204.45	689.4031	2.961
204.46	687.5142	2.9651
204.47	685.6965	2.9637
204.47	683.8788	2.9637
204.48	682.0611	2.9637
204.49	680.2078	2.9651
204.49	678.3901	2.9637
204.5	676.5724	2.9637
204.51	674.7191	2.9664
204.52	672.9014	2.9651
204.52	671.048	2.9651
204.53	669.2303	2.9651
204.53	667.4127	2.9651
204.54	665.5593	2.9664
204.54	663.7416	2.9664
204.55	661.8883	2.9664
204.55	660.0706	2.9651
204.56	658.2529	2.9651
204.57	656.3996	2.9664
204.57	654.5819	2.9651
204.58	652.7642	2.9651
204.58	650.9465	2.9637
204.59	649.0932	2.9637
204.6	647.2755	2.9637
204.62	645.4578	2.9637
204.64	643.6401	2.9624
204.71	645.4578	2.961
204.73	647.2755	2.9624
204.75	649.1288	2.961
204.76	650.9465	2.961
204.77	652.7999	2.961
204.78	654.6176	2.961
204.79	656.4352	2.961
204.8	658.2886	2.961
204.81	660.1063	2.961

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
285.59	594.4021	4.3153
285.62	596.1591	4.3153
285.64	597.8816	4.318
285.9	599.6041	4.3207
285.98	598.6739	4.3221
286.25	600.4998	4.3261
286.26	602.2223	4.3275
286.27	600.4654	4.3288
286.29	598.7428	4.3288
286.31	596.9859	4.3288
286.32	595.2289	4.3302
286.33	593.5064	4.3302
286.35	591.7495	4.3315
286.36	589.9925	4.3315
286.38	588.27	4.3315
286.4	586.5131	4.3315
286.42	584.7561	4.3315
286.44	583.0336	4.3315
286.45	581.2766	4.3302
286.47	579.5541	4.3315
286.49	577.7972	4.3315
286.52	576.0402	4.3315
286.54	574.3177	4.3315
286.57	572.5608	4.3329
286.58	570.8038	4.3329
286.62	569.0813	4.3329
286.66	567.3243	4.3329
286.78	569.0813	4.3329
286.79	570.8038	4.3329
286.81	572.5608	4.3329
286.82	574.2833	4.3329
286.83	576.0402	4.3315
286.84	577.7972	4.3329
286.84	579.5197	4.3329
286.85	581.2766	4.3315
286.86	583.0336	4.3302
286.87	584.7906	4.3302
286.87	586.5131	4.3302
286.88	588.27	4.3302
286.89	590.027	4.3302
286.89	591.7495	4.3302
286.9	593.5064	4.3288
286.91	595.2634	4.3288
286.91	596.9859	4.3288
286.92	598.7084	4.3315
286.92	600.4654	4.3315
286.93	602.1879	4.3329
286.93	603.9448	4.3342
286.94	605.6673	4.3342
286.96	607.3898	4.3369
287.34	605.6329	4.3423
287.4	603.8759	4.345
287.46	602.119	4.345
287.54	603.8759	4.3437

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
49.489	368.481	0.9155
49.562	368.481	0.9182
49.714	368.481	0.9182
49.996	369.8506	0.9236
50.301	369.8506	0.929
50.46	369.8506	0.929
50.521	372.8181	0.929
51.157	375.7856	0.9384
51.709	378.753	0.9479
51.996	380.5221	0.9506
52.043	380.5221	0.9533
52.233	380.5221	0.9546
52.467	383.4896	0.9587
52.523	383.4896	0.96
52.652	383.4896	0.9641
53.288	386.4	0.9708
53.912	389.3675	0.9789
53.996	389.3675	0.9803
54.23	390.9654	0.9843
54.284	390.9654	0.9843
54.374	390.9654	0.9857
54.874	393.9328	0.9924
55.274	396.8432	0.9992
55.462	396.8432	1.0046
55.591	396.8432	1.0019
55.682	396.8432	1.0059
55.934	396.8432	1.0127
55.995	396.8432	1.0113
56.083	396.8432	1.01
56.411	396.8432	1.0154
56.933	397.3568	1.0275
56.969	397.3568	1.0235
57.087	397.3568	1.0235
57.65	400.3243	1.0329
57.995	400.3243	1.0383
58.194	402.2646	1.0437
58.715	405.2321	1.0491
59.249	408.1996	1.0572
59.448	408.1996	1.0599
59.526	408.1996	1.0599
59.995	408.7132	1.068
60.169	411.7377	1.0721
60.715	414.6481	1.0775
60.943	414.6481	1.0829
61.05	414.6481	1.0829
61.178	414.6481	1.0842
61.265	414.6481	1.0856
61.737	417.6156	1.0923
61.995	419.3847	1.0977
62.66	422.2951	1.1058
63.161	425.2626	1.1126
63.248	425.2626	1.1166
63.397	425.2626	1.1166
63.837	428.23	1.1261

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.24	250.9796	2.0321
139.6	252.164	2.0388
139.66	252.164	2.0402
139.7	252.164	2.0415
139.72	252.164	2.0415
139.74	252.164	2.0429
139.76	252.164	2.0429
139.77	252.164	2.0429
139.79	252.164	2.0429
139.8	252.164	2.0429
139.82	252.164	2.0442
139.84	252.164	2.0442
139.86	252.164	2.0442
139.87	252.164	2.0456
139.89	252.164	2.0415
139.93	252.164	2.0429
139.99	252.164	2.0415
140.01	252.164	2.0429
140.03	252.164	2.0402
140.04	252.164	2.0415
140.05	252.164	2.0415
140.06	252.164	2.0415
140.07	252.164	2.0415
140.08	252.164	2.0388
140.08	252.164	2.0388
140.09	252.164	2.0388
140.1	252.164	2.0388
140.1	252.164	2.0388
140.11	252.164	2.0402
140.12	252.164	2.0415
140.13	253.1162	2.0415
140.15	254.3238	2.0456
140.42	254.3238	2.0496
140.42	254.3238	2.0483
140.42	254.3238	2.0496
140.42	254.3238	2.0496
140.43	254.3238	2.051
140.45	254.3238	2.051
140.51	254.3238	2.051
141	254.3238	2.0591
141.24	254.3238	2.0618
141.47	254.3238	2.0645
141.69	254.3238	2.0699
141.73	254.3238	2.0712
141.75	254.3238	2.0726
141.77	254.3238	2.0712
141.79	254.3238	2.0726
141.81	254.3238	2.0726
141.83	254.3238	2.0726
141.86	254.3238	2.0726
141.89	254.3238	2.0699
141.97	254.3238	2.0712
141.98	254.3238	2.0685
141.99	254.3238	2.0685

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
204.81	661.9239	2.961
204.82	663.7773	2.9597
204.83	665.6306	2.9583
204.83	667.4483	2.9597
204.84	669.266	2.9583
204.84	671.0837	2.9597
204.85	672.937	2.9597
204.85	674.7547	2.9583
204.86	676.608	2.9583
204.86	678.4257	2.9583
204.87	680.2434	2.9583
204.87	682.0967	2.9583
204.88	683.9144	2.9583
204.88	685.7678	2.957
204.89	687.5498	2.9597
204.89	689.5101	2.9583
204.89	691.3634	2.957
204.9	693.1811	2.9583
204.9	695.1413	2.9583
204.9	696.959	2.9597
204.91	698.7767	2.9597
204.91	700.63	2.9583
204.92	702.4477	2.9597
204.93	704.2654	2.9597
204.93	706.0831	2.961
204.94	707.9008	2.9637
204.94	709.7541	2.9637
204.96	711.5362	2.9664
205.44	709.6828	2.9732
205.79	707.7939	2.9772
205.98	706.689	2.9813
206.66	704.8	2.9907
206.77	706.6177	2.9921
206.88	704.7644	2.9934
207.98	704.7644	3.0096
208.58	702.8754	3.0191
208.67	704.6931	3.0191
208.76	702.8754	3.0204
208.92	700.9864	3.0245
209.07	702.8398	3.0258
209.23	704.6218	3.0285
209.48	702.7685	3.0312
209.98	703.1962	3.0394
210.2	701.3785	3.0421
210.25	703.1962	3.0434
210.3	701.3429	3.0448
211.02	699.4539	3.0542
211.13	701.2716	3.0556
211.92	699.4895	3.0677
211.98	700.0954	3.0677
212.5	698.2064	3.0758
212.97	696.3175	3.0826
213.98	695.7116	3.0974
214.6	693.8582	3.1055

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
287.56	605.5984	4.345
287.57	607.3554	4.3464
287.67	609.0779	4.3464
287.98	609.7669	4.3518
288.53	611.5583	4.3599
289.14	613.3841	4.3666
289.37	611.5927	4.372
289.47	613.3152	4.3734
289.53	611.5927	4.3747
289.58	613.3152	4.3734
289.61	615.0722	4.3747
289.72	616.7947	4.3761
289.98	617.2426	4.3801
290.3	619.0684	4.3855
290.36	617.3115	4.3855
290.41	619.0684	4.3855
290.75	620.8943	4.3923
291.14	622.6857	4.3977
291.35	620.9287	4.4017
291.41	619.2062	4.4017
291.47	617.4493	4.4017
291.55	619.2062	4.4004
291.56	620.9287	4.4004
291.57	622.6512	4.4031
291.63	624.4082	4.4031
291.68	626.1307	4.4058
291.98	626.5785	4.4098
292.23	628.301	4.4125
292.72	630.1269	4.4193
293.16	631.9183	4.426
293.37	630.1613	4.4301
293.57	631.8838	4.4328
293.64	633.6064	4.4328
293.92	635.4667	4.4368
293.98	635.9145	4.4382
294.12	637.637	4.4409
294.42	639.4629	4.4463
295.13	641.2543	4.4557
295.35	639.4973	4.4584
295.55	641.2198	4.4611
295.61	642.9768	4.4598
295.64	644.6993	4.4625
295.81	642.9423	4.4652
295.93	644.6648	4.4665
295.98	645.0093	4.4679
296.35	646.8007	4.4746
296.43	645.0782	4.4733
296.51	646.8007	4.4746
296.9	648.6266	4.4814
297.44	646.8352	4.4895
297.49	645.0782	4.4881
297.55	646.8352	4.4895
297.59	648.5577	4.4895
297.6	650.3147	4.4895

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.995	428.23	1.1261
64.576	430.5698	1.1328
65.138	433.5373	1.1409
65.847	436.4477	1.1517
65.995	437.0183	1.1544
66.353	437.0183	1.1612
66.372	437.0183	1.1625
66.444	437.0183	1.1652
66.456	437.0183	1.1639
66.468	437.0183	1.1666
66.481	437.0183	1.1666
66.486	437.0183	1.1666
66.496	437.0183	1.1666
66.505	437.0183	1.1652
66.523	437.0183	1.1666
66.534	437.0183	1.1679
66.542	437.0183	1.1679
66.548	437.0183	1.1679
66.557	437.0183	1.1706
66.566	437.0183	1.1693
66.574	437.0183	1.1679
66.58	437.0183	1.1679
66.59	437.0183	1.1666
66.603	437.0183	1.1666
66.617	437.0183	1.1666
66.629	437.0183	1.1666
66.711	437.0183	1.1652
66.733	437.0183	1.1571
66.743	437.0183	1.1598
66.747	437.0183	1.1571
66.754	437.0183	1.1612
66.758	437.0183	1.1598
66.766	437.0183	1.1612
66.774	437.0183	1.1625
66.784	437.0183	1.1598
66.789	437.0183	1.1585
66.796	437.0183	1.1612
66.8	437.0183	1.1625
66.807	437.0183	1.1612
66.815	437.0183	1.1612
66.821	437.0183	1.1585
66.827	437.0183	1.1598
66.833	437.0183	1.1612
66.837	437.0183	1.1625
66.846	437.0183	1.1639
66.856	437.0183	1.1639
66.869	437.0183	1.1652
66.929	439.7576	1.1679
67.033	442.725	1.1679
67.117	445.7496	1.1693
67.314	445.7496	1.1747
67.468	445.7496	1.1828
67.477	445.7496	1.1787
67.488	445.7496	1.1801

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
142	254.3238	2.0685
142.01	254.3238	2.0685
142.02	254.3238	2.0685
142.02	254.3238	2.0685
142.03	254.3238	2.0672
142.04	254.3238	2.0672
142.05	254.3238	2.0685
142.06	254.3238	2.0726
142.09	254.3238	2.0739
142.22	254.3238	2.0753
142.88	254.4632	2.0847
143.21	255.6476	2.0901
143.69	255.6476	2.0982
143.72	255.6476	2.1009
143.75	255.6476	2.0996
143.77	255.6476	2.1009
143.79	255.6476	2.1009
143.82	255.6476	2.1023
143.84	255.6476	2.1009
143.86	255.6476	2.1023
143.89	255.6476	2.0982
143.97	255.6476	2.0996
143.99	255.6476	2.0982
144	255.6476	2.0982
144.01	255.6476	2.0982
144.02	255.6476	2.0969
144.02	255.6476	2.0969
144.03	255.6476	2.0969
144.04	255.6476	2.0955
144.05	255.6476	2.0969
144.06	256.7391	2.0982
144.07	257.9467	2.1009
144.13	259.1311	2.1036
144.58	259.1311	2.1104
144.64	259.1311	2.109
145.1	260.2923	2.1171
145.44	261.5	2.1225
145.68	261.5	2.1266
145.74	261.5	2.1293
145.76	261.5	2.1307
145.78	261.5	2.1293
145.82	261.5	2.1293
145.88	261.5	2.1266
145.95	261.5	2.1266
145.96	261.5	2.1266
145.97	261.5	2.1266
145.97	261.5	2.1253
145.98	261.5	2.1253
145.99	261.5	2.1253
146.01	262.5218	2.1293
146.13	263.7062	2.132
146.48	263.7062	2.1374
147.25	263.7062	2.1496
147.81	263.7062	2.1577

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
214.67	695.6403	3.1069
214.76	693.8226	3.1082
215.1	691.9693	3.1123
215.12	693.787	3.115
215.92	692.0049	3.1258
215.98	693.3236	3.1258
216.9	691.5416	3.1393
217.17	693.3236	3.1433
217.72	691.4347	3.1514
217.86	693.2524	3.1541
217.98	692.0049	3.1555
218.88	690.2229	3.1676
219.25	692.0049	3.173
219.3	690.1872	3.1744
219.98	690.7218	3.1825
220.14	688.8685	3.1865
220.84	686.9795	3.1973
220.87	685.1619	3.1973
221.02	686.9795	3.1987
221.21	688.7616	3.2014
221.26	686.9439	3.2027
221.98	686.7301	3.2122
222.44	684.8767	3.2189
222.91	682.9878	3.2257
223.18	684.8054	3.2311
223.34	682.9521	3.2324
223.98	683.2372	3.2419
224.46	681.3839	3.2486
224.63	683.2016	3.2513
224.86	681.3483	3.2554
225.01	679.4949	3.2567
225.11	681.3126	3.2581
225.89	679.4237	3.2689
225.98	680.3503	3.2716
226.86	678.5683	3.2837
227.49	676.7149	3.2918
227.98	675.7883	3.2986
228.09	673.9706	3.3013
228.87	672.1885	3.3134
228.99	670.3352	3.3161
229.06	672.1529	3.3161
229.21	673.9706	3.3175
229.26	672.1529	3.3175
229.45	670.2996	3.3202
229.48	672.1173	3.3215
229.98	670.6203	3.3283
230.67	668.7314	3.3377
230.93	666.878	3.3432
231.02	668.6601	3.3445
231.76	666.7711	3.3553
231.98	667.0206	3.358
232.57	665.1316	3.3661
232.9	663.2783	3.3715
233.02	665.096	3.3729

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
297.63	652.0372	4.4908
297.98	653.0362	4.4962
298.35	654.8621	4.5016
298.48	656.5846	4.503
298.53	654.8621	4.5043
298.6	656.5846	4.5057
299.1	658.376	4.5138
299.35	656.619	4.5165
299.57	658.4449	4.5192
299.65	660.2018	4.5205
299.84	662.0277	4.5232
299.98	663.2679	4.5259
300.6	665.0937	4.534
301.25	666.8852	4.5435
301.35	665.1282	4.5462
301.44	663.3712	4.5462
301.52	665.0937	4.5475
301.57	666.8507	4.5475
301.6	668.6077	4.5462
301.62	670.4335	4.5489
301.98	670.2613	4.5543
302.16	672.1216	4.557
302.79	673.913	4.5665
303.25	675.7044	4.5732
303.3	673.9474	4.5746
303.33	672.2249	4.5759
303.35	670.468	4.5746
303.41	668.7455	4.5759
303.45	666.9885	4.5773
303.55	668.7455	4.5759
303.57	670.468	4.5759
303.58	672.2249	4.5746
303.6	673.9474	4.5746
303.61	675.7044	4.5759
303.62	677.4269	4.5773
303.79	679.2527	4.5813
303.98	679.3561	4.584
304.35	681.1475	4.5894
304.78	682.9734	4.5948
305.37	681.1819	4.6043
305.43	679.425	4.6056
305.55	681.1819	4.6029
305.56	683.0078	4.6056
305.61	684.7648	4.6056
305.63	686.4873	4.607
305.97	687.4863	4.6137
306.41	689.2777	4.6191
306.61	687.5208	4.6218
306.69	689.2777	4.6232
307.24	691.0691	4.6313
307.3	689.3122	4.6326
307.35	687.5552	4.634
307.52	689.2777	4.6353
307.62	691.0347	4.6353

UCS Test Results, Stage Three

S2N2-1	7 Days		S2N2-2	7 Days		S2N3-1	7 Days		S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
67.501	445.7496	1.1828	147.89	263.7062	2.155	233.06	663.2427	3.3742	307.97	690.9658	4.6421
67.509	445.7496	1.1814	147.89	264.8442	2.155	233.16	665.0604	3.3756	308.83	692.7572	4.6542
67.52	445.7496	1.1814	147.99	266.0518	2.159	233.35	663.207	3.3783	309.08	691.0002	4.6569
67.53	445.7496	1.1814	148.24	267.2362	2.1631	233.58	661.3537	3.3823	309.26	692.8261	4.6596
67.541	445.7496	1.1828	148.57	268.4207	2.1698	233.65	663.207	3.3823	309.38	691.0691	4.6623
67.551	445.7496	1.1841	148.98	269.6051	2.1739	233.77	661.3537	3.385	309.57	692.895	4.665
67.56	445.7496	1.1841	149.29	270.7895	2.1793	233.88	663.1714	3.385	309.67	694.6519	4.665
67.568	445.7496	1.1828	149.69	270.7895	2.1847	233.93	661.3537	3.3864	309.97	694.0318	4.6704
67.574	445.7496	1.1841	149.73	270.7895	2.1874	233.98	661.3537	3.3864	310.33	695.8232	4.6758
67.581	445.7496	1.1841	149.75	270.7895	2.1874	234.57	659.4647	3.3958	310.83	697.6491	4.6826
67.589	445.7496	1.1841	149.77	270.7895	2.1874	235.51	657.647	3.4107	311.21	699.4405	4.688
67.594	445.7496	1.1828	149.79	270.7895	2.1874	235.98	656.8986	3.4161	311.29	697.718	4.6893
67.601	445.7496	1.1855	149.8	270.7895	2.1887	236.17	655.0452	3.4188	311.57	699.5094	4.6934
67.61	445.7496	1.1828	149.82	270.7895	2.1874	236.34	653.1919	3.4215	311.64	701.2664	4.6934
67.619	445.7496	1.1828	149.85	270.7895	2.1901	236.82	651.3386	3.4296	311.95	703.0922	4.6974
67.624	445.7496	1.1828	149.87	270.7895	2.1874	236.98	649.5209	3.4309	311.97	702.8511	4.6988
67.634	445.7496	1.1828	149.93	270.7895	2.186	237.37	647.6676	3.435	312.4	704.6425	4.7055
67.65	445.7496	1.1801	149.97	270.7895	2.186	237.4	649.4496	3.4363	312.66	706.4683	4.7096
67.749	445.7496	1.176	149.99	270.7895	2.186	237.57	647.6319	3.439	313.21	708.2597	4.7177
67.758	445.7496	1.176	149.99	270.7895	2.1847	237.95	645.7786	3.4444	313.33	706.5028	4.719
67.763	445.7496	1.1733	150	270.7895	2.186	237.98	646.135	3.4444	313.5	704.7458	4.7217
67.77	445.7496	1.1747	150.01	270.7895	2.1847	238.04	647.9527	3.4458	313.55	706.5028	4.7204
67.777	445.7496	1.1747	150.02	270.7895	2.1847	238.14	646.0994	3.4471	313.58	708.2253	4.7217
67.781	445.7496	1.1733	150.03	270.7895	2.1847	238.61	644.246	3.4539	313.62	709.9478	4.7231
67.789	445.7496	1.172	150.04	270.7895	2.1847	238.94	642.3927	3.4593	313.97	710.8435	4.7271
67.793	445.7496	1.172	150.04	270.7895	2.1847	239.01	644.2104	3.4593	314.22	712.6693	4.7312
67.799	445.7496	1.1706	150.05	270.7895	2.1847	239.85	642.4283	3.4728	314.86	714.4608	4.7406
67.803	445.7496	1.1733	150.06	270.8592	2.1847	239.98	641.6799	3.4741	315.39	712.6693	4.7487
67.809	445.7496	1.172	150.07	272.0436	2.1874	240.04	643.4976	3.4741	315.52	714.3919	4.7501
67.812	445.7496	1.1733	150.08	273.2512	2.1887	240.12	641.6799	3.4768	315.6	716.1144	4.7514
67.817	445.7496	1.1733	150.15	274.4356	2.1914	240.2	643.4976	3.4768	315.97	716.8723	4.7568
67.821	445.7496	1.1733	150.94	275.62	2.2009	240.66	641.6442	3.4836	316.58	718.6637	4.7663
67.826	445.7496	1.1733	151.39	276.8044	2.209	241.5	639.7196	3.4957	316.65	716.9067	4.7676
67.83	445.7496	1.172	151.75	276.8044	2.2157	241.57	641.5373	3.4984	316.9	718.7326	4.7703
67.834	445.7496	1.172	151.9	276.8044	2.2144	241.63	639.7196	3.4971	317.32	716.9412	4.7784
67.84	445.7496	1.1733	151.95	277.9889	2.2144	241.98	641.0027	3.5038	317.39	715.2187	4.7784
67.844	445.7496	1.1747	151.97	279.1733	2.2157	242.03	639.185	3.5038	317.51	716.9412	4.7784
67.851	445.7496	1.1774	151.99	279.4984	2.2171	242.13	641.0027	3.5052	317.57	718.6637	4.7798
67.859	445.7496	1.1774	152.31	280.6828	2.2211	242.3	639.1494	3.5079	317.62	720.3862	4.7811
67.87	445.7496	1.1801	152.85	281.8672	2.2292	242.45	640.9671	3.5092	317.86	722.2465	4.7838
67.885	448.66	1.1814	153.23	283.0516	2.236	242.51	639.1494	3.5106	317.97	722.901	4.7865
67.994	448.66	1.1841	153.74	283.0516	2.2441	242.92	637.2604	3.5173	318.34	724.7269	4.7919
68.482	448.66	1.1963	153.85	283.0516	2.2441	243.09	639.0781	3.5187	318.55	722.9699	4.7946
68.492	448.66	1.1949	153.91	284.2128	2.2468	243.98	638.7573	3.5308	318.6	724.6924	4.7946
68.502	448.66	1.1963	153.99	285.4205	2.2454	244.22	636.904	3.5362	319.18	726.4838	4.8041
68.512	448.66	1.1976	153.99	285.5134	2.2454	244.28	638.7217	3.5362	319.32	724.7269	4.8054
68.522	448.66	1.1963	154.31	286.6978	2.2522	244.36	636.904	3.5376	319.4	723.0044	4.8068
68.529	448.66	1.1963	154.37	286.6978	2.2508	244.94	635.015	3.547	319.48	724.7269	4.8081
68.535	448.66	1.1976	154.44	286.6978	2.2522	245.18	636.8327	3.5497	319.6	726.4494	4.8081
68.543	448.66	1.1963	154.7	287.8822	2.2576	245.31	634.9794	3.5511	319.79	728.2408	4.8135
68.552	448.66	1.1976	155.11	289.0666	2.2616	245.76	633.1261	3.5578	319.97	728.5853	4.8149
68.561	448.66	1.1976	155.59	290.2278	2.2697	245.79	634.9437	3.5578	320.52	730.3767	4.823
68.566	448.66	1.2003	155.68	290.2278	2.2711	245.96	633.1261	3.5605	320.58	728.6197	4.8243
68.574	448.66	1.199	155.8	290.2278	2.2738	245.98	632.9835	3.5605	320.62	730.3767	4.8243

UCS Test Results, Stage Three

S2N2-1	7 Days		S2N2-2	7 Days		S2N3-1	7 Days		S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
68.581	448.66	1.199	155.89	290.2278	2.2711	246.4	631.1302	3.5659	320.91	732.1681	4.8297
68.585	448.66	1.2003	155.9	290.2278	2.2738	246.47	632.9478	3.5673	320.98	730.4456	4.8297
68.592	448.66	1.2003	155.95	291.4122	2.2751	246.66	631.0945	3.5713	321.14	732.1681	4.8311
68.597	448.66	1.2003	155.99	292.1322	2.2751	247.09	629.2412	3.5754	321.32	730.4112	4.8351
68.604	448.66	1.199	156.47	293.3166	2.2832	247.11	631.0589	3.5767	321.57	732.1337	4.8365
68.609	448.66	1.1976	156.95	294.501	2.2886	247.8	629.1699	3.5875	321.61	733.9595	4.8392
68.615	448.66	1.199	157.25	295.6854	2.2927	247.98	629.2768	3.5889	321.97	735.4409	4.8432
68.624	448.66	1.1976	157.74	295.6854	2.3008	248.78	627.3879	3.601	322.65	737.1978	4.854
68.634	448.66	1.1963	157.89	295.6854	2.2994	249.74	625.6058	3.6145	323.11	738.9892	4.8595
68.655	448.66	1.1949	157.9	296.8466	2.3048	249.98	625.5702	3.6186	323.32	737.2323	4.8649
68.739	448.66	1.1936	157.96	298.0542	2.3035	250.62	623.6812	3.6294	323.4	735.5098	4.8649
68.753	448.66	1.1922	157.99	298.0542	2.3048	250.9	621.8635	3.6321	323.51	737.3356	4.8676
68.771	448.66	1.1909	158.36	299.169	2.3089	251.1	620.0458	3.6348	323.6	739.0581	4.8676
68.777	448.66	1.1895	158.9	300.3534	2.3156	251.14	621.8279	3.6348	323.63	740.7806	4.8676
68.784	448.66	1.1895	159.15	301.5378	2.3197	251.3	620.0102	3.6375	323.97	741.3318	4.873
68.792	448.66	1.1882	159.59	302.699	2.3278	251.92	618.1212	3.6483	324.43	743.1232	4.8797
68.796	448.66	1.1882	159.66	302.699	2.3318	251.97	616.3035	3.6483	325.46	741.4007	4.8932
68.802	448.66	1.1882	159.73	302.699	2.3318	251.98	616.1966	3.6469	325.55	743.1232	4.8946
68.806	448.66	1.1868	159.75	302.699	2.3305	252.09	617.9786	3.6497	325.57	744.9491	4.8973
68.813	448.66	1.1868	159.82	302.699	2.3318	252.3	616.161	3.6524	325.89	746.775	4.9
68.816	448.66	1.1855	159.93	302.699	2.3291	252.7	614.3076	3.6591	325.97	746.2926	4.9027
68.821	448.66	1.1855	159.94	302.699	2.3278	253.02	612.4543	3.6618	326.41	748.0841	4.9094
68.824	448.66	1.1855	159.95	302.699	2.3278	253.1	614.272	3.6645	326.46	746.3615	4.9108
68.828	448.66	1.1855	159.96	302.699	2.3291	253.61	612.4187	3.6713	326.53	748.0841	4.9094
68.832	448.66	1.1855	159.98	303.9066	2.3305	253.98	612.9533	3.678	326.87	749.8755	4.9162
68.835	448.66	1.1855	159.99	304.2782	2.3332	254.03	611.1712	3.6767	327.02	748.153	4.9162
68.839	448.66	1.1895	160.61	305.4626	2.3426	254.6	609.2822	3.6861	327.12	749.9788	4.9202
68.844	448.66	1.1895	161.22	306.6238	2.3507	254.85	607.4289	3.6902	327.17	748.2563	4.9189
68.85	448.66	1.1895	161.58	307.8314	2.3548	255.09	605.6112	3.6915	327.27	750.0822	4.9216
68.856	448.66	1.1895	161.69	307.8314	2.3602	255.16	607.4289	3.6929	327.31	748.3252	4.9216
68.865	448.66	1.1922	161.74	307.8314	2.3602	255.58	605.5756	3.6996	327.38	746.6027	4.9229
68.874	448.66	1.1922	161.77	307.8314	2.3602	255.98	604.542	3.7064	327.49	748.4286	4.9243
68.886	450.372	1.1936	161.8	307.8314	2.3588	256.47	602.6887	3.7131	327.6	750.2889	4.9256
69.497	450.372	1.2098	161.87	307.8314	2.3615	256.91	600.8353	3.7199	327.73	752.1147	4.9283
69.514	450.372	1.2084	161.94	307.8314	2.3588	257.85	598.9464	3.7334	327.97	751.9425	4.9324
69.527	450.372	1.2098	161.95	307.8314	2.3588	257.98	599.9087	3.7347	328.23	753.7683	4.9351
69.543	450.372	1.2071	161.96	307.8314	2.3588	258.44	598.0553	3.7415	328.95	755.5253	4.9459
69.565	450.372	1.2111	161.97	307.8314	2.3561	258.69	596.202	3.7455	329.01	753.8028	4.9459
69.576	450.372	1.2098	161.98	307.8314	2.3575	258.89	594.3843	3.7482	329.08	755.5253	4.9459
69.587	450.372	1.2111	161.99	308.6907	2.3602	259.17	596.1664	3.7523	329.35	753.7683	4.9526
69.597	450.372	1.2125	162.04	309.8751	2.3629	259.31	594.3487	3.7536	329.58	755.5942	4.954
69.607	450.372	1.2111	162.5	311.0596	2.3696	259.77	592.4954	3.7604	329.88	757.3856	4.9594
69.616	450.372	1.2111	162.85	312.244	2.375	259.98	592.9587	3.7631	329.97	756.3521	4.9607
69.625	450.372	1.2111	163.3	313.4052	2.3818	260.19	591.1054	3.7671	330.52	758.1435	4.9688
69.631	450.372	1.2138	163.75	313.4052	2.3899	260.81	589.2164	3.7766	331.2	759.9004	4.9783
69.64	450.372	1.2125	163.81	313.4052	2.3899	261.03	587.3987	3.7793	331.28	758.1435	4.9796
69.649	450.372	1.2138	163.9	313.4052	2.3872	261.15	589.2164	3.7806	331.43	756.421	4.9823
69.66	450.372	1.2138	163.92	313.4052	2.3885	261.27	587.3631	3.7833	331.56	758.1435	4.9823
69.668	450.372	1.2125	163.94	314.5896	2.3885	261.91	585.5097	3.7928	331.59	759.9693	4.9837
69.677	450.372	1.2125	163.97	315.7972	2.3899	261.98	586.579	3.7941	331.97	760.7272	4.9891
69.683	450.372	1.2138	163.99	316.0294	2.3912	262.04	584.7613	3.7941	332.12	762.5531	4.9918
69.692	450.372	1.2125	164.18	317.2139	2.3939	262.56	582.9079	3.8009	332.33	760.7961	4.9958
69.702	450.372	1.2125	164.25	317.2139	2.3953	262.88	581.0902	3.8049	332.51	762.6565	4.9958
69.72	450.372	1.2098	164.48	317.2139	2.398	263.11	582.9792	3.8103	333.36	760.9339	5.0093

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.797	450.372	1.2057
69.808	450.372	1.2044
69.817	450.372	1.2057
69.826	450.372	1.2071
69.832	450.372	1.2044
69.839	450.372	1.203
69.847	450.372	1.2044
69.851	450.372	1.203
69.858	450.372	1.203
69.862	450.372	1.2044
69.869	450.372	1.203
69.874	450.372	1.203
69.879	450.372	1.203
69.884	450.372	1.2057
69.89	450.372	1.203
69.895	450.372	1.2044
69.9	450.372	1.203
69.905	450.372	1.203
69.91	450.372	1.203
69.918	450.372	1.2057
69.923	450.7144	1.2071
69.933	453.6819	1.2111
69.994	456.0787	1.2152
70.17	456.0787	1.2152
70.751	456.0787	1.2247
71.526	456.0787	1.2382
71.543	456.0787	1.2368
71.555	456.0787	1.2382
71.567	456.0787	1.2395
71.584	456.0787	1.2395
71.594	456.0787	1.2395
71.605	456.0787	1.2422
71.615	456.0787	1.2409
71.623	456.0787	1.2409
71.629	456.0787	1.2409
71.638	456.0787	1.2436
71.647	456.0787	1.2422
71.656	456.0787	1.2422
71.665	456.0787	1.2422
71.669	456.0787	1.2422
71.677	456.0787	1.2422
71.686	456.0787	1.2422
71.696	456.0787	1.2422
71.702	456.0787	1.2409
71.709	456.0787	1.2422
71.721	456.0787	1.2395
71.807	456.0787	1.2341
71.816	456.0787	1.2341
71.825	456.0787	1.2328
71.833	456.0787	1.2355
71.837	456.0787	1.2328
71.845	456.0787	1.2341
71.851	456.0787	1.2314
71.856	456.0787	1.2341

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
164.76	318.375	2.4034
164.83	318.375	2.4034
165.17	318.375	2.4088
165.2	318.375	2.4088
165.27	318.375	2.4101
165.33	318.375	2.4115
165.44	318.375	2.4128
165.65	318.375	2.4155
165.79	318.375	2.4182
165.84	318.375	2.4182
165.94	318.375	2.4182
165.96	318.375	2.4196
165.99	318.375	2.4209
166.31	318.375	2.425
166.6	318.375	2.4291
166.82	318.375	2.4331
167.12	318.375	2.4358
167.34	318.4215	2.4399
167.75	318.4215	2.448
167.82	318.4215	2.4466
167.9	318.4215	2.4466
167.92	318.4215	2.4439
167.93	319.6059	2.448
167.95	320.7903	2.448
167.99	321.3477	2.4493
168.26	322.5321	2.4534
168.66	323.7165	2.4588
168.98	324.9009	2.4628
169.41	326.0853	2.4696
169.9	327.2465	2.479
169.98	328.4542	2.4777
169.99	328.4542	2.479
170.5	329.2902	2.4871
171.19	330.4514	2.4952
171.61	331.6358	2.502
171.66	331.6358	2.5047
171.73	331.6358	2.5047
171.76	331.6358	2.5047
171.81	331.6358	2.5047
171.92	331.6358	2.5033
171.93	331.6358	2.502
171.94	331.6358	2.5033
171.96	331.6358	2.5033
171.97	332.8202	2.506
171.99	333.2847	2.5074
172.53	334.4691	2.5155
173.39	335.7	2.5276
173.7	335.7	2.533
173.92	335.7	2.533
173.94	336.8844	2.5344
173.99	337.1167	2.5357
174.55	338.2778	2.5438
174.85	339.4623	2.5479
175.38	340.6234	2.556

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
263.16	581.1615	3.8103
263.68	579.3082	3.8171
263.98	579.6646	3.8211
264.26	577.8113	3.8265
264.85	575.9579	3.8346
265.59	574.069	3.8441
265.98	573.6769	3.8508
266.28	571.8236	3.8549
266.89	569.9703	3.8643
267.83	568.0813	3.8778
267.98	568.4021	3.8805
268.3	566.5844	3.8846
268.51	564.7667	3.8873
268.86	562.9134	3.8927
269.7	561.0244	3.9048
269.98	560.7749	3.9075
270.06	558.9572	3.9102
270.62	557.1039	3.917
270.71	558.8859	3.9183
270.79	557.0682	3.921
271.06	555.2505	3.9237
271.11	557.0326	3.9251
271.35	555.2149	3.9291
271.98	553.8249	3.9372
272.13	555.607	3.9413
272.16	553.8249	3.9413
272.48	551.9716	3.944
272.69	553.7536	3.948
272.8	551.9359	3.9494
273.4	550.0826	3.9589
273.92	548.2293	3.967
273.98	549.548	3.9656
274.32	547.7303	3.971
274.84	545.8413	3.9818
274.89	544.0593	3.9791
275.63	542.1703	3.9899
275.92	540.3526	3.994
275.98	541.0654	3.9953
276.32	539.2121	4.0007
276.72	537.3944	4.0061
277.08	535.5411	4.0115
277.28	536.1114	4.0156

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
333.51	762.7598	5.012
333.62	764.4823	5.012
333.9	766.2737	5.0174
333.93	764.5512	5.0188
333.97	763.4144	5.0174
334.06	765.2058	5.0201
334.62	766.9972	5.0282
335.29	765.1713	5.039
335.42	763.4488	5.039
335.48	765.1713	5.039
335.54	767.0316	5.0404
335.66	768.8575	5.0431
335.97	767.445	5.0471
336.02	769.2709	5.0485
336.54	771.0278	5.0566
336.68	769.3053	5.0566
336.78	771.1312	5.0579
337.35	769.3398	5.066
337.55	771.1656	5.0701
337.6	772.9915	5.0714
337.97	773.1982	5.0755
338.26	775.024	5.0795
338.8	776.781	5.0876
339.33	774.9896	5.0957
339.56	776.8154	5.0998
339.61	778.5379	5.0998
339.97	778.848	5.1038
340.38	780.6394	5.1106
341.24	782.3619	5.1241
341.31	780.605	5.1268
341.39	778.7791	5.1254
341.5	780.605	5.1281
341.56	782.4308	5.1295
341.7	784.2911	5.1308
341.97	784.6012	5.1349
342.48	786.3581	5.1416
342.87	784.6012	5.147
343.1	786.427	5.1511
343.36	784.6356	5.1551
343.4	782.9131	5.1551
343.56	784.739	5.1565
343.59	786.4959	5.1565
343.97	786.6682	5.1633
344.68	788.4251	5.1741
344.89	786.6682	5.1754
344.97	788.494	5.1781
345.3	786.7371	5.1822
345.57	788.5285	5.1862
345.61	790.251	5.1862
345.97	789.6309	5.193
346.56	791.4223	5.2011
346.79	789.6653	5.2038
346.94	791.4912	5.2065
347.31	789.7342	5.2105

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
71.861	456.0787	1.2341
71.866	456.0787	1.2314
71.872	456.0787	1.2314
71.877	456.0787	1.2301
71.881	456.0787	1.2314
71.886	456.0787	1.2314
71.889	456.0787	1.2314
71.895	456.0787	1.2328
71.898	456.0787	1.2301
71.903	456.0787	1.2341
71.908	456.0787	1.2341
71.916	456.0787	1.2355
71.926	456.364	1.2355
71.936	459.3315	1.2382
71.948	462.299	1.2409
71.994	462.6984	1.2422
72.526	462.6984	1.2544
72.535	462.6984	1.253
72.542	462.6984	1.253
72.551	462.6984	1.2544
72.564	462.6984	1.2544
72.57	462.6984	1.2544
72.58	462.6984	1.2557
72.589	462.6984	1.2557
72.599	462.6984	1.2557
72.607	462.6984	1.2571
72.615	462.6984	1.2571
72.622	462.6984	1.2584
72.629	462.6984	1.2571
72.635	462.6984	1.2571
72.641	462.6984	1.2584
72.648	462.6984	1.2571
72.652	462.6984	1.2598
72.66	462.6984	1.2571
72.666	462.6984	1.2557
72.672	462.6984	1.2557
72.682	462.6984	1.2557
72.7	462.6984	1.2544
72.723	462.6984	1.253
72.78	462.6984	1.2503
72.788	462.6984	1.2517
72.81	462.6984	1.2463
72.819	462.6984	1.2476
72.825	462.6984	1.2476
72.83	462.6984	1.2476
72.836	462.6984	1.2463
72.841	462.6984	1.2463
72.847	462.6984	1.2476
72.851	462.6984	1.2436
72.857	462.6984	1.2463
72.86	462.6984	1.2449
72.865	462.6984	1.2436
72.87	462.6984	1.2449
72.872	462.6984	1.2436

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
175.89	341.8079	2.5641
175.95	342.9923	2.5641
175.99	343.2245	2.5654
176.37	344.4089	2.5695
176.72	344.4089	2.5762
176.77	344.4089	2.5749
176.93	345.5701	2.5789
177.25	346.7545	2.5843
177.74	346.7545	2.5911
177.85	346.7545	2.5924
177.9	347.9157	2.5938
177.97	349.1234	2.5924
177.99	349.4253	2.5951
179.11	350.6561	2.61
179.6	351.8173	2.6181
179.65	351.8173	2.6194
179.7	351.8173	2.6194
179.73	351.8173	2.6221
179.75	351.8173	2.6208
179.79	351.8173	2.6221
179.84	351.8173	2.6221
179.94	351.8173	2.6181
179.95	351.8173	2.6181
179.95	351.8173	2.6181
179.96	351.8173	2.6194
179.98	351.8173	2.6194
179.99	351.8173	2.6208
180	352.7695	2.6235
180.04	353.9539	2.6235
180.55	355.1151	2.6316
181.03	356.2995	2.6383
181.58	357.4607	2.6451
181.69	357.4607	2.6491
181.73	357.4607	2.6505
181.78	357.4607	2.6505
181.91	357.4607	2.6464
181.92	357.4607	2.6478
181.94	357.4607	2.6505
181.95	358.6451	2.6518
181.98	359.8295	2.6518
181.99	359.8295	2.6518
182.44	360.9907	2.6599
182.96	362.1751	2.6667
183.19	363.3595	2.6694
183.33	364.544	2.6721
183.41	364.544	2.6721
183.46	364.544	2.6734
183.67	364.544	2.6775
183.75	364.544	2.6775
183.87	364.544	2.6761
183.88	364.544	2.6788
183.93	365.7284	2.6775
183.96	366.8896	2.6815
183.99	366.8896	2.6815

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
347.45	787.9773	5.2132
347.51	789.8031	5.2146
347.61	791.5256	5.2146
347.66	793.3515	5.2159
347.97	792.8692	5.2213
349.35	791.0778	5.2402
349.59	792.9036	5.2429
349.64	794.7295	5.2456
349.97	795.3841	5.2497
351.22	797.1755	5.2672
351.28	795.453	5.2699
351.36	793.696	5.2713
351.47	795.4185	5.2713
351.61	797.2444	5.2726
351.97	798.0023	5.2794
352.31	799.7937	5.2848
352.37	798.0712	5.2848
352.7	799.897	5.2888
353.33	798.0712	5.2996
353.6	799.897	5.3023
353.74	801.6884	5.305
353.81	799.9659	5.3064
353.97	800.6549	5.3077
355.33	798.8635	5.3266
355.58	800.6894	5.3307
355.97	801.5506	5.3374
357.33	799.7592	5.3563
357.56	801.5851	5.3604
357.87	803.3765	5.3644
357.93	801.654	5.3658
357.97	802.1018	5.3658
359.26	800.3449	5.386
359.55	802.1363	5.3901
359.97	802.5497	5.3941
360.92	804.3755	5.409
361	802.653	5.4103
361.04	804.3755	5.4103
361.09	802.653	5.4117
361.39	800.8616	5.4171
361.55	802.5841	5.4171
361.6	804.41	5.4184
361.85	802.653	5.4225
361.91	804.3755	5.4225
361.97	804.2377	5.4252
362.81	802.4463	5.4346
362.83	804.2722	5.436
363.42	802.4808	5.4441
363.58	804.3066	5.4468
363.97	805.5124	5.4535
365.35	803.721	5.4738
365.41	801.8951	5.4738
365.47	803.6176	5.4738
365.59	805.4435	5.4752
365.62	807.2693	5.4765

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
72.877	462.6984	1.2463
72.881	462.6984	1.2449
72.884	462.6984	1.2436
72.889	462.6984	1.2463
72.893	462.6984	1.2476
72.899	462.6984	1.249
72.903	462.6984	1.2503
72.912	462.8126	1.2517
72.923	465.7801	1.2544
73.732	468.7475	1.2665
73.994	468.7475	1.2692
74.12	469.3182	1.2719
74.547	469.3182	1.2827
74.565	469.3182	1.2814
74.577	469.3182	1.2827
74.589	469.3182	1.2841
74.606	469.3182	1.2841
74.617	469.3182	1.2827
74.628	469.3182	1.2854
74.638	469.3182	1.2827
74.65	469.3182	1.2854
74.662	469.3182	1.2841
74.67	469.3182	1.2854
74.686	469.3182	1.2841
74.694	469.3182	1.2854
74.701	469.3182	1.2868
74.711	469.3182	1.2868
74.72	469.3182	1.2868
74.73	469.3182	1.2868
74.74	469.3182	1.2868
74.749	469.3182	1.2854
74.759	469.3182	1.2841
74.77	469.3182	1.2841
74.835	469.3182	1.2787
74.846	469.3182	1.2787
74.855	469.3182	1.2773
74.879	469.3182	1.2787
74.889	469.3182	1.2787
74.897	469.3182	1.276
74.902	469.3182	1.2787
74.908	469.3182	1.2773
74.913	469.3182	1.276
74.919	469.3182	1.2773
74.925	469.3182	1.276
74.929	469.3182	1.2773
74.933	469.3182	1.276
74.939	469.3182	1.2746
74.943	469.3182	1.2746
74.948	469.3182	1.2773
74.951	469.3182	1.276
74.955	469.3182	1.276
74.96	469.3182	1.2773
74.964	469.3182	1.2773
74.972	469.6606	1.28

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
184.32	367.5166	2.6883
184.62	368.701	2.6896
185.12	369.8622	2.6977
185.44	371.0466	2.7018
185.67	371.0466	2.7058
185.87	371.0466	2.7072
185.95	372.2078	2.7085
185.98	372.9974	2.7112
186.38	374.1818	2.7153
186.72	375.3662	2.7207
187.18	376.5274	2.7274
187.49	377.6886	2.7329
187.7	377.6886	2.7369
187.88	377.6886	2.7369
187.95	378.873	2.7369
187.98	380.0807	2.7383
187.98	380.0807	2.7396
188.33	381.0793	2.7437
188.73	382.2637	2.7491
189	383.4249	2.7545
189.47	384.6093	2.7612
189.68	384.6093	2.7639
189.78	384.6093	2.7666
189.85	384.6093	2.7639
189.87	384.6093	2.7639
189.95	385.7705	2.7666
189.98	386.4208	2.7666
190.27	387.582	2.772
190.95	388.8128	2.7815
191.26	389.9972	2.7869
191.7	389.9972	2.795
191.87	389.9972	2.7936
191.93	391.1584	2.7963
191.98	391.7855	2.7963
192.37	392.9699	2.8017
192.86	394.2007	2.8098
192.87	395.3852	2.8125
192.87	396.5696	2.8139
192.87	397.754	2.8139
192.9	397.754	2.8139
192.91	397.754	2.8139
192.92	397.754	2.8166
192.93	397.754	2.8152
192.93	397.754	2.8152
192.94	397.754	2.8152
192.95	397.754	2.8152
192.96	397.754	2.8166
192.96	397.754	2.8152
192.97	397.754	2.8179
192.98	397.754	2.8179
192.98	397.754	2.8166
192.99	397.754	2.8179
193	397.754	2.8166
193	397.754	2.8179

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
365.85	805.5124	5.4806
365.9	807.2349	5.4806
365.97	806.6492	5.4819
366.71	804.8234	5.4927
366.9	806.6492	5.4954
367.28	804.8578	5.5022
367.57	806.6837	5.5049
367.97	806.6148	5.5116
368.44	808.4062	5.517
368.79	806.6492	5.5224
369.49	804.8234	5.5319
369.54	806.6492	5.5346
369.67	808.4751	5.5346
369.76	806.7526	5.5373
369.97	807.6138	5.5413
371.32	805.8569	5.5602
371.55	807.6827	5.5616
371.58	809.5086	5.5629
371.97	809.4741	5.5683
373.44	807.6827	5.5899
373.56	809.4741	5.5913
373.67	811.3	5.5926
373.9	809.543	5.5967
373.97	810.5765	5.5994
374.24	808.8196	5.6021
374.47	810.611	5.6061
374.72	808.8885	5.6088
375.37	807.0971	5.6183
375.59	808.8885	5.6223
375.71	807.1315	5.6237
375.89	805.409	5.6264
375.97	805.5124	5.6277
376.15	803.7899	5.6291
376.82	801.964	5.6399
377.24	803.7554	5.6453
377.29	802.0329	5.6466
377.3	803.8588	5.648
377.31	805.6846	5.648
377.33	803.9621	5.6493
377.35	802.1018	5.6493
377.36	800.276	5.6493
377.37	798.5535	5.6507
377.39	796.7276	5.6493
377.4	795.0051	5.6507
377.41	793.1448	5.6507
377.43	791.3189	5.6507
377.44	789.4931	5.6507
377.45	787.6328	5.652
377.47	785.8069	5.6507
377.48	783.9811	5.6507
377.49	782.2586	5.652
377.51	780.4327	5.6507
377.53	778.7102	5.652
377.54	776.9877	5.6534

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
74.981	472.6281	1.2814
75.002	475.5956	1.2854
75.559	475.5956	1.2949
75.581	475.5956	1.2949
75.602	475.5956	1.2976
75.619	475.5956	1.2962
75.641	475.5956	1.2976
75.653	475.5956	1.2976
75.672	475.5956	1.2976
75.683	475.5956	1.2989
75.699	475.5956	1.2989
75.713	475.5956	1.2976
75.723	475.5956	1.3003
75.736	475.5956	1.3003
75.754	475.5956	1.3003
75.765	475.5956	1.3003
75.777	475.5956	1.3003
75.796	475.5956	1.2976
75.827	475.5956	1.3003
75.883	475.5956	1.2949
75.894	475.5956	1.2922
75.904	475.5956	1.2935
75.913	475.5956	1.2935
75.922	475.5956	1.2935
75.929	475.5956	1.2935
75.934	475.5956	1.2935
75.942	475.5956	1.2949
75.948	475.5956	1.2935
75.955	475.5956	1.2922
75.963	475.5956	1.2935
75.967	475.5956	1.2935
75.974	475.5956	1.2935
75.982	475.5956	1.2935
75.986	475.5956	1.2908
75.994	475.5956	1.2935
76.005	475.5956	1.2935
76.014	477.707	1.2976
76.026	480.6745	1.2989
76.816	483.642	1.3111
76.882	483.642	1.3124
77.009	483.642	1.3151
77.449	486.5524	1.3205
77.535	486.5524	1.3259
77.546	486.5524	1.3259
77.558	486.5524	1.3246
77.575	486.5524	1.3273
77.584	486.5524	1.3246
77.595	486.5524	1.3259
77.607	486.5524	1.3286
77.616	486.5524	1.3259
77.624	486.5524	1.3273
77.635	486.5524	1.3273
77.64	486.5524	1.33
77.649	486.5524	1.3286

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.01	397.754	2.8166
193.01	397.754	2.8193
193.02	397.754	2.8193
193.02	397.754	2.8193
193.03	397.754	2.8179
193.04	397.754	2.8179
193.04	397.754	2.8193
193.04	397.754	2.8193
193.05	397.754	2.8179
193.06	397.754	2.8179
193.06	397.754	2.8179
193.07	397.754	2.8166
193.07	397.754	2.8179
193.08	397.754	2.8179
193.09	397.754	2.8166
193.09	397.754	2.8152
193.11	397.754	2.8152
193.13	397.754	2.8152
193.25	397.754	2.8139
193.27	397.754	2.8139
193.28	397.754	2.8139
193.29	397.754	2.8125
193.3	397.754	2.8125
193.31	397.754	2.8125
193.31	397.754	2.8125
193.32	397.754	2.8112
193.33	397.754	2.8125
193.33	397.754	2.8098
193.34	397.754	2.8112
193.34	397.754	2.8112
193.35	397.754	2.8112
193.35	397.754	2.8098
193.36	397.754	2.8112
193.36	397.754	2.8085
193.37	397.754	2.8112
193.37	397.754	2.8098
193.38	397.754	2.8085
193.38	397.754	2.8098
193.38	397.754	2.8098
193.39	397.754	2.8098
193.39	397.754	2.8098
193.39	397.754	2.8098
193.4	397.754	2.8112
193.4	397.754	2.8112
193.41	397.754	2.8112
193.41	397.754	2.8125
193.41	397.754	2.8125
193.42	397.754	2.8139
193.43	397.754	2.8152
193.44	397.754	2.8166
193.46	397.754	2.8193
193.64	397.754	2.822
193.72	397.754	2.8233
193.79	397.754	2.8247

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
377.55	775.1618	5.652
377.57	773.3015	5.652
377.59	771.4757	5.652
377.62	769.7532	5.6534
377.63	767.9273	5.6534
377.67	766.1015	5.652
377.83	767.9273	5.652
377.84	769.7532	5.652
377.86	771.579	5.652
377.87	773.4393	5.652
377.88	775.2652	5.652
377.89	777.091	5.652
377.89	778.8135	5.6507
377.9	780.6739	5.6507
377.91	782.4997	5.6507
377.91	784.36	5.6493
377.92	786.1859	5.6493
377.93	788.0117	5.6507
377.93	789.7342	5.6493
377.94	791.5601	5.6493
377.94	793.2826	5.648
377.95	795.1085	5.6493
377.95	796.9688	5.6493
377.96	798.7602	5.6507
377.96	800.5171	5.6493
377.97	801.7573	5.652
377.97	803.4798	5.6507
377.98	805.3057	5.6534
377.99	807.0971	5.6547
378	808.9229	5.6561
378.25	807.166	5.6601
378.85	805.3746	5.6682
378.89	807.2004	5.6696
378.98	805.4779	5.6709
379.08	807.3038	5.6723
379.17	805.5813	5.6736
379.3	803.8243	5.6763
379.35	802.1018	5.6777
379.49	803.9277	5.6777
379.52	805.7535	5.6777
379.82	807.5449	5.6831
379.88	805.7191	5.6831
379.97	806.4081	5.6844
381.33	804.6167	5.7047
381.52	806.4425	5.7074
381.97	807.4071	5.7128
382.82	805.5813	5.7249
382.88	807.4071	5.7276
383.05	805.6502	5.7303
383.16	807.476	5.7317
383.26	805.7535	5.733
383.44	804.031	5.7344
383.52	805.8224	5.7371
383.97	806.3736	5.7425

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
77.658	486.5524	1.33
77.663	486.5524	1.33
77.67	486.5524	1.33
77.678	486.5524	1.33
77.683	486.5524	1.33
77.691	486.5524	1.33
77.698	486.5524	1.3286
77.703	486.5524	1.3286
77.712	486.5524	1.3286
77.723	486.5524	1.3273
77.743	486.5524	1.3273
77.805	486.5524	1.3246
77.815	486.5524	1.3246
77.83	486.5524	1.3192
77.84	486.5524	1.3192
77.848	486.5524	1.3192
77.853	486.5524	1.3205
77.859	486.5524	1.3178
77.863	486.5524	1.3192
77.868	486.5524	1.3178
77.872	486.5524	1.3178
77.877	486.5524	1.3192
77.881	486.5524	1.3205
77.887	486.5524	1.3192
77.89	486.5524	1.3165
77.895	486.5524	1.3205
77.899	486.5524	1.3205
77.902	486.5524	1.3178
77.908	486.5524	1.3192
77.912	486.5524	1.3178
77.917	486.5524	1.3219
77.921	486.5524	1.3205
77.93	486.5524	1.3205
77.94	486.7236	1.3273
77.953	489.6911	1.3259
77.994	490.0906	1.3286
78.824	493.001	1.3421
79.537	493.001	1.3543
79.554	493.001	1.3529
79.575	493.001	1.3556
79.588	493.001	1.3556
79.605	493.001	1.3543
79.618	493.001	1.3556
79.635	493.001	1.357
79.644	493.001	1.3583
79.653	493.001	1.357
79.662	493.001	1.357
79.671	493.001	1.3583
79.679	493.001	1.3583
79.688	493.001	1.357
79.698	493.001	1.3597
79.707	493.001	1.3597
79.716	493.001	1.3583
79.725	493.001	1.357

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.87	397.754	2.8233
193.89	397.754	2.8247
193.93	397.754	2.8247
193.98	398.4971	2.8274
194.87	399.728	2.8382
195.14	400.9124	2.8436
195.51	402.0736	2.8476
195.7	402.0736	2.853
195.85	402.0736	2.8517
195.91	403.258	2.853
195.98	403.3974	2.8557
196.16	404.5818	2.8571
196.51	405.7662	2.8625
196.94	406.9274	2.8679
197.27	408.1118	2.8733
197.51	409.2962	2.876
197.7	409.2962	2.88
197.9	409.2962	2.8814
197.91	410.4574	2.88
197.98	410.8522	2.8841
198.24	412.0134	2.8868
198.71	413.2675	2.8949
199.08	414.4287	2.8989
199.27	415.6131	2.903
199.58	416.7975	2.907
199.76	416.7975	2.9097
199.86	416.7975	2.9097
199.92	417.9819	2.9097
199.98	418.6786	2.9138
200.37	419.8398	2.9178
201.49	421.0475	2.9354
201.71	421.0475	2.9381
201.82	421.0475	2.9394
201.89	422.2086	2.9394
201.91	423.4163	2.9394
201.98	423.9504	2.9421
202.27	425.1348	2.9475
202.41	426.3193	2.9489
202.77	427.4804	2.9529
203	428.6649	2.9556
203.22	429.8493	2.9597
203.44	431.0105	2.9637
203.51	431.0105	2.9651
203.82	431.0105	2.9678
203.86	432.1717	2.9691
203.97	433.3793	2.9705
203.98	433.3793	2.9705
204.12	434.5405	2.9745
204.3	434.5405	2.9759
204.37	434.5405	2.9759
204.58	435.7249	2.9786
204.85	436.8861	2.9826
205.31	438.0473	2.9894
205.36	439.2317	2.9907

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
385.27	804.5822	5.7627
385.44	802.7564	5.7627
385.51	804.5478	5.7654
385.65	806.3736	5.7668
385.97	804.72	5.7722
386.6	802.9286	5.7803
386.65	804.7545	5.7817
387.06	802.9975	5.7871
387.1	804.8234	5.7898
387.27	803.0664	5.7925
387.59	804.8923	5.7952
387.97	805.1679	5.8006
388.28	803.4109	5.806
388.38	805.2368	5.8073
388.46	803.5143	5.8087
389.43	801.6884	5.8222
389.51	803.4798	5.8235
389.57	805.2368	5.8222
389.9	803.4454	5.8289
389.96	805.2712	5.8303
389.97	805.0301	5.8303
390.09	803.3076	5.8316
390.48	801.5506	5.8384
390.54	803.2731	5.837
391.13	801.4817	5.8451
391.38	799.7248	5.8492
391.43	801.5506	5.8519
391.65	803.342	5.8546
391.74	801.6195	5.8559
391.97	802.3774	5.8586
392.06	800.6549	5.86
393.27	798.9324	5.8775
393.57	800.7238	5.8802
393.68	798.9669	5.8843
393.79	800.7927	5.8856
393.88	799.0702	5.887
393.96	800.8961	5.887
393.97	800.4138	5.8883
394.2	798.6568	5.8924
395	796.8654	5.9018
395.48	795.1085	5.9099
395.52	796.8999	5.9113
395.97	797.3133	5.9167
396.12	795.5908	5.9207
397.04	793.7649	5.9315
397.09	795.5908	5.9342
397.25	793.8338	5.9369
397.3	792.0079	5.9369
397.51	793.7993	5.9396
397.57	795.6597	5.9396
397.8	793.9027	5.9437
397.97	794.2127	5.9464
398.68	792.4213	5.9572
398.77	794.2127	5.9585

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
79.731	493.001	1.3583
79.74	493.001	1.3583
79.751	493.001	1.357
79.762	493.001	1.357
79.781	493.001	1.3529
79.806	493.001	1.3556
79.84	493.001	1.3502
79.847	493.001	1.3502
79.855	493.001	1.3529
79.863	493.001	1.3502
79.868	493.001	1.3489
79.876	493.001	1.3516
79.88	493.001	1.3489
79.887	493.001	1.3489
79.892	493.001	1.3502
79.897	493.001	1.3489
79.903	493.001	1.3489
79.907	493.001	1.3489
79.913	493.001	1.3502
79.917	493.001	1.3475
79.923	493.001	1.3516
79.928	493.001	1.3489
79.932	493.001	1.3475
79.938	493.001	1.3489
79.943	493.001	1.3502
79.948	493.001	1.3502
79.957	493.3434	1.3543
79.968	496.3109	1.3556
79.982	499.2783	1.3556
79.993	499.6778	1.357
81.027	502.5882	1.3718
81.551	502.5882	1.3826
81.562	502.5882	1.384
81.574	502.5882	1.3867
81.583	502.5882	1.3853
81.594	502.5882	1.3867
81.604	502.5882	1.3867
81.613	502.5882	1.3853
81.624	502.5882	1.388
81.634	502.5882	1.388
81.643	502.5882	1.3867
81.652	502.5882	1.388
81.657	502.5882	1.388
81.664	502.5882	1.3894
81.672	502.5882	1.388
81.676	502.5882	1.3894
81.684	502.5882	1.388
81.69	502.5882	1.3867
81.695	502.5882	1.388
81.704	502.5882	1.388
81.713	502.5882	1.3853
81.725	502.5882	1.3853
81.739	502.5882	1.3853
81.803	502.5882	1.3826

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
205.71	439.2317	2.9975
205.86	439.2317	2.9975
205.92	440.3929	2.9988
205.98	440.8806	2.9988
206.17	442.0418	3.0029
206.44	443.2262	3.0069
206.8	444.3874	3.011
207.05	445.5718	3.015
207.44	446.733	3.0204
207.66	446.733	3.0245
207.87	446.733	3.0272
207.92	447.8942	3.0272
207.94	449.0786	3.0285
207.98	449.0786	3.0285
208.32	449.845	3.0326
208.62	451.0062	3.038
208.71	451.0062	3.0394
208.76	451.0062	3.0394
208.96	452.1906	3.0434
209.33	453.3518	3.0475
209.53	453.3518	3.0515
209.7	453.3518	3.0542
209.86	453.3518	3.0556
209.92	453.3518	3.0556
209.98	454.2575	3.0583
210.62	455.4884	3.0664
210.84	456.6728	3.0704
210.96	456.6728	3.0718
211.01	456.6728	3.0731
211.26	457.834	3.0758
211.54	458.9951	3.0812
211.72	458.9951	3.0839
211.8	458.9951	3.0853
211.87	458.9951	3.0839
211.9	458.9951	3.0839
211.92	460.1563	3.0853
211.98	461.3407	3.0866
211.98	461.3407	3.0866
212.14	462.3626	3.0893
212.68	463.6167	3.0961
212.87	464.7779	3.1001
213.23	465.9391	3.1042
213.51	467.1235	3.1096
213.71	467.1235	3.1123
213.77	467.1235	3.115
213.87	467.1235	3.1136
213.9	467.1235	3.1123
213.92	468.2847	3.115
213.98	468.5169	3.115
214.22	469.6781	3.119
214.53	470.8625	3.1244
214.87	472.0237	3.1285
215.14	473.1849	3.1325
215.57	474.3461	3.1379

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
398.82	792.3869	5.9585
399.29	790.6299	5.9653
399.57	792.4213	5.9693
399.97	791.9046	5.9747
400.23	790.1821	5.9788
400.42	791.9735	5.9815
400.48	790.251	5.9828
401.26	788.4596	5.9936
401.36	786.7371	5.995
401.51	788.5285	5.9963
401.59	790.3543	5.9977
401.74	788.6318	6.0004
401.97	788.7007	6.0031
402.06	786.9782	6.0044
402.15	788.8041	6.0058
402.42	787.0471	6.0098
403.26	785.2213	6.0233
403.34	783.3954	6.0233
403.4	785.2213	6.0247
403.59	787.0127	6.0274
403.81	785.2902	6.0301
403.97	784.8079	6.0328
405.16	783.0509	6.0503
405.42	781.3284	6.053
405.55	783.1543	6.0544
405.97	782.6375	6.0611
406.15	780.8806	6.0638
407.13	779.0547	6.0787
407.3	777.3322	6.0814
407.57	779.1236	6.0841
407.97	778.159	6.0909
408.5	776.3676	6.099
408.59	778.1934	6.1003
408.77	776.4709	6.103
409.13	774.714	6.1071
409.17	776.5398	6.1084
409.25	774.7829	6.1111
409.3	772.9915	6.1098
409.47	774.7829	6.1125
409.97	774.8173	6.1206
410.5	773.0604	6.1273
411	771.3034	6.1341
411.97	771.0623	6.1489
412.54	769.2709	6.157
413.97	770.1321	6.1786
414.15	768.4096	6.1813
414.22	766.5838	6.1813
414.36	768.4096	6.1827
414.92	766.6182	6.1921
415.27	764.8613	6.1962
415.97	764.6546	6.207
416.47	762.8976	6.2151
416.8	761.1406	6.2191
417.25	759.3837	6.2259

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
81.823	502.5882	1.3813
81.835	502.5882	1.3772
81.842	502.5882	1.3772
81.847	502.5882	1.3772
81.852	502.5882	1.3786
81.857	502.5882	1.3772
81.863	502.5882	1.3759
81.868	502.5882	1.3759
81.873	502.5882	1.3759
81.877	502.5882	1.3759
81.883	502.5882	1.3759
81.886	502.5882	1.3745
81.892	502.5882	1.3759
81.895	502.5882	1.3759
81.9	502.5882	1.3772
81.904	502.5882	1.3772
81.908	502.5882	1.3745
81.913	502.5882	1.3786
81.917	502.5882	1.3786
81.923	502.5882	1.3799
81.932	503.5013	1.3826
81.943	506.4688	1.3826
81.958	509.4362	1.3867
81.993	509.4362	1.3894
82.633	510.977	1.3961
82.972	513.9445	1.4015
83.015	513.9445	1.4042
83.422	513.9445	1.4056
83.541	513.9445	1.4137
83.557	513.9445	1.411
83.569	513.9445	1.411
83.582	513.9445	1.415
83.597	513.9445	1.4137
83.609	513.9445	1.415
83.619	513.9445	1.415
83.629	513.9445	1.4137
83.635	513.9445	1.4164
83.643	513.9445	1.4164
83.653	513.9445	1.4164
83.662	513.9445	1.4177
83.671	513.9445	1.4164
83.68	513.9445	1.415
83.688	513.9445	1.4164
83.695	513.9445	1.4177
83.703	513.9445	1.4164
83.711	513.9445	1.4164
83.72	513.9445	1.415
83.725	513.9445	1.4164
83.74	513.9445	1.415
83.756	513.9445	1.4137
83.832	513.9445	1.4083
83.841	513.9445	1.4083
83.849	513.9445	1.4083
83.854	513.9445	1.4069

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
215.67	474.3461	3.1393
215.87	474.3461	3.1433
215.92	475.5073	3.1433
215.98	476.4594	3.1447
216.56	477.6903	3.1528
216.6	478.8747	3.1541
216.66	478.8747	3.1555
217.04	478.8747	3.1595
217.23	480.0359	3.1622
217.53	481.1971	3.1663
217.66	481.1971	3.1703
217.76	481.1971	3.1703
217.85	481.1971	3.169
217.86	481.1971	3.1717
217.92	482.3583	3.173
217.98	483.055	3.1744
218.27	484.2394	3.1771
218.83	485.447	3.1865
219.31	486.7011	3.1933
219.86	487.932	3.2
219.92	489.1164	3.2
219.98	489.1164	3.2041
220.05	490.2079	3.2041
220.53	491.4388	3.2108
221	492.6697	3.2176
221.32	493.8541	3.2216
221.69	493.8541	3.2284
221.84	493.8541	3.2284
221.92	494.992	3.2311
221.98	495.9442	3.2311
222.23	497.1054	3.2351
222.59	498.3363	3.2405
222.81	499.5207	3.2446
222.87	499.5207	3.2446
223.08	499.5207	3.2473
223.42	500.7283	3.2527
223.56	501.9127	3.254
223.63	501.9127	3.2567
223.7	501.9127	3.2581
223.75	501.9127	3.2567
223.86	501.9127	3.2567
223.87	501.9127	3.2581
223.9	501.9127	3.2594
223.98	502.9113	3.2608
224.08	504.0958	3.2608
224.29	504.0958	3.2662
224.54	504.0958	3.2689
224.86	505.2337	3.2729
225.12	506.3949	3.277
225.52	507.6258	3.2837
225.93	508.787	3.2878
225.98	508.8799	3.2891
226.13	510.0411	3.2918
226.33	511.2022	3.2959

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
417.66	761.1406	6.2313
417.7	759.3148	6.2326
417.97	759.0736	6.2353
418.38	757.3167	6.2407
418.92	755.5253	6.2502
419.33	753.7683	6.2569
419.55	755.5942	6.2583
419.97	754.6296	6.265
420.15	752.8726	6.2677
420.95	751.0812	6.2799
421.15	752.9071	6.2812
421.25	751.1501	6.2839
421.31	749.3243	6.2839
421.38	747.4984	6.2853
421.44	749.3587	6.2839
421.48	751.1501	6.2853
421.97	750.1855	6.2934
422.41	748.4286	6.3001
422.91	746.6372	6.3069
422.96	748.463	6.3082
423.03	746.6372	6.3082
423.29	744.8802	6.3136
423.37	743.0888	6.3136
423.44	744.8802	6.3136
423.52	746.7061	6.3163
423.92	744.9491	6.3217
423.96	744.5012	6.3204
424.86	742.6754	6.3352
425.27	740.9184	6.3406
425.96	741.6074	6.3528
426.12	739.7816	6.3541
427.01	737.9902	6.3663
427.28	736.2332	6.3703
427.58	738.0246	6.3744
427.96	737.5079	6.3825
428.33	735.7854	6.3866
429.15	733.994	6.3974
429.22	735.7854	6.4001
429.25	733.9595	6.4001
429.33	732.1337	6.4014
429.47	733.9595	6.4028
429.96	733.2016	6.4095
430.35	731.4791	6.4149
430.87	731.6169	6.423

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
83.861	513.9445	1.4069
83.867	513.9445	1.4083
83.872	513.9445	1.4069
83.88	513.9445	1.4069
83.884	513.9445	1.4056
83.89	513.9445	1.4069
83.894	513.9445	1.4042
83.901	513.9445	1.4069
83.904	513.9445	1.4042
83.91	513.9445	1.4069
83.914	513.9445	1.4042
83.92	513.9445	1.4056
83.923	513.9445	1.4069
83.927	513.9445	1.4096
83.932	513.9445	1.4083
83.935	513.9445	1.4069
83.944	513.9445	1.4083
83.954	514.4581	1.4123
83.965	517.4256	1.4123
83.993	519.2518	1.415
84.795	522.1622	1.4272
84.861	522.1622	1.4299
85.234	522.1622	1.4326
85.545	522.1622	1.4393
85.566	522.1622	1.442
85.577	522.1622	1.442
85.587	522.1622	1.442
85.599	522.1622	1.4434
85.617	522.1622	1.442
85.628	522.1622	1.4447
85.637	522.1622	1.4434
85.648	522.1622	1.4447
85.655	522.1622	1.4434
85.66	522.1622	1.4447
85.672	522.1622	1.4447
85.681	522.1622	1.4447
85.691	522.1622	1.4461
85.7	522.1622	1.4461
85.71	522.1622	1.4461
85.719	522.1622	1.4461
85.73	522.1622	1.4447
85.74	522.1622	1.4434
85.752	522.1622	1.4434
85.772	522.1622	1.4447
85.841	522.1622	1.4366
85.85	522.1622	1.4366
85.859	522.1622	1.4393
85.868	522.1622	1.438
85.876	522.1622	1.4353
85.881	522.1622	1.4353
85.887	522.1622	1.4366
85.891	522.1622	1.4353
85.898	522.1622	1.4353
85.901	522.1622	1.4353

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
226.99	512.4331	3.304
227.03	513.6175	3.3053
227.86	514.8019	3.3188
227.93	516.0096	3.3175
227.98	516.776	3.3202
228.05	516.776	3.3215
228.41	516.776	3.3242
228.58	517.9371	3.3283
229.17	519.168	3.335
229.41	520.3292	3.3391
229.77	520.3292	3.3445
229.85	520.3292	3.3445
229.92	521.4672	3.3459
229.98	522.1639	3.3486
230.48	523.3947	3.3553
230.83	524.5791	3.3594
231.23	525.7868	3.3661
231.5	526.9712	3.3702
231.73	526.9712	3.3729
231.8	526.9712	3.3742
231.86	526.9712	3.3742
231.89	526.9712	3.3742
231.91	528.1324	3.3756
231.98	528.8988	3.3769
232.24	530.0832	3.3796
232.68	531.3141	3.3864
232.93	532.4752	3.3904
233.23	533.6364	3.3945
233.69	533.6364	3.4012
233.79	533.6364	3.4026
233.85	534.7744	3.4053
233.95	535.9588	3.4053
233.98	536.191	3.4053
234.47	537.4219	3.412
234.91	538.6295	3.4201
235.19	539.814	3.4228
235.58	541.0448	3.4296
235.63	541.0448	3.4309
235.7	541.0448	3.4309
235.83	541.0448	3.4296
235.85	541.0448	3.4323
235.93	542.206	3.4336
235.98	542.6705	3.435
236.35	543.9013	3.439
236.8	545.1322	3.4458
237.23	546.3631	3.4525
237.45	547.5475	3.4552
237.65	547.5475	3.4593
237.87	547.5475	3.4606
237.89	548.6855	3.462
237.98	548.7551	3.4633
238.43	549.986	3.4701
238.96	551.2168	3.4768
239.42	552.4245	3.4849

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
85.908	522.1622	1.4366
85.912	522.1622	1.4339
85.918	522.1622	1.4366
85.922	522.1622	1.4339
85.927	522.1622	1.4353
85.931	522.1622	1.4353
85.935	522.1622	1.4366
85.94	522.1622	1.4366
85.943	522.1622	1.4366
85.949	522.1622	1.4393
85.961	522.2763	1.4434
85.972	525.2438	1.4407
85.993	527.5835	1.4447
86.752	530.551	1.4542
86.818	530.551	1.4582
86.916	530.551	1.4569
87.325	533.4614	1.465
87.38	533.4614	1.4663
87.428	533.4614	1.465
87.533	533.4614	1.4717
87.545	533.4614	1.4717
87.555	533.4614	1.4704
87.566	533.4614	1.4704
87.583	533.4614	1.4717
87.593	533.4614	1.4717
87.599	533.4614	1.4731
87.608	533.4614	1.4731
87.618	533.4614	1.4744
87.627	533.4614	1.4744
87.635	533.4614	1.4744
87.644	533.4614	1.4731
87.649	533.4614	1.4758
87.656	533.4614	1.4758
87.664	533.4614	1.4758
87.668	533.4614	1.4771
87.675	533.4614	1.4744
87.68	533.4614	1.4758
87.688	533.4614	1.4744
87.696	533.4614	1.4731
87.703	533.4614	1.4731
87.716	533.4614	1.4717
87.729	533.4614	1.4704
87.803	533.4614	1.4717
87.825	533.4614	1.4677
87.836	533.4614	1.465
87.844	533.4614	1.4663
87.848	533.4614	1.4636
87.856	533.4614	1.465
87.861	533.4614	1.4636
87.867	533.4614	1.4636
87.871	533.4614	1.465
87.876	533.4614	1.4636
87.88	533.4614	1.4663
87.886	533.4614	1.4636

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
239.92	553.6553	3.4917
239.98	554.1198	3.4917
240.23	555.281	3.4957
240.49	556.4422	3.4998
240.91	557.6963	3.5052
241.35	558.9039	3.5119
241.93	560.1348	3.52
241.98	560.8315	3.5214
242.49	562.0624	3.5281
242.85	563.2932	3.5349
243.26	564.4544	3.5389
243.88	565.662	3.547
243.98	566.6607	3.5497
244.2	567.8219	3.5538
244.54	567.8219	3.5578
244.59	567.8219	3.5592
244.8	568.9598	3.5619
245.26	570.1907	3.57
245.49	571.3751	3.5713
245.57	571.3751	3.574
245.86	571.3751	3.5767
245.92	572.5131	3.5781
245.98	572.6524	3.5808
246.24	573.8833	3.5848
246.27	573.8833	3.5848
246.48	573.8833	3.5862
246.97	575.1141	3.5929
247.25	576.345	3.5983
247.9	577.5526	3.6064
247.98	578.3422	3.6078
248.19	579.5731	3.6118
248.35	579.5731	3.6145
248.53	579.5731	3.6159
248.82	580.7111	3.6186
248.96	580.7111	3.6226
249.03	580.7111	3.6226
249.37	581.9187	3.628
249.7	581.9187	3.6334
249.84	581.9187	3.6348
249.92	583.0567	3.6375
249.98	583.0567	3.6361
250.17	584.2875	3.6402
250.87	585.4952	3.6497
251.48	586.726	3.6578
251.62	586.726	3.6605
251.84	586.7493	3.6645
251.92	587.9337	3.6645
251.98	588.073	3.6672
252.38	589.3039	3.6726
253.18	590.5115	3.6834
253.52	590.5115	3.6888
253.71	590.5115	3.6929
253.79	590.5115	3.6915
253.89	590.5115	3.6929

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
87.89	533.4614	1.4636
87.896	533.4614	1.4636
87.899	533.4614	1.4636
87.905	533.4614	1.4636
87.908	533.4614	1.4623
87.913	533.4614	1.465
87.917	533.4614	1.4636
87.92	533.4614	1.4636
87.925	533.4614	1.4663
87.928	533.4614	1.4663
87.939	533.4614	1.4717
87.95	536.3718	1.4731
87.993	538.7116	1.4758
88.758	541.679	1.4839
89.414	544.5895	1.4933
89.541	544.5895	1.4987
89.555	544.5895	1.4987
89.571	544.5895	1.5014
89.581	544.5895	1.5001
89.591	544.5895	1.4987
89.604	544.5895	1.5001
89.617	544.5895	1.5014
89.631	544.5895	1.5014
89.635	544.5895	1.5028
89.645	544.5895	1.5028
89.654	544.5895	1.5028
89.663	544.5895	1.5028
89.673	544.5895	1.5028
89.678	544.5895	1.5028
89.686	544.5895	1.5028
89.695	544.5895	1.5041
89.704	544.5895	1.5041
89.713	544.5895	1.5041
89.721	544.5895	1.5028
89.728	544.5895	1.5041
89.737	544.5895	1.5028
89.753	544.5895	1.5014
89.774	544.5895	1.4987
89.803	544.5895	1.5001
89.835	544.5895	1.496
89.845	544.5895	1.4947
89.854	544.5895	1.4933
89.862	544.5895	1.496
89.866	544.5895	1.4947
89.874	544.5895	1.4933
89.882	544.5895	1.4947
89.885	544.5895	1.4933
89.892	544.5895	1.4947
89.896	544.5895	1.492
89.901	544.5895	1.4947
89.905	544.5895	1.4933
89.908	544.5895	1.4933
89.914	544.5895	1.4933
89.918	544.5895	1.492

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
253.91	591.6263	3.6929
253.98	591.6263	3.6956
254.2	592.5552	3.6969
254.65	593.7628	3.705
255.26	594.9705	3.7131
255.65	594.9705	3.7212
255.72	594.9705	3.7212
255.83	594.9705	3.7185
255.84	594.9705	3.7199
255.9	596.1084	3.7212
255.92	597.2696	3.7239
255.98	597.4322	3.7239
256.23	598.6631	3.728
256.46	598.6631	3.732
256.5	598.6631	3.732
256.92	599.8707	3.7388
257.38	601.1016	3.7442
257.72	601.1016	3.7509
257.83	601.1016	3.7496
257.9	602.2163	3.7523
257.93	603.4007	3.7523
257.98	603.4007	3.7523
258.2	604.1671	3.7577
258.85	605.3747	3.7658
259.41	606.5824	3.7739
259.48	606.5824	3.7752
259.56	606.5824	3.7766
259.62	606.5824	3.7793
259.69	606.5824	3.7793
259.84	606.5824	3.7806
259.88	606.5824	3.7793
259.9	607.7203	3.7806
259.98	607.9526	3.782
260.43	609.1602	3.7887
261.2	610.3446	3.8009
261.46	611.5058	3.8036
261.58	611.5058	3.8063
261.71	611.5058	3.8103
261.84	611.5058	3.809
261.9	611.5058	3.8103
261.94	612.6438	3.8103
261.98	612.7135	3.8117
262.12	613.8979	3.8144
262.44	613.8979	3.8198
262.48	613.8979	3.8171
262.86	615.1055	3.8225
263.61	615.1055	3.836
263.83	615.1055	3.836
263.91	616.2435	3.8387
263.98	617.0331	3.8414
264.18	618.1943	3.8427
264.92	619.3787	3.8535
265.3	620.6096	3.8589
265.61	620.6096	3.8643

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
89.923	544.5895	1.4933
89.926	544.5895	1.492
89.93	544.5895	1.4933
89.934	544.5895	1.4933
89.938	544.5895	1.4947
89.944	544.5895	1.4947
89.952	544.7607	1.4987
89.957	547.7281	1.5001
89.977	550.6956	1.5001
89.993	550.6956	1.5028
91.186	553.3778	1.5204
91.537	553.3778	1.5271
91.543	553.3778	1.5285
91.544	553.3778	1.5285
91.546	553.3778	1.5285
91.547	553.3778	1.5298
91.549	553.3778	1.5298
91.557	553.3778	1.5298
91.561	553.3778	1.5312
91.571	553.3778	1.5298
91.58	553.3778	1.5312
91.588	553.3778	1.5312
91.596	553.3778	1.5298
91.602	553.3778	1.5325
91.612	553.3778	1.5325
91.62	553.3778	1.5325
91.627	553.3778	1.5312
91.632	553.3778	1.5339
91.64	553.3778	1.5325
91.645	553.3778	1.5325
91.652	553.3778	1.5325
91.661	553.3778	1.5312
91.671	553.3778	1.5312
91.682	553.3778	1.5298
91.702	553.3778	1.5298
91.797	553.3778	1.5285
91.819	553.3778	1.5244
91.827	553.3778	1.5231
91.832	553.3778	1.5217
91.839	553.3778	1.5231
91.843	553.3778	1.5204
91.85	553.3778	1.5231
91.854	553.3778	1.5204
91.859	553.3778	1.5217
91.863	553.3778	1.5204
91.868	553.3778	1.5217
91.871	553.3778	1.519
91.875	553.3778	1.519
91.88	553.3778	1.5231
91.882	553.3778	1.5217
91.887	553.3778	1.5231
91.891	553.3778	1.5204
91.894	553.3778	1.5217
91.899	553.3778	1.5217

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
265.69	620.6096	3.867
265.82	620.6096	3.8643
265.84	620.6096	3.867
265.9	621.7475	3.867
265.98	622.1191	3.8684
266.26	623.35	3.8738
266.6	624.5808	3.8792
266.66	624.5808	3.8819
266.98	624.5808	3.8832
267.27	625.7885	3.8873
267.61	625.7885	3.894
267.69	625.7885	3.894
267.7	625.7885	3.894
267.7	625.7885	3.8954
267.78	625.7885	3.8967
267.85	625.7885	3.894
267.86	625.7885	3.8927
267.87	625.7885	3.8927
267.88	625.7885	3.894
267.89	625.7885	3.8954
267.91	626.8335	3.8967
267.98	627.5302	3.8981
268.36	628.7379	3.9035
268.42	628.7379	3.9048
268.48	628.7379	3.9048
269.07	629.9223	3.9156
269.74	629.9223	3.9251
269.83	629.9455	3.9251
269.88	631.1299	3.9237
269.93	632.2911	3.9264
269.98	632.2911	3.9278
270.37	633.522	3.9332
270.95	634.7296	3.9399
271.1	635.8908	3.9426
271.6	635.8908	3.9521
271.82	635.8908	3.9535
271.89	637.0752	3.9535
271.93	638.2364	3.9548
271.98	638.2364	3.9562
272.45	638.5151	3.9629
273.21	639.6995	3.9737
273.52	640.9304	3.9778
273.58	640.9304	3.9818
273.65	640.9304	3.9832
273.71	640.9304	3.9818
273.82	640.9304	3.9805
273.83	640.9304	3.9832
273.88	640.9304	3.9832
273.93	642.0683	3.9845
273.98	642.0683	3.9845
274.16	643.067	3.9872
274.28	643.067	3.9899
274.32	643.067	3.9899
274.4	643.067	3.9926

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
91.902	553.3778	1.5231
91.906	553.3778	1.5244
91.911	553.3778	1.5244
91.914	553.3778	1.5231
91.923	553.7202	1.5244
91.932	556.6876	1.5285
91.944	559.6551	1.5298
91.992	559.6551	1.5312
92.713	562.3373	1.5406
93.317	565.3047	1.5501
93.536	565.3047	1.5568
93.569	565.3047	1.5568
93.626	565.3047	1.5555
93.668	565.3047	1.5568
93.713	565.3047	1.5568
93.807	565.3047	1.5541
93.816	565.3047	1.5541
93.825	565.3047	1.5528
93.836	565.3047	1.5528
93.847	565.4759	1.5541
93.858	568.3864	1.5568
93.992	570.3837	1.5595
94.111	570.3837	1.5609
94.156	570.3837	1.5636
94.505	573.2941	1.5676
95.059	576.2045	1.5757
95.532	576.2045	1.5865
95.543	576.2045	1.5865
95.554	576.2045	1.5865
95.564	576.2045	1.5879
95.574	576.2045	1.5879
95.583	576.2045	1.5892
95.589	576.2045	1.5879
95.596	576.2045	1.5906
95.605	576.2045	1.5892
95.614	576.2045	1.5892
95.622	576.2045	1.5879
95.627	576.2045	1.5906
95.636	576.2045	1.5906
95.644	576.2045	1.5906
95.648	576.2045	1.5919
95.656	576.2045	1.5892
95.663	576.2045	1.5892
95.668	576.2045	1.5906
95.676	576.2045	1.5919
95.684	576.2045	1.5879
95.689	576.2045	1.5892
95.7	576.2045	1.5892
95.708	576.2045	1.5892
95.721	576.2045	1.5879
95.813	576.2045	1.5811
95.823	576.2045	1.5811
95.828	576.2045	1.5811
95.834	576.2045	1.5811

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
274.64	643.067	3.9953
274.83	644.1817	3.998
275.02	644.1817	4.0007
275.06	644.1817	4.0021
275.58	644.1817	4.0102
275.62	644.1817	4.0088
275.68	644.1817	4.0115
275.75	644.1817	4.0115
275.83	644.1817	4.0115
275.84	644.1817	4.0129
275.88	644.1817	4.0129
275.98	644.1817	4.0129
276.31	644.1817	4.0183
277.03	644.1817	4.0291
277.72	644.1817	4.0399
277.83	644.1817	4.0412
277.87	644.7391	4.0412
277.95	645.9235	4.0426
277.98	645.9235	4.0439
278.55	646.9686	4.0507
279.21	648.153	4.0601
279.63	648.153	4.0682
279.72	648.153	4.0696
279.8	648.153	4.0682
279.82	648.153	4.0709
279.9	649.3374	4.0709
279.98	650.127	4.0723
280.85	651.2882	4.0844
280.94	651.2882	4.0871
281.42	651.3114	4.0925
281.62	651.3114	4.0979
281.67	651.3114	4.0979
281.73	651.3114	4.0979
281.83	651.3114	4.0979
281.85	651.3114	4.0966
281.88	651.3579	4.0993
281.98	652.3565	4.1006
282.21	653.5873	4.1047
282.89	654.7718	4.1141
283.7	654.7718	4.1263
283.82	654.7718	4.1276
283.88	655.9562	4.1276
283.98	656.3278	4.1303
284.4	657.5354	4.1371
285.22	658.7198	4.1479
285.31	658.7198	4.1506
285.5	658.7198	4.1519
285.57	658.7198	4.1546
285.64	658.7198	4.1546
285.77	658.7198	4.1546
285.83	658.7198	4.1573
285.95	659.9042	4.1587
285.98	659.9042	4.1614
286.76	660.9261	4.1695

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
95.839	576.2045	1.5825
95.845	576.2045	1.5798
95.852	576.2045	1.5811
95.856	576.2045	1.5798
95.862	576.2045	1.5798
95.866	576.2045	1.5798
95.87	576.2045	1.5798
95.875	576.2045	1.5784
95.878	576.2045	1.5798
95.883	576.2045	1.5798
95.886	576.2045	1.5798
95.89	576.2045	1.5784
95.895	576.2045	1.5811
95.897	576.2045	1.5784
95.901	576.2045	1.5798
95.906	576.2045	1.5798
95.909	576.2045	1.5811
95.913	576.2045	1.5838
95.917	576.2045	1.5825
95.927	576.5469	1.5838
95.936	579.5144	1.5852
95.949	582.4819	1.5892
95.992	582.4819	1.5879
96.226	585.0499	1.5919
96.343	585.0499	1.5946
96.381	585.0499	1.596
96.447	585.0499	1.596
96.532	585.0499	1.596
96.891	587.9603	1.6041
96.947	587.9603	1.6027
97.036	587.9603	1.6054
97.476	590.8707	1.6122
97.509	590.8707	1.6135
97.53	590.8707	1.6162
97.541	590.8707	1.6162
97.55	590.8707	1.6149
97.56	590.8707	1.6162
97.57	590.8707	1.6135
97.582	590.8707	1.6176
97.593	590.8707	1.6176
97.605	590.8707	1.6189
97.614	590.8707	1.6189
97.624	590.8707	1.6189
97.635	590.8707	1.6176
97.644	590.8707	1.6189
97.654	590.8707	1.6189
97.663	590.8707	1.6176
97.671	590.8707	1.6176
97.677	590.8707	1.6203
97.686	590.8707	1.6189
97.695	590.8707	1.6189
97.704	590.8707	1.6189
97.713	590.8707	1.6176
97.723	590.8707	1.6176

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
286.84	660.9261	4.1722
287.25	660.9261	4.1776
287.32	660.9261	4.1776
287.59	660.9261	4.1843
287.68	660.9261	4.1857
287.82	660.9261	4.1857
287.92	660.9261	4.187
287.98	660.9261	4.1884
288.86	660.9261	4.2019
289.65	660.9261	4.2154
289.82	660.9261	4.2154
289.89	662.0873	4.2154
289.98	662.0873	4.2154
290.35	663.0627	4.2221
291.1	664.2471	4.2329
291.3	664.2471	4.237
291.37	664.2471	4.237
291.58	664.2471	4.241
291.67	664.2471	4.2424
291.77	664.2471	4.2437
291.86	664.2471	4.2424
291.98	665.2457	4.2478
292.44	666.4533	4.2532
292.61	666.4533	4.2559
292.88	666.4998	4.2586
293.63	666.4998	4.2708
293.79	666.4998	4.2721
293.9	667.661	4.2735
293.98	667.87	4.2762
294.99	669.1008	4.2897
295.59	669.1008	4.2991
295.89	669.1705	4.3018
295.98	669.1705	4.3045
297.58	669.1705	4.3275
297.65	669.1705	4.3288
297.82	669.1705	4.3315
297.88	669.1705	4.3315
297.98	669.6582	4.3329
298.2	669.6582	4.3369
298.71	669.6582	4.345
298.89	669.6582	4.3464
299.25	669.6814	4.3518
299.59	669.6814	4.3585
299.65	669.6814	4.3572
299.81	669.6814	4.3599
299.87	669.7047	4.3599
299.98	670.262	4.3612
301.69	670.262	4.3882
301.75	670.262	4.3869
301.8	670.262	4.3869
301.83	670.262	4.3882
301.86	671.4	4.3882
301.98	671.2142	4.3909
302.59	670.053	4.4004

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.736	590.8707	1.6176
97.747	590.8707	1.6176
97.766	590.8707	1.6122
97.814	590.8707	1.6108
97.824	590.8707	1.6108
97.832	590.8707	1.6108
97.84	590.8707	1.6122
97.845	590.8707	1.6108
97.853	590.8707	1.6095
97.857	590.8707	1.6108
97.863	590.8707	1.6081
97.867	590.8707	1.6122
97.873	590.8707	1.6108
97.877	590.8707	1.6081
97.883	590.8707	1.6095
97.887	590.8707	1.6095
97.893	590.8707	1.6095
97.896	590.8707	1.6081
97.901	590.8707	1.6108
97.905	590.8707	1.6095
97.909	590.8707	1.6095
97.914	590.8707	1.6095
97.917	590.8707	1.6095
97.922	590.8707	1.6122
97.925	590.8707	1.6095
97.931	590.8707	1.6122
97.937	590.8707	1.6122
97.947	591.2702	1.6149
97.957	594.2377	1.6149
97.992	595.6073	1.6176
98.147	595.6073	1.6203
98.201	595.6073	1.6216
98.371	595.6073	1.6243
98.582	595.6073	1.627
99.216	598.4606	1.6365
99.527	598.4606	1.6446
99.538	598.4606	1.6446
99.549	598.4606	1.6446
99.561	598.4606	1.6459
99.579	598.4606	1.6459
99.59	598.4606	1.6473
99.6	598.4606	1.6459
99.609	598.4606	1.6473
99.62	598.4606	1.6473
99.627	598.4606	1.6459
99.634	598.4606	1.6473
99.644	598.4606	1.6473
99.655	598.4606	1.6473
99.661	598.4606	1.6486
99.671	598.4606	1.6473
99.679	598.4606	1.6473
99.684	598.4606	1.65
99.692	598.4606	1.6473
99.7	598.4606	1.6486

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
303.44	668.8686	4.4125
303.89	670.0762	4.4179
303.98	669.844	4.4206
304.26	668.6364	4.4247
304.36	669.7976	4.4247
304.77	668.5667	4.4328
304.84	669.7511	4.4314
305.58	668.5667	4.4436
305.63	667.3823	4.4449
305.69	666.2211	4.4449
305.79	667.4055	4.4436
305.81	668.6364	4.4463
305.89	669.7976	4.4476
305.97	669.7976	4.449
306.51	668.5667	4.4571
307.59	667.3591	4.4733
307.87	668.5899	4.476
307.97	668.7989	4.4773
308.59	667.6377	4.4881
309.5	666.4533	4.5003
309.65	665.2689	4.5043
309.87	666.4301	4.5043
309.97	666.7088	4.5084
310.27	665.5244	4.5111
310.88	664.3632	4.5205
311.01	663.1788	4.5232
311.15	661.9944	4.5246
311.28	660.7867	4.5273
311.46	659.6023	4.5286
311.58	658.4179	4.5327
311.65	657.2335	4.534
311.8	658.4179	4.5327
311.96	659.6488	4.5354
311.97	659.3236	4.5367
312.23	658.116	4.5408
312.61	656.9316	4.5448
312.64	658.0928	4.5462
313.25	656.8387	4.5557
313.59	655.6543	4.5597
313.81	656.8619	4.5638
313.9	658.0463	4.5638
313.97	657.7212	4.5651
315.65	656.5368	4.5908
315.73	655.3524	4.5921
315.8	656.5368	4.5908
315.87	657.698	4.5908
315.97	658.4643	4.5935
316.43	657.2335	4.6016
317.25	656.0491	4.6137
317.54	654.8414	4.6191
317.69	653.6802	4.6178
317.82	654.9111	4.6218
317.97	655.6775	4.6245
318.06	654.4931	4.6259

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
99.709	598.4606	1.6473
99.72	598.4606	1.6473
99.725	598.4606	1.6473
99.738	598.4606	1.6446
99.757	598.4606	1.6459
99.818	598.4606	1.6419
99.828	598.4606	1.6419
99.837	598.4606	1.6419
99.849	598.4606	1.6392
99.854	598.4606	1.6405
99.861	598.4606	1.6392
99.867	598.4606	1.6392
99.872	598.4606	1.6405
99.878	598.4606	1.6392
99.881	598.4606	1.6392
99.887	598.4606	1.6392
99.892	598.4606	1.6378
99.896	598.4606	1.6378
99.901	598.4606	1.6378
99.904	598.4606	1.6378
99.909	598.4606	1.6392
99.912	598.4606	1.6365
99.916	598.4606	1.6378
99.921	598.4606	1.6378
99.923	598.4606	1.6365
99.928	598.4606	1.6392
99.932	598.4606	1.6405
99.935	598.4606	1.6405
99.944	598.803	1.6419
99.953	601.7705	1.6459
99.975	604.738	1.6459
99.992	604.738	1.6486
100.1	607.2489	1.65
100.31	607.2489	1.6527
100.5	607.2489	1.6554
101.03	610.1593	1.6621
101.53	610.1593	1.6729
101.55	610.1593	1.6743
101.56	610.1593	1.6716
101.58	610.1593	1.6743
101.59	610.1593	1.6716
101.61	610.1593	1.6743
101.63	610.1593	1.6743
101.64	610.1593	1.6756
101.65	610.1593	1.6756
101.67	610.1593	1.6743
101.68	610.1593	1.6743
101.69	610.1593	1.6756
101.7	610.1593	1.677
101.71	610.1593	1.677
101.72	610.1593	1.677
101.73	610.1593	1.677
101.74	610.1593	1.677
101.75	610.1593	1.677

S2N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
318.44	653.2854	4.6313
319.01	652.0546	4.638
319.41	650.8469	4.6434
319.66	649.6393	4.6488
319.7	648.4781	4.6488
319.78	647.2937	4.6488
319.8	648.4781	4.6488
319.87	649.6393	4.6488
319.97	650.2431	4.6529
320.34	649.0355	4.6583
321.22	647.8511	4.6704
321.58	646.6434	4.6758
321.84	647.8743	4.6785
321.97	648.2459	4.6812
322.77	647.0847	4.6934
323.05	645.877	4.6961
323.36	647.1079	4.7015
323.52	645.9003	4.7055
323.57	644.7391	4.7055
323.86	645.9003	4.7069
323.97	646.5738	4.7096
324.18	645.3661	4.7136
324.63	644.1585	4.7204
324.92	642.9741	4.7231
325.17	641.7664	4.7271
325.54	640.5588	4.7339
325.59	639.3744	4.7352
325.65	638.2132	4.7352
325.7	637.0288	4.7366
325.77	638.2132	4.7339
325.85	639.3744	4.7352
325.97	639.2815	4.7393
326.33	638.0738	4.7447
326.5	636.8662	4.7474
326.56	638.0506	4.7474
326.64	636.8662	4.7487
326.98	635.6586	4.7541
327.26	634.4742	4.7582
327.52	633.2665	4.7622
327.65	632.0821	4.7636
327.78	630.8977	4.7649
327.8	632.0589	4.7663
327.97	632.4305	4.769
328.14	631.2461	4.7717
328.5	630.0616	4.7757
328.72	628.854	4.7798
329.04	627.6696	4.7838
329.49	626.4387	4.7906
329.58	625.2543	4.7933
329.67	624.0931	4.7933
329.8	625.324	4.7946
329.9	626.5781	4.796
329.97	625.6259	4.796
330.34	624.4183	4.8027

S2N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
101.76	610.1593	1.6743
101.8	610.1593	1.6756
101.86	610.1593	1.6716
101.88	610.1593	1.6716
101.89	610.1593	1.6716
101.9	610.1593	1.6702
101.91	610.1593	1.6702
101.92	610.1593	1.6716
101.92	610.1593	1.6689
101.93	610.1593	1.6729
101.94	610.1593	1.6716
101.94	610.1593	1.6702
101.95	610.1593	1.6689
101.95	610.1593	1.6675
101.96	610.1593	1.6689
101.96	610.1593	1.6689
101.97	610.1593	1.6702
101.97	610.1593	1.6675
101.98	610.1593	1.6702
101.98	610.1593	1.6716
101.99	610.1593	1.6716
101.99	610.1593	1.6716
102	610.5017	1.6716
102.01	613.4692	1.6743
102.03	616.4367	1.6743
102.05	619.3471	1.6783
102.11	619.3471	1.6783
102.18	619.3471	1.677
102.8	622.2575	1.6878
103.44	625.1679	1.6959
103.51	625.1679	1.7013
103.53	625.1679	1.7013
103.55	625.1679	1.7026
103.56	625.1679	1.7026
103.57	625.1679	1.7026
103.58	625.1679	1.704
103.59	625.1679	1.704
103.6	625.1679	1.7026
103.61	625.1679	1.704
103.62	625.1679	1.704
103.63	625.1679	1.704
103.64	625.1679	1.704
103.65	625.1679	1.7067
103.66	625.1679	1.7053
103.67	625.1679	1.7053
103.68	625.1679	1.7053
103.69	625.1679	1.7067
103.69	625.1679	1.7053
103.7	625.1679	1.7053
103.71	625.1679	1.7053
103.72	625.1679	1.7067
103.73	625.1679	1.7053
103.75	625.1679	1.704
103.76	625.1679	1.7026

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
330.84	623.1874	4.8108
331.14	622.003	4.8149
331.57	620.7953	4.8216
331.61	619.6109	4.8216
331.65	618.4497	4.823
331.7	617.2653	4.823
331.8	618.4497	4.8216
331.82	619.6109	4.8216
331.84	620.7953	4.8216
331.92	622.0262	4.8243
331.97	622.2352	4.8257
332.13	621.0508	4.8297
332.63	619.8199	4.8365
333.15	618.6123	4.8432
333.53	617.4047	4.85
333.65	616.2435	4.85
333.97	616.8241	4.8568
334.39	615.6164	4.8608
334.72	614.4088	4.8662
334.97	613.2244	4.8703
335.26	612.0167	4.8743
335.55	610.8323	4.8797
335.62	609.6479	4.8797
335.7	608.4867	4.8797
335.75	609.6479	4.8797
335.86	610.902	4.8811
335.97	611.1807	4.8838
336.06	609.9963	4.8865
336.37	608.8119	4.8905
336.84	607.6042	4.8973
337.33	606.3734	4.904
337.56	605.189	4.9094
337.6	603.9349	4.9081
337.66	602.7737	4.9094
337.78	603.9349	4.9081
337.8	605.1657	4.9108
337.97	605.8624	4.9135
338.23	604.6548	4.9175
338.62	603.4472	4.9229
339.14	602.2395	4.9297
339.56	601.0319	4.9364
339.78	599.8475	4.9391
339.86	601.0087	4.9391
339.97	601.6357	4.9418
340.12	600.4513	4.9445
340.56	599.2204	4.9513
340.8	598.036	4.9553
341.08	596.8516	4.9594
341.34	595.6672	4.9621
341.58	594.4596	4.9661
341.68	593.2984	4.9661
341.71	594.5292	4.9675
341.94	595.7601	4.9715
341.97	595.435	4.9715

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103.83	625.1679	1.6999
103.84	625.1679	1.6986
103.85	625.1679	1.6999
103.86	625.1679	1.6986
103.86	625.1679	1.6986
103.87	625.1679	1.6986
103.88	625.1679	1.6972
103.88	625.1679	1.6972
103.89	625.1679	1.6959
103.89	625.1679	1.6999
103.9	625.1679	1.6959
103.9	625.1679	1.6986
103.91	625.1679	1.6972
103.91	625.1679	1.6986
103.92	625.1679	1.6972
103.92	625.1679	1.6986
103.93	625.1679	1.6972
103.93	625.1679	1.6972
103.94	625.1679	1.6959
103.94	625.1679	1.6986
103.95	625.1679	1.6972
103.95	625.1679	1.6972
103.96	625.1679	1.7013
103.97	625.5674	1.7026
103.98	628.4778	1.704
103.99	629.6762	1.7053
104.04	632.6437	1.7067
104.15	632.6437	1.708
104.17	632.6437	1.708
104.25	632.6437	1.7094
104.56	632.6437	1.7148
105.28	635.497	1.7242
105.54	635.497	1.731
105.55	635.497	1.731
105.56	635.497	1.7323
105.57	635.497	1.7323
105.58	635.497	1.7323
105.59	635.497	1.7323
105.61	635.497	1.7323
105.62	635.497	1.7323
105.63	635.497	1.7337
105.64	635.497	1.7323
105.65	635.497	1.7337
105.66	635.497	1.7337
105.67	635.497	1.7337
105.68	635.497	1.7337
105.69	635.497	1.7337
105.7	635.497	1.7337
105.71	635.497	1.735
105.72	635.497	1.735
105.73	635.497	1.735
105.74	635.497	1.7337
105.75	635.497	1.735
105.76	635.497	1.7337

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
342.26	594.2505	4.9756
343	593.0197	4.9864
343.51	591.7888	4.9958
343.55	590.6276	4.9958
343.59	589.4432	4.9958
343.64	588.282	4.9958
343.74	587.1208	4.9972
343.78	588.3053	4.9945
343.79	589.5129	4.9972
343.84	590.6973	4.9958
343.97	590.976	4.9999
344.22	589.7916	5.0039
344.34	588.6072	5.0066
344.47	587.4227	5.008
344.9	586.2383	5.012
345.04	585.0539	5.0161
345.42	583.8463	5.0215
345.56	582.6619	5.0242
345.69	581.5007	5.0242
345.79	582.7315	5.0255
345.97	582.778	5.0296
346.13	581.5936	5.0323
346.41	580.4092	5.035
346.63	579.2247	5.039
347.03	578.0171	5.0458
347.31	576.8327	5.0498
347.55	575.6483	5.0525
347.61	574.4871	5.0525
347.84	575.718	5.0552
347.97	576.1592	5.0593
348.09	574.9748	5.0606
348.31	573.7904	5.0633
348.8	572.5827	5.0701
348.92	571.4215	5.0714
349.26	570.2139	5.0768
349.37	569.0295	5.0795
349.47	567.8451	5.0809
349.54	566.6839	5.0822
349.59	565.5227	5.0822
349.67	564.3383	5.0836
349.75	563.1539	5.0863
349.97	563.2235	5.0876
350.11	562.0624	5.089
350.3	560.8779	5.0917
350.51	559.6703	5.0957
350.93	558.4627	5.1025
351.29	557.2783	5.1079
351.58	556.0938	5.1119
351.65	554.9327	5.1119
351.75	556.0938	5.1106
351.85	557.3247	5.1119
351.97	556.6744	5.116
352.57	555.4668	5.1241
352.92	554.2592	5.1308

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
105.77	635.497	1.731
105.81	635.497	1.7283
105.84	635.497	1.7296
105.86	635.497	1.7283
105.87	635.497	1.7296
105.88	635.497	1.7283
105.88	635.497	1.7283
105.89	635.497	1.7283
105.9	635.497	1.7283
105.91	635.497	1.7296
105.91	635.497	1.7283
105.92	635.497	1.7283
105.93	635.497	1.7269
105.93	635.497	1.7283
105.94	635.497	1.7283
105.94	635.497	1.7283
105.95	635.497	1.7256
105.96	635.497	1.7269
105.96	635.497	1.7256
105.96	635.497	1.7283
105.97	635.497	1.7283
105.97	635.497	1.7269
105.98	635.497	1.7283
105.98	635.497	1.7269
105.99	635.497	1.7296
105.99	635.497	1.731
106	635.497	1.7296
106.01	638.4074	1.731
106.02	641.3749	1.735
106.53	644.2853	1.7418
106.57	644.2853	1.7458
106.88	644.2853	1.7458
107.1	644.2853	1.7526
107.2	644.2853	1.7526
107.4	647.1387	1.7539
107.49	647.1387	1.7566
107.52	647.1387	1.7607
107.54	647.1387	1.7593
107.55	647.1387	1.7593
107.57	647.1387	1.7607
107.58	647.1387	1.7607
107.59	647.1387	1.762
107.6	647.1387	1.7607
107.6	647.1387	1.7607
107.6	647.1387	1.7607
107.6	647.1387	1.762
107.61	647.1387	1.7607
107.62	647.1387	1.762
107.63	647.1387	1.7634
107.64	647.1387	1.7634
107.64	647.1387	1.7634
107.65	647.1387	1.7634
107.66	647.1387	1.7634
107.66	647.1387	1.7634

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
353.22	553.0747	5.1349
353.51	551.8903	5.1403
353.56	550.7059	5.1403
353.64	549.5447	5.1403
353.7	550.7059	5.1403
353.84	551.9368	5.143
353.97	551.8671	5.1443
354.12	550.6827	5.147
354.78	549.4518	5.1578
355.2	548.2442	5.1632
355.53	547.0598	5.1687
355.6	545.8986	5.1687
355.68	544.7142	5.17
355.84	545.8754	5.17
355.97	545.945	5.1727
356.15	544.7606	5.1768
356.29	543.5762	5.1795
356.44	542.3918	5.1808
356.84	541.2074	5.1876
356.9	540.023	5.1876
356.97	541.2074	5.1876
357.01	540.023	5.1903
357.36	538.8386	5.1943
357.55	537.6309	5.1984
357.62	536.4697	5.1984
357.83	537.6309	5.1984
357.87	538.8618	5.2024
357.92	537.7006	5.2024
357.97	537.3755	5.2024
358.31	536.191	5.2078
358.51	535.0066	5.2105
358.62	533.8222	5.2132
358.97	532.6378	5.2173
359.17	531.4534	5.22
359.41	530.269	5.2254
359.57	529.0846	5.2281
359.63	527.8537	5.2267
359.76	529.0846	5.2281
359.86	530.3154	5.2294
359.97	529.7581	5.2321
360.43	528.5504	5.2389
360.71	527.366	5.2429
360.72	526.2048	5.2443
360.72	524.8811	5.2429
360.72	523.7199	5.2456
360.91	524.9043	5.2416
360.92	526.1351	5.2443
360.95	527.2963	5.2443
361.05	528.5272	5.247
361.11	527.3428	5.2497
361.42	526.1584	5.2537
361.6	524.974	5.2564
361.84	526.2048	5.2578
361.97	526.2745	5.2605

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
107.67	647.1387	1.7634
107.68	647.1387	1.7634
107.69	647.1387	1.762
107.7	647.1387	1.762
107.71	647.1387	1.762
107.72	647.1387	1.762
107.74	647.1387	1.7607
107.81	647.1387	1.7566
107.82	647.1387	1.7566
107.83	647.1387	1.7566
107.84	647.1387	1.7553
107.84	647.1387	1.7553
107.85	647.1387	1.7553
107.85	647.1387	1.7566
107.86	647.1387	1.7566
107.87	647.1387	1.7553
107.87	647.1387	1.7553
107.88	647.1387	1.7539
107.88	647.1387	1.7539
107.89	647.1387	1.7553
107.89	647.1387	1.7539
107.89	647.1387	1.7539
107.9	647.1387	1.7539
107.9	647.1387	1.7539
107.91	647.1387	1.7539
107.91	647.1387	1.7539
107.91	647.1387	1.7539
107.92	647.1387	1.7539
107.92	647.1387	1.7553
107.92	647.1387	1.7566
107.93	647.1387	1.7566
107.94	647.1387	1.758
107.94	647.1387	1.758
107.95	649.3072	1.7607
107.97	652.2176	1.7647
107.99	652.2176	1.7647
108.79	654.5574	1.7755
108.9	654.5574	1.7782
109	654.5574	1.7782
109.53	654.5574	1.789
109.54	654.5574	1.789
109.55	654.5574	1.789
109.57	654.5574	1.789
109.58	654.5574	1.7904
109.59	654.5574	1.7904
109.6	654.5574	1.7917
109.61	654.5574	1.7904
109.62	654.5574	1.7904
109.63	654.5574	1.7917
109.64	654.5574	1.7904
109.64	654.5574	1.7904
109.65	654.5574	1.7917
109.66	654.5574	1.7931
109.67	654.5574	1.7931

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
362.22	525.0901	5.2645
362.5	523.8824	5.2699
363.1	522.6748	5.278
363.42	521.4904	5.2821
363.55	520.306	5.2848
363.75	519.1448	5.2861
363.78	520.3756	5.2875
363.97	520.8169	5.2902
364.14	519.6557	5.2929
364.29	518.4713	5.2942
364.61	517.2869	5.2996
364.88	516.1025	5.3037
365.12	514.918	5.3077
365.43	513.7336	5.3118
365.5	512.5724	5.3118
365.87	513.7801	5.3172
365.95	512.5957	5.3185
365.97	512.9208	5.3185
366.22	511.7132	5.3239
366.62	510.5288	5.328
366.81	509.3443	5.332
366.86	508.1831	5.332
366.89	509.3676	5.3307
366.98	508.1831	5.3334
367.33	506.9755	5.3401
367.47	505.8143	5.3401
367.61	504.6531	5.3428
367.97	505.1641	5.3482
368.03	503.9796	5.3496
368.15	502.8185	5.3509
368.34	501.634	5.3536
368.59	500.4496	5.3577
368.85	499.2652	5.3617
368.98	498.104	5.3631
369.2	496.9196	5.3671
369.52	495.7352	5.3712
369.57	494.5508	5.3725
369.7	493.3896	5.3739
369.97	493.3664	5.3766
370.21	492.182	5.3806
370.43	490.9975	5.386
370.59	489.8363	5.386
371.03	488.6519	5.3928
371.37	487.4675	5.3968
371.62	486.2599	5.4022
371.97	486.167	5.4049
372.22	485.0058	5.409
372.62	483.7982	5.4157
372.68	482.637	5.4157
373.15	481.4293	5.4225
373.26	480.2681	5.4238
373.31	479.0837	5.4265
373.45	477.9225	5.4279
373.58	476.7381	5.4306

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
109.68	654.5574	1.7917
109.69	654.5574	1.7931
109.7	654.5574	1.7917
109.71	654.5574	1.7917
109.72	654.5574	1.7917
109.73	654.5574	1.7917
109.74	654.5574	1.7917
109.75	654.5574	1.7904
109.78	654.5574	1.7917
109.84	654.5574	1.7863
109.85	654.5574	1.7863
109.85	654.5574	1.7877
109.86	654.5574	1.785
109.87	654.5574	1.785
109.87	654.5574	1.7863
109.88	654.5574	1.7863
109.89	654.5574	1.7863
109.89	654.5574	1.7863
109.9	654.5574	1.7836
109.91	654.5574	1.785
109.91	654.5574	1.7836
109.92	654.5574	1.7863
109.92	654.5574	1.7836
109.93	654.5574	1.7863
109.93	654.5574	1.785
109.93	654.5574	1.7823
109.94	654.5574	1.7836
109.94	654.5574	1.7836
109.95	654.5574	1.785
109.95	654.5574	1.7836
109.95	654.5574	1.7836
109.96	654.5574	1.785
109.97	655.2422	1.7877
109.97	658.2097	1.7877
109.98	661.1771	1.7904
109.99	662.3185	1.7917
110.79	665.2289	1.8025
111.46	668.1393	1.8133
111.52	668.1393	1.8174
111.53	668.1393	1.8174
111.55	668.1393	1.8174
111.56	668.1393	1.8174
111.58	668.1393	1.8187
111.59	668.1393	1.8201
111.6	668.1393	1.8201
111.61	668.1393	1.8187
111.62	668.1393	1.8187
111.63	668.1393	1.8187
111.64	668.1393	1.8187
111.65	668.1393	1.8215
111.66	668.1393	1.8215
111.67	668.1393	1.8215
111.68	668.1393	1.8215
111.69	668.1393	1.8215

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
373.65	475.5769	5.4319
373.86	476.8078	5.4333
373.97	476.1111	5.4346
374.11	474.9267	5.4373
374.45	473.7423	5.4414
374.87	472.5578	5.4481
375.51	471.3502	5.4589
375.64	470.1658	5.4603
375.68	469.0046	5.4603
375.77	470.189	5.4589
375.84	471.3967	5.4616
375.97	472.0701	5.4657
376.12	470.909	5.4657
376.29	469.7478	5.4697
376.49	468.5633	5.4711
377.09	467.3557	5.4792
377.35	466.1945	5.4833
377.61	465.0101	5.4887
377.97	464.4295	5.4941
378	463.2683	5.4941
378.54	462.0607	5.5022
378.96	460.8763	5.5076
379.34	459.6919	5.5143
379.53	458.5074	5.5157
379.97	458.5539	5.5224
380.02	457.323	5.5224
380.25	456.1386	5.5251
380.44	454.9774	5.5292
380.5	456.1386	5.5292
380.6	454.9542	5.5319
380.77	453.793	5.5319
381.22	452.5854	5.54
381.54	451.401	5.5454
381.62	450.1701	5.5454
381.76	451.401	5.5467
381.97	451.7029	5.5494
382.14	450.5185	5.5535
382.49	449.334	5.5589
382.9	448.1496	5.5643
383.01	446.9884	5.5656
383.24	445.804	5.5697
383.58	444.6196	5.5751
383.97	444.1319	5.5805
384.43	442.9475	5.5859
384.92	441.7399	5.594
385.17	440.5787	5.5967
385.42	439.3943	5.6007
385.66	438.2098	5.6048
385.85	439.4407	5.6075
385.92	438.2795	5.6088
385.97	438.4189	5.6088
386.19	437.2577	5.6102
386.72	436.05	5.6196
387.1	434.8656	5.625

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.7	668.1393	1.8215
111.7	668.1393	1.8215
111.71	668.1393	1.8215
111.72	668.1393	1.8215
111.73	668.1393	1.8215
111.74	668.1393	1.8215
111.75	668.1393	1.8201
111.79	668.1393	1.8201
111.83	668.1393	1.816
111.85	668.1393	1.8147
111.85	668.1393	1.8174
111.86	668.1393	1.816
111.87	668.1393	1.816
111.88	668.1393	1.8133
111.89	668.1393	1.8147
111.9	668.1393	1.8147
111.9	668.1393	1.8174
111.91	668.1393	1.8133
111.92	668.1393	1.8147
111.92	668.1393	1.8133
111.93	668.1393	1.8147
111.93	668.1393	1.8133
111.94	668.1393	1.8133
111.94	668.1393	1.8133
111.95	668.1393	1.8147
111.95	668.1393	1.8133
111.96	668.1393	1.8147
111.96	668.1393	1.8133
111.96	668.1393	1.8147
111.97	668.1393	1.8174
111.98	668.1393	1.8147
111.99	668.2534	1.8187
111.99	670.6502	1.8201
112.01	673.6177	1.8215
112.26	676.5281	1.8269
112.32	676.5281	1.8255
112.48	676.5281	1.8282
112.52	676.5281	1.8309
112.74	676.5281	1.8336
113.24	676.5281	1.8404
113.39	676.5281	1.8431
113.54	676.5281	1.8444
113.7	676.5281	1.8458
113.82	676.5281	1.8458
113.99	676.5281	1.8498
114.57	677.7265	1.8566
115.02	680.637	1.8647
115.4	683.5474	1.8714
115.44	683.5474	1.8728
115.52	683.5474	1.8741
115.54	683.5474	1.8741
115.58	683.5474	1.8755
115.6	683.5474	1.8755
115.63	683.5474	1.8755

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
387.55	433.6812	5.6318
387.84	434.8888	5.6358
387.97	434.8192	5.6385
388.2	433.6348	5.6412
388.85	432.4271	5.6507
389.11	431.2659	5.6547
389.35	430.0815	5.6574
389.63	428.8971	5.6615
389.76	430.128	5.6628
389.97	430.5924	5.6655
390.19	429.408	5.6696
390.6	428.2236	5.6763
391.03	427.0392	5.6831
391.38	425.8548	5.6885
391.53	424.6936	5.6898
391.6	423.4395	5.6898
391.71	424.6704	5.6925
391.97	425.3439	5.6966
392.11	424.1827	5.6979
392.47	422.9983	5.7033
392.76	421.8138	5.7074
393.05	420.6527	5.7114
393.47	419.4682	5.7182
393.63	418.2838	5.7209
393.97	418.5857	5.7249
394.09	417.4013	5.7276
394.37	416.2401	5.7317
395.33	415.0093	5.7452
395.57	413.8481	5.7479
395.97	413.732	5.7546
396.4	412.5475	5.76
396.58	411.3864	5.7614
397.04	410.2019	5.7681
397.27	409.0408	5.7722
397.52	407.8563	5.7763
397.97	408.0654	5.7817
398.11	406.8809	5.7857
398.76	405.6965	5.7938
399.43	404.4889	5.8046
399.51	403.3277	5.806
399.97	403.467	5.8114
400.34	402.2826	5.8181
400.63	401.0982	5.8222
401.01	399.9138	5.8276
401.52	398.7294	5.8357
401.57	397.5682	5.837
401.97	397.4753	5.8411
402.44	396.2909	5.8478
402.68	395.1065	5.8505
403.15	393.9221	5.8586
403.53	392.7376	5.864
403.97	392.877	5.8694
404.18	391.6926	5.8735
404.29	390.5314	5.8748

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
115.66	683.5474	1.8768
115.7	683.5474	1.8768
115.81	683.5474	1.8728
115.82	683.5474	1.8741
115.83	683.5474	1.8741
115.83	683.5474	1.8714
115.84	683.5474	1.8728
115.85	683.5474	1.8728
115.86	683.5474	1.8728
115.87	683.7186	1.8755
115.89	686.686	1.8755
115.99	688.6263	1.8795
116.9	691.4797	1.8917
116.94	691.4797	1.893
117.06	691.4797	1.8944
117.51	691.4797	1.9038
117.53	691.4797	1.9052
117.54	691.4797	1.9038
117.56	691.4797	1.9038
117.57	691.4797	1.9052
117.59	691.4797	1.9065
117.6	691.4797	1.9065
117.61	691.4797	1.9079
117.62	691.4797	1.9065
117.64	691.4797	1.9065
117.65	691.4797	1.9065
117.66	691.4797	1.9065
117.67	691.4797	1.9079
117.68	691.4797	1.9065
117.69	691.4797	1.9079
117.7	691.4797	1.9079
117.71	691.4797	1.9079
117.72	691.4797	1.9065
117.73	691.4797	1.9079
117.74	691.4797	1.9079
117.75	691.4797	1.9079
117.77	691.4797	1.9092
117.79	691.4797	1.9052
117.83	691.4797	1.9025
117.84	691.4797	1.9025
117.85	691.4797	1.9025
117.86	691.4797	1.9025
117.87	691.4797	1.9025
117.88	691.4797	1.9011
117.89	691.4797	1.9038
117.89	691.4797	1.9025
117.9	691.4797	1.9025
117.91	691.4797	1.9011
117.91	691.4797	1.9011
117.92	691.4797	1.9025
117.92	691.4797	1.9011
117.93	691.4797	1.9025
117.93	691.4797	1.9011
117.94	691.4797	1.9025

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
404.52	389.3702	5.8775
404.89	388.1858	5.8843
405.19	387.0246	5.8883
405.4	385.8402	5.891
405.56	384.679	5.8937
405.97	385.3525	5.8991
406.3	384.1681	5.9045
407.05	382.9837	5.9153
407.97	382.2405	5.9275
408.22	381.0561	5.9329
408.46	379.8949	5.9356
409.02	378.6873	5.9437
409.5	377.5028	5.9518
409.58	376.2952	5.9491
409.71	377.5028	5.9545
409.97	376.9455	5.9572
410.28	375.7843	5.9612
410.84	374.5999	5.9693
411.13	373.4154	5.9747
411.48	372.231	5.9801
411.62	371.0002	5.9815
411.97	370.048	5.9869
412.81	368.8404	5.999
413.29	367.6792	6.0044
413.68	366.4948	6.0098
413.75	367.7256	6.0112
413.97	367.0289	6.0139
414.48	365.8445	6.022
414.86	364.6601	6.0274
415.1	363.4989	6.0314
415.6	362.3145	6.0395
415.97	361.9661	6.0449
416.22	360.8049	6.0476
416.56	359.6437	6.053
416.84	358.4593	6.0571
417.42	357.2749	6.0638
417.54	356.1137	6.0665
417.97	355.626	6.0733
418.16	354.4648	6.076
418.54	353.3036	6.0814
418.88	352.1192	6.0868
419.28	350.9348	6.0922
419.53	349.7736	6.0963
419.97	350.0523	6.1017
420.2	348.8911	6.1044
420.45	347.7299	6.1084
421.45	346.5223	6.1233
421.62	345.3611	6.126
421.78	346.5687	6.1287
421.85	345.3379	6.1287
421.97	345.5004	6.13
422.36	344.316	6.1368
423.32	343.1084	6.1503
423.38	344.3393	6.1516

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.94	691.4797	1.9011
117.95	691.4797	1.8998
117.95	691.4797	1.9025
117.95	691.4797	1.9025
117.96	691.4797	1.9011
117.97	691.4797	1.9038
117.97	691.4797	1.9025
117.98	694.333	1.9052
117.99	695.9309	1.9052
118.01	698.8413	1.9106
118.33	698.8413	1.9119
118.36	698.8413	1.9146
118.43	698.8413	1.916
118.68	698.8413	1.9173
119.49	701.6376	1.9322
119.52	701.6376	1.9322
119.54	701.6376	1.9335
119.56	701.6376	1.9308
119.6	701.6376	1.9335
119.62	701.6376	1.9335
119.65	701.6376	1.9349
119.67	701.6376	1.9335
119.7	701.6376	1.9349
119.72	701.6376	1.9349
119.82	701.6376	1.9322
119.83	701.6376	1.9308
119.84	701.6376	1.9308
119.85	701.6376	1.9308
119.85	701.6376	1.9322
119.86	701.6376	1.9308
119.87	701.6376	1.9335
119.88	701.6376	1.9322
119.9	701.6376	1.9362
119.92	704.6051	1.9349
119.99	706.3741	1.9389
120.5	706.3741	1.9457
120.58	706.3741	1.9457
120.75	709.2275	1.9484
121.16	709.2275	1.9551
121.25	709.2275	1.9551
121.51	709.2275	1.9632
121.52	709.2275	1.9619
121.53	709.2275	1.9632
121.55	709.2275	1.9632
121.57	709.2275	1.9632
121.58	709.2275	1.9632
121.6	709.2275	1.9632
121.61	709.2275	1.9646
121.62	709.2275	1.9646
121.63	709.2275	1.9646
121.64	709.2275	1.9646
121.66	709.2275	1.9659
121.67	709.2275	1.9659
121.68	709.2275	1.9646

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
423.46	343.1084	6.153
423.61	341.9472	6.1557
423.75	343.1781	6.1557
423.96	342.7136	6.1584
424.36	341.5292	6.1651
425.2	340.3215	6.1786
425.25	341.5524	6.1773
425.5	340.3912	6.1813
425.58	339.23	6.184
425.63	340.4609	6.1827
425.96	340.9718	6.1894
426.04	339.7409	6.1894
426.88	338.5565	6.2016
427.24	337.3721	6.207
427.51	336.2109	6.211
427.96	335.6536	6.2178
428.2	334.4691	6.2218
428.61	333.3079	6.2272
429.08	332.1235	6.234
429.37	330.9623	6.238
429.96	330.2424	6.2461
430.35	329.0812	6.2529
430.91	327.8968	6.261
431.53	326.7124	6.2704
431.82	327.92	6.2731
431.88	326.6892	6.2745
431.96	327.2233	6.2745
432.01	325.9925	6.2758
432.39	324.8313	6.2812
432.59	323.6701	6.2853
433.43	322.4624	6.2974
433.96	323.0663	6.3042
434.27	321.8818	6.3096
434.81	320.6974	6.3177
435.48	319.5362	6.3258
435.96	319.4898	6.3339
436.85	318.3054	6.3474
437.49	317.121	6.3568
437.96	317.4925	6.3622
438.47	316.3081	6.3703
439	315.1469	6.3771
439.59	313.9625	6.3866
439.96	314.1715	6.3906
440.52	312.9871	6.4001
441.52	311.8027	6.4136
441.73	313.0103	6.4176
441.96	312.8478	6.4203
443.61	311.6169	6.4446
443.79	312.8478	6.4446
443.96	313.3587	6.4514
444.04	312.1278	6.4487
444.59	310.9434	6.4581
444.93	309.7822	6.4635
445.22	308.6211	6.4689

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
121.69	709.2275	1.9646
121.7	709.2275	1.9659
121.71	709.2275	1.9659
121.72	709.2275	1.9646
121.74	709.2275	1.9659
121.75	709.2275	1.9659
121.78	709.2275	1.9659
121.8	709.2275	1.9632
121.83	709.2275	1.9605
121.85	709.2275	1.9605
121.86	709.2275	1.9619
121.87	709.2275	1.9619
121.88	709.2275	1.9619
121.89	709.2275	1.9605
121.9	709.2275	1.9605
121.9	709.2275	1.9605
121.91	709.2275	1.9605
121.92	709.2275	1.9592
121.92	709.2275	1.9592
121.93	709.2275	1.9619
121.93	709.2275	1.9578
121.94	709.2275	1.9605
121.95	709.2275	1.9578
121.95	709.2275	1.9592
121.95	709.2275	1.9592
121.96	709.2275	1.9592
121.96	709.2275	1.9592
121.97	709.2275	1.9592
121.98	709.2275	1.9605
121.98	709.2275	1.9632
121.99	711.5101	1.9632
122	714.4776	1.9646
122.02	717.388	1.9659
122.31	717.388	1.974
122.52	717.388	1.974
122.75	717.388	1.9808
123.5	717.388	1.9902
123.53	717.388	1.9916
123.56	717.388	1.9929
123.58	717.388	1.9916
123.6	717.388	1.9916
123.61	717.388	1.9929
123.63	717.388	1.9929
123.65	717.388	1.9929
123.67	717.388	1.9929
123.69	717.388	1.9929
123.72	717.388	1.9929
123.74	717.388	1.9943
123.76	717.388	1.9943
123.78	717.388	1.9929
123.82	717.388	1.9902
123.83	717.388	1.9902
123.84	717.388	1.9902
123.86	717.388	1.9902

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
445.6	307.4599	6.4757
445.96	307.5295	6.477
446.42	306.3451	6.4851
447.02	305.1607	6.4946
447.1	303.9298	6.4959
447.22	302.699	6.4973
447.47	301.5378	6.5013
447.96	301.5378	6.5067
448.61	300.3534	6.5175
449.96	300.8179	6.5364
450.2	299.6567	6.5418
451.02	298.4723	6.5526
451.96	297.8917	6.5661
452.37	296.7305	6.5715
453.04	295.5461	6.581
453.59	294.3849	6.5891
453.93	293.2004	6.5945
453.96	292.8289	6.5931
454.03	294.0597	6.5945
454.38	292.8753	6.5999
454.96	291.7141	6.6093
455.42	290.5297	6.6161
455.96	290.4368	6.6228
456.28	289.2756	6.6282
456.68	288.1144	6.6336
457.07	286.9532	6.6404
457.94	285.7688	6.6525
457.96	286.1404	6.6512
458.27	284.9792	6.6579
459.3	283.7948	6.6714
459.79	285.0024	6.6782
459.96	284.3057	6.6822
460.79	283.1213	6.6944
461.51	281.9369	6.7039
461.64	283.1678	6.7039
461.96	283.1445	6.7106
462.11	281.9137	6.7133
462.95	280.7293	6.7228
463.38	279.5681	6.7309
463.74	278.3372	6.7349
463.96	279.1501	6.739
464.26	277.9889	6.7444
464.66	276.8277	6.7498
465.5	275.6433	6.7619
465.96	275.3181	6.7673
466.51	274.1569	6.7781
466.77	272.9261	6.7795
466.84	274.1337	6.7808
466.89	272.9261	6.7822
467.49	271.7417	6.7916
467.96	272.0203	6.7984
468.09	270.8127	6.7997
468.67	269.6283	6.8078
468.95	268.3974	6.8119

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.87	717.388	1.9916
123.88	717.388	1.9902
123.89	717.388	1.9902
123.89	717.388	1.9889
123.9	717.388	1.9902
123.91	717.388	1.9875
123.92	717.388	1.9889
123.93	717.388	1.9889
123.93	717.388	1.9916
123.94	717.388	1.9916
123.95	717.388	1.9929
123.99	718.187	1.997
125.17	721.2115	2.0132
125.51	721.2115	2.0186
125.54	721.2115	2.0199
125.56	721.2115	2.0199
125.59	721.2115	2.0199
125.61	721.2115	2.0213
125.63	721.2115	2.0213
125.64	721.2115	2.0226
125.65	721.2115	2.0226
125.67	721.2115	2.0213
125.68	721.2115	2.0226
125.7	721.2115	2.0226
125.71	721.2115	2.024
125.73	721.2115	2.024
125.74	721.2115	2.0226
125.75	721.2115	2.0226
125.78	721.2115	2.024
125.89	721.2115	2.0213
125.91	721.2115	2.0213
125.92	721.2115	2.0199
125.93	721.2115	2.0186
125.94	721.2115	2.0199
125.95	721.2115	2.0213
125.95	721.2115	2.0172
125.96	721.2115	2.0199
125.97	721.2115	2.0199
125.98	721.2115	2.0199
125.98	721.2115	2.0172
125.99	721.2115	2.0186
125.99	721.2115	2.0186
126.01	721.2115	2.0186
126.01	721.2115	2.0186
126.02	721.2115	2.0213
126.03	723.6654	2.024
126.04	726.6329	2.024
127.51	726.6329	2.051
127.53	726.6329	2.0483
127.54	726.6329	2.0496
127.57	726.6329	2.0496
127.59	726.6329	2.0496
127.61	726.6329	2.051
127.62	726.6329	2.0496

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
469.56	267.2362	6.82
469.96	266.9808	6.8267
470.63	265.8196	6.8362
471.49	264.6352	6.8483
471.7	265.8428	6.851
471.96	265.239	6.8537
472.59	264.0546	6.8659
473.17	262.8934	6.8726
473.37	261.6625	6.8767
473.78	262.8702	6.8807
473.96	262.3128	6.8834
474.27	261.1516	6.8902
475.43	259.9672	6.9064
475.96	259.944	6.9131
476.95	258.7596	6.9266
477.96	258.5738	6.9442
478.21	257.3429	6.9455
478.87	256.1817	6.955
479.38	255.0205	6.9631
479.71	253.7897	6.9671
479.78	254.9973	6.9671
479.96	254.3006	6.9698
480.41	253.1394	6.9779
480.88	251.9782	6.9847
481.09	250.7473	6.9874
481.45	249.5165	6.9942
481.51	248.2856	6.9942
481.59	249.5165	6.9942
481.96	249.261	6.9996
483.08	248.0766	7.0158
483.16	249.3075	7.0171
483.42	248.0766	7.0225
483.96	248.0534	7.0293
485.05	246.869	7.0455
485.96	246.2187	7.0576
487.46	245.0111	7.0819
487.51	243.8034	7.0819
487.59	245.0111	7.0819
487.96	245.313	7.086
488.14	244.0821	7.0887
488.96	242.9209	7.1022
489.96	243.6409	7.1157
490.39	242.41	7.1224
491.96	242.1778	7.1454
493.46	240.9934	7.167
493.72	239.7625	7.171
493.96	238.8335	7.1751
494.23	237.6259	7.1778
494.63	238.8103	7.1832
495.01	237.5795	7.1899
495.96	237.5562	7.2034
496.42	236.3254	7.2102
497.2	235.141	7.221
497.96	234.5836	7.2318

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.64	726.6329	2.051
127.65	726.6329	2.051
127.67	726.6329	2.0523
127.68	726.6329	2.0523
127.7	726.6329	2.0523
127.72	726.6329	2.0523
127.73	726.6329	2.0523
127.75	726.6329	2.0496
127.78	726.6329	2.0537
127.81	726.6329	2.0523
127.85	726.6329	2.0496
127.87	726.6329	2.0496
127.89	726.6329	2.0496
127.91	726.6329	2.051
127.92	726.6329	2.0496
127.93	726.6329	2.0496
127.93	726.6329	2.0483
127.94	726.6329	2.0483
127.98	726.6329	2.0469
127.98	726.6329	2.0469
127.99	726.6329	2.0469
127.99	726.6329	2.0469
128	726.6329	2.0469
128	726.6329	2.0483
128.01	726.6329	2.0469
128.02	726.6329	2.0496
128.02	726.6329	2.0496
128.03	728.2307	2.0483
128.04	731.1982	2.0496
128.05	734.1086	2.0523
128.29	734.1086	2.0564
128.48	734.1086	2.0591
128.89	734.1086	2.0672
128.98	734.1086	2.0699
129.49	734.1086	2.0766
129.52	734.1086	2.0766
129.54	734.1086	2.078
129.58	734.1086	2.078
129.6	734.1086	2.0793
129.62	734.1086	2.0807
129.63	734.1086	2.0793
129.64	734.1086	2.0807
129.66	734.1086	2.0793
129.68	734.1086	2.0807
129.69	734.1086	2.0807
129.71	734.1086	2.0793
129.73	734.1086	2.082
129.77	734.1086	2.0793
129.83	734.1086	2.0793
129.85	734.1086	2.078
129.86	734.1086	2.0766
129.87	734.1086	2.0766
129.88	734.1086	2.0766
129.89	734.1086	2.0766

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
498.87	233.4224	7.2453
499.96	233.0044	7.2588
500.2	231.7735	7.2655
501.23	230.5891	7.279
501.96	230.264	7.2899
502.58	229.1028	7.2993
503.17	227.8719	7.3074
503.46	226.641	7.3128
503.56	227.8487	7.3128
503.96	227.4539	7.3196
504.23	226.2462	7.3236
505.96	225.5727	7.3479
506.95	224.3883	7.3628
507.51	223.1575	7.3709
507.59	224.3651	7.3709
507.96	224.5741	7.3776
508.02	223.3665	7.3776
508.77	222.2053	7.3884
508.78	223.4826	7.3898
508.79	224.7135	7.3911
508.81	223.4826	7.3938
508.82	222.275	7.3938
508.83	221.0441	7.3952
508.84	219.8365	7.3952
508.85	218.6288	7.3952
508.86	217.4212	7.3952
508.87	216.1903	7.3952
508.88	214.9827	7.3952
508.89	213.7751	7.3965
508.89	212.5442	7.3965
508.9	211.3366	7.3965
508.91	210.1289	7.3952
508.92	208.9213	7.3965
508.92	207.6904	7.3979
508.93	206.4828	7.3965
508.94	205.2752	7.3952
508.95	204.0443	7.3979
508.96	202.8367	7.3979
508.96	201.629	7.3979
508.97	200.4214	7.3965
508.98	199.2137	7.3952
508.99	197.9829	7.3952
509.01	196.7752	7.3952
509.03	195.5676	7.3925
509.11	196.7752	7.3925
509.14	198.0061	7.3911
509.15	199.2137	7.3911
509.17	200.4214	7.3911
509.18	201.629	7.3925
509.19	202.8599	7.3911
509.21	204.0675	7.3898
509.21	205.2752	7.3911
509.22	206.506	7.3898
509.23	207.7136	7.3884

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
129.9	734.1086	2.0753
129.9	734.1086	2.078
129.91	734.1086	2.0766
129.92	734.1086	2.0766
129.93	734.1086	2.0766
129.94	734.1086	2.0766
129.95	734.1086	2.0766
129.96	734.1086	2.0793
129.97	736.8479	2.082
129.99	737.6468	2.082
130.09	737.6468	2.0834
131.14	737.7039	2.1009
131.5	737.7039	2.1063
131.53	737.7039	2.1063
131.55	737.7039	2.1077
131.56	737.7039	2.1063
131.58	737.7039	2.109
131.6	737.7039	2.109
131.61	737.7039	2.109
131.63	737.7039	2.109
131.65	737.7039	2.109
131.66	737.7039	2.1077
131.68	737.7039	2.1104
131.7	737.7039	2.109
131.71	737.7039	2.1104
131.72	737.7039	2.1104
131.74	737.7039	2.1104
131.76	737.7039	2.1104
131.85	737.7039	2.109
131.86	737.7039	2.1063
131.87	737.7039	2.1077
131.88	737.7039	2.1063
131.89	737.7039	2.1063
131.9	737.7039	2.105
131.91	737.7039	2.1063
131.92	737.7039	2.105
131.93	737.7039	2.1063
131.93	737.7039	2.105
131.94	737.7039	2.1063
131.95	737.7039	2.105
131.95	737.7039	2.105
131.96	737.7039	2.1036
131.97	737.7039	2.1063
131.98	737.7039	2.1077
131.99	740.6143	2.1077
131.99	740.7855	2.1077
132	743.7529	2.1104
132.44	743.7529	2.1171
132.5	743.7529	2.1185
132.69	743.7529	2.1212
133.5	743.7529	2.1361
133.52	743.7529	2.1334
133.55	743.7529	2.1374
133.56	743.7529	2.1361

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
509.24	208.9213	7.3884
509.24	210.1521	7.3898
509.25	211.3598	7.3884
509.26	212.5674	7.3884
509.26	213.7751	7.3898
509.27	215.0756	7.3871
509.27	216.2832	7.3898
509.28	217.5838	7.3871
509.28	218.7914	7.3911
509.29	219.999	7.3884
509.3	221.2067	7.3911
509.3	222.4375	7.3911
509.31	223.6452	7.3938
509.34	224.8528	7.3952
509.4	223.622	7.3979
509.47	222.4143	7.3992
509.56	221.1835	7.4006
509.73	219.9758	7.4046
509.96	219.3488	7.4073
510.48	218.1179	7.4141
511.95	216.9335	7.4357
511.96	217.0961	7.437
512.81	215.9349	7.4478
513.96	215.9581	7.4627
514.22	214.7505	7.4681
514.84	213.4964	7.4762
515.96	213.0087	7.491
516.3	211.801	7.4978
517.46	210.6166	7.5153
517.95	209.3858	7.5221
517.96	209.618	7.5221
519.96	209.7109	7.5504
521.96	208.9445	7.5801
523.46	207.7601	7.6031
523.76	206.5525	7.6058
523.82	207.7601	7.6058
523.96	207.6904	7.6072
524.64	206.4363	7.6193
525.12	205.2055	7.6261
525.43	203.9978	7.6315
525.96	203.7424	7.6382
527.96	203.9049	7.6666
529.07	202.7438	7.6828
529.96	202.1864	7.6963
531.18	201.002	7.7138
531.96	200.5375	7.7246
532.51	199.3066	7.7341
533.96	199.3299	7.753
534.37	198.1222	7.7611
535.87	196.9378	7.7813
535.96	197.9132	7.7827
536.3	196.7056	7.7881
537.96	196.4966	7.8124
538.31	195.2657	7.8178

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.58	743.7529	2.1361
133.6	743.7529	2.1361
133.62	743.7529	2.1361
133.63	743.7529	2.1388
133.65	743.7529	2.1388
133.66	743.7529	2.1388
133.68	743.7529	2.1388
133.7	743.7529	2.1388
133.71	743.7529	2.1388
133.73	743.7529	2.1361
133.78	743.7529	2.1374
133.83	743.7529	2.1361
133.84	743.7529	2.1361
133.86	743.7529	2.1347
133.87	743.7529	2.1361
133.89	743.7529	2.1361
133.89	743.7529	2.1347
133.9	743.7529	2.1347
133.91	743.7529	2.1347
133.92	743.7529	2.1361
133.93	743.7529	2.1347
133.94	743.7529	2.1361
133.94	743.7529	2.1334
133.95	743.7529	2.1334
133.96	743.7529	2.1361
133.97	743.7529	2.1361
133.97	743.7529	2.1388
133.99	746.0927	2.1401
134.03	749.0031	2.1415
134.14	749.0031	2.1428
135.5	749.0031	2.1671
135.52	749.0031	2.1631
135.54	749.0031	2.1658
135.55	749.0031	2.1658
135.58	749.0031	2.1658
135.59	749.0031	2.1658
135.61	749.0031	2.1671
135.63	749.0031	2.1671
135.64	749.0031	2.1671
135.66	749.0031	2.1658
135.67	749.0031	2.1685
135.69	749.0031	2.1671
135.7	749.0031	2.1671
135.72	749.0031	2.1671
135.73	749.0031	2.1671
135.76	749.0031	2.1671
135.84	749.0031	2.1658
135.85	749.0031	2.1658
135.87	749.0031	2.1658
135.88	749.0031	2.1658
135.89	749.0031	2.1658
135.9	749.0031	2.1658
135.91	749.0031	2.1617
135.92	749.0031	2.1644

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
538.65	194.0581	7.8218
539	192.8272	7.8272
539.06	194.0581	7.8259
539.74	192.804	7.838
539.96	193.1756	7.8407
540.37	191.9679	7.8488
541.09	190.7371	7.8569
541.14	191.9447	7.8569
541.67	190.7138	7.865
541.96	190.7138	7.8691
542.03	189.5062	7.8718
542.13	190.7138	7.8718
542.88	189.483	7.8826
543.46	188.2521	7.892
543.95	188.0199	7.8988
544.11	186.789	7.9015
545.15	185.6278	7.9164
545.21	186.8355	7.9164
545.95	186.3013	7.9272
546.52	185.0704	7.9366
547.5	183.8396	7.9501
547.6	185.0472	7.9501
547.72	183.8164	7.9542
547.95	184.1183	7.9555
548.04	182.9106	7.9569
548.23	184.1183	7.9596
548.41	182.9106	7.9636
548.93	184.095	7.9704
549	182.8874	7.9717
549.95	182.8642	7.9839
550.07	181.6565	7.9866
550.14	182.8642	7.9866
550.22	181.6333	7.9893
550.91	180.4257	8.0001
550.97	181.6333	7.9987
551.46	180.4025	8.0082
551.95	180.4721	8.0149
552.58	179.2413	8.0244
553.47	178.0104	8.0352
553.51	179.218	8.0365
553.95	177.9872	8.0433
553.95	177.9175	8.0446
555.95	178.173	8.0716
556.31	176.9421	8.077
556.81	175.7345	8.0851
557.07	174.5268	8.0892
557.95	174.7126	8.1013
558.94	173.4818	8.1162
559.95	173.0173	8.1297
560.85	171.7864	8.1432
561.95	171.6006	8.1594
562.67	170.3698	8.1702
562.75	171.5774	8.1702
562.82	170.3698	8.1729

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
135.93	749.0031	2.1631
135.93	749.0031	2.1631
135.94	749.0031	2.1631
135.94	749.0031	2.1644
135.95	749.0031	2.1617
135.96	749.0031	2.1631
135.97	749.0031	2.1644
135.97	749.0031	2.1644
135.98	749.0031	2.1658
135.99	751.0004	2.1671
136.01	753.9109	2.1685
136.21	753.9109	2.1725
136.28	753.9109	2.1725
136.32	753.9109	2.1752
136.77	753.9109	2.1806
137	753.9109	2.1847
137.12	753.9109	2.186
137.18	753.9109	2.1874
137.37	753.9109	2.1887
137.45	753.9109	2.1914
137.5	753.9109	2.1928
137.52	753.9109	2.1914
137.59	753.9109	2.1941
137.62	753.9109	2.1941
137.73	753.9109	2.1914
137.75	753.9109	2.1941
137.76	753.9109	2.1941
137.79	753.9109	2.1914
137.8	753.9109	2.1914
137.81	753.9109	2.1928
137.82	753.9109	2.1941
137.83	756.7071	2.1941
137.99	757.2207	2.1968
139.4	760.2453	2.2198
139.46	760.2453	2.2211
139.5	760.2453	2.2225
139.53	760.2453	2.2225
139.54	760.2453	2.2225
139.56	760.2453	2.2211
139.59	760.2453	2.2238
139.6	760.2453	2.2238
139.61	760.2453	2.2238
139.62	760.2453	2.2252
139.64	760.2453	2.2238
139.65	760.2453	2.2252
139.67	760.2453	2.2238
139.69	760.2453	2.2238
139.7	760.2453	2.2252
139.72	760.2453	2.2252
139.73	760.2453	2.2238
139.76	760.2453	2.2252
139.85	760.2453	2.2252
139.87	760.2453	2.2238
139.89	760.2453	2.2225

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
563.41	169.1621	8.1823
563.47	167.9545	8.1823
563.59	169.1621	8.181
563.62	170.3698	8.181
563.95	169.7427	8.1891
564.19	168.5351	8.1918
565.95	168.9299	8.2175
567.25	167.7687	8.2364
567.33	168.9764	8.2364
567.95	168.8138	8.2472
568.48	167.6062	8.2526
568.54	168.7906	8.2553
569.48	167.5597	8.2688
569.55	168.7673	8.2701
569.95	168.7441	8.2755
570.83	167.5365	8.289
571.45	166.3056	8.2985
571.74	165.098	8.3025
571.95	165.1677	8.3052
573.07	163.9368	8.3214
573.14	165.1444	8.3201
573.23	163.9368	8.3241
573.34	165.1444	8.3241
573.95	164.5174	8.3336
575.44	163.3562	8.3538
575.95	164.0065	8.3606
577.35	162.8453	8.3822
577.95	162.9846	8.3916
579.64	161.8234	8.4159
579.95	162.5666	8.42
581.1	161.3357	8.4362
581.95	160.5693	8.4483
583.95	159.9191	8.478
584.36	158.6882	8.4848
585.87	157.527	8.5064
585.95	158.0612	8.5064
586.53	156.8535	8.5159
586.96	158.0379	8.5226
587.9	156.8071	8.5361
587.94	155.6227	8.5361
587.95	155.5298	8.5361
588.1	154.3454	8.5388
588.4	153.1377	8.5429
589.55	151.9069	8.5604
589.95	151.7443	8.5645
591.67	150.5831	8.5901
591.95	150.2812	8.5928
592.44	149.0503	8.6023
592.71	147.8659	8.6063
593.18	146.6583	8.6117
593.95	146.4725	8.6239
594.99	145.2649	8.6387
595.95	144.7075	8.6522
596.88	143.4998	8.6671

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.9	760.2453	2.2238
139.9	760.2453	2.2211
139.91	760.2453	2.2211
139.92	760.2453	2.2225
139.93	760.2453	2.2211
139.93	760.2453	2.2198
139.94	760.2453	2.2225
139.95	760.2453	2.2211
139.95	760.2453	2.2198
139.96	760.2453	2.2211
139.96	760.2453	2.2198
139.97	760.2453	2.2225
139.98	760.2453	2.2225
139.99	760.2453	2.2238
139.99	760.2453	2.2238
140	763.1557	2.2252
140.02	766.0661	2.2279
140.23	766.0661	2.2306
141.26	766.0661	2.2454
141.5	766.0661	2.2508
141.52	766.0661	2.2522
141.54	766.0661	2.2522
141.55	766.0661	2.2522
141.57	766.0661	2.2549
141.58	766.0661	2.2549
141.59	766.0661	2.2535
141.6	766.0661	2.2549
141.61	766.0661	2.2549
141.62	766.0661	2.2535
141.64	766.0661	2.2535
141.65	766.0661	2.2549
141.66	766.0661	2.2535
141.67	766.0661	2.2549
141.68	766.0661	2.2562
141.69	766.0661	2.2562
141.7	766.0661	2.2549
141.71	766.0661	2.2576
141.72	766.0661	2.2549
141.73	766.0661	2.2549
141.76	766.0661	2.2562
141.77	766.0661	2.2549
141.86	766.0661	2.2522
141.88	766.0661	2.2535
141.89	766.0661	2.2522
141.9	766.0661	2.2508
141.91	766.0661	2.2508
141.92	766.0661	2.2495
141.92	766.0661	2.2508
141.93	766.0661	2.2495
141.94	766.0661	2.2495
141.94	766.0661	2.2495
141.95	766.0661	2.2495
141.95	766.0661	2.2495
141.96	766.0661	2.2508

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
597	144.6843	8.6671
597.4	143.4766	8.6738
597.95	143.4766	8.6806
599.62	142.2458	8.7062
599.85	143.4302	8.7089
599.95	143.1283	8.7089
601.95	143.3837	8.7386
602.69	142.1761	8.7494
603.95	141.851	8.767
605.01	143.0121	8.7818
605.11	141.8045	8.7845
605.83	140.5969	8.7967
605.95	140.6665	8.7967
606.43	141.851	8.8035
606.88	140.6433	8.8116
607.35	141.8277	8.817
607.4	140.6433	8.8183
607.51	141.8277	8.8197
607.95	141.2239	8.8251
608.88	140.0163	8.8399
609.95	140.504	8.8534
611.15	139.2963	8.8723
611.22	140.4808	8.8737
611.91	139.2731	8.8845
611.95	139.575	8.8831
612.76	138.3674	8.8953
613.66	137.1365	8.9088
613.95	136.9972	8.9128
615	135.7663	8.929
615.06	136.974	8.9277
615.6	135.7663	8.9385
615.95	135.7431	8.9412
617.01	134.5355	8.9574
617.95	134.2103	8.9695
618.75	133.0027	8.983
619.45	131.7951	8.9925
619.95	131.3306	9.0006
620.76	130.1229	9.0114
621.7	128.9153	9.0249
621.95	129.5888	9.0289
623.95	129.2404	9.0586
625.36	128.0328	9.0789
625.45	129.2172	9.0775
625.95	128.7527	9.0856
627.95	128.6366	9.1153
628.5	129.821	9.1235
628.55	128.6366	9.1248
629.88	127.4058	9.1451
629.94	128.5902	9.1451
629.95	128.4508	9.1464
631.16	127.2432	9.1626
631.64	126.0356	9.1694
631.95	125.3621	9.1721
632.95	124.1544	9.1883

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
141.96	766.0661	2.2481
141.97	766.0661	2.2495
141.97	766.0661	2.2481
141.97	766.0661	2.2495
141.98	766.0661	2.2481
141.99	766.0661	2.2522
141.99	766.0661	2.2522
141.99	766.0661	2.2522
142	766.0661	2.2508
142.01	766.0661	2.2535
142.02	766.0661	2.2549
142.04	766.6368	2.2576
142.28	766.6368	2.2603
143.04	766.6368	2.2711
143.12	766.6368	2.2711
143.32	766.6368	2.2751
143.36	766.6368	2.2778
143.5	766.6368	2.2805
143.52	766.6368	2.2805
143.55	766.6368	2.2819
143.57	766.6368	2.2819
143.58	766.6368	2.2832
143.6	766.6368	2.2819
143.62	766.6368	2.2819
143.63	766.6368	2.2819
143.66	766.6368	2.2819
143.68	766.6368	2.2832
143.7	766.6368	2.2832
143.72	766.6368	2.2832
143.74	766.6368	2.2846
143.76	766.6368	2.2819
143.82	766.6368	2.2805
143.84	766.6368	2.2805
143.85	766.6368	2.2819
143.87	766.6368	2.2805
143.87	766.6368	2.2805
143.88	766.6368	2.2805
143.89	766.6368	2.2792
143.9	766.6368	2.2792
143.91	766.6368	2.2805
143.91	766.6368	2.2805
143.93	766.6368	2.2792
143.93	766.6368	2.2792
143.94	766.6368	2.2805
143.95	766.6368	2.2832
143.96	766.6368	2.2846
143.99	768.1776	2.2859
144.42	768.1776	2.2927
144.49	768.1776	2.2927
144.54	768.1776	2.2954
145.16	768.1776	2.3021
145.35	768.1776	2.3048
145.51	768.1776	2.3089
145.55	768.1776	2.3102

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
633.95	124.5028	9.2018
635.95	123.5738	9.2315
636.4	122.3662	9.2382
637.95	122.2733	9.2612
639.06	123.4345	9.2774
639.33	122.2501	9.2801
639.95	122.4591	9.2895
640.88	121.2514	9.303
641.95	121.3676	9.3179
643.74	120.1367	9.3449
643.95	120.578	9.3476
645.95	119.8116	9.3773
647.9	118.5807	9.4056
647.95	118.1395	9.4056
649.35	116.9318	9.4259
649.95	116.9086	9.4327
650.51	115.701	9.4435
651.34	114.5165	9.4556
651.94	113.3089	9.4624
651.95	113.4715	9.4624
653.02	112.2638	9.4786
653.61	113.425	9.488
653.68	112.2406	9.4894
653.95	112.7515	9.4934
655.07	111.5439	9.5096
655.71	110.3595	9.5177
655.95	109.7557	9.5204
656.3	108.5713	9.5272
656.53	107.3636	9.5312
657.04	106.1792	9.538
657.95	105.6451	9.5501
658.78	104.4374	9.5636
659.66	103.253	9.5758
659.79	104.4374	9.5771
659.95	104.2052	9.5798
660.64	103.0208	9.5893
661.68	101.8131	9.6055
661.82	102.9975	9.6055
661.95	102.6956	9.6082
662.77	101.488	9.6203
663.94	101.2558	9.6379
665.02	100.0481	9.6527
665.36	98.86371	9.6581
665.94	98.12055	9.6649
667.66	96.88969	9.6919
667.94	96.82001	9.6946
668.87	95.61238	9.7108
669.94	94.79954	9.7243
671.23	93.59191	9.7432
671.94	93.56868	9.754
673.35	92.38427	9.7743
673.94	91.98946	9.7824
674.12	90.80505	9.7837
675.69	89.59741	9.808

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
145.61	768.1776	2.3089
145.74	768.1776	2.3062
145.75	768.1776	2.3102
145.78	768.1776	2.3089
145.79	768.1776	2.3102
145.99	769.8896	2.3129
146.06	769.8896	2.3156
147.36	769.9467	2.3332
147.48	769.9467	2.3386
147.51	769.9467	2.3399
147.54	769.9467	2.3386
147.56	769.9467	2.3386
147.58	769.9467	2.3399
147.6	769.9467	2.3399
147.62	769.9467	2.3399
147.64	769.9467	2.3399
147.65	769.9467	2.3413
147.67	769.9467	2.3399
147.68	769.9467	2.3413
147.71	769.9467	2.3399
147.8	769.9467	2.3386
147.82	769.9467	2.3386
147.83	769.9467	2.3386
147.83	769.9467	2.3359
147.84	769.9467	2.3372
147.85	769.9467	2.3359
147.86	769.9467	2.3386
147.87	769.9467	2.3359
147.88	769.9467	2.3372
147.89	769.9467	2.3372
147.89	769.9467	2.3372
147.9	769.9467	2.3413
147.93	772.8	2.3426
147.99	772.8	2.3426
148.24	768.8624	2.348
149.06	765.8378	2.3588
149.2	762.8704	2.3615
149.79	751.0575	2.3642
149.8	753.9679	2.3642
149.81	756.9354	2.3656
149.82	759.8458	2.3683
149.83	762.8133	2.3683
149.99	762.585	2.3737
151.38	759.6746	2.3912
151.99	766.865	2.4007
152.19	763.8976	2.4034
152.9	760.873	2.4142
152.99	757.9055	2.4155
153.49	754.881	2.425
153.52	751.9706	2.425
153.54	749.0031	2.425
153.57	746.0356	2.4263
153.88	728.4019	2.425
153.89	731.3124	2.4263

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
675.8	90.78183	9.808
675.94	90.57281	9.8107
677.43	89.36517	9.8337
677.94	89.57419	9.8391
678.95	88.38978	9.8553
679.86	87.18214	9.8688
679.94	87.11247	9.8688
681.94	86.5551	9.8985
682.93	85.37068	9.9133
683.94	85.13844	9.9268
684.56	83.95403	9.9376
685.94	83.25732	9.9565
687.94	82.86251	9.9862
688.77	81.6781	9.997
689.3	82.86251	10.0051
689.37	81.6781	10.0051
689.94	82.18902	10.0146
690.49	81.00461	10.0213
691.13	82.1658	10.0308
691.62	80.98138	10.0389
691.94	81.05105	10.0416
693.56	79.84342	10.0673
693.94	80.51691	10.0713
694.22	79.33249	10.0767
695.94	79.07703	10.101
696.09	77.89262	10.1037
696.2	79.07703	10.1037
696.4	77.89262	10.1091
697.13	76.7082	10.1199
697.94	76.7082	10.1307
698.36	75.52379	10.1375
698.47	76.68498	10.1361
699.3	75.50057	10.151
699.94	76.08116	10.1591
701.94	75.75603	10.1874
703.94	75.08254	10.2171
705.92	73.8749	10.2468
705.94	73.80523	10.2468
707.75	72.59759	10.2725
707.94	73.27108	10.2752
709.94	72.43503	10.3022
710.47	71.25061	10.3116
711.94	71.15772	10.3333
712.51	69.9733	10.3414
713.94	69.74107	10.363
715.43	68.55665	10.3832
715.94	68.32441	10.3913
717.94	68.16185	10.4183
719.42	66.97743	10.4413
719.94	66.30394	10.448
720.91	65.11953	10.4629
721.94	65.25887	10.4791
723.18	64.07446	10.4966
723.94	63.98156	10.5061

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
153.9	734.2798	2.425
153.91	737.1903	2.425
153.92	740.1577	2.4236
153.92	743.1252	2.4236
153.93	746.0356	2.425
153.94	749.0031	2.4236
153.95	751.9706	2.4236
153.95	754.881	2.425
153.96	757.8485	2.4263
153.97	760.7589	2.4277
153.99	763.6693	2.4291
153.99	764.1258	2.4277
156.65	757.1066	2.4696
156.69	754.1391	2.4709
157.17	751.1716	2.4777
157.44	754.0821	2.4804
157.47	751.1146	2.4831
157.5	748.1471	2.4831
157.52	745.2367	2.4831
157.55	742.2692	2.4844
157.75	712.8227	2.4871
157.82	715.7902	2.4831
157.84	718.7006	2.4831
157.84	721.6681	2.4844
157.86	724.5785	2.4831
157.86	727.5459	2.4831
157.91	745.2367	2.4831
157.92	748.1471	2.4817
157.93	751.1146	2.4831
157.94	754.025	2.4844
157.95	756.9925	2.4844
157.99	758.1338	2.4871
158.19	755.1663	2.4939
158.61	752.1418	2.4979
159.45	749.1172	2.5101
159.51	746.1498	2.5114
159.73	749.1172	2.5141
159.79	752.0276	2.5128
159.89	754.9951	2.5155
159.99	754.3674	2.5182
160.2	751.3999	2.5195
161.57	739.6441	2.5425
161.58	736.7337	2.5438
161.59	733.7662	2.5425
161.61	730.8558	2.5425
161.62	727.8883	2.5438
161.64	724.9209	2.5438
161.65	722.0105	2.5438
161.66	719.043	2.5452
161.68	716.0755	2.5452
161.69	713.1651	2.5438
161.71	710.2547	2.5425
161.75	707.2872	2.5452
161.84	710.2547	2.5411

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
725.14	65.14275	10.5236
725.37	63.98156	10.5277
725.47	65.14275	10.529
725.94	64.84084	10.5358
727.37	63.65643	10.556
727.94	64.53893	10.5641
729.69	63.3313	10.5911
729.94	64.00479	10.5952
731.94	64.05123	10.6235
733.77	62.86682	10.6506
733.94	63.14551	10.6506
735.25	61.96109	10.6695
735.94	62.8436	10.6803
737.94	62.23978	10.71
739.94	61.91465	10.7383
741.94	62.19333	10.768
743.83	61.00892	10.795
743.94	61.72886	10.7964
744.63	60.54444	10.8072
745.94	60.61411	10.8261
746.37	61.7753	10.8315
746.44	60.61411	10.8355
747.94	60.52122	10.8544
749.94	59.84773	10.8841
751.94	59.8245	10.9111
752.86	58.64009	10.9273
752.97	59.8245	10.926
753.06	58.64009	10.93
753.94	59.4297	10.9409
755.7	58.24529	10.9692
755.84	59.4297	10.9679
755.94	59.36003	10.9706
757.94	59.9174	10.9989
759.94	58.942	11.0259
761.94	59.59227	11.057
763.94	59.40648	11.0867
765.94	59.40648	11.1164
767.94	59.38325	11.1434
769.94	59.05812	11.1744
770.42	57.89693	11.1812
770.53	59.05812	11.1812
771.94	58.75621	11.2014
773.94	58.4543	11.2298
774.36	57.26989	11.2379
774.39	56.1087	11.2393
775.94	56.52672	11.2609
776.65	55.36553	11.2717
776.82	56.52672	11.2717
776.84	55.36553	11.2771
776.86	54.20434	11.2771
776.87	53.04315	11.2784
776.89	51.88196	11.2784
776.9	50.72077	11.2784
776.92	49.55958	11.2771

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.86	713.1651	2.5425
161.87	716.1326	2.5411
161.88	719.1	2.5411
161.89	722.0105	2.5425
161.95	745.5791	2.5411
161.96	748.4895	2.5411
161.96	751.3999	2.5438
161.99	754.3674	2.5452
161.99	754.3674	2.5438
162.32	751.3428	2.5506
162.99	748.3183	2.5614
163.5	745.3508	2.5708
163.57	742.3833	2.5695
163.59	739.4159	2.5722
163.62	736.5054	2.5708
163.65	733.538	2.5708
163.77	736.5054	2.5681
163.78	739.4729	2.5668
163.79	742.4404	2.5668
163.8	745.3508	2.5695
163.81	748.2612	2.5708
163.82	751.1716	2.5735
163.96	748.2612	2.5749
163.99	747.6335	2.5735
164.23	744.666	2.5776
164.32	741.6985	2.5816
164.46	738.7881	2.583
164.53	735.8206	2.583
165.09	732.7961	2.5924
165.49	729.8286	2.5978
165.54	726.8611	2.5992
165.59	723.9507	2.6005
165.61	720.9833	2.5992
165.65	718.0728	2.6005
165.78	721.0403	2.5965
165.79	723.9507	2.5965
165.8	726.8611	2.5978
165.82	729.8286	2.5978
165.83	732.739	2.6005
165.94	735.6494	2.6032
165.99	734.2798	2.6046
166.23	731.3124	2.6073
166.9	728.2878	2.6194
167.47	725.2633	2.6275
167.51	722.3529	2.6289
167.53	719.3854	2.6289
167.55	716.475	2.6302
167.57	713.5075	2.6302
167.58	710.5971	2.6302
167.59	707.6296	2.6302
167.6	704.7192	2.6302
167.62	701.7517	2.6316
167.63	698.7842	2.6316
167.64	695.8738	2.6302

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
776.94	48.37517	11.2798
776.95	47.21398	11.2784
776.97	46.05279	11.2811
776.98	44.8916	11.2798
777	43.73041	11.2811
777.01	42.56922	11.2811
777.02	41.40803	11.2811
777.03	40.24684	11.2811
777.05	39.08565	11.2798
777.06	37.92446	11.2784
777.09	36.76327	11.2784
777.23	37.92446	11.2771
777.26	39.08565	11.2771
777.28	40.24684	11.2757
777.3	41.40803	11.2771
777.31	42.56922	11.2757
777.32	43.73041	11.2744
777.33	44.8916	11.2744
777.34	46.05279	11.2744
777.35	47.23721	11.2744
777.36	48.3984	11.2757
777.36	49.55958	11.273
777.37	50.72077	11.2744
777.38	51.88196	11.2744
777.38	53.04315	11.273
777.39	54.20434	11.2744
777.4	55.36553	11.2744
777.4	56.52672	11.2757
777.63	55.36553	11.2852
777.94	55.50488	11.2892
779.94	54.83139	11.3176
781.93	55.0404	11.3473
783.93	55.01718	11.377
785.32	53.83276	11.3972
785.93	54.85461	11.404
786.12	53.69342	11.408
786.39	54.92428	11.4134
786.44	53.76309	11.4148
787.93	54.39013	11.4337
789.09	53.22895	11.4512

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.65	692.9063	2.6316
167.67	689.9959	2.6316
167.68	687.0284	2.6329
167.69	684.118	2.6329
167.7	681.1506	2.6329
167.71	678.2401	2.6302
167.74	675.2727	2.6316
167.76	672.3623	2.6302
167.82	675.3297	2.6289
167.84	678.2401	2.6289
167.85	681.1506	2.6302
167.87	684.118	2.6289
167.98	725.4915	2.6289
167.99	728.4019	2.6302
167.99	728.8014	2.6316
168	731.7118	2.6329
168.28	728.7444	2.6383
168.55	725.7769	2.641
168.95	722.7523	2.6491
172.56	714.5918	2.7004
173.15	711.5672	2.7085
173.48	708.5997	2.7153
173.51	705.6323	2.7139
173.55	702.7218	2.7166
179.9	686.629	2.799
179.91	689.5394	2.8017
179.91	692.5069	2.8031
179.92	695.4173	2.8044
179.94	698.3277	2.8058
179.99	698.4989	2.8085
180.1	695.5885	2.8085
180.26	692.621	2.8112
180.7	689.6535	2.8179
181.16	686.686	2.8247
181.49	683.7186	2.8287
181.56	680.7511	2.8314
181.59	677.8407	2.8314
181.74	680.7511	2.8301
181.76	683.7186	2.8287
181.77	686.629	2.8314
181.79	689.5394	2.8328
181.99	687.3708	2.8368
182.35	684.4034	2.8422
182.87	681.3788	2.849
183.47	678.4113	2.8598
183.56	675.4439	2.8598
183.72	678.4113	2.8611
183.78	681.3218	2.8611
183.99	680.1233	2.8652
184.27	677.1559	2.8692
185.28	674.1313	2.8841
185.51	671.1638	2.8881
185.57	668.1964	2.8895
185.65	665.286	2.8895

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
185.73	668.2534	2.8854
185.74	671.1638	2.8868
185.76	674.0743	2.8895
185.98	675.4439	2.8935
186.29	672.4764	2.8989
186.96	669.4518	2.9084
187.27	666.4844	2.9138
187.49	663.5169	2.9178
187.54	660.6065	2.9178
187.56	657.6961	2.9178
187.59	654.7286	2.9178
187.61	651.8182	2.9192
187.64	648.8507	2.9205
187.65	645.9403	2.9205
187.67	643.0299	2.9192
187.77	645.9403	2.9165
187.78	648.8507	2.9178
187.8	651.8182	2.9165
187.8	654.7286	2.9165
187.82	657.6961	2.9165
187.83	660.6065	2.9151
187.84	663.5169	2.9165
187.85	666.4273	2.9192
187.86	669.3948	2.9192
187.98	671.1068	2.9219
188.07	668.1964	2.9246
188.49	665.2289	2.93
189.17	662.2043	2.9408
189.27	665.1148	2.9421
189.45	662.1473	2.9462
189.48	659.2369	2.9462
189.53	656.3265	2.9462
189.57	653.359	2.9489
189.58	650.4486	2.9489
189.61	647.4811	2.9462
189.75	650.4486	2.9448
189.76	653.359	2.9448
189.78	656.3265	2.9448
189.79	659.2369	2.9462
189.8	662.1473	2.9475
189.83	665.0577	2.9489
189.98	665.2289	2.9516
190.45	662.2614	2.9583
191.16	659.2939	2.9691
191.35	662.2043	2.9718
191.46	659.2369	2.9745
191.49	656.2694	2.9759
191.55	653.359	2.9759
191.6	650.4486	2.9759
191.67	647.4811	2.9759
191.71	650.4486	2.9759
191.74	653.416	2.9718
191.75	656.3265	2.9745
191.76	659.2369	2.9745

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
191.78	662.1473	2.9772
191.85	665.0577	2.9786
191.98	663.2886	2.9813
192.13	660.3211	2.9826
192.78	657.3537	2.9921
193.46	654.3291	3.0042
193.52	651.4187	3.0042
193.56	648.5083	3.0042
193.6	645.5408	3.0069
193.62	642.6304	3.0056
193.75	645.5408	3.0042
193.77	648.5083	3.0015
193.78	651.4187	3.0029
193.79	654.3291	3.0042
193.88	657.2395	3.0083
193.98	658.2097	3.0096
194.14	655.2992	3.011
194.45	652.2747	3.0177
194.58	655.2422	3.0177
194.79	652.2747	3.0218
195.35	649.3072	3.0299
195.44	646.3397	3.0326
195.49	643.4293	3.0339
195.54	640.4619	3.0353
195.57	637.5514	3.0339
195.59	634.641	3.0353
195.61	631.6735	3.0353
195.66	628.7631	3.0339
195.75	631.7306	3.0326
195.76	634.641	3.0326
195.77	637.5514	3.0326
195.78	640.5189	3.0312
195.79	643.4293	3.0312
195.8	646.3397	3.0339
195.82	649.2502	3.0339
195.98	649.5926	3.0394
196.27	646.6821	3.0421
196.86	643.6576	3.0529
197.45	640.6901	3.0623
197.48	637.7797	3.0623
197.51	634.8122	3.0623
197.54	631.9018	3.0637
197.55	628.9914	3.0637
197.57	626.0239	3.0637
197.59	623.1135	3.0664
197.61	620.2031	3.065
197.62	617.2356	3.065
197.64	614.3252	3.065
197.66	611.4148	3.065
197.68	608.4473	3.065
197.73	605.5369	3.0623
197.77	608.5044	3.0623
197.79	611.4148	3.0623
197.81	614.3252	3.0623

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
197.82	617.2927	3.0623
197.83	620.2031	3.0623
197.84	623.1135	3.061
197.85	626.081	3.061
197.85	628.9914	3.0623
197.86	631.9018	3.061
197.87	634.8693	3.061
197.88	637.7797	3.061
197.89	640.6901	3.0623
197.9	643.6005	3.0637
197.92	646.5109	3.0664
197.98	646.1115	3.0677
198.25	643.144	3.0731
198.42	640.2336	3.0745
198.73	637.2661	3.0785
199.02	634.2986	3.0826
199.44	631.3311	3.0907
199.48	628.4207	3.0907
199.53	625.4533	3.092
199.56	622.5428	3.0934
199.59	619.6324	3.0934
199.62	616.665	3.0934
199.69	613.7545	3.0907
199.73	616.722	3.0893
199.75	619.6324	3.0907
199.76	622.5428	3.0893
199.77	625.5103	3.0893
199.78	628.4207	3.0907
199.79	631.3311	3.0907
199.8	634.2416	3.0934
199.98	633.4426	3.0961
200.38	630.4751	3.1028
200.63	627.5077	3.1082
201.45	624.4831	3.1204
201.51	621.5727	3.119
201.58	618.6623	3.1217
201.71	621.5727	3.1204
201.74	624.4831	3.1204
201.76	627.4506	3.1217
201.98	627.9642	3.1258
202.2	625.0538	3.1298
203.11	622.0292	3.142
203.45	619.0618	3.1501
203.48	616.1514	3.1487
203.53	613.1839	3.1501
203.55	610.2735	3.1514
203.58	607.363	3.1501
203.6	604.3956	3.1514
203.63	601.4852	3.1501
203.65	598.5747	3.1514
203.68	595.6643	3.1501
203.76	598.5747	3.1487
203.77	601.4852	3.1501
203.79	604.4526	3.1487

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
203.8	607.363	3.1474
203.81	610.2735	3.1474
203.82	613.1839	3.1487
203.83	616.1514	3.1487
203.84	619.0618	3.1487
203.85	621.9722	3.1514
203.87	624.8826	3.1541
203.98	624.6543	3.1541
204.14	621.7439	3.1582
204.87	618.7194	3.1676
205.17	615.8089	3.173
205.5	612.8415	3.1771
205.54	609.874	3.1798
205.56	606.9636	3.1811
205.59	604.0532	3.1798
205.61	601.1428	3.1811
205.63	598.1753	3.1798
205.67	595.2649	3.1811
205.75	598.2323	3.1784
205.76	601.1428	3.1771
205.77	604.0532	3.1784
205.79	606.9636	3.1771
205.8	609.9311	3.1771
205.81	612.8415	3.1784
205.83	615.7519	3.1811
205.86	618.6623	3.1825
205.98	616.4938	3.1838
206.29	613.5263	3.1892
206.65	610.6159	3.1933
207.29	607.5913	3.2041
207.56	604.6238	3.2081
207.7	607.5913	3.2095
207.82	610.5017	3.2095
207.98	609.4745	3.2122
208.48	606.507	3.2203
209.35	603.5396	3.2338
209.51	600.5721	3.2351
209.56	597.6617	3.2378
209.71	600.5721	3.2365
209.74	603.4825	3.2365
209.76	606.3929	3.2378
209.98	605.1945	3.2419
210.43	602.227	3.2486
210.61	605.1374	3.2513
210.67	602.227	3.2513
211.47	599.2595	3.2635
212.39	596.8057	3.277
212.62	593.8953	3.281
212.94	590.9278	3.2851
213.83	590.8707	3.2945
213.85	593.7811	3.2959
213.98	592.5827	3.2999
214.15	589.6723	3.3026
214.3	586.7048	3.3053

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
214.62	583.7944	3.3094
215.19	580.8269	3.3175
215.48	577.8595	3.3215
215.74	580.7699	3.3242
215.84	583.6803	3.3256
215.98	582.8813	3.3296
216.13	579.9709	3.331
217.08	576.9464	3.3459
217.47	573.9789	3.3526
217.52	571.0685	3.354
217.55	568.1581	3.3526
217.58	565.2477	3.354
217.6	562.2802	3.3553
217.65	559.3698	3.354
217.74	562.3373	3.3499
217.75	565.2477	3.3513
217.76	568.1581	3.3499
217.77	571.0685	3.3486
217.78	573.9789	3.3499
217.79	576.8893	3.3513
217.81	579.7997	3.354
217.98	579.4003	3.358
218.12	576.4328	3.3621
218.29	579.3432	3.3621
218.37	576.4328	3.3648
218.57	579.3432	3.3661
219.14	576.3757	3.3756
219.44	573.4082	3.3823
219.49	570.4978	3.381
219.54	567.5874	3.381
219.59	564.677	3.3837
219.64	561.7666	3.3837
219.72	564.677	3.3796
219.74	567.5874	3.3796
219.75	570.4978	3.3796
219.77	573.4082	3.381
219.79	576.3187	3.3823
219.98	576.4899	3.3864
220.43	573.5224	3.3931
221.52	570.4978	3.4107
221.69	573.4082	3.412
221.78	576.3757	3.412
221.98	576.7181	3.4161
222.36	573.7506	3.4228
222.44	576.6611	3.4215
222.54	573.7506	3.4228
223.11	570.7832	3.4323
223.43	567.8157	3.4377
223.48	564.9053	3.439
223.53	561.9949	3.4404
223.56	559.0844	3.4404
223.73	559.0844	3.4363
223.75	561.9949	3.4363
223.76	564.9053	3.4377

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
223.77	567.8157	3.439
223.86	570.7261	3.4431
224.26	564.8482	3.4485
224.98	561.8807	3.4606
225.44	558.9132	3.4674
225.55	556.0028	3.4687
225.69	558.9132	3.4687
225.98	560.2258	3.4755
226.89	557.2583	3.4876
227.41	554.2908	3.4957
227.56	551.3804	3.4984
227.6	548.47	3.4971
227.68	551.3804	3.4957
227.74	554.2908	3.4957
227.79	557.2012	3.4984
227.98	555.7746	3.5025
228.2	552.8642	3.5065
228.79	549.8967	3.516
229.49	546.9292	3.5268
229.56	544.0188	3.5281
229.72	546.9292	3.5241
229.74	549.8396	3.5281
229.98	550.5815	3.5308
230.16	547.6711	3.5362
230.33	544.7036	3.5389
231.44	541.7361	3.5538
231.51	538.8257	3.5551
231.72	541.7361	3.5551
231.78	544.6465	3.5565
231.98	543.6193	3.5605
232.36	540.6518	3.5673
233.43	537.6844	3.5835
233.47	534.7739	3.5848
233.51	531.8635	3.5848
233.54	528.9531	3.5862
233.57	526.0427	3.5848
233.6	523.1323	3.5862
233.64	520.2219	3.5862
233.73	523.1323	3.5835
233.75	526.0427	3.5821
233.76	528.9531	3.5821
233.81	540.5948	3.5848
233.83	543.5052	3.5862
233.98	542.478	3.5902
234.81	539.5105	3.6037
235.29	542.3638	3.6078
235.73	539.4534	3.6132
235.98	540.3665	3.6186
236.21	537.4561	3.6226
237.31	534.4315	3.6388
237.43	531.5211	3.6415
237.85	516.9691	3.6402
237.98	536.9425	3.647
238.25	533.975	3.6524

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
239.43	530.9505	3.6713
239.47	528.0971	3.6699
239.68	531.0075	3.6713
239.74	533.8609	3.6713
239.98	534.0321	3.678
241.15	531.0646	3.6942
241.55	528.0971	3.701
241.67	531.0075	3.6983
241.74	533.9179	3.701
241.98	533.5185	3.7064
243.42	530.4939	3.728
243.55	527.5265	3.7307
243.59	524.6731	3.7307
243.64	521.7627	3.7307
243.72	524.6731	3.7266
243.74	527.5835	3.7253
243.75	530.4369	3.7293
243.78	533.3473	3.7307
243.98	533.119	3.7347
244.31	530.2086	3.7388
245.43	527.2411	3.7563
245.52	524.2736	3.759
245.67	527.184	3.7577
245.74	530.0945	3.759
245.98	530.2657	3.7617
246.69	527.2982	3.7739
247.14	530.2086	3.7793
247.43	527.2411	3.786
247.5	524.3307	3.7874
247.57	521.4203	3.7874
247.71	524.3878	3.782
247.72	527.2411	3.786
247.76	530.1515	3.7874
247.98	529.9233	3.7914
249.05	526.9558	3.809
249.26	529.8091	3.8117
249.48	526.8987	3.8144
249.57	523.9883	3.8171
249.71	526.8987	3.8144
249.74	529.8091	3.8157
249.98	528.6107	3.8211
251.3	525.5862	3.8414
251.36	528.4966	3.84
251.44	525.5862	3.8441
251.67	528.4966	3.8441
251.79	531.3499	3.8468
251.98	529.6379	3.8495
253.47	526.5563	3.8738
253.54	523.6459	3.8765
253.62	520.7355	3.8751
253.68	523.703	3.8724
253.71	526.6134	3.8697
253.73	529.4667	3.8738
253.74	532.3771	3.8738

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
253.98	533.6897	3.8778
254.26	530.7793	3.8846
255.46	527.7547	3.9035
255.85	533.5755	3.9048
255.98	534.8881	3.9089
256.28	531.9777	3.9143
256.94	529.0102	3.9237
257.46	526.0427	3.9305
257.73	528.9531	3.9318
257.98	528.3254	3.9372
259.36	525.3579	3.9589
259.54	522.3904	3.9616
259.62	519.5371	3.9602
259.67	522.4475	3.9602
259.72	525.3008	3.9602
259.98	524.3307	3.9656
260.97	521.3632	3.9805
261.22	524.2166	3.9845
261.34	521.3062	3.9859
261.49	518.3957	3.9886
261.5	521.3062	3.9899
261.51	524.2166	3.9899
261.53	521.3062	3.9913
261.54	518.3957	3.9926
261.55	515.4853	3.9926
261.57	512.5749	3.994
261.58	509.6645	3.9926
261.59	506.7541	3.994
261.6	503.9008	3.9926
261.61	500.9903	3.9953
261.62	498.0799	3.994
261.63	495.1695	3.9953
261.64	492.2591	3.994
261.66	489.4058	3.9926
261.68	486.4953	3.9953
261.69	483.5849	3.9926
261.9	492.3162	3.9899
261.91	495.2266	3.9899
261.92	498.137	3.9886
261.93	500.9903	3.9872
261.94	503.9008	3.9886
261.94	506.8112	3.9913
261.95	509.7216	3.9899
261.96	512.632	3.9872
261.97	515.4853	3.9899
261.98	518.3957	3.9886
261.98	518.9664	3.9886
261.99	521.8768	3.9899
262	524.7872	3.9913
262.02	527.6406	3.9953
262.25	524.7302	3.9994
262.84	521.7627	4.0088
263.49	518.7952	4.0196
263.72	521.7056	4.0196

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
263.98	520.336	4.0237
265.51	517.3115	4.048
265.66	520.2219	4.048
265.8	523.0752	4.0507
265.98	521.9339	4.0534
267.44	518.9093	4.0736
267.73	521.7627	4.0777
267.98	522.5616	4.0804
268.35	519.5942	4.0871
269.66	522.5616	4.1074
269.98	522.3904	4.1114
271.45	519.3659	4.1344
271.53	516.4555	4.133
271.65	519.3659	4.1317
271.67	522.2763	4.1344
271.74	525.1296	4.1344
273.35	525.9856	4.16
273.43	523.0752	4.1627
273.49	520.1648	4.1627
273.53	517.2544	4.1641
273.67	520.1648	4.1627
273.7	523.0752	4.16
273.72	525.9286	4.1627
273.87	528.839	4.1681
273.98	526.4992	4.1695
275.72	529.2385	4.1924
275.98	528.839	4.1978
277.42	525.8144	4.2208
277.65	528.7249	4.2221
277.73	531.5782	4.2235
277.98	529.6379	4.2275
279.44	526.6134	4.2491
279.52	523.76	4.2491
279.65	526.6134	4.2491
279.7	529.5238	4.2505
279.98	531.2358	4.2559
280.52	528.2683	4.264
281.09	531.3499	4.2721
281.44	528.3825	4.2775
281.5	525.5291	4.2789
281.54	522.6187	4.2816
281.57	519.7083	4.2802
281.67	522.6187	4.2789
281.69	525.5291	4.2762
281.71	528.3825	4.2775
281.73	531.2929	4.2789
281.75	534.1462	4.2843
281.98	532.3771	4.2856
283.5	529.4097	4.3086
283.67	532.263	4.3072
283.7	535.1734	4.3099
283.98	535.1163	4.3153
285.21	538.1409	4.3315
285.42	535.2305	4.3356

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
285.54	532.3201	4.3383
285.65	535.2305	4.3356
285.73	538.0838	4.3396
285.94	535.1734	4.3437
285.98	534.4315	4.341
286.38	531.4641	4.3491
286.61	534.3174	4.3518
287.79	537.342	4.368
287.98	537.1137	4.3707
289.36	534.0891	4.3936
289.43	531.2358	4.395
289.74	534.0891	4.3977
289.98	533.119	4.4017
290.79	536.1436	4.4125
291.44	533.1761	4.4247
291.5	530.2657	4.4233
291.54	527.4123	4.426
291.66	530.2657	4.4247
291.69	533.1761	4.4233
291.71	536.0294	4.4247
291.92	538.9398	4.4287
291.98	537.9126	4.4314
293.43	534.9451	4.4517
293.69	537.7985	4.453
293.98	536.4289	4.4584
295.56	533.4043	4.4827
295.64	536.3148	4.4787
295.66	539.1681	4.4841
295.83	542.0785	4.4854
295.88	539.1681	4.4868
295.98	538.7686	4.4868
297.38	535.8012	4.5097
297.5	532.8907	4.5097
297.67	535.7441	4.5097
297.87	538.8257	4.5151
298.1	536.0865	4.5192
299.44	533.119	4.5394
299.71	535.9724	4.5421
299.98	535.4017	4.5462
301.72	538.3121	4.5705
301.98	535.9724	4.5746
302.17	538.8257	4.5773
302.82	535.9153	4.5881
303.5	532.9478	4.5989
303.65	535.8582	4.5989
303.73	538.7116	4.6002
303.98	539.2822	4.6043
305.43	536.2577	4.6259
305.72	539.111	4.6286
305.97	539.6817	4.634
307.72	542.6492	4.6556
307.97	542.9916	4.6623
309.53	539.967	4.6853
309.7	542.8204	4.6839

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
309.97	543.1628	4.692
311.43	540.1953	4.7123
311.72	543.0486	4.7163
311.97	541.679	4.719
313.52	538.6545	4.7433
313.66	541.5649	4.742
313.8	544.4183	4.7447
313.97	544.4183	4.7487
315.55	541.3937	4.773
315.64	544.2471	4.773
315.88	547.1004	4.7757
315.97	545.5596	4.7784
317.25	548.5271	4.796
317.97	549.8396	4.8068
319.52	546.8151	4.8297
319.58	549.6684	4.8311
319.91	552.5218	4.8338
319.97	550.4103	4.8351
321.41	547.3857	4.8581
321.5	544.5324	4.8581
321.62	547.4428	4.8567
321.66	550.2961	4.8581
321.75	553.1495	4.8608
321.97	552.3506	4.8649
322.38	549.4401	4.8716
322.59	552.2935	4.873
323.41	549.3831	4.8865
323.49	546.4727	4.8892
323.63	549.326	4.8865
323.69	552.2364	4.8878
323.97	553.7202	4.8946
325.07	550.7527	4.9081
325.15	553.606	4.9094
325.4	550.6956	4.9162
325.49	547.8423	4.9148
325.59	550.6956	4.9162
325.7	553.606	4.9162
325.97	551.4375	4.9229
325.98	548.5841	4.9229
326.03	545.6737	4.9256
326.09	542.8204	4.9243
326.33	539.91	4.9283
327.49	536.9425	4.9459
327.61	539.8529	4.9445
327.64	542.7062	4.9472
327.97	543.4481	4.9513
329.47	540.4236	4.9742
329.63	543.2769	4.9742
329.97	544.0188	4.9796
331.42	541.0513	5.0039
331.7	543.9047	5.0039
331.97	543.6764	5.0093
332.84	540.7089	5.0228
332.9	543.6193	5.0215

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
333.97	543.9047	5.039
334.81	540.9372	5.0525
334.98	538.0838	5.0539
335.6	515.0859	5.0647
335.65	512.2325	5.0633
335.78	532.3201	5.0593
335.8	535.1734	5.0593
335.81	538.0268	5.0606
335.83	541.0513	5.0633
335.97	541.4508	5.0674
336.27	538.5404	5.0728
337.53	535.5729	5.0917
337.65	538.4262	5.089
337.7	541.4508	5.093
337.97	539.7388	5.0957
339.4	536.7142	5.1187
339.47	533.8609	5.12
339.54	531.0075	5.12
339.63	533.8609	5.1187
339.66	536.7713	5.116
339.68	539.6246	5.1173
339.79	542.6492	5.1214
339.97	540.5377	5.1254
340.53	537.6273	5.1335
340.61	540.4806	5.1335
341.5	534.8881	5.1484
341.66	537.7414	5.1443
341.67	540.766	5.1497
341.73	543.6193	5.1511
341.97	541.1084	5.1551
342.95	538.198	5.1673
342.99	541.0513	5.1687
343.49	538.1409	5.1768
343.63	540.9942	5.1781
343.97	541.5649	5.1822
344.79	544.5324	5.1943
345.37	541.622	5.2038
345.62	544.6465	5.2078
345.97	544.0188	5.2132
347.32	541.0513	5.2335
347.5	538.198	5.2348
347.58	535.2875	5.2375
347.65	538.198	5.2348
347.68	541.0513	5.2335
347.7	543.9047	5.2348
347.97	543.6764	5.2402
349.52	540.7089	5.2645
349.62	543.5623	5.2645
349.72	546.5868	5.2672
349.97	545.2172	5.2699
351.37	542.2497	5.2915
351.69	545.2743	5.2942
351.9	542.3638	5.301
351.97	543.334	5.2983

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
352.75	540.4236	5.3118
353.56	537.5132	5.3226
353.63	540.3665	5.3212
353.79	543.3911	5.3253
353.86	540.5377	5.3266
353.97	542.5921	5.328
355.43	539.6246	5.3496
355.58	542.478	5.3496
355.97	544.7036	5.3577
356.19	541.8502	5.3604
357.48	538.8828	5.3793
357.61	541.7361	5.3793
357.68	544.7607	5.3806
357.97	543.9617	5.3874
359.43	540.9942	5.4076
359.58	544.0188	5.4103
359.72	547.1004	5.4117
359.77	544.19	5.413
359.97	544.19	5.4144
360.04	547.2145	5.4171
360.63	544.3612	5.4252
361.21	547.3287	5.4333
361.37	544.4753	5.4373
361.69	547.4999	5.4414
361.97	547.8423	5.4441
362.02	544.9889	5.4454
362.22	542.1356	5.4481
363.49	539.1681	5.467
363.62	542.0214	5.467
363.68	545.046	5.4684
363.97	544.8177	5.4738
365.41	541.8502	5.4954
365.61	544.7036	5.4954
365.78	547.7281	5.4981
365.85	544.8748	5.5008
365.97	545.3884	5.5022
366.47	542.535	5.5089
367.4	539.5676	5.5251
367.45	536.7142	5.5265
367.48	533.6897	5.5265
367.51	530.8363	5.5278
367.54	527.7547	5.5265
367.59	524.9014	5.5278
367.67	527.8118	5.5238
367.69	530.6651	5.5238
367.7	533.5185	5.5224
367.71	536.543	5.5238
367.72	539.3964	5.5224
367.74	542.4209	5.5238
367.76	545.4455	5.5265
367.97	545.046	5.5305
368.86	542.1356	5.544
369.72	545.1031	5.5575
369.93	542.2497	5.5589

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
369.97	543.5623	5.5602
371.48	540.5948	5.5818
371.61	543.6193	5.5845
371.97	543.3911	5.5899
373.09	546.3585	5.6048
373.29	543.4481	5.6088
373.54	540.5948	5.6115
373.61	543.6193	5.6129
373.69	546.6439	5.6142
373.97	546.4727	5.6183
375.47	543.5052	5.6399
375.59	546.5297	5.6399
375.97	547.7852	5.648
376.93	544.8748	5.6615
377.5	541.9644	5.6709
377.65	544.9889	5.6709
377.76	548.0135	5.6736
377.97	547.614	5.675
379.5	544.6465	5.6979
379.55	547.6711	5.7006
379.65	550.6956	5.7006
379.97	549.1548	5.7047
381.45	546.1873	5.7276
381.56	549.2119	5.7276
381.69	552.2364	5.7303
381.97	550.5244	5.7344
383.21	553.4348	5.7533
383.27	550.4103	5.7533
383.7	553.4348	5.7587
383.97	551.894	5.7627
384.45	548.9836	5.7708
384.87	546.0732	5.7776
385.66	549.0977	5.7871
385.97	549.4401	5.7911
387.27	552.3506	5.81
387.36	549.4972	5.8127
387.44	546.4727	5.8141
387.59	549.4972	5.8141
387.61	552.5218	5.8181
387.97	551.5516	5.8208
388.93	554.462	5.8357
389.25	551.6087	5.8397
389.68	554.5762	5.8478
389.97	553.4348	5.8519
391.32	550.4673	5.8694
391.62	553.4919	5.8748
391.97	551.2092	5.8802
393.36	548.2417	5.8991
393.97	548.1847	5.9086
394.53	545.2743	5.918
395.36	542.3638	5.9288
395.57	545.3884	5.9329
395.97	545.7308	5.9356
396.58	542.8774	5.945

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
396.68	545.8449	5.9477
397.16	542.9916	5.9545
397.23	546.0161	5.9558
397.32	543.1628	5.9585
397.4	540.1382	5.9572
397.55	543.1628	5.9599
397.63	546.1873	5.9599
397.97	547.4428	5.9666
398.17	544.5895	5.9693
398.78	547.614	5.9774
399.36	544.7036	5.9869
399.65	547.7281	5.9896
399.97	547.6711	5.995
401.4	544.7036	6.0166
401.65	547.7281	6.0193
401.97	546.5868	6.0233
402.85	549.4972	6.0368
403.22	546.6439	6.0436
403.65	549.6113	6.0476
405.4	537.7414	6.076
405.44	534.7169	6.076
405.64	528.6678	6.076
405.71	546.8151	6.0733
405.73	549.8396	6.0747
405.74	552.8642	6.0787
405.97	553.606	6.0828
406.03	550.5815	6.0828
407.35	547.614	6.103
407.68	550.5815	6.1071
407.97	549.4401	6.1125
408.32	546.5868	6.1152
408.36	549.6113	6.1165
408.44	546.5868	6.1179
408.84	543.6764	6.1246
409.37	540.823	6.1327
409.67	543.8476	6.1341
409.97	543.2198	6.1395
410.55	540.3665	6.1489
411.39	537.4561	6.1597
411.97	538.1409	6.1678
412.19	535.2875	6.1719
412.91	532.4342	6.1827
413.45	529.5238	6.1908
413.68	532.5483	6.1935
413.92	529.695	6.1975
413.97	531.7494	6.1989
414.45	528.8961	6.2056
414.84	531.8635	6.211
415.34	529.0102	6.2178
415.59	531.9777	6.2218
415.97	532.1489	6.2286
416.42	529.2955	6.234
417.37	526.3851	6.2475
417.52	523.3606	6.2488

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
417.58	526.3851	6.2502
417.97	526.328	6.2556
419.68	529.2385	6.2812
419.78	526.2139	6.2826
419.97	527.127	6.2826
420.37	530.0945	6.2907
420.45	527.0699	6.292
420.98	524.2166	6.3001
421.65	527.184	6.3096
421.97	524.9014	6.315
422.3	522.048	6.319
422.63	519.1376	6.3244
422.84	516.1131	6.3271
422.93	519.1376	6.3271
423.12	516.2843	6.3325
423.52	513.2597	6.3366
423.57	516.2843	6.3339
423.73	519.2518	6.3393
423.9	516.2272	6.342
423.96	516.6267	6.3433
425.07	519.5371	6.3582
425.36	516.6837	6.3649
425.61	519.7083	6.3649
425.96	519.48	6.3717
426.74	516.5696	6.3839
427.34	513.7163	6.392
427.63	516.6837	6.396
427.96	515.7136	6.4001
428.34	512.8603	6.4068
429.39	509.9498	6.423
429.46	506.9253	6.423
429.57	509.9498	6.423
429.61	512.9744	6.4244
429.7	515.9419	6.4257
429.9	512.9173	6.4298
429.96	514.0587	6.4284
430.92	511.1482	6.446
431.96	510.5205	6.4595
432.13	507.496	6.4608
432.48	504.6426	6.4662
433.43	501.7322	6.4797
433.62	504.7568	6.4824
433.96	503.3872	6.4878
434.94	500.4767	6.5027
435.63	503.4442	6.5108
435.96	502.6453	6.5162
437.32	499.7349	6.5364
437.65	502.7023	6.5405
437.96	502.1317	6.5445
438.18	499.1071	6.5486
438.28	502.1317	6.5513
438.36	499.1071	6.5513
438.96	496.2538	6.5594
439.41	493.3434	6.5675

S2N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
439.96	494.4276	6.5756
440.27	491.4031	6.5796
441.33	488.4927	6.5958
441.96	485.6393	6.6039
441.96	485.8105	6.6053
443.41	482.9001	6.6255
443.48	485.9247	6.6242
443.63	488.8922	6.6269
443.96	488.721	6.6323
445.15	485.8105	6.6498
445.65	488.778	6.6579
445.79	485.7535	6.6593
445.96	487.2372	6.662
447.31	484.3268	6.6823
447.51	481.3023	6.6836
447.56	484.2697	6.6836
447.62	487.2943	6.685
447.96	487.4655	6.6917
448.63	484.6121	6.6998
449.31	481.7017	6.7133
449.66	484.7263	6.7147
449.96	483.5279	6.7214
451.01	480.6175	6.7363
451.62	483.5849	6.7444
451.81	480.6175	6.7471
451.96	481.7017	6.7484
453.29	478.7913	6.7687
453.35	475.7668	6.7687
453.5	478.7913	6.7714
453.61	481.0169	6.7727

S2N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	2.801984	0.027
0.2944	7.44277	0.0297
0.8558	12.08356	0.0378
1.8952	16.72434	0.0527
1.9998	16.72434	0.054
3.1368	21.36513	0.0702
3.9997	21.97806	0.0837
4.874	26.53129	0.0986
5.9995	30.55914	0.1161
6.2036	30.55914	0.1202
6.3044	30.55914	0.1215
6.3475	30.55914	0.1215
6.3861	30.55914	0.1242
6.497	30.55914	0.1242
6.6294	30.55914	0.1242
6.7012	30.55914	0.1242
6.7497	30.55914	0.1229
6.7789	30.55914	0.1229
6.8533	30.55914	0.1229
6.9104	30.55914	0.1229
6.9528	30.55914	0.1202
6.9745	30.55914	0.1202
7.0187	30.55914	0.1256
7.5352	30.55914	0.1377
7.5786	30.55914	0.1364
7.6699	35.19993	0.1404
7.684	35.19993	0.1418
7.7723	35.19993	0.1431
7.8237	35.19993	0.1472
7.8569	35.19993	0.1485
7.8811	35.19993	0.1499
7.9054	35.19993	0.1499
7.9293	35.19993	0.1499
7.9449	35.19993	0.1499
7.9615	35.19993	0.1499
7.9781	35.19993	0.1499
7.992	35.19993	0.1512
7.9993	35.19993	0.1472
8.0167	35.19993	0.1472
8.153	35.19993	0.1404
8.191	35.19993	0.1404
8.2137	35.19993	0.1391
8.2357	35.19993	0.1391
8.2544	35.19993	0.1377
8.2718	35.19993	0.1404
8.2852	35.19993	0.1404
8.3042	35.19993	0.1431
8.3578	35.19993	0.1472
8.8776	35.19993	0.1539
9.9348	38.2646	0.1688
9.9992	38.2646	0.1701
11.799	42.20489	0.1958
11.999	42.20489	0.2012
12.976	46.58299	0.212

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	2.465706	0.0351
0.1558	4.60804	0.0338
0.5356	6.750374	0.0419
0.8446	6.750374	0.0486
0.8982	6.750374	0.05
1.0555	6.750374	0.0473
1.0965	6.750374	0.0473
1.9998	8.165123	0.0621
2.8239	8.165123	0.0783
2.8832	8.165123	0.0783
2.9254	8.165123	0.0783
3.0493	8.165123	0.081
3.1885	8.165123	0.0797
3.2295	8.165123	0.0783
3.2578	8.165123	0.0783
3.2983	8.165123	0.0783
3.9346	10.30746	0.0918
3.9997	10.30746	0.0918
4.8423	10.30746	0.1067
4.903	10.30746	0.108
4.9825	10.30746	0.1067
5.1532	10.30746	0.1094
5.1905	10.30746	0.108
5.2135	10.30746	0.1053
5.4613	12.00516	0.1134
5.9995	12.00516	0.1229
6.649	13.70286	0.1296
7.9993	14.26876	0.1499
9.4048	16.41109	0.1715
9.9992	16.57278	0.1796
11.402	18.67469	0.1998
11.999	19.11932	0.2093
12.844	19.11932	0.2228
13.378	19.11932	0.2282
13.999	19.11932	0.239
14.722	21.26166	0.2471
14.766	21.26166	0.2498
14.805	21.26166	0.2525
14.828	21.26166	0.2525
14.867	21.26166	0.2552
14.89	21.26166	0.2538
14.922	21.26166	0.2538
14.971	21.26166	0.2552
15.086	21.26166	0.2552
15.161	21.26166	0.2525
15.195	21.26166	0.2538
15.222	21.26166	0.2511
15.242	21.26166	0.2525
15.26	21.26166	0.2525
15.291	21.26166	0.2525
15.313	21.26166	0.2511
15.48	21.26166	0.2579
15.999	21.26166	0.2673
16.796	21.26166	0.2808

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	7.164496	0.1985
0.1446	10.81563	0.2012
0.9131	14.46677	0.2106
1.6286	18.04902	0.2228
1.7182	18.04902	0.2322
1.7472	18.04902	0.2322
1.7762	18.04902	0.2336
1.8177	18.04902	0.2282
1.9813	18.04902	0.2241
1.9998	18.04902	0.2147
2.0252	18.04902	0.216
2.0418	18.04902	0.2174
2.0689	19.28903	0.2282
2.5927	22.94016	0.2322
3.1658	26.52241	0.2403
3.7365	26.52241	0.2579
3.7733	26.52241	0.2592
3.8055	26.52241	0.2592
3.8455	26.52241	0.2606
3.9997	26.52241	0.2538
4.0338	26.52241	0.2538
4.056	26.52241	0.2511
4.075	26.52241	0.2484
4.0941	28.72687	0.2525
4.1499	32.37801	0.2606
4.6225	36.02915	0.2633
4.7096	36.02915	0.2727
4.8281	36.02915	0.266
5.0927	39.61139	0.27
5.5332	43.26253	0.2768
5.7278	43.26253	0.2876
5.739	43.26253	0.2876
5.7537	43.26253	0.2903
5.7727	43.26253	0.2889
5.792	43.26253	0.2916
5.8127	43.26253	0.2889
5.8951	43.26253	0.2835
5.9512	43.26253	0.2835
5.9839	43.26253	0.2822
5.9995	43.26253	0.2768
6.0197	43.26253	0.2768
6.0344	43.26253	0.2754
6.0471	43.26253	0.2741
6.059	43.26253	0.2781
6.0714	43.74476	0.2795
6.1078	47.39589	0.2835
6.4341	50.97814	0.2889
6.7636	54.62928	0.2957
6.9428	54.62928	0.3011
7.008	54.62928	0.2997
7.1479	58.28042	0.3011
7.2784	58.28042	0.3038
7.366	58.28042	0.3038
7.593	61.93155	0.3052

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	1.04524	0.0149
0.1649	2.542477	0.0162
0.2078	4.039713	0.0149
0.3931	5.536949	0.0203
0.6551	5.536949	0.0243
0.8319	5.536949	0.0257
1.713	7.034185	0.0378
1.9998	7.316683	0.0446
2.0976	7.316683	0.0459
2.2808	7.316683	0.0446
2.8529	8.813919	0.054
3.1846	8.813919	0.0608
3.2697	8.813919	0.0608
3.7304	10.31116	0.0662
3.9997	10.31116	0.0716
4.0819	10.31116	0.0743
4.2448	10.31116	0.0743
4.3904	11.21515	0.077
4.7213	11.21515	0.0837
4.8498	11.21515	0.0851
5.3627	12.68413	0.0905
5.6751	12.68413	0.0972
5.7503	12.68413	0.0959
5.9995	13.19263	0.1013
6.0844	13.19263	0.104
6.2527	13.19263	0.104
6.7975	14.68987	0.1121
7.3201	16.1871	0.1202
7.4962	16.1871	0.1229
7.7286	16.1871	0.1242
7.9993	16.38485	0.131
8.0498	16.38485	0.1323
8.0913	16.38485	0.1337
8.162	16.38485	0.1337
8.2913	16.38485	0.1337
8.3213	16.38485	0.1323
8.3413	16.38485	0.1337
8.4932	17.85384	0.1364
8.8958	19.35107	0.1418
8.9119	19.35107	0.1445
9.3782	19.35107	0.1499
9.7736	20.84831	0.1553
9.7833	20.84831	0.1566
9.9992	20.84831	0.158
10.372	21.83705	0.1634
11.118	23.33429	0.1742
11.836	24.83152	0.1863
11.999	24.83152	0.1877
12.107	24.83152	0.189
12.237	24.83152	0.1904
12.49	26.30051	0.1931
12.802	26.30051	0.2025
12.976	26.30051	0.2025
13.331	27.79774	0.2066

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
13.403	46.58299	0.2201
13.694	46.58299	0.2228
13.999	48.07154	0.2282
14.956	52.71233	0.2417
14.969	52.71233	0.2444
15.518	52.71233	0.2498
15.999	52.71233	0.2579
16.533	56.03968	0.2646
16.608	56.03968	0.2673
16.993	56.03968	0.2714
17.999	58.84167	0.2862
18.188	58.84167	0.2903
18.315	58.84167	0.2916
19.656	63.48245	0.3092
19.998	65.32125	0.3173
20.141	65.32125	0.3187
20.414	65.32125	0.3227
21.418	69.87448	0.3362
21.998	69.87448	0.3457
22.472	73.55208	0.3497
23.577	78.19287	0.3673
23.605	78.19287	0.37
23.998	78.19287	0.374
24.43	81.25754	0.3794
24.557	81.25754	0.3835
24.932	81.25754	0.3875
25.893	85.81076	0.401
25.998	85.81076	0.4037
26.928	89.48837	0.4159
27.953	94.12915	0.4307
27.998	94.12915	0.4334
28.832	98.41969	0.4442
29.022	98.41969	0.4496
29.151	98.41969	0.4483
29.998	99.90825	0.4618
30.585	104.549	0.4699
30.783	104.549	0.4739
30.954	104.549	0.4739
31.875	109.1023	0.4874
31.997	109.1023	0.4901
32.254	110.6784	0.4928
33.064	115.2316	0.5063
33.997	119.2594	0.5185
34.847	123.8127	0.532
35.262	123.8127	0.5401
35.451	123.8127	0.5387
35.912	128.3659	0.5468
35.997	128.3659	0.5482
37.09	132.3937	0.563
37.997	135.1082	0.5779
38.472	139.749	0.5833
39.771	144.3022	0.6022
39.997	144.9151	0.6049
40.789	149.4683	0.6184

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
16.829	21.26166	0.2795
16.88	21.26166	0.2822
16.919	21.26166	0.2822
16.962	21.26166	0.2822
17.028	21.26166	0.2835
17.272	21.26166	0.2835
17.301	21.26166	0.2822
17.32	21.26166	0.2822
17.339	21.26166	0.2822
17.362	21.26166	0.2808
17.392	21.26166	0.2835
17.999	22.23177	0.2943
18.531	24.37411	0.3038
18.822	24.37411	0.3092
18.916	24.37411	0.3092
18.993	24.37411	0.3092
19.032	24.37411	0.3065
19.77	26.47602	0.3214
19.998	26.47602	0.3227
20.498	28.3354	0.3308
20.8	28.3354	0.3376
20.86	28.3354	0.3389
20.902	28.3354	0.3389
21.09	28.3354	0.3403
21.113	28.3354	0.3389
21.207	28.3354	0.3416
21.998	28.3354	0.3551
22.434	30.43732	0.3592
22.789	30.43732	0.3686
22.818	30.43732	0.3686
22.857	30.43732	0.3686
22.899	30.43732	0.3673
22.953	30.43732	0.37
23.013	30.43732	0.37
23.185	30.43732	0.37
23.212	30.43732	0.3686
23.234	30.43732	0.3673
23.251	30.43732	0.3686
23.264	30.43732	0.3673
23.282	30.43732	0.3673
23.869	32.57965	0.3808
23.998	32.57965	0.3835
24.483	34.39861	0.3875
24.812	34.39861	0.3956
24.879	34.39861	0.397
24.983	34.39861	0.3956
25.016	34.39861	0.397
25.67	36.54095	0.4064
25.998	36.66221	0.4105
26.478	38.80455	0.4172
26.831	38.80455	0.424
27.001	38.80455	0.4253
27.443	40.94688	0.4321
27.998	42.19994	0.4388

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
7.7374	61.93155	0.3133
7.7518	61.93155	0.316
7.7689	61.93155	0.316
7.7886	61.93155	0.3173
7.8098	61.93155	0.3173
7.8301	61.93155	0.3173
7.8506	61.93155	0.316
7.894	61.93155	0.3146
7.9771	61.93155	0.3079
7.9862	61.93155	0.3119
7.9993	61.93155	0.3106
8.0252	61.93155	0.3092
8.0408	61.93155	0.3092
8.0535	61.93155	0.3052
8.0637	61.93155	0.3052
8.0737	61.93155	0.3052
8.0881	64.34268	0.3119
8.1247	67.99382	0.316
8.2193	67.99382	0.316
8.2898	67.99382	0.3187
8.413	67.99382	0.3173
8.4312	67.99382	0.3173
8.4827	71.57607	0.32
8.6681	75.2272	0.3254
8.7354	75.2272	0.3254
8.8727	75.2272	0.3227
9.0258	78.87834	0.3308
9.4163	82.46059	0.3335
9.597	82.46059	0.3376
9.6275	82.46059	0.3349
9.7299	82.46059	0.3443
9.7426	82.46059	0.3443
9.7548	82.46059	0.3443
9.768	82.46059	0.347
9.7858	82.46059	0.347
9.8033	82.46059	0.347
9.8194	82.46059	0.3484
9.8382	82.46059	0.3457
9.8699	82.46059	0.343
9.9738	82.46059	0.3362
9.9823	82.46059	0.3403
9.9972	82.46059	0.3416
9.9992	82.46059	0.3403
10.021	82.46059	0.3322
10.033	82.46059	0.3362
10.043	82.46059	0.3322
10.053	82.46059	0.3322
10.061	82.46059	0.3349
10.07	83.21837	0.3403
10.088	86.80062	0.3403
10.122	90.45176	0.343
10.389	94.10289	0.3457
10.644	97.68514	0.3511
10.869	101.3363	0.3538

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
13.773	29.29498	0.2133
13.999	30.17072	0.216
14.191	30.17072	0.2201
14.367	30.17072	0.2214
14.755	31.66796	0.2268
15.155	33.1652	0.2336
15.596	34.63418	0.239
15.61	34.63418	0.2403
15.817	34.63418	0.2444
15.999	35.02968	0.2471
16.31	36.52691	0.2498
16.794	38.02415	0.2565
16.804	38.02415	0.2565
17.091	38.02415	0.2606
17.5	39.49314	0.2673
17.999	40.51013	0.2754
18.35	41.97911	0.2795
18.955	43.47635	0.2889
19.435	44.97359	0.2957
19.464	44.97359	0.297
19.693	44.97359	0.2984
19.998	45.53858	0.3051
20.308	47.03582	0.3092
20.579	47.03582	0.3146
20.674	47.03582	0.3133
21.125	48.53305	0.32
21.73	50.00204	0.3281
21.998	50.99078	0.3335
22.182	50.99078	0.3362
22.377	50.99078	0.3376
22.776	52.48802	0.3443
23.512	53.957	0.3551
23.53	53.957	0.3551
23.83	53.957	0.3592
23.998	53.957	0.3632
24.292	55.34124	0.3659
24.48	55.34124	0.37
24.659	55.34124	0.3727
25.153	56.83848	0.3781
25.623	58.30746	0.3848
25.642	58.30746	0.3862
25.85	58.30746	0.3889
25.998	58.30746	0.3929
26.351	59.6917	0.3956
26.622	59.6917	0.4024
26.75	59.6917	0.401
27.2	61.18894	0.4091
27.814	62.65792	0.4172
27.998	62.85567	0.4199
28.086	62.85567	0.4226
28.317	62.85567	0.424
28.788	64.35291	0.4307
29	64.35291	0.4361
29.127	64.35291	0.4348

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
41.607	154.1091	0.6292
41.997	154.1091	0.636
42.284	157.6992	0.6387
43.03	162.34	0.6508
43.996	165.4046	0.6657
44.569	169.9578	0.6724
45.068	174.5986	0.6805
45.278	174.5986	0.6846
45.673	174.5986	0.6886
45.996	175.124	0.694
46.615	179.7648	0.7021
47.468	184.318	0.7143
47.996	184.318	0.7237
48.428	188.8712	0.7291
49.189	193.4245	0.7413
49.263	193.4245	0.7426
49.452	193.4245	0.7426
49.996	195.6135	0.7507
50.508	200.1667	0.7575
51.889	204.72	0.7791
51.996	204.72	0.7818
52.445	208.6603	0.7872
53.152	213.2135	0.798
53.996	215.4025	0.8101
54.707	219.9558	0.8196
55.067	224.509	0.825
55.359	224.509	0.829
55.527	224.509	0.8317
55.995	227.2234	0.8385
56.511	231.8642	0.8466
57.125	236.4174	0.8547
57.254	236.4174	0.856
57.443	236.4174	0.8601
57.886	240.9706	0.8668
57.995	240.9706	0.8682
58.489	243.6851	0.8749
59.185	248.2383	0.8844
59.995	251.5656	0.8979
60.647	256.2064	0.9073
61.459	260.7596	0.9182
61.995	262.5109	0.9276
62.378	267.1517	0.9303
62.67	267.1517	0.9398
62.701	267.1517	0.9398
62.731	267.1517	0.9398
62.753	267.1517	0.9411
62.784	267.1517	0.9411
62.812	267.1517	0.9411
62.843	267.1517	0.9411
62.867	267.1517	0.9411
62.896	267.1517	0.9425
62.946	267.1517	0.9411
63.076	267.1517	0.9384
63.107	267.1517	0.9384

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
28.465	44.34228	0.4456
28.812	44.34228	0.4537
28.96	44.34228	0.4537
29.237	46.44419	0.4591
29.819	48.58653	0.4672
29.998	48.58653	0.4712
30.404	50.40549	0.4739
30.827	50.40549	0.4834
30.891	50.40549	0.4834
31.027	50.40549	0.482
31.057	50.40549	0.4834
31.262	52.54782	0.4888
31.839	54.64974	0.4955
31.997	54.64974	0.4996
32.276	56.34744	0.5023
32.676	58.48977	0.5077
32.766	58.48977	0.5104
32.914	58.48977	0.5104
33.306	58.48977	0.5198
33.375	58.48977	0.5171
33.518	60.59168	0.5185
33.938	62.73402	0.5266
33.997	62.73402	0.5293
34.255	63.58287	0.5293
34.615	65.7252	0.5347
34.842	65.7252	0.5401
34.972	65.7252	0.5401
35.271	67.82711	0.5441
35.429	67.82711	0.5509
35.482	67.82711	0.5495
35.588	67.82711	0.5482
35.618	67.82711	0.5482
35.799	69.92903	0.5536
35.997	70.93956	0.5576
36.06	70.93956	0.5603
36.125	70.93956	0.559
36.191	70.93956	0.559
36.231	70.93956	0.559
36.475	73.04147	0.563
36.862	73.04147	0.5698
36.991	73.04147	0.5684
37.132	75.18381	0.5738
37.635	77.28572	0.5792
37.995	79.42806	0.5846
37.997	79.42806	0.5846
38.372	81.40871	0.5914
38.752	83.51062	0.5954
38.807	83.51062	0.5981
38.861	83.51062	0.6008
38.902	83.51062	0.6008
39.068	83.51062	0.6008
39.091	83.51062	0.5981
39.121	83.51062	0.6008
39.304	85.65295	0.6035

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
11.037	101.3363	0.3565
11.104	101.3363	0.3619
11.179	104.9874	0.3592
11.381	108.5697	0.3673
11.7	112.2208	0.37
11.725	112.2208	0.374
11.735	112.2208	0.374
11.746	112.2208	0.374
11.756	112.2208	0.3754
11.767	112.2208	0.3754
11.778	112.2208	0.3754
11.793	112.2208	0.3754
11.808	112.2208	0.3767
11.825	112.2208	0.3754
11.838	112.2208	0.3767
11.859	112.2208	0.374
11.91	112.2208	0.3713
11.974	112.2208	0.3673
11.984	112.2208	0.3686
11.995	112.2208	0.3686
11.999	112.2208	0.3673
12.015	112.2208	0.3632
12.024	112.2208	0.3646
12.034	112.2208	0.3632
12.043	112.2208	0.3632
12.052	112.2208	0.3632
12.06	112.2208	0.3605
12.067	112.2208	0.3673
12.075	112.2208	0.3686
12.089	113.943	0.3686
12.11	117.5253	0.3727
12.197	117.5253	0.3754
12.296	117.5253	0.3754
12.345	121.1764	0.3767
12.672	124.8276	0.3835
13.01	128.4098	0.3862
13.238	132.0609	0.3889
13.462	135.6432	0.3916
13.721	135.6432	0.4037
13.731	135.6432	0.4037
13.741	135.6432	0.4037
13.749	135.6432	0.4024
13.757	135.6432	0.4037
13.767	135.6432	0.4037
13.778	135.6432	0.4051
13.79	135.6432	0.4051
13.802	135.6432	0.4051
13.813	135.6432	0.4051
13.827	135.6432	0.4037
13.847	135.6432	0.4024
13.976	135.6432	0.397
13.99	135.6432	0.3983
13.999	135.6432	0.3983
14.012	135.6432	0.3916

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
29.538	65.8219	0.4415
29.998	65.8219	0.4496
30.386	67.20613	0.455
30.878	68.67512	0.4618
31.2	68.67512	0.4672
31.288	68.67512	0.4672
31.697	70.17236	0.4726
31.997	70.2571	0.478
32.332	71.75434	0.482
32.351	71.75434	0.4834
32.751	71.75434	0.4888
33.121	73.22333	0.4955
33.147	73.22333	0.4955
33.388	73.22333	0.4982
33.848	74.72056	0.5036
33.997	74.72056	0.5077
34.036	74.72056	0.5104
34.268	74.72056	0.5117
34.811	76.07655	0.5171
34.836	76.07655	0.5212
35.078	76.07655	0.5212
35.196	76.07655	0.5266
35.261	76.07655	0.5252
35.488	77.57379	0.5293
35.868	79.04277	0.5347
35.997	79.04277	0.5374
36.098	79.04277	0.5401
36.223	79.04277	0.5374
36.248	79.04277	0.5387
36.513	79.04277	0.5414
36.95	80.22926	0.5495
37.093	80.22926	0.5536
37.302	80.22926	0.5536
37.708	81.69825	0.5603
37.997	81.69825	0.5657
38.366	82.96949	0.5698
38.452	82.96949	0.5725
38.511	82.96949	0.5725
38.98	84.46672	0.5792
38.996	84.46672	0.5806
39.428	84.46672	0.5833
39.809	85.93571	0.5914
39.997	85.93571	0.5941
40.351	86.52896	0.5981
40.428	86.52896	0.6008
40.587	86.52896	0.6008
41.529	87.99794	0.6157
41.575	87.99794	0.6184
41.703	87.99794	0.6171
41.997	87.99794	0.6238
42.37	89.07143	0.6265
42.456	89.07143	0.6306
42.574	89.07143	0.6292
42.924	90.54042	0.636

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.128	267.1517	0.9384
63.146	267.1517	0.9384
63.16	267.1517	0.9384
63.177	267.1517	0.9371
63.188	267.1517	0.9371
63.199	267.1517	0.9357
63.211	267.1517	0.9384
63.22	267.1517	0.9371
63.237	271.7049	0.9411
63.26	276.2581	0.9425
63.613	276.2581	0.9492
63.995	276.2581	0.9533
64.397	278.9725	0.96
65.037	283.5258	0.9708
65.954	288.079	0.983
65.995	288.3417	0.983
66.753	292.8949	0.9938
67.561	297.4481	1.0059
67.994	298.0611	1.0127
68.33	302.6143	1.0167
68.997	307.2551	1.0262
69.795	311.7207	1.0383
69.994	312.6839	1.041
70.451	317.2371	1.0478
70.702	317.2371	1.0532
70.841	317.2371	1.0545
71.148	321.7904	1.0586
71.994	324.7675	1.0707
72.52	329.3207	1.0775
73.072	333.8739	1.0856
73.994	337.5515	1.0991
74.414	342.1047	1.1045
75.07	346.658	1.1153
75.26	346.658	1.1193
75.45	346.658	1.1207
75.993	351.1236	1.1288
75.994	351.1236	1.1288
76.556	355.6769	1.1355
77.231	360.2301	1.1463
77.96	364.7833	1.1571
77.994	364.7833	1.1585
78.615	369.0738	1.1666
79.454	373.5395	1.1787
79.993	375.9912	1.1855
80.674	380.5445	1.1963
81.083	385.0977	1.2003
81.993	386.5862	1.2138
82.179	391.1395	1.2166
82.814	395.6927	1.226
83.451	400.1584	1.2368
83.993	400.1584	1.2436
84.075	404.7116	1.2449
84.854	409.2648	1.2557
85.457	413.818	1.2652

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
39.421	85.65295	0.6076
39.507	85.65295	0.6063
39.638	85.65295	0.6117
39.752	85.65295	0.6103
39.866	87.75487	0.6117
39.997	88.03782	0.6144
40.1	88.03782	0.6171
40.236	88.03782	0.6171
40.309	90.18015	0.6184
40.586	92.28206	0.6238
40.763	92.28206	0.6265
40.815	92.28206	0.6279
40.897	92.28206	0.6279
40.993	92.28206	0.6279
41.015	92.28206	0.6265
41.046	92.28206	0.6279
41.086	94.4244	0.6292
41.455	96.52631	0.6346
41.513	96.52631	0.6373
41.63	96.52631	0.6387
41.806	98.62822	0.6414
41.878	98.62822	0.6427
41.967	98.62822	0.6427
41.997	98.62822	0.6454
42.111	99.63876	0.6468
42.198	99.63876	0.6481
42.367	99.63876	0.6454
42.564	101.7407	0.6522
43.186	103.883	0.6576
43.382	105.9849	0.663
43.83	108.0868	0.6697
43.996	109.0974	0.6724
44.215	109.0974	0.6765
44.247	109.0974	0.6778
44.296	109.0974	0.6778
44.359	109.0974	0.6778
44.455	109.0974	0.6778
44.475	109.0974	0.6778
44.487	109.0974	0.6751
44.499	109.0974	0.6751
44.522	111.1993	0.6778
44.611	113.3416	0.6805
44.882	113.3416	0.6859
45.059	113.3416	0.6859
45.243	115.4435	0.69
45.394	115.4435	0.694
45.482	115.4435	0.6927
45.582	117.5454	0.694
45.891	119.6878	0.6994
45.938	119.6878	0.7021
45.996	119.6878	0.7008
46.044	120.092	0.7008
46.434	122.2343	0.7075
46.629	124.3362	0.7102

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
14.022	135.6432	0.397
14.029	135.6432	0.3929
14.039	135.6432	0.3929
14.046	135.6432	0.3916
14.055	135.6432	0.3943
14.063	135.6432	0.3943
14.073	135.6432	0.3929
14.08	135.6432	0.3943
14.088	138.0543	0.3983
14.128	141.7055	0.4051
14.24	145.3566	0.4091
14.548	148.9388	0.4078
14.989	152.59	0.4132
15.146	152.59	0.4159
15.202	152.59	0.4172
15.243	156.2411	0.4186
15.601	159.8234	0.4226
15.71	159.8234	0.4321
15.72	159.8234	0.4334
15.73	159.8234	0.4334
15.74	159.8234	0.4321
15.749	159.8234	0.4321
15.758	159.8234	0.4334
15.768	159.8234	0.4334
15.777	159.8234	0.4334
15.787	159.8234	0.4334
15.8	159.8234	0.4348
15.81	159.8234	0.4361
15.823	159.8234	0.4334
15.84	159.8234	0.4307
15.873	159.8234	0.4294
15.949	159.8234	0.4267
15.97	159.8234	0.428
15.989	159.8234	0.4267
15.999	159.8234	0.424
16.005	159.8234	0.4213
16.012	159.8234	0.4199
16.018	159.8234	0.4226
16.022	159.8234	0.4186
16.031	159.8234	0.4213
16.039	159.8234	0.424
16.045	159.8234	0.4199
16.053	159.8234	0.424
16.061	159.8234	0.4267
16.071	159.8234	0.4226
16.083	162.2345	0.4253
16.103	165.8856	0.4307
16.381	169.4679	0.4334
16.456	169.4679	0.4388
16.509	169.4679	0.4388
16.625	169.4679	0.4388
16.647	169.4679	0.4388
16.781	173.119	0.4402
17.036	176.7013	0.4442

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
42.948	90.54042	0.6373
43.16	90.54042	0.64
43.702	92.00941	0.6454
43.996	92.00941	0.6522
44.194	92.71565	0.6535
44.559	92.71565	0.6616
44.723	92.71565	0.6616
45.302	94.18464	0.6697
45.71	95.65362	0.6751
45.996	95.65362	0.6832
46.075	95.65362	0.6832
46.161	95.65362	0.6819
46.207	95.65362	0.6859
46.386	95.65362	0.6859
46.662	97.03786	0.6913
47.205	98.50685	0.6981
47.233	98.50685	0.6994
47.504	98.50685	0.7035
47.819	99.97583	0.7062
47.996	99.97583	0.7102
48.396	100.6538	0.717
48.48	100.6538	0.7183
48.567	100.6538	0.717
49.038	102.1228	0.7251
49.695	103.62	0.7332
49.996	103.9025	0.7399
50.359	105.3715	0.7426
50.528	105.3715	0.748
50.626	105.3715	0.7467
50.737	105.3715	0.7494
50.821	105.3715	0.7494
51.028	106.8405	0.7534
51.693	108.3378	0.7615
51.996	108.4225	0.7696
52.075	108.4225	0.7696
52.202	108.4225	0.771
52.224	109.8915	0.771
52.236	109.8915	0.771
52.766	109.8915	0.7791
53.311	111.3605	0.7872
53.721	112.8295	0.7926
53.996	112.8295	0.798
54.052	112.8295	0.7993
54.265	112.8295	0.798
54.611	114.2137	0.8061
54.979	115.6827	0.8115
55.035	115.6827	0.8128
55.214	115.6827	0.8142
55.716	117.1517	0.8196
55.995	117.1517	0.8263
56.189	118.4229	0.829
56.212	118.4229	0.8304
56.435	118.4229	0.8317
57.097	119.8919	0.8425

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
85.993	415.9195	1.2733
86.799	420.4727	1.2841
87.557	424.9384	1.2962
87.993	426.427	1.3016
88.335	430.9802	1.3057
89.01	435.5334	1.3151
89.801	440.0866	1.3273
89.993	440.0866	1.33
90.417	444.2896	1.3381
91.069	448.8428	1.3462
91.714	453.3085	1.3556
91.992	455.1473	1.3597
92.329	459.7005	1.3637
92.985	464.2537	1.3745
93.278	464.2537	1.3799
93.567	464.2537	1.3813
93.992	465.6547	1.3907
94.058	465.6547	1.3907
94.153	465.6547	1.3921
94.748	470.208	1.3988
95.146	474.7612	1.4056
95.316	474.7612	1.4083
95.567	474.7612	1.4123
95.992	477.7383	1.4177
96.612	482.2039	1.4258
97.473	486.7572	1.4393
97.992	488.2457	1.4461
98.282	492.799	1.4515
98.356	492.799	1.4528
98.485	492.799	1.4528
98.865	497.2646	1.4596
99.259	497.2646	1.4663
99.38	497.2646	1.4677
99.992	500.5044	1.4758
100.4	505.0576	1.4812
101.07	509.6109	1.4906
101.33	509.6109	1.4947
101.42	509.6109	1.4974
101.8	514.0765	1.5028
101.99	514.0765	1.5055
102.54	518.6297	1.5122
103.04	523.183	1.5176
103.89	527.6486	1.5312
103.99	527.6486	1.5352
104.58	531.2387	1.542
104.91	535.7919	1.546
105.29	535.7919	1.5541
105.41	535.7919	1.5541
105.71	540.2576	1.5582
105.81	540.2576	1.5622
105.92	540.2576	1.5609
105.99	540.2576	1.5636
106.68	544.7232	1.573
107.02	549.2764	1.5784

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
47.121	126.4381	0.717
47.197	126.4381	0.721
47.304	126.4381	0.7183
47.509	128.5805	0.7224
47.826	130.6824	0.7278
47.996	130.6824	0.7291
48.022	131.6929	0.7291
48.089	131.6929	0.7318
48.185	131.6929	0.7345
48.463	133.7948	0.7345
48.708	135.8968	0.7413
49.01	135.8968	0.7453
49.17	135.8968	0.7453
49.239	137.9987	0.7494
49.661	140.141	0.7534
49.996	140.8282	0.7602
50.275	142.9301	0.7615
50.52	145.0724	0.7669
51.024	147.1743	0.7737
51.483	149.2762	0.7804
51.698	151.4186	0.7831
51.868	151.4186	0.7885
51.996	151.4186	0.7872
52.056	152.6716	0.7885
52.313	154.7736	0.7926
52.391	154.7736	0.7939
52.436	154.7736	0.7939
52.598	156.9159	0.7966
53.194	159.0178	0.8047
53.25	159.0178	0.8061
53.357	159.0178	0.8061
53.563	161.1197	0.8101
53.849	163.2216	0.8155
53.906	163.2216	0.8169
53.996	163.2216	0.8169
54.086	163.2216	0.8182
54.116	164.6364	0.8182
54.476	166.7383	0.825
54.958	168.8806	0.8317
55.273	170.9825	0.8358
55.754	173.0844	0.8425
55.861	173.0844	0.8452
55.97	173.0844	0.8439
55.995	174.3375	0.8466
56.432	176.4798	0.852
56.656	178.5818	0.8574
56.815	178.5818	0.8601
56.915	178.5818	0.8601
57.341	180.6837	0.8668
57.794	182.7856	0.8709
57.995	182.7856	0.8763
58.079	184.4833	0.8763
58.249	184.4833	0.8803
58.295	184.4833	0.879

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
17.09	176.7013	0.4456
17.114	176.7013	0.4483
17.233	176.7013	0.4456
17.272	176.7013	0.4469
17.61	180.3524	0.451
17.718	180.3524	0.4604
17.727	180.3524	0.4618
17.736	180.3524	0.4618
17.745	180.3524	0.4618
17.751	180.3524	0.4618
17.759	180.3524	0.4631
17.768	180.3524	0.4618
17.777	180.3524	0.4631
17.786	180.3524	0.4618
17.796	180.3524	0.4631
17.807	180.3524	0.4631
17.818	180.3524	0.4631
17.829	180.3524	0.4631
17.847	180.3524	0.4591
17.892	180.3524	0.4591
17.97	180.3524	0.4523
17.979	180.3524	0.4564
17.989	180.3524	0.455
17.999	180.3524	0.455
18.01	180.3524	0.4523
18.02	180.3524	0.4496
18.03	180.3524	0.4496
18.037	180.3524	0.4523
18.042	180.3524	0.4496
18.05	180.3524	0.4537
18.059	180.3524	0.4523
18.068	180.3524	0.451
18.077	180.3524	0.451
18.083	180.3524	0.455
18.091	180.3524	0.455
18.102	182.488	0.4564
18.123	186.1391	0.4604
18.501	189.7214	0.4672
18.729	193.3725	0.4712
18.968	193.3725	0.4739
19.025	193.3725	0.4712
19.178	196.9547	0.4793
19.306	196.9547	0.4793
19.433	196.9547	0.478
19.495	200.6059	0.4793
19.623	200.6059	0.4847
19.689	200.6059	0.4834
19.721	200.6059	0.4874
19.734	200.6059	0.4888
19.746	200.6059	0.4901
19.756	200.6059	0.4901
19.766	200.6059	0.4915
19.776	200.6059	0.4901
19.785	200.6059	0.4915

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
57.704	121.3609	0.8506
57.995	121.5586	0.856
58.486	123.0276	0.8628
58.862	124.5249	0.8668
58.909	124.5249	0.8695
59.129	124.5249	0.8709
59.6	125.9938	0.8776
59.995	126.4741	0.8844
60.338	127.9431	0.8884
61.137	129.4121	0.9019
61.696	130.881	0.9073
61.995	130.881	0.9155
62.043	130.881	0.9168
62.082	130.881	0.9155
62.136	130.881	0.9168
62.295	130.881	0.9155
62.317	130.881	0.9155
62.334	130.881	0.9141
62.348	131.559	0.9155
62.937	133.028	0.9276
63.562	134.497	0.9357
63.799	135.966	0.9384
63.995	135.966	0.9425
64.028	135.966	0.9438
64.068	135.966	0.9438
64.112	135.966	0.9452
64.311	135.966	0.9452
64.33	135.966	0.9452
64.349	135.966	0.9452
64.361	136.1637	0.9438
64.376	136.1637	0.9465
64.514	136.1637	0.9506
64.875	137.6327	0.9546
65.518	139.1017	0.9641
65.877	140.5707	0.9695
65.995	140.5707	0.9735
66.058	140.5707	0.9735
66.214	140.5707	0.9722
66.444	140.938	0.9776
67.27	142.4069	0.9884
67.689	143.8759	0.9951
67.994	143.8759	1.0019
68.065	143.8759	1.0019
68.151	143.8759	1.0019
68.176	144.3562	1.0032
68.889	145.8252	1.014
69.308	147.2941	1.0181
69.74	148.7631	1.0248
69.994	148.7631	1.0302
70.682	150.2321	1.0356
71.195	151.7011	1.0464
71.706	153.1701	1.0532
71.994	153.1701	1.0599
72.038	153.1701	1.0599

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
107.28	549.2764	1.5825
107.41	549.2764	1.5838
107.77	553.7421	1.5879
107.99	554.968	1.5919
108.7	559.4336	1.6027
109.11	563.9869	1.6081
109.87	568.4525	1.6189
109.99	569.4157	1.6203
110.92	573.8814	1.6338
111.71	578.347	1.6446
111.99	581.0615	1.6513
112.81	585.5271	1.6608
113.08	590.0803	1.6662
113.97	594.546	1.6783
113.99	594.546	1.681
114.43	598.136	1.6864
115.06	602.6893	1.6959
115.99	606.1917	1.7067
116.31	610.745	1.7134
116.97	615.2106	1.7229
117.64	619.7639	1.731
117.99	621.1648	1.7391
118.05	621.1648	1.7391
118.2	621.2524	1.7377
118.4	625.7181	1.7431
119.02	630.2713	1.7512
119.78	634.737	1.762
119.99	634.737	1.7674
120.27	637.9768	1.7701
120.99	642.53	1.7796
121.76	646.9956	1.7917
121.99	648.7469	1.7944
122.54	653.2125	1.8025
123.02	657.7658	1.8079
123.97	662.2314	1.8228
123.99	662.2314	1.8228
124.3	666.4344	1.8282
124.96	670.9001	1.8377
125.69	675.3657	1.8485
125.99	675.3657	1.8525
126.53	679.8314	1.8593
126.97	684.2971	1.8674
127.69	688.8503	1.8782
127.99	690.2513	1.8836
128.61	694.8045	1.8903
129.19	699.2702	1.8984
129.69	703.7358	1.9065
129.99	703.9985	1.9119
130.39	708.5517	1.9187
130.97	713.0174	1.9254
131.27	713.0174	1.9281
131.39	713.0174	1.9308
131.99	713.0174	1.9389
132.97	713.7179	1.9551

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
58.479	186.5852	0.8817
58.982	188.6871	0.8884
59.493	190.789	0.8952
59.656	192.9314	0.8992
59.995	192.9314	0.9046
60.271	194.9928	0.9101
60.498	197.1352	0.9114
61.061	199.2371	0.9195
61.43	201.339	0.9249
61.83	203.4409	0.9303
61.995	203.5622	0.933
62.495	205.6641	0.9411
63.19	207.766	0.9492
63.298	207.766	0.9533
63.498	207.766	0.9533
63.55	209.8679	0.956
63.995	210.9997	0.9641
64.329	213.1016	0.9681
64.416	213.1016	0.9695
64.491	213.1016	0.9681
64.565	215.244	0.9695
65.016	217.3055	0.9776
65.16	217.3055	0.9816
65.311	217.3055	0.9789
65.447	219.4478	0.9816
65.522	219.4478	0.9857
65.66	219.4478	0.9857
65.995	220.8221	0.9924
66.285	222.924	0.9965
66.424	222.924	0.9978
66.52	222.924	0.9978
66.653	225.0259	1.0005
66.721	225.0259	1.0032
66.97	225.0259	1.0046
67.371	227.1279	1.01
67.438	227.1279	1.014
67.512	227.1279	1.0127
67.71	229.2298	1.0154
67.935	231.3317	1.0208
67.97	231.3317	1.0235
67.994	231.3317	1.0194
68.127	231.3317	1.0221
68.466	232.1805	1.0275
68.742	234.2825	1.0302
68.811	234.2825	1.0329
68.888	234.2825	1.0329
69.055	234.2825	1.037
69.184	234.2825	1.0356
69.214	236.3844	1.0383
69.26	236.3844	1.0397
69.377	236.3844	1.0383
69.816	238.4863	1.0464
69.874	238.4863	1.0491
69.914	238.4863	1.0478

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
19.795	200.6059	0.4901
19.805	200.6059	0.4915
19.815	200.6059	0.4901
19.825	200.6059	0.4901
19.837	200.6059	0.4915
19.853	200.6059	0.4901
19.867	200.6059	0.4901
19.887	200.6059	0.4901
19.976	200.6059	0.4847
19.987	200.6059	0.4861
19.998	200.6059	0.4847
20.016	200.6059	0.4793
20.023	200.6059	0.4847
20.028	200.6059	0.4807
20.036	200.6059	0.478
20.041	200.6059	0.4793
20.046	200.6059	0.4793
20.053	200.6059	0.4807
20.058	200.6059	0.4793
20.066	200.6059	0.4807
20.074	200.6059	0.4834
20.08	200.6059	0.482
20.09	200.6059	0.482
20.099	203.2237	0.4888
20.139	206.8748	0.4901
20.51	210.4571	0.4955
20.868	214.1082	0.4996
20.996	214.1082	0.5036
21.043	214.1082	0.5009
21.159	214.1082	0.5063
21.268	214.1082	0.509
21.318	217.6904	0.5063
21.697	221.3416	0.5171
21.711	221.3416	0.5171
21.722	221.3416	0.5185
21.732	221.3416	0.5185
21.743	221.3416	0.5198
21.753	221.3416	0.5185
21.762	221.3416	0.5198
21.772	221.3416	0.5198
21.781	221.3416	0.5198
21.788	221.3416	0.5198
21.796	221.3416	0.5212
21.805	221.3416	0.5198
21.814	221.3416	0.5198
21.824	221.3416	0.5212
21.835	221.3416	0.5212
21.847	221.3416	0.5198
21.865	221.3416	0.5185
21.983	221.3416	0.5158
21.998	221.3416	0.5117
22.005	221.3416	0.5117
22.013	221.3416	0.509
22.021	221.3416	0.5131

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
72.101	153.1701	1.0599
72.239	153.1701	1.0586
72.257	153.1701	1.0599
72.691	153.3396	1.068
72.818	153.3396	1.068
72.882	153.3396	1.068
72.91	153.3396	1.0734
72.961	153.3396	1.0734
73.261	153.3396	1.0775
73.298	153.3396	1.0775
73.34	153.3396	1.0788
73.509	153.3396	1.0788
73.806	153.3396	1.0842
73.994	153.3396	1.0883
74.206	153.3396	1.091
74.595	153.3396	1.095
75.209	154.7521	1.1045
75.641	156.2211	1.1099
75.865	157.7183	1.1126
75.929	157.7183	1.1153
75.994	157.7183	1.118
76.284	157.7183	1.1207
76.633	159.159	1.1261
76.697	159.159	1.1274
76.818	159.159	1.1261
77.298	160.628	1.1315
77.72	162.097	1.1409
77.994	162.097	1.1463
78.101	162.5773	1.1477
78.195	162.5773	1.1463
78.251	162.5773	1.149
78.702	164.0462	1.1558
78.871	164.0462	1.1585
79.011	164.0462	1.1585
79.204	165.5152	1.1625
79.27	165.5152	1.1639
79.337	165.5152	1.1625
79.839	166.956	1.172
79.993	166.956	1.1733
80.24	168.1425	1.176
80.348	168.1425	1.1801
80.455	168.1425	1.1801
80.533	168.1425	1.1828
80.575	168.1425	1.1841
81.139	169.5832	1.1895
81.309	169.5832	1.1963
81.33	169.5832	1.1963
81.351	169.5832	1.1949
81.389	169.5832	1.1976
81.412	169.5832	1.1976
81.465	169.5832	1.1976
81.484	169.5832	1.1963
81.624	169.5832	1.199
81.724	169.5832	1.1963

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S2N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.59	718.1835	1.9632
133.99	720.5477	1.9686
134.44	725.1009	1.9754
135.04	729.5666	1.9848
135.72	734.0323	1.9943
135.99	735.1706	1.9997
136.5	739.6362	2.0064
137.42	744.1019	2.0172
137.99	746.7288	2.028
138.7	751.1944	2.0361
139.12	755.7476	2.0429
139.88	760.1257	2.055
139.99	760.1257	2.055
140.68	764.3287	2.0658
141.77	768.7068	2.0807
141.99	768.7068	2.0847
142.74	773.1725	2.0969
143.99	776.062	2.1144
144.31	780.5277	2.1185
145.03	784.9934	2.1279
145.89	789.3715	2.1415
145.99	789.3715	2.1442
146.59	792.6988	2.1509
147.38	797.0769	2.1617
147.99	798.2152	2.1725
148.43	802.6809	2.1779
149.45	807.1465	2.1941
149.99	807.1465	2.1995
150.47	810.2988	2.2063
150.64	810.2988	2.2103
150.69	810.2988	2.2117
150.8	810.2988	2.213
150.89	810.2988	2.213
151.26	814.7644	2.2211
151.3	814.7644	2.2225
151.39	814.7644	2.2225
151.53	814.7644	2.2238
151.57	814.7644	2.2211
151.7	814.7644	2.2252
151.97	814.7644	2.2306
151.99	814.7644	2.2279
152.49	818.8799	2.236
152.62	818.8799	2.24
152.82	818.8799	2.2427
153.32	823.258	2.2508
153.99	825.0092	2.2576
154.65	829.4749	2.267
154.9	829.4749	2.2751
154.92	829.4749	2.2751
154.93	829.4749	2.2765
154.95	829.4749	2.2778
154.96	829.4749	2.2778
154.98	829.4749	2.2751
154.99	829.4749	2.2778

S2N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.994	238.4863	1.0491
70.074	238.4863	1.0505
70.105	238.4863	1.0491
70.186	240.5882	1.0518
70.368	240.5882	1.0559
70.423	240.5882	1.0545
70.669	242.6901	1.0572
71.099	244.792	1.0667
71.133	244.792	1.0667
71.197	244.792	1.068
71.282	244.792	1.0626
71.294	244.792	1.068
71.38	244.792	1.0707
71.487	244.792	1.0694
71.685	246.8535	1.0734
71.994	247.1365	1.0788
72.299	249.2384	1.0829
72.523	251.3403	1.0869
73.027	253.4422	1.0937
73.11	253.4422	1.095
73.217	253.4422	1.0964
73.518	255.5441	1.1004
73.938	257.646	1.1072
73.994	257.646	1.1085
74.478	259.7479	1.1139
74.683	261.8498	1.1166
75.237	263.9518	1.1247
75.474	266.0537	1.1288
75.994	266.8621	1.1355
76.117	268.964	1.1382
76.415	271.0659	1.1423
76.917	273.1678	1.149
77.347	275.2698	1.1558
77.653	277.3717	1.1598
77.994	279.3523	1.1652
78.25	281.4542	1.1679
78.615	283.5561	1.1733
78.995	285.6176	1.1801
79.315	287.7195	1.1841
79.745	289.8215	1.1895
79.993	291.2362	1.1949
80.329	293.3381	1.199
80.573	295.44	1.2017
81.054	297.5015	1.2098
81.374	299.6034	1.2139
81.771	301.7054	1.2193
81.993	302.8371	1.2247
82.348	304.9391	1.2287
82.612	307.041	1.2328
83.095	309.1025	1.2395
83.586	311.2044	1.2463
83.81	313.3063	1.2503
83.993	313.9935	1.253
84.312	316.0954	1.2571

S3N2-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
22.026	221.3416	0.5104
22.034	221.3416	0.5104
22.04	221.3416	0.5077
22.045	221.3416	0.5077
22.052	221.3416	0.509
22.057	221.3416	0.509
22.066	221.3416	0.509
22.073	221.3416	0.509
22.081	221.3416	0.5104
22.088	221.3416	0.5131
22.097	221.3416	0.5117
22.115	224.9238	0.5171
22.362	228.575	0.5212
22.793	232.1572	0.5279
23.091	235.8084	0.532
23.144	235.8084	0.5347
23.293	235.8084	0.5374
23.439	239.3906	0.5374
23.516	239.3906	0.5401
23.642	239.3906	0.5414
23.71	239.3906	0.5468
23.722	239.3906	0.5468
23.733	239.3906	0.5468
23.742	239.3906	0.5468
23.753	239.3906	0.5482
23.763	239.3906	0.5482
23.772	239.3906	0.5495
23.781	239.3906	0.5495
23.79	239.3906	0.5495
23.798	239.3906	0.5482
23.804	239.3906	0.5495
23.813	239.3906	0.5509
23.823	239.3906	0.5509
23.834	239.3906	0.5509
23.847	239.3906	0.5482
23.861	239.3906	0.5482
23.884	239.3906	0.5455
23.979	239.3906	0.5441
23.998	239.3906	0.5401
24.005	239.3906	0.5428
24.012	239.3906	0.5374
24.02	239.3906	0.5401
24.024	239.3906	0.536
24.03	239.3906	0.5387
24.034	239.3906	0.536
24.04	239.3906	0.5387
24.044	239.3906	0.5374
24.05	239.3906	0.5374
24.056	239.3906	0.536
24.062	239.3906	0.5387
24.07	239.3906	0.5374
24.075	239.3906	0.536
24.083	239.3906	0.5387
24.091	239.3906	0.5428

S3N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
81.746	169.5832	1.1976
81.765	169.5832	1.1963
81.777	169.5832	1.1949
81.792	169.5832	1.1976
81.8	169.5832	1.1963
81.814	169.5832	1.1963
81.837	169.5832	1.1976
81.91	171.0522	1.2017
81.943	171.0522	1.203
81.993	171.0522	1.203
82.268	171.0522	1.2071
82.555	172.0127	1.2111
83.168	173.4817	1.2206
83.656	174.9506	1.226
83.728	174.9506	1.2287
83.795	174.9506	1.2287
83.993	176.1089	1.2314
84.118	176.1089	1.2355
84.202	176.1089	1.2355
84.454	177.5779	1.2368
84.484	177.5779	1.2409
84.694	177.5779	1.2422
84.96	179.0469	1.2463
84.997	179.0469	1.2476
85.041	179.0469	1.2463
85.164	179.0469	1.2463
85.185	179.0469	1.2503
85.505	180.5158	1.253
85.57	180.5158	1.2544
85.729	180.5158	1.2557
85.993	180.5158	1.2625
86.07	181.5611	1.2638
86.176	181.5611	1.2652
86.32	181.5611	1.2652
86.602	183.0301	1.2692
86.643	183.0301	1.2706
86.713	183.0301	1.2719
87.152	184.4991	1.2773
87.533	185.968	1.2827
87.598	185.968	1.2854
87.746	185.968	1.2868
87.993	186.3353	1.2895
88.137	187.8043	1.2908
88.2	187.8043	1.2922
88.277	187.8043	1.2935
88.649	189.2733	1.2989
88.705	189.2733	1.3016
88.777	189.2733	1.303
88.865	189.2733	1.2989
88.883	189.2733	1.2989
89.232	190.714	1.3084
89.598	190.714	1.3151
89.698	190.714	1.3165
89.835	190.714	1.3151

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
155	829.4749	2.2778
155.02	829.4749	2.2792
155.03	829.4749	2.2792
155.05	829.4749	2.2765
155.06	829.4749	2.2792
155.07	829.4749	2.2792
155.09	829.4749	2.2792
155.11	829.4749	2.2792
155.13	829.4749	2.2765
155.18	829.4749	2.2792
155.26	829.4749	2.2751
155.29	829.4749	2.2765
155.3	829.4749	2.2724
155.31	829.4749	2.2738
155.33	829.4749	2.2738
155.34	829.4749	2.2697
155.35	829.4749	2.2738
155.36	829.4749	2.2724
155.37	829.4749	2.2738
155.38	829.4749	2.2724
155.39	829.4749	2.2711
155.39	829.4749	2.2711
155.4	829.4749	2.2738
155.41	829.4749	2.2724
155.42	829.4749	2.2697
155.42	829.4749	2.2738
155.43	829.4749	2.2765
155.44	833.853	2.2765
155.46	838.4062	2.2792
155.49	842.9594	2.2792
155.5	842.9594	2.2832
155.5	842.9594	2.2846
155.51	842.9594	2.2832
155.53	842.9594	2.2819
155.57	842.9594	2.2859
155.59	842.9594	2.2859
155.61	842.9594	2.2832
155.65	842.9594	2.2873
155.67	842.9594	2.2859
155.69	842.9594	2.2859
155.73	842.9594	2.2873
155.75	842.9594	2.2859
155.94	842.9594	2.2859
155.96	842.9594	2.2832
155.98	842.9594	2.2859
155.99	842.9594	2.2832
156	842.9594	2.2832
156.01	842.9594	2.2819
156.02	842.9594	2.2819
156.03	842.9594	2.2819
156.04	842.9594	2.2819
156.05	842.9594	2.2819
156.05	842.9594	2.2832
156.06	842.9594	2.2819

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
84.671	318.1973	1.2625
85.05	320.2992	1.2679
85.389	322.4011	1.2719
85.868	324.4626	1.2787
85.993	325.5944	1.2814
86.223	325.5944	1.2841
86.319	325.5944	1.2841
86.373	327.6963	1.2868
86.831	329.7578	1.2935
87.222	331.8597	1.2989
87.466	333.9616	1.3016
87.541	333.9616	1.3057
87.712	333.9616	1.3043
87.877	336.0635	1.3084
87.993	336.0635	1.3097
88.389	338.1655	1.3138
88.486	338.1655	1.3178
88.526	338.1655	1.3192
88.646	338.1655	1.3178
88.675	338.1655	1.3178
88.717	340.2269	1.3205
88.84	342.3289	1.3219
89.107	344.4308	1.3286
89.142	344.4308	1.3286
89.181	344.4308	1.3273
89.322	344.4308	1.3286
89.351	344.4308	1.33
89.516	346.5327	1.3327
89.644	346.5327	1.3354
89.751	346.5327	1.3367
89.758	348.7559	1.3381
89.76	350.8578	1.3394
89.777	350.8578	1.3394
89.787	350.8578	1.3408
89.798	350.8578	1.3408
89.807	350.8578	1.3408
89.816	350.8578	1.3421
89.826	350.8578	1.3408
89.833	350.8578	1.3394
89.84	350.8578	1.3435
89.849	350.8578	1.3408
89.858	350.8578	1.3435
89.868	350.8578	1.3435
89.876	350.8578	1.3421
89.881	350.8578	1.3435
89.889	350.8578	1.3448
89.897	350.8578	1.3421
89.902	350.8578	1.3448
89.91	350.8578	1.3421
89.917	350.8578	1.3435
89.923	350.8578	1.3448
89.93	350.8578	1.3448
89.939	350.8578	1.3421
89.948	350.8578	1.3421

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
24.099	242.4906	0.5455
24.166	246.1418	0.5482
24.587	249.724	0.5549
24.631	249.724	0.5549
24.719	249.724	0.5549
25.016	253.3751	0.5617
25.308	253.3751	0.5684
25.385	253.3751	0.563
25.493	256.9574	0.5657
25.724	256.9574	0.5765
25.732	256.9574	0.5752
25.739	256.9574	0.5779
25.748	256.9574	0.5779
25.757	256.9574	0.5792
25.765	256.9574	0.5779
25.77	256.9574	0.5792
25.778	256.9574	0.5792
25.785	256.9574	0.5792
25.79	256.9574	0.5792
25.798	256.9574	0.5792
25.806	256.9574	0.5779
25.815	256.9574	0.5779
25.826	256.9574	0.5779
25.838	256.9574	0.5779
25.849	256.9574	0.5765
25.864	256.9574	0.5752
25.948	256.9574	0.5725
25.97	256.9574	0.5711
25.979	256.9574	0.5725
25.995	256.9574	0.5725
25.998	256.9574	0.5725
26.003	256.9574	0.5711
26.02	256.9574	0.5671
26.028	256.9574	0.5671
26.032	256.9574	0.5671
26.037	256.9574	0.5684
26.041	256.9574	0.5698
26.046	256.9574	0.5657
26.051	256.9574	0.5657
26.057	256.9574	0.5657
26.061	256.9574	0.5657
26.069	256.9574	0.5644
26.074	256.9574	0.5657
26.08	256.9574	0.5657
26.085	256.9574	0.5684
26.09	258.1974	0.5698
26.101	261.7796	0.5725
26.124	265.3619	0.5792
26.665	269.013	0.5833
26.994	272.5953	0.5873
27.288	276.2464	0.5941
27.668	279.8287	0.5981
27.702	279.8287	0.6049
27.712	279.8287	0.6049

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
89.855	190.714	1.3151
89.889	192.183	1.3165
89.993	192.183	1.3192
90.37	193.1435	1.3259
90.456	193.1435	1.3259
90.523	193.1435	1.3246
90.851	194.6125	1.3327
91.003	194.6125	1.3354
91.148	194.6125	1.3354
91.251	196.0814	1.3354
91.307	196.0814	1.3394
91.338	196.0814	1.3381
91.431	196.0814	1.3408
91.506	196.0814	1.3408
91.648	196.0814	1.3435
91.675	196.0814	1.3462
91.697	196.0814	1.3462
91.735	196.0814	1.3462
91.758	196.0814	1.3462
91.927	196.0814	1.3448
91.948	196.0814	1.3448
91.967	196.0814	1.3448
91.985	196.0814	1.3448
91.992	196.0814	1.3462
92.076	197.1267	1.3502
92.21	198.5957	1.3529
92.239	198.5957	1.3529
92.298	198.5957	1.3543
92.333	198.5957	1.3543
92.384	198.5957	1.3529
92.39	198.5957	1.3543
92.52	198.5957	1.3529
92.542	198.5957	1.3516
92.554	198.5957	1.3529
92.571	198.5957	1.3516
92.737	198.5957	1.3583
92.848	200.0647	1.361
92.906	200.0647	1.3624
93.042	200.0647	1.3624
93.281	200.0647	1.3664
93.349	200.0647	1.3678
93.573	201.5054	1.3718
93.904	202.9744	1.3759
93.931	202.9744	1.3759
93.992	202.9744	1.3759
94.149	203.0591	1.3786
94.57	204.5281	1.384
94.664	204.5281	1.3894
94.739	204.5281	1.3894
94.849	204.5281	1.3867
94.877	204.5281	1.3907
95.078	205.9971	1.3934
95.148	205.9971	1.3948
95.292	205.9971	1.3961

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
156.07	845.8489	2.2886
156.15	850.4022	2.29
156.31	850.4022	2.2967
156.34	850.4022	2.2954
156.37	850.4022	2.294
156.56	850.4022	2.294
156.78	850.4022	2.3021
156.83	850.4022	2.3021
156.9	850.4022	2.3035
156.92	850.4022	2.3035
156.94	850.4022	2.3035
156.97	850.4022	2.3048
156.99	850.4022	2.3062
157.01	850.4022	2.3062
157.04	850.4022	2.3062
157.07	850.4022	2.3062
157.1	850.4022	2.3062
157.15	850.4022	2.3075
157.23	850.4022	2.3035
157.24	850.4022	2.3048
157.26	850.4022	2.3035
157.28	850.4022	2.3008
157.29	850.4022	2.3008
157.3	850.4022	2.3021
157.31	850.4022	2.3008
157.32	850.4022	2.2994
157.33	850.4022	2.3008
157.34	850.4022	2.3008
157.35	850.4022	2.3062
157.36	850.4022	2.3035
157.45	850.4022	2.3089
157.56	850.4022	2.3102
157.73	850.4022	2.3143
157.96	850.4022	2.317
157.99	850.4022	2.3183
158.04	850.4022	2.3183
158.16	850.4022	2.3183
158.73	850.4022	2.3291
158.81	850.4022	2.3264
158.92	850.4022	2.3332
158.94	850.4022	2.3345
158.96	850.4022	2.3345
158.97	850.4022	2.3332
158.99	850.4022	2.3332
159.01	850.4022	2.3359
159.03	850.4022	2.3372
159.05	850.4022	2.3372
159.07	850.4022	2.3359
159.08	850.4022	2.3372
159.1	850.4022	2.3372
159.11	850.4022	2.3372
159.13	850.4022	2.3372
159.16	850.4022	2.3372
159.18	850.4022	2.3345

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
89.953	350.8578	1.3421
89.97	350.8578	1.3408
89.983	350.8578	1.3421
89.993	350.8578	1.3408
90.034	350.8578	1.3394
90.091	350.8578	1.3394
90.12	350.8578	1.3381
90.131	350.8578	1.3394
90.15	350.8578	1.3394
90.162	350.8578	1.3367
90.172	350.8578	1.3367
90.181	350.8578	1.3381
90.19	350.8578	1.3381
90.199	350.8578	1.3381
90.203	350.8578	1.3354
90.212	350.8578	1.3354
90.219	350.8578	1.3367
90.223	350.8578	1.334
90.23	350.8578	1.3367
90.234	350.8578	1.3354
90.24	350.8578	1.334
90.243	350.8578	1.3327
90.249	350.8578	1.334
90.252	350.8578	1.3354
90.256	350.8578	1.3367
90.261	350.8578	1.3381
90.264	350.8578	1.3367
90.271	350.8578	1.3381
90.276	350.8578	1.3381
90.284	350.8578	1.3394
90.301	350.8578	1.3421
90.323	352.3938	1.3421
90.411	352.3938	1.3475
90.452	352.3938	1.3475
90.493	352.3938	1.3475
90.651	352.3938	1.3475
90.673	352.3938	1.3475
90.723	352.3938	1.3502
90.764	354.4957	1.3489
90.853	354.4957	1.3516
90.991	354.4957	1.3543
91.343	356.5572	1.361
91.393	356.5572	1.3583
91.428	356.5572	1.361
91.562	356.5572	1.3597
91.583	356.5572	1.361
91.74	358.6591	1.3651
91.969	358.6591	1.3678
91.992	358.6591	1.3678
92.078	358.6591	1.3691
92.168	360.3164	1.3718
92.255	360.3164	1.3718
92.313	360.3164	1.3718
92.458	360.3164	1.3772

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
27.717	279.8287	0.6062
27.725	279.8287	0.6076
27.734	279.8287	0.6062
27.742	279.8287	0.6062
27.748	279.8287	0.6076
27.755	279.8287	0.6076
27.763	279.8287	0.6076
27.768	279.8287	0.609
27.775	279.8287	0.609
27.779	279.8287	0.6076
27.786	279.8287	0.609
27.794	279.8287	0.6076
27.803	279.8287	0.6076
27.812	279.8287	0.6062
27.819	279.8287	0.6062
27.836	279.8287	0.6035
27.879	279.8287	0.6035
27.946	279.8287	0.6008
27.964	279.8287	0.6008
27.974	279.8287	0.6022
27.994	279.8287	0.5968
27.998	279.8287	0.5954
28.006	279.8287	0.5954
28.011	279.8287	0.5968
28.016	279.8287	0.5954
28.022	279.8287	0.5941
28.026	279.8287	0.5954
28.031	279.8287	0.5968
28.036	279.8287	0.5981
28.042	279.8287	0.5954
28.047	279.8287	0.5941
28.056	279.8287	0.5968
28.06	279.8287	0.5954
28.066	279.8287	0.5981
28.073	279.8287	0.5995
28.084	279.8287	0.5995
28.097	281.7576	0.6062
28.162	285.3398	0.6049
28.561	288.991	0.6144
28.596	288.991	0.6144
28.677	288.991	0.6144
28.723	288.991	0.6144
28.764	288.991	0.613
28.97	292.5732	0.6184
29.21	292.5732	0.6238
29.265	292.5732	0.6198
29.43	296.1554	0.6252
29.7	296.1554	0.6333
29.71	296.1554	0.6333
29.72	296.1554	0.6346
29.73	296.1554	0.6346
29.736	296.1554	0.6346
29.744	296.1554	0.636
29.752	296.1554	0.636

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
95.512	207.4378	1.4002
95.548	207.4378	1.4002
95.818	207.4378	1.4029
95.992	207.9181	1.4069
96.554	209.3871	1.4137
96.976	210.8278	1.4204
97.456	212.2968	1.4272
97.992	213.0595	1.4339
98.093	214.5285	1.4366
98.138	214.5285	1.4393
98.232	214.5285	1.4393
98.329	214.5285	1.438
98.512	214.5285	1.442
99.095	215.9693	1.4515
99.569	217.4383	1.4569
99.992	217.4383	1.465
100.28	218.879	1.4677
100.84	220.348	1.4758
101.27	221.7887	1.4825
101.85	223.2577	1.4906
101.99	223.2577	1.4933
102.55	224.6984	1.5001
103.15	226.1674	1.5095
103.22	226.1674	1.5109
103.28	226.1674	1.5109
103.99	226.1674	1.5217
104.99	227.3822	1.5366
105.99	227.6364	1.5514
106.49	229.0771	1.5582
107.03	230.5461	1.5649
107.09	230.5461	1.5676
107.45	230.5461	1.573
107.79	231.9869	1.5771
107.99	231.9869	1.5798
108.27	231.9869	1.5838
109.51	231.9869	1.6014
109.99	232.0151	1.6081
110.07	233.4841	1.6108
110.12	233.4841	1.6122
110.27	233.4841	1.6135
110.73	234.9248	1.6203
111.16	236.3656	1.6257
111.55	237.8346	1.6311
111.99	238.3996	1.6378
112.27	239.8685	1.6419
112.62	241.3093	1.6486
113.11	242.7783	1.654
113.92	244.219	1.6662
113.99	244.219	1.6662
114.22	244.784	1.6702
114.63	244.784	1.677
114.7	244.784	1.6756
115.46	244.784	1.6878
115.91	244.784	1.6945

UCS Test Results, Stage Three

S2N4-1	7 Days		S2N4-2	7 Days		S3N2-1	7 Days		S3N2-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
159.26	850.4022	2.3332	92.474	360.3164	1.3772	29.759	296.1554	0.636	115.99	245.9987	1.6959
159.28	850.4022	2.3332	92.504	360.3164	1.3772	29.764	296.1554	0.6373	116.39	247.4677	1.6999
159.3	850.4022	2.3291	92.532	360.3164	1.3786	29.772	296.1554	0.6373	116.5	247.4677	1.7053
159.31	850.4022	2.3318	92.594	360.3164	1.3786	29.779	296.1554	0.6373	116.63	247.4677	1.704
159.32	850.4022	2.3318	92.721	360.3164	1.3759	29.784	296.1554	0.6373	116.67	248.9085	1.7067
159.34	850.4022	2.3345	92.74	360.3164	1.3759	29.792	296.1554	0.636	117.23	250.3775	1.7134
159.35	850.4022	2.3305	92.751	360.3164	1.3759	29.798	296.1554	0.6373	117.49	251.8182	1.7188
159.36	850.4022	2.3305	92.763	360.3164	1.3732	29.806	296.1554	0.6373	117.7	251.8182	1.7229
159.36	850.4022	2.3318	92.773	360.3164	1.3759	29.815	296.1554	0.636	117.72	251.8182	1.7229
159.37	850.4022	2.3291	92.783	362.4183	1.3772	29.826	296.1554	0.6346	117.74	251.8182	1.7242
159.38	850.4022	2.3291	92.805	364.5202	1.3786	29.842	296.1554	0.6319	117.77	251.8182	1.7242
159.39	850.4022	2.3291	92.886	366.6221	1.3813	29.877	296.1554	0.6319	117.8	251.8182	1.7242
159.39	850.4022	2.3291	93.032	366.6221	1.3853	29.951	296.1554	0.6252	117.82	251.8182	1.7256
159.4	850.4022	2.3278	93.141	366.6221	1.3867	29.961	296.1554	0.6279	117.84	251.8182	1.7256
159.41	850.4022	2.3332	93.19	366.6221	1.3867	29.966	296.1554	0.6292	117.86	251.8182	1.7256
159.41	851.8032	2.3332	93.247	366.6221	1.384	29.975	296.1554	0.6292	117.89	251.8182	1.7242
159.42	856.3564	2.3332	93.419	368.6836	1.3894	29.991	296.1554	0.6292	117.92	251.8182	1.7242
159.43	860.822	2.3386	93.465	368.6836	1.3921	29.998	296.1554	0.6265	117.97	251.8182	1.7256
159.91	860.822	2.3453	93.494	368.6836	1.3907	30.005	296.1554	0.6225	117.99	251.8182	1.7256
159.99	860.822	2.348	93.604	368.6836	1.3894	30.011	296.1554	0.6252	118.07	251.8182	1.7242
160.05	860.822	2.3453	93.624	368.6836	1.3921	30.015	296.1554	0.6238	118.09	251.8182	1.7229
160.2	860.822	2.348	93.952	370.7855	1.3961	30.02	296.1554	0.6238	118.11	251.8182	1.7242
160.9	860.822	2.3629	93.992	370.7855	1.3988	30.024	296.1554	0.6238	118.12	251.8182	1.7242
160.92	860.822	2.3629	94.085	372.3215	1.3975	30.028	296.1554	0.6238	118.13	251.8182	1.7242
160.94	860.822	2.3642	94.151	372.3215	1.3988	30.033	296.1554	0.6225	118.14	251.8182	1.7215
160.95	860.822	2.3642	94.287	372.3215	1.4015	30.039	296.1554	0.6238	118.15	251.8182	1.7202
160.97	860.822	2.3629	94.443	372.3215	1.4069	30.044	296.1554	0.6252	118.16	251.8182	1.7202
160.98	860.822	2.3656	94.455	372.3215	1.4069	30.05	296.1554	0.6238	118.16	251.8182	1.7215
161	860.822	2.3656	94.467	372.3215	1.4083	30.055	296.1554	0.6252	118.17	251.8182	1.7215
161.01	860.822	2.3656	94.477	372.3215	1.4083	30.062	296.1554	0.6279	118.18	251.8182	1.7215
161.03	860.822	2.3642	94.488	372.3215	1.4083	30.067	296.1554	0.6265	118.19	252.9764	1.7229
161.05	860.822	2.3656	94.498	372.3215	1.4096	30.076	297.8777	0.6292	118.21	254.4454	1.7256
161.06	860.822	2.3656	94.509	372.3215	1.4096	30.086	301.4599	0.6333	118.85	255.8862	1.735
161.07	860.822	2.3669	94.517	372.3215	1.4083	30.353	305.0422	0.6373	119.37	257.3269	1.7445
161.09	860.822	2.3669	94.527	372.3215	1.4083	30.753	308.6933	0.6454	119.67	257.3269	1.7499
161.1	860.822	2.3656	94.534	372.3215	1.4083	31.223	312.2756	0.6495	119.87	257.3269	1.7526
161.12	860.822	2.3669	94.547	372.3215	1.4096	31.591	315.8578	0.6549	119.99	258.6829	1.7526
161.16	860.822	2.3642	94.552	372.3215	1.411	31.702	315.8578	0.6643	120.16	260.1519	1.7566
161.23	860.822	2.3615	94.56	372.3215	1.4096	31.71	315.8578	0.6643	120.75	261.5926	1.7647
161.24	860.822	2.3602	94.57	372.3215	1.4096	31.72	315.8578	0.6657	121.13	263.0333	1.7701
161.26	860.822	2.3588	94.578	372.3215	1.411	31.729	315.8578	0.6643	121.57	264.5023	1.7755
161.27	860.822	2.3615	94.588	372.3215	1.4096	31.735	315.8578	0.663	121.66	264.5023	1.7809
161.28	860.822	2.3602	94.593	372.3215	1.411	31.741	315.8578	0.6657	121.69	264.5023	1.7796
161.29	860.822	2.3588	94.603	372.3215	1.411	31.749	315.8578	0.6657	121.71	264.5023	1.7809
161.3	860.822	2.3602	94.613	372.3215	1.411	31.756	315.8578	0.663	121.73	264.5023	1.7809
161.31	860.822	2.3602	94.623	372.3215	1.4096	31.762	315.8578	0.667	121.75	264.5023	1.7823
161.32	860.822	2.3588	94.634	372.3215	1.4096	31.77	315.8578	0.667	121.78	264.5023	1.7823
161.33	860.822	2.3588	94.652	372.3215	1.4083	31.775	315.8578	0.6657	121.8	264.5023	1.7823
161.34	860.822	2.3548	94.673	372.3215	1.4083	31.781	315.8578	0.667	121.83	264.5023	1.7836
161.35	860.822	2.3575	94.759	372.3215	1.4069	31.788	315.8578	0.6657	121.85	264.5023	1.7836
161.35	860.822	2.3588	94.772	372.3215	1.4029	31.792	315.8578	0.667	121.88	264.5023	1.7823
161.36	860.822	2.3575	94.782	372.3215	1.4042	31.8	315.8578	0.667	121.9	264.5023	1.7823
161.37	860.822	2.3575	94.791	372.3215	1.4042	31.81	315.8578	0.6657	121.99	264.5023	1.7823
161.37	860.822	2.3602	94.8	372.3215	1.4042	31.819	315.8578	0.6643	122.05	264.5023	1.7823

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.38	861.2599	2.3602
161.39	865.7255	2.3629
161.4	870.1912	2.3656
161.54	870.1912	2.3696
161.99	870.1912	2.3764
162.89	870.1912	2.3912
162.9	870.1912	2.3912
162.92	870.1912	2.3939
162.93	870.1912	2.3939
162.94	870.1912	2.3912
162.96	870.1912	2.3939
162.97	870.1912	2.3939
162.98	870.1912	2.3926
163	870.1912	2.3953
163.01	870.1912	2.3939
163.02	870.1912	2.3966
163.03	870.1912	2.3953
163.05	870.1912	2.3926
163.06	870.1912	2.3966
163.07	870.1912	2.3953
163.09	870.1912	2.3939
163.11	870.1912	2.3939
163.13	870.1912	2.3872
163.19	870.1912	2.3885
163.21	870.1912	2.3885
163.22	870.1912	2.3872
163.23	870.1912	2.3858
163.24	870.1912	2.3872
163.25	870.1912	2.3872
163.25	870.1912	2.3872
163.26	870.1912	2.3872
163.27	870.1912	2.3845
163.28	870.1912	2.3858
163.28	870.1912	2.3845
163.29	870.1912	2.3845
163.3	870.1912	2.3858
163.3	870.1912	2.3831
163.31	870.1912	2.3858
163.31	870.1912	2.3845
163.32	870.1912	2.3885
163.32	870.1912	2.3885
163.33	870.1912	2.3912
163.35	874.4817	2.3912
163.38	879.0349	2.3939
163.44	879.0349	2.398
163.51	879.0349	2.3953
163.61	879.0349	2.398
163.99	879.0349	2.4047
164.89	879.0349	2.4223
164.91	879.0349	2.4223
164.92	879.0349	2.4236
164.93	879.0349	2.4236
164.94	879.0349	2.4236
164.95	879.0349	2.425

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
94.807	372.3215	1.4056
94.813	372.3215	1.4042
94.822	372.3215	1.4042
94.83	372.3215	1.4069
94.839	372.3215	1.4042
94.843	372.3215	1.4015
94.852	372.3215	1.4029
94.858	372.3215	1.4042
94.862	372.3215	1.4015
94.866	372.3215	1.4029
94.871	372.3215	1.4029
94.875	372.3215	1.4015
94.881	372.3215	1.4042
94.884	372.3215	1.4015
94.891	372.3215	1.4042
94.895	372.3215	1.4029
94.901	372.3215	1.4056
94.909	372.3215	1.4029
94.917	374.383	1.4069
94.925	376.4849	1.4083
94.944	378.5869	1.4096
95.683	380.6484	1.4204
95.778	380.6484	1.4245
95.866	380.6484	1.4218
95.992	381.3355	1.4258
96.173	383.4374	1.4272
96.221	383.4374	1.4299
96.381	383.4374	1.4326
96.448	383.4374	1.4366
96.464	383.4374	1.4353
96.475	383.4374	1.4353
96.491	383.4374	1.4366
96.505	383.4374	1.438
96.516	383.4374	1.438
96.527	383.4374	1.4393
96.538	383.4374	1.438
96.55	383.4374	1.438
96.559	383.4374	1.438
96.57	383.4374	1.4407
96.578	383.4374	1.4393
96.588	383.4374	1.4393
96.598	383.4374	1.438
96.609	383.4374	1.4393
96.618	383.4374	1.4393
96.63	383.4374	1.4393
96.64	383.4374	1.4393
96.652	383.4374	1.4393
96.67	383.4374	1.438
96.683	383.4374	1.438
96.732	383.4374	1.4353
96.759	383.4374	1.4353
96.775	383.4374	1.4353
96.787	383.4374	1.4353
96.798	383.4374	1.4339

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
31.829	315.8578	0.663
31.843	315.8578	0.6616
31.942	315.8578	0.6589
31.958	315.8578	0.6549
31.963	315.8578	0.6549
31.97	315.8578	0.6589
31.98	315.8578	0.6589
31.99	315.8578	0.6549
31.997	315.8578	0.6549
32.001	315.8578	0.6508
32.005	315.8578	0.6535
32.01	315.8578	0.6522
32.014	315.8578	0.6522
32.019	315.8578	0.6535
32.023	315.8578	0.6522
32.029	315.8578	0.6522
32.034	315.8578	0.6508
32.04	315.8578	0.6549
32.044	315.8578	0.6535
32.051	315.8578	0.6576
32.06	315.8578	0.6589
32.069	318.0623	0.6589
32.084	321.6445	0.663
32.162	321.6445	0.6643
32.228	321.6445	0.6616
32.493	325.2268	0.667
32.589	325.2268	0.6711
32.7	325.2268	0.6711
32.894	328.8779	0.6738
33.247	328.8779	0.6792
33.292	328.8779	0.6778
33.355	332.4602	0.6819
33.696	332.4602	0.6913
33.706	332.4602	0.6927
33.716	332.4602	0.6927
33.725	332.4602	0.694
33.733	332.4602	0.6927
33.739	332.4602	0.694
33.747	332.4602	0.6954
33.755	332.4602	0.694
33.761	332.4602	0.6954
33.768	332.4602	0.694
33.776	332.4602	0.694
33.783	332.4602	0.694
33.789	332.4602	0.6954
33.796	332.4602	0.694
33.805	332.4602	0.694
33.81	332.4602	0.694
33.821	332.4602	0.694
33.831	332.4602	0.6927
33.852	332.4602	0.69
33.957	332.4602	0.6832
33.963	332.4602	0.6873
33.969	332.4602	0.6873

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
122.06	264.5023	1.7809
122.07	264.5023	1.7823
122.09	264.5023	1.7782
122.1	264.5023	1.7782
122.11	264.5023	1.7796
122.11	264.5023	1.7796
122.12	264.5023	1.7796
122.13	264.5023	1.7796
122.14	264.5023	1.7769
122.14	264.5023	1.7782
122.16	265.0673	1.7823
122.17	266.5363	1.7823
122.81	267.977	1.7944
123.35	269.4178	1.8012
123.69	269.4178	1.8106
123.71	269.4178	1.8106
123.73	269.4178	1.812
123.74	269.4178	1.8106
123.76	269.4178	1.812
123.77	269.4178	1.812
123.79	269.4178	1.812
123.81	269.4178	1.8106
123.82	269.4178	1.812
123.84	269.4178	1.8133
123.85	269.4178	1.8133
123.87	269.4178	1.8133
123.88	269.4178	1.8133
123.89	269.4178	1.8133
123.9	269.4178	1.8133
123.93	269.4178	1.8133
123.94	269.4178	1.8133
123.98	269.4178	1.8133
123.99	269.4178	1.812
124.05	269.4178	1.812
124.07	269.4178	1.8106
124.09	269.4178	1.8106
124.1	269.4178	1.8093
124.11	269.4178	1.8093
124.12	269.4178	1.8093
124.13	269.4178	1.8093
124.14	269.4178	1.8093
124.15	269.4178	1.8093
124.15	269.4178	1.8079
124.16	269.4178	1.8066
124.17	269.4178	1.8079
124.17	269.4178	1.8066
124.18	269.4178	1.8066
124.18	269.4178	1.8066
124.19	269.4178	1.8093
124.19	269.4178	1.8079
124.2	269.5873	1.8079
124.21	271.0563	1.8106
124.23	272.5252	1.8133
124.25	273.9942	1.8147

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
164.96	879.0349	2.425
164.97	879.0349	2.4236
164.98	879.0349	2.425
164.99	879.0349	2.425
165	879.0349	2.425
165	879.0349	2.4223
165.01	879.0349	2.425
165.02	879.0349	2.425
165.03	879.0349	2.425
165.04	879.0349	2.425
165.05	879.0349	2.4223
165.07	879.0349	2.4223
165.1	879.0349	2.4209
165.18	879.0349	2.4155
165.19	879.0349	2.4182
165.21	879.0349	2.4169
165.22	879.0349	2.4155
165.23	879.0349	2.4169
165.23	879.0349	2.4169
165.24	879.0349	2.4128
165.25	879.0349	2.4128
165.26	879.0349	2.4142
165.26	879.0349	2.4128
165.27	879.0349	2.4128
165.27	879.0349	2.4142
165.28	879.0349	2.4101
165.28	879.0349	2.4142
165.29	879.0349	2.4115
165.29	879.0349	2.4142
165.3	879.0349	2.4155
165.3	879.0349	2.4182
165.31	879.0349	2.4169
165.32	879.0349	2.4182
165.33	882.3623	2.4196
165.54	882.3623	2.4277
165.62	882.3623	2.4277
165.69	882.3623	2.4277
165.74	882.3623	2.429
165.99	882.3623	2.4331
166.89	882.3623	2.4507
166.91	882.3623	2.4493
166.92	882.3623	2.4507
166.93	882.3623	2.4507
166.95	882.3623	2.4534
166.96	882.3623	2.452
166.97	882.3623	2.452
166.98	882.3623	2.4534
166.99	882.3623	2.4534
167	882.3623	2.4534
167.01	882.3623	2.4534
167.02	882.3623	2.4547
167.03	882.3623	2.4547
167.04	882.3623	2.452
167.05	882.3623	2.4534

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
96.806	383.4374	1.4353
96.818	383.4374	1.4339
96.827	383.4374	1.4339
96.835	383.4374	1.4353
96.84	383.4374	1.4326
96.848	383.4374	1.4312
96.854	383.4374	1.4326
96.859	383.4374	1.4312
96.864	383.4374	1.4312
96.869	383.4374	1.4326
96.876	383.4374	1.4326
96.88	383.4374	1.4299
96.886	383.4374	1.4339
96.89	383.4374	1.4299
96.897	383.4374	1.4312
96.9	383.4374	1.4299
96.905	383.4374	1.4312
96.91	383.4374	1.4339
96.919	385.4989	1.4366
96.93	387.6008	1.4366
96.943	389.7027	1.4393
97.349	389.7027	1.4461
97.389	389.7027	1.4474
97.465	389.7027	1.4474
97.494	389.7027	1.4488
97.628	391.7642	1.4501
97.775	391.7642	1.4515
97.883	391.7642	1.4528
97.992	393.0173	1.4555
98.326	395.1192	1.4609
98.449	395.1192	1.465
98.455	395.1192	1.4663
98.469	395.1192	1.4663
98.476	395.1192	1.4663
98.486	395.1192	1.4677
98.495	395.1192	1.4677
98.505	395.1192	1.4677
98.514	395.1192	1.469
98.524	395.1192	1.469
98.532	395.1192	1.4677
98.537	395.1192	1.4677
98.546	395.1192	1.469
98.554	395.1192	1.4704
98.564	395.1192	1.4677
98.571	395.1192	1.4677
98.576	395.1192	1.469
98.586	395.1192	1.4704
98.594	395.1192	1.469
98.598	395.1192	1.469
98.606	395.1192	1.469
98.615	395.1192	1.4677
98.625	395.1192	1.4677
98.635	395.1192	1.4663
98.649	395.1192	1.4663

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
33.979	332.4602	0.6873
33.995	332.4602	0.6846
33.997	332.4602	0.6846
34.002	332.4602	0.6832
34.008	332.4602	0.6805
34.012	332.4602	0.6805
34.017	332.4602	0.6819
34.021	332.4602	0.6805
34.026	332.4602	0.6819
34.031	332.4602	0.6792
34.037	332.4602	0.6832
34.04	332.4602	0.6832
34.046	332.4602	0.6832
34.052	332.4602	0.6819
34.058	332.4602	0.6846
34.064	332.4602	0.6846
34.071	333.6313	0.6873
34.08	337.2824	0.6886
34.101	340.8647	0.694
34.136	340.8647	0.694
34.169	340.8647	0.694
34.274	340.8647	0.694
34.326	340.8647	0.694
34.746	344.4469	0.7021
34.885	344.4469	0.7048
35.021	344.4469	0.7048
35.187	348.0292	0.7075
35.668	351.6114	0.7143
35.703	351.6114	0.721
35.713	351.6114	0.7224
35.722	351.6114	0.721
35.727	351.6114	0.7224
35.735	351.6114	0.7237
35.744	351.6114	0.7237
35.752	351.6114	0.7224
35.757	351.6114	0.7237
35.765	351.6114	0.7251
35.772	351.6114	0.7237
35.777	351.6114	0.7251
35.784	351.6114	0.7237
35.79	351.6114	0.7237
35.796	351.6114	0.7251
35.805	351.6114	0.7237
35.81	351.6114	0.7237
35.819	351.6114	0.7237
35.834	351.6114	0.7224
35.847	351.6114	0.721
35.869	351.6114	0.7197
35.956	351.6114	0.7143
35.964	351.6114	0.717
35.974	351.6114	0.7183
35.987	351.6114	0.7116
35.997	351.6114	0.7116
36.004	351.6114	0.7129

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
124.46	273.9942	1.8174
124.75	273.9942	1.8228
125.35	275.4067	1.8296
125.68	275.4067	1.839
125.7	275.4067	1.839
125.71	275.4067	1.8404
125.73	275.4067	1.839
125.75	275.4067	1.8404
125.76	275.4067	1.8404
125.78	275.4067	1.8404
125.8	275.4067	1.8417
125.81	275.4067	1.8431
125.82	275.4067	1.8404
125.84	275.4067	1.8417
125.85	275.4067	1.8431
125.86	275.4067	1.8417
125.88	275.4067	1.8431
125.89	275.4067	1.8444
125.9	275.4067	1.8417
125.92	275.4067	1.8417
125.94	275.4067	1.8431
125.96	275.4067	1.8404
125.99	275.4067	1.839
126.03	275.4067	1.839
126.05	275.4067	1.839
126.07	275.4067	1.839
126.08	275.4067	1.8377
126.09	275.4067	1.8377
126.1	275.4067	1.8377
126.11	275.4067	1.8363
126.12	275.4067	1.8363
126.12	275.4067	1.8377
126.13	275.4067	1.8377
126.14	275.4067	1.8363
126.14	275.4067	1.8363
126.15	275.4067	1.835
126.15	275.4067	1.8363
126.16	275.4067	1.835
126.17	275.4067	1.835
126.17	275.4067	1.8363
126.17	275.4067	1.835
126.18	275.4915	1.8363
126.19	276.9322	1.8404
126.21	278.4012	1.8417
126.73	279.8419	1.8539
127.41	281.2827	1.8606
127.46	281.2827	1.8633
127.56	281.2827	1.862
127.67	281.2827	1.8687
127.69	281.2827	1.8674
127.71	281.2827	1.8687
127.72	281.2827	1.8687
127.74	281.2827	1.8687
127.75	281.2827	1.8687

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.07	882.3623	2.4534
167.08	882.3623	2.4534
167.1	882.3623	2.452
167.12	882.3623	2.4493
167.18	882.3623	2.4439
167.19	882.3623	2.4466
167.2	882.3623	2.4453
167.21	882.3623	2.4466
167.22	882.3623	2.4426
167.23	882.3623	2.4426
167.24	882.3623	2.4426
167.24	882.3623	2.4453
167.25	882.3623	2.4412
167.26	882.3623	2.4426
167.26	882.3623	2.4412
167.27	882.3623	2.4426
167.27	882.3623	2.4426
167.28	882.3623	2.4412
167.28	882.3623	2.4439
167.29	882.3623	2.4426
167.29	882.3623	2.4466
167.3	882.3623	2.4439
167.31	882.3623	2.448
167.31	883.9384	2.4493
167.33	888.4916	2.448
167.87	888.4916	2.4588
167.99	888.4916	2.4628
168.89	888.4916	2.479
168.9	888.4916	2.4804
168.91	888.4916	2.4804
168.92	888.4916	2.4817
168.93	888.4916	2.4804
168.94	888.4916	2.4831
168.95	888.4916	2.4817
168.96	888.4916	2.4831
168.97	888.4916	2.4831
168.98	888.4916	2.4831
168.99	888.4916	2.4817
169	888.4916	2.4817
169.01	888.4916	2.4831
169.01	888.4916	2.4831
169.02	888.4916	2.4844
169.03	888.4916	2.4831
169.04	888.4916	2.4831
169.06	888.4916	2.4804
169.08	888.4916	2.4804
169.16	888.4916	2.4763
169.18	888.4916	2.4723
169.19	888.4916	2.4736
169.2	888.4916	2.4709
169.21	888.4916	2.4709
169.22	888.4916	2.4723
169.23	888.4916	2.4723
169.23	888.4916	2.4709

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
98.715	395.1192	1.465
98.744	395.1192	1.4636
98.755	395.1192	1.4609
98.764	395.1192	1.4623
98.774	395.1192	1.4636
98.783	395.1192	1.4596
98.788	395.1192	1.4623
98.795	395.1192	1.4596
98.802	395.1192	1.4609
98.806	395.1192	1.4596
98.813	395.1192	1.4582
98.817	395.1192	1.4596
98.822	395.1192	1.4596
98.826	395.1192	1.4582
98.832	395.1192	1.4609
98.836	395.1192	1.4582
98.84	395.1192	1.4582
98.845	395.1192	1.4582
98.848	395.1192	1.4582
98.853	395.1192	1.4609
98.856	395.1192	1.4609
98.859	395.1192	1.4623
98.865	395.1192	1.4609
98.869	395.1192	1.4623
98.878	397.0594	1.4636
98.889	399.1614	1.465
98.908	401.2633	1.4663
99.016	401.2633	1.469
99.082	401.2633	1.4717
99.131	401.2633	1.4717
99.339	401.2633	1.4731
99.88	403.3248	1.4825
99.992	403.729	1.4825
100.19	405.8309	1.4866
100.44	405.8309	1.4947
100.45	405.8309	1.4947
100.46	405.8309	1.4933
100.48	405.8309	1.4947
100.49	405.8309	1.4947
100.5	405.8309	1.496
100.51	405.8309	1.496
100.52	405.8309	1.496
100.53	405.8309	1.4947
100.54	405.8309	1.4947
100.55	405.8309	1.496
100.55	405.8309	1.4987
100.56	405.8309	1.4974
100.57	405.8309	1.4987
100.58	405.8309	1.4987
100.59	405.8309	1.496
100.6	405.8309	1.4974
100.61	405.8309	1.4974
100.62	405.8309	1.4974
100.63	405.8309	1.496

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
36.008	351.6114	0.7089
36.015	351.6114	0.7129
36.019	351.6114	0.7102
36.024	351.6114	0.7156
36.027	351.6114	0.7116
36.034	351.6114	0.7102
36.038	351.6114	0.7089
36.043	351.6114	0.7116
36.047	351.6114	0.7102
36.054	351.6114	0.7129
36.058	351.6114	0.7129
36.065	351.6114	0.7129
36.071	351.6114	0.7129
36.078	351.6114	0.717
36.087	354.2981	0.7197
36.121	357.8803	0.721
36.819	361.4626	0.7318
37.174	365.0448	0.7359
37.575	368.696	0.7399
37.631	368.696	0.7453
37.7	368.696	0.7507
37.709	368.696	0.7494
37.716	368.696	0.7494
37.723	368.696	0.7507
37.732	368.696	0.7521
37.742	368.696	0.7507
37.751	368.696	0.7521
37.757	368.696	0.7521
37.763	368.696	0.7534
37.77	368.696	0.7521
37.774	368.696	0.7534
37.783	368.696	0.7534
37.79	368.696	0.7521
37.795	368.696	0.7534
37.803	368.696	0.7534
37.812	368.696	0.7507
37.823	368.696	0.7521
37.834	368.696	0.7494
37.854	368.696	0.7494
37.941	368.696	0.744
37.954	368.696	0.7426
37.962	368.696	0.7453
37.97	368.696	0.7453
37.98	368.696	0.7467
37.991	368.696	0.7413
37.997	368.696	0.7413
38.003	368.696	0.7426
38.008	368.696	0.744
38.014	368.696	0.7399
38.021	368.696	0.7399
38.024	368.696	0.7372
38.03	368.696	0.7399
38.034	368.696	0.7399
38.04	368.696	0.7399

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.77	281.2827	1.8701
127.79	281.2827	1.8687
127.8	281.2827	1.8701
127.82	281.2827	1.8701
127.83	281.2827	1.8714
127.85	281.2827	1.8701
127.87	281.2827	1.8714
127.88	281.2827	1.8714
127.9	281.2827	1.8714
127.93	281.2827	1.8714
127.94	281.2827	1.8714
127.99	281.2827	1.8714
128.03	281.2827	1.8701
128.05	281.2827	1.8674
128.06	281.2827	1.8674
128.07	281.2827	1.8674
128.09	281.2827	1.8674
128.1	281.2827	1.8674
128.11	281.2827	1.8674
128.12	281.2827	1.8674
128.13	281.2827	1.866
128.13	281.2827	1.8674
128.14	281.2827	1.8674
128.15	281.2827	1.8647
128.15	281.2827	1.866
128.16	281.2827	1.866
128.16	281.2827	1.866
128.17	281.2827	1.8647
128.18	281.2827	1.866
128.19	282.0454	1.8674
128.2	283.5144	1.8687
128.22	284.9551	1.8728
129.42	286.3959	1.889
129.67	286.3959	1.8971
129.69	286.3959	1.8984
129.71	286.3959	1.8984
129.72	286.3959	1.8971
129.74	286.3959	1.8984
129.75	286.3959	1.8998
129.76	286.3959	1.8998
129.77	286.3959	1.8998
129.78	286.3959	1.8998
129.79	286.3959	1.9011
129.8	286.3959	1.9011
129.81	286.3959	1.9011
129.82	286.3959	1.9011
129.83	286.3959	1.9025
129.84	286.3959	1.9025
129.85	286.3959	1.9025
129.86	286.3959	1.9011
129.87	286.3959	1.9011
129.88	286.3959	1.9011
129.89	286.3959	1.8998
129.9	286.3959	1.8984

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
169.24	888.4916	2.4723
169.25	888.4916	2.4709
169.25	888.4916	2.4723
169.26	888.4916	2.4723
169.26	888.4916	2.4709
169.27	888.4916	2.4723
169.27	888.4916	2.4696
169.28	888.4916	2.4736
169.29	888.4916	2.4736
169.29	888.4916	2.4763
169.3	888.4916	2.475
169.31	888.8419	2.4763
169.32	893.3076	2.479
169.34	897.7732	2.4817
169.44	897.7732	2.4844
169.74	897.7732	2.4871
169.99	897.7732	2.4925
170.28	897.7732	2.4966
170.4	897.7732	2.4966
170.44	897.7732	2.4939
170.47	897.7732	2.4966
170.73	897.7732	2.4993
170.9	897.7732	2.5087
170.91	897.7732	2.5087
170.92	897.7732	2.5087
170.93	897.7732	2.5074
170.94	897.7732	2.5087
170.96	897.7732	2.5101
170.97	897.7732	2.5101
170.98	897.7732	2.5114
170.99	897.7732	2.5128
171	897.7732	2.5114
171.01	897.7732	2.5128
171.02	897.7732	2.5128
171.03	897.7732	2.5114
171.04	897.7732	2.5114
171.05	897.7732	2.5128
171.06	897.7732	2.5114
171.07	897.7732	2.5114
171.09	897.7732	2.5087
171.12	897.7732	2.5047
171.17	897.7732	2.506
171.19	897.7732	2.502
171.2	897.7732	2.502
171.21	897.7732	2.5006
171.22	897.7732	2.5006
171.23	897.7732	2.502
171.23	897.7732	2.5006
171.24	897.7732	2.5006
171.25	897.7732	2.5006
171.25	897.7732	2.4993
171.26	897.7732	2.5006
171.26	897.7732	2.4993
171.27	897.7732	2.4993

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
100.64	405.8309	1.4974
100.65	405.8309	1.496
100.67	405.8309	1.4947
100.74	405.8309	1.4933
100.76	405.8309	1.492
100.77	405.8309	1.4906
100.78	405.8309	1.4906
100.79	405.8309	1.4893
100.8	405.8309	1.492
100.81	405.8309	1.4906
100.81	405.8309	1.4879
100.82	405.8309	1.4906
100.83	405.8309	1.4879
100.83	405.8309	1.4893
100.84	405.8309	1.4879
100.84	405.8309	1.4893
100.85	405.8309	1.4879
100.85	405.8309	1.4906
100.86	405.8309	1.4893
100.86	405.8309	1.4906
100.86	405.8309	1.4879
100.87	405.8309	1.4893
100.87	405.8309	1.4893
100.88	405.8309	1.4893
100.88	405.8309	1.492
100.89	405.9521	1.4906
100.9	408.0541	1.4947
100.91	410.1156	1.4974
100.94	412.2175	1.4974
101.25	412.2175	1.5028
101.27	412.2175	1.5041
101.33	412.2175	1.5041
101.41	412.2175	1.5014
101.44	412.2175	1.5041
101.48	412.2175	1.5055
101.53	414.3194	1.5055
101.96	416.3809	1.5122
101.99	416.3809	1.5136
102.27	417.2297	1.5163
102.44	417.2297	1.5231
102.45	417.2297	1.5231
102.46	417.2297	1.5244
102.47	417.2297	1.5244
102.48	417.2297	1.5244
102.49	417.2297	1.5258
102.5	417.2297	1.5258
102.51	417.2297	1.5258
102.52	417.2297	1.5258
102.53	417.2297	1.5258
102.54	417.2297	1.5258
102.55	417.2297	1.5258
102.55	417.2297	1.5258
102.56	417.2297	1.5271
102.57	417.2297	1.5271

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
38.044	368.696	0.7413
38.051	368.696	0.7426
38.056	368.696	0.7426
38.064	368.696	0.7453
38.073	368.9026	0.7467
38.085	372.4849	0.7494
38.588	376.0671	0.7575
39.08	379.7183	0.7615
39.478	383.3005	0.7696
39.67	383.3005	0.775
39.69	383.3005	0.7804
39.699	383.3005	0.7804
39.707	383.3005	0.7804
39.714	383.3005	0.7804
39.72	383.3005	0.7804
39.727	383.3005	0.7804
39.733	383.3005	0.7818
39.74	383.3005	0.7831
39.746	383.3005	0.7831
39.75	383.3005	0.7831
39.757	383.3005	0.7831
39.761	383.3005	0.7845
39.766	383.3005	0.7831
39.77	383.3005	0.7831
39.776	383.3005	0.7831
39.782	383.3005	0.7818
39.79	383.3005	0.7818
39.801	383.3005	0.7791
39.812	383.3005	0.7764
39.948	383.3005	0.7723
39.956	383.3005	0.7723
39.961	383.3005	0.7737
39.97	383.3005	0.775
39.98	383.3005	0.7737
39.992	383.3005	0.7696
39.997	383.3005	0.7723
40.001	383.3005	0.7683
40.007	383.3005	0.771
40.011	383.3005	0.7683
40.017	383.3005	0.771
40.021	383.3005	0.7696
40.025	383.3005	0.7683
40.031	383.3005	0.7696
40.036	383.3005	0.7723
40.042	383.3005	0.7696
40.05	383.3005	0.771
40.054	383.3005	0.7737
40.062	383.3005	0.7737
40.073	383.3005	0.7737
40.084	385.1605	0.7791
40.125	388.7428	0.7804
40.832	392.3939	0.7872
40.93	392.3939	0.7926
40.994	392.3939	0.7912

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
129.99	286.3959	1.8957
130	286.3959	1.8971
130.02	286.3959	1.8957
130.03	286.3959	1.8971
130.04	286.3959	1.893
130.05	286.3959	1.8944
130.06	286.3959	1.8944
130.07	286.3959	1.8957
130.07	286.3959	1.893
130.08	286.3959	1.893
130.09	286.3959	1.893
130.09	286.3959	1.8917
130.1	286.3959	1.8917
130.1	286.3959	1.8917
130.11	286.3959	1.8917
130.11	286.3959	1.8917
130.11	286.3959	1.893
130.12	286.3959	1.8917
130.12	286.3959	1.893
130.13	286.3959	1.893
130.13	286.3959	1.893
130.14	286.8479	1.8957
130.15	288.3169	1.8984
130.17	289.7576	1.9011
130.25	289.7576	1.9038
130.48	289.7576	1.9065
130.56	289.7576	1.9065
131.05	289.7576	1.9133
131.14	289.7576	1.916
131.27	289.7576	1.9173
131.66	289.7576	1.9241
131.72	289.7576	1.9254
131.76	289.7576	1.9268
131.78	289.7576	1.9268
131.81	289.7576	1.9268
131.84	289.7576	1.9281
131.87	289.7576	1.9268
131.9	289.7576	1.9254
131.97	289.7576	1.9241
131.98	289.7576	1.9227
131.99	289.7576	1.9227
131.99	289.7576	1.9227
132	289.7576	1.9227
132.01	289.7576	1.9241
132.02	289.7576	1.9227
132.03	289.7576	1.9254
132.05	289.7576	1.9254
132.23	289.7576	1.9322
132.32	289.7576	1.9322
132.87	289.7576	1.9416
132.93	289.7576	1.9416
133.74	289.7576	1.9538
133.91	289.7576	1.9524
133.97	289.7576	1.9538

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
171.27	897.7732	2.4993
171.28	897.7732	2.4993
171.28	897.7732	2.5006
171.29	897.7732	2.5006
171.29	897.7732	2.502
171.3	897.7732	2.5033
171.31	897.7732	2.5074
171.32	897.7732	2.5074
171.33	897.7732	2.5074
171.45	897.7732	2.5128
171.99	897.7732	2.5195
172.89	897.7732	2.5371
172.9	897.7732	2.5371
172.92	897.7732	2.5384
172.93	897.7732	2.5384
172.94	897.7732	2.5384
172.95	897.7732	2.5384
172.96	897.7732	2.5384
172.98	897.7732	2.5411
172.99	897.7732	2.5398
173	897.7732	2.5398
173.01	897.7732	2.5411
173.02	897.7732	2.5411
173.02	897.7732	2.5371
173.04	897.7732	2.5398
173.04	897.7732	2.5384
173.06	897.7732	2.5398
173.07	897.7732	2.5398
173.08	897.7732	2.5398
173.1	897.7732	2.5384
173.19	897.7732	2.5317
173.19	897.7732	2.533
173.2	897.7732	2.533
173.21	897.7732	2.5317
173.22	897.7732	2.529
173.23	897.7732	2.5303
173.24	897.7732	2.533
173.24	897.7732	2.529
173.25	897.7732	2.529
173.25	897.7732	2.5303
173.26	897.7732	2.529
173.27	897.7732	2.5303
173.27	897.7732	2.5276
173.28	897.7732	2.5317
173.28	897.7732	2.529
173.29	897.7732	2.5303
173.29	897.7732	2.5303
173.3	897.7732	2.5303
173.31	897.7732	2.5357
173.31	897.7732	2.5344
173.33	899.4369	2.5371
173.55	899.4369	2.5438
173.78	899.4369	2.5465
173.99	899.4369	2.5479

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
102.58	417.2297	1.5258
102.59	417.2297	1.5258
102.6	417.2297	1.5258
102.61	417.2297	1.5244
102.61	417.2297	1.5271
102.63	417.2297	1.5244
102.64	417.2297	1.5258
102.65	417.2297	1.5258
102.67	417.2297	1.5244
102.74	417.2297	1.519
102.75	417.2297	1.5204
102.76	417.2297	1.5204
102.77	417.2297	1.5204
102.78	417.2297	1.5177
102.79	417.2297	1.5204
102.8	417.2297	1.5217
102.8	417.2297	1.5177
102.81	417.2297	1.5177
102.81	417.2297	1.5163
102.82	417.2297	1.5163
102.82	417.2297	1.5163
102.83	417.2297	1.5177
102.83	417.2297	1.5177
102.84	417.2297	1.5177
102.84	417.2297	1.5163
102.84	417.2297	1.515
102.85	417.2297	1.5204
102.85	417.2297	1.519
102.86	417.2297	1.5177
102.86	417.2297	1.519
102.87	417.2297	1.519
102.87	417.2297	1.5204
102.88	417.3106	1.5217
102.89	419.4125	1.5231
102.9	421.5144	1.5244
102.92	423.6163	1.5258
103.66	425.6778	1.5352
103.99	425.6778	1.5406
104.03	427.0521	1.542
104.11	427.0521	1.5447
104.21	427.0521	1.5447
104.32	429.154	1.5474
104.44	429.154	1.5528
104.45	429.154	1.5528
104.46	429.154	1.5528
104.47	429.154	1.5528
104.47	429.154	1.5541
104.48	429.154	1.5528
104.49	429.154	1.5541
104.5	429.154	1.5541
104.51	429.154	1.5555
104.51	429.154	1.5541
104.52	429.154	1.5555
104.53	429.154	1.5555

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
41.252	395.9073	0.798
41.329	395.9073	0.7966
41.383	395.9073	0.798
41.695	395.9073	0.8074
41.705	395.9073	0.8061
41.713	395.9073	0.8061
41.724	395.9073	0.8088
41.733	395.9073	0.8074
41.74	395.9073	0.8088
41.748	395.9073	0.8088
41.757	395.9073	0.8088
41.765	395.9073	0.8088
41.771	395.9073	0.8088
41.779	395.9073	0.8115
41.788	395.9073	0.8115
41.796	395.9073	0.8088
41.802	395.9073	0.8101
41.81	395.9073	0.8115
41.819	395.9073	0.8101
41.828	395.9073	0.8101
41.838	395.9073	0.8101
41.85	395.9073	0.8074
41.882	395.9073	0.8074
41.948	395.9073	0.8007
41.958	395.9073	0.8034
41.966	395.9073	0.8047
41.977	395.9073	0.8047
41.989	395.9073	0.8007
41.997	395.9073	0.798
42.002	395.9073	0.7993
42.008	395.9073	0.8007
42.011	395.9073	0.8007
42.017	395.9073	0.7993
42.021	395.9073	0.798
42.028	395.9073	0.798
42.031	395.9073	0.7966
42.037	395.9073	0.798
42.04	395.9073	0.798
42.047	395.9073	0.798
42.051	395.9073	0.798
42.057	395.9073	0.8007
42.061	395.9073	0.8007
42.068	395.9073	0.8007
42.076	397.8362	0.8034
42.082	401.4184	0.8061
42.224	405.0696	0.8101
42.271	405.0696	0.8115
42.461	405.0696	0.8115
43.127	408.5829	0.8223
43.678	412.1652	0.8358
43.697	412.1652	0.8371
43.706	412.1652	0.8371
43.714	412.1652	0.8385
43.723	412.1652	0.8385

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.99	289.7576	1.9551
134.15	289.7576	1.9592
134.51	289.7576	1.9646
134.92	291.0288	1.9686
135.13	292.4978	1.9727
135.6	293.9386	1.9781
135.66	293.9386	1.9848
135.68	293.9386	1.9835
135.69	293.9386	1.9848
135.7	293.9386	1.9848
135.72	293.9386	1.9835
135.73	293.9386	1.9848
135.74	293.9386	1.9862
135.76	293.9386	1.9875
135.77	293.9386	1.9862
135.78	293.9386	1.9875
135.78	293.9386	1.9889
135.79	293.9386	1.9875
135.8	293.9386	1.9875
135.81	293.9386	1.9889
135.82	293.9386	1.9875
135.83	293.9386	1.9875
135.84	293.9386	1.9875
135.85	293.9386	1.9862
135.86	293.9386	1.9862
135.87	293.9386	1.9875
135.88	293.9386	1.9862
135.89	293.9386	1.9848
135.98	293.9386	1.9835
135.99	293.9386	1.9821
136	293.9386	1.9821
136.01	293.9386	1.9821
136.02	293.9386	1.9808
136.03	293.9386	1.9808
136.04	293.9386	1.9821
136.05	293.9386	1.9794
136.05	293.9386	1.9808
136.06	293.9386	1.9794
136.06	293.9386	1.9794
136.07	293.9386	1.9794
136.07	293.9386	1.9781
136.08	293.9386	1.9794
136.08	293.9386	1.9767
136.09	293.9386	1.9808
136.09	293.9386	1.9794
136.1	293.9386	1.9808
136.1	293.9386	1.9794
136.11	293.9386	1.9808
136.11	293.9386	1.9821
136.12	293.9386	1.9808
136.13	294.6165	1.9835
136.14	296.0573	1.9862
136.17	297.5263	1.9875
136.54	297.5263	1.9943

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
174.07	899.4369	2.5479
174.88	899.4369	2.5641
174.89	899.4369	2.5668
174.91	899.4369	2.5668
174.92	899.4369	2.5654
174.94	899.4369	2.5681
174.96	899.4369	2.5681
174.97	899.4369	2.5681
174.98	899.4369	2.5681
174.99	899.4369	2.5695
175	899.4369	2.5681
175.01	899.4369	2.5695
175.03	899.4369	2.5708
175.04	899.4369	2.5695
175.05	899.4369	2.5695
175.06	899.4369	2.5681
175.07	899.4369	2.5695
175.08	899.4369	2.5695
175.09	899.4369	2.5681
175.11	899.4369	2.5681
175.19	899.4369	2.5614
175.2	899.4369	2.56
175.21	899.4369	2.56
175.22	899.4369	2.5587
175.23	899.4369	2.56
175.23	899.4369	2.5587
175.24	899.4369	2.56
175.25	899.4369	2.56
175.26	899.4369	2.5587
175.26	899.4369	2.56
175.27	899.4369	2.5573
175.27	899.4369	2.5587
175.28	899.4369	2.5573
175.29	899.4369	2.5587
175.29	899.4369	2.5587
175.3	899.4369	2.56
175.3	899.4369	2.5587
175.31	899.4369	2.56
175.31	899.4369	2.5627
175.32	899.4369	2.5641
175.33	900.9254	2.5668
175.53	900.9254	2.5722
175.58	900.9254	2.5708
175.99	900.9254	2.5789
176.89	900.9254	2.5938
176.9	900.9254	2.5951
176.92	900.9254	2.5951
176.93	900.9254	2.5965
176.95	900.9254	2.5951
176.96	900.9254	2.5965
176.97	900.9254	2.5965
176.98	900.9254	2.5978
176.99	900.9254	2.5978
176.99	900.9254	2.5978

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
104.54	429.154	1.5568
104.54	429.154	1.5568
104.55	429.154	1.5568
104.55	429.154	1.5555
104.56	429.154	1.5568
104.57	429.154	1.5555
104.57	429.154	1.5555
104.57	429.154	1.5555
104.57	429.154	1.5541
104.58	429.154	1.5541
104.58	429.154	1.5528
104.58	429.154	1.5541
104.59	429.154	1.5528
104.61	429.154	1.5528
104.64	429.154	1.5514
104.7	429.154	1.5501
104.72	429.154	1.5501
104.73	429.154	1.546
104.74	429.154	1.5474
104.74	429.154	1.5474
104.75	429.154	1.546
104.75	429.154	1.5487
104.76	429.154	1.5487
104.77	429.154	1.546
104.77	429.154	1.546
104.78	429.154	1.546
104.78	429.154	1.5447
104.79	429.154	1.546
104.79	429.154	1.5433
104.79	429.154	1.546
104.8	429.154	1.5447
104.8	429.154	1.546
104.81	429.154	1.5447
104.81	429.154	1.5447
104.81	429.154	1.546
104.82	429.154	1.5447
104.82	429.154	1.5447
104.82	429.154	1.5487
104.83	429.154	1.5474
104.83	429.154	1.5474
104.84	429.154	1.5487
104.84	429.154	1.5487
104.85	430.69	1.5501
104.86	432.792	1.5528
104.9	434.8535	1.5555
105.01	434.8535	1.5582
105.23	434.8535	1.5595
105.61	436.9149	1.5649
105.7	436.9149	1.5663
105.78	436.9149	1.5676
105.99	438.0063	1.5717
106.28	440.1082	1.5757
106.4	440.1082	1.5771
106.44	440.1082	1.5798

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
43.728	412.1652	0.8371
43.735	412.1652	0.8398
43.743	412.1652	0.8398
43.748	412.1652	0.8385
43.755	412.1652	0.8398
43.763	412.1652	0.8398
43.767	412.1652	0.8398
43.769	412.1652	0.8385
43.771	412.1652	0.8398
43.772	412.1652	0.8398
43.774	412.1652	0.8398
43.776	412.1652	0.8398
43.786	412.1652	0.8398
43.794	412.1652	0.8385
43.804	412.1652	0.8385
43.816	412.1652	0.8371
43.834	412.1652	0.8358
43.924	412.1652	0.8317
43.936	412.1652	0.8263
43.945	412.1652	0.825
43.95	412.1652	0.8263
43.954	412.1652	0.8263
43.957	412.1652	0.825
43.963	412.1652	0.825
43.966	412.1652	0.8236
43.971	412.1652	0.825
43.974	412.1652	0.8236
43.978	412.1652	0.8236
43.983	412.1652	0.8277
43.988	412.1652	0.8236
43.994	412.1652	0.825
43.996	412.1652	0.825
44.003	412.1652	0.8263
44.006	412.1652	0.8263
44.013	412.1652	0.829
44.018	412.1652	0.8277
44.026	412.1652	0.8331
44.036	412.1652	0.8358
44.143	412.1652	0.8425
44.163	412.1652	0.8398
44.272	412.1652	0.8385
44.334	412.1652	0.8398
44.671	414.5763	0.8439
45.165	418.1585	0.852
45.626	421.6719	0.8601
45.996	422.4297	0.8641
46.128	426.0119	0.8668
46.812	429.5942	0.879
47.632	433.1075	0.8898
47.739	433.1075	0.8911
47.797	433.1764	0.8884
47.996	434.072	0.8952
48.37	437.6542	0.8992
49.118	441.2365	0.9087

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
136.6	297.5263	1.9943
136.93	298.967	1.9983
137.55	300.3795	2.0078
137.66	300.3795	2.0118
137.68	300.3795	2.0132
137.69	300.3795	2.0132
137.7	300.3795	2.0132
137.72	300.3795	2.0145
137.73	300.3795	2.0145
137.75	300.3795	2.0145
137.76	300.3795	2.0145
137.77	300.3795	2.0145
137.78	300.3795	2.0159
137.79	300.3795	2.0159
137.8	300.3795	2.0159
137.8	300.3795	2.0159
137.81	300.3795	2.0172
137.82	300.3795	2.0172
137.83	300.3795	2.0172
137.84	300.3795	2.0172
137.85	300.3795	2.0172
137.86	300.3795	2.0172
137.87	300.3795	2.0172
137.88	300.3795	2.0159
137.89	300.3795	2.0132
137.93	300.3795	2.0132
137.97	300.3795	2.0105
137.99	300.3795	2.0105
137.99	300.3795	2.0105
138	300.3795	2.0105
138.01	300.3795	2.0091
138.02	300.3795	2.0105
138.02	300.3795	2.0105
138.03	300.3795	2.0078
138.03	300.3795	2.0091
138.04	300.3795	2.0105
138.05	300.3795	2.0091
138.05	300.3795	2.0064
138.06	300.3795	2.0091
138.06	300.3795	2.0064
138.07	300.3795	2.0078
138.07	300.3795	2.0078
138.08	300.3795	2.0078
138.08	300.3795	2.0078
138.08	300.3795	2.0078
138.09	300.3795	2.0078
138.09	300.3795	2.0091
138.1	300.3795	2.0091
138.1	300.3795	2.0091
138.11	300.9727	2.0105
138.12	302.4135	2.0159
138.74	303.8542	2.024
138.87	303.8542	2.0267
138.93	303.8542	2.0267

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
177.01	900.9254	2.5992
177.01	900.9254	2.5992
177.02	900.9254	2.5992
177.03	900.9254	2.5992
177.05	900.9254	2.5992
177.06	900.9254	2.5965
177.07	900.9254	2.5978
177.08	900.9254	2.5965
177.1	900.9254	2.5992
177.18	900.9254	2.5897
177.19	900.9254	2.5897
177.2	900.9254	2.5897
177.21	900.9254	2.5884
177.22	900.9254	2.5911
177.23	900.9254	2.5884
177.23	900.9254	2.587
177.24	900.9254	2.587
177.25	900.9254	2.5884
177.25	900.9254	2.5857
177.26	900.9254	2.587
177.27	900.9254	2.5857
177.27	900.9254	2.5884
177.28	900.9254	2.5857
177.28	900.9254	2.5897
177.29	900.9254	2.5884
177.29	900.9254	2.5897
177.3	900.9254	2.5897
177.31	900.9254	2.5924
177.32	903.6399	2.5938
177.33	908.1931	2.5938
177.77	908.1931	2.6046
177.98	908.1931	2.6059
177.99	908.1931	2.6086
178.05	908.1931	2.6073
178.7	908.1931	2.6167
178.81	908.1931	2.6167
178.89	908.1931	2.6235
178.9	908.1931	2.6235
178.92	908.1931	2.6248
178.93	908.1931	2.6262
178.94	908.1931	2.6262
178.95	908.1931	2.6262
178.96	908.1931	2.6275
178.97	908.1931	2.6262
178.98	908.1931	2.6275
178.99	908.1931	2.6289
179	908.1931	2.6275
179.01	908.1931	2.6262
179.01	908.1931	2.6275
179.02	908.1931	2.6275
179.03	908.1931	2.6302
179.04	908.1931	2.6289
179.05	908.1931	2.6289
179.06	908.1931	2.6275

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
106.45	440.1082	1.5811
106.46	440.1082	1.5811
106.47	440.1082	1.5825
106.48	440.1082	1.5825
106.5	440.1082	1.5825
106.51	440.1082	1.5811
106.52	440.1082	1.5825
106.53	440.1082	1.5825
106.54	440.1082	1.5825
106.55	440.1082	1.5825
106.56	440.1082	1.5838
106.57	440.1082	1.5838
106.58	440.1082	1.5838
106.59	440.1082	1.5852
106.6	440.1082	1.5838
106.61	440.1082	1.5838
106.62	440.1082	1.5838
106.63	440.1082	1.5838
106.64	440.1082	1.5838
106.65	440.1082	1.5838
106.66	440.1082	1.5838
106.68	440.1082	1.5784
106.75	440.1082	1.5798
106.76	440.1082	1.5798
106.78	440.1082	1.5798
106.79	440.1082	1.5798
106.8	440.1082	1.5771
106.81	440.1082	1.5771
106.81	440.1082	1.5784
106.82	440.1082	1.5771
106.82	440.1082	1.5771
106.83	440.1082	1.5771
106.84	440.1082	1.5771
106.84	440.1082	1.5771
106.85	440.1082	1.5771
106.85	440.1082	1.5757
106.86	440.1082	1.5757
106.86	440.1082	1.5757
106.87	440.1082	1.5757
106.87	440.1082	1.5771
106.87	440.1082	1.5771
106.88	440.1082	1.5771
106.88	440.1082	1.5784
106.89	440.1082	1.5771
106.89	440.1082	1.5771
106.9	440.1082	1.5798
106.91	442.2101	1.5811
106.92	444.2716	1.5838
106.95	446.3736	1.5838
107.71	448.435	1.596
107.99	448.435	1.6014
108.12	450.3753	1.6027
108.43	450.3753	1.6108
108.44	450.3753	1.6095

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
49.489	444.8187	0.9155
49.562	444.8187	0.9182
49.714	444.8187	0.9182
49.996	446.4721	0.9236
50.301	446.4721	0.929
50.46	446.4721	0.929
50.521	450.0543	0.929
51.157	453.6366	0.9384
51.709	457.2188	0.9479
51.996	459.3544	0.9506
52.043	459.3544	0.9533
52.233	459.3544	0.9546
52.467	462.9366	0.9587
52.523	462.9366	0.96
52.652	462.9366	0.9641
53.288	466.45	0.9708
53.912	470.0322	0.9789
53.996	470.0322	0.9803
54.23	471.9612	0.9843
54.284	471.9612	0.9843
54.374	471.9612	0.9857
54.874	475.5434	0.9924
55.274	479.0568	0.9992
55.462	479.0568	1.0046
55.591	479.0568	1.0019
55.682	479.0568	1.0059
55.934	479.0568	1.0127
55.995	479.0568	1.0113
56.083	479.0568	1.01
56.411	479.0568	1.0154
56.933	479.6768	1.0275
56.969	479.6768	1.0235
57.087	479.6768	1.0235
57.65	483.259	1.0329
57.995	483.259	1.0383
58.194	485.6012	1.0437
58.715	489.1835	1.0491
59.249	492.7657	1.0572
59.448	492.7657	1.0599
59.526	492.7657	1.0599
59.995	493.3857	1.068
60.169	497.0369	1.0721
60.715	500.5502	1.0775
60.943	500.5502	1.0829
61.05	500.5502	1.0829
61.178	500.5502	1.0842
61.265	500.5502	1.0856
61.737	504.1325	1.0923
61.995	506.2681	1.0977
62.66	509.7814	1.1058
63.161	513.3637	1.1126
63.248	513.3637	1.1166
63.397	513.3637	1.1166
63.837	516.9459	1.1261

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.24	305.2949	2.0321
139.6	306.7357	2.0388
139.66	306.7357	2.0402
139.7	306.7357	2.0415
139.72	306.7357	2.0415
139.74	306.7357	2.0429
139.76	306.7357	2.0429
139.77	306.7357	2.0429
139.79	306.7357	2.0429
139.8	306.7357	2.0429
139.82	306.7357	2.0442
139.84	306.7357	2.0442
139.86	306.7357	2.0442
139.87	306.7357	2.0456
139.89	306.7357	2.0415
139.93	306.7357	2.0429
139.99	306.7357	2.0415
140.01	306.7357	2.0429
140.03	306.7357	2.0402
140.04	306.7357	2.0415
140.05	306.7357	2.0415
140.06	306.7357	2.0415
140.07	306.7357	2.0415
140.08	306.7357	2.0388
140.08	306.7357	2.0388
140.09	306.7357	2.0388
140.1	306.7357	2.0388
140.1	306.7357	2.0388
140.11	306.7357	2.0402
140.12	306.7357	2.0415
140.13	307.8939	2.0415
140.15	309.3629	2.0456
140.42	309.3629	2.0496
140.42	309.3629	2.0483
140.42	309.3629	2.0496
140.42	309.3629	2.0496
140.43	309.3629	2.051
140.45	309.3629	2.051
140.51	309.3629	2.051
141	309.3629	2.0591
141.24	309.3629	2.0618
141.47	309.3629	2.0645
141.69	309.3629	2.0699
141.73	309.3629	2.0712
141.75	309.3629	2.0726
141.77	309.3629	2.0712
141.79	309.3629	2.0726
141.81	309.3629	2.0726
141.83	309.3629	2.0726
141.86	309.3629	2.0726
141.89	309.3629	2.0699
141.97	309.3629	2.0712
141.98	309.3629	2.0685
141.99	309.3629	2.0685

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
179.07	908.1931	2.6248
179.1	908.1931	2.6248
179.17	908.1931	2.6181
179.18	908.1931	2.6181
179.19	908.1931	2.6181
179.2	908.1931	2.6194
179.2	908.1931	2.6167
179.21	908.1931	2.6167
179.22	908.1931	2.6181
179.22	908.1931	2.6167
179.23	908.1931	2.614
179.24	908.1931	2.6167
179.24	908.1931	2.6167
179.25	908.1931	2.6167
179.25	908.1931	2.614
179.26	908.1931	2.6154
179.26	908.1931	2.614
179.27	908.1931	2.6181
179.27	908.1931	2.6154
179.28	908.1931	2.6194
179.28	908.1931	2.6194
179.29	908.1931	2.6221
179.3	908.1931	2.6235
179.31	912.3961	2.6235
179.34	916.9493	2.6248
179.59	916.9493	2.6302
179.97	916.9493	2.6356
179.99	916.9493	2.6343
180.11	916.9493	2.637
180.37	916.9493	2.6424
180.86	916.9493	2.6518
180.88	916.9493	2.6505
180.89	916.9493	2.6518
180.91	916.9493	2.6532
180.92	916.9493	2.6518
180.94	916.9493	2.6532
180.95	916.9493	2.6518
180.97	916.9493	2.6545
180.98	916.9493	2.6559
180.99	916.9493	2.6518
181.01	916.9493	2.6559
181.02	916.9493	2.6572
181.03	916.9493	2.6559
181.04	916.9493	2.6572
181.05	916.9493	2.6572
181.06	916.9493	2.6545
181.07	916.9493	2.6545
181.09	916.9493	2.6559
181.1	916.9493	2.6572
181.11	916.9493	2.6532
181.15	916.9493	2.6518
181.21	916.9493	2.6491
181.22	916.9493	2.6505
181.24	916.9493	2.6505

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
108.45	450.3753	1.6108
108.46	450.3753	1.6108
108.47	450.3753	1.6122
108.48	450.3753	1.6122
108.49	450.3753	1.6122
108.49	450.3753	1.6122
108.5	450.3753	1.6122
108.51	450.3753	1.6135
108.52	450.3753	1.6135
108.53	450.3753	1.6135
108.53	450.3753	1.6135
108.54	450.3753	1.6135
108.55	450.3753	1.6122
108.55	450.3753	1.6135
108.56	450.3753	1.6135
108.57	450.3753	1.6135
108.57	450.3753	1.6149
108.58	450.3753	1.6135
108.59	450.3753	1.6135
108.6	450.3753	1.6135
108.6	450.3753	1.6135
108.61	450.3753	1.6122
108.62	450.3753	1.6122
108.64	450.3753	1.6122
108.66	450.3753	1.6108
108.7	450.3753	1.6095
108.72	450.3753	1.6054
108.73	450.3753	1.6041
108.74	450.3753	1.6068
108.75	450.3753	1.6054
108.75	450.3753	1.6054
108.76	450.3753	1.6041
108.77	450.3753	1.6041
108.77	450.3753	1.6041
108.78	450.3753	1.6054
108.78	450.3753	1.6027
108.78	450.3753	1.6014
108.79	450.3753	1.6041
108.79	450.3753	1.6027
108.8	450.3753	1.6041
108.8	450.3753	1.6041
108.8	450.3753	1.6027
108.81	450.3753	1.6041
108.81	450.3753	1.6041
108.82	450.3753	1.6014
108.82	450.3753	1.6027
108.82	450.3753	1.6027
108.83	450.3753	1.6041
108.83	450.3753	1.6041
108.83	450.3753	1.6041
108.84	450.3753	1.6054
108.84	450.3753	1.6068
108.85	452.4368	1.6081
108.86	454.5387	1.6095

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.995	516.9459	1.1261
64.576	519.7704	1.1328
65.138	523.3526	1.1409
65.847	526.866	1.1517
65.995	527.5549	1.1544
66.353	527.5549	1.1612
66.372	527.5549	1.1625
66.444	527.5549	1.1652
66.456	527.5549	1.1639
66.468	527.5549	1.1666
66.481	527.5549	1.1666
66.486	527.5549	1.1666
66.496	527.5549	1.1666
66.505	527.5549	1.1652
66.523	527.5549	1.1666
66.534	527.5549	1.1679
66.542	527.5549	1.1679
66.548	527.5549	1.1679
66.557	527.5549	1.1706
66.566	527.5549	1.1693
66.574	527.5549	1.1679
66.58	527.5549	1.1679
66.59	527.5549	1.1666
66.603	527.5549	1.1666
66.617	527.5549	1.1666
66.629	527.5549	1.1666
66.711	527.5549	1.1652
66.733	527.5549	1.1571
66.743	527.5549	1.1598
66.747	527.5549	1.1571
66.754	527.5549	1.1612
66.758	527.5549	1.1598
66.766	527.5549	1.1612
66.774	527.5549	1.1625
66.784	527.5549	1.1598
66.789	527.5549	1.1585
66.796	527.5549	1.1612
66.8	527.5549	1.1625
66.807	527.5549	1.1612
66.815	527.5549	1.1612
66.821	527.5549	1.1585
66.827	527.5549	1.1598
66.833	527.5549	1.1612
66.837	527.5549	1.1625
66.846	527.5549	1.1639
66.856	527.5549	1.1639
66.869	527.5549	1.1652
66.929	530.8616	1.1679
67.033	534.4438	1.1679
67.117	538.095	1.1693
67.314	538.095	1.1747
67.468	538.095	1.1828
67.477	538.095	1.1787
67.488	538.095	1.1801

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
142	309.3629	2.0685
142.01	309.3629	2.0685
142.02	309.3629	2.0685
142.02	309.3629	2.0685
142.03	309.3629	2.0672
142.04	309.3629	2.0672
142.05	309.3629	2.0685
142.06	309.3629	2.0726
142.09	309.3629	2.0739
142.22	309.3629	2.0753
142.88	309.5324	2.0847
143.21	310.9731	2.0901
143.69	310.9731	2.0982
143.72	310.9731	2.1009
143.75	310.9731	2.0996
143.77	310.9731	2.1009
143.79	310.9731	2.1009
143.82	310.9731	2.1023
143.84	310.9731	2.1009
143.86	310.9731	2.1023
143.89	310.9731	2.0982
143.97	310.9731	2.0996
143.99	310.9731	2.0982
144	310.9731	2.0982
144.01	310.9731	2.0982
144.02	310.9731	2.0969
144.02	310.9731	2.0969
144.03	310.9731	2.0969
144.04	310.9731	2.0955
144.05	310.9731	2.0969
144.06	312.3009	2.0982
144.07	313.7699	2.1009
144.13	315.2106	2.1036
144.58	315.2106	2.1104
144.64	315.2106	2.109
145.1	316.6231	2.1171
145.44	318.0921	2.1225
145.68	318.0921	2.1266
145.74	318.0921	2.1293
145.76	318.0921	2.1307
145.78	318.0921	2.1293
145.82	318.0921	2.1293
145.88	318.0921	2.1266
145.95	318.0921	2.1266
145.96	318.0921	2.1266
145.97	318.0921	2.1266
145.97	318.0921	2.1253
145.98	318.0921	2.1253
145.99	318.0921	2.1253
146.01	319.3351	2.1293
146.13	320.7758	2.132
146.48	320.7758	2.1374
147.25	320.7758	2.1496
147.81	320.7758	2.1577

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.25	916.9493	2.6491
181.26	916.9493	2.6478
181.27	916.9493	2.6464
181.28	916.9493	2.6478
181.29	916.9493	2.6464
181.3	916.9493	2.6478
181.3	916.9493	2.6451
181.31	916.9493	2.6464
181.32	916.9493	2.6491
181.32	916.9493	2.6451
181.33	916.9493	2.6464
181.34	916.9493	2.6491
181.34	916.9493	2.6464
181.35	916.9493	2.6505
181.35	916.9493	2.6505
181.36	916.9493	2.6491
181.37	916.9493	2.6532
181.49	916.9493	2.6586
181.6	916.9493	2.6599
181.83	916.9493	2.6653
181.99	916.9493	2.664
182.21	916.9493	2.6694
182.31	916.9493	2.668
182.61	916.9493	2.6748
182.89	916.9493	2.6815
182.9	916.9493	2.6815
182.92	916.9493	2.6829
182.94	916.9493	2.6829
182.95	916.9493	2.6829
182.96	916.9493	2.6829
182.97	916.9493	2.6815
182.98	916.9493	2.6856
182.99	916.9493	2.6842
183	916.9493	2.6856
183.01	916.9493	2.6869
183.02	916.9493	2.6869
183.03	916.9493	2.6869
183.04	916.9493	2.6869
183.04	916.9493	2.6842
183.05	916.9493	2.6829
183.06	916.9493	2.6829
183.08	916.9493	2.6856
183.09	916.9493	2.6842
183.17	916.9493	2.6775
183.18	916.9493	2.6775
183.19	916.9493	2.6788
183.2	916.9493	2.6775
183.21	916.9493	2.6761
183.22	916.9493	2.6734
183.23	916.9493	2.6734
183.23	916.9493	2.6761
183.24	916.9493	2.6734
183.24	916.9493	2.6748
183.25	916.9493	2.6748

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
108.87	456.6406	1.6122
109.42	458.7021	1.6203
109.8	460.804	1.6257
109.87	460.804	1.6284
109.92	460.804	1.627
109.99	460.804	1.627
110.24	462.8655	1.6324
110.44	462.8655	1.6392
110.45	462.8655	1.6392
110.46	462.8655	1.6392
110.47	462.8655	1.6405
110.48	462.8655	1.6405
110.49	462.8655	1.6392
110.5	462.8655	1.6405
110.51	462.8655	1.6419
110.52	462.8655	1.6419
110.53	462.8655	1.6405
110.53	462.8655	1.6419
110.54	462.8655	1.6419
110.55	462.8655	1.6419
110.55	462.8655	1.6419
110.56	462.8655	1.6432
110.57	462.8655	1.6432
110.58	462.8655	1.6432
110.58	462.8655	1.6432
110.59	462.8655	1.6419
110.59	462.8655	1.6446
110.6	462.8655	1.6432
110.61	462.8655	1.6419
110.62	462.8655	1.6419
110.62	462.8655	1.6405
110.64	462.8655	1.6419
110.65	462.8655	1.6419
110.67	462.8655	1.6405
110.7	462.8655	1.6378
110.73	462.8655	1.6365
110.74	462.8655	1.6351
110.75	462.8655	1.6351
110.76	462.8655	1.6365
110.76	462.8655	1.6351
110.77	462.8655	1.6338
110.78	462.8655	1.6338
110.78	462.8655	1.6324
110.79	462.8655	1.6338
110.79	462.8655	1.6338
110.8	462.8655	1.6324
110.8	462.8655	1.6324
110.8	462.8655	1.6324
110.81	462.8655	1.6338
110.81	462.8655	1.6324
110.82	462.8655	1.6311
110.82	462.8655	1.6324
110.82	462.8655	1.6297
110.83	462.8655	1.6338

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
67.501	538.095	1.1828
67.509	538.095	1.1814
67.52	538.095	1.1814
67.53	538.095	1.1814
67.541	538.095	1.1828
67.551	538.095	1.1841
67.56	538.095	1.1841
67.568	538.095	1.1828
67.574	538.095	1.1841
67.581	538.095	1.1841
67.589	538.095	1.1841
67.594	538.095	1.1828
67.601	538.095	1.1855
67.61	538.095	1.1828
67.619	538.095	1.1828
67.624	538.095	1.1828
67.634	538.095	1.1828
67.65	538.095	1.1801
67.749	538.095	1.176
67.758	538.095	1.176
67.763	538.095	1.1733
67.77	538.095	1.1747
67.777	538.095	1.1747
67.781	538.095	1.1733
67.789	538.095	1.172
67.793	538.095	1.172
67.799	538.095	1.1706
67.803	538.095	1.1733
67.809	538.095	1.172
67.812	538.095	1.1733
67.817	538.095	1.1733
67.821	538.095	1.1733
67.826	538.095	1.1733
67.83	538.095	1.172
67.834	538.095	1.172
67.84	538.095	1.1733
67.844	538.095	1.1747
67.851	538.095	1.1774
67.859	538.095	1.1774
67.87	538.095	1.1801
67.885	541.6083	1.1814
67.994	541.6083	1.1841
68.482	541.6083	1.1963
68.492	541.6083	1.1949
68.502	541.6083	1.1963
68.512	541.6083	1.1976
68.522	541.6083	1.1963
68.529	541.6083	1.1963
68.535	541.6083	1.1976
68.543	541.6083	1.1963
68.552	541.6083	1.1976
68.561	541.6083	1.1976
68.566	541.6083	1.2003
68.574	541.6083	1.199

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
147.89	320.7758	2.155
147.89	322.16	2.155
147.99	323.629	2.159
148.24	325.0698	2.1631
148.57	326.5105	2.1698
148.98	327.9512	2.1739
149.29	329.392	2.1793
149.69	329.392	2.1847
149.73	329.392	2.1874
149.75	329.392	2.1874
149.77	329.392	2.1874
149.79	329.392	2.1874
149.8	329.392	2.1887
149.82	329.392	2.1874
149.85	329.392	2.1901
149.87	329.392	2.1874
149.93	329.392	2.186
149.97	329.392	2.186
149.99	329.392	2.186
149.99	329.392	2.1847
150	329.392	2.186
150.01	329.392	2.1847
150.02	329.392	2.1847
150.03	329.392	2.1847
150.04	329.392	2.1847
150.04	329.392	2.1847
150.05	329.392	2.1847
150.06	329.4767	2.1847
150.07	330.9175	2.1874
150.08	332.3864	2.1887
150.15	333.8272	2.1914
150.94	335.2679	2.2009
151.39	336.7087	2.209
151.75	336.7087	2.2157
151.9	336.7087	2.2144
151.95	338.1494	2.2144
151.97	339.5901	2.2157
151.99	339.9856	2.2171
152.31	341.4264	2.2211
152.85	342.8671	2.2292
153.23	344.3078	2.236
153.74	344.3078	2.2441
153.85	344.3078	2.2441
153.91	345.7203	2.2468
153.99	347.1893	2.2454
153.99	347.3023	2.2454
154.31	348.743	2.2522
154.37	348.743	2.2508
154.44	348.743	2.2522
154.7	350.1838	2.2576
155.11	351.6245	2.2616
155.59	353.037	2.2697
155.68	353.037	2.2711
155.8	353.037	2.2738

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.26	916.9493	2.6734
183.26	916.9493	2.6748
183.27	916.9493	2.6734
183.27	916.9493	2.6775
183.28	916.9493	2.6748
183.29	916.9493	2.6761
183.29	916.9493	2.6775
183.3	916.9493	2.6775
183.31	916.9493	2.6802
183.32	916.9493	2.6815
183.34	916.9493	2.6829
183.43	916.9493	2.6869
183.99	916.9493	2.6923
184.88	916.9493	2.7085
184.91	916.9493	2.7099
184.93	916.9493	2.7099
184.95	916.9493	2.7112
184.97	916.9493	2.7126
184.98	916.9493	2.7126
185	916.9493	2.7112
185.02	916.9493	2.7112
185.03	916.9493	2.7126
185.04	916.9493	2.7139
185.06	916.9493	2.7126
185.07	916.9493	2.7153
185.09	916.9493	2.7153
185.1	916.9493	2.7126
185.12	916.9493	2.7112
185.15	916.9493	2.7153
185.22	916.9493	2.7085
185.24	916.9493	2.7085
185.26	916.9493	2.7085
185.27	916.9493	2.7072
185.29	916.9493	2.7058
185.3	916.9493	2.7058
185.31	916.9493	2.7058
185.31	916.9493	2.7058
185.32	916.9493	2.7058
185.33	916.9493	2.7085
185.34	916.9493	2.7045
185.35	916.9493	2.7031
185.35	916.9493	2.7072
185.36	916.9493	2.7045
185.37	916.9493	2.7045
185.37	916.9493	2.7072
185.38	916.9493	2.7085
185.38	916.9493	2.7112
185.39	916.9493	2.7139
185.98	916.9493	2.7234
186.88	916.9493	2.7396
186.9	916.9493	2.7396
186.92	916.9493	2.7396
186.94	916.9493	2.7423
186.96	916.9493	2.741

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
110.83	462.8655	1.6338
110.83	462.8655	1.6338
110.84	462.8655	1.6324
110.84	462.8655	1.6324
110.84	462.8655	1.6338
110.85	462.8655	1.6351
110.85	462.8655	1.6365
110.86	464.927	1.6378
110.87	467.0289	1.6392
110.88	469.1308	1.6405
111.06	471.2327	1.6432
111.11	471.2327	1.6459
111.48	471.2327	1.65
111.55	471.2327	1.65
111.6	471.2327	1.6527
111.85	473.2538	1.6581
111.89	473.2538	1.6581
111.98	473.2538	1.6581
111.99	473.2538	1.6567
112.22	474.7898	1.6608
112.43	474.7898	1.6662
112.44	474.7898	1.6675
112.46	474.7898	1.6689
112.47	474.7898	1.6675
112.49	474.7898	1.6689
112.5	474.7898	1.6689
112.51	474.7898	1.6702
112.52	474.7898	1.6702
112.53	474.7898	1.6702
112.54	474.7898	1.6702
112.55	474.7898	1.6716
112.56	474.7898	1.6716
112.56	474.7898	1.6702
112.57	474.7898	1.6716
112.58	474.7898	1.6716
112.59	474.7898	1.6716
112.6	474.7898	1.6702
112.6	474.7898	1.6716
112.61	474.7898	1.6716
112.62	474.7898	1.6716
112.63	474.7898	1.6716
112.64	474.7898	1.6716
112.65	474.7898	1.6716
112.66	474.7898	1.6716
112.67	474.7898	1.6675
112.74	474.7898	1.6662
112.75	474.7898	1.6675
112.76	474.7898	1.6662
112.77	474.7898	1.6662
112.78	474.7898	1.6648
112.79	474.7898	1.6648
112.8	474.7898	1.6662
112.81	474.7898	1.6662
112.81	474.7898	1.6635

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
68.581	541.6083	1.199
68.585	541.6083	1.2003
68.592	541.6083	1.2003
68.597	541.6083	1.2003
68.604	541.6083	1.199
68.609	541.6083	1.1976
68.615	541.6083	1.199
68.624	541.6083	1.1976
68.634	541.6083	1.1963
68.655	541.6083	1.1949
68.739	541.6083	1.1936
68.753	541.6083	1.1922
68.771	541.6083	1.1909
68.777	541.6083	1.1895
68.784	541.6083	1.1895
68.792	541.6083	1.1882
68.796	541.6083	1.1882
68.802	541.6083	1.1882
68.806	541.6083	1.1868
68.813	541.6083	1.1868
68.816	541.6083	1.1855
68.821	541.6083	1.1855
68.824	541.6083	1.1855
68.828	541.6083	1.1855
68.832	541.6083	1.1855
68.835	541.6083	1.1855
68.839	541.6083	1.1895
68.844	541.6083	1.1895
68.85	541.6083	1.1895
68.856	541.6083	1.1895
68.865	541.6083	1.1922
68.874	541.6083	1.1922
68.886	543.675	1.1936
69.497	543.675	1.2098
69.514	543.675	1.2084
69.527	543.675	1.2098
69.543	543.675	1.2071
69.565	543.675	1.2111
69.576	543.675	1.2098
69.587	543.675	1.2111
69.597	543.675	1.2125
69.607	543.675	1.2111
69.616	543.675	1.2111
69.625	543.675	1.2111
69.631	543.675	1.2138
69.64	543.675	1.2125
69.649	543.675	1.2138
69.66	543.675	1.2138
69.668	543.675	1.2125
69.677	543.675	1.2125
69.683	543.675	1.2138
69.692	543.675	1.2125
69.702	543.675	1.2125
69.72	543.675	1.2098

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
155.89	353.037	2.2711
155.9	353.037	2.2738
155.95	354.4777	2.2751
155.99	355.3535	2.2751
156.47	356.7942	2.2832
156.95	358.235	2.2886
157.25	359.6757	2.2927
157.74	359.6757	2.3008
157.89	359.6757	2.2994
157.9	361.0882	2.3048
157.96	362.5572	2.3035
157.99	362.5572	2.3048
158.36	363.9132	2.3089
158.9	365.3539	2.3156
159.15	366.7946	2.3197
159.59	368.2071	2.3278
159.66	368.2071	2.3318
159.73	368.2071	2.3318
159.75	368.2071	2.3305
159.82	368.2071	2.3318
159.93	368.2071	2.3291
159.94	368.2071	2.3278
159.95	368.2071	2.3278
159.96	368.2071	2.3291
159.98	369.6761	2.3305
159.99	370.1281	2.3332
160.61	371.5688	2.3426
161.22	372.9813	2.3507
161.58	374.4503	2.3548
161.69	374.4503	2.3602
161.74	374.4503	2.3602
161.77	374.4503	2.3602
161.8	374.4503	2.3588
161.87	374.4503	2.3615
161.94	374.4503	2.3588
161.95	374.4503	2.3588
161.96	374.4503	2.3588
161.97	374.4503	2.3561
161.98	374.4503	2.3575
161.99	375.4956	2.3602
162.04	376.9363	2.3629
162.5	378.377	2.3696
162.85	379.8178	2.375
163.3	381.2302	2.3818
163.75	381.2302	2.3899
163.81	381.2302	2.3899
163.9	381.2302	2.3872
163.92	381.2302	2.3885
163.94	382.671	2.3885
163.97	384.14	2.3899
163.99	384.4225	2.3912
164.18	385.8632	2.3939
164.25	385.8632	2.3953
164.48	385.8632	2.398

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
186.97	916.9493	2.7423
186.98	916.9493	2.7423
186.99	916.9493	2.7423
187	916.9493	2.7437
187.01	916.9493	2.7437
187.02	916.9493	2.7437
187.03	916.9493	2.745
187.04	916.9493	2.7437
187.05	916.9493	2.7437
187.06	916.9493	2.7437
187.07	916.9493	2.745
187.08	916.9493	2.7437
187.09	916.9493	2.7423
187.12	916.9493	2.7423
187.18	916.9493	2.7356
187.19	916.9493	2.7369
187.21	916.9493	2.7342
187.22	916.9493	2.7356
187.23	916.9493	2.7328
187.24	916.9493	2.7342
187.25	916.9493	2.7356
187.25	916.9493	2.7328
187.26	916.9493	2.7315
187.27	916.9493	2.7356
187.27	916.9493	2.7315
187.28	916.9493	2.7356
187.28	916.9493	2.7315
187.29	916.9493	2.7342
187.29	916.9493	2.7328
187.3	916.9493	2.7342
187.31	916.9493	2.7369
187.31	916.9493	2.7328
187.32	916.9493	2.7369
187.33	916.9493	2.7396
187.34	916.9493	2.7396
187.98	916.9493	2.7504
188.89	916.9493	2.768
188.9	916.9493	2.7707
188.92	916.9493	2.7693
188.94	916.9493	2.7707
188.95	916.9493	2.772
188.96	916.9493	2.772
188.97	916.9493	2.772
188.98	916.9493	2.7734
188.99	916.9493	2.772
189	916.9493	2.772
189	916.9493	2.772
189.01	916.9493	2.772
189.02	916.9493	2.7734
189.03	916.9493	2.7747
189.04	916.9493	2.7734
189.04	916.9493	2.7707
189.06	916.9493	2.772
189.06	916.9493	2.7707

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
112.82	474.7898	1.6635
112.82	474.7898	1.6648
112.83	474.7898	1.6648
112.84	474.7898	1.6648
112.84	474.7898	1.6635
112.85	474.7898	1.6635
112.85	474.7898	1.6635
112.86	474.7898	1.6621
112.86	474.7898	1.6621
112.86	474.7898	1.6621
112.87	474.7898	1.6635
112.87	474.7898	1.6621
112.88	474.7898	1.6648
112.88	474.7898	1.6635
112.88	474.7898	1.6635
112.89	474.9111	1.6662
112.9	477.013	1.6662
112.9	479.1149	1.6675
112.91	481.1764	1.6702
112.94	483.2783	1.6716
113.1	483.2783	1.6743
113.18	483.2783	1.6743
113.38	483.2783	1.6783
113.44	483.2783	1.6797
113.74	485.3398	1.6837
113.79	485.3398	1.6851
113.96	485.3398	1.6864
113.99	485.744	1.6864
114.28	487.8055	1.6918
114.43	487.8055	1.6959
114.44	487.8055	1.6972
114.45	487.8055	1.6972
114.46	487.8055	1.6972
114.47	487.8055	1.6972
114.49	487.8055	1.6972
114.5	487.8055	1.6972
114.51	487.8055	1.6999
114.52	487.8055	1.7013
114.52	487.8055	1.7013
114.53	487.8055	1.6986
114.54	487.8055	1.7013
114.54	487.8055	1.7013
114.55	487.8055	1.6999
114.56	487.8055	1.7026
114.56	487.8055	1.6999
114.57	487.8055	1.7013
114.57	487.8055	1.7013
114.58	487.8055	1.7013
114.59	487.8055	1.6999
114.59	487.8055	1.6999
114.6	487.8055	1.7013
114.61	487.8055	1.7013
114.62	487.8055	1.7013
114.62	487.8055	1.6986

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.797	543.675	1.2057
69.808	543.675	1.2044
69.817	543.675	1.2057
69.826	543.675	1.2071
69.832	543.675	1.2044
69.839	543.675	1.203
69.847	543.675	1.2044
69.851	543.675	1.203
69.858	543.675	1.203
69.862	543.675	1.2044
69.869	543.675	1.203
69.874	543.675	1.203
69.879	543.675	1.203
69.884	543.675	1.2057
69.89	543.675	1.203
69.895	543.675	1.2044
69.9	543.675	1.203
69.905	543.675	1.203
69.91	543.675	1.203
69.918	543.675	1.2057
69.923	544.0883	1.2071
69.933	547.6706	1.2111
69.994	550.5639	1.2152
70.17	550.5639	1.2152
70.751	550.5639	1.2247
71.526	550.5639	1.2382
71.543	550.5639	1.2368
71.555	550.5639	1.2382
71.567	550.5639	1.2395
71.584	550.5639	1.2395
71.594	550.5639	1.2395
71.605	550.5639	1.2422
71.615	550.5639	1.2409
71.623	550.5639	1.2409
71.629	550.5639	1.2409
71.638	550.5639	1.2436
71.647	550.5639	1.2422
71.656	550.5639	1.2422
71.665	550.5639	1.2422
71.669	550.5639	1.2422
71.677	550.5639	1.2422
71.686	550.5639	1.2422
71.696	550.5639	1.2422
71.702	550.5639	1.2409
71.709	550.5639	1.2422
71.721	550.5639	1.2395
71.807	550.5639	1.2341
71.816	550.5639	1.2341
71.825	550.5639	1.2328
71.833	550.5639	1.2355
71.837	550.5639	1.2328
71.845	550.5639	1.2341
71.851	550.5639	1.2314
71.856	550.5639	1.2341

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
164.76	387.2757	2.4034
164.83	387.2757	2.4034
165.17	387.2757	2.4088
165.2	387.2757	2.4088
165.27	387.2757	2.4101
165.33	387.2757	2.4115
165.44	387.2757	2.4128
165.65	387.2757	2.4155
165.79	387.2757	2.4182
165.84	387.2757	2.4182
165.94	387.2757	2.4182
165.96	387.2757	2.4196
165.99	387.2757	2.4209
166.31	387.2757	2.425
166.6	387.2757	2.4291
166.82	387.2757	2.4331
167.12	387.2757	2.4358
167.34	387.3322	2.4399
167.75	387.3322	2.448
167.82	387.3322	2.4466
167.9	387.3322	2.4466
167.92	387.3322	2.4439
167.93	388.7729	2.448
167.95	390.2137	2.448
167.99	390.8917	2.4493
168.26	392.3324	2.4534
168.66	393.7731	2.4588
168.98	395.2139	2.4628
169.41	396.6546	2.4696
169.9	398.0671	2.479
169.98	399.5361	2.4777
169.99	399.5361	2.479
170.5	400.5531	2.4871
171.19	401.9656	2.4952
171.61	403.4063	2.502
171.66	403.4063	2.5047
171.73	403.4063	2.5047
171.76	403.4063	2.5047
171.81	403.4063	2.5047
171.92	403.4063	2.5033
171.93	403.4063	2.502
171.94	403.4063	2.5033
171.96	403.4063	2.5033
171.97	404.847	2.506
171.99	405.412	2.5074
172.53	406.8528	2.5155
173.39	408.35	2.5276
173.7	408.35	2.533
173.92	408.35	2.533
173.94	409.7907	2.5344
173.99	410.0732	2.5357
174.55	411.4857	2.5438
174.85	412.9265	2.5479
175.38	414.3389	2.556

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
189.08	916.9493	2.7707
189.09	916.9493	2.7707
189.16	916.9493	2.7639
189.17	916.9493	2.7639
189.18	916.9493	2.7639
189.19	916.9493	2.7639
189.2	916.9493	2.7626
189.21	916.9493	2.7626
189.22	916.9493	2.7626
189.23	916.9493	2.7639
189.23	916.9493	2.7599
189.24	916.9493	2.7612
189.24	916.9493	2.7639
189.25	916.9493	2.7599
189.26	916.9493	2.7626
189.26	916.9493	2.7599
189.27	916.9493	2.7612
189.27	916.9493	2.7612
189.28	916.9493	2.7626
189.28	916.9493	2.7626
189.29	916.9493	2.7639
189.29	916.9493	2.7666
189.3	916.9493	2.768
189.31	916.9493	2.768
189.98	916.9493	2.7788
190.03	916.9493	2.7815
190.1	916.9493	2.7828
190.18	916.9493	2.7828
190.25	916.9493	2.7828
190.88	916.9493	2.7963
190.92	916.9493	2.795
190.94	916.9493	2.7963
190.96	916.9493	2.7977
190.98	916.9493	2.7963
191	916.9493	2.7977
191.02	916.9493	2.7977
191.04	916.9493	2.8004
191.05	916.9493	2.799
191.07	916.9493	2.8017
191.08	916.9493	2.8004
191.1	916.9493	2.8017
191.11	916.9493	2.799
191.14	916.9493	2.8017
191.16	916.9493	2.7977
191.26	916.9493	2.7963
191.29	916.9493	2.7963
191.3	916.9493	2.799
191.32	916.9493	2.7963
191.33	916.9493	2.795
191.34	916.9493	2.7963
191.35	916.9493	2.7936
191.36	916.9493	2.7936
191.37	916.9493	2.7936
191.38	916.9493	2.7923

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
114.63	487.8055	1.6999
114.64	487.8055	1.6986
114.66	487.8055	1.6986
114.73	487.8055	1.6932
114.74	487.8055	1.6932
114.74	487.8055	1.6932
114.75	487.8055	1.6918
114.76	487.8055	1.6932
114.76	487.8055	1.6905
114.77	487.8055	1.6932
114.77	487.8055	1.6918
114.78	487.8055	1.6918
114.78	487.8055	1.6905
114.79	487.8055	1.6918
114.79	487.8055	1.6918
114.8	487.8055	1.6905
114.8	487.8055	1.6905
114.81	487.8055	1.6891
114.81	487.8055	1.6918
114.81	487.8055	1.6891
114.82	487.8055	1.6878
114.82	487.8055	1.6891
114.83	487.8055	1.6891
114.83	487.8055	1.6891
114.83	487.8055	1.6905
114.83	487.8055	1.6918
114.84	487.8055	1.6905
114.84	487.8055	1.6918
114.85	487.8055	1.6945
114.85	487.8055	1.6945
114.86	488.2097	1.6945
114.87	490.3116	1.6972
114.88	492.4135	1.6986
115.02	494.475	1.704
115.27	494.475	1.7053
115.34	494.475	1.7067
115.43	494.475	1.708
115.47	494.475	1.708
115.7	496.5365	1.7121
115.87	496.5365	1.7134
115.89	496.5365	1.7148
115.99	496.5365	1.7161
116.16	498.0321	1.7188
116.44	498.0321	1.7269
116.46	498.0321	1.7269
116.47	498.0321	1.7256
116.49	498.0321	1.7256
116.5	498.0321	1.7283
116.51	498.0321	1.7283
116.52	498.0321	1.7283
116.53	498.0321	1.7283
116.53	498.0321	1.7296
116.54	498.0321	1.7283
116.55	498.0321	1.7283

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
71.861	550.5639	1.2341
71.866	550.5639	1.2314
71.872	550.5639	1.2314
71.877	550.5639	1.2301
71.881	550.5639	1.2314
71.886	550.5639	1.2314
71.889	550.5639	1.2314
71.895	550.5639	1.2328
71.898	550.5639	1.2301
71.903	550.5639	1.2341
71.908	550.5639	1.2341
71.916	550.5639	1.2355
71.926	550.9084	1.2355
71.936	554.4906	1.2382
71.948	558.0729	1.2409
71.994	558.5551	1.2422
72.526	558.5551	1.2544
72.535	558.5551	1.253
72.542	558.5551	1.253
72.551	558.5551	1.2544
72.564	558.5551	1.2544
72.57	558.5551	1.2544
72.58	558.5551	1.2557
72.589	558.5551	1.2557
72.599	558.5551	1.2557
72.607	558.5551	1.2571
72.615	558.5551	1.2571
72.622	558.5551	1.2584
72.629	558.5551	1.2571
72.635	558.5551	1.2571
72.641	558.5551	1.2584
72.648	558.5551	1.2571
72.652	558.5551	1.2598
72.66	558.5551	1.2571
72.666	558.5551	1.2557
72.672	558.5551	1.2557
72.682	558.5551	1.2557
72.7	558.5551	1.2544
72.723	558.5551	1.253
72.78	558.5551	1.2503
72.788	558.5551	1.2517
72.81	558.5551	1.2463
72.819	558.5551	1.2476
72.825	558.5551	1.2476
72.83	558.5551	1.2476
72.836	558.5551	1.2463
72.841	558.5551	1.2463
72.847	558.5551	1.2476
72.851	558.5551	1.2436
72.857	558.5551	1.2463
72.86	558.5551	1.2449
72.865	558.5551	1.2436
72.87	558.5551	1.2449
72.872	558.5551	1.2436

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
175.89	415.7797	2.5641
175.95	417.2204	2.5641
175.99	417.5029	2.5654
176.37	418.9437	2.5695
176.72	418.9437	2.5762
176.77	418.9437	2.5749
176.93	420.3561	2.5789
177.25	421.7969	2.5843
177.74	421.7969	2.5911
177.85	421.7969	2.5924
177.9	423.2094	2.5938
177.97	424.6784	2.5924
177.99	425.0456	2.5951
179.11	426.5428	2.61
179.6	427.9553	2.6181
179.65	427.9553	2.6194
179.7	427.9553	2.6194
179.73	427.9553	2.6221
179.75	427.9553	2.6208
179.79	427.9553	2.6221
179.84	427.9553	2.6221
179.94	427.9553	2.6181
179.95	427.9553	2.6181
179.95	427.9553	2.6181
179.96	427.9553	2.6194
179.98	427.9553	2.6194
179.99	427.9553	2.6208
180	429.1136	2.6235
180.04	430.5543	2.6235
180.55	431.9668	2.6316
181.03	433.4075	2.6383
181.58	434.82	2.6451
181.69	434.82	2.6491
181.73	434.82	2.6505
181.78	434.82	2.6505
181.91	434.82	2.6464
181.92	434.82	2.6478
181.94	434.82	2.6505
181.95	436.2607	2.6518
181.98	437.7015	2.6518
181.99	437.7015	2.6518
182.44	439.114	2.6599
182.96	440.5547	2.6667
183.19	441.9954	2.6694
183.33	443.4362	2.6721
183.41	443.4362	2.6721
183.46	443.4362	2.6734
183.67	443.4362	2.6775
183.75	443.4362	2.6775
183.87	443.4362	2.6761
183.88	443.4362	2.6788
183.93	444.8769	2.6775
183.96	446.2894	2.6815
183.99	446.2894	2.6815

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
191.39	916.9493	2.795
191.39	916.9493	2.7936
191.4	916.9493	2.7923
191.41	916.9493	2.7963
191.41	916.9493	2.795
191.42	916.9493	2.795
191.43	920.3642	2.7977
191.44	924.9174	2.8004
191.78	924.9174	2.8058
191.98	924.9174	2.8085
192.42	924.9174	2.8166
192.83	924.9174	2.822
192.88	924.9174	2.8247
192.9	924.9174	2.826
192.92	924.9174	2.8274
192.94	924.9174	2.8274
192.95	924.9174	2.8287
192.96	924.9174	2.8274
192.98	924.9174	2.8287
192.99	924.9174	2.8274
193	924.9174	2.8287
193.01	924.9174	2.8301
193.02	924.9174	2.8287
193.03	924.9174	2.8314
193.04	924.9174	2.8287
193.05	924.9174	2.8314
193.06	924.9174	2.8314
193.07	924.9174	2.8314
193.08	924.9174	2.8328
193.09	924.9174	2.8314
193.1	924.9174	2.8287
193.16	924.9174	2.8247
193.19	924.9174	2.8247
193.2	924.9174	2.8247
193.22	924.9174	2.8247
193.23	924.9174	2.822
193.24	924.9174	2.826
193.24	924.9174	2.826
193.24	924.9174	2.826
193.25	924.9174	2.8233
193.25	924.9174	2.822
193.26	924.9174	2.8233
193.27	924.9174	2.8206
193.28	924.9174	2.8206
193.28	924.9174	2.8206
193.29	924.9174	2.8206
193.3	924.9174	2.8193
193.3	924.9174	2.822
193.31	924.9174	2.822
193.32	924.9174	2.822
193.32	924.9174	2.8233
193.33	924.9174	2.826
193.34	924.9174	2.8274
193.98	924.9174	2.8382

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
116.55	498.0321	1.7296
116.56	498.0321	1.7296
116.57	498.0321	1.7296
116.57	498.0321	1.731
116.58	498.0321	1.7296
116.59	498.0321	1.731
116.59	498.0321	1.7296
116.6	498.0321	1.7296
116.61	498.0321	1.731
116.61	498.0321	1.7296
116.62	498.0321	1.731
116.63	498.0321	1.7296
116.63	498.0321	1.7296
116.64	498.0321	1.7283
116.65	498.0321	1.7283
116.67	498.0321	1.7242
116.72	498.0321	1.7215
116.74	498.0321	1.7229
116.75	498.0321	1.7242
116.75	498.0321	1.7215
116.76	498.0321	1.7229
116.77	498.0321	1.7215
116.78	498.0321	1.7215
116.78	498.0321	1.7202
116.79	498.0321	1.7215
116.79	498.0321	1.7229
116.8	498.0321	1.7215
116.8	498.0321	1.7202
116.81	498.0321	1.7215
116.81	498.0321	1.7202
116.82	498.0321	1.7188
116.82	498.0321	1.7215
116.82	498.0321	1.7202
116.83	498.0321	1.7202
116.83	498.0321	1.7188
116.84	498.0321	1.7188
116.84	498.0321	1.7215
116.84	498.0321	1.7229
116.85	498.0321	1.7229
116.86	498.0321	1.7215
116.87	498.0321	1.7202
116.87	498.0321	1.7215
116.87	498.4363	1.7229
116.88	500.5382	1.7256
116.89	502.6401	1.7269
116.9	504.7421	1.7269
116.95	506.8035	1.7296
117.2	506.8035	1.7323
117.25	506.8035	1.7364
117.85	508.865	1.7431
117.99	509.2693	1.7445
118.44	509.2693	1.7526
118.47	509.2693	1.7539
118.49	509.2693	1.7553

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
72.877	558.5551	1.2463
72.881	558.5551	1.2449
72.884	558.5551	1.2436
72.889	558.5551	1.2463
72.893	558.5551	1.2476
72.899	558.5551	1.249
72.903	558.5551	1.2503
72.912	558.6929	1.2517
72.923	562.2751	1.2544
73.732	565.8574	1.2665
73.994	565.8574	1.2692
74.12	566.5463	1.2719
74.547	566.5463	1.2827
74.565	566.5463	1.2814
74.577	566.5463	1.2827
74.589	566.5463	1.2841
74.606	566.5463	1.2841
74.617	566.5463	1.2827
74.628	566.5463	1.2854
74.638	566.5463	1.2827
74.65	566.5463	1.2854
74.662	566.5463	1.2841
74.67	566.5463	1.2854
74.686	566.5463	1.2841
74.694	566.5463	1.2854
74.701	566.5463	1.2868
74.711	566.5463	1.2868
74.72	566.5463	1.2868
74.73	566.5463	1.2868
74.74	566.5463	1.2868
74.749	566.5463	1.2854
74.759	566.5463	1.2841
74.77	566.5463	1.2841
74.835	566.5463	1.2787
74.846	566.5463	1.2787
74.855	566.5463	1.2773
74.879	566.5463	1.2787
74.889	566.5463	1.2787
74.897	566.5463	1.276
74.902	566.5463	1.2787
74.908	566.5463	1.2773
74.913	566.5463	1.276
74.919	566.5463	1.2773
74.925	566.5463	1.276
74.929	566.5463	1.2773
74.933	566.5463	1.276
74.939	566.5463	1.2746
74.943	566.5463	1.2746
74.948	566.5463	1.2773
74.951	566.5463	1.276
74.955	566.5463	1.276
74.96	566.5463	1.2773
74.964	566.5463	1.2773
74.972	566.9596	1.28

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
184.32	447.0521	2.6883
184.62	448.4929	2.6896
185.12	449.9054	2.6977
185.44	451.3461	2.7018
185.67	451.3461	2.7058
185.87	451.3461	2.7072
185.95	452.7586	2.7085
185.98	453.7191	2.7112
186.38	455.1598	2.7153
186.72	456.6006	2.7207
187.18	458.013	2.7274
187.49	459.4255	2.7329
187.7	459.4255	2.7369
187.88	459.4255	2.7369
187.95	460.8663	2.7369
187.98	462.3353	2.7383
187.98	462.3353	2.7396
188.33	463.55	2.7437
188.73	464.9907	2.7491
189	466.4032	2.7545
189.47	467.844	2.7612
189.68	467.844	2.7639
189.78	467.844	2.7666
189.85	467.844	2.7639
189.87	467.844	2.7639
189.95	469.2564	2.7666
189.98	470.0474	2.7666
190.27	471.4599	2.772
190.95	472.9572	2.7815
191.26	474.3979	2.7869
191.7	474.3979	2.795
191.87	474.3979	2.7936
191.93	475.8104	2.7963
191.98	476.5731	2.7963
192.37	478.0139	2.8017
192.86	479.5111	2.8098
192.87	480.9518	2.8125
192.87	482.3926	2.8139
192.87	483.8333	2.8139
192.9	483.8333	2.8139
192.91	483.8333	2.8139
192.92	483.8333	2.8166
192.93	483.8333	2.8152
192.93	483.8333	2.8152
192.94	483.8333	2.8152
192.95	483.8333	2.8152
192.96	483.8333	2.8166
192.96	483.8333	2.8152
192.97	483.8333	2.8179
192.98	483.8333	2.8179
192.98	483.8333	2.8166
192.99	483.8333	2.8179
193	483.8333	2.8166
193	483.8333	2.8179

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
194.65	924.9174	2.8463
194.7	924.9174	2.849
194.78	924.9174	2.8503
194.9	924.9174	2.853
194.94	924.9174	2.8544
194.96	924.9174	2.853
194.98	924.9174	2.8544
195	924.9174	2.8557
195.02	924.9174	2.8584
195.04	924.9174	2.8584
195.05	924.9174	2.8571
195.07	924.9174	2.8584
195.09	924.9174	2.8557
195.21	924.9174	2.8557
195.23	924.9174	2.853
195.25	924.9174	2.8517
195.26	924.9174	2.8517
195.27	924.9174	2.8517
195.28	924.9174	2.849
195.29	924.9174	2.8503
195.3	924.9174	2.8517
195.31	924.9174	2.853
195.31	924.9174	2.853
195.32	924.9174	2.853
195.33	926.4936	2.8557
195.36	930.9592	2.8571
195.48	930.9592	2.8611
195.98	930.9592	2.8679
196.09	930.9592	2.8706
196.48	930.9592	2.8746
196.86	930.9592	2.8814
196.91	930.9592	2.8827
196.95	930.9592	2.8841
196.97	930.9592	2.8827
197	930.9592	2.8841
197.03	930.9592	2.8841
197.05	930.9592	2.8868
197.07	930.9592	2.8868
197.09	930.9592	2.8854
197.19	930.9592	2.8827
197.21	930.9592	2.8814
197.23	930.9592	2.88
197.24	930.9592	2.88
197.25	930.9592	2.8787
197.26	930.9592	2.88
197.27	930.9592	2.88
197.28	930.9592	2.8827
197.29	930.9592	2.8814
197.3	930.9592	2.8841
197.55	930.9592	2.8895
197.98	930.9592	2.8949
198.87	930.9592	2.9111
198.9	930.9592	2.9111
198.93	930.9592	2.9138

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
118.51	509.2693	1.7539
118.53	509.2693	1.7553
118.54	509.2693	1.7566
118.56	509.2693	1.7553
118.57	509.2693	1.7566
118.58	509.2693	1.758
118.6	509.2693	1.7566
118.61	509.2693	1.758
118.62	509.2693	1.758
118.63	509.2693	1.758
118.64	509.2693	1.758
118.65	509.2693	1.758
118.66	509.2693	1.758
118.68	509.2693	1.758
118.69	509.2693	1.7553
118.74	509.2693	1.7539
118.75	509.2693	1.7539
118.77	509.2693	1.7539
118.79	509.2693	1.7553
118.8	509.2693	1.7539
118.81	509.2693	1.7539
118.81	509.2693	1.7526
118.82	509.2693	1.7526
118.83	509.2693	1.7539
118.84	509.2693	1.7526
118.85	509.2693	1.7526
118.85	509.2693	1.7512
118.86	509.2693	1.7526
118.86	509.2693	1.7499
118.87	509.2693	1.7512
118.87	509.2693	1.7512
118.88	509.2693	1.7526
118.89	509.2693	1.7512
118.89	511.3307	1.7526
118.9	513.3922	1.7553
118.91	515.4942	1.7566
118.93	517.5961	1.758
119.91	519.6171	1.7728
119.99	519.6171	1.7742
120.13	521.5574	1.7755
120.42	521.5574	1.7823
120.44	521.5574	1.7836
120.45	521.5574	1.7823
120.47	521.5574	1.7823
120.49	521.5574	1.7823
120.51	521.5574	1.785
120.52	521.5574	1.785
120.53	521.5574	1.7863
120.54	521.5574	1.7863
120.55	521.5574	1.7863
120.56	521.5574	1.7863
120.57	521.5574	1.785
120.58	521.5574	1.785
120.59	521.5574	1.7863

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
74.981	570.5419	1.2814
75.002	574.1241	1.2854
75.559	574.1241	1.2949
75.581	574.1241	1.2949
75.602	574.1241	1.2976
75.619	574.1241	1.2962
75.641	574.1241	1.2976
75.653	574.1241	1.2976
75.672	574.1241	1.2976
75.683	574.1241	1.2989
75.699	574.1241	1.2989
75.713	574.1241	1.2976
75.723	574.1241	1.3003
75.736	574.1241	1.3003
75.754	574.1241	1.3003
75.765	574.1241	1.3003
75.777	574.1241	1.3003
75.796	574.1241	1.2976
75.827	574.1241	1.3003
75.883	574.1241	1.2949
75.894	574.1241	1.2922
75.904	574.1241	1.2935
75.913	574.1241	1.2935
75.922	574.1241	1.2935
75.929	574.1241	1.2935
75.934	574.1241	1.2935
75.942	574.1241	1.2949
75.948	574.1241	1.2935
75.955	574.1241	1.2922
75.963	574.1241	1.2935
75.967	574.1241	1.2935
75.974	574.1241	1.2935
75.982	574.1241	1.2935
75.986	574.1241	1.2908
75.994	574.1241	1.2935
76.005	574.1241	1.2935
76.014	576.673	1.2976
76.026	580.2553	1.2989
76.816	583.8375	1.3111
76.882	583.8375	1.3124
77.009	583.8375	1.3151
77.449	587.3509	1.3205
77.535	587.3509	1.3259
77.546	587.3509	1.3259
77.558	587.3509	1.3246
77.575	587.3509	1.3273
77.584	587.3509	1.3246
77.595	587.3509	1.3259
77.607	587.3509	1.3286
77.616	587.3509	1.3259
77.624	587.3509	1.3273
77.635	587.3509	1.3273
77.64	587.3509	1.33
77.649	587.3509	1.3286

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.01	483.8333	2.8166
193.01	483.8333	2.8193
193.02	483.8333	2.8193
193.02	483.8333	2.8193
193.03	483.8333	2.8179
193.04	483.8333	2.8179
193.04	483.8333	2.8193
193.04	483.8333	2.8193
193.05	483.8333	2.8179
193.06	483.8333	2.8179
193.06	483.8333	2.8179
193.07	483.8333	2.8166
193.07	483.8333	2.8179
193.08	483.8333	2.8179
193.09	483.8333	2.8166
193.09	483.8333	2.8152
193.11	483.8333	2.8152
193.13	483.8333	2.8152
193.25	483.8333	2.8139
193.27	483.8333	2.8139
193.28	483.8333	2.8139
193.29	483.8333	2.8125
193.3	483.8333	2.8125
193.31	483.8333	2.8125
193.31	483.8333	2.8125
193.32	483.8333	2.8112
193.33	483.8333	2.8125
193.33	483.8333	2.8098
193.34	483.8333	2.8112
193.34	483.8333	2.8112
193.35	483.8333	2.8112
193.35	483.8333	2.8098
193.36	483.8333	2.8112
193.36	483.8333	2.8085
193.37	483.8333	2.8112
193.37	483.8333	2.8098
193.38	483.8333	2.8085
193.38	483.8333	2.8098
193.38	483.8333	2.8098
193.39	483.8333	2.8098
193.39	483.8333	2.8098
193.39	483.8333	2.8098
193.4	483.8333	2.8112
193.4	483.8333	2.8112
193.41	483.8333	2.8112
193.41	483.8333	2.8125
193.41	483.8333	2.8125
193.42	483.8333	2.8139
193.43	483.8333	2.8152
193.44	483.8333	2.8166
193.46	483.8333	2.8193
193.64	483.8333	2.822
193.72	483.8333	2.8233
193.79	483.8333	2.8247

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
198.96	930.9592	2.9124
198.98	930.9592	2.9138
199	930.9592	2.9151
199.01	930.9592	2.9151
199.03	930.9592	2.9151
199.05	930.9592	2.9165
199.06	930.9592	2.9165
199.07	930.9592	2.9165
199.09	930.9592	2.9138
199.12	930.9592	2.9165
199.14	930.9592	2.9138
199.26	930.9592	2.9124
199.28	930.9592	2.9138
199.31	930.9592	2.9111
199.32	930.9592	2.9111
199.33	930.9592	2.9124
199.35	930.9592	2.9111
199.36	930.9592	2.9124
199.36	930.9592	2.9111
199.37	930.9592	2.9084
199.38	930.9592	2.9084
199.38	930.9592	2.9111
199.39	930.9592	2.9084
199.4	930.9592	2.9111
199.4	930.9592	2.9138
199.41	930.9592	2.9151
199.43	933.9363	2.9151
199.63	933.9363	2.9219
199.98	933.9363	2.9246
200.47	933.9363	2.934
200.88	933.9363	2.9408
200.91	933.9363	2.9408
200.94	933.9363	2.9408
200.96	933.9363	2.9421
200.98	933.9363	2.9435
201	933.9363	2.9448
201.02	933.9363	2.9435
201.04	933.9363	2.9435
201.06	933.9363	2.9448
201.07	933.9363	2.9448
201.09	933.9363	2.9435
201.13	933.9363	2.9462
201.24	933.9363	2.9408
201.26	933.9363	2.9408
201.28	933.9363	2.9421
201.29	933.9363	2.9394
201.3	933.9363	2.9408
201.32	933.9363	2.9381
201.33	933.9363	2.9381
201.34	933.9363	2.9367
201.34	933.9363	2.9408
201.35	933.9363	2.9394
201.36	933.9363	2.9408
201.37	933.9363	2.9408

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
120.6	521.5574	1.7877
120.61	521.5574	1.7863
120.62	521.5574	1.7877
120.63	521.5574	1.7863
120.63	521.5574	1.7877
120.64	521.5574	1.7877
120.65	521.5574	1.7877
120.66	521.5574	1.785
120.69	521.5574	1.7877
120.7	521.5574	1.785
120.75	521.5574	1.7823
120.77	521.5574	1.7836
120.78	521.5574	1.7823
120.79	521.5574	1.7823
120.8	521.5574	1.7809
120.81	521.5574	1.7823
120.81	521.5574	1.7809
120.82	521.5574	1.7796
120.83	521.5574	1.7823
120.83	521.5574	1.7809
120.84	521.5574	1.7796
120.84	521.5574	1.7809
120.85	521.5574	1.7796
120.85	521.5574	1.7809
120.86	521.5574	1.7796
120.86	521.5574	1.7796
120.87	521.5574	1.7782
120.87	521.5574	1.7782
120.88	521.5574	1.7796
120.88	521.5574	1.7796
120.89	521.5574	1.7796
120.89	521.5574	1.7796
120.89	521.5574	1.7796
120.9	521.5574	1.7823
120.91	523.6189	1.785
120.91	525.7208	1.785
120.93	527.8227	1.785
120.95	529.8842	1.7877
121.21	529.8842	1.7917
121.34	529.8842	1.7931
121.91	531.9457	1.8012
121.97	531.9457	1.8039
121.99	531.9457	1.8025
122.05	532.0669	1.8039
122.37	534.1284	1.8079
122.41	534.1284	1.812
122.43	534.1284	1.812
122.44	534.1284	1.8133
122.45	534.1284	1.8133
122.47	534.1284	1.8133
122.47	534.1284	1.8147
122.49	534.1284	1.8133
122.5	534.1284	1.816
122.5	534.1284	1.8147

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
77.658	587.3509	1.33
77.663	587.3509	1.33
77.67	587.3509	1.33
77.678	587.3509	1.33
77.683	587.3509	1.33
77.691	587.3509	1.33
77.698	587.3509	1.3286
77.703	587.3509	1.3286
77.712	587.3509	1.3286
77.723	587.3509	1.3273
77.743	587.3509	1.3273
77.805	587.3509	1.3246
77.815	587.3509	1.3246
77.83	587.3509	1.3192
77.84	587.3509	1.3192
77.848	587.3509	1.3192
77.853	587.3509	1.3205
77.859	587.3509	1.3178
77.863	587.3509	1.3192
77.868	587.3509	1.3178
77.872	587.3509	1.3178
77.877	587.3509	1.3192
77.881	587.3509	1.3205
77.887	587.3509	1.3192
77.89	587.3509	1.3165
77.895	587.3509	1.3205
77.899	587.3509	1.3205
77.902	587.3509	1.3178
77.908	587.3509	1.3192
77.912	587.3509	1.3178
77.917	587.3509	1.3219
77.921	587.3509	1.3205
77.93	587.3509	1.3205
77.94	587.5575	1.3273
77.953	591.1398	1.3259
77.994	591.622	1.3286
78.824	595.1354	1.3421
79.537	595.1354	1.3543
79.554	595.1354	1.3529
79.575	595.1354	1.3556
79.588	595.1354	1.3556
79.605	595.1354	1.3543
79.618	595.1354	1.3556
79.635	595.1354	1.357
79.644	595.1354	1.3583
79.653	595.1354	1.357
79.662	595.1354	1.357
79.671	595.1354	1.3583
79.679	595.1354	1.3583
79.688	595.1354	1.357
79.698	595.1354	1.3597
79.707	595.1354	1.3597
79.716	595.1354	1.3583
79.725	595.1354	1.357

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.87	483.8333	2.8233
193.89	483.8333	2.8247
193.93	483.8333	2.8247
193.98	484.7373	2.8274
194.87	486.2345	2.8382
195.14	487.6753	2.8436
195.51	489.0878	2.8476
195.7	489.0878	2.853
195.85	489.0878	2.8517
195.91	490.5285	2.853
195.98	490.698	2.8557
196.16	492.1387	2.8571
196.51	493.5795	2.8625
196.94	494.992	2.8679
197.27	496.4327	2.8733
197.51	497.8734	2.876
197.7	497.8734	2.88
197.9	497.8734	2.8814
197.91	499.2859	2.88
197.98	499.7662	2.8841
198.24	501.1786	2.8868
198.71	502.7041	2.8949
199.08	504.1166	2.8989
199.27	505.5574	2.903
199.58	506.9981	2.907
199.76	506.9981	2.9097
199.86	506.9981	2.9097
199.92	508.4388	2.9097
199.98	509.2863	2.9138
200.37	510.6988	2.9178
201.49	512.1678	2.9354
201.71	512.1678	2.9381
201.82	512.1678	2.9394
201.89	513.5803	2.9394
201.91	515.0493	2.9394
201.98	515.699	2.9421
202.27	517.1398	2.9475
202.41	518.5805	2.9489
202.77	519.993	2.9529
203	521.4337	2.9556
203.22	522.8744	2.9597
203.44	524.2869	2.9637
203.51	524.2869	2.9651
203.82	524.2869	2.9678
203.86	525.6994	2.9691
203.97	527.1684	2.9705
203.98	527.1684	2.9705
204.12	528.5809	2.9745
204.3	528.5809	2.9759
204.37	528.5809	2.9759
204.58	530.0216	2.9786
204.85	531.4341	2.9826
205.31	532.8466	2.9894
205.36	534.2873	2.9907

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
201.38	933.9363	2.9421
201.64	933.9363	2.9516
201.83	933.9363	2.9516
201.98	933.9363	2.9556
202.05	933.9363	2.9556
202.87	933.9363	2.9678
202.95	933.9363	2.9678
203.03	933.9363	2.9705
203.11	933.9363	2.9678
203.12	933.9363	2.9691
203.16	933.9363	2.9691
203.18	933.9363	2.9705
203.98	933.9363	2.9853
204.37	933.9363	2.988
204.95	933.9363	3.0002
204.99	933.9363	2.9988
205.03	933.9363	2.9988
205.15	933.9363	2.9948
205.16	933.9363	2.9975
205.17	933.9363	2.9988
205.2	933.9363	3.0002
205.98	933.9363	3.0123
206.88	933.9363	3.0272
206.93	933.9363	3.0272
206.96	933.9363	3.0285
206.98	933.9363	3.0299
207.01	933.9363	3.0299
207.03	933.9363	3.0299
207.05	933.9363	3.0312
207.07	933.9363	3.0312
207.09	933.9363	3.0272
207.22	933.9363	3.0272
207.24	933.9363	3.0258
207.25	933.9363	3.0272
207.26	933.9363	3.0272
207.28	933.9363	3.0258
207.29	933.9363	3.0258
207.29	933.9363	3.0258
207.3	933.9363	3.0272
207.31	933.9363	3.0272
207.32	933.9363	3.0285
207.34	933.9363	3.0299
207.63	933.9363	3.0394
207.98	933.9363	3.0394
208.93	933.9363	3.0583
208.96	933.9363	3.0569
208.99	933.9363	3.0569
209.04	933.9363	3.0583
209.16	933.9363	3.0542
209.18	933.9363	3.0542
209.19	933.9363	3.0542
209.2	933.9363	3.0556
209.22	933.9363	3.0583
209.98	933.9363	3.0704

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
122.51	534.1284	1.816
122.52	534.1284	1.8147
122.53	534.1284	1.816
122.53	534.1284	1.816
122.54	534.1284	1.816
122.55	534.1284	1.8174
122.55	534.1284	1.8174
122.56	534.1284	1.816
122.56	534.1284	1.8174
122.57	534.1284	1.8174
122.58	534.1284	1.8187
122.58	534.1284	1.816
122.59	534.1284	1.8174
122.59	534.1284	1.8174
122.6	534.1284	1.8174
122.61	534.1284	1.816
122.61	534.1284	1.816
122.62	534.1284	1.8147
122.63	534.1284	1.8147
122.64	534.1284	1.8133
122.7	534.1284	1.8093
122.72	534.1284	1.8093
122.72	534.1284	1.8093
122.73	534.1284	1.8093
122.74	534.1284	1.8093
122.74	534.1284	1.8079
122.75	534.1284	1.8093
122.76	534.1284	1.8079
122.76	534.1284	1.8066
122.77	534.1284	1.8066
122.77	534.1284	1.8079
122.78	534.1284	1.8066
122.78	534.1284	1.8079
122.79	534.1284	1.8066
122.79	534.1284	1.8079
122.79	534.1284	1.8052
122.8	534.1284	1.8066
122.8	534.1284	1.8066
122.81	534.1284	1.8052
122.81	534.1284	1.8066
122.81	534.1284	1.8066
122.82	534.1284	1.8066
122.82	534.1284	1.8079
122.82	534.1284	1.8079
122.83	534.1284	1.8079
122.83	534.1284	1.8079
122.84	534.1284	1.8093
122.84	534.1284	1.8079
122.85	534.2497	1.8106
122.86	536.3516	1.812
122.87	538.4535	1.8133
122.89	540.515	1.816
123.23	540.515	1.8201
123.33	540.515	1.8228

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
79.731	595.1354	1.3583
79.74	595.1354	1.3583
79.751	595.1354	1.357
79.762	595.1354	1.357
79.781	595.1354	1.3529
79.806	595.1354	1.3556
79.84	595.1354	1.3502
79.847	595.1354	1.3502
79.855	595.1354	1.3529
79.863	595.1354	1.3502
79.868	595.1354	1.3489
79.876	595.1354	1.3516
79.88	595.1354	1.3489
79.887	595.1354	1.3489
79.892	595.1354	1.3502
79.897	595.1354	1.3489
79.903	595.1354	1.3489
79.907	595.1354	1.3489
79.913	595.1354	1.3502
79.917	595.1354	1.3475
79.923	595.1354	1.3516
79.928	595.1354	1.3489
79.932	595.1354	1.3475
79.938	595.1354	1.3489
79.943	595.1354	1.3502
79.948	595.1354	1.3502
79.957	595.5487	1.3543
79.968	599.1309	1.3556
79.982	602.7132	1.3556
79.993	603.1954	1.357
81.027	606.7088	1.3718
81.551	606.7088	1.3826
81.562	606.7088	1.384
81.574	606.7088	1.3867
81.583	606.7088	1.3853
81.594	606.7088	1.3867
81.604	606.7088	1.3867
81.613	606.7088	1.3853
81.624	606.7088	1.388
81.634	606.7088	1.388
81.643	606.7088	1.3867
81.652	606.7088	1.388
81.657	606.7088	1.388
81.664	606.7088	1.3894
81.672	606.7088	1.388
81.676	606.7088	1.3894
81.684	606.7088	1.388
81.69	606.7088	1.3867
81.695	606.7088	1.388
81.704	606.7088	1.388
81.713	606.7088	1.3853
81.725	606.7088	1.3853
81.739	606.7088	1.3853
81.803	606.7088	1.3826

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
205.71	534.2873	2.9975
205.86	534.2873	2.9975
205.92	535.6998	2.9988
205.98	536.2931	2.9988
206.17	537.7056	3.0029
206.44	539.1463	3.0069
206.8	540.5588	3.011
207.05	541.9995	3.015
207.44	543.412	3.0204
207.66	543.412	3.0245
207.87	543.412	3.0272
207.92	544.8245	3.0272
207.94	546.2652	3.0285
207.98	546.2652	3.0285
208.32	547.1975	3.0326
208.62	548.61	3.038
208.71	548.61	3.0394
208.76	548.61	3.0394
208.96	550.0507	3.0434
209.33	551.4632	3.0475
209.53	551.4632	3.0515
209.7	551.4632	3.0542
209.86	551.4632	3.0556
209.92	551.4632	3.0556
209.98	552.5649	3.0583
210.62	554.0622	3.0664
210.84	555.5029	3.0704
210.96	555.5029	3.0718
211.01	555.5029	3.0731
211.26	556.9154	3.0758
211.54	558.3279	3.0812
211.72	558.3279	3.0839
211.8	558.3279	3.0853
211.87	558.3279	3.0839
211.9	558.3279	3.0839
211.92	559.7404	3.0853
211.98	561.1811	3.0866
211.98	561.1811	3.0866
212.14	562.4241	3.0893
212.68	563.9496	3.0961
212.87	565.3621	3.1001
213.23	566.7745	3.1042
213.51	568.2153	3.1096
213.71	568.2153	3.1123
213.77	568.2153	3.115
213.87	568.2153	3.1136
213.9	568.2153	3.1123
213.92	569.6278	3.115
213.98	569.9103	3.115
214.22	571.3228	3.119
214.53	572.7635	3.1244
214.87	574.176	3.1285
215.14	575.5885	3.1325
215.57	577.001	3.1379

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
210.41	933.9363	3.0758
210.62	933.9363	3.0785
210.86	933.9363	3.0826
210.91	933.9363	3.0853
210.94	933.9363	3.088
210.96	933.9363	3.0866
210.98	933.9363	3.0866
211.01	933.9363	3.088
211.04	933.9363	3.088
211.07	933.9363	3.0893
211.11	933.9363	3.0853
211.17	933.9363	3.0839
211.19	933.9363	3.0866
211.21	933.9363	3.0839
211.22	933.9363	3.0839
211.23	933.9363	3.0853
211.24	933.9363	3.0839
211.25	933.9363	3.0839
211.26	933.9363	3.0839
211.27	933.9363	3.0853
211.28	933.9363	3.0866
211.98	933.9363	3.1001
212.35	933.9363	3.1042
212.91	933.9363	3.1136
212.98	933.9363	3.115
213.11	933.9363	3.1136
213.15	933.9363	3.1136
213.18	933.9363	3.115
213.91	933.9363	3.1271
213.98	933.9363	3.1285
214.77	933.9363	3.1393
214.95	933.9363	3.1433
215.01	933.9363	3.1433
215.1	933.9363	3.1447
215.14	933.9363	3.142
215.16	933.9363	3.1447
215.24	933.9363	3.1474
215.59	933.9363	3.1528
215.98	933.9363	3.1568
216.88	933.9363	3.1717
216.92	933.9363	3.173
216.95	933.9363	3.1744
216.96	933.9363	3.173
216.98	933.9363	3.1744
217.01	933.9363	3.1744
217.03	933.9363	3.1744
217.05	933.9363	3.1771
217.07	933.9363	3.1771
217.13	933.9363	3.1744
217.18	933.9363	3.173
217.21	933.9363	3.1717
217.23	933.9363	3.1717
217.25	933.9363	3.1717
217.26	933.9363	3.1717

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.71	542.5765	1.8282
123.99	542.5765	1.8323
124.15	544.638	1.835
124.42	544.638	1.8404
124.43	544.638	1.8404
124.45	544.638	1.8417
124.47	544.638	1.8431
124.48	544.638	1.8417
124.49	544.638	1.8417
124.5	544.638	1.8431
124.51	544.638	1.8444
124.52	544.638	1.8458
124.53	544.638	1.8431
124.54	544.638	1.8444
124.54	544.638	1.8458
124.55	544.638	1.8444
124.56	544.638	1.8458
124.56	544.638	1.8471
124.57	544.638	1.8444
124.57	544.638	1.8458
124.58	544.638	1.8458
124.59	544.638	1.8458
124.59	544.638	1.8471
124.6	544.638	1.8458
124.61	544.638	1.8458
124.61	544.638	1.8471
124.62	544.638	1.8444
124.63	544.638	1.8444
124.64	544.638	1.8431
124.65	544.638	1.8431
124.73	544.638	1.8404
124.74	544.638	1.839
124.75	544.638	1.839
124.76	544.638	1.839
124.76	544.638	1.839
124.77	544.638	1.839
124.78	544.638	1.8377
124.78	544.638	1.839
124.79	544.638	1.839
124.8	544.638	1.839
124.8	544.638	1.8363
124.81	544.638	1.8377
124.81	544.638	1.8363
124.82	544.638	1.8377
124.82	544.638	1.835
124.83	544.638	1.8363
124.83	544.638	1.8363
124.83	544.638	1.8363
124.84	544.638	1.8363
124.84	544.638	1.835
124.85	544.638	1.835
124.85	544.638	1.839
124.85	544.638	1.8377
124.86	544.638	1.8377

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
81.823	606.7088	1.3813
81.835	606.7088	1.3772
81.842	606.7088	1.3772
81.847	606.7088	1.3772
81.852	606.7088	1.3786
81.857	606.7088	1.3772
81.863	606.7088	1.3759
81.868	606.7088	1.3759
81.873	606.7088	1.3759
81.877	606.7088	1.3759
81.883	606.7088	1.3759
81.886	606.7088	1.3745
81.892	606.7088	1.3759
81.895	606.7088	1.3759
81.9	606.7088	1.3772
81.904	606.7088	1.3772
81.908	606.7088	1.3745
81.913	606.7088	1.3786
81.917	606.7088	1.3786
81.923	606.7088	1.3799
81.932	607.811	1.3826
81.943	611.3933	1.3826
81.958	614.9755	1.3867
81.993	614.9755	1.3894
82.633	616.8355	1.3961
82.972	620.4178	1.4015
83.015	620.4178	1.4042
83.422	620.4178	1.4056
83.541	620.4178	1.4137
83.557	620.4178	1.411
83.569	620.4178	1.411
83.582	620.4178	1.415
83.597	620.4178	1.4137
83.609	620.4178	1.415
83.619	620.4178	1.415
83.629	620.4178	1.4137
83.635	620.4178	1.4164
83.643	620.4178	1.4164
83.653	620.4178	1.4164
83.662	620.4178	1.4177
83.671	620.4178	1.4164
83.68	620.4178	1.415
83.688	620.4178	1.4164
83.695	620.4178	1.4177
83.703	620.4178	1.4164
83.711	620.4178	1.4164
83.72	620.4178	1.415
83.725	620.4178	1.4164
83.74	620.4178	1.415
83.756	620.4178	1.4137
83.832	620.4178	1.4083
83.841	620.4178	1.4083
83.849	620.4178	1.4083
83.854	620.4178	1.4069

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
215.67	577.001	3.1393
215.87	577.001	3.1433
215.92	578.4134	3.1433
215.98	579.5717	3.1447
216.56	581.0689	3.1528
216.6	582.5097	3.1541
216.66	582.5097	3.1555
217.04	582.5097	3.1595
217.23	583.9221	3.1622
217.53	585.3346	3.1663
217.66	585.3346	3.1703
217.76	585.3346	3.1703
217.85	585.3346	3.169
217.86	585.3346	3.1717
217.92	586.7471	3.173
217.98	587.5946	3.1744
218.27	589.0353	3.1771
218.83	590.5043	3.1865
219.31	592.0298	3.1933
219.86	593.527	3.2
219.92	594.9678	3.2
219.98	594.9678	3.2041
220.05	596.2955	3.2041
220.53	597.7928	3.2108
221	599.29	3.2176
221.32	600.7307	3.2216
221.69	600.7307	3.2284
221.84	600.7307	3.2284
221.92	602.115	3.2311
221.98	603.2732	3.2311
222.23	604.6857	3.2351
222.59	606.1829	3.2405
222.81	607.6237	3.2446
222.87	607.6237	3.2446
223.08	607.6237	3.2473
223.42	609.0927	3.2527
223.56	610.5334	3.254
223.63	610.5334	3.2567
223.7	610.5334	3.2581
223.75	610.5334	3.2567
223.86	610.5334	3.2567
223.87	610.5334	3.2581
223.9	610.5334	3.2594
223.98	611.7481	3.2608
224.08	613.1889	3.2608
224.29	613.1889	3.2662
224.54	613.1889	3.2689
224.86	614.5731	3.2729
225.12	615.9856	3.277
225.52	617.4828	3.2837
225.93	618.8953	3.2878
225.98	619.0083	3.2891
226.13	620.4208	3.2918
226.33	621.8333	3.2959

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
217.27	933.9363	3.1717
217.28	933.9363	3.1717
217.29	933.9363	3.173
217.3	933.9363	3.1717
217.31	933.9363	3.1717
217.32	933.9363	3.173
217.35	935.6	3.1771
217.6	931.0468	3.1838
217.98	928.3324	3.1865
218.45	923.8667	3.1919
218.52	928.3324	3.1933
218.95	923.7791	3.2014
219.16	928.2448	3.2014
219.98	925.9682	3.2162
220.65	921.415	3.2257
220.76	925.8806	3.227
220.87	921.415	3.2297
220.95	916.8617	3.2311
220.99	912.3961	3.2284
221.1	916.8617	3.2297
221.14	921.415	3.2284
221.16	925.8806	3.2311
221.98	922.9911	3.2459
222.85	918.4378	3.2581
222.93	913.9722	3.2594
223.13	918.4378	3.2581
223.18	922.9035	3.2608
223.65	918.3503	3.2689
223.98	920.9771	3.2729
224.39	916.4239	3.2797
224.46	920.8896	3.2797
224.87	916.3364	3.2878
225.2	920.802	3.2891
225.98	920.3642	3.3013
226.11	915.8985	3.304
226.19	920.3642	3.3053
226.55	915.811	3.3107
226.68	920.2766	3.3121
226.88	915.7234	3.3175
226.93	911.3453	3.3161
226.98	906.7921	3.3188
227.03	902.3264	3.3175
227.13	906.7921	3.3161
227.15	911.3453	3.3148
227.16	915.811	3.3161
227.18	920.1891	3.3202
227.53	915.7234	3.3256
227.98	914.1473	3.331
228.9	909.5065	3.3459
228.97	905.0409	3.3459
229.1	909.5065	3.3459
229.15	913.9722	3.3459
229.18	918.4378	3.3472
229.98	917.4747	3.3607

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
124.86	544.638	1.8377
124.87	544.638	1.8363
124.87	544.7188	1.8404
124.88	546.8207	1.8404
124.89	548.9227	1.8417
124.9	551.0246	1.8444
125.41	553.0456	1.8525
125.52	553.0456	1.8539
125.62	553.0456	1.8552
125.99	554.2583	1.8606
126.44	554.2583	1.8687
126.47	554.2583	1.8714
126.49	554.2583	1.8701
126.51	554.2583	1.8701
126.52	554.2583	1.8714
126.54	554.2583	1.8728
126.55	554.2583	1.8728
126.57	554.2583	1.8728
126.58	554.2583	1.8714
126.59	554.2583	1.8728
126.61	554.2583	1.8728
126.63	554.2583	1.8728
126.64	554.2583	1.8728
126.65	554.2583	1.8728
126.68	554.2583	1.8741
126.7	554.2583	1.8701
126.75	554.2583	1.8701
126.77	554.2583	1.8701
126.78	554.2583	1.8701
126.79	554.2583	1.8701
126.8	554.2583	1.8701
126.81	554.2583	1.8701
126.82	554.2583	1.8701
126.82	554.2583	1.8701
126.83	554.2583	1.8674
126.84	554.2583	1.8687
126.85	554.2583	1.8687
126.85	554.2583	1.8674
126.86	554.2583	1.8687
126.86	554.2583	1.8674
126.87	554.2583	1.8687
126.88	554.2583	1.8687
126.88	556.3198	1.8701
126.89	558.4217	1.8714
126.9	560.4832	1.8728
126.94	562.5851	1.8741
127.74	564.6062	1.8863
127.99	565.8592	1.8903
128.43	565.8592	1.8984
128.45	565.8592	1.8984
128.49	565.8592	1.8984
128.51	565.8592	1.8998
128.52	565.8592	1.9011
128.54	565.8592	1.8998

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
83.861	620.4178	1.4069
83.867	620.4178	1.4083
83.872	620.4178	1.4069
83.88	620.4178	1.4069
83.884	620.4178	1.4056
83.89	620.4178	1.4069
83.894	620.4178	1.4042
83.901	620.4178	1.4069
83.904	620.4178	1.4042
83.91	620.4178	1.4069
83.914	620.4178	1.4042
83.92	620.4178	1.4056
83.923	620.4178	1.4069
83.927	620.4178	1.4096
83.932	620.4178	1.4083
83.935	620.4178	1.4069
83.944	620.4178	1.4083
83.954	621.0378	1.4123
83.965	624.62	1.4123
83.993	626.8245	1.415
84.795	630.3378	1.4272
84.861	630.3378	1.4299
85.234	630.3378	1.4326
85.545	630.3378	1.4393
85.566	630.3378	1.442
85.577	630.3378	1.442
85.587	630.3378	1.442
85.599	630.3378	1.4434
85.617	630.3378	1.442
85.628	630.3378	1.4447
85.637	630.3378	1.4434
85.648	630.3378	1.4447
85.655	630.3378	1.4434
85.66	630.3378	1.4447
85.672	630.3378	1.4447
85.681	630.3378	1.4447
85.691	630.3378	1.4461
85.7	630.3378	1.4461
85.71	630.3378	1.4461
85.719	630.3378	1.4461
85.73	630.3378	1.4447
85.74	630.3378	1.4434
85.752	630.3378	1.4434
85.772	630.3378	1.4447
85.841	630.3378	1.4366
85.85	630.3378	1.4366
85.859	630.3378	1.4393
85.868	630.3378	1.438
85.876	630.3378	1.4353
85.881	630.3378	1.4353
85.887	630.3378	1.4366
85.891	630.3378	1.4353
85.898	630.3378	1.4353
85.901	630.3378	1.4353

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
226.99	623.3305	3.304
227.03	624.7713	3.3053
227.86	626.212	3.3188
227.93	627.681	3.3175
227.98	628.6132	3.3202
228.05	628.6132	3.3215
228.41	628.6132	3.3242
228.58	630.0257	3.3283
229.17	631.523	3.335
229.41	632.9354	3.3391
229.77	632.9354	3.3445
229.85	632.9354	3.3445
229.92	634.3197	3.3459
229.98	635.1672	3.3486
230.48	636.6644	3.3553
230.83	638.1051	3.3594
231.23	639.5741	3.3661
231.5	641.0149	3.3702
231.73	641.0149	3.3729
231.8	641.0149	3.3742
231.86	641.0149	3.3742
231.89	641.0149	3.3742
231.91	642.4274	3.3756
231.98	643.3596	3.3769
232.24	644.8003	3.3796
232.68	646.2976	3.3864
232.93	647.7101	3.3904
233.23	649.1225	3.3945
233.69	649.1225	3.4012
233.79	649.1225	3.4026
233.85	650.5068	3.4053
233.95	651.9475	3.4053
233.98	652.23	3.4053
234.47	653.7272	3.412
234.91	655.1962	3.4201
235.19	656.637	3.4228
235.58	658.1342	3.4296
235.63	658.1342	3.4309
235.7	658.1342	3.4309
235.83	658.1342	3.4296
235.85	658.1342	3.4323
235.93	659.5467	3.4336
235.98	660.1117	3.435
236.35	661.6089	3.439
236.8	663.1062	3.4458
237.23	664.6034	3.4525
237.45	666.0441	3.4552
237.65	666.0441	3.4593
237.87	666.0441	3.4606
237.89	667.4284	3.462
237.98	667.5131	3.4633
238.43	669.0104	3.4701
238.96	670.5076	3.4768
239.42	671.9766	3.4849

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
230.87	912.8339	3.3742
230.93	908.3682	3.3769
230.97	903.9026	3.3756
231.03	899.3493	3.3769
231.13	903.9026	3.3715
231.14	908.3682	3.3729
231.15	912.8339	3.3742
231.17	917.2995	3.3756
231.28	921.7652	3.3769
231.35	917.212	3.381
231.98	916.599	3.3891
232.87	911.9583	3.4026
232.93	907.4926	3.4039
232.99	903.0269	3.4039
233.11	907.4926	3.4026
233.13	911.9583	3.4039
233.14	916.4239	3.4053
233.34	920.8896	3.4093
233.39	916.3364	3.4107
233.63	911.8707	3.412
233.98	913.8846	3.4174
234.85	909.3314	3.4323
234.89	904.8657	3.4323
234.93	900.3125	3.4336
234.97	895.8469	3.435
235	891.3812	3.435
235.05	886.9155	3.4336
235.15	891.3812	3.4323
235.16	895.9344	3.4309
235.18	900.4001	3.4309
235.18	904.8657	3.4323
235.19	909.2438	3.435
235.21	913.7095	3.435
235.98	912.3961	3.4485
236.31	907.9304	3.4512
236.56	912.3961	3.4566
236.87	907.8428	3.4606
236.96	903.3772	3.4633
237.12	907.8428	3.462
237.15	912.3085	3.4633
237.98	910.6448	3.4768
238.95	906.0916	3.4917
239.01	901.6259	3.4917
239.13	906.0916	3.4917
239.14	910.5573	3.4917
239.98	910.1195	3.5052
240.15	905.5662	3.5092
240.59	901.1006	3.5146
240.85	896.5473	3.5187
240.93	892.0817	3.52
241.08	896.5473	3.52
241.12	901.013	3.52
241.71	896.4598	3.5308
241.86	900.9254	3.5308

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
128.55	565.8592	1.9011
128.57	565.8592	1.9011
128.58	565.8592	1.8998
128.6	565.8592	1.9025
128.61	565.8592	1.9025
128.62	565.8592	1.9025
128.63	565.8592	1.9025
128.65	565.8592	1.9011
128.66	565.8592	1.8984
128.7	565.8592	1.8984
128.76	565.8592	1.8984
128.78	565.8592	1.8998
128.79	565.8592	1.8984
128.8	565.8592	1.9011
128.82	565.8592	1.8984
128.82	565.8592	1.8984
128.83	565.8592	1.8984
128.84	565.8592	1.8971
128.85	565.8592	1.8984
128.85	565.8592	1.8971
128.86	565.8592	1.8971
128.86	565.8592	1.8971
128.87	565.8592	1.8944
128.88	565.8592	1.8971
128.88	565.8592	1.8957
128.89	565.8592	1.8971
128.89	567.9207	1.8984
128.9	569.9822	1.8998
128.91	572.0841	1.9011
128.94	574.186	1.9038
129.29	574.186	1.9079
129.34	574.186	1.9079
129.42	576.2071	1.9119
129.46	576.2071	1.9106
129.67	576.2071	1.9133
129.93	578.2686	1.9173
129.99	578.2686	1.9187
130.28	578.9558	1.9241
130.42	578.9558	1.9268
130.45	578.9558	1.9268
130.49	578.9558	1.9268
130.53	578.9558	1.9281
130.56	578.9558	1.9295
130.58	578.9558	1.9281
130.61	578.9558	1.9295
130.65	578.9558	1.9295
130.71	578.9558	1.9254
130.72	578.9558	1.9254
130.72	578.9558	1.9268
130.73	578.9558	1.9254
130.74	578.9558	1.9254
130.75	578.9558	1.9254
130.76	578.9558	1.9268
130.77	578.9558	1.9268

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
85.908	630.3378	1.4366
85.912	630.3378	1.4339
85.918	630.3378	1.4366
85.922	630.3378	1.4339
85.927	630.3378	1.4353
85.931	630.3378	1.4353
85.935	630.3378	1.4366
85.94	630.3378	1.4366
85.943	630.3378	1.4366
85.949	630.3378	1.4393
85.961	630.4756	1.4434
85.972	634.0579	1.4407
85.993	636.8823	1.4447
86.752	640.4646	1.4542
86.818	640.4646	1.4582
86.916	640.4646	1.4569
87.325	643.9779	1.465
87.38	643.9779	1.4663
87.428	643.9779	1.465
87.533	643.9779	1.4717
87.545	643.9779	1.4717
87.555	643.9779	1.4704
87.566	643.9779	1.4704
87.583	643.9779	1.4717
87.593	643.9779	1.4717
87.599	643.9779	1.4731
87.608	643.9779	1.4731
87.618	643.9779	1.4744
87.627	643.9779	1.4744
87.635	643.9779	1.4744
87.644	643.9779	1.4731
87.649	643.9779	1.4758
87.656	643.9779	1.4758
87.664	643.9779	1.4758
87.668	643.9779	1.4771
87.675	643.9779	1.4744
87.68	643.9779	1.4758
87.688	643.9779	1.4744
87.696	643.9779	1.4731
87.703	643.9779	1.4731
87.716	643.9779	1.4717
87.729	643.9779	1.4704
87.803	643.9779	1.4717
87.825	643.9779	1.4677
87.836	643.9779	1.465
87.844	643.9779	1.4663
87.848	643.9779	1.4636
87.856	643.9779	1.465
87.861	643.9779	1.4636
87.867	643.9779	1.4636
87.871	643.9779	1.465
87.876	643.9779	1.4636
87.88	643.9779	1.4663
87.886	643.9779	1.4636

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
239.92	673.4738	3.4917
239.98	674.0388	3.4917
240.23	675.4513	3.4957
240.49	676.8638	3.4998
240.91	678.3893	3.5052
241.35	679.8583	3.5119
241.93	681.3555	3.52
241.98	682.203	3.5214
242.49	683.7002	3.5281
242.85	685.1975	3.5349
243.26	686.6099	3.5389
243.88	688.0789	3.547
243.98	689.2937	3.5497
244.2	690.7062	3.5538
244.54	690.7062	3.5578
244.59	690.7062	3.5592
244.8	692.0904	3.5619
245.26	693.5876	3.57
245.49	695.0284	3.5713
245.57	695.0284	3.574
245.86	695.0284	3.5767
245.92	696.4126	3.5781
245.98	696.5821	3.5808
246.24	698.0793	3.5848
246.27	698.0793	3.5848
246.48	698.0793	3.5862
246.97	699.5766	3.5929
247.25	701.0738	3.5983
247.9	702.5428	3.6064
247.98	703.5033	3.6078
248.19	705.0005	3.6118
248.35	705.0005	3.6145
248.53	705.0005	3.6159
248.82	706.3848	3.6186
248.96	706.3848	3.6226
249.03	706.3848	3.6226
249.37	707.8537	3.628
249.7	707.8537	3.6334
249.84	707.8537	3.6348
249.92	709.238	3.6375
249.98	709.238	3.6361
250.17	710.7352	3.6402
250.87	712.2042	3.6497
251.48	713.7014	3.6578
251.62	713.7014	3.6605
251.84	713.7297	3.6645
251.92	715.1704	3.6645
251.98	715.3399	3.6672
252.38	716.8372	3.6726
253.18	718.3062	3.6834
253.52	718.3062	3.6888
253.71	718.3062	3.6929
253.79	718.3062	3.6915
253.89	718.3062	3.6929

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
241.98	899.0866	3.5322
242.87	894.5334	3.5484
242.93	890.0678	3.5497
242.96	885.6021	3.5497
243.11	890.0678	3.5484
243.13	894.5334	3.5497
243.16	898.9991	3.5497
243.81	894.3583	3.5605
243.98	896.4598	3.5632
244.61	891.9066	3.5727
244.91	887.3533	3.5767
245.1	891.819	3.5794
245.98	893.22	3.5943
246.89	888.5792	3.6051
247.13	893.0449	3.6078
247.98	892.3444	3.6213
249.22	896.8976	3.6388
249.73	892.4319	3.647
249.98	892.9573	3.6483
250.85	888.4041	3.6618
251.16	892.7822	3.6659
251.98	892.6946	3.678
252.19	888.229	3.6834
252.26	892.6946	3.6834
252.59	888.1414	3.6888
252.87	883.5882	3.6942
252.93	879.2101	3.6942
265.65	836.3047	3.8684
265.66	840.7704	3.8711
265.66	845.236	3.8697
265.67	849.6141	3.8711
265.67	854.0798	3.8697
265.68	858.5454	3.8684
265.69	863.0111	3.8738
265.69	867.4768	3.8724
265.7	871.8549	3.8738
265.98	874.219	3.8819
266.1	869.6658	3.8859
266.16	865.2001	3.8859
266.25	869.7534	3.8846
266.46	865.2001	3.8886
266.86	860.7345	3.8954
266.94	856.2688	3.8954
267.03	860.7345	3.8967
267.25	865.1126	3.8994
267.7	860.5594	3.9075
267.98	861.435	3.9102
268.51	856.8818	3.9197
268.88	852.4161	3.9237
269	847.9504	3.9251
269.06	852.4161	3.9237
269.1	856.8818	3.9251
269.98	854.6927	3.9399
270.82	850.1395	3.9521

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
130.78	581.0172	1.9308
130.98	583.0787	1.9335
131.54	585.1402	1.9403
131.6	585.1402	1.9443
131.74	585.1402	1.9443
131.96	587.2017	1.9484
131.99	587.2017	1.9484
132.21	588.0101	1.9511
132.42	588.0101	1.9578
132.43	588.0101	1.9565
132.45	588.0101	1.9565
132.47	588.0101	1.9565
132.49	588.0101	1.9592
132.51	588.0101	1.9578
132.52	588.0101	1.9592
132.53	588.0101	1.9592
132.54	588.0101	1.9592
132.55	588.0101	1.9592
132.56	588.0101	1.9619
132.57	588.0101	1.9605
132.58	588.0101	1.9592
132.59	588.0101	1.9592
132.6	588.0101	1.9605
132.61	588.0101	1.9605
132.62	588.0101	1.9605
132.63	588.0101	1.9605
132.64	588.0101	1.9619
132.64	588.0101	1.9605
132.65	588.0101	1.9578
132.69	588.0101	1.9605
132.71	588.0101	1.9578
132.74	588.0101	1.9578
132.76	588.0101	1.9565
132.78	588.0101	1.9578
132.79	588.0101	1.9565
132.8	588.0101	1.9565
132.81	588.0101	1.9565
132.82	588.0101	1.9565
132.83	588.0101	1.9565
132.84	588.0101	1.9551
132.84	588.0101	1.9565
132.85	588.0101	1.9565
132.85	588.0101	1.9551
132.86	588.0101	1.9551
132.87	588.0101	1.9538
132.87	588.0101	1.9565
132.88	588.0101	1.9524
132.88	588.0101	1.9538
132.89	588.0101	1.9538
132.89	588.0101	1.9551
132.89	588.0101	1.9538
132.9	588.0101	1.9538
132.9	588.0101	1.9551
132.91	588.0101	1.9565

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
87.89	643.9779	1.4636
87.896	643.9779	1.4636
87.899	643.9779	1.4636
87.905	643.9779	1.4636
87.908	643.9779	1.4623
87.913	643.9779	1.465
87.917	643.9779	1.4636
87.92	643.9779	1.4636
87.925	643.9779	1.4663
87.928	643.9779	1.4663
87.939	643.9779	1.4717
87.95	647.4913	1.4731
87.993	650.3158	1.4758
88.758	653.898	1.4839
89.414	657.4114	1.4933
89.541	657.4114	1.4987
89.555	657.4114	1.4987
89.571	657.4114	1.5014
89.581	657.4114	1.5001
89.591	657.4114	1.4987
89.604	657.4114	1.5001
89.617	657.4114	1.5014
89.631	657.4114	1.5014
89.635	657.4114	1.5028
89.645	657.4114	1.5028
89.654	657.4114	1.5028
89.663	657.4114	1.5028
89.673	657.4114	1.5028
89.678	657.4114	1.5028
89.686	657.4114	1.5028
89.695	657.4114	1.5041
89.704	657.4114	1.5041
89.713	657.4114	1.5041
89.721	657.4114	1.5028
89.728	657.4114	1.5041
89.737	657.4114	1.5028
89.753	657.4114	1.5014
89.774	657.4114	1.4987
89.803	657.4114	1.5001
89.835	657.4114	1.496
89.845	657.4114	1.4947
89.854	657.4114	1.4933
89.862	657.4114	1.496
89.866	657.4114	1.4947
89.874	657.4114	1.4933
89.882	657.4114	1.4947
89.885	657.4114	1.4933
89.892	657.4114	1.4947
89.896	657.4114	1.492
89.901	657.4114	1.4947
89.905	657.4114	1.4933
89.908	657.4114	1.4933
89.914	657.4114	1.4933
89.918	657.4114	1.492

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
253.91	719.6621	3.6929
253.98	719.6621	3.6956
254.2	720.7921	3.6969
254.65	722.2611	3.705
255.26	723.7301	3.7131
255.65	723.7301	3.7212
255.72	723.7301	3.7212
255.83	723.7301	3.7185
255.84	723.7301	3.7199
255.9	725.1143	3.7212
255.92	726.5268	3.7239
255.98	726.7246	3.7239
256.23	728.2218	3.728
256.46	728.2218	3.732
256.5	728.2218	3.732
256.92	729.6908	3.7388
257.38	731.188	3.7442
257.72	731.188	3.7509
257.83	731.188	3.7496
257.9	732.544	3.7523
257.93	733.9848	3.7523
257.98	733.9848	3.7523
258.2	734.917	3.7577
258.85	736.386	3.7658
259.41	737.855	3.7739
259.48	737.855	3.7752
259.56	737.855	3.7766
259.62	737.855	3.7793
259.69	737.855	3.7793
259.84	737.855	3.7806
259.88	737.855	3.7793
259.9	739.2392	3.7806
259.98	739.5217	3.782
260.43	740.9907	3.7887
261.2	742.4314	3.8009
261.46	743.8439	3.8036
261.58	743.8439	3.8063
261.71	743.8439	3.8103
261.84	743.8439	3.809
261.9	743.8439	3.8103
261.94	745.2282	3.8103
261.98	745.3129	3.8117
262.12	746.7536	3.8144
262.44	746.7536	3.8198
262.48	746.7536	3.8171
262.86	748.2226	3.8225
263.61	748.2226	3.836
263.83	748.2226	3.836
263.91	749.6069	3.8387
263.98	750.5674	3.8414
264.18	751.9798	3.8427
264.92	753.4206	3.8535
265.3	754.9178	3.8589
265.61	754.9178	3.8643

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
271.07	854.5176	3.9548
271.98	850.5773	3.9697
272.57	854.9554	3.9764
272.82	850.4022	3.9818
273.13	854.8678	3.9859
273.72	850.3146	3.994
273.83	854.7803	3.9953
273.98	850.5773	3.998
274.92	846.0241	4.0115
275.1	850.4897	4.0129
275.83	845.9365	4.025
275.92	850.3146	4.0264
275.98	848.8261	4.0264
276.9	844.2728	4.0412
277.11	848.7385	4.0426
277.82	844.1853	4.052
277.98	845.3236	4.0547
278.83	840.7704	4.0696
278.93	836.3047	4.0696
279.02	840.7704	4.0709
279.11	845.236	4.0709
279.98	842.0838	4.0858
280.21	837.6181	4.0885
280.3	842.0838	4.0885
280.87	837.5306	4.0979
280.93	833.0649	4.0993
281.06	837.5306	4.0979
281.12	841.9962	4.0993
281.98	842.1713	4.1141
282.09	837.7057	4.1155
282.14	842.1713	4.1155
283.18	846.7246	4.1303
283.31	842.2589	4.133
283.52	837.7932	4.1357
283.58	842.2589	4.1357
283.98	840.7704	4.1411
284.71	836.2171	4.1546
284.95	831.7515	4.1573
285.08	836.1296	4.156
285.14	840.5952	4.1587
285.46	836.042	4.1654
285.51	840.5077	4.1654
285.59	836.042	4.1654
285.98	838.6689	4.1708
286.27	834.2032	4.1776
286.94	829.7375	4.1857
287.09	834.1156	4.1857
287.98	831.3137	4.2005
288.14	835.7793	4.2019
288.35	831.3137	4.2073
288.92	826.7604	4.214
289.07	831.2261	4.2167
289.94	826.6729	4.2275
289.98	828.1614	4.2289

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.92	590.0716	1.9578
132.93	592.1736	1.9592
132.94	594.235	1.9605
132.97	596.337	1.9619
133.13	596.337	1.9646
133.18	596.337	1.9646
133.27	596.337	1.9659
133.35	596.337	1.9673
133.63	598.358	1.9713
133.71	598.358	1.974
133.78	598.358	1.974
133.99	598.358	1.9767
134	600.0153	1.9794
134	602.0768	1.9808
134	604.1787	1.9794
134.02	604.1787	1.9808
134.02	604.1787	1.9808
134.03	604.1787	1.9808
134.04	604.1787	1.9821
134.05	604.1787	1.9821
134.06	604.1787	1.9808
134.06	604.1787	1.9808
134.07	604.1787	1.9835
134.08	604.1787	1.9835
134.09	604.1787	1.9821
134.1	604.1787	1.9821
134.1	604.1787	1.9835
134.11	604.1787	1.9848
134.12	604.1787	1.9835
134.12	604.1787	1.9848
134.13	604.1787	1.9862
134.14	604.1787	1.9835
134.14	604.1787	1.9862
134.15	604.1787	1.9835
134.15	604.1787	1.9848
134.16	604.1787	1.9848
134.17	604.1787	1.9848
134.17	604.1787	1.9862
134.18	604.1787	1.9848
134.18	604.1787	1.9835
134.19	604.1787	1.9848
134.2	604.1787	1.9835
134.21	604.1787	1.9821
134.22	604.1787	1.9835
134.23	604.1787	1.9808
134.25	604.1787	1.9821
134.33	604.1787	1.9808
134.35	604.1787	1.9808
134.37	604.1787	1.9794
134.38	604.1787	1.9808
134.39	604.1787	1.9821
134.4	604.1787	1.9808
134.41	604.1787	1.9808
134.43	604.1787	1.9821

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
89.923	657.4114	1.4933
89.926	657.4114	1.492
89.93	657.4114	1.4933
89.934	657.4114	1.4933
89.938	657.4114	1.4947
89.944	657.4114	1.4947
89.952	657.618	1.4987
89.957	661.2003	1.5001
89.977	664.7825	1.5001
89.993	664.7825	1.5028
91.186	668.0203	1.5204
91.537	668.0203	1.5271
91.543	668.0203	1.5285
91.544	668.0203	1.5285
91.546	668.0203	1.5285
91.547	668.0203	1.5298
91.549	668.0203	1.5298
91.557	668.0203	1.5298
91.561	668.0203	1.5312
91.571	668.0203	1.5298
91.58	668.0203	1.5312
91.588	668.0203	1.5312
91.596	668.0203	1.5298
91.602	668.0203	1.5325
91.612	668.0203	1.5325
91.62	668.0203	1.5325
91.627	668.0203	1.5312
91.632	668.0203	1.5339
91.64	668.0203	1.5325
91.645	668.0203	1.5325
91.652	668.0203	1.5325
91.661	668.0203	1.5312
91.671	668.0203	1.5312
91.682	668.0203	1.5298
91.702	668.0203	1.5298
91.797	668.0203	1.5285
91.819	668.0203	1.5244
91.827	668.0203	1.5231
91.832	668.0203	1.5217
91.839	668.0203	1.5231
91.843	668.0203	1.5204
91.85	668.0203	1.5231
91.854	668.0203	1.5204
91.859	668.0203	1.5217
91.863	668.0203	1.5204
91.868	668.0203	1.5217
91.871	668.0203	1.519
91.875	668.0203	1.519
91.88	668.0203	1.5231
91.882	668.0203	1.5217
91.887	668.0203	1.5231
91.891	668.0203	1.5204
91.894	668.0203	1.5217
91.899	668.0203	1.5217

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
265.69	754.9178	3.867
265.82	754.9178	3.8643
265.84	754.9178	3.867
265.9	756.3021	3.867
265.98	756.7541	3.8684
266.26	758.2513	3.8738
266.6	759.7485	3.8792
266.66	759.7485	3.8819
266.98	759.7485	3.8832
267.27	761.2175	3.8873
267.61	761.2175	3.894
267.69	761.2175	3.894
267.7	761.2175	3.894
267.7	761.2175	3.8954
267.78	761.2175	3.8967
267.85	761.2175	3.894
267.86	761.2175	3.8927
267.87	761.2175	3.8927
267.88	761.2175	3.894
267.89	761.2175	3.8954
267.91	762.4887	3.8967
267.98	763.3362	3.8981
268.36	764.8052	3.9035
268.42	764.8052	3.9048
268.48	764.8052	3.9048
269.07	766.246	3.9156
269.74	766.246	3.9251
269.83	766.2742	3.9251
269.88	767.7149	3.9237
269.93	769.1274	3.9264
269.98	769.1274	3.9278
270.37	770.6247	3.9332
270.95	772.0937	3.9399
271.1	773.5061	3.9426
271.6	773.5061	3.9521
271.82	773.5061	3.9535
271.89	774.9469	3.9535
271.93	776.3594	3.9548
271.98	776.3594	3.9562
272.45	776.6984	3.9629
273.21	778.1391	3.9737
273.52	779.6363	3.9778
273.58	779.6363	3.9818
273.65	779.6363	3.9832
273.71	779.6363	3.9818
273.82	779.6363	3.9805
273.83	779.6363	3.9832
273.88	779.6363	3.9832
273.93	781.0206	3.9845
273.98	781.0206	3.9845
274.16	782.2353	3.9872
274.28	782.2353	3.9899
274.32	782.2353	3.9899
274.4	782.2353	3.9926

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
290.18	823.6082	4.2343
290.34	828.0739	4.2343
290.82	823.6082	4.241
291.12	827.9863	4.2451
291.66	823.4331	4.2546
291.77	827.8987	4.2546
291.98	826.1475	4.2573
292.91	821.5067	4.2721
293.13	825.9724	4.2735
293.76	821.4191	4.2856
293.98	824.046	4.287
294.81	819.4928	4.3018
294.9	815.1147	4.3018
295.05	819.4928	4.3018
295.89	814.9396	4.3153
295.98	813.1883	4.3153
296.83	808.6351	4.3288
296.95	804.1694	4.3302
297.05	808.6351	4.3302
297.2	813.0132	4.3342
297.28	808.5475	4.3356
297.98	807.059	4.345
298.83	802.5058	4.3599
298.93	798.0401	4.3599
299.06	802.4182	4.3612
299.16	806.8839	4.3612
299.27	802.4182	4.3639
299.98	799.9665	4.3734
300.37	795.5008	4.3815
300.44	799.9665	4.3801
301.03	795.4132	4.3896
301.1	799.8789	4.3896
301.98	798.3028	4.4017
302.8	793.7496	4.4166
303.2	798.1277	4.4206
303.28	793.662	4.422
303.41	798.1277	4.4233
303.76	793.662	4.4301
303.98	795.3257	4.4328
304.88	790.86	4.4463
304.98	786.3943	4.4476
305.05	790.86	4.4463
305.13	795.2381	4.449
305.97	793.662	4.4611
307.97	791.9108	4.4908
308.8	787.4451	4.503
309.12	791.8232	4.5057
309.86	787.27	4.5178
309.97	788.1456	4.5178
310.82	783.5924	4.5327
311.14	787.9705	4.5367
311.56	783.5048	4.5448
311.97	785.5187	4.5489
312.86	781.0531	4.5611

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
134.44	604.1787	1.9794
134.44	604.1787	1.9794
134.45	604.1787	1.9794
134.46	604.1787	1.9781
134.47	604.1787	1.9808
134.47	604.1787	1.9781
134.48	604.1787	1.9794
134.49	604.1787	1.9808
134.49	604.1787	1.9794
134.5	604.1787	1.9781
134.51	604.1787	1.9794
134.51	604.1787	1.9794
134.52	604.1787	1.9808
134.52	604.1787	1.9794
134.53	604.1787	1.9821
134.54	604.1787	1.9794
134.54	604.1787	1.9808
134.55	604.1787	1.9821
134.56	604.1787	1.9821
134.57	604.1787	1.9821
134.59	604.1787	1.9848
134.66	604.1787	1.9848
134.72	604.4212	1.9848
134.75	606.5231	1.9889
135.71	608.5442	1.9997
135.99	610.1611	2.0064
136.34	612.263	2.0091
136.41	612.263	2.0145
136.44	612.263	2.0132
136.47	612.263	2.0132
136.5	612.263	2.0159
136.52	612.263	2.0159
136.54	612.263	2.0145
136.56	612.263	2.0159
136.58	612.263	2.0159
136.6	612.263	2.0172
136.63	612.263	2.0159
136.71	612.263	2.0145
136.72	612.263	2.0132
136.73	612.263	2.0132
136.74	612.263	2.0118
136.75	612.263	2.0118
136.76	612.263	2.0132
136.77	612.263	2.0132
136.77	612.263	2.0118
136.78	612.263	2.0132
136.79	612.263	2.0145
136.8	614.3245	2.0145
136.82	616.386	2.0159
136.83	618.4879	2.0159
137.61	620.6302	2.0294
137.68	620.6302	2.0307
137.74	620.6302	2.0307
137.84	620.6302	2.0321

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
91.902	668.0203	1.5231
91.906	668.0203	1.5244
91.911	668.0203	1.5244
91.914	668.0203	1.5231
91.923	668.4337	1.5244
91.932	672.0159	1.5285
91.944	675.5982	1.5298
91.992	675.5982	1.5312
92.713	678.836	1.5406
93.317	682.4182	1.5501
93.536	682.4182	1.5568
93.569	682.4182	1.5568
93.626	682.4182	1.5555
93.668	682.4182	1.5568
93.713	682.4182	1.5568
93.807	682.4182	1.5541
93.816	682.4182	1.5541
93.825	682.4182	1.5528
93.836	682.4182	1.5528
93.847	682.6249	1.5541
93.858	686.1382	1.5568
93.992	688.5494	1.5595
94.111	688.5494	1.5609
94.156	688.5494	1.5636
94.505	692.0627	1.5676
95.059	695.5761	1.5757
95.532	695.5761	1.5865
95.543	695.5761	1.5865
95.554	695.5761	1.5865
95.564	695.5761	1.5879
95.574	695.5761	1.5879
95.583	695.5761	1.5892
95.589	695.5761	1.5879
95.596	695.5761	1.5906
95.605	695.5761	1.5892
95.614	695.5761	1.5892
95.622	695.5761	1.5879
95.627	695.5761	1.5906
95.636	695.5761	1.5906
95.644	695.5761	1.5906
95.648	695.5761	1.5919
95.656	695.5761	1.5892
95.663	695.5761	1.5892
95.668	695.5761	1.5906
95.676	695.5761	1.5919
95.684	695.5761	1.5879
95.689	695.5761	1.5892
95.7	695.5761	1.5892
95.708	695.5761	1.5892
95.721	695.5761	1.5879
95.813	695.5761	1.5811
95.823	695.5761	1.5811
95.828	695.5761	1.5811
95.834	695.5761	1.5811

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
274.64	782.2353	3.9953
274.83	783.5913	3.998
275.02	783.5913	4.0007
275.06	783.5913	4.0021
275.58	783.5913	4.0102
275.62	783.5913	4.0088
275.68	783.5913	4.0115
275.75	783.5913	4.0115
275.83	783.5913	4.0115
275.84	783.5913	4.0129
275.88	783.5913	4.0129
275.98	783.5913	4.0129
276.31	783.5913	4.0183
277.03	783.5913	4.0291
277.72	783.5913	4.0399
277.83	783.5913	4.0412
277.87	784.2693	4.0412
277.95	785.71	4.0426
277.98	785.71	4.0439
278.55	786.9813	4.0507
279.21	788.422	4.0601
279.63	788.422	4.0682
279.72	788.422	4.0696
279.8	788.422	4.0682
279.82	788.422	4.0709
279.9	789.8627	4.0709
279.98	790.8232	4.0723
280.85	792.2357	4.0844
280.94	792.2357	4.0871
281.42	792.264	4.0925
281.62	792.264	4.0979
281.67	792.264	4.0979
281.73	792.264	4.0979
281.83	792.264	4.0979
281.85	792.264	4.0966
281.88	792.3205	4.0993
281.98	793.5352	4.1006
282.21	795.0324	4.1047
282.89	796.4732	4.1141
283.7	796.4732	4.1263
283.82	796.4732	4.1276
283.88	797.9139	4.1276
283.98	798.3659	4.1303
284.4	799.8349	4.1371
285.22	801.2756	4.1479
285.31	801.2756	4.1506
285.5	801.2756	4.1519
285.57	801.2756	4.1546
285.64	801.2756	4.1546
285.77	801.2756	4.1546
285.83	801.2756	4.1573
285.95	802.7164	4.1587
285.98	802.7164	4.1614
286.76	803.9594	4.1695

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
312.93	776.5874	4.5638
313.02	772.2093	4.5638
313.08	776.5874	4.5611
313.1	781.0531	4.5624
313.97	779.1267	4.5773
314.65	774.661	4.5867
314.71	779.0391	4.5881
314.83	774.5735	4.5908
315.11	779.0391	4.5921
315.89	774.4859	4.6056
315.97	776.8501	4.6056
316.73	772.2969	4.6178
316.97	767.8312	4.6218
317.04	772.2969	4.6205
317.26	767.8312	4.6259
317.47	763.3655	4.6286
317.75	758.9874	4.6313
317.97	758.8999	4.6353
318.39	754.4342	4.6421
318.99	749.9686	4.6502
319.05	754.3467	4.6502
319.23	758.8123	4.6542
319.8	754.2591	4.6623
319.97	754.6093	4.6637
320.66	750.0561	4.6745
320.94	745.5905	4.6785
321.05	750.0561	4.6799
321.21	754.4342	4.6812
321.6	749.9686	4.6893
321.73	754.3467	4.6907
321.93	749.881	4.6934
321.97	749.0054	4.6934
322.36	753.3835	4.6974
322.8	748.9178	4.7055
323.11	753.2959	4.7096
323.75	748.8302	4.719
323.97	749.4432	4.7217
324.92	744.89	4.7379
325.02	740.4243	4.7379
325.05	744.89	4.7379
325.11	749.2681	4.7366
325.68	744.8024	4.7474
325.97	745.9407	4.7514
326.63	741.475	4.7609
326.94	737.0094	4.7663
327.1	741.3875	4.7663
327.97	739.8114	4.7811
328.15	735.3457	4.7838
328.86	730.88	4.7946
329.05	735.2581	4.796
329.97	733.1566	4.8108
330.95	728.6034	4.823
331.97	726.4144	4.8392
332.61	721.9487	4.8473

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
137.87	620.6302	2.0321
137.99	621.6003	2.0334
138.25	623.6618	2.0388
138.41	623.6618	2.0429
138.43	623.6618	2.0429
138.45	623.6618	2.0442
138.47	623.6618	2.0442
138.49	623.6618	2.0442
138.5	623.6618	2.0456
138.51	623.6618	2.0456
138.52	623.6618	2.0442
138.54	623.6618	2.0469
138.55	623.6618	2.0469
138.56	623.6618	2.0469
138.57	623.6618	2.0469
138.58	623.6618	2.0456
138.59	623.6618	2.0469
138.6	623.6618	2.0456
138.61	623.6618	2.0469
138.63	623.6618	2.0483
138.64	623.6618	2.0456
138.66	623.6618	2.0456
138.68	623.6618	2.0469
138.69	623.6618	2.0442
138.76	623.6618	2.0456
138.79	623.6618	2.0442
138.81	623.6618	2.0456
138.82	623.6618	2.0456
138.83	623.6618	2.0442
138.84	623.6618	2.0442
138.85	623.6618	2.0429
138.86	623.6618	2.0442
138.87	623.6618	2.0429
138.88	623.6618	2.0415
138.88	623.6618	2.0442
138.89	623.6618	2.0415
138.89	623.6618	2.0442
138.9	623.6618	2.0415
138.91	623.6618	2.0429
138.91	623.6618	2.0415
138.92	623.6618	2.0429
138.92	623.6618	2.0415
138.93	623.6618	2.0429
138.93	623.6618	2.0429
138.94	623.6618	2.0429
138.95	625.7233	2.0456
138.96	627.7848	2.0469
138.97	629.8867	2.0469
138.98	631.9886	2.0496
139.06	631.9886	2.051
139.33	631.9886	2.0537
139.36	631.9886	2.055
139.49	631.9886	2.0564
139.99	632.8779	2.0631

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
95.839	695.5761	1.5825
95.845	695.5761	1.5798
95.852	695.5761	1.5811
95.856	695.5761	1.5798
95.862	695.5761	1.5798
95.866	695.5761	1.5798
95.87	695.5761	1.5798
95.875	695.5761	1.5784
95.878	695.5761	1.5798
95.883	695.5761	1.5798
95.886	695.5761	1.5798
95.89	695.5761	1.5784
95.895	695.5761	1.5811
95.897	695.5761	1.5784
95.901	695.5761	1.5798
95.906	695.5761	1.5798
95.909	695.5761	1.5811
95.913	695.5761	1.5838
95.917	695.5761	1.5825
95.927	695.9894	1.5838
95.936	699.5717	1.5852
95.949	703.1539	1.5892
95.992	703.1539	1.5879
96.226	706.2539	1.5919
96.343	706.2539	1.5946
96.381	706.2539	1.596
96.447	706.2539	1.596
96.532	706.2539	1.596
96.891	709.7673	1.6041
96.947	709.7673	1.6027
97.036	709.7673	1.6054
97.476	713.2807	1.6122
97.509	713.2807	1.6135
97.53	713.2807	1.6162
97.541	713.2807	1.6162
97.55	713.2807	1.6149
97.56	713.2807	1.6162
97.57	713.2807	1.6135
97.582	713.2807	1.6176
97.593	713.2807	1.6176
97.605	713.2807	1.6189
97.614	713.2807	1.6189
97.624	713.2807	1.6189
97.635	713.2807	1.6176
97.644	713.2807	1.6189
97.654	713.2807	1.6189
97.663	713.2807	1.6176
97.671	713.2807	1.6176
97.677	713.2807	1.6203
97.686	713.2807	1.6189
97.695	713.2807	1.6189
97.704	713.2807	1.6189
97.713	713.2807	1.6176
97.723	713.2807	1.6176

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
286.84	803.9594	4.1722
287.25	803.9594	4.1776
287.32	803.9594	4.1776
287.59	803.9594	4.1843
287.68	803.9594	4.1857
287.82	803.9594	4.1857
287.92	803.9594	4.187
287.98	803.9594	4.1884
288.86	803.9594	4.2019
289.65	803.9594	4.2154
289.82	803.9594	4.2154
289.89	805.3719	4.2154
289.98	805.3719	4.2154
290.35	806.5583	4.2221
291.1	807.9991	4.2329
291.3	807.9991	4.237
291.37	807.9991	4.237
291.58	807.9991	4.241
291.67	807.9991	4.2424
291.77	807.9991	4.2437
291.86	807.9991	4.2424
291.98	809.2138	4.2478
292.44	810.6828	4.2532
292.61	810.6828	4.2559
292.88	810.7393	4.2586
293.63	810.7393	4.2708
293.79	810.7393	4.2721
293.9	812.1518	4.2735
293.98	812.406	4.2762
294.99	813.9033	4.2897
295.59	813.9033	4.2991
295.89	813.988	4.3018
295.98	813.988	4.3045
297.58	813.988	4.3275
297.65	813.988	4.3288
297.82	813.988	4.3315
297.88	813.988	4.3315
297.98	814.5813	4.3329
298.2	814.5813	4.3369
298.71	814.5813	4.345
298.89	814.5813	4.3464
299.25	814.6095	4.3518
299.59	814.6095	4.3585
299.65	814.6095	4.3572
299.81	814.6095	4.3599
299.87	814.6378	4.3599
299.98	815.3158	4.3612
301.69	815.3158	4.3882
301.75	815.3158	4.3869
301.8	815.3158	4.3869
301.83	815.3158	4.3882
301.86	816.7	4.3882
301.98	816.474	4.3909
302.59	815.0615	4.4004

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
332.65	726.4144	4.8473
332.85	721.9487	4.8513
333.1	726.3268	4.854
333.29	721.8612	4.8581
333.65	717.4831	4.8622
333.97	714.5059	4.8676
334.92	709.9527	4.8811
335.04	714.3308	4.8824
335.13	718.7965	4.8824
335.25	714.3308	4.8851
335.65	709.8652	4.8919
335.69	714.3308	4.8905
335.97	713.3676	4.8959
336.31	708.902	4.9013
336.36	713.3676	4.9
336.91	708.902	4.9108
337.24	713.2801	4.9135
337.67	708.8144	4.9202
337.97	711.3537	4.9256
338.91	706.888	4.9405
339.1	711.2661	4.9418
339.82	706.8005	4.9526
339.97	707.9388	4.954
340.84	703.4731	4.9675
340.9	699.0075	4.9688
341.02	703.4731	4.9675
341.06	707.8512	4.9688
341.74	703.3856	4.9796
341.97	705.0492	4.9823
342.95	700.5836	4.9985
343.1	704.9617	4.9985
343.97	703.6483	5.0134
344.95	699.1826	5.0269
345.04	703.5607	5.0282
345.75	699.095	5.0377
345.97	700.5836	5.0404
346.81	696.0304	5.0539
346.91	691.6523	5.0552
347.03	696.0304	5.0552
347.97	696.8184	5.0714
348.9	692.2652	5.0849
349.09	696.7309	5.0863
349.97	692.1776	5.0984
349.97	692.5279	5.0984
350.83	687.9747	5.1119
351.11	692.703	5.116
351.97	690.514	5.1268
352.44	686.0483	5.1349
352.98	681.6702	5.1416
353.06	686.0483	5.1416
353.56	681.5826	5.1511
353.97	682.108	5.1565
354.84	677.6423	5.1714
355.11	682.0204	5.1727

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
140.31	634.9394	2.0672
140.4	634.9394	2.0726
140.43	634.9394	2.0726
140.45	634.9394	2.0726
140.47	634.9394	2.0726
140.49	634.9394	2.0739
140.5	634.9394	2.0739
140.52	634.9394	2.0753
140.53	634.9394	2.0753
140.54	634.9394	2.0739
140.55	634.9394	2.0753
140.56	634.9394	2.0739
140.57	634.9394	2.0753
140.58	634.9394	2.0753
140.59	634.9394	2.0753
140.6	634.9394	2.0753
140.61	634.9394	2.0766
140.62	634.9394	2.078
140.62	634.9394	2.078
140.63	634.9394	2.0766
140.64	634.9394	2.0739
140.66	634.9394	2.0766
140.68	634.9394	2.078
140.69	634.9394	2.0739
140.76	634.9394	2.0739
140.78	634.9394	2.0753
140.81	634.9394	2.0726
140.82	634.9394	2.0726
140.83	634.9394	2.0739
140.84	634.9394	2.0726
140.85	634.9394	2.0739
140.86	634.9394	2.0726
140.86	634.9394	2.0712
140.87	634.9394	2.0726
140.88	634.9394	2.0712
140.88	634.9394	2.0712
140.89	634.9394	2.0726
140.9	634.9394	2.0699
140.9	634.9394	2.0699
140.91	634.9394	2.0699
140.91	634.9394	2.0712
140.91	634.9394	2.0685
140.92	634.9394	2.0712
140.92	634.9394	2.0699
140.93	634.9394	2.0712
140.94	634.9394	2.0712
140.94	634.9394	2.0726
140.95	637.0009	2.0726
140.96	639.0624	2.0739
140.97	641.1643	2.0766
140.99	643.2258	2.078
141.17	643.2258	2.0807
141.61	643.2258	2.0874
141.99	643.2258	2.0942

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.736	713.2807	1.6176
97.747	713.2807	1.6176
97.766	713.2807	1.6122
97.814	713.2807	1.6108
97.824	713.2807	1.6108
97.832	713.2807	1.6108
97.84	713.2807	1.6122
97.845	713.2807	1.6108
97.853	713.2807	1.6095
97.857	713.2807	1.6108
97.863	713.2807	1.6081
97.867	713.2807	1.6122
97.873	713.2807	1.6108
97.877	713.2807	1.6081
97.883	713.2807	1.6095
97.887	713.2807	1.6095
97.893	713.2807	1.6095
97.896	713.2807	1.6081
97.901	713.2807	1.6108
97.905	713.2807	1.6095
97.909	713.2807	1.6095
97.914	713.2807	1.6095
97.917	713.2807	1.6095
97.922	713.2807	1.6122
97.925	713.2807	1.6095
97.931	713.2807	1.6122
97.937	713.2807	1.6122
97.947	713.7629	1.6149
97.957	717.3451	1.6149
97.992	718.9985	1.6176
98.147	718.9985	1.6203
98.201	718.9985	1.6216
98.371	718.9985	1.6243
98.582	718.9985	1.627
99.216	722.4429	1.6365
99.527	722.4429	1.6446
99.538	722.4429	1.6446
99.549	722.4429	1.6446
99.561	722.4429	1.6459
99.579	722.4429	1.6459
99.59	722.4429	1.6473
99.6	722.4429	1.6459
99.609	722.4429	1.6473
99.62	722.4429	1.6473
99.627	722.4429	1.6459
99.634	722.4429	1.6473
99.644	722.4429	1.6473
99.655	722.4429	1.6473
99.661	722.4429	1.6486
99.671	722.4429	1.6473
99.679	722.4429	1.6473
99.684	722.4429	1.65
99.692	722.4429	1.6473
99.7	722.4429	1.6486

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
303.44	813.6208	4.4125
303.89	815.0898	4.4179
303.98	814.8073	4.4206
304.26	813.3383	4.4247
304.36	814.7508	4.4247
304.77	813.2535	4.4328
304.84	814.6943	4.4314
305.58	813.2535	4.4436
305.63	811.8128	4.4449
305.69	810.4003	4.4449
305.79	811.841	4.4436
305.81	813.3383	4.4463
305.89	814.7508	4.4476
305.97	814.7508	4.449
306.51	813.2535	4.4571
307.59	811.7845	4.4733
307.87	813.2818	4.476
307.97	813.536	4.4773
308.59	812.1235	4.4881
309.5	810.6828	4.5003
309.65	809.2421	4.5043
309.87	810.6546	4.5043
309.97	810.9936	4.5084
310.27	809.5528	4.5111
310.88	808.1403	4.5205
311.01	806.6996	4.5232
311.15	805.2589	4.5246
311.28	803.7899	4.5273
311.46	802.3491	4.5286
311.58	800.9084	4.5327
311.65	799.4677	4.534
311.8	800.9084	4.5327
311.96	802.4056	4.5354
311.97	802.0101	4.5367
312.23	800.5411	4.5408
312.61	799.1004	4.5448
312.64	800.5129	4.5462
313.25	798.9874	4.5557
313.59	797.5467	4.5597
313.81	799.0157	4.5638
313.9	800.4564	4.5638
313.97	800.0609	4.5651
315.65	798.6202	4.5908
315.73	797.1794	4.5921
315.8	798.6202	4.5908
315.87	800.0327	4.5908
315.97	800.9649	4.5935
316.43	799.4677	4.6016
317.25	798.0269	4.6137
317.54	796.5579	4.6191
317.69	795.1454	4.6178
317.82	796.6427	4.6218
317.97	797.5749	4.6245
318.06	796.1342	4.6259

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
355.87	677.5548	5.1849
355.97	678.3428	5.1876
356.06	679.306	5.1862

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
142.11	644.1151	2.0942
142.28	644.1151	2.0969
142.37	644.1151	2.0982
142.46	644.1151	2.0996
142.53	644.1151	2.1009
142.65	644.1151	2.0982
142.65	644.1151	2.1009
142.67	646.1361	2.1023
142.73	648.238	2.1023
143.1	650.2995	2.109
143.45	652.361	2.1144
143.5	652.361	2.1144
143.59	652.361	2.1158
143.98	654.3821	2.1212
143.99	654.948	2.1225
144.43	654.948	2.1293
144.51	654.948	2.1307
144.65	654.948	2.128
144.66	654.948	2.1307
144.71	656.9691	2.132
144.74	659.071	2.132
145.37	661.092	2.1415
145.62	663.1535	2.1455
145.66	663.1535	2.1469
145.73	663.1535	2.1469
145.99	663.5577	2.1509
146.15	665.6192	2.1536
146.42	665.6192	2.159
146.44	665.6192	2.159
146.48	665.6192	2.159
146.52	665.6192	2.1604
146.54	665.6192	2.159
146.56	665.6192	2.1604
146.58	665.6192	2.1604
146.62	665.6192	2.1617
146.71	665.6192	2.1577
146.72	665.6192	2.159
146.73	665.6192	2.1577
146.74	665.6192	2.1577
146.75	665.6192	2.1577
146.75	665.6192	2.1563
146.76	665.6192	2.1577
146.77	665.6192	2.159
146.78	667.6807	2.1604
146.8	669.7422	2.1617
146.93	671.8037	2.1644
147.59	673.8652	2.1725
147.95	675.8863	2.1793
147.99	675.8863	2.1806
148.44	675.8863	2.1874
148.49	675.8863	2.1887
148.5	675.8863	2.1887
148.52	675.8863	2.1901
148.54	675.8863	2.1901

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
99.709	722.4429	1.6473
99.72	722.4429	1.6473
99.725	722.4429	1.6473
99.738	722.4429	1.6446
99.757	722.4429	1.6459
99.818	722.4429	1.6419
99.828	722.4429	1.6419
99.837	722.4429	1.6419
99.849	722.4429	1.6392
99.854	722.4429	1.6405
99.861	722.4429	1.6392
99.867	722.4429	1.6392
99.872	722.4429	1.6405
99.878	722.4429	1.6392
99.881	722.4429	1.6392
99.887	722.4429	1.6392
99.892	722.4429	1.6378
99.896	722.4429	1.6378
99.901	722.4429	1.6378
99.904	722.4429	1.6378
99.909	722.4429	1.6392
99.912	722.4429	1.6365
99.916	722.4429	1.6378
99.921	722.4429	1.6378
99.923	722.4429	1.6365
99.928	722.4429	1.6392
99.932	722.4429	1.6405
99.935	722.4429	1.6405
99.944	722.8563	1.6419
99.953	726.4385	1.6459
99.975	730.0208	1.6459
99.992	730.0208	1.6486
100.1	733.0519	1.65
100.31	733.0519	1.6527
100.5	733.0519	1.6554
101.03	736.5653	1.6621
101.53	736.5653	1.6729
101.55	736.5653	1.6743
101.56	736.5653	1.6716
101.58	736.5653	1.6743
101.59	736.5653	1.6716
101.61	736.5653	1.6743
101.63	736.5653	1.6743
101.64	736.5653	1.6756
101.65	736.5653	1.6756
101.67	736.5653	1.6743
101.68	736.5653	1.6743
101.69	736.5653	1.6756
101.7	736.5653	1.677
101.71	736.5653	1.677
101.72	736.5653	1.677
101.73	736.5653	1.677
101.74	736.5653	1.677
101.75	736.5653	1.677

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
318.44	794.6652	4.6313
319.01	793.168	4.638
319.41	791.699	4.6434
319.66	790.23	4.6488
319.7	788.8175	4.6488
319.78	787.3768	4.6488
319.8	788.8175	4.6488
319.87	790.23	4.6488
319.97	790.9645	4.6529
320.34	789.4955	4.6583
321.22	788.0548	4.6704
321.58	786.5858	4.6758
321.84	788.083	4.6785
321.97	788.535	4.6812
322.77	787.1225	4.6934
323.05	785.6535	4.6961
323.36	787.1508	4.7015
323.52	785.6818	4.7055
323.57	784.2693	4.7055
323.86	785.6818	4.7069
323.97	786.501	4.7096
324.18	785.032	4.7136
324.63	783.5631	4.7204
324.92	782.1223	4.7231
325.17	780.6533	4.7271
325.54	779.1843	4.7339
325.59	777.7436	4.7352
325.65	776.3311	4.7352
325.7	774.8904	4.7366
325.77	776.3311	4.7339
325.85	777.7436	4.7352
325.97	777.6306	4.7393
326.33	776.1616	4.7447
326.5	774.6926	4.7474
326.56	776.1334	4.7474
326.64	774.6926	4.7487
326.98	773.2236	4.7541
327.26	771.7829	4.7582
327.52	770.3139	4.7622
327.65	768.8732	4.7636
327.78	767.4325	4.7649
327.8	768.8449	4.7663
327.97	769.2969	4.769
328.14	767.8562	4.7717
328.5	766.4155	4.7757
328.72	764.9465	4.7798
329.04	763.5057	4.7838
329.49	762.0085	4.7906
329.58	760.5678	4.7933
329.67	759.1553	4.7933
329.8	760.6525	4.7946
329.9	762.178	4.796
329.97	761.0198	4.796
330.34	759.5508	4.8027

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
148.56	675.8863	2.1901
148.59	675.8863	2.1901
148.62	675.8863	2.1901
148.71	675.8863	2.186
148.72	675.8863	2.1874
148.73	675.8863	2.1874
148.73	675.8863	2.186
148.74	675.8863	2.1874
148.75	675.8863	2.186
148.76	675.8863	2.1874
148.77	675.8863	2.1874
148.77	677.0989	2.1887
148.79	679.1604	2.1901
148.88	681.2623	2.1914
149.74	683.4047	2.2049
149.99	683.7685	2.209
150.43	683.7685	2.2157
150.48	683.7685	2.2184
150.5	683.7685	2.2171
150.54	683.7685	2.2184
150.56	683.7685	2.2171
150.6	683.7685	2.2184
150.66	683.7685	2.2184
150.68	683.7685	2.2157
150.69	683.7685	2.2157
150.7	683.7685	2.2157
150.71	683.7685	2.2144
150.72	683.7685	2.2157
150.73	685.8299	2.2171
150.75	687.8914	2.2198
150.8	689.9933	2.2198
150.88	689.9933	2.2211
150.95	689.9933	2.2225
151.46	692.0144	2.2292
151.99	693.0654	2.2373
152.19	695.1269	2.24
152.41	695.1269	2.2441
152.49	695.1269	2.2441
152.64	695.1269	2.2454
152.67	695.1269	2.2454
152.69	697.1884	2.2468
152.79	699.2498	2.2495
153.29	701.3113	2.2562
153.6	703.3728	2.2603
153.99	704.0196	2.267
154.35	706.0811	2.2711
154.42	706.0811	2.2738
154.46	706.0811	2.2738
154.49	706.0811	2.2751
154.52	706.0811	2.2765
154.55	706.0811	2.2765
154.58	706.0811	2.2778
154.59	706.0811	2.2765
154.63	706.0811	2.2778

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
101.76	736.5653	1.6743
101.8	736.5653	1.6756
101.86	736.5653	1.6716
101.88	736.5653	1.6716
101.89	736.5653	1.6716
101.9	736.5653	1.6702
101.91	736.5653	1.6702
101.92	736.5653	1.6716
101.92	736.5653	1.6689
101.93	736.5653	1.6729
101.94	736.5653	1.6716
101.94	736.5653	1.6702
101.95	736.5653	1.6689
101.95	736.5653	1.6675
101.96	736.5653	1.6689
101.96	736.5653	1.6689
101.97	736.5653	1.6702
101.97	736.5653	1.6675
101.98	736.5653	1.6702
101.98	736.5653	1.6716
101.99	736.5653	1.6716
101.99	736.5653	1.6716
102	736.9786	1.6716
102.01	740.5608	1.6743
102.03	744.1431	1.6743
102.05	747.6565	1.6783
102.11	747.6565	1.6783
102.18	747.6565	1.677
102.8	751.1698	1.6878
103.44	754.6832	1.6959
103.51	754.6832	1.7013
103.53	754.6832	1.7013
103.55	754.6832	1.7026
103.56	754.6832	1.7026
103.57	754.6832	1.7026
103.58	754.6832	1.704
103.59	754.6832	1.704
103.6	754.6832	1.7026
103.61	754.6832	1.704
103.62	754.6832	1.704
103.63	754.6832	1.704
103.64	754.6832	1.704
103.65	754.6832	1.7067
103.66	754.6832	1.7053
103.67	754.6832	1.7053
103.68	754.6832	1.7053
103.69	754.6832	1.7067
103.69	754.6832	1.7053
103.7	754.6832	1.7053
103.71	754.6832	1.7053
103.72	754.6832	1.7067
103.73	754.6832	1.7053
103.75	754.6832	1.704
103.76	754.6832	1.7026

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
330.84	758.0535	4.8108
331.14	756.6128	4.8149
331.57	755.1438	4.8216
331.61	753.7031	4.8216
331.65	752.2906	4.823
331.7	750.8499	4.823
331.8	752.2906	4.8216
331.82	753.7031	4.8216
331.84	755.1438	4.8216
331.92	756.6411	4.8243
331.97	756.8953	4.8257
332.13	755.4546	4.8297
332.63	753.9573	4.8365
333.15	752.4883	4.8432
333.53	751.0194	4.85
333.65	749.6069	4.85
333.97	750.3131	4.8568
334.39	748.8441	4.8608
334.72	747.3751	4.8662
334.97	745.9344	4.8703
335.26	744.4654	4.8743
335.55	743.0247	4.8797
335.62	741.5839	4.8797
335.7	740.1715	4.8797
335.75	741.5839	4.8797
335.86	743.1094	4.8811
335.97	743.4484	4.8838
336.06	742.0077	4.8865
336.37	740.5669	4.8905
336.84	739.098	4.8973
337.33	737.6007	4.904
337.56	736.16	4.9094
337.6	734.6345	4.9081
337.66	733.222	4.9094
337.78	734.6345	4.9081
337.8	736.1317	4.9108
337.97	736.9792	4.9135
338.23	735.5102	4.9175
338.62	734.0413	4.9229
339.14	732.5723	4.9297
339.56	731.1033	4.9364
339.78	729.6625	4.9391
339.86	731.075	4.9391
339.97	731.8378	4.9418
340.12	730.397	4.9445
340.56	728.8998	4.9513
340.8	727.4591	4.9553
341.08	726.0183	4.9594
341.34	724.5776	4.9621
341.58	723.1086	4.9661
341.68	721.6961	4.9661
341.71	723.1934	4.9675
341.94	724.6906	4.9715
341.97	724.2951	4.9715

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
154.7	706.0811	2.2751
154.71	706.0811	2.2751
154.72	706.0811	2.2738
154.73	706.0811	2.2738
154.74	706.0811	2.2738
154.75	706.0811	2.2738
154.76	706.0811	2.2738
154.77	706.0811	2.2751
154.78	708.1021	2.2765
154.83	710.204	2.2792
155.37	712.2251	2.2859
155.72	714.2866	2.2913
155.99	714.6504	2.2954
156.48	714.6504	2.3048
156.65	714.6504	2.3021
156.66	716.6715	2.3062
156.73	718.7734	2.3062
157.1	720.7945	2.3129
157.51	722.8559	2.3183
157.89	724.9174	2.3224
157.99	724.9174	2.3251
158.15	725.8471	2.3264
158.42	725.8471	2.3318
158.45	725.8471	2.3318
158.48	725.8471	2.3318
158.51	725.8471	2.3332
158.54	725.8471	2.3345
158.56	725.8471	2.3332
158.6	725.8471	2.3345
158.69	725.8471	2.3318
158.7	725.8471	2.3318
158.71	725.8471	2.3318
158.72	725.8471	2.3305
158.73	725.8471	2.3305
158.73	725.8471	2.3318
158.74	725.8471	2.3318
158.75	727.8682	2.3345
158.77	729.9701	2.3359
158.84	732.0316	2.3359
158.92	732.0316	2.3386
159.23	732.0316	2.3426
159.96	734.1739	2.3521
159.99	734.1739	2.3548
160.33	735.9121	2.3588
160.41	735.9121	2.3602
160.68	735.9121	2.3642
160.71	737.9736	2.3629
161.01	739.9946	2.3696
161.77	742.1774	2.3791
161.99	742.9858	2.3818
162.45	742.9858	2.3899
162.62	742.9858	2.3899
162.65	744.9665	2.3926
162.72	747.0684	2.3926

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103.83	754.6832	1.6999
103.84	754.6832	1.6986
103.85	754.6832	1.6999
103.86	754.6832	1.6986
103.86	754.6832	1.6986
103.87	754.6832	1.6986
103.88	754.6832	1.6972
103.88	754.6832	1.6972
103.89	754.6832	1.6959
103.89	754.6832	1.6999
103.9	754.6832	1.6959
103.9	754.6832	1.6986
103.91	754.6832	1.6972
103.91	754.6832	1.6986
103.92	754.6832	1.6972
103.92	754.6832	1.6986
103.93	754.6832	1.6972
103.93	754.6832	1.6972
103.94	754.6832	1.6959
103.94	754.6832	1.6986
103.95	754.6832	1.6972
103.95	754.6832	1.6972
103.96	754.6832	1.7013
103.97	755.1654	1.7026
103.98	758.6788	1.704
103.99	760.1254	1.7053
104.04	763.7077	1.7067
104.15	763.7077	1.708
104.17	763.7077	1.708
104.25	763.7077	1.7094
104.56	763.7077	1.7148
105.28	767.1521	1.7242
105.54	767.1521	1.731
105.55	767.1521	1.731
105.56	767.1521	1.7323
105.57	767.1521	1.7323
105.58	767.1521	1.7323
105.59	767.1521	1.7323
105.61	767.1521	1.7323
105.62	767.1521	1.7323
105.63	767.1521	1.7337
105.64	767.1521	1.7323
105.65	767.1521	1.7337
105.66	767.1521	1.7337
105.67	767.1521	1.7337
105.68	767.1521	1.7337
105.69	767.1521	1.7337
105.7	767.1521	1.7337
105.71	767.1521	1.735
105.72	767.1521	1.735
105.73	767.1521	1.735
105.74	767.1521	1.7337
105.75	767.1521	1.735
105.76	767.1521	1.7337

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
342.26	722.8544	4.9756
343	721.3571	4.9864
343.51	719.8599	4.9958
343.55	718.4474	4.9958
343.59	717.0067	4.9958
343.64	715.5942	4.9958
343.74	714.1817	4.9972
343.78	715.6224	4.9945
343.79	717.0914	4.9972
343.84	718.5322	4.9958
343.97	718.8711	4.9999
344.22	717.4304	5.0039
344.34	715.9897	5.0066
344.47	714.5489	5.008
344.9	713.1082	5.012
345.04	711.6675	5.0161
345.42	710.1985	5.0215
345.56	708.7577	5.0242
345.69	707.3453	5.0242
345.79	708.8425	5.0255
345.97	708.899	5.0296
346.13	707.4583	5.0323
346.41	706.0175	5.035
346.63	704.5768	5.039
347.03	703.1078	5.0458
347.31	701.6671	5.0498
347.55	700.2263	5.0525
347.61	698.8138	5.0525
347.84	700.3111	5.0552
347.97	700.8478	5.0593
348.09	699.4071	5.0606
348.31	697.9663	5.0633
348.8	696.4974	5.0701
348.92	695.0849	5.0714
349.26	693.6159	5.0768
349.37	692.1751	5.0795
349.47	690.7344	5.0809
349.54	689.3219	5.0822
349.59	687.9094	5.0822
349.67	686.4687	5.0836
349.75	685.028	5.0863
349.97	685.1127	5.0876
350.11	683.7002	5.089
350.3	682.2595	5.0917
350.51	680.7905	5.0957
350.93	679.3215	5.1025
351.29	677.8808	5.1079
351.58	676.44	5.1119
351.65	675.0276	5.1119
351.75	676.44	5.1106
351.85	677.9373	5.1119
351.97	677.1463	5.116
352.57	675.6773	5.1241
352.92	674.2083	5.1308

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
162.99	749.1299	2.398
163.06	749.1299	2.398
163.23	749.1299	2.4007
163.92	751.2318	2.4115
163.99	751.2318	2.4128
164.46	751.2318	2.4169
164.57	751.2318	2.4196
164.62	751.2318	2.4209
164.65	751.2318	2.4209
164.72	753.0912	2.4223
164.95	755.1526	2.425
165.03	755.1526	2.4263
165.14	755.1526	2.4291
165.64	757.1737	2.4358
165.71	757.1737	2.4372
165.77	757.1737	2.4372
165.85	757.1737	2.4399
165.99	757.1737	2.4399
166.28	758.6289	2.4453
166.42	758.6289	2.448
166.47	758.6289	2.4493
166.5	758.6289	2.4493
166.52	758.6289	2.448
166.54	758.6289	2.4493
166.56	758.6289	2.4507
166.58	758.6289	2.452
166.61	758.6289	2.4507
166.63	758.6289	2.448
166.7	758.6289	2.4493
166.71	758.6289	2.448
166.72	758.6289	2.4493
166.73	758.6289	2.448
166.74	758.6289	2.448
166.75	758.6289	2.4466
166.76	758.6289	2.4466
166.77	758.6289	2.448
166.78	758.6289	2.4507
166.8	760.6904	2.4507
166.86	762.7519	2.452
167.31	762.7519	2.4601
167.39	762.7519	2.4601
167.47	762.7519	2.4628
167.48	762.7519	2.4628
167.48	762.7519	2.4628
167.48	762.7519	2.4628
167.5	762.7519	2.4628
167.63	762.7519	2.4628
167.65	762.7519	2.4615
167.66	762.7519	2.4628
167.67	762.7519	2.4628
167.69	762.7519	2.4628
167.73	764.6113	2.4655
167.99	764.6113	2.4696
168.41	764.6113	2.4763

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
105.77	767.1521	1.731
105.81	767.1521	1.7283
105.84	767.1521	1.7296
105.86	767.1521	1.7283
105.87	767.1521	1.7296
105.88	767.1521	1.7283
105.88	767.1521	1.7283
105.89	767.1521	1.7283
105.9	767.1521	1.7283
105.91	767.1521	1.7296
105.91	767.1521	1.7283
105.92	767.1521	1.7283
105.93	767.1521	1.7269
105.93	767.1521	1.7283
105.94	767.1521	1.7283
105.94	767.1521	1.7283
105.95	767.1521	1.7256
105.96	767.1521	1.7269
105.96	767.1521	1.7256
105.96	767.1521	1.7283
105.97	767.1521	1.7283
105.97	767.1521	1.7269
105.98	767.1521	1.7283
105.98	767.1521	1.7269
105.99	767.1521	1.7296
105.99	767.1521	1.731
106	767.1521	1.7296
106.01	770.6655	1.731
106.02	774.2478	1.735
106.53	777.7611	1.7418
106.57	777.7611	1.7458
106.88	777.7611	1.7458
107.1	777.7611	1.7526
107.2	777.7611	1.7526
107.4	781.2056	1.7539
107.49	781.2056	1.7566
107.52	781.2056	1.7607
107.54	781.2056	1.7593
107.55	781.2056	1.7593
107.57	781.2056	1.7607
107.58	781.2056	1.7607
107.59	781.2056	1.762
107.6	781.2056	1.7607
107.6	781.2056	1.7607
107.6	781.2056	1.7607
107.6	781.2056	1.762
107.61	781.2056	1.7607
107.62	781.2056	1.762
107.63	781.2056	1.7634
107.64	781.2056	1.7634
107.64	781.2056	1.7634
107.65	781.2056	1.7634
107.66	781.2056	1.7634
107.66	781.2056	1.7634

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
353.22	672.7676	5.1349
353.51	671.3268	5.1403
353.56	669.8861	5.1403
353.64	668.4736	5.1403
353.7	669.8861	5.1403
353.84	671.3833	5.143
353.97	671.2986	5.1443
354.12	669.8578	5.147
354.78	668.3606	5.1578
355.2	666.8916	5.1632
355.53	665.4509	5.1687
355.6	664.0384	5.1687
355.68	662.5977	5.17
355.84	664.0102	5.17
355.97	664.0949	5.1727
356.15	662.6542	5.1768
356.29	661.2134	5.1795
356.44	659.7727	5.1808
356.84	658.332	5.1876
356.9	656.8912	5.1876
356.97	658.332	5.1876
357.01	656.8912	5.1903
357.36	655.4505	5.1943
357.55	653.9815	5.1984
357.62	652.569	5.1984
357.83	653.9815	5.1984
357.87	655.4787	5.2024
357.92	654.0662	5.2024
357.97	653.6707	5.2024
358.31	652.23	5.2078
358.51	650.7893	5.2105
358.62	649.3485	5.2132
358.97	647.9078	5.2173
359.17	646.4671	5.22
359.41	645.0263	5.2254
359.57	643.5856	5.2281
359.63	642.0884	5.2267
359.76	643.5856	5.2281
359.86	645.0828	5.2294
359.97	644.4048	5.2321
360.43	642.9358	5.2389
360.71	641.4951	5.2429
360.72	640.0826	5.2443
360.72	638.4724	5.2429
360.72	637.0599	5.2456
360.91	638.5006	5.2416
360.92	639.9979	5.2443
360.95	641.4104	5.2443
361.05	642.9076	5.247
361.11	641.4669	5.2497
361.42	640.0261	5.2537
361.6	638.5854	5.2564
361.84	640.0826	5.2578
361.97	640.1674	5.2605

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
168.49	764.6113	2.4763
168.61	764.6113	2.4777
168.63	764.6113	2.4777
168.7	766.5515	2.479
169.04	768.613	2.4844
169.96	770.7149	2.4979
169.99	770.9978	2.4993
170.26	773.0593	2.5033
170.32	773.0593	2.5047
170.42	773.0593	2.5047
170.65	773.0593	2.5047
170.67	773.0593	2.5074
170.73	775.0804	2.5087
171.37	777.2632	2.5182
171.63	779.2842	2.5222
171.72	779.2842	2.5236
171.81	779.2842	2.5249
171.99	779.2842	2.5276
172.23	780.7798	2.5303
172.41	780.7798	2.5344
172.49	780.7798	2.5371
172.61	780.7798	2.5371
172.64	780.7798	2.5371
172.73	782.8009	2.5384
173.19	784.822	2.5452
173.9	786.9643	2.5546
173.99	786.9643	2.5573
174.5	786.9643	2.5654
174.63	786.9643	2.5654
174.67	788.2578	2.5654
174.82	790.3193	2.5681
175.87	792.4212	2.5843
175.99	792.4212	2.5857
176.09	794.038	2.587
176.17	794.038	2.5897
176.24	794.038	2.5897
176.38	794.038	2.5911
176.48	794.038	2.5951
176.52	794.038	2.5951
176.56	794.038	2.5938
176.65	794.038	2.5938
176.68	794.038	2.5924
176.68	794.038	2.5924
176.7	794.038	2.5951
176.73	796.0591	2.5951
176.87	798.1206	2.6005
176.92	798.1206	2.6005
177.57	798.2014	2.6086
177.78	798.2014	2.6113
177.91	798.2014	2.6127
177.99	798.2014	2.614
178.61	798.2014	2.6221
178.64	798.2014	2.6235
178.68	800.1417	2.6235

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
107.67	781.2056	1.7634
107.68	781.2056	1.7634
107.69	781.2056	1.762
107.7	781.2056	1.762
107.71	781.2056	1.762
107.72	781.2056	1.762
107.74	781.2056	1.7607
107.81	781.2056	1.7566
107.82	781.2056	1.7566
107.83	781.2056	1.7566
107.84	781.2056	1.7553
107.84	781.2056	1.7553
107.85	781.2056	1.7553
107.85	781.2056	1.7566
107.86	781.2056	1.7566
107.87	781.2056	1.7553
107.87	781.2056	1.7553
107.88	781.2056	1.7539
107.88	781.2056	1.7539
107.89	781.2056	1.7553
107.89	781.2056	1.7539
107.89	781.2056	1.7539
107.9	781.2056	1.7539
107.9	781.2056	1.7539
107.91	781.2056	1.7539
107.91	781.2056	1.7539
107.91	781.2056	1.7539
107.92	781.2056	1.7539
107.92	781.2056	1.7553
107.92	781.2056	1.7566
107.93	781.2056	1.7566
107.94	781.2056	1.758
107.94	781.2056	1.758
107.95	783.8234	1.7607
107.97	787.3367	1.7647
107.99	787.3367	1.7647
108.79	790.1612	1.7755
108.9	790.1612	1.7782
109	790.1612	1.7782
109.53	790.1612	1.789
109.54	790.1612	1.789
109.55	790.1612	1.789
109.57	790.1612	1.789
109.58	790.1612	1.7904
109.59	790.1612	1.7904
109.6	790.1612	1.7917
109.61	790.1612	1.7904
109.62	790.1612	1.7904
109.63	790.1612	1.7917
109.64	790.1612	1.7904
109.64	790.1612	1.7904
109.65	790.1612	1.7917
109.66	790.1612	1.7931
109.67	790.1612	1.7931

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
362.22	638.7266	5.2645
362.5	637.2576	5.2699
363.1	635.7887	5.278
363.42	634.3479	5.2821
363.55	632.9072	5.2848
363.75	631.4947	5.2861
363.78	632.9919	5.2875
363.97	633.5287	5.2902
364.14	632.1162	5.2929
364.29	630.6755	5.2942
364.61	629.2347	5.2996
364.88	627.794	5.3037
365.12	626.3532	5.3077
365.43	624.9125	5.3118
365.5	623.5	5.3118
365.87	624.969	5.3172
365.95	623.5283	5.3185
365.97	623.9238	5.3185
366.22	622.4548	5.3239
366.62	621.014	5.328
366.81	619.5733	5.332
366.86	618.1608	5.332
366.89	619.6016	5.3307
366.98	618.1608	5.3334
367.33	616.6918	5.3401
367.47	615.2793	5.3401
367.61	613.8669	5.3428
367.97	614.4884	5.3482
368.03	613.0476	5.3496
368.15	611.6351	5.3509
368.34	610.1944	5.3536
368.59	608.7537	5.3577
368.85	607.3129	5.3617
368.98	605.9004	5.3631
369.2	604.4597	5.3671
369.52	603.019	5.3712
369.57	601.5782	5.3725
369.7	600.1657	5.3739
369.97	600.1375	5.3766
370.21	598.6968	5.3806
370.43	597.256	5.386
370.59	595.8435	5.386
371.03	594.4028	5.3928
371.37	592.9621	5.3968
371.62	591.4931	5.4022
371.97	591.3801	5.4049
372.22	589.9676	5.409
372.62	588.4986	5.4157
372.68	587.0861	5.4157
373.15	585.6171	5.4225
373.26	584.2046	5.4238
373.31	582.7639	5.4265
373.45	581.3514	5.4279
373.58	579.9107	5.4306

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
178.72	802.2032	2.6248
179.16	802.2032	2.6316
179.23	802.2032	2.6316
179.42	804.2242	2.6343
179.6	804.2242	2.637
179.64	804.2242	2.6383
179.99	804.2242	2.6437
180.04	804.2242	2.6437
180.1	804.2242	2.6437
180.26	805.5177	2.6464
180.37	805.5177	2.6491
180.64	805.5177	2.6532
180.72	807.5388	2.6545
181.39	809.6811	2.664
181.45	809.6811	2.664
181.71	809.6811	2.668
181.77	809.6811	2.6694
181.88	809.6811	2.6707
181.99	810.0045	2.6734
182.39	810.0045	2.6788
182.48	810.0045	2.6802
182.6	810.0045	2.6815
182.63	810.0045	2.6802
182.7	812.0256	2.6815
182.94	814.0466	2.6869
183.45	814.0466	2.6937
183.51	814.0466	2.6937
183.99	814.0466	2.7004
184.2	815.0167	2.7045
184.43	815.0167	2.7085
184.53	815.0167	2.7099
184.62	815.0167	2.7085
184.63	815.0167	2.7112
184.84	816.9974	2.7139
184.91	816.9974	2.7153
184.97	816.9974	2.7153
185.28	816.9974	2.7193
185.39	816.9974	2.722
185.98	817.1591	2.7315
186.16	819.2206	2.7342
186.2	819.2206	2.7342
186.27	819.2206	2.7342
186.3	819.2206	2.7342
186.54	819.2206	2.7396
186.63	819.2206	2.7396
186.67	819.2206	2.7383
186.7	821.2416	2.741
186.79	821.2416	2.7423
187.04	821.2416	2.7464
187.93	823.3031	2.7585
187.98	824.1116	2.7599
188.22	824.1116	2.7626
188.43	824.1116	2.7666
188.49	824.1116	2.768

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
109.68	790.1612	1.7917
109.69	790.1612	1.7931
109.7	790.1612	1.7917
109.71	790.1612	1.7917
109.72	790.1612	1.7917
109.73	790.1612	1.7917
109.74	790.1612	1.7917
109.75	790.1612	1.7904
109.78	790.1612	1.7917
109.84	790.1612	1.7863
109.85	790.1612	1.7863
109.85	790.1612	1.7877
109.86	790.1612	1.785
109.87	790.1612	1.785
109.87	790.1612	1.7863
109.88	790.1612	1.7863
109.89	790.1612	1.7863
109.89	790.1612	1.7863
109.9	790.1612	1.7836
109.91	790.1612	1.785
109.91	790.1612	1.7836
109.92	790.1612	1.7863
109.92	790.1612	1.7836
109.93	790.1612	1.7863
109.93	790.1612	1.785
109.93	790.1612	1.7823
109.94	790.1612	1.7836
109.94	790.1612	1.7836
109.95	790.1612	1.785
109.95	790.1612	1.7836
109.95	790.1612	1.7836
109.96	790.1612	1.785
109.97	790.9879	1.7877
109.97	794.5701	1.7877
109.98	798.1524	1.7904
109.99	799.5302	1.7917
110.79	803.0435	1.8025
111.46	806.5569	1.8133
111.52	806.5569	1.8174
111.53	806.5569	1.8174
111.55	806.5569	1.8174
111.56	806.5569	1.8174
111.58	806.5569	1.8187
111.59	806.5569	1.8201
111.6	806.5569	1.8201
111.61	806.5569	1.8187
111.62	806.5569	1.8187
111.63	806.5569	1.8187
111.64	806.5569	1.8187
111.65	806.5569	1.8215
111.66	806.5569	1.8215
111.67	806.5569	1.8215
111.68	806.5569	1.8215
111.69	806.5569	1.8215

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
373.65	578.4982	5.4319
373.86	579.9954	5.4333
373.97	579.1479	5.4346
374.11	577.7072	5.4373
374.45	576.2665	5.4414
374.87	574.8257	5.4481
375.51	573.3567	5.4589
375.64	571.916	5.4603
375.68	570.5035	5.4603
375.77	571.9442	5.4589
375.84	573.4132	5.4616
375.97	574.2325	5.4657
376.12	572.82	5.4657
376.29	571.4075	5.4697
376.49	569.9668	5.4711
377.09	568.4978	5.4792
377.35	567.0853	5.4833
377.61	565.6446	5.4887
377.97	564.9383	5.4941
378	563.5258	5.4941
378.54	562.0568	5.5022
378.96	560.6161	5.5076
379.34	559.1754	5.5143
379.53	557.7346	5.5157
379.97	557.7911	5.5224
380.02	556.2939	5.5224
380.25	554.8532	5.5251
380.44	553.4407	5.5292
380.5	554.8532	5.5292
380.6	553.4124	5.5319
380.77	551.9999	5.5319
381.22	550.5309	5.54
381.54	549.0902	5.5454
381.62	547.593	5.5454
381.76	549.0902	5.5467
381.97	549.4575	5.5494
382.14	548.0167	5.5535
382.49	546.576	5.5589
382.9	545.1352	5.5643
383.01	543.7228	5.5656
383.24	542.282	5.5697
383.58	540.8413	5.5751
383.97	540.248	5.5805
384.43	538.8073	5.5859
384.92	537.3383	5.594
385.17	535.9258	5.5967
385.42	534.4851	5.6007
385.66	533.0444	5.6048
385.85	534.5416	5.6075
385.92	533.1291	5.6088
385.97	533.2986	5.6088
386.19	531.8861	5.6102
386.72	530.4171	5.6196
387.1	528.9764	5.625

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
188.59	824.1116	2.7666
188.63	824.1116	2.768
188.69	824.1116	2.7693
188.87	826.0922	2.7734
189.55	828.2345	2.7828
189.61	828.2345	2.7828
189.98	828.2345	2.7882
190.25	828.9621	2.7923
190.3	828.9621	2.7936
190.52	828.9621	2.7977
190.67	828.9621	2.7963
190.69	828.9621	2.7977
190.75	830.9832	2.8004
191.33	830.9832	2.8085
191.41	830.9832	2.8098
191.96	833.0447	2.8193
191.98	833.0447	2.8179
191.98	833.0447	2.8179
192.04	833.0447	2.8179
192.17	833.0447	2.8193
192.31	833.0447	2.822
192.4	833.0447	2.8247
192.54	833.0447	2.8247
192.62	833.0447	2.826
192.68	833.0447	2.826
192.85	835.0253	2.8301
193.49	835.0253	2.8409
193.59	835.0658	2.8395
193.85	837.1273	2.8436
193.98	837.1273	2.8449
194	838.3399	2.8463
194.06	838.3399	2.849
194.4	838.3399	2.8544
194.57	838.3399	2.8557
194.66	838.3399	2.8544
194.71	840.3205	2.8557
195.02	840.3205	2.8611
195.09	840.3205	2.8625
195.98	841.4119	2.876
196.44	841.4119	2.8814
196.47	841.4119	2.8827
196.5	841.4119	2.8841
196.52	841.4119	2.8841
196.55	841.4119	2.8841
196.65	841.4119	2.8841
196.67	841.4119	2.8827
196.68	841.4119	2.8814
196.69	841.4119	2.8827
196.7	841.4119	2.8841
196.72	843.3926	2.8854
196.84	845.4541	2.8881
197.64	845.4541	2.8989
197.7	845.4945	2.9003
197.89	845.4945	2.903

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.7	806.5569	1.8215
111.7	806.5569	1.8215
111.71	806.5569	1.8215
111.72	806.5569	1.8215
111.73	806.5569	1.8215
111.74	806.5569	1.8215
111.75	806.5569	1.8201
111.79	806.5569	1.8201
111.83	806.5569	1.816
111.85	806.5569	1.8147
111.85	806.5569	1.8174
111.86	806.5569	1.816
111.87	806.5569	1.816
111.88	806.5569	1.8133
111.89	806.5569	1.8147
111.9	806.5569	1.8147
111.9	806.5569	1.8174
111.91	806.5569	1.8133
111.92	806.5569	1.8147
111.92	806.5569	1.8133
111.93	806.5569	1.8147
111.93	806.5569	1.8133
111.94	806.5569	1.8133
111.94	806.5569	1.8133
111.95	806.5569	1.8147
111.95	806.5569	1.8133
111.96	806.5569	1.8147
111.96	806.5569	1.8133
111.96	806.5569	1.8147
111.97	806.5569	1.8174
111.98	806.5569	1.8147
111.99	806.6947	1.8187
111.99	809.588	1.8201
112.01	813.1703	1.8215
112.26	816.6836	1.8269
112.32	816.6836	1.8255
112.48	816.6836	1.8282
112.52	816.6836	1.8309
112.74	816.6836	1.8336
113.24	816.6836	1.8404
113.39	816.6836	1.8431
113.54	816.6836	1.8444
113.7	816.6836	1.8458
113.82	816.6836	1.8458
113.99	816.6836	1.8498
114.57	818.1303	1.8566
115.02	821.6436	1.8647
115.4	825.157	1.8714
115.44	825.157	1.8728
115.52	825.157	1.8741
115.54	825.157	1.8741
115.58	825.157	1.8755
115.6	825.157	1.8755
115.63	825.157	1.8755

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
387.55	527.5357	5.6318
387.84	529.0046	5.6358
387.97	528.9199	5.6385
388.2	527.4792	5.6412
388.85	526.0102	5.6507
389.11	524.5977	5.6547
389.35	523.1569	5.6574
389.63	521.7162	5.6615
389.76	523.2134	5.6628
389.97	523.7784	5.6655
390.19	522.3377	5.6696
390.6	520.897	5.6763
391.03	519.4562	5.6831
391.38	518.0155	5.6885
391.53	516.603	5.6898
391.6	515.0775	5.6898
391.71	516.5748	5.6925
391.97	517.394	5.6966
392.11	515.9815	5.6979
392.47	514.5408	5.7033
392.76	513.1	5.7074
393.05	511.6876	5.7114
393.47	510.2468	5.7182
393.63	508.8061	5.7209
393.97	509.1733	5.7249
394.09	507.7326	5.7276
394.37	506.3201	5.7317
395.33	504.8229	5.7452
395.57	503.4104	5.7479
395.97	503.2691	5.7546
396.4	501.8284	5.76
396.58	500.4159	5.7614
397.04	498.9752	5.7681
397.27	497.5627	5.7722
397.52	496.1219	5.7763
397.97	496.3762	5.7817
398.11	494.9355	5.7857
398.76	493.4947	5.7938
399.43	492.0257	5.8046
399.51	490.6132	5.806
399.97	490.7827	5.8114
400.34	489.342	5.8181
400.63	487.9013	5.8222
401.01	486.4605	5.8276
401.52	485.0198	5.8357
401.57	483.6073	5.837
401.97	483.4943	5.8411
402.44	482.0536	5.8478
402.68	480.6128	5.8505
403.15	479.1721	5.8586
403.53	477.7314	5.864
403.97	477.9009	5.8694
404.18	476.4601	5.8735
404.29	475.0476	5.8748

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
197.98	845.4945	2.9043
197.98	845.4945	2.9043
198.06	845.4945	2.9057
198.24	845.4945	2.9084
198.47	845.4945	2.9124
198.5	845.4945	2.9124
198.55	845.4945	2.9138
198.62	845.4945	2.9124
198.65	845.4945	2.9124
198.66	845.4945	2.9124
198.71	847.4347	2.9151
199.95	849.4962	2.934
199.98	849.4962	2.934
200.14	849.4962	2.9354
200.26	849.4962	2.9367
200.37	849.4962	2.9394
200.67	849.4962	2.9421
200.71	850.6684	2.9421
201.63	850.6684	2.957
201.69	850.6684	2.9583
201.75	850.6684	2.9597
201.9	850.6684	2.9597
201.98	850.6684	2.9624
202.41	850.6684	2.9691
202.47	850.6684	2.9705
202.59	850.6684	2.9705
202.65	850.6684	2.9705
202.7	852.0428	2.9732
203.66	854.1447	2.988
203.98	854.1447	2.9921
204.41	854.1447	2.9975
204.68	854.1447	3.0002
204.84	855.6403	3.0042
205.35	855.6403	3.011
205.42	855.6403	3.0137
205.47	855.6403	3.0137
205.56	855.6403	3.0123
205.98	855.8019	3.0204
206.43	855.8019	3.0272
206.52	855.8019	3.0285
206.6	855.8019	3.0272
206.62	855.8019	3.0285
206.7	857.7826	3.0299
206.91	857.7826	3.0353
207.55	857.7826	3.0434
207.98	857.7826	3.0488
208.09	858.5506	3.0515
208.37	858.5506	3.0556
208.66	858.5506	3.0583
208.76	860.5312	3.0596
209.25	860.5312	3.0677
209.58	860.5312	3.0731
209.83	860.5312	3.0758
209.98	860.5312	3.0785

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
115.66	825.157	1.8768
115.7	825.157	1.8768
115.81	825.157	1.8728
115.82	825.157	1.8741
115.83	825.157	1.8741
115.83	825.157	1.8714
115.84	825.157	1.8728
115.85	825.157	1.8728
115.86	825.157	1.8728
115.87	825.3637	1.8755
115.89	828.9459	1.8755
115.99	831.2882	1.8795
116.9	834.7326	1.8917
116.94	834.7326	1.893
117.06	834.7326	1.8944
117.51	834.7326	1.9038
117.53	834.7326	1.9052
117.54	834.7326	1.9038
117.56	834.7326	1.9038
117.57	834.7326	1.9052
117.59	834.7326	1.9065
117.6	834.7326	1.9065
117.61	834.7326	1.9079
117.62	834.7326	1.9065
117.64	834.7326	1.9065
117.65	834.7326	1.9065
117.66	834.7326	1.9065
117.67	834.7326	1.9079
117.68	834.7326	1.9065
117.69	834.7326	1.9079
117.7	834.7326	1.9079
117.71	834.7326	1.9079
117.72	834.7326	1.9065
117.73	834.7326	1.9079
117.74	834.7326	1.9079
117.75	834.7326	1.9079
117.77	834.7326	1.9092
117.79	834.7326	1.9052
117.83	834.7326	1.9025
117.84	834.7326	1.9025
117.85	834.7326	1.9025
117.86	834.7326	1.9025
117.87	834.7326	1.9025
117.88	834.7326	1.9011
117.89	834.7326	1.9038
117.89	834.7326	1.9025
117.9	834.7326	1.9025
117.91	834.7326	1.9011
117.91	834.7326	1.9011
117.92	834.7326	1.9025
117.92	834.7326	1.9011
117.93	834.7326	1.9025
117.93	834.7326	1.9011
117.94	834.7326	1.9025

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
404.52	473.6352	5.8775
404.89	472.1944	5.8843
405.19	470.7819	5.8883
405.4	469.3412	5.891
405.56	467.9287	5.8937
405.97	468.7479	5.8991
406.3	467.3072	5.9045
407.05	465.8665	5.9153
407.97	464.9625	5.9275
408.22	463.5217	5.9329
408.46	462.1093	5.9356
409.02	460.6403	5.9437
409.5	459.1995	5.9518
409.58	457.7305	5.9491
409.71	459.1995	5.9545
409.97	458.5215	5.9572
410.28	457.1091	5.9612
410.84	455.6683	5.9693
411.13	454.2276	5.9747
411.48	452.7868	5.9801
411.62	451.2896	5.9815
411.97	450.1314	5.9869
412.81	448.6624	5.999
413.29	447.2499	6.0044
413.68	445.8092	6.0098
413.75	447.3064	6.0112
413.97	446.4589	6.0139
414.48	445.0182	6.022
414.86	443.5774	6.0274
415.1	442.1649	6.0314
415.6	440.7242	6.0395
415.97	440.3005	6.0449
416.22	438.888	6.0476
416.56	437.4755	6.053
416.84	436.0347	6.0571
417.42	434.594	6.0638
417.54	433.1815	6.0665
417.97	432.5883	6.0733
418.16	431.1758	6.076
418.54	429.7633	6.0814
418.88	428.3226	6.0868
419.28	426.8818	6.0922
419.53	425.4693	6.0963
419.97	425.8083	6.1017
420.2	424.3959	6.1044
420.45	422.9834	6.1084
421.45	421.5144	6.1233
421.62	420.1019	6.126
421.78	421.5709	6.1287
421.85	420.0736	6.1287
421.97	420.2714	6.13
422.36	418.8307	6.1368
423.32	417.3617	6.1503
423.38	418.8589	6.1516

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
210.26	860.5312	3.0826
210.41	860.5312	3.0853
210.78	860.5312	3.0893
211.43	860.5312	3.1001
211.56	860.5312	3.1015
211.98	860.8142	3.1082
212.11	860.8142	3.1096
212.55	860.8142	3.1163
212.61	860.8142	3.115
212.68	860.8142	3.1163
213.4	862.8353	3.1285
213.45	862.8353	3.1285
213.98	862.8353	3.1352
214.35	862.8353	3.1433
214.45	862.8353	3.1433
214.61	862.8353	3.146
214.68	862.8353	3.146
214.8	864.4521	3.1487
214.85	864.4521	3.1501
215.56	864.4925	3.1595
215.73	864.4925	3.1622
215.98	864.4925	3.1649
216.14	864.4925	3.1676
216.39	864.4925	3.1717
216.59	864.4925	3.173
216.62	864.4925	3.173
216.66	864.4925	3.1757
217.12	866.3519	3.1825
217.21	866.3519	3.1825
217.86	866.3923	3.1933
217.98	866.3923	3.196
218.27	866.3923	3.1987
218.33	866.3923	3.2
218.39	866.3923	3.2
218.62	866.3923	3.2041
218.69	867.6858	3.2054
218.75	867.6858	3.2041
219.03	867.6858	3.2095
219.57	867.6858	3.2162
219.98	867.6858	3.2243
220.37	867.6858	3.2284
220.45	867.6858	3.2311
220.55	867.6858	3.2324
220.62	867.6858	3.2324
220.69	867.6858	3.2338
221.27	867.6858	3.2419
221.35	867.6858	3.2432
221.98	867.6858	3.2527
222.46	867.6858	3.2608
222.53	867.6858	3.2608
222.62	867.6858	3.2608
222.65	867.6858	3.2621
222.7	869.5048	3.2621
223.98	869.5048	3.281

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.94	834.7326	1.9011
117.95	834.7326	1.8998
117.95	834.7326	1.9025
117.95	834.7326	1.9025
117.96	834.7326	1.9011
117.97	834.7326	1.9038
117.97	834.7326	1.9025
117.98	838.1771	1.9052
117.99	840.106	1.9052
118.01	843.6194	1.9106
118.33	843.6194	1.9119
118.36	843.6194	1.9146
118.43	843.6194	1.916
118.68	843.6194	1.9173
119.49	846.9949	1.9322
119.52	846.9949	1.9322
119.54	846.9949	1.9335
119.56	846.9949	1.9308
119.6	846.9949	1.9335
119.62	846.9949	1.9335
119.65	846.9949	1.9349
119.67	846.9949	1.9335
119.7	846.9949	1.9349
119.72	846.9949	1.9349
119.82	846.9949	1.9322
119.83	846.9949	1.9308
119.84	846.9949	1.9308
119.85	846.9949	1.9308
119.85	846.9949	1.9322
119.86	846.9949	1.9308
119.87	846.9949	1.9335
119.88	846.9949	1.9322
119.9	846.9949	1.9362
119.92	850.5772	1.9349
119.99	852.7128	1.9389
120.5	852.7128	1.9457
120.58	852.7128	1.9457
120.75	856.1572	1.9484
121.16	856.1572	1.9551
121.25	856.1572	1.9551
121.51	856.1572	1.9632
121.52	856.1572	1.9619
121.53	856.1572	1.9632
121.55	856.1572	1.9632
121.57	856.1572	1.9632
121.58	856.1572	1.9632
121.6	856.1572	1.9632
121.61	856.1572	1.9646
121.62	856.1572	1.9646
121.63	856.1572	1.9646
121.64	856.1572	1.9646
121.66	856.1572	1.9659
121.67	856.1572	1.9659
121.68	856.1572	1.9646

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
423.46	417.3617	6.153
423.61	415.9492	6.1557
423.75	417.4464	6.1557
423.96	416.8814	6.1584
424.36	415.4407	6.1651
425.2	413.9717	6.1786
425.25	415.4689	6.1773
425.5	414.0564	6.1813
425.58	412.644	6.184
425.63	414.1412	6.1827
425.96	414.7627	6.1894
426.04	413.2655	6.1894
426.88	411.8247	6.2016
427.24	410.384	6.207
427.51	408.9715	6.211
427.96	408.2935	6.2178
428.2	406.8528	6.2218
428.61	405.4403	6.2272
429.08	403.9995	6.234
429.37	402.5871	6.238
429.96	401.7113	6.2461
430.35	400.2988	6.2529
430.91	398.8581	6.261
431.53	397.4174	6.2704
431.82	398.8863	6.2731
431.88	397.3891	6.2745
431.96	398.0388	6.2745
432.01	396.5416	6.2758
432.39	395.1291	6.2812
432.59	393.7166	6.2853
433.43	392.2476	6.2974
433.96	392.9821	6.3042
434.27	391.5414	6.3096
434.81	390.1007	6.3177
435.48	388.6882	6.3258
435.96	388.6317	6.3339
436.85	387.1909	6.3474
437.49	385.7502	6.3568
437.96	386.2022	6.3622
438.47	384.7615	6.3703
439	383.349	6.3771
439.59	381.9082	6.3866
439.96	382.1625	6.3906
440.52	380.7218	6.4001
441.52	379.281	6.4136
441.73	380.75	6.4176
441.96	380.5523	6.4203
443.61	379.055	6.4446
443.79	380.5523	6.4446
443.96	381.1737	6.4514
444.04	379.6765	6.4487
444.59	378.2358	6.4581
444.93	376.8233	6.4635
445.22	375.4108	6.4689

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
224.28	870.1111	3.2851
224.36	870.1111	3.2864
224.5	870.1111	3.2891
224.6	870.1111	3.2905
224.65	870.1111	3.2905
225.94	870.1111	3.3094
225.98	870.1111	3.3107
226.02	870.4345	3.3107
226.24	870.4345	3.3134
226.31	870.4345	3.3148
226.4	870.4345	3.3161
226.48	870.4345	3.3188
226.58	870.4345	3.3188
226.67	870.4345	3.3188
227.98	870.4345	3.3391
228.12	871.2833	3.3404
228.18	871.2833	3.3418
228.33	871.2833	3.3445
228.43	871.2833	3.3472
228.49	871.2833	3.3472
228.61	871.2833	3.3472
228.69	871.2833	3.3486
229.98	871.2833	3.3675
230.13	872.5364	3.3702
230.2	872.5364	3.3715
230.53	872.5364	3.3769
230.61	872.5364	3.3769
230.68	872.5364	3.3783
231.9	872.5364	3.3958
231.96	872.5364	3.3958
231.98	872.8598	3.3958
232.36	872.8598	3.4039
232.44	872.8598	3.4053
232.5	872.8598	3.4053
232.61	872.8598	3.408
232.71	874.8	3.408
232.88	874.8	3.4093
233.2	870.6366	3.4134
233.28	872.6577	3.4161
233.74	870.5558	3.4228
233.98	871.4854	3.4255
234.4	869.3431	3.4323
234.46	867.2816	3.4323
234.6	869.3431	3.4336
234.61	871.4046	3.435
234.65	869.3027	3.4363
234.69	871.4046	3.435
234.93	873.5469	3.439
235.1	871.4854	3.4417
235.69	873.5874	3.4498
235.78	871.5259	3.4525
235.88	873.5469	3.4539
235.93	871.4854	3.4566
235.98	870.1111	3.4552

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
121.69	856.1572	1.9646
121.7	856.1572	1.9659
121.71	856.1572	1.9659
121.72	856.1572	1.9646
121.74	856.1572	1.9659
121.75	856.1572	1.9659
121.78	856.1572	1.9659
121.8	856.1572	1.9632
121.83	856.1572	1.9605
121.85	856.1572	1.9605
121.86	856.1572	1.9619
121.87	856.1572	1.9619
121.88	856.1572	1.9619
121.89	856.1572	1.9605
121.9	856.1572	1.9605
121.9	856.1572	1.9605
121.91	856.1572	1.9605
121.92	856.1572	1.9592
121.92	856.1572	1.9592
121.93	856.1572	1.9619
121.93	856.1572	1.9578
121.94	856.1572	1.9605
121.95	856.1572	1.9578
121.95	856.1572	1.9592
121.95	856.1572	1.9592
121.96	856.1572	1.9592
121.96	856.1572	1.9592
121.97	856.1572	1.9592
121.98	856.1572	1.9605
121.98	856.1572	1.9632
121.99	858.9128	1.9632
122	862.4951	1.9646
122.02	866.0084	1.9659
122.31	866.0084	1.974
122.52	866.0084	1.974
122.75	866.0084	1.9808
123.5	866.0084	1.9902
123.53	866.0084	1.9916
123.56	866.0084	1.9929
123.58	866.0084	1.9916
123.6	866.0084	1.9916
123.61	866.0084	1.9929
123.63	866.0084	1.9929
123.65	866.0084	1.9929
123.67	866.0084	1.9929
123.69	866.0084	1.9929
123.72	866.0084	1.9929
123.74	866.0084	1.9943
123.76	866.0084	1.9943
123.78	866.0084	1.9929
123.82	866.0084	1.9902
123.83	866.0084	1.9902
123.84	866.0084	1.9902
123.86	866.0084	1.9902

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
445.6	373.9983	6.4757
445.96	374.0831	6.477
446.42	372.6423	6.4851
447.02	371.2016	6.4946
447.1	369.7044	6.4959
447.22	368.2071	6.4973
447.47	366.7946	6.5013
447.96	366.7946	6.5067
448.61	365.3539	6.5175
449.96	365.9189	6.5364
450.2	364.5064	6.5418
451.02	363.0657	6.5526
451.96	362.3594	6.5661
452.37	360.9469	6.5715
453.04	359.5062	6.581
453.59	358.0937	6.5891
453.93	356.653	6.5945
453.96	356.201	6.5931
454.03	357.6982	6.5945
454.38	356.2575	6.5999
454.96	354.845	6.6093
455.42	353.4043	6.6161
455.96	353.2913	6.6228
456.28	351.8788	6.6282
456.68	350.4663	6.6336
457.07	349.0538	6.6404
457.94	347.6131	6.6525
457.96	348.0651	6.6512
458.27	346.6526	6.6579
459.3	345.2118	6.6714
459.79	346.6808	6.6782
459.96	345.8333	6.6822
460.79	344.3926	6.6944
461.51	342.9519	6.7039
461.64	344.4491	6.7039
461.96	344.4208	6.7106
462.11	342.9236	6.7133
462.95	341.4829	6.7228
463.38	340.0704	6.7309
463.74	338.5731	6.7349
463.96	339.5619	6.739
464.26	338.1494	6.7444
464.66	336.7369	6.7498
465.5	335.2962	6.7619
465.96	334.9007	6.7673
466.51	333.4882	6.7781
466.77	331.991	6.7795
466.84	333.4599	6.7808
466.89	331.991	6.7822
467.49	330.5502	6.7916
467.96	330.8892	6.7984
468.09	329.4202	6.7997
468.67	327.9795	6.8078
468.95	326.4823	6.8119

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
236.07	872.1726	3.4552
236.35	870.0707	3.4606
236.43	872.1322	3.462
236.46	870.0303	3.4633
236.5	867.9688	3.4633
236.54	865.9073	3.4633
236.62	867.9688	3.462
236.64	870.0303	3.4633
236.66	872.0918	3.4633
237.5	870.0707	3.4768
237.57	872.0918	3.4782
237.98	871.7684	3.4836
238.32	869.6665	3.489
238.62	871.6876	3.493
238.79	873.749	3.4957
238.85	871.6471	3.4971
239.98	871.3642	3.5133
240.38	869.2623	3.5187
240.58	867.1604	3.5227
240.61	869.2218	3.5227
240.69	871.2833	3.5227
241.1	869.1814	3.5281
241.98	868.8985	3.5416
242.46	866.7966	3.5497
242.52	864.7351	3.5497
242.59	866.7561	3.5511
242.64	868.8176	3.5524
243.47	866.7966	3.5646
243.98	865.7456	3.5713
244.03	867.8071	3.5727
244.12	865.7456	3.5727
244.16	867.8071	3.574
244.32	865.7052	3.5767
244.48	863.6437	3.5781
244.64	865.7052	3.5794
244.68	867.7263	3.5808
244.86	865.6648	3.5835
244.91	867.6858	3.5848
244.98	865.6243	3.5848
245.07	867.6858	3.5875
245.6	865.5435	3.5943
245.66	867.605	3.5956
245.76	865.5435	3.597
245.83	867.5646	3.5983
245.98	866.5945	3.5997
246.37	864.4925	3.6064
246.45	862.4311	3.6078
246.53	864.4925	3.6078
246.6	866.5136	3.6091
247	864.4117	3.6145
247.04	866.4732	3.6145
247.86	864.4117	3.628
247.98	865.3818	3.6294
248.38	863.2799	3.6348

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.87	866.0084	1.9916
123.88	866.0084	1.9902
123.89	866.0084	1.9902
123.89	866.0084	1.9889
123.9	866.0084	1.9902
123.91	866.0084	1.9875
123.92	866.0084	1.9889
123.93	866.0084	1.9889
123.93	866.0084	1.9916
123.94	866.0084	1.9916
123.95	866.0084	1.9929
123.99	866.9729	1.997
125.17	870.624	2.0132
125.51	870.624	2.0186
125.54	870.624	2.0199
125.56	870.624	2.0199
125.59	870.624	2.0199
125.61	870.624	2.0213
125.63	870.624	2.0213
125.64	870.624	2.0226
125.65	870.624	2.0226
125.67	870.624	2.0213
125.68	870.624	2.0226
125.7	870.624	2.0226
125.71	870.624	2.024
125.73	870.624	2.024
125.74	870.624	2.0226
125.75	870.624	2.0226
125.78	870.624	2.024
125.89	870.624	2.0213
125.91	870.624	2.0213
125.92	870.624	2.0199
125.93	870.624	2.0186
125.94	870.624	2.0199
125.95	870.624	2.0213
125.95	870.624	2.0172
125.96	870.624	2.0199
125.97	870.624	2.0199
125.98	870.624	2.0199
125.98	870.624	2.0172
125.99	870.624	2.0186
125.99	870.624	2.0186
126.01	870.624	2.0186
126.01	870.624	2.0186
126.02	870.624	2.0213
126.03	873.5862	2.024
126.04	877.1685	2.024
127.51	877.1685	2.051
127.53	877.1685	2.0483
127.54	877.1685	2.0496
127.57	877.1685	2.0496
127.59	877.1685	2.0496
127.61	877.1685	2.051
127.62	877.1685	2.0496

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
469.56	325.0698	6.82
469.96	324.759	6.8267
470.63	323.3465	6.8362
471.49	321.9058	6.8483
471.7	323.3748	6.851
471.96	322.6403	6.8537
472.59	321.1996	6.8659
473.17	319.7871	6.8726
473.37	318.2898	6.8767
473.78	319.7588	6.8807
473.96	319.0808	6.8834
474.27	317.6683	6.8902
475.43	316.2276	6.9064
475.96	316.1993	6.9131
476.95	314.7586	6.9266
477.96	314.5326	6.9442
478.21	313.0354	6.9455
478.87	311.6229	6.955
479.38	310.2104	6.9631
479.71	308.7132	6.9671
479.78	310.1822	6.9671
479.96	309.3347	6.9698
480.41	307.9222	6.9779
480.88	306.5097	6.9847
481.09	305.0124	6.9874
481.45	303.5152	6.9942
481.51	302.018	6.9942
481.59	303.5152	6.9942
481.96	303.2045	6.9996
483.08	301.7637	7.0158
483.16	303.261	7.0171
483.42	301.7637	7.0225
483.96	301.7355	7.0293
485.05	300.2947	7.0455
485.96	299.5037	7.0576
487.46	298.0348	7.0819
487.51	296.5658	7.0819
487.59	298.0348	7.0819
487.96	298.402	7.086
488.14	296.9048	7.0887
488.96	295.4923	7.1022
489.96	296.368	7.1157
490.39	294.8708	7.1224
491.96	294.5883	7.1454
493.46	293.1476	7.167
493.72	291.6503	7.171
493.96	290.5203	7.1751
494.23	289.0513	7.1778
494.63	290.4921	7.1832
495.01	288.9948	7.1899
495.96	288.9666	7.2034
496.42	287.4694	7.2102
497.2	286.0286	7.221
497.96	285.3506	7.2318

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
248.69	865.301	3.6388
249.2	863.1586	3.647
249.28	865.2201	3.647
249.38	863.1182	3.6497
249.98	863.482	3.6578
250.38	861.3801	3.6632
250.48	859.2782	3.6659
250.58	861.3397	3.6659
250.63	863.4012	3.6659
251.76	861.2993	3.6834
251.98	861.9864	3.6875
252.36	859.8441	3.6929
252.44	857.7826	3.6942
252.55	859.8441	3.6956
252.66	861.8652	3.6969
253.12	859.7632	3.7023
253.98	858.9548	3.7158
254.22	856.8933	3.7199
254.23	854.6701	3.7199
254.23	852.6086	3.7212
254.3	854.7106	3.7185
254.33	856.7316	3.7185
254.66	858.874	3.7253
255.03	856.7721	3.7307
255.41	854.6701	3.7374
255.98	855.9636	3.7442
256.13	853.8617	3.7482
256.45	851.8002	3.7523
256.6	853.8213	3.755
256.66	855.8828	3.7536
256.73	853.8213	3.7563
257.51	851.7598	3.7685
257.98	851.1939	3.7739
258.35	849.092	3.7793
258.41	846.9901	3.7806
258.59	849.0516	3.782
258.66	851.1131	3.7833
259.17	848.9707	3.7914
259.69	846.8688	3.7982
259.98	845.4136	3.8036
260.1	847.4751	3.8049
260.33	845.4136	3.8076
260.43	843.3117	3.809
260.64	845.3732	3.8117
261.29	843.1905	3.8225
261.89	841.0886	3.8306
261.98	841.0481	3.8319
262.11	838.9866	3.8333
262.14	841.0481	3.8333
262.24	838.9866	3.836
262.43	836.8847	3.8387
262.52	838.9462	3.84
262.64	840.9673	3.8414
262.72	838.9058	3.8441

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.64	877.1685	2.051
127.65	877.1685	2.051
127.67	877.1685	2.0523
127.68	877.1685	2.0523
127.7	877.1685	2.0523
127.72	877.1685	2.0523
127.73	877.1685	2.0523
127.75	877.1685	2.0496
127.78	877.1685	2.0537
127.81	877.1685	2.0523
127.85	877.1685	2.0496
127.87	877.1685	2.0496
127.89	877.1685	2.0496
127.91	877.1685	2.051
127.92	877.1685	2.0496
127.93	877.1685	2.0496
127.93	877.1685	2.0483
127.94	877.1685	2.0483
127.98	877.1685	2.0469
127.98	877.1685	2.0469
127.99	877.1685	2.0469
127.99	877.1685	2.0469
128	877.1685	2.0469
128	877.1685	2.0483
128.01	877.1685	2.0469
128.02	877.1685	2.0496
128.02	877.1685	2.0496
128.03	879.0974	2.0483
128.04	882.6796	2.0496
128.05	886.193	2.0523
128.29	886.193	2.0564
128.48	886.193	2.0591
128.89	886.193	2.0672
128.98	886.193	2.0699
129.49	886.193	2.0766
129.52	886.193	2.0766
129.54	886.193	2.078
129.58	886.193	2.078
129.6	886.193	2.0793
129.62	886.193	2.0807
129.63	886.193	2.0793
129.64	886.193	2.0807
129.66	886.193	2.0793
129.68	886.193	2.0807
129.69	886.193	2.0807
129.71	886.193	2.0793
129.73	886.193	2.082
129.77	886.193	2.0793
129.83	886.193	2.0793
129.85	886.193	2.078
129.86	886.193	2.0766
129.87	886.193	2.0766
129.88	886.193	2.0766
129.89	886.193	2.0766

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
498.87	283.9381	7.2453
499.96	283.4296	7.2588
500.2	281.9324	7.2655
501.23	280.4917	7.279
501.96	280.0962	7.2899
502.58	278.6837	7.2993
503.17	277.1865	7.3074
503.46	275.6892	7.3128
503.56	277.1582	7.3128
503.96	276.678	7.3196
504.23	275.209	7.3236
505.96	274.3897	7.3479
506.95	272.949	7.3628
507.51	271.4518	7.3709
507.59	272.9207	7.3709
507.96	273.175	7.3776
508.02	271.706	7.3776
508.77	270.2935	7.3884
508.78	271.8473	7.3898
508.79	273.3445	7.3911
508.81	271.8473	7.3938
508.82	270.3783	7.3938
508.83	268.881	7.3952
508.84	267.412	7.3952
508.85	265.9431	7.3952
508.86	264.4741	7.3952
508.87	262.9768	7.3952
508.88	261.5078	7.3952
508.89	260.0389	7.3965
508.89	258.5416	7.3965
508.9	257.0726	7.3965
508.91	255.6037	7.3952
508.92	254.1347	7.3965
508.92	252.6374	7.3979
508.93	251.1684	7.3965
508.94	249.6995	7.3952
508.95	248.2022	7.3979
508.96	246.7332	7.3979
508.96	245.2642	7.3979
508.97	243.7953	7.3965
508.98	242.3263	7.3952
508.99	240.829	7.3952
509.01	239.3601	7.3952
509.03	237.8911	7.3925
509.11	239.3601	7.3925
509.14	240.8573	7.3911
509.15	242.3263	7.3911
509.17	243.7953	7.3911
509.18	245.2642	7.3925
509.19	246.7615	7.3911
509.21	248.2305	7.3898
509.21	249.6995	7.3911
509.22	251.1967	7.3898
509.23	252.6657	7.3884

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
263.5	836.7635	3.8535
263.62	838.7845	3.8562
263.98	837.5315	3.8603
264.21	835.4296	3.8643
264.3	837.4506	3.867
264.35	835.4296	3.867
264.39	833.3276	3.8684
264.43	831.3066	3.8684
264.51	829.2451	3.867
264.57	831.3066	3.8657
264.58	833.3276	3.8684
264.62	835.3891	3.8684
264.66	837.4506	3.8697
264.85	835.3487	3.8724
264.92	837.4102	3.8738
264.98	835.3487	3.8765
265.67	833.2064	3.8859
265.98	832.3171	3.89
266.43	830.2152	3.8981
266.49	828.1537	3.8981
266.54	830.2152	3.8981
266.7	832.2363	3.9008
266.86	830.1748	3.9035
267.27	828.0729	3.9089
267.94	825.9305	3.9183
267.98	825.9305	3.9183
268.45	823.8286	3.9251
268.54	821.7267	3.9278
268.58	823.7882	3.9264
268.64	825.8497	3.9264
269.2	823.7073	3.9359
269.27	825.7688	3.9372
269.49	823.6669	3.9413
269.58	825.7284	3.9426
269.65	823.6669	3.944
269.98	825.0008	3.948
270.07	822.9393	3.9494
270.37	820.8374	3.9535
270.58	822.9798	3.9575
271.16	820.8778	3.9656
271.98	820.2311	3.9764
272.35	818.1292	3.9832
272.4	816.0677	3.9845
272.61	818.1292	3.9832
272.63	820.1503	3.9845
272.81	818.0484	3.9886
273.82	816.0273	4.0034
273.98	815.8656	4.0048
274.34	813.7637	4.0115
274.63	815.906	4.0156
275.16	813.8041	4.0223
275.98	812.5915	4.0358
276.35	810.4895	4.0412
276.46	808.4281	4.0426

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
129.9	886.193	2.0753
129.9	886.193	2.078
129.91	886.193	2.0766
129.92	886.193	2.0766
129.93	886.193	2.0766
129.94	886.193	2.0766
129.95	886.193	2.0766
129.96	886.193	2.0793
129.97	889.4997	2.082
129.99	890.4641	2.082
130.09	890.4641	2.0834
131.14	890.533	2.1009
131.5	890.533	2.1063
131.53	890.533	2.1063
131.55	890.533	2.1077
131.56	890.533	2.1063
131.58	890.533	2.109
131.6	890.533	2.109
131.61	890.533	2.109
131.63	890.533	2.109
131.65	890.533	2.109
131.66	890.533	2.1077
131.68	890.533	2.1104
131.7	890.533	2.109
131.71	890.533	2.1104
131.72	890.533	2.1104
131.74	890.533	2.1104
131.76	890.533	2.1104
131.85	890.533	2.109
131.86	890.533	2.1063
131.87	890.533	2.1077
131.88	890.533	2.1063
131.89	890.533	2.1063
131.9	890.533	2.105
131.91	890.533	2.1063
131.92	890.533	2.105
131.93	890.533	2.1063
131.93	890.533	2.105
131.94	890.533	2.1063
131.95	890.533	2.105
131.95	890.533	2.105
131.96	890.533	2.1036
131.97	890.533	2.1063
131.98	890.533	2.1077
131.99	894.0464	2.1077
131.99	894.2531	2.1077
132	897.8353	2.1104
132.44	897.8353	2.1171
132.5	897.8353	2.1185
132.69	897.8353	2.1212
133.5	897.8353	2.1361
133.52	897.8353	2.1334
133.55	897.8353	2.1374
133.56	897.8353	2.1361

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
509.24	254.1347	7.3884
509.24	255.6319	7.3898
509.25	257.1009	7.3884
509.26	258.5699	7.3884
509.26	260.0389	7.3898
509.27	261.6208	7.3871
509.27	263.0898	7.3898
509.28	264.6718	7.3871
509.28	266.1408	7.3911
509.29	267.6098	7.3884
509.3	269.0788	7.3911
509.3	270.576	7.3911
509.31	272.045	7.3938
509.34	273.514	7.3952
509.4	272.0168	7.3979
509.47	270.5478	7.3992
509.56	269.0505	7.4006
509.73	267.5815	7.4046
509.96	266.8188	7.4073
510.48	265.3216	7.4141
511.95	263.8808	7.4357
511.96	264.0786	7.437
512.81	262.6661	7.4478
513.96	262.6943	7.4627
514.22	261.2254	7.4681
514.84	259.6999	7.4762
515.96	259.1066	7.491
516.3	257.6376	7.4978
517.46	256.1969	7.5153
517.95	254.6997	7.5221
517.96	254.9822	7.5221
519.96	255.0952	7.5504
521.96	254.1629	7.5801
523.46	252.7222	7.6031
523.76	251.2532	7.6058
523.82	252.7222	7.6058
523.96	252.6374	7.6072
524.64	251.1119	7.6193
525.12	249.6147	7.6261
525.43	248.1457	7.6315
525.96	247.835	7.6382
527.96	248.0327	7.6666
529.07	246.6202	7.6828
529.96	245.9422	7.6963
531.18	244.5015	7.7138
531.96	243.9365	7.7246
532.51	242.4393	7.7341
533.96	242.4675	7.753
534.37	240.9985	7.7611
535.87	239.5578	7.7813
535.96	240.7443	7.7827
536.3	239.2753	7.7881
537.96	239.0211	7.8124
538.31	237.5238	7.8178

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
276.58	810.4895	4.0439
276.67	812.5106	4.0439
276.86	810.4491	4.048
277.46	808.3068	4.0561
277.98	807.175	4.0642
278.38	805.0731	4.0682
278.64	807.2154	4.0723
279.11	805.1135	4.0804
279.98	803.4966	4.0925
280.34	801.3947	4.0979
280.64	803.4562	4.1006
280.79	801.3543	4.106
281.09	799.2524	4.1087
281.39	797.1909	4.1141
281.46	795.089	4.1155
281.54	797.1505	4.1155
281.98	797.7972	4.1209
282.07	795.6953	4.1249
282.32	793.6338	4.1263
282.46	791.5723	4.129
282.57	793.6338	4.1303
282.63	795.6549	4.1317
282.96	793.5934	4.1357
283.28	791.4915	4.1398
283.81	789.3896	4.1479
283.98	789.3492	4.1519
284.32	787.2472	4.156
284.36	785.1857	4.1573
284.42	783.1647	4.1573
284.56	785.1857	4.1587
284.58	787.2068	4.16
285.03	785.1049	4.1668
285.07	783.0838	4.1668
285.18	785.1049	4.1668
285.81	782.9626	4.1776
285.87	780.9011	4.1789
285.94	782.9626	4.1803
285.98	782.9626	4.1803
286.03	780.9011	4.1816
286.16	782.9222	4.183
286.23	780.8607	4.1843
286.41	778.7992	4.1857
286.64	780.8607	4.1884
286.93	778.7587	4.1938
287.29	776.6568	4.1992
287.65	774.5549	4.2046
287.98	775.2017	4.21
288.14	773.1402	4.2127
288.21	771.0787	4.2113
288.28	773.1402	4.2127
289.23	771.1191	4.2275
289.76	768.9768	4.237
289.83	766.9557	4.2356
289.9	768.9768	4.2343

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.58	897.8353	2.1361
133.6	897.8353	2.1361
133.62	897.8353	2.1361
133.63	897.8353	2.1388
133.65	897.8353	2.1388
133.66	897.8353	2.1388
133.68	897.8353	2.1388
133.7	897.8353	2.1388
133.71	897.8353	2.1388
133.73	897.8353	2.1361
133.78	897.8353	2.1374
133.83	897.8353	2.1361
133.84	897.8353	2.1361
133.86	897.8353	2.1347
133.87	897.8353	2.1361
133.89	897.8353	2.1361
133.89	897.8353	2.1347
133.9	897.8353	2.1347
133.91	897.8353	2.1347
133.92	897.8353	2.1361
133.93	897.8353	2.1347
133.94	897.8353	2.1361
133.94	897.8353	2.1334
133.95	897.8353	2.1334
133.96	897.8353	2.1361
133.97	897.8353	2.1361
133.97	897.8353	2.1388
133.99	900.6598	2.1401
134.03	904.1731	2.1415
134.14	904.1731	2.1428
135.5	904.1731	2.1671
135.52	904.1731	2.1631
135.54	904.1731	2.1658
135.55	904.1731	2.1658
135.58	904.1731	2.1658
135.59	904.1731	2.1658
135.61	904.1731	2.1671
135.63	904.1731	2.1671
135.64	904.1731	2.1671
135.66	904.1731	2.1658
135.67	904.1731	2.1685
135.69	904.1731	2.1671
135.7	904.1731	2.1671
135.72	904.1731	2.1671
135.73	904.1731	2.1671
135.76	904.1731	2.1671
135.84	904.1731	2.1658
135.85	904.1731	2.1658
135.87	904.1731	2.1658
135.88	904.1731	2.1658
135.89	904.1731	2.1658
135.9	904.1731	2.1658
135.91	904.1731	2.1617
135.92	904.1731	2.1644

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
538.65	236.0548	7.8218
539	234.5576	7.8272
539.06	236.0548	7.8259
539.74	234.5293	7.838
539.96	234.9813	7.8407
540.37	233.5124	7.8488
541.09	232.0151	7.8569
541.14	233.4841	7.8569
541.67	231.9869	7.865
541.96	231.9869	7.8691
542.03	230.5179	7.8718
542.13	231.9869	7.8718
542.88	230.4896	7.8826
543.46	228.9924	7.892
543.95	228.7099	7.8988
544.11	227.2127	7.9015
545.15	225.8002	7.9164
545.21	227.2692	7.9164
545.95	226.6194	7.9272
546.52	225.1222	7.9366
547.5	223.6249	7.9501
547.6	225.0939	7.9501
547.72	223.5967	7.9542
547.95	223.9639	7.9555
548.04	222.495	7.9569
548.23	223.9639	7.9596
548.41	222.495	7.9636
548.93	223.9357	7.9704
549	222.4667	7.9717
549.95	222.4385	7.9839
550.07	220.9695	7.9866
550.14	222.4385	7.9866
550.22	220.9412	7.9893
550.91	219.4722	8.0001
550.97	220.9412	7.9987
551.46	219.444	8.0082
551.95	219.5287	8.0149
552.58	218.0315	8.0244
553.47	216.5343	8.0352
553.51	218.0032	8.0365
553.95	216.506	8.0433
553.95	216.4213	8.0446
555.95	216.732	8.0716
556.31	215.2348	8.077
556.81	213.7658	8.0851
557.07	212.2968	8.0892
557.95	212.5228	8.1013
558.94	211.0256	8.1162
559.95	210.4606	8.1297
560.85	208.9633	8.1432
561.95	208.7373	8.1594
562.67	207.2401	8.1702
562.75	208.7091	8.1702
562.82	207.2401	8.1729

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
289.98	769.9469	4.2356
290.41	767.8045	4.2451
290.45	765.7431	4.2464
290.51	763.722	4.2464
290.6	765.7431	4.2464
290.64	767.8045	4.2464
291	765.7026	4.2532
291.29	763.6411	4.2559
291.85	761.5392	4.264
291.92	763.5603	4.2667
291.98	762.186	4.2667
292.24	760.1245	4.2708
292.49	758.0226	4.2735
292.61	760.0841	4.2735
292.89	757.9821	4.2802
292.92	760.0436	4.2802
293	757.9821	4.2816
293.44	755.8802	4.2883
293.77	753.7783	4.2924
293.81	755.8398	4.2937
293.87	753.7783	4.2951
293.98	753.4954	4.2951
294.11	751.4339	4.2978
294.34	749.3724	4.3018
294.39	747.3109	4.3018
294.47	745.2494	4.3018
294.51	747.3109	4.3032
294.65	749.332	4.3059
294.91	747.2301	4.3099
295.16	745.1686	4.314
295.32	743.1071	4.3153
295.84	741.0052	4.3234
295.98	742.0965	4.3248
296.16	739.9946	4.3275
296.34	737.9331	4.3302
296.63	740.0755	4.3342
296.9	738.014	4.3383
297.18	735.9525	4.3423
297.23	738.014	4.341
297.34	735.9121	4.3437
297.39	737.9736	4.3437
297.48	735.9121	4.3464
297.53	737.9331	4.3477
297.6	735.8716	4.3491
297.98	736.1142	4.3545
298.26	734.0527	4.3572
298.38	731.9912	4.3585
298.63	734.1335	4.3626
299.1	732.0316	4.3707
299.26	729.9701	4.372
299.98	729.4851	4.3842
300.04	727.4236	4.3855
300.37	725.3621	4.3896
300.63	727.3831	4.3923

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
135.93	904.1731	2.1631
135.93	904.1731	2.1631
135.94	904.1731	2.1631
135.94	904.1731	2.1644
135.95	904.1731	2.1617
135.96	904.1731	2.1631
135.97	904.1731	2.1644
135.97	904.1731	2.1644
135.98	904.1731	2.1658
135.99	906.5843	2.1671
136.01	910.0976	2.1685
136.21	910.0976	2.1725
136.28	910.0976	2.1725
136.32	910.0976	2.1752
136.77	910.0976	2.1806
137	910.0976	2.1847
137.12	910.0976	2.186
137.18	910.0976	2.1874
137.37	910.0976	2.1887
137.45	910.0976	2.1914
137.5	910.0976	2.1928
137.52	910.0976	2.1914
137.59	910.0976	2.1941
137.62	910.0976	2.1941
137.73	910.0976	2.1914
137.75	910.0976	2.1941
137.76	910.0976	2.1941
137.79	910.0976	2.1914
137.8	910.0976	2.1914
137.81	910.0976	2.1928
137.82	910.0976	2.1941
137.83	913.4732	2.1941
137.99	914.0932	2.1968
139.4	917.7443	2.2198
139.46	917.7443	2.2211
139.5	917.7443	2.2225
139.53	917.7443	2.2225
139.54	917.7443	2.2225
139.56	917.7443	2.2211
139.59	917.7443	2.2238
139.6	917.7443	2.2238
139.61	917.7443	2.2238
139.62	917.7443	2.2252
139.64	917.7443	2.2238
139.65	917.7443	2.2252
139.67	917.7443	2.2238
139.69	917.7443	2.2238
139.7	917.7443	2.2252
139.72	917.7443	2.2252
139.73	917.7443	2.2238
139.76	917.7443	2.2252
139.85	917.7443	2.2252
139.87	917.7443	2.2238
139.89	917.7443	2.2225

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
563.41	205.7711	8.1823
563.47	204.3021	8.1823
563.59	205.7711	8.181
563.62	207.2401	8.181
563.95	206.4774	8.1891
564.19	205.0084	8.1918
565.95	205.4886	8.2175
567.25	204.0761	8.2364
567.33	205.5451	8.2364
567.95	205.3474	8.2472
568.48	203.8784	8.2526
568.54	205.3191	8.2553
569.48	203.8219	8.2688
569.55	205.2909	8.2701
569.95	205.2626	8.2755
570.83	203.7936	8.289
571.45	202.2964	8.2985
571.74	200.8274	8.3025
571.95	200.9122	8.3052
573.07	199.4149	8.3214
573.14	200.8839	8.3201
573.23	199.4149	8.3241
573.34	200.8839	8.3241
573.95	200.1212	8.3336
575.44	198.7087	8.3538
575.95	199.4997	8.3606
577.35	198.0872	8.3822
577.95	198.2567	8.3916
579.64	196.8442	8.4159
579.95	197.7482	8.42
581.1	196.2509	8.4362
581.95	195.3187	8.4483
583.95	194.5277	8.478
584.36	193.0305	8.4848
585.87	191.618	8.5064
585.95	192.2677	8.5064
586.53	190.7987	8.5159
586.96	192.2395	8.5226
587.9	190.7422	8.5361
587.94	189.3015	8.5361
587.95	189.1885	8.5361
588.1	187.7478	8.5388
588.4	186.2788	8.5429
589.55	184.7816	8.5604
589.95	184.5838	8.5645
591.67	183.1713	8.5901
591.95	182.8041	8.5928
592.44	181.3068	8.6023
592.71	179.8661	8.6063
593.18	178.3971	8.6117
593.95	178.1711	8.6239
594.99	176.7021	8.6387
595.95	176.0241	8.6522
596.88	174.5551	8.6671

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
300.88	725.2812	4.3963
301.22	723.2197	4.4017
301.74	721.1178	4.4085
301.98	720.0264	4.4112
302.31	717.9245	4.4166
302.45	715.863	4.4193
302.57	717.8841	4.4206
302.62	715.863	4.4206
302.66	717.9245	4.4193
302.75	715.8226	4.4247
303.36	713.7207	4.4328
303.84	711.6188	4.4395
303.98	711.4571	4.4409
304.26	709.3956	4.4449
304.39	707.3341	4.4476
304.47	705.3131	4.4476
304.55	707.3341	4.4476
305.19	705.2322	4.4584
305.37	703.1303	4.4611
305.58	705.1918	4.4638
305.63	703.1303	4.4652
305.97	702.5644	4.4692
306.11	700.5029	4.4719
306.55	698.401	4.4773
306.58	700.4221	4.4787
307.41	698.3202	4.4908
307.49	700.3412	4.4908
307.55	698.2797	4.4935
307.97	697.9564	4.4989
308.33	695.8949	4.5057
308.42	693.8334	4.5057
308.55	695.8544	4.507
308.64	697.9159	4.5084
308.94	695.814	4.5124
309.51	693.7121	4.5219
309.81	691.6506	4.5259
309.97	691.6506	4.5273
310.41	689.5487	4.5354
310.45	687.4872	4.5354
310.58	689.5083	4.5367
311.06	687.4468	4.5435
311.59	685.3449	4.5516
311.97	683.8089	4.5584
312.24	681.7474	4.5597
312.43	679.6859	4.5638
312.66	681.8282	4.5678
312.79	679.7667	4.5678
313.05	677.7052	4.5732
313.75	675.6033	4.5813
313.97	675.5629	4.584
314.15	673.5014	4.5881
314.29	671.4399	4.5908
314.33	669.4189	4.5908
314.81	667.3169	4.5975

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.9	917.7443	2.2238
139.9	917.7443	2.2211
139.91	917.7443	2.2211
139.92	917.7443	2.2225
139.93	917.7443	2.2211
139.93	917.7443	2.2198
139.94	917.7443	2.2225
139.95	917.7443	2.2211
139.95	917.7443	2.2198
139.96	917.7443	2.2211
139.96	917.7443	2.2198
139.97	917.7443	2.2225
139.98	917.7443	2.2225
139.99	917.7443	2.2238
139.99	917.7443	2.2238
140	921.2577	2.2252
140.02	924.7711	2.2279
140.23	924.7711	2.2306
141.26	924.7711	2.2454
141.5	924.7711	2.2508
141.52	924.7711	2.2522
141.54	924.7711	2.2522
141.55	924.7711	2.2522
141.57	924.7711	2.2549
141.58	924.7711	2.2549
141.59	924.7711	2.2535
141.6	924.7711	2.2549
141.61	924.7711	2.2549
141.62	924.7711	2.2535
141.64	924.7711	2.2535
141.65	924.7711	2.2549
141.66	924.7711	2.2535
141.67	924.7711	2.2549
141.68	924.7711	2.2562
141.69	924.7711	2.2562
141.7	924.7711	2.2549
141.71	924.7711	2.2576
141.72	924.7711	2.2549
141.73	924.7711	2.2549
141.76	924.7711	2.2562
141.77	924.7711	2.2549
141.86	924.7711	2.2522
141.88	924.7711	2.2535
141.89	924.7711	2.2522
141.9	924.7711	2.2508
141.91	924.7711	2.2508
141.92	924.7711	2.2495
141.92	924.7711	2.2508
141.93	924.7711	2.2495
141.94	924.7711	2.2495
141.94	924.7711	2.2495
141.95	924.7711	2.2495
141.95	924.7711	2.2495
141.96	924.7711	2.2508

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
597	175.9959	8.6671
597.4	174.5269	8.6738
597.95	174.5269	8.6806
599.62	173.0297	8.7062
599.85	174.4704	8.7089
599.95	174.1032	8.7089
601.95	174.4139	8.7386
602.69	172.9449	8.7494
603.95	172.5494	8.767
605.01	173.9619	8.7818
605.11	172.4929	8.7845
605.83	171.0239	8.7967
605.95	171.1087	8.7967
606.43	172.5494	8.8035
606.88	171.0804	8.8116
607.35	172.5212	8.817
607.4	171.0804	8.8183
607.51	172.5212	8.8197
607.95	171.7867	8.8251
608.88	170.3177	8.8399
609.95	170.9109	8.8534
611.15	169.4419	8.8723
611.22	170.8827	8.8737
611.91	169.4137	8.8845
611.95	169.7809	8.8831
612.76	168.312	8.8953
613.66	166.8147	8.9088
613.95	166.6452	8.9128
615	165.148	8.929
615.06	166.617	8.9277
615.6	165.148	8.9385
615.95	165.1197	8.9412
617.01	163.6507	8.9574
617.95	163.2553	8.9695
618.75	161.7863	8.983
619.45	160.3173	8.9925
619.95	159.7523	9.0006
620.76	158.2833	9.0114
621.7	156.8143	9.0249
621.95	157.6336	9.0289
623.95	157.2098	9.0586
625.36	155.7408	9.0789
625.45	157.1816	9.0775
625.95	156.6166	9.0856
627.95	156.4753	9.1153
628.5	157.916	9.1235
628.55	156.4753	9.1248
629.88	154.9781	9.1451
629.94	156.4188	9.1451
629.95	156.2493	9.1464
631.16	154.7803	9.1626
631.64	153.3113	9.1694
631.95	152.4921	9.1721
632.95	151.0231	9.1883

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
315.12	665.2554	4.6029
315.61	663.1535	4.611
315.97	662.8302	4.6151
316.19	660.8091	4.6178
316.33	658.7476	4.6205
316.39	656.6861	4.6218
316.55	658.7072	4.6218
317.2	656.6053	4.6326
317.83	654.5034	4.6407
317.97	653.9375	4.6448
318.03	651.9164	4.6448
318.12	653.9375	4.6448
318.23	651.876	4.6475
318.35	649.8549	4.6488
319.21	647.7126	4.6623
319.7	645.6106	4.6691
319.97	645.166	4.6731
320.19	643.1449	4.6758
320.35	641.0834	4.6772
320.47	639.022	4.6799
320.55	641.043	4.6799
320.98	638.9815	4.688
321.05	641.0026	4.688
321.22	638.9411	4.6907
321.69	636.8392	4.6988
321.96	634.8181	4.7015
321.97	635.0607	4.7028
322.03	633.0396	4.7028
322.11	635.0607	4.7028
322.31	632.9992	4.7082
322.36	630.9781	4.7069
322.43	628.9166	4.7082
322.55	630.9377	4.7082
322.63	632.9587	4.7096
322.83	630.8973	4.7136
322.87	632.9587	4.7136
322.96	630.8973	4.7163
323.1	628.8358	4.7177
323.34	626.7743	4.7217
323.88	624.6724	4.7312
323.97	624.5511	4.7298
324.3	622.4896	4.7366
324.38	620.4281	4.7366
324.66	622.5704	4.7406
324.93	620.509	4.7447
325.08	618.4475	4.7474
325.58	616.386	4.7555
325.97	615.2542	4.7595
326.08	613.2331	4.7609
326.32	611.1716	4.7636
326.44	609.1101	4.7676
326.56	611.1312	4.769
327	609.0697	4.7744
327.56	606.9678	4.7811

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
141.96	924.7711	2.2481
141.97	924.7711	2.2495
141.97	924.7711	2.2481
141.97	924.7711	2.2495
141.98	924.7711	2.2481
141.99	924.7711	2.2522
141.99	924.7711	2.2522
141.99	924.7711	2.2522
142	924.7711	2.2508
142.01	924.7711	2.2535
142.02	924.7711	2.2549
142.04	925.4599	2.2576
142.28	925.4599	2.2603
143.04	925.4599	2.2711
143.12	925.4599	2.2711
143.32	925.4599	2.2751
143.36	925.4599	2.2778
143.5	925.4599	2.2805
143.52	925.4599	2.2805
143.55	925.4599	2.2819
143.57	925.4599	2.2819
143.58	925.4599	2.2832
143.6	925.4599	2.2819
143.62	925.4599	2.2819
143.63	925.4599	2.2819
143.66	925.4599	2.2819
143.68	925.4599	2.2832
143.7	925.4599	2.2832
143.72	925.4599	2.2832
143.74	925.4599	2.2846
143.76	925.4599	2.2819
143.82	925.4599	2.2805
143.84	925.4599	2.2805
143.85	925.4599	2.2819
143.87	925.4599	2.2805
143.87	925.4599	2.2805
143.88	925.4599	2.2805
143.89	925.4599	2.2792
143.9	925.4599	2.2792
143.91	925.4599	2.2805
143.91	925.4599	2.2805
143.93	925.4599	2.2792
143.93	925.4599	2.2792
143.94	925.4599	2.2805
143.95	925.4599	2.2832
143.96	925.4599	2.2846
143.99	927.32	2.2859
144.42	927.32	2.2927
144.49	927.32	2.2927
144.54	927.32	2.2954
145.16	927.32	2.3021
145.35	927.32	2.3048
145.51	927.32	2.3089
145.55	927.32	2.3102

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
633.95	151.4469	9.2018
635.95	150.3169	9.2315
636.4	148.8479	9.2382
637.95	148.7349	9.2612
639.06	150.1474	9.2774
639.33	148.7066	9.2801
639.95	148.9609	9.2895
640.88	147.4919	9.303
641.95	147.6331	9.3179
643.74	146.1359	9.3449
643.95	146.6727	9.3476
645.95	145.7404	9.3773
647.9	144.2432	9.4056
647.95	143.7064	9.4056
649.35	142.2374	9.4259
649.95	142.2092	9.4327
650.51	140.7402	9.4435
651.34	139.2995	9.4556
651.94	137.8305	9.4624
651.95	138.0282	9.4624
653.02	136.5592	9.4786
653.61	137.9717	9.488
653.68	136.531	9.4894
653.95	137.1525	9.4934
655.07	135.6835	9.5096
655.71	134.2428	9.5177
655.95	133.5083	9.5204
656.3	132.0675	9.5272
656.53	130.5986	9.5312
657.04	129.1578	9.538
657.95	128.5081	9.5501
658.78	127.0391	9.5636
659.66	125.5983	9.5758
659.79	127.0391	9.5771
659.95	126.7566	9.5798
660.64	125.3158	9.5893
661.68	123.8469	9.6055
661.82	125.2876	9.6055
661.95	124.9204	9.6082
662.77	123.4514	9.6203
663.94	123.1689	9.6379
665.02	121.6999	9.6527
665.36	120.2591	9.6581
665.94	119.3552	9.6649
667.66	117.8579	9.6919
667.94	117.7732	9.6946
668.87	116.3042	9.7108
669.94	115.3154	9.7243
671.23	113.8465	9.7432
671.94	113.8182	9.754
673.35	112.3775	9.7743
673.94	111.8972	9.7824
674.12	110.4565	9.7837
675.69	108.9875	9.808

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
327.84	604.9063	4.7865
327.97	604.3404	4.7879
328.28	602.2789	4.7933
328.34	600.2578	4.7946
328.91	598.1559	4.8027
329.12	596.0944	4.8054
329.64	594.0329	4.8122
329.97	592.4969	4.8162
330.34	590.4354	4.823
331.28	588.2931	4.8365
331.34	586.272	4.8378
331.39	588.2931	4.8378
331.47	586.272	4.8392
331.97	585.5444	4.8473
332.01	583.4829	4.8486
332.22	581.4619	4.85
332.94	579.36	4.8608
333.12	577.2985	4.8635
333.49	575.237	4.8689
333.97	574.3477	4.8757
334.3	572.2862	4.8811
334.35	570.2652	4.8811
334.43	568.2441	4.8824
334.5	570.2652	4.8811
334.62	572.4075	4.8838
334.99	570.346	4.8892
335.27	568.2845	4.8946
335.94	566.1826	4.904
335.97	565.5358	4.904
336.33	563.4339	4.9108
336.42	561.4129	4.9108
336.48	563.4339	4.9108
336.55	565.455	4.9121
336.76	563.4339	4.9148
336.89	565.5763	4.9175
337.14	563.5148	4.9216
337.29	561.4533	4.9243
337.82	559.3918	4.9324
337.97	558.9876	4.9337
338.15	556.9261	4.9364
338.3	554.8646	4.9391
338.62	557.0069	4.9432
338.69	554.9859	4.9432
339.04	552.9244	4.9499
339.53	550.8629	4.9553
339.97	549.7311	4.9634
340.02	547.71	4.9621
340.29	545.6485	4.9675
340.43	543.587	4.9688
340.96	541.5255	4.9769
341.3	539.464	4.9823
341.78	537.4026	4.9877
341.97	536.9579	4.9918
342.35	534.8964	4.9972

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
145.61	927.32	2.3089
145.74	927.32	2.3062
145.75	927.32	2.3102
145.78	927.32	2.3089
145.79	927.32	2.3102
145.99	929.3866	2.3129
146.06	929.3866	2.3156
147.36	929.4555	2.3332
147.48	929.4555	2.3386
147.51	929.4555	2.3399
147.54	929.4555	2.3386
147.56	929.4555	2.3386
147.58	929.4555	2.3399
147.6	929.4555	2.3399
147.62	929.4555	2.3399
147.64	929.4555	2.3399
147.65	929.4555	2.3413
147.67	929.4555	2.3399
147.68	929.4555	2.3413
147.71	929.4555	2.3399
147.8	929.4555	2.3386
147.82	929.4555	2.3386
147.83	929.4555	2.3386
147.83	929.4555	2.3359
147.84	929.4555	2.3372
147.85	929.4555	2.3359
147.86	929.4555	2.3386
147.87	929.4555	2.3359
147.88	929.4555	2.3372
147.89	929.4555	2.3372
147.89	929.4555	2.3372
147.9	929.4555	2.3413
147.93	932.9	2.3426
147.99	932.9	2.3426
148.24	928.1466	2.348
149.06	924.4955	2.3588
149.2	920.9132	2.3615
149.79	906.6531	2.3642
149.8	910.1665	2.3642
149.81	913.7488	2.3656
149.82	917.2621	2.3683
149.83	920.8444	2.3683
149.99	920.5688	2.3737
151.38	917.0554	2.3912
151.99	925.7355	2.4007
152.19	922.1533	2.4034
152.9	918.5021	2.4142
152.99	914.9199	2.4155
153.49	911.2687	2.425
153.52	907.7554	2.425
153.54	904.1731	2.425
153.57	900.5909	2.4263
153.88	879.3041	2.425
153.89	882.8174	2.4263

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
675.8	110.4282	9.808
675.94	110.174	9.8107
677.43	108.705	9.8337
677.94	108.9592	9.8391
678.95	107.5185	9.8553
679.86	106.0495	9.8688
679.94	105.9648	9.8688
681.94	105.2868	9.8985
682.93	103.846	9.9133
683.94	103.5635	9.9268
684.56	102.1228	9.9376
685.94	101.2753	9.9565
687.94	100.7951	9.9862
688.77	99.35434	9.997
689.3	100.7951	10.0051
689.37	99.35434	10.0051
689.94	99.97583	10.0146
690.49	98.5351	10.0213
691.13	99.94758	10.0308
691.62	98.50685	10.0389
691.94	98.59159	10.0416
693.56	97.12261	10.0673
693.94	97.94185	10.0713
694.22	96.50111	10.0767
695.94	96.19037	10.101
696.09	94.74963	10.1037
696.2	96.19037	10.1037
696.4	94.74963	10.1091
697.13	93.30889	10.1199
697.94	93.30889	10.1307
698.36	91.86816	10.1375
698.47	93.28064	10.1361
699.3	91.83991	10.151
699.94	92.54615	10.1591
701.94	92.15065	10.1874
703.94	91.33141	10.2171
705.92	89.86242	10.2468
705.94	89.77768	10.2468
707.75	88.30869	10.2725
707.94	89.12793	10.2752
709.94	88.11094	10.3022
710.47	86.6702	10.3116
711.94	86.55721	10.3333
712.51	85.11647	10.3414
713.94	84.83397	10.363
715.43	83.39323	10.3832
715.94	83.11074	10.3913
717.94	82.91299	10.4183
719.42	81.47225	10.4413
719.94	80.65301	10.448
720.91	79.21227	10.4629
721.94	79.38177	10.4791
723.18	77.94103	10.4966
723.94	77.82804	10.5061

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
342.64	537.0388	4.9999
343.05	534.9773	5.008
343.97	534.088	5.0215
344.05	532.0265	5.0215
344.26	534.2093	5.0242
344.31	532.1478	5.0269
344.39	530.1267	5.0269
344.54	532.1478	5.0282
344.95	530.0863	5.035
345.02	532.1073	5.035
345.33	530.0459	5.039
345.97	529.6012	5.0498
346.29	527.5397	5.0539
347.23	525.4378	5.0687
347.87	523.3359	5.0768
347.97	523.4572	5.0782
348.35	521.3957	5.0849
348.41	519.3746	5.0849
348.54	521.3957	5.0863
349.31	519.2938	5.0984
349.97	518.162	5.1065
350.35	516.1005	5.1119
351.38	513.9986	5.1281
351.55	511.9371	5.1308
351.97	512.4625	5.1376
352.18	510.4011	5.1403
352.31	508.38	5.143
352.39	506.3589	5.143
352.5	508.38	5.143
352.62	510.5223	5.1457
352.85	508.4608	5.1497
353.13	506.4398	5.1538
353.71	504.3378	5.1619
353.97	504.1762	5.166
354.29	502.1551	5.17
354.49	500.0936	5.1741
354.58	502.1147	5.1741
354.94	500.0532	5.1795
355.09	498.0321	5.1822
355.27	495.9706	5.1849
355.74	493.9091	5.1916
355.97	492.8177	5.1943
356.17	490.7967	5.197
356.3	488.7352	5.1997
356.36	486.7141	5.1997
356.8	484.6526	5.2051
357.12	482.5911	5.2105
357.41	480.5296	5.2159
357.41	478.5086	5.2159
357.42	476.3662	5.2159
357.42	474.3452	5.2159
357.44	472.2837	5.2173
357.48	470.2626	5.2173
357.53	468.2415	5.2186

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
153.9	886.3997	2.425
153.91	889.913	2.425
153.92	893.4953	2.4236
153.92	897.0775	2.4236
153.93	900.5909	2.425
153.94	904.1731	2.4236
153.95	907.7554	2.4236
153.95	911.2687	2.425
153.96	914.851	2.4263
153.97	918.3643	2.4277
153.99	921.8777	2.4291
153.99	922.4288	2.4277
156.65	913.9554	2.4696
156.69	910.3732	2.4709
157.17	906.7909	2.4777
157.44	910.3043	2.4804
157.47	906.722	2.4831
157.5	903.1398	2.4831
157.52	899.6264	2.4831
157.55	896.0442	2.4844
157.75	860.4973	2.4871
157.82	864.0795	2.4831
157.84	867.5929	2.4831
157.84	871.1751	2.4844
157.86	874.6885	2.4831
157.86	878.2707	2.4831
157.91	899.6264	2.4831
157.92	903.1398	2.4817
157.93	906.722	2.4831
157.94	910.2354	2.4844
157.95	913.8176	2.4844
157.99	915.1954	2.4871
158.19	911.6132	2.4939
158.61	907.962	2.4979
159.45	904.3109	2.5101
159.51	900.7287	2.5114
159.73	904.3109	2.5141
159.79	907.8243	2.5128
159.89	911.4065	2.5155
159.99	910.6487	2.5182
160.2	907.0665	2.5195
161.57	892.8753	2.5425
161.58	889.3619	2.5438
161.59	885.7797	2.5425
161.61	882.2663	2.5425
161.62	878.6841	2.5438
161.64	875.1018	2.5438
161.65	871.5885	2.5438
161.66	868.0062	2.5452
161.68	864.424	2.5452
161.69	860.9106	2.5438
161.71	857.3972	2.5425
161.75	853.815	2.5452
161.84	857.3972	2.5411

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
725.14	79.24052	10.5236
725.37	77.82804	10.5277
725.47	79.24052	10.529
725.94	78.87328	10.5358
727.37	77.43254	10.556
727.94	78.50603	10.5641
729.69	77.03704	10.5911
729.94	77.85629	10.5952
731.94	77.91278	10.6235
733.77	76.47205	10.6506
733.94	76.81104	10.6506
735.25	75.37031	10.6695
735.94	76.4438	10.6803
737.94	75.7093	10.71
739.94	75.31381	10.7383
741.94	75.65281	10.768
743.83	74.21207	10.795
743.94	75.08781	10.7964
744.63	73.64707	10.8072
745.94	73.73182	10.8261
746.37	75.14431	10.8315
746.44	73.73182	10.8355
747.94	73.61882	10.8544
749.94	72.79958	10.8841
751.94	72.77133	10.9111
752.86	71.33059	10.9273
752.97	72.77133	10.926
753.06	71.33059	10.93
753.94	72.29109	10.9409
755.7	70.85035	10.9692
755.84	72.29109	10.9679
755.94	72.20634	10.9706
757.94	72.88433	10.9989
759.94	71.69784	11.0259
761.94	72.48883	11.057
763.94	72.26284	11.0867
765.94	72.26284	11.1164
767.94	72.23459	11.1434
769.94	71.83909	11.1744
770.42	70.4266	11.1812
770.53	71.83909	11.1812
771.94	71.47184	11.2014
773.94	71.1046	11.2298
774.36	69.66386	11.2379
774.39	68.25137	11.2393
775.94	68.75987	11.2609
776.65	67.34738	11.2717
776.82	68.75987	11.2717
776.84	67.34738	11.2771
776.86	65.93489	11.2771
776.87	64.52241	11.2784
776.89	63.10992	11.2784
776.9	61.69743	11.2784
776.92	60.28495	11.2771

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
357.65	470.2626	5.2159
357.67	472.3241	5.2159
357.69	474.3452	5.2159
357.71	476.4875	5.2159
357.72	478.6298	5.2173
357.73	480.6913	5.2173
357.86	482.8337	5.2213
357.97	481.4593	5.2227
358.08	479.4383	5.2254
358.3	477.3768	5.2281
358.86	475.3153	5.2362
359.48	473.2538	5.2456
359.62	471.1923	5.247
359.97	471.0306	5.2524
360.29	469.0095	5.2564
361.1	466.9076	5.2686
361.7	464.8461	5.2767
361.97	464.2802	5.2807
362.27	462.2187	5.2861
362.84	460.1572	5.2942
363.18	458.0958	5.2996
363.3	456.0747	5.301
363.74	454.0132	5.3077
363.97	454.7004	5.3104
364.12	452.6389	5.3131
364.38	450.6178	5.3172
364.94	448.5563	5.3239
364.99	450.5774	5.3239
365.08	448.5159	5.3266
365.36	446.4948	5.3307
365.49	444.4737	5.332
365.72	442.4123	5.3347
365.89	440.3912	5.3374
365.97	441.3209	5.3401
366.02	439.2998	5.3401
366.28	437.2383	5.3455
366.31	435.2172	5.3455
366.36	433.1962	5.3455
366.51	435.2172	5.3442
366.53	437.3596	5.3469
367.02	435.2981	5.355
367.38	433.277	5.3604
367.75	431.2155	5.3644
367.97	430.9326	5.3698
368.04	428.9115	5.3698
368.34	426.85	5.3725
368.92	424.7885	5.382
369.16	422.7675	5.386
369.33	420.706	5.3887
369.58	418.6849	5.3914
369.97	416.6234	5.3968
369.97	416.6234	5.3968
370.29	414.6023	5.4009
370.5	412.5813	5.4036

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.86	860.9106	2.5425
161.87	864.4928	2.5411
161.88	868.0751	2.5411
161.89	871.5885	2.5425
161.95	900.0398	2.5411
161.96	903.5531	2.5411
161.96	907.0665	2.5438
161.99	910.6487	2.5452
161.99	910.6487	2.5438
162.32	906.9976	2.5506
162.99	903.3465	2.5614
163.5	899.7642	2.5708
163.57	896.182	2.5695
163.59	892.5997	2.5722
163.62	889.0864	2.5708
163.65	885.5041	2.5708
163.77	889.0864	2.5681
163.78	892.6686	2.5668
163.79	896.2508	2.5668
163.8	899.7642	2.5695
163.81	903.2776	2.5708
163.82	906.7909	2.5735
163.96	903.2776	2.5749
163.99	902.5198	2.5735
164.23	898.9375	2.5776
164.32	895.3553	2.5816
164.46	891.8419	2.583
164.53	888.2597	2.583
165.09	884.6085	2.5924
165.49	881.0263	2.5978
165.54	877.444	2.5992
165.59	873.9307	2.6005
165.61	870.3484	2.5992
165.65	866.8351	2.6005
165.78	870.4173	2.5965
165.79	873.9307	2.5965
165.8	877.444	2.5978
165.82	881.0263	2.5978
165.83	884.5397	2.6005
165.94	888.053	2.6032
165.99	886.3997	2.6046
166.23	882.8174	2.6073
166.9	879.1663	2.6194
167.47	875.5151	2.6275
167.51	872.0018	2.6289
167.53	868.4195	2.6289
167.55	864.9062	2.6302
167.57	861.3239	2.6302
167.58	857.8106	2.6302
167.59	854.2283	2.6302
167.6	850.715	2.6302
167.62	847.1327	2.6316
167.63	843.5505	2.6316
167.64	840.0371	2.6302

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
776.94	58.84421	11.2798
776.95	57.43172	11.2784
776.97	56.01924	11.2811
776.98	54.60675	11.2798
777	53.19426	11.2811
777.01	51.78177	11.2811
777.02	50.36929	11.2811
777.03	48.9568	11.2811
777.05	47.54431	11.2798
777.06	46.13183	11.2784
777.09	44.71934	11.2784
777.23	46.13183	11.2771
777.26	47.54431	11.2771
777.28	48.9568	11.2757
777.3	50.36929	11.2771
777.31	51.78177	11.2757
777.32	53.19426	11.2744
777.33	54.60675	11.2744
777.34	56.01924	11.2744
777.35	57.45997	11.2744
777.36	58.87246	11.2757
777.36	60.28495	11.273
777.37	61.69743	11.2744
777.38	63.10992	11.2744
777.38	64.52241	11.273
777.39	65.93489	11.2744
777.4	67.34738	11.2744
777.4	68.75987	11.2757
777.63	67.34738	11.2852
777.94	67.51688	11.2892
779.94	66.69764	11.3176
781.93	66.95189	11.3473
783.93	66.92364	11.377
785.32	65.4829	11.3972
785.93	66.72589	11.404
786.12	65.3134	11.408
786.39	66.81064	11.4134
786.44	65.39815	11.4148
787.93	66.16089	11.4337
789.09	64.74841	11.4512

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
370.54	414.7236	5.4063
370.9	412.6621	5.4103
370.95	414.8044	5.4117
371.36	412.7834	5.4171
371.95	410.7219	5.4265
371.97	410.7219	5.4265
372.23	408.6604	5.4306
372.39	406.6393	5.4346
372.48	404.6182	5.4346
372.52	406.6393	5.4319
372.56	408.7816	5.4333
373.05	406.7202	5.4427
373.38	404.6991	5.4468
373.67	402.6376	5.4508
373.97	402.1121	5.4549
374.31	400.0506	5.4616
375.15	397.9891	5.4725
375.81	395.9276	5.4819
375.97	395.8872	5.4846
376.17	393.8661	5.4873
376.41	391.8451	5.49
376.52	393.9874	5.4914
376.83	391.9259	5.4968
377.01	394.1087	5.4995
377.31	392.0472	5.5035
377.73	389.9857	5.5103
377.97	390.7941	5.5143
378.3	388.7731	5.5184
379.35	386.6711	5.5332
379.75	384.6501	5.5386
379.97	384.7309	5.5427
380.3	382.7098	5.5467
380.51	380.6888	5.5494
380.55	382.8311	5.5508
380.84	380.81	5.5548
381.24	378.7485	5.5616
381.55	376.7275	5.5656
381.94	374.666	5.571
381.97	374.383	5.5724
382.22	372.362	5.5764
382.27	370.2196	5.5764
382.86	368.1581	5.5845
383.24	366.0966	5.5899
383.53	364.0756	5.594
383.97	363.2671	5.5994
384.22	361.2057	5.6048
385	359.1442	5.6156
385.81	357.0827	5.6277
385.97	356.3955	5.6291
386.39	354.3744	5.6372
386.59	356.5168	5.6385
386.9	354.4553	5.6426
387.42	352.4342	5.6507
387.92	350.3727	5.6574

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.65	836.4549	2.6316
167.67	832.9415	2.6316
167.68	829.3593	2.6329
167.69	825.8459	2.6329
167.7	822.2637	2.6329
167.71	818.7503	2.6302
167.74	815.168	2.6316
167.76	811.6547	2.6302
167.82	815.2369	2.6289
167.84	818.7503	2.6289
167.85	822.2637	2.6302
167.87	825.8459	2.6289
167.98	875.7907	2.6289
167.99	879.3041	2.6302
167.99	879.7863	2.6316
168	883.2996	2.6329
168.28	879.7174	2.6383
168.55	876.1351	2.641
168.95	872.484	2.6491
172.56	862.6328	2.7004
173.15	858.9817	2.7085
173.48	855.3994	2.7153
173.51	851.8172	2.7139
173.55	848.3038	2.7166
179.9	828.877	2.799
179.91	832.3904	2.8017
179.91	835.9726	2.8031
179.92	839.486	2.8044
179.94	842.9994	2.8058
179.99	843.206	2.8085
180.1	839.6927	2.8085
180.26	836.1104	2.8112
180.7	832.5282	2.8179
181.16	828.9459	2.8247
181.49	825.3637	2.8287
181.56	821.7814	2.8314
181.59	818.2681	2.8314
181.74	821.7814	2.8301
181.76	825.3637	2.8287
181.77	828.877	2.8314
181.79	832.3904	2.8328
181.99	829.7726	2.8368
182.35	826.1903	2.8422
182.87	822.5392	2.849
183.47	818.957	2.8598
183.56	815.3747	2.8598
183.72	818.957	2.8611
183.78	822.4703	2.8611
183.99	821.0236	2.8652
184.27	817.4414	2.8692
185.28	813.7903	2.8841
185.51	810.208	2.8881
185.57	806.6258	2.8895
185.65	803.1124	2.8895

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
387.97	350.1302	5.6574
388.5	348.0687	5.6642
389.97	346.8965	5.6871
390.3	344.8754	5.6925
391.84	342.7735	5.7155
391.97	343.299	5.7168
392.34	341.2779	5.7222
393.04	339.2164	5.7317
393.54	337.1549	5.7398
393.97	336.0635	5.7452
394.24	334.0425	5.7506
394.86	331.981	5.7587
395.78	329.9599	5.7708
395.97	330.6067	5.7735
396.41	328.5856	5.7803
396.74	330.6875	5.7857
397.02	328.6664	5.7898
397.97	329.0302	5.8033
398.04	327.0091	5.806
398.74	324.9477	5.8141
398.89	322.9266	5.8168
399.04	320.9055	5.8195
399.18	318.7632	5.8208
399.34	316.7421	5.8235
399.64	314.721	5.8276
399.9	312.6596	5.833
399.97	312.9425	5.8316
400.46	310.9214	5.8397
401.45	308.8599	5.8546
401.97	308.4153	5.86
402.37	306.3942	5.8681
402.58	308.5366	5.8694
402.79	306.5155	5.8735
403.7	304.454	5.887
403.97	305.1007	5.8897
404.29	303.0797	5.8951
405.24	301.0182	5.9086
405.97	300.0481	5.9194
407.33	297.9462	5.9396
407.97	298.7546	5.9491
408.38	296.7335	5.9545
408.77	294.672	5.9599
409.49	292.651	5.9707
409.97	290.9937	5.9774
410.41	288.9726	5.9842
411.32	286.9515	5.9963
411.71	284.89	6.0004
411.97	284.89	6.0058
412.14	282.869	6.0098
412.72	280.8479	6.0179
413.35	278.7864	6.0274
413.93	276.7653	6.0355
413.97	276.2399	6.0355
414.36	274.2188	6.0409

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
185.73	806.6947	2.8854
185.74	810.208	2.8868
185.76	813.7214	2.8895
185.98	815.3747	2.8935
186.29	811.7925	2.8989
186.96	808.1413	2.9084
187.27	804.5591	2.9138
187.49	800.9768	2.9178
187.54	797.4635	2.9178
187.56	793.9501	2.9178
187.59	790.3679	2.9178
187.61	786.8545	2.9192
187.64	783.2723	2.9205
187.65	779.7589	2.9205
187.67	776.2455	2.9192
187.77	779.7589	2.9165
187.78	783.2723	2.9178
187.8	786.8545	2.9165
187.8	790.3679	2.9165
187.82	793.9501	2.9165
187.83	797.4635	2.9151
187.84	800.9768	2.9165
187.85	804.4902	2.9192
187.86	808.0724	2.9192
187.98	810.1391	2.9219
188.07	806.6258	2.9246
188.49	803.0435	2.93
189.17	799.3924	2.9408
189.27	802.9057	2.9421
189.45	799.3235	2.9462
189.48	795.8101	2.9462
189.53	792.2968	2.9462
189.57	788.7145	2.9489
189.58	785.2012	2.9489
189.61	781.6189	2.9462
189.75	785.2012	2.9448
189.76	788.7145	2.9448
189.78	792.2968	2.9448
189.79	795.8101	2.9462
189.8	799.3235	2.9475
189.83	802.8368	2.9489
189.98	803.0435	2.9516
190.45	799.4613	2.9583
191.16	795.879	2.9691
191.35	799.3924	2.9718
193.77	782.8589	3.0015
193.78	786.3723	3.0029
193.79	789.8856	3.0042
193.88	793.399	3.0083
193.98	794.5701	3.0096
194.14	791.0568	3.011
194.45	787.4056	3.0177
194.58	790.9879	3.0177
194.79	787.4056	3.0218

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
414.51	276.3207	6.0422
414.72	274.2996	6.0463
415.85	272.2786	6.0625
415.97	273.2083	6.0638
416.27	271.1872	6.0692
417.11	269.1257	6.0814
417.54	267.1046	6.0882
417.85	264.9623	6.0909
417.97	264.6793	6.0922
418.25	262.6583	6.0976
418.38	260.5159	6.099
418.73	258.4949	6.103
418.92	256.3525	6.1071
419.4	254.291	6.1138
419.94	252.27	6.1219
419.97	252.1487	6.1219
420.48	250.1276	6.13
420.84	248.1066	6.1354
421.28	246.0855	6.1408
421.97	245.5196	6.1489
422.63	247.6215	6.1597
423.02	245.6004	6.1678
423.82	243.5794	6.1786
423.96	244.3878	6.1786
424.38	242.3263	6.1867
424.63	244.4686	6.1894
424.98	242.4476	6.1962
425.9	240.4265	6.2083
425.96	241.3562	6.2097
426.18	239.2139	6.211
426.45	241.3158	6.2151
426.92	239.2947	6.2232
427.46	237.2736	6.2299
427.96	237.2736	6.2367
428.24	235.0909	6.2434
428.31	232.9485	6.2434
428.36	230.8062	6.2448
428.52	232.989	6.2421
428.55	235.0909	6.2448
428.58	237.2332	6.2461
428.82	235.0909	6.2515
429.2	232.9485	6.2556
429.96	232.6656	6.265
430.34	230.6041	6.2731
430.51	232.7464	6.2745
431.08	230.7254	6.2839
431.96	229.2298	6.2961
433.72	227.1683	6.3231
433.93	229.3106	6.3231
433.96	229.1489	6.3258
434.24	227.0066	6.3298
434.33	224.8643	6.3298
434.45	227.0066	6.3312
434.58	229.1489	6.3339

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
195.35	783.8234	3.0299
195.44	780.2411	3.0326
195.49	776.7278	3.0339
195.54	773.1455	3.0353
195.57	769.6322	3.0339
197.45	773.4211	3.0623
197.48	769.9077	3.0623
197.51	766.3255	3.0623
197.54	762.8121	3.0637
197.55	759.2988	3.0637
197.57	755.7165	3.0637
197.59	752.2032	3.0664
197.89	773.4211	3.0623
197.9	776.9344	3.0637
197.92	780.4478	3.0664
197.98	779.9656	3.0677
198.25	776.3833	3.0731
198.42	772.87	3.0745
198.73	769.2877	3.0785
199.02	765.7055	3.0826
199.44	762.1232	3.0907
199.48	758.6099	3.0907
199.53	755.0276	3.092
199.56	751.5143	3.0934
199.59	748.0009	3.0934
199.62	744.4187	3.0934
199.69	740.9053	3.0907
199.73	744.4875	3.0893
199.75	748.0009	3.0907
199.76	751.5143	3.0893
199.77	755.0965	3.0893
199.78	758.6099	3.0907
199.79	762.1232	3.0907
199.8	765.6366	3.0934
199.98	764.6721	3.0961
200.38	761.0899	3.1028
200.63	757.5076	3.1082
201.45	753.8565	3.1204
201.51	750.3431	3.119
201.58	746.8298	3.1217
201.71	750.3431	3.1204
201.74	753.8565	3.1204
201.76	757.4387	3.1217
201.98	758.0588	3.1258
202.2	754.5454	3.1298
203.11	750.8943	3.142
203.45	747.312	3.1501
203.48	743.7986	3.1487
203.53	740.2164	3.1501
203.55	736.703	3.1514
203.58	733.1897	3.1501
203.6	729.6074	3.1514
203.63	726.0941	3.1501
203.65	722.5807	3.1514

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
434.77	227.0066	6.3366
434.85	224.8643	6.3379
434.91	227.0066	6.3366
435.05	224.8238	6.342
435.96	225.3493	6.3541
436.26	223.207	6.3568
437.96	223.9346	6.3812
438.28	221.7922	6.3879
438.55	223.9346	6.3906
438.78	221.7922	6.3947
439.01	219.6499	6.3987
439.58	217.4671	6.4068
439.96	218.2756	6.4109
440.05	216.1332	6.4122
440.17	218.2756	6.4149
440.25	216.1332	6.4176
440.36	213.9909	6.4163
440.42	216.1332	6.4176
440.57	218.2352	6.4203
440.84	216.0928	6.4257
440.91	213.9505	6.4257
441.85	211.9294	6.4406
441.96	212.3336	6.4406
442.29	210.1913	6.446
442.54	212.3336	6.446
442.71	210.1913	6.4514
443.38	208.1298	6.4622
443.96	207.8469	6.4689
444.26	205.7045	6.4743
444.37	203.6026	6.4743
444.45	205.7045	6.4743
444.54	207.8469	6.477
444.79	205.7045	6.4811
445.79	203.6834	6.4986
445.96	204.2089	6.4959
446.26	202.0666	6.504
446.4	204.2089	6.5027
446.58	206.3108	6.5067
446.83	204.1685	6.5121
447.59	202.1474	6.5243
447.69	200.0051	6.5243
447.78	202.1474	6.5243
447.96	202.39	6.5283
448.26	200.2476	6.5351
448.56	202.39	6.5351
448.76	200.2476	6.5405
449.31	198.1053	6.5472
449.64	200.2072	6.5513
449.96	199.1563	6.5567
450.28	197.0139	6.5621
450.47	199.1158	6.5621
451.26	197.0948	6.5756
451.96	195.7609	6.585
452.3	193.6185	6.5918

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
203.68	719.0674	3.1501
203.76	722.5807	3.1487
203.77	726.0941	3.1501
203.79	729.6763	3.1487
205.61	725.6807	3.1811
205.63	722.0985	3.1798
205.67	718.5851	3.1811
205.75	722.1674	3.1784
205.76	725.6807	3.1771
205.77	729.1941	3.1784
205.79	732.7075	3.1771
205.8	736.2897	3.1771
205.81	739.8031	3.1784
205.83	743.3164	3.1811
205.86	746.8298	3.1825
205.98	744.212	3.1838
206.29	740.6297	3.1892
206.65	737.1164	3.1933
207.29	733.4652	3.2041
207.56	729.883	3.2081
207.7	733.4652	3.2095
207.82	736.9786	3.2095
207.98	735.7386	3.2122
208.48	732.1563	3.2203
209.35	728.5741	3.2338
209.51	724.9918	3.2351
209.56	721.4785	3.2378
209.71	724.9918	3.2365
209.74	728.5052	3.2365
209.76	732.0186	3.2378
209.98	730.5719	3.2419
210.43	726.9896	3.2486
210.61	730.503	3.2513
210.67	726.9896	3.2513
211.47	723.4074	3.2635
212.39	720.4451	3.277
212.62	716.9318	3.281
212.94	713.3495	3.2851
213.83	713.2807	3.2945
213.85	716.794	3.2959
213.98	715.3473	3.2999
214.15	711.834	3.3026
214.3	708.2517	3.3053
214.62	704.7384	3.3094
215.19	701.1561	3.3175
215.48	697.5739	3.3215
215.74	701.0872	3.3242
215.84	704.6006	3.3256
215.98	703.6361	3.3296
216.13	700.1228	3.331
217.08	696.4716	3.3459
217.47	692.8894	3.3526
217.52	689.376	3.354
217.55	685.8627	3.3526

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
452.48	195.7609	6.5891
452.59	197.8628	6.5931
452.74	195.7204	6.5972
453.51	193.6994	6.6093
453.96	194.1036	6.6134
454.28	191.9612	6.6215
454.32	189.8189	6.6215
454.35	187.6766	6.6228
454.38	185.5747	6.6228
454.43	183.4323	6.6228
454.51	181.29	6.6228
454.57	183.4323	6.6201
454.59	185.5747	6.6201
454.62	187.6766	6.6201
454.63	189.8189	6.6188
454.65	191.9612	6.6201
454.66	194.0632	6.6215
454.67	196.2055	6.6215
454.96	194.0632	6.6296
455.04	191.9208	6.6323
455.9	189.8998	6.6444
455.96	189.7785	6.6431
456.58	191.8804	6.6525
456.64	189.7381	6.6552
457.96	188.6467	6.6741
458.28	186.5044	6.6782
458.57	188.6467	6.6795
459.01	186.5044	6.6877
459.96	186.4639	6.7025
460.22	184.3216	6.7079
460.26	182.1793	6.7079
460.32	180.0773	6.7079
460.52	182.1793	6.7039
460.54	184.3216	6.7093
460.56	186.4639	6.7079
460.82	184.3216	6.7133
461.96	183.4727	6.7295
462.36	181.3304	6.7376
462.49	183.4727	6.7376
463.14	181.3304	6.7471
463.96	181.29	6.7592
464.26	179.1477	6.7646
464.48	181.29	6.7673
465.78	179.2285	6.7862
465.96	180.3199	6.7876
466.26	178.1775	6.7943
466.49	180.2795	6.7957
467.18	178.1371	6.8078
467.96	177.5712	6.8173
468.24	175.4693	6.8227
469.06	173.327	6.8335
469.96	173.2866	6.8456
470.3	171.1442	6.851
470.48	173.2866	6.8537

S3N2-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
217.58	682.3493	3.354
217.6	678.7671	3.3553
217.65	675.2537	3.354
217.74	678.836	3.3499
217.75	682.3493	3.3513
217.76	685.8627	3.3499
217.77	689.376	3.3486
217.78	692.8894	3.3499
217.79	696.4028	3.3513
217.81	699.9161	3.354
217.98	699.4339	3.358
218.12	695.8516	3.3621
218.29	699.365	3.3621
218.37	695.8516	3.3648
218.57	699.365	3.3661
219.14	695.7827	3.3756
219.44	692.2005	3.3823
219.49	688.6871	3.381
219.54	685.1738	3.381
219.59	681.6604	3.3837
219.64	678.1471	3.3837
219.72	681.6604	3.3796
219.74	685.1738	3.3796
219.75	688.6871	3.3796
219.77	692.2005	3.381
219.79	695.7139	3.3823
219.98	695.9205	3.3864
220.43	692.3383	3.3931
221.52	688.6871	3.4107
221.69	692.2005	3.412
221.78	695.7827	3.412
221.98	696.1961	3.4161
222.36	692.6138	3.4228
222.44	696.1272	3.4215
222.54	692.6138	3.4228
223.11	689.0316	3.4323
223.43	685.4493	3.4377
223.48	681.936	3.439
223.53	678.4226	3.4404
223.56	674.9093	3.4404
223.73	674.9093	3.4363
223.75	678.4226	3.4363
223.76	681.936	3.4377
223.77	685.4493	3.439
223.86	688.9627	3.4431
224.26	681.8671	3.4485
224.98	678.2848	3.4606
225.44	674.7026	3.4674
225.55	671.1892	3.4687
225.69	674.7026	3.4687
225.98	676.2871	3.4755
226.89	672.7048	3.4876
227.41	669.1226	3.4957
227.56	665.6092	3.4984

S3N2-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
470.86	171.1442	6.8591
471.96	171.1038	6.874
472.12	168.9615	6.878
472.27	166.8596	6.8821
472.34	164.7172	6.8821
472.47	166.8596	6.878
472.51	168.9615	6.8807
473.02	166.8191	6.8902
473.96	166.8191	6.905
475.96	165.1619	6.9347
476.59	167.2638	6.9415
476.74	165.1619	6.9455
477.96	165.6469	6.9617
478.28	163.5046	6.9671
478.47	165.6469	6.9698
479.63	163.6258	6.9874
479.96	164.3938	6.9901
480.26	162.2515	6.9969
480.53	164.3938	6.9996
481.53	162.2515	7.0144
481.96	161.8069	7.0198
482.24	159.705	7.0252
483.06	157.5626	7.0374
483.96	158.0477	7.0495
485.06	155.9054	7.0657
485.96	156.5521	7.0779
487.96	155.4607	7.1049
488.25	153.3184	7.1116
488.54	155.4203	7.117
489.03	153.3184	7.1224
489.96	152.1057	7.1359
490.21	149.9634	7.1413
490.54	152.0653	7.144
490.77	149.9634	7.1467
491.96	149.64	7.1656
492.48	151.7824	7.1737
493.96	151.5803	7.194
495.29	149.4379	7.2142
495.96	149.9634	7.221
496.17	147.8211	7.2277
496.23	145.7192	7.2277
497.13	143.5768	7.2399
497.96	144.1023	7.252
499.96	143.7789	7.2817
501.21	141.6366	7.2993
501.96	141.8791	7.3101
503.96	141.192	7.3385
505.8	139.1709	7.3668
505.96	140.1006	7.3682
507.1	137.9582	7.3857
507.37	135.8159	7.3884
507.96	136.0584	7.3979
508.06	133.9565	7.3979
508.26	131.8546	7.4033

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
227.6	662.0958	3.4971
227.68	665.6092	3.4957
227.74	669.1226	3.4957
227.79	672.6359	3.4984
227.98	670.9137	3.5025
228.2	667.4003	3.5065
228.79	663.8181	3.516
229.49	660.2358	3.5268
229.56	656.7225	3.5281
229.72	660.2358	3.5241
229.74	663.7492	3.5281
229.98	664.6447	3.5308
230.16	661.1314	3.5362
230.33	657.5491	3.5389
231.44	653.9669	3.5538
231.51	650.4535	3.5551
231.72	653.9669	3.5551
231.78	657.4803	3.5565
231.98	656.2402	3.5605
232.36	652.658	3.5673
233.43	649.0757	3.5835
233.47	645.5624	3.5848
233.51	642.049	3.5848
233.54	638.5357	3.5862
233.57	635.0223	3.5848
233.6	631.509	3.5862
233.64	627.9956	3.5862
233.73	631.509	3.5835
233.75	635.0223	3.5821
233.76	638.5357	3.5821
233.81	652.5891	3.5848
233.83	656.1025	3.5862
233.98	654.8625	3.5902
234.81	651.2802	3.6037
235.29	654.7247	3.6078
235.73	651.2113	3.6132
235.98	652.3136	3.6186
236.21	648.8002	3.6226
237.31	645.1491	3.6388
237.43	641.6357	3.6415
237.85	624.0689	3.6402
237.98	648.1802	3.647
238.25	644.5979	3.6524
239.43	640.9468	3.6713
239.47	637.5023	3.6699
239.68	641.0157	3.6713
239.74	644.4602	3.6713
239.98	644.6668	3.678
241.15	641.0846	3.6942
241.55	637.5023	3.701
241.67	641.0157	3.6983
241.74	644.5291	3.701
241.98	644.0468	3.7064
243.42	640.3957	3.728

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
508.33	129.7123	7.4033
508.5	131.8546	7.4006
508.52	133.9565	7.4046
509.96	134.0374	7.4276
511.96	134.1586	7.4546
513.96	133.1885	7.4816
514.16	131.0462	7.4883
514.5	133.1885	7.4883
515.33	131.0462	7.5045
515.96	129.9548	7.5126
516.61	132.0567	7.5207
517.96	131.3696	7.5423
518.71	133.4715	7.5504
519.15	131.3696	7.5599
519.58	133.4715	7.5653
519.76	131.3291	7.5707
519.96	132.663	7.5693
521.96	133.1481	7.5991
523.96	132.8247	7.6288
525.96	133.3098	7.6585
527.96	131.9759	7.6855
528.52	129.8335	7.6949
528.74	127.7316	7.699
529.96	127.6912	7.7138
529.96	129.9548	7.7192
530	127.8125	7.7219
530.01	125.7106	7.7219
530.02	123.6086	7.7233
530.03	121.5067	7.7233
530.04	119.4048	7.7233
530.05	117.3029	7.7246
530.07	115.201	7.7233
530.08	113.0991	7.7246
530.09	110.9972	7.726
530.11	108.8953	7.7246
530.12	106.7933	7.7233
530.14	104.6914	7.7233
530.16	102.5895	7.7206
530.32	104.6914	7.7192
530.34	106.7933	7.7179
530.36	108.8953	7.7165
530.37	110.9972	7.7179
530.39	113.0991	7.7165
530.4	115.201	7.7179
530.42	117.3029	7.7152
530.43	119.4048	7.7152
530.44	121.5067	7.7152
530.45	123.6491	7.7152
530.46	125.751	7.7165
530.47	127.8529	7.7179
530.49	129.9548	7.7219
530.64	127.8125	7.726
531.96	128.1763	7.7435
533.96	127.2466	7.7746

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
243.55	636.8134	3.7307
243.59	633.369	3.7307
243.64	629.8556	3.7307
243.72	633.369	3.7266
243.74	636.8823	3.7253
243.75	640.3268	3.7293
243.78	643.8402	3.7307
243.98	643.5646	3.7347
244.31	640.0512	3.7388
245.43	636.469	3.7563
245.52	632.8867	3.759
245.67	636.4001	3.7577
245.74	639.9135	3.759
245.98	640.1201	3.7617
246.69	636.5379	3.7739
247.14	640.0512	3.7793
247.43	636.469	3.786
247.5	632.9556	3.7874
247.57	629.4423	3.7874
247.71	633.0245	3.782
247.72	636.469	3.786
247.76	639.9824	3.7874
247.98	639.7068	3.7914
249.05	636.1245	3.809
249.26	639.569	3.8117
249.48	636.0557	3.8144
249.57	632.5423	3.8171
249.71	636.0557	3.8144
249.74	639.569	3.8157
249.98	638.1223	3.8211
251.3	634.4712	3.8414
251.36	637.9846	3.84
251.44	634.4712	3.8441
251.67	637.9846	3.8441
251.79	641.429	3.8468
251.98	639.3623	3.8495
253.47	635.6423	3.8738
253.54	632.129	3.8765
253.62	628.6156	3.8751
253.68	632.1979	3.8724
253.71	635.7112	3.8697
253.73	639.1557	3.8738
253.74	642.669	3.8738
253.98	644.2535	3.8778
254.26	640.7401	3.8846
255.46	637.089	3.9035
255.85	644.1157	3.9048
255.98	645.7002	3.9089
256.28	642.1868	3.9143
256.94	638.6046	3.9237
257.46	635.0223	3.9305
257.73	638.5357	3.9318
257.98	637.7779	3.9372
259.36	634.1956	3.9589

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
534.23	125.1042	7.7786
534.34	127.2466	7.7773
535.51	125.1042	7.7975
535.96	125.2255	7.8016
536.52	127.3274	7.8097
536.69	125.1851	7.8151
536.87	123.0832	7.8151
537.01	125.1851	7.8164
537.47	123.0832	7.8245
537.48	120.9813	7.8245
537.54	118.8793	7.8272
537.71	116.7774	7.8299
537.96	115.969	7.8313
538.21	113.8671	7.8367
538.36	115.969	7.8367
538.61	113.8671	7.8421
538.73	115.969	7.8421
538.94	113.8671	7.8448
539.96	114.1096	7.861
541.96	113.5437	7.8907
542.8	115.6456	7.9015
542.95	113.5437	7.9056
543.03	111.4418	7.9056
543.18	113.5437	7.9069
543.95	114.6755	7.9191
544.45	112.5736	7.9258
544.76	114.6755	7.9299
545.95	115.0393	7.9488
547.95	114.4734	7.9758
549.95	114.3117	8.0041
551.95	114.2713	8.0338
552.23	112.1694	8.0392
552.36	114.2713	8.0392
552.65	112.1694	8.0446
552.91	110.0675	8.0487
553.95	110.0271	8.0635
554.54	112.129	8.0716
555.93	110.0271	8.0919
555.95	110.9163	8.0905
557.84	108.8144	8.1202
557.95	109.3399	8.1216
559.95	110.3504	8.1513
561.95	111.078	8.1796
562.46	108.9761	8.1864
563.95	109.9866	8.2066
564.4	107.8847	8.2161
564.8	109.9866	8.2188
565.95	110.2292	8.2377
566.35	108.1273	8.2445
566.51	110.2292	8.2431
566.76	108.1273	8.2499
567.17	110.1887	8.2553
567.54	108.1273	8.262
567.59	106.0253	8.262

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
259.54	630.6134	3.9616
259.62	627.1689	3.9602
259.67	630.6823	3.9602
259.72	634.1268	3.9602
259.98	632.9556	3.9656
260.97	629.3734	3.9805
261.22	632.8179	3.9845
261.34	629.3045	3.9859
261.49	625.7911	3.9886
261.5	629.3045	3.9899
261.51	632.8179	3.9899
261.53	629.3045	3.9913
261.54	625.7911	3.9926
261.55	622.2778	3.9926
261.57	618.7644	3.994
261.58	615.2511	3.9926
261.59	611.7377	3.994
261.6	608.2932	3.9926
261.61	604.7799	3.9953
261.62	601.2665	3.994
261.63	597.7532	3.9953
261.64	594.2398	3.994
261.66	590.7953	3.9926
261.68	587.282	3.9953
261.69	583.7686	3.9926
261.9	594.3087	3.9899
261.91	597.822	3.9899
261.92	601.3354	3.9886
261.93	604.7799	3.9872
261.94	608.2932	3.9886
261.94	611.8066	3.9913
261.95	615.32	3.9899
261.96	618.8333	3.9872
261.97	622.2778	3.9899
261.98	625.7911	3.9886
261.98	626.48	3.9886
261.99	629.9934	3.9899
262	633.5067	3.9913
262.02	636.9512	3.9953
262.25	633.4379	3.9994
262.84	629.8556	4.0088
263.49	626.2734	4.0196
263.72	629.7867	4.0196
263.98	628.1334	4.0237
265.51	624.4822	4.048
265.66	627.9956	4.048
265.8	631.4401	4.0507
265.98	630.0623	4.0534
267.44	626.4111	4.0736
267.73	629.8556	4.0777
267.98	630.8201	4.0804
268.35	627.2378	4.0871
269.66	630.8201	4.1074
269.98	630.6134	4.1114

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
567.79	108.1273	8.2607
567.84	110.1887	8.2647
567.95	110.31	8.2661
568.49	108.2081	8.2755
569.95	109.9058	8.2958
570.06	107.8039	8.2971
571.95	108.1677	8.3228
572.57	106.0658	8.3336
573.95	105.9041	8.3525
574.82	107.9656	8.366
574.97	105.9041	8.37
575.6	107.9656	8.3768
575.95	106.7933	8.3822
577.95	106.5104	8.4119
579.95	107.8847	8.4402
580.21	105.7828	8.4443
580.68	107.8847	8.451
581.95	106.8338	8.4686
583.44	104.6914	8.4915
583.73	106.7933	8.4942
583.95	105.9849	8.4983
585.95	107.2784	8.5267
586.11	105.1765	8.5307
587.95	105.9445	8.5564
589.95	105.4999	8.5847
591.95	105.6211	8.6144
592.46	105.9849	8.6225

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
271.45	626.9623	4.1344
271.53	623.4489	4.133
271.65	626.9623	4.1317
271.67	630.4756	4.1344
271.74	633.9201	4.1344
273.35	634.9534	4.16
273.43	631.4401	4.1627
273.49	627.9267	4.1627
273.53	624.4134	4.1641
273.67	627.9267	4.1627
273.7	631.4401	4.16
273.72	634.8845	4.1627
273.87	638.3979	4.1681
273.98	635.5734	4.1695
275.72	638.8801	4.1924
275.98	638.3979	4.1978
277.42	634.7468	4.2208
277.65	638.2601	4.2221
277.73	641.7046	4.2235
277.98	639.3623	4.2275
279.44	635.7112	4.2491
279.52	632.2667	4.2491
279.65	635.7112	4.2491
279.7	639.2246	4.2505
279.98	641.2912	4.2559
280.52	637.709	4.264
281.09	641.429	4.2721
281.44	637.8468	4.2775
281.5	634.4023	4.2789
281.54	630.889	4.2816
281.57	627.3756	4.2802
281.67	630.889	4.2789
281.69	634.4023	4.2762
281.71	637.8468	4.2775
281.73	641.3601	4.2789
281.75	644.8046	4.2843
281.98	642.669	4.2856
283.5	639.0868	4.3086
283.67	642.5313	4.3072
283.7	646.0446	4.3099
283.98	645.9757	4.3153
285.21	649.6269	4.3315
285.42	646.1135	4.3356
285.54	642.6001	4.3383
285.65	646.1135	4.3356
285.73	649.558	4.3396
285.94	646.0446	4.3437
285.98	645.1491	4.341
286.38	641.5668	4.3491
286.61	645.0113	4.3518
287.79	648.6624	4.368
287.98	648.3869	4.3707
289.36	644.7357	4.3936
289.43	641.2912	4.395

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
289.74	644.7357	4.3977
289.98	643.5646	4.4017
290.79	647.2157	4.4125
291.44	643.6335	4.4247
291.5	640.1201	4.4233
291.54	636.6757	4.426
291.66	640.1201	4.4247
291.69	643.6335	4.4233
291.71	647.078	4.4247
291.92	650.5913	4.4287
291.98	649.3513	4.4314
293.43	645.7691	4.4517
293.69	649.2135	4.453
293.98	647.5602	4.4584
295.56	643.909	4.4827
295.64	647.4224	4.4787
295.66	650.8669	4.4841
295.83	654.3802	4.4854
295.88	650.8669	4.4868
295.98	650.3846	4.4868
297.38	646.8024	4.5097
297.5	643.289	4.5097
297.67	646.7335	4.5097
297.87	650.4535	4.5151
298.1	647.1468	4.5192
299.44	643.5646	4.5394
299.71	647.0091	4.5421
299.98	646.3202	4.5462
301.72	649.8335	4.5705
301.98	647.0091	4.5746
302.17	650.4535	4.5773
302.82	646.9402	4.5881
303.5	643.3579	4.5989
303.65	646.8713	4.5989
303.73	650.3158	4.6002
303.98	651.0047	4.6043
305.43	647.3535	4.6259
305.72	650.798	4.6286
305.97	651.4869	4.634
307.72	655.0691	4.6556
307.97	655.4825	4.6623
309.53	651.8313	4.6853
309.7	655.2758	4.6839
309.97	655.6891	4.692
311.43	652.1069	4.7123
311.72	655.5514	4.7163
311.97	653.898	4.719
313.52	650.2469	4.7433
313.66	653.7602	4.742
313.8	657.2047	4.7447
313.97	657.2047	4.7487
315.55	653.5536	4.773
315.64	656.998	4.773
315.88	660.4425	4.7757

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
315.97	658.5825	4.7784
317.25	662.1647	4.796
317.97	663.7492	4.8068
319.52	660.0981	4.8297
319.58	663.5425	4.8311
319.91	666.987	4.8338
319.97	664.4381	4.8351
321.41	660.7869	4.8581
321.5	657.3425	4.8581
321.62	660.8558	4.8567
321.66	664.3003	4.8581
321.75	667.7448	4.8608
321.97	666.7803	4.8649
322.38	663.267	4.8716
322.59	666.7114	4.873
323.41	663.1981	4.8865
323.49	659.6847	4.8892
323.63	663.1292	4.8865
323.69	666.6425	4.8878
323.97	668.4337	4.8946
325.07	664.8514	4.9081
325.15	668.2959	4.9094
325.4	664.7825	4.9162
325.49	661.3381	4.9148
325.59	664.7825	4.9162
325.7	668.2959	4.9162
325.97	665.6781	4.9229
325.98	662.2336	4.9229
326.03	658.7203	4.9256
326.09	655.2758	4.9243
326.33	651.7624	4.9283
327.49	648.1802	4.9459
327.61	651.6935	4.9445
327.64	655.138	4.9472
327.97	656.0336	4.9513
329.47	652.3824	4.9742
329.63	655.8269	4.9742
329.97	656.7225	4.9796
331.42	653.1402	5.0039
331.7	656.5847	5.0039
331.97	656.3091	5.0093
332.84	652.7269	5.0228
332.9	656.2402	5.0215
333.97	656.5847	5.039
334.81	653.0024	5.0525
334.98	649.558	5.0539
335.6	621.7956	5.0647
335.65	618.3511	5.0633
335.78	642.6001	5.0593
335.8	646.0446	5.0593
335.81	649.4891	5.0606
335.83	653.1402	5.0633
335.97	653.6224	5.0674
336.27	650.1091	5.0728

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
337.53	646.5268	5.0917
337.65	649.9713	5.089
337.7	653.6224	5.093
337.97	651.5558	5.0957
339.4	647.9046	5.1187
339.47	644.4602	5.12
339.54	641.0157	5.12
339.63	644.4602	5.1187
339.66	647.9735	5.116
339.68	651.418	5.1173
339.79	655.0691	5.1214
339.97	652.5202	5.1254
340.53	649.0069	5.1335
340.61	652.4513	5.1335
341.5	645.7002	5.1484
341.66	649.1446	5.1443
341.67	652.7958	5.1497
341.73	656.2402	5.1511
341.97	653.2091	5.1551
342.95	649.6958	5.1673
342.99	653.1402	5.1687
343.49	649.6269	5.1768
343.63	653.0713	5.1781
343.97	653.7602	5.1822
344.79	657.3425	5.1943
345.37	653.8291	5.2038
345.62	657.4803	5.2078
345.97	656.7225	5.2132
347.32	653.1402	5.2335
347.5	649.6958	5.2348
347.58	646.1824	5.2375
347.65	649.6958	5.2348
347.68	653.1402	5.2335
347.7	656.5847	5.2348
347.97	656.3091	5.2402
349.52	652.7269	5.2645
349.62	656.1714	5.2645
349.72	659.8225	5.2672
349.97	658.1691	5.2699
351.37	654.5869	5.2915
351.69	658.238	5.2942
351.9	654.7247	5.301
351.97	655.8958	5.2983
352.75	652.3824	5.3118
353.56	648.8691	5.3226
353.63	652.3136	5.3212
353.79	655.9647	5.3253
353.86	652.5202	5.3266
353.97	655.0002	5.328
355.43	651.418	5.3496
355.58	654.8625	5.3496
355.97	657.5491	5.3577
356.19	654.1047	5.3604
357.48	650.5224	5.3793

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
357.61	653.9669	5.3793
357.68	657.618	5.3806
357.97	656.6536	5.3874
359.43	653.0713	5.4076
359.58	656.7225	5.4103
359.72	660.4425	5.4117
359.77	656.9291	5.413
359.97	656.9291	5.4144
360.04	660.5803	5.4171
360.63	657.1358	5.4252
361.21	660.7181	5.4333
361.37	657.2736	5.4373
361.69	660.9247	5.4414
361.97	661.3381	5.4441
362.02	657.8936	5.4454
362.22	654.4491	5.4481
363.49	650.8669	5.467
363.62	654.3113	5.467
363.68	657.9625	5.4684
363.97	657.6869	5.4738
365.41	654.1047	5.4954
365.61	657.5491	5.4954
365.78	661.2003	5.4981
365.85	657.7558	5.5008
365.97	658.3758	5.5022
366.47	654.9313	5.5089
367.4	651.3491	5.5251
367.45	647.9046	5.5265
367.48	644.2535	5.5265
367.51	640.809	5.5278
367.54	637.089	5.5265
367.59	633.6445	5.5278
367.67	637.1579	5.5238
367.69	640.6024	5.5238
367.7	644.0468	5.5224
367.71	647.698	5.5238
367.72	651.1424	5.5224
367.74	654.7936	5.5238
367.76	658.4447	5.5265
367.97	657.9625	5.5305
368.86	654.4491	5.544
369.72	658.0314	5.5575
369.93	654.5869	5.5589
369.97	656.1714	5.5602
371.48	652.5891	5.5818
371.61	656.2402	5.5845
371.97	655.9647	5.5899
373.09	659.5469	5.6048
373.29	656.0336	5.6088
373.54	652.5891	5.6115
373.61	656.2402	5.6129
373.69	659.8914	5.6142
373.97	659.6847	5.6183
375.47	656.1025	5.6399

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
375.59	659.7536	5.6399
375.97	661.2692	5.648
376.93	657.7558	5.6615
377.5	654.2425	5.6709
377.65	657.8936	5.6709
377.76	661.5447	5.6736
377.97	661.0625	5.675
379.5	657.4803	5.6979
379.55	661.1314	5.7006
379.65	664.7825	5.7006
379.97	662.9225	5.7047
381.45	659.3403	5.7276
381.56	662.9914	5.7276
381.69	666.6425	5.7303
381.97	664.5759	5.7344
383.21	668.0892	5.7533
383.27	664.4381	5.7533
383.7	668.0892	5.7587
383.97	666.2292	5.7627
384.45	662.7158	5.7708
384.87	659.2025	5.7776
385.66	662.8536	5.7871
385.97	663.267	5.7911
387.27	666.7803	5.81
387.36	663.3359	5.8127
387.44	659.6847	5.8141
387.59	663.3359	5.8141
387.61	666.987	5.8181
387.97	665.8159	5.8208
388.93	669.3292	5.8357
389.25	665.8848	5.8397
389.68	669.467	5.8478
389.97	668.0892	5.8519
391.32	664.507	5.8694
391.62	668.1581	5.8748
391.97	665.4025	5.8802
393.36	661.8203	5.8991
393.97	661.7514	5.9086
394.53	658.238	5.918
395.36	654.7247	5.9288
395.57	658.3758	5.9329
395.97	658.7892	5.9356
396.58	655.3447	5.945
396.68	658.9269	5.9477
397.16	655.4825	5.9545
397.23	659.1336	5.9558
397.32	655.6891	5.9585
397.4	652.038	5.9572
397.55	655.6891	5.9599
397.63	659.3403	5.9599
397.97	660.8558	5.9666
398.17	657.4114	5.9693
398.78	661.0625	5.9774
399.36	657.5491	5.9869

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
399.65	661.2003	5.9896
399.97	661.1314	5.995
401.4	657.5491	6.0166
401.65	661.2003	6.0193
401.97	659.8225	6.0233
402.85	663.3359	6.0368
403.22	659.8914	6.0436
403.65	663.4736	6.0476
405.4	649.1446	6.076
405.44	645.4935	6.076
405.64	638.1912	6.076
405.71	660.0981	6.0733
405.73	663.7492	6.0747
405.74	667.4003	6.0787
405.97	668.2959	6.0828
406.03	664.6447	6.0828
407.35	661.0625	6.103
407.68	664.6447	6.1071
407.97	663.267	6.1125
408.32	659.8225	6.1152
408.36	663.4736	6.1165
408.44	659.8225	6.1179
408.84	656.3091	6.1246
409.37	652.8647	6.1327
409.67	656.5158	6.1341
409.97	655.758	6.1395
410.55	652.3136	6.1489
411.39	648.8002	6.1597
411.97	649.6269	6.1678
412.19	646.1824	6.1719
412.91	642.7379	6.1827
413.45	639.2246	6.1908
413.68	642.8757	6.1935
413.92	639.4312	6.1975
413.97	641.9113	6.1989
414.45	638.4668	6.2056
414.84	642.049	6.211
415.34	638.6046	6.2178
415.59	642.1868	6.2218
415.97	642.3935	6.2286
416.42	638.949	6.234
417.37	635.4357	6.2475
417.52	631.7845	6.2488
417.58	635.4357	6.2502
417.97	635.3668	6.2556
419.68	638.8801	6.2812
419.78	635.229	6.2826
419.97	636.3312	6.2826
420.37	639.9135	6.2907
420.45	636.2623	6.292
420.98	632.8179	6.3001
421.65	636.4001	6.3096
421.97	633.6445	6.315
422.3	630.2001	6.319

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
422.63	626.6867	6.3244
422.84	623.0356	6.3271
422.93	626.6867	6.3271
423.12	623.2422	6.3325
423.52	619.5911	6.3366
423.57	623.2422	6.3339
423.73	626.8245	6.3393
423.9	623.1733	6.342
423.96	623.6556	6.3433
425.07	627.1689	6.3582
425.36	623.7245	6.3649
425.61	627.3756	6.3649
425.96	627.1	6.3717
426.74	623.5867	6.3839
427.34	620.1422	6.392
427.63	623.7245	6.396
427.96	622.5533	6.4001
428.34	619.1089	6.4068
429.39	615.5955	6.423
429.46	611.9444	6.423
429.57	615.5955	6.423
429.61	619.2466	6.4244
429.7	622.8289	6.4257
429.9	619.1778	6.4298
429.96	620.5555	6.4284
430.92	617.0422	6.446
431.96	616.2844	6.4595
432.13	612.6333	6.4608
432.48	609.1888	6.4662
433.43	605.6754	6.4797
433.62	609.3266	6.4824
433.96	607.6732	6.4878
434.94	604.1599	6.5027
435.63	607.7421	6.5108
435.96	606.7777	6.5162
437.32	603.2643	6.5364
437.65	606.8466	6.5405
437.96	606.1577	6.5445
438.18	602.5065	6.5486
438.28	606.1577	6.5513
438.36	602.5065	6.5513
438.96	599.0621	6.5594
439.41	595.5487	6.5675
439.96	596.8576	6.5756
440.27	593.2065	6.5796
441.33	589.6931	6.5958
441.96	586.2486	6.6039
441.96	586.4553	6.6053
443.41	582.9419	6.6255
443.48	586.5931	6.6242
443.63	590.1753	6.6269
443.96	589.9687	6.6323
445.15	586.4553	6.6498
445.65	590.0375	6.6579

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
445.79	586.3864	6.6593
445.96	588.1775	6.662
447.31	584.6642	6.6823
447.51	581.013	6.6836
447.56	584.5953	6.6836
447.62	588.2464	6.685
447.96	588.4531	6.6917
448.63	585.0086	6.6998
449.31	581.4953	6.7133
449.66	585.1464	6.7147
449.96	583.6997	6.7214
451.01	580.1864	6.7363
451.62	583.7686	6.7444
451.81	580.1864	6.7471
451.96	581.4953	6.7484
453.29	577.9819	6.7687
453.35	574.3308	6.7687
453.5	577.9819	6.7714
453.61	580.6686	6.7727

S3N2-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	7.357259	0.1985
0.1446	11.10663	0.2012
0.9131	14.856	0.2106
1.6286	18.53463	0.2228
1.7182	18.53463	0.2322
1.7472	18.53463	0.2322
1.7762	18.53463	0.2336
1.8177	18.53463	0.2282
1.9813	18.53463	0.2241
1.9998	18.53463	0.2147
2.0252	18.53463	0.216
2.0418	18.53463	0.2174
2.0689	19.808	0.2282
2.5927	23.55738	0.2322
3.1658	27.23601	0.2403
3.7365	27.23601	0.2579
3.7733	27.23601	0.2592
3.8055	27.23601	0.2592
3.8455	27.23601	0.2606
3.9997	27.23601	0.2538
4.0338	27.23601	0.2538
4.056	27.23601	0.2511
4.075	27.23601	0.2484
4.0941	29.49978	0.2525
4.1499	33.24915	0.2606
4.6225	36.99852	0.2633
4.7096	36.99852	0.2727
4.8281	36.99852	0.266
5.0927	40.67715	0.27
5.5332	44.42652	0.2768
5.7278	44.42652	0.2876
5.739	44.42652	0.2876
5.7537	44.42652	0.2903
5.7727	44.42652	0.2889
5.792	44.42652	0.2916
5.8127	44.42652	0.2889
5.8951	44.42652	0.2835
5.9512	44.42652	0.2835
5.9839	44.42652	0.2822
5.9995	44.42652	0.2768
6.0197	44.42652	0.2768
6.0344	44.42652	0.2754
6.0471	44.42652	0.2741
6.059	44.42652	0.2781
6.0714	44.92173	0.2795
6.1078	48.6711	0.2835
6.4341	52.34973	0.2889
6.7636	56.0991	0.2957
6.9428	56.0991	0.3011
7.008	56.0991	0.2997
7.1479	59.84847	0.3011
7.2784	59.84847	0.3038
7.366	59.84847	0.3038
7.593	63.59784	0.3052

S3N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	2.973946	0.0216
0.0978	2.973946	0.0243
0.327	2.973946	0.0216
0.3673	7.899543	0.0216
0.3958	12.82514	0.0203
0.4261	17.75074	0.023
1.1458	22.67633	0.0365
1.9998	25.27854	0.0513
2.693	30.20413	0.0594
3.727	35.0368	0.0743
3.9997	35.0368	0.0783
4.5672	39.96239	0.0878
4.8389	39.96239	0.0932
4.9569	39.96239	0.0932
5.8376	44.88799	0.1067
5.9995	45.25973	0.108
6.8197	50.0924	0.1188
7.9993	53.9957	0.1364
8.7776	58.9213	0.1472
9.9141	63.84689	0.1647
9.9992	64.1257	0.1661
11.115	69.0513	0.1836
11.508	69.0513	0.189
11.653	69.0513	0.1904
11.999	72.9546	0.1958
12.895	77.8802	0.2079
13.776	82.8058	0.2214
13.999	82.8058	0.2228
14.514	86.05855	0.2322
15.874	90.89121	0.2511
15.999	91.91351	0.2525
16.005	91.91351	0.2552
16.397	91.91351	0.2579
17.195	96.74617	0.2714
17.999	99.06956	0.2822
18.355	103.9952	0.2876
18.523	103.9952	0.2903
18.855	103.9952	0.2943
19.297	108.8278	0.2997
19.998	108.8278	0.3119
20.361	112.0806	0.316
21.193	117.0062	0.3281
21.998	118.5861	0.3389
22.421	123.5117	0.3457
22.449	123.5117	0.347
22.879	123.5117	0.3538
23.281	128.4373	0.3565
23.592	128.4373	0.3632
23.854	128.4373	0.3673
23.998	129.3666	0.3686
25.033	134.1993	0.3848
25.892	139.1249	0.3956
25.998	140.426	0.3983
26.302	140.426	0.4024

S3N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	5.902317	0.0162
1.9998	13.03428	0.0446
3.9997	14.75579	0.0729
5.9995	15.49358	0.1026
7.9993	18.19881	0.1323
9.9992	20.65811	0.162
11.999	23.36334	0.189
13.999	27.54414	0.2187
15.999	31.97088	0.2484
17.999	34.43018	0.2768
19.998	42.29994	0.3051
21.998	50.90748	0.3376
23.991	63.94176	0.3632
23.998	63.94176	0.3646
25.998	70.8278	0.3929
27.708	83.61615	0.4172
27.998	83.61615	0.4226
29.922	96.65044	0.451
29.998	96.65044	0.451
30.54	96.65044	0.4577
30.547	96.65044	0.4591
31.997	96.65044	0.4807
32.883	96.65044	0.4915
33.997	96.65044	0.5077
35.084	103.5365	0.5239
35.997	107.7173	0.536
37.321	120.7516	0.5563
37.997	124.1946	0.5657
39.52	136.9829	0.5887
39.997	136.9829	0.5941
41.201	149.0335	0.613
41.997	149.0335	0.6252
43.342	161.8218	0.6441
43.996	164.5271	0.6535
45.337	177.3154	0.6724
45.996	182.48	0.6819
47.777	195.5142	0.7062
47.996	195.5142	0.7116
49.232	205.5974	0.7278
49.996	208.3026	0.7413
51.034	221.0909	0.7561
51.996	227.977	0.7696
53.308	240.7653	0.7885
53.996	245.1921	0.798
54.135	245.1921	0.802
54.203	245.1921	0.8034
54.401	245.1921	0.802
54.424	245.1921	0.802
55.408	257.9804	0.8196
55.995	258.7182	0.829
57.046	271.7525	0.8425
57.995	271.7525	0.8574
58.347	282.8193	0.8601
59.779	295.6077	0.8844

S3N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	11.93964	0.0054
0.1158	21.98409	0.0054
0.3353	32.02855	0.0081
0.5665	32.02855	0.0162
0.6675	32.02855	0.0189
0.9153	32.02855	0.0149
0.9587	32.02855	0.0122
1.9355	42.073	0.0311
1.9998	42.073	0.0351
2.5298	42.073	0.0459
2.5995	42.073	0.0459
2.6676	42.073	0.0473
2.8083	42.073	0.0392
2.8476	42.073	0.0378
2.8749	42.073	0.0405
3.9997	48.13758	0.0648
5.9995	53.44408	0.0905
7.9993	59.31914	0.1202
8.6173	59.31914	0.1323
8.7871	59.31914	0.1296
9.9992	65.38372	0.1499
10.574	65.38372	0.1607
10.765	65.38372	0.1566
11.999	70.12167	0.1796
12.612	70.12167	0.189
12.797	70.12167	0.1877
13.999	76.7548	0.2079
14.569	76.7548	0.2187
14.691	76.7548	0.2214
14.799	76.7548	0.2174
14.848	76.7548	0.2147
15.999	82.0613	0.2363
16.503	82.0613	0.2457
16.581	82.0613	0.2498
16.638	82.0613	0.2511
16.7	82.0613	0.2471
16.825	82.0613	0.2471
16.865	82.0613	0.243
16.893	82.0613	0.2444
16.927	82.0613	0.2444
17.999	82.62986	0.266
18.581	82.62986	0.2768
18.694	82.62986	0.2781
18.846	82.62986	0.2741
18.885	82.62986	0.2727
19.998	90.02106	0.2957
20.498	90.02106	0.3038
20.695	90.02106	0.3052
20.764	90.02106	0.3024
20.803	90.02106	0.3024
21.998	93.24287	0.3214
22.548	93.24287	0.3362
22.629	93.24287	0.3376
22.69	93.24287	0.3376

UCS Test Results, Stage Three

S3N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
7.7374	63.59784	0.3133
7.7518	63.59784	0.316
7.7689	63.59784	0.316
7.7886	63.59784	0.3173
7.8098	63.59784	0.3173
7.8301	63.59784	0.3173
7.8506	63.59784	0.316
7.894	63.59784	0.3146
7.9771	63.59784	0.3079
7.9862	63.59784	0.3119
7.9993	63.59784	0.3106
8.0252	63.59784	0.3092
8.0408	63.59784	0.3092
8.0535	63.59784	0.3052
8.0637	63.59784	0.3052
8.0737	63.59784	0.3052
8.0881	66.07384	0.3119
8.1247	69.82322	0.316
8.2193	69.82322	0.316
8.2898	69.82322	0.3187
8.413	69.82322	0.3173
8.4312	69.82322	0.3173
8.4827	73.50185	0.32
8.6681	77.25122	0.3254
8.7354	77.25122	0.3254
8.8727	77.25122	0.3227
9.0258	81.00059	0.3308
9.4163	84.67922	0.3335
9.597	84.67922	0.3376
9.6275	84.67922	0.3349
9.7299	84.67922	0.3443
9.7426	84.67922	0.3443
9.7548	84.67922	0.3443
9.768	84.67922	0.347
9.7858	84.67922	0.347
9.8033	84.67922	0.347
9.8194	84.67922	0.3484
9.8382	84.67922	0.3457
9.8699	84.67922	0.343
9.9738	84.67922	0.3362
9.9823	84.67922	0.3403
9.9972	84.67922	0.3416
9.9992	84.67922	0.3403
10.021	84.67922	0.3322
10.033	84.67922	0.3362
10.043	84.67922	0.3322
10.053	84.67922	0.3322
10.061	84.67922	0.3349
10.07	85.45739	0.3403
10.088	89.13602	0.3403
10.122	92.88539	0.343
10.389	96.63477	0.3457
10.644	100.3134	0.3511
10.869	104.0628	0.3538

S3N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
26.457	140.426	0.4037
26.93	145.2587	0.4105
27.932	150.1843	0.4253
27.998	150.1843	0.428
28.311	154.3664	0.4307
28.332	154.3664	0.4321
28.792	154.3664	0.4388
29.271	159.292	0.4469
29.3	159.292	0.4483
29.764	159.292	0.451
29.998	160.2213	0.4564
30.411	165.1469	0.4618
30.438	165.1469	0.4631
30.912	165.1469	0.4699
31.268	169.9796	0.4753
31.296	169.9796	0.4766
31.793	169.9796	0.482
31.997	170.9089	0.4847
32.808	175.8345	0.4955
33.808	180.6672	0.5117
33.997	182.34	0.5131
34.907	187.1727	0.5279
35.767	192.0054	0.5401
35.915	192.0054	0.5428
35.997	192.0054	0.5441
36.168	192.0054	0.5455
36.77	195.9087	0.5549
36.878	195.9087	0.5563
37.027	195.9087	0.5576
37.733	200.8343	0.5684
37.997	200.8343	0.5725
38.308	203.0647	0.5765
38.984	207.8974	0.586
39.997	210.4996	0.6008
40.785	215.3322	0.613
41.708	220.2578	0.6265
41.997	222.4883	0.6306
42.588	227.321	0.6387
42.859	227.321	0.6427
43.133	227.321	0.6468
43.848	232.2466	0.6562
43.977	232.2466	0.6603
43.996	232.2466	0.6603
44.29	232.8042	0.6643
44.872	237.7298	0.6711
45.947	242.5624	0.6873
45.996	242.5624	0.6886
46.707	247.3951	0.6994
47.996	247.3951	0.717
48.151	252.2278	0.7183
48.673	257.0604	0.7264
49.751	261.8931	0.7426
49.996	262.2648	0.7453
50.888	267.0975	0.7588

S3N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
59.995	295.6077	0.8857
60.113	295.6077	0.8884
60.165	295.6077	0.8898
60.215	295.6077	0.8898
60.318	295.6077	0.8911
60.416	295.6077	0.8898
60.439	295.6077	0.8898
60.467	295.6077	0.8884
60.496	295.6077	0.8884
61.042	308.396	0.9006
61.995	313.5606	0.9154
63.04	326.3489	0.9303
63.995	328.0704	0.9438
64.576	340.8588	0.9519
65.918	353.8931	0.9708
65.995	353.8931	0.9735
67.054	363.9762	0.9884
67.994	371.6	1.0019
68.815	384.6343	1.014
69.994	395.7011	1.0302
71.173	408.4895	1.0478
71.994	414.3918	1.0613
72.697	427.1802	1.0694
73.874	439.9685	1.0869
73.994	439.9685	1.0896
74.696	452.0191	1.0977
75.954	464.8074	1.1166
75.994	464.8074	1.118
76.835	475.8743	1.1288
77.808	488.6626	1.1436
77.994	488.6626	1.1477
79.048	501.451	1.1612
79.993	512.5178	1.176
80.986	525.3062	1.1909
81.993	530.4707	1.2044
82.705	543.2591	1.2139
83.987	555.8015	1.2341
83.993	555.8015	1.2341
85.029	566.1305	1.249
85.993	573.7544	1.2625
87.101	586.5427	1.2787
87.993	590.7235	1.2908
88.522	603.5119	1.2989
89.993	610.152	1.3205
90.604	622.9403	1.3286
91.992	629.5804	1.3502
92.436	642.3688	1.3556
93.992	652.6979	1.3786
95.163	665.2403	1.3948
95.992	667.6996	1.4069
96.717	680.4879	1.4177
97.992	688.1118	1.438
99.298	700.9001	1.4542
99.992	700.9001	1.465

S3N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
22.885	93.24287	0.3335
22.921	93.24287	0.3322
22.958	93.24287	0.3322
23.998	98.54937	0.3538
25.998	104.4244	0.3808
26.489	104.4244	0.3902
26.602	104.4244	0.3929
26.727	104.4244	0.3956
26.832	104.4244	0.3916
26.883	104.4244	0.3902
26.913	104.4244	0.3916
27.998	106.5091	0.4118
28.559	106.5091	0.4213
28.78	106.5091	0.4172
29.998	107.8358	0.4402
30.621	107.8358	0.451
30.728	107.8358	0.4469
31.749	117.6907	0.4645
31.997	117.6907	0.4685
32.514	117.6907	0.478
32.656	117.6907	0.4807
32.764	117.6907	0.4766
32.805	117.6907	0.4766
33.997	120.3439	0.4982
34.53	120.3439	0.5077
34.629	120.3439	0.509
34.692	120.3439	0.5077
34.874	120.3439	0.5063
34.915	120.3439	0.5063
34.943	120.3439	0.5063
35.997	123.5658	0.5279
36.509	123.5658	0.536
36.609	123.5658	0.5387
36.671	123.5658	0.5387
36.859	123.5658	0.5374
36.9	123.5658	0.536
36.932	123.5658	0.5347
37.997	128.8723	0.5563
38.494	128.8723	0.5644
38.57	128.8723	0.5684
38.629	128.8723	0.5698
38.681	128.8723	0.5698
38.839	128.8723	0.5644
38.879	128.8723	0.563
38.911	128.8723	0.563
38.939	128.8723	0.563
39.997	134.9368	0.5846
40.482	134.9368	0.5941
40.566	134.9368	0.5954
40.65	134.9368	0.5981
40.729	134.9368	0.5968
40.836	134.9368	0.5954
40.896	134.9368	0.5954
40.931	134.9368	0.5927

UCS Test Results, Stage Three

S3N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
11.037	104.0628	0.3565
11.104	104.0628	0.3619
11.179	107.8121	0.3592
11.381	111.4908	0.3673
11.7	115.2401	0.37
11.725	115.2401	0.374
11.735	115.2401	0.374
11.746	115.2401	0.374
11.756	115.2401	0.3754
11.767	115.2401	0.3754
11.778	115.2401	0.3754
11.793	115.2401	0.3754
11.808	115.2401	0.3767
11.825	115.2401	0.3754
11.838	115.2401	0.3767
11.859	115.2401	0.374
11.91	115.2401	0.3713
11.974	115.2401	0.3673
11.984	115.2401	0.3686
11.995	115.2401	0.3686
11.999	115.2401	0.3673
12.015	115.2401	0.3632
12.024	115.2401	0.3646
12.034	115.2401	0.3632
12.043	115.2401	0.3632
12.052	115.2401	0.3632
12.06	115.2401	0.3605
12.067	115.2401	0.3673
12.075	115.2401	0.3686
12.089	117.0087	0.3686
12.11	120.6873	0.3727
12.197	120.6873	0.3754
12.296	120.6873	0.3754
12.345	124.4367	0.3767
12.672	128.1861	0.3835
13.01	131.8647	0.3862
13.238	135.6141	0.3889
13.462	139.2927	0.3916
13.721	139.2927	0.4037
13.731	139.2927	0.4037
13.741	139.2927	0.4037
13.749	139.2927	0.4024
13.757	139.2927	0.4037
13.767	139.2927	0.4037
13.778	139.2927	0.4051
13.79	139.2927	0.4051
13.802	139.2927	0.4051
13.813	139.2927	0.4051
13.827	139.2927	0.4037
13.847	139.2927	0.4024
13.976	139.2927	0.397
13.99	139.2927	0.3983
13.999	139.2927	0.3983
14.012	139.2927	0.3916

S3N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
51.889	271.9301	0.7737
51.996	271.9301	0.775
52.791	276.484	0.7858
53.684	281.3167	0.798
53.874	281.3167	0.8034
53.996	281.3167	0.8034
54.244	282.5248	0.8074
54.922	287.4504	0.8169
55.966	292.2831	0.8317
55.995	292.2831	0.8331
57.121	296.4652	0.8493
57.84	301.2979	0.8601
57.995	302.2272	0.8614
59.183	307.0599	0.879
59.995	309.9409	0.8911
60.859	314.7736	0.9033
61.354	319.6062	0.91
61.408	319.6062	0.9114
61.857	319.6062	0.9182
61.995	319.6062	0.9209
62.755	324.0671	0.9303
63.177	328.9927	0.9371
63.995	328.9927	0.9492
64.437	331.7808	0.9533
64.836	336.7064	0.96
65.42	341.5391	0.9695
65.485	341.5391	0.9722
65.654	341.5391	0.9735
65.995	345.0706	0.9776
66.752	349.9033	0.9884
67.294	354.7359	0.9965
67.994	358.2675	1.0086
68.413	363.1002	1.014
69.015	367.9328	1.0221
69.559	372.7655	1.0302
69.994	374.3454	1.037
70.357	379.1781	1.0397
70.935	384.0107	1.0505
71.341	388.9363	1.0532
71.994	390.5162	1.0653
72.254	395.3489	1.0694
72.898	400.1815	1.0775
73.378	405.0142	1.0842
73.994	407.5235	1.0923
74.343	412.3561	1.0991
75.099	417.1888	1.1099
75.756	422.0215	1.1193
75.994	423.6014	1.1247
76.677	428.434	1.1315
77.219	433.2667	1.1382
77.938	438.0994	1.1504
77.994	438.0994	1.1531
78.256	440.9804	1.1558
79.116	445.813	1.1679

S3N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
100.75	713.4425	1.4771
101.04	713.4425	1.4798
101.26	713.4425	1.4825
101.99	715.164	1.4947
103.99	715.164	1.5244
105.99	717.1315	1.5528
107.87	729.6739	1.5784
107.99	729.6739	1.5825
109.65	739.0192	1.6054
109.99	740.7407	1.6108
111.63	753.2832	1.6338
111.99	753.2832	1.6378
112.73	764.35	1.65
113.99	770.0064	1.6675
115.21	782.7948	1.6851
115.26	782.7948	1.6878
115.41	782.7948	1.6891
115.99	782.7948	1.6972
116.47	793.6157	1.7053
117.99	795.0912	1.7269
119.55	807.8796	1.7485
119.99	807.8796	1.7539
121.99	815.2575	1.7836
123.26	827.7999	1.8025
123.99	830.2592	1.8133
125.47	842.8016	1.8336
125.99	842.8016	1.8417
126.94	854.6063	1.8552
127.99	861.2464	1.8701
128.12	861.2464	1.8741
128.23	861.2464	1.8755
129.44	873.7888	1.8917
129.99	874.5266	1.9011
130.16	874.5266	1.9038
130.34	874.5266	1.9038
130.89	887.3149	1.9119
131.99	889.7742	1.9295
133.31	902.3167	1.9484
133.99	903.0545	1.9578
134.72	915.5969	1.97
134.93	915.5969	1.9713
135.06	915.5969	1.9727
135.99	920.5155	1.9862
137.5	933.0579	2.0091
137.99	934.7794	2.0159
139.02	947.3218	2.0321
139.31	947.3218	2.0361
139.44	947.3218	2.0361
139.99	949.7811	2.0456
140.99	962.3235	2.0591
141.99	962.3235	2.0739
142.36	974.866	2.0793
143.73	987.4084	2.0996
143.99	987.4084	2.1036

S3N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
40.958	134.9368	0.5927
41.997	136.0739	0.6144
42.48	136.0739	0.6238
42.561	136.0739	0.6252
42.641	136.0739	0.6265
42.703	136.0739	0.6252
42.853	136.0739	0.6238
42.904	136.0739	0.6238
42.934	136.0739	0.6225
42.963	136.0739	0.6211
43.996	139.4853	0.6427
45.996	141.3804	0.6724
46.456	141.3804	0.6805
46.538	141.3804	0.6832
46.637	141.3804	0.6846
46.701	141.3804	0.6859
46.846	141.3804	0.6832
46.904	141.3804	0.6819
46.941	141.3804	0.6792
46.968	141.3804	0.6819
47.996	141.3804	0.7008
49.996	146.687	0.7291
50.571	146.687	0.7399
50.656	146.687	0.7426
50.741	146.687	0.7386
50.78	146.687	0.7386
51.996	147.2555	0.7602
52.468	147.2555	0.7683
52.568	147.2555	0.7683
52.651	147.2555	0.7723
52.89	147.2555	0.7683
52.923	147.2555	0.7669
52.956	147.2555	0.7683
53	157.1104	0.7737
53.481	157.1104	0.7804
53.996	157.1104	0.7872
54.495	157.1104	0.7966
54.588	157.1104	0.7993
54.672	157.1104	0.8007
54.816	157.1104	0.798
54.857	157.1104	0.798
54.892	157.1104	0.7953
55.995	157.1104	0.8169
56.45	157.1104	0.825
56.523	157.1104	0.8277
56.596	157.1104	0.829
56.667	157.1104	0.8304
56.879	157.1104	0.8277
56.93	157.1104	0.8236
56.957	157.1104	0.825
56.986	157.1104	0.8277
57.995	157.1104	0.8452
59.995	157.1104	0.8749
60.519	157.1104	0.8857

UCS Test Results, Stage Three

S3N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
14.022	139.2927	0.397
14.029	139.2927	0.3929
14.039	139.2927	0.3929
14.046	139.2927	0.3916
14.055	139.2927	0.3943
14.063	139.2927	0.3943
14.073	139.2927	0.3929
14.08	139.2927	0.3943
14.088	141.7687	0.3983
14.128	145.5181	0.4051
14.24	149.2675	0.4091
14.548	152.9461	0.4078
14.989	156.6955	0.4132
15.146	156.6955	0.4159
15.202	156.6955	0.4172
15.243	160.4448	0.4186
15.601	164.1235	0.4226
15.71	164.1235	0.4321
15.72	164.1235	0.4334
15.73	164.1235	0.4334
15.74	164.1235	0.4321
15.749	164.1235	0.4321
15.758	164.1235	0.4334
15.768	164.1235	0.4334
15.777	164.1235	0.4334
15.787	164.1235	0.4334
15.8	164.1235	0.4348
15.81	164.1235	0.4361
15.823	164.1235	0.4334
15.84	164.1235	0.4307
15.873	164.1235	0.4294
15.949	164.1235	0.4267
15.97	164.1235	0.428
15.989	164.1235	0.4267
15.999	164.1235	0.424
16.005	164.1235	0.4213
16.012	164.1235	0.4199
16.018	164.1235	0.4226
16.022	164.1235	0.4186
16.031	164.1235	0.4213
16.039	164.1235	0.424
16.045	164.1235	0.4199
16.053	164.1235	0.424
16.061	164.1235	0.4267
16.071	164.1235	0.4226
16.083	166.5995	0.4253
16.103	170.3488	0.4307
16.381	174.0275	0.4334
16.456	174.0275	0.4388
16.509	174.0275	0.4388
16.625	174.0275	0.4388
16.647	174.0275	0.4388
16.781	177.7768	0.4402
17.036	181.4555	0.4442

S3N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
79.916	450.6457	1.1787
79.993	450.6457	1.1801
80.456	455.1066	1.1868
81.08	459.9393	1.1963
81.779	464.679	1.2071
81.993	465.9801	1.2084
82.638	470.8128	1.2179
83.152	475.6454	1.226
83.993	479.7346	1.2395
84.515	484.5673	1.2476
85.251	489.3999	1.2557
85.969	494.2326	1.2679
85.993	494.2326	1.2706
86.736	498.9723	1.2773
87.136	503.805	1.2827
87.955	508.6376	1.2949
87.993	508.6376	1.2962
88.468	512.1692	1.303
89.217	516.9089	1.3138
89.869	521.7416	1.3232
89.993	523.0427	1.3246
90.61	527.8753	1.334
91.169	532.6151	1.3421
91.969	537.4477	1.3529
91.992	538.0983	1.3556
92.433	542.838	1.361
93.127	547.6707	1.3705
93.886	552.5033	1.3813
93.992	552.5033	1.3853
94.308	555.9419	1.3894
94.627	560.7746	1.3934
95.209	565.6073	1.4015
95.987	570.4399	1.4123
95.992	570.4399	1.4123
96.776	574.5291	1.4231
97.565	579.2688	1.4366
97.992	579.2688	1.4407
98.147	582.8004	1.4434
98.885	587.6331	1.4542
99.266	592.3728	1.4596
99.992	595.2538	1.4704
100.45	600.0865	1.4758
101.17	604.8262	1.4866
101.31	609.6588	1.4893
101.53	609.6588	1.4933
101.91	609.6588	1.4987
101.99	609.6588	1.5014
102.48	612.1681	1.5068
102.99	616.9078	1.5136
103.93	621.7405	1.5285
103.99	621.7405	1.5298
104.33	626.2014	1.5339
104.87	630.9411	1.5393
105.69	635.7738	1.5514

S3N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
144.34	998.4752	2.1077
144.42	998.4752	2.1104
144.96	998.4752	2.1171
145.05	998.4752	2.1185
145.12	998.4752	2.1185
145.99	1008.312	2.132
146.04	1008.312	2.1347
146.09	1008.312	2.1347
146.19	1008.312	2.1361
146.28	1008.312	2.1347
146.31	1008.312	2.1334
146.34	1008.312	2.1361
147.14	1020.855	2.1482
147.99	1021.593	2.1617
148.52	1034.381	2.1698
148.58	1034.381	2.1698
148.77	1034.381	2.1739
148.85	1034.381	2.1739
148.93	1034.381	2.1752
148.98	1034.381	2.1752
149.32	1034.381	2.1793
149.99	1034.381	2.1901
150.28	1044.218	2.1928
150.75	1044.218	2.1995
150.78	1044.218	2.1995
151.99	1044.218	2.2184
152.28	1055.777	2.2225
153.72	1068.319	2.2441
153.99	1068.319	2.2481
154.07	1068.319	2.2481
154.16	1068.319	2.2495
154.62	1078.402	2.2562
154.73	1078.402	2.2589
155	1078.402	2.263
155.99	1078.402	2.2765
156.68	1090.699	2.2873
156.75	1090.699	2.2873
156.9	1090.699	2.29
157.99	1090.699	2.3062
158.43	1102.995	2.3129
158.49	1102.995	2.3143
158.82	1102.995	2.3183
159.99	1107.914	2.3345
160.08	1107.914	2.3372
160.29	1107.914	2.3386
161.47	1120.456	2.3575
161.53	1120.456	2.3588
161.57	1120.456	2.3588
161.74	1120.456	2.3575
161.79	1120.456	2.3602
161.99	1122.916	2.3642
163.99	1128.326	2.3926
165.99	1137.426	2.425
166.06	1137.426	2.4236

S3N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
60.587	157.1104	0.8857
60.642	157.1104	0.8884
60.717	157.1104	0.8884
60.85	157.1104	0.8857
60.892	157.1104	0.8844
60.931	157.1104	0.883
60.961	157.1104	0.8817
61.455	164.3121	0.8952
61.534	164.3121	0.8979
61.995	164.3121	0.9033
63.995	164.3121	0.9317
64.452	164.3121	0.9411
64.554	164.3121	0.9425
64.741	164.3121	0.9411
64.772	164.3121	0.9411
65.995	164.3121	0.9614
66.511	164.3121	0.9722
66.591	164.3121	0.9735
66.713	164.3121	0.9735
66.782	164.3121	0.9708
66.825	164.3121	0.9695
66.863	164.3121	0.9681
67.994	169.9977	0.9897
68.489	169.9977	0.9992
68.633	169.9977	1.0005
68.717	169.9977	0.9978
68.746	169.9977	0.9992
69.994	169.9977	1.0194
70.557	169.9977	1.0289
70.694	169.9977	1.0289
71.219	179.8526	1.0356
71.253	179.8526	1.0397
71.678	179.8526	1.0451
71.994	179.8526	1.0491
72.463	179.8526	1.0586
72.545	179.8526	1.0586
72.626	179.8526	1.0599
72.794	179.8526	1.0572
72.834	179.8526	1.0572
72.863	179.8526	1.0572
73.994	181.1792	1.0775
74.489	181.1792	1.0869
74.561	181.1792	1.0896
74.622	181.1792	1.091
74.665	181.1792	1.091
74.872	181.1792	1.0883
74.912	181.1792	1.0883
74.942	181.1792	1.0869
74.965	181.1792	1.0856
75.037	191.0342	1.0937
75.994	191.6027	1.1072
77.994	194.256	1.1355
78.992	204.1109	1.1504
79.993	208.0908	1.1652

UCS Test Results, Stage Three

S3N3-1		7 Days	S3N3-2		7 Days	S3N4-1		7 Days	S3N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
17.09	181.4555	0.4456	105.91	640.5135	1.5582	166.17	1137.426	2.4236	80.081	208.0908	1.1666
17.114	181.4555	0.4483	105.99	640.5135	1.5568	167.99	1147.263	2.452	80.682	208.0908	1.172
17.233	181.4555	0.4456	106.5	643.3945	1.5649	169.99	1157.1	2.4804	81.993	213.9659	1.1936
17.272	181.4555	0.4469	107.2	648.2272	1.5744	170.02	1144.312	2.4817	82.561	213.9659	1.203
17.61	185.2048	0.451	107.81	652.9669	1.5838	170.54	1144.312	2.4898	82.688	213.9659	1.2044
17.718	185.2048	0.4604	107.99	652.9669	1.5865	170.54	1131.523	2.4871	83.304	223.8208	1.2125
17.727	185.2048	0.4618	108.51	657.7066	1.596	170.62	1118.735	2.4898	83.343	223.8208	1.2139
17.736	185.2048	0.4618	109.24	662.5393	1.6054	170.69	1106.193	2.4912	83.926	223.8208	1.222
17.745	185.2048	0.4618	109.99	666.9073	1.6162	171.99	1114.308	2.5087	83.993	223.8208	1.2233
17.751	185.2048	0.4618	110.58	671.74	1.6243	172.39	1127.097	2.5141	85.845	232.3491	1.249
17.759	185.2048	0.4631	111.21	676.4797	1.6324	172.74	1114.308	2.5209	85.993	232.3491	1.253
17.768	185.2048	0.4618	111.4	676.4797	1.6365	172.83	1126.851	2.5209	86.526	232.3491	1.2611
17.777	185.2048	0.4631	111.52	676.4797	1.6378	173.99	1120.702	2.5398	86.684	232.3491	1.2598
17.786	185.2048	0.4618	111.96	681.2194	1.6446	174.03	1108.16	2.5398	86.838	237.4661	1.2638
17.796	185.2048	0.4631	111.99	681.2194	1.6459	174.08	1095.372	2.5411	86.966	237.4661	1.2665
17.807	185.2048	0.4631	112.82	685.0298	1.6554	174.11	1082.829	2.5411	87.993	237.4661	1.2814
17.818	185.2048	0.4631	113.22	689.8624	1.6621	174.16	1070.041	2.5425	89.155	240.1193	1.2976
17.829	185.2048	0.4631	113.99	691.7212	1.6729	174.22	1057.498	2.5425	89.993	245.4258	1.3084
17.847	185.2048	0.4591	114.36	696.4609	1.6783	174.32	1070.041	2.5398	90.439	245.4258	1.3192
17.892	185.2048	0.4591	115.08	701.3865	1.6891	177.05	1127.834	2.5843	90.478	245.4258	1.3178
17.97	185.2048	0.4523	115.22	706.2191	1.6932	177.14	1115.292	2.583	90.521	245.4258	1.3205
17.979	185.2048	0.4564	115.47	706.2191	1.6959	177.19	1127.834	2.583	90.564	245.4258	1.3205
17.989	185.2048	0.455	115.8	706.3121	1.6986	177.27	1140.623	2.5857	90.61	245.4258	1.3219
17.999	185.2048	0.455	115.99	706.3121	1.7026	177.99	1135.458	2.5951	90.654	245.4258	1.3232
18.01	185.2048	0.4523	116.18	710.2154	1.7053	179.99	1137.672	2.6248	90.704	245.4258	1.3205
18.02	185.2048	0.4496	117.07	714.9551	1.7188	180.03	1124.883	2.6275	90.841	245.4258	1.3205
18.03	185.2048	0.4496	117.32	719.8807	1.7215	180.06	1112.095	2.6275	90.872	245.4258	1.3192
18.037	185.2048	0.4523	117.65	719.8807	1.7269	180.11	1099.552	2.6275	90.903	245.4258	1.3192
18.042	185.2048	0.4496	117.83	719.9736	1.7296	180.27	1112.095	2.6275	90.927	245.4258	1.3178
18.05	185.2048	0.4537	117.99	721.2747	1.7337	180.31	1124.883	2.6275	90.949	245.4258	1.3178
18.059	185.2048	0.4523	118.09	721.2747	1.7337	180.34	1137.426	2.6289	90.966	245.4258	1.3165
18.068	185.2048	0.451	118.13	721.2747	1.7323	180.95	1124.637	2.6383	90.984	245.4258	1.3178
18.077	185.2048	0.451	118.32	726.2003	1.7364	181.65	1111.849	2.6478	91.673	255.0913	1.334
18.083	185.2048	0.455	118.95	731.1259	1.7458	181.84	1124.637	2.6505	91.77	255.0913	1.3367
18.091	185.2048	0.455	119.22	735.9586	1.7499	181.99	1117.751	2.6559	91.992	255.0913	1.3381
18.102	187.3979	0.4564	119.44	735.9586	1.7539	187.39	1120.211	2.7329	92.717	258.5026	1.3475
18.123	191.1472	0.4604	119.87	736.0515	1.7566	187.98	1124.391	2.7423	93.992	258.5026	1.3691
18.501	194.8259	0.4672	119.99	736.9809	1.762	189.48	1136.688	2.7626	94.578	258.5026	1.3772
18.729	198.5752	0.4712	120.48	741.9065	1.7674	189.98	1130.786	2.7707	94.644	258.5026	1.3772
18.968	198.5752	0.4739	121.18	746.7391	1.7782	190.04	1118.243	2.772	94.715	266.2728	1.3759
19.025	198.5752	0.4712	121.93	751.5718	1.789	190.24	1130.786	2.772	94.885	266.2728	1.3826
19.178	202.2539	0.4793	121.99	751.5718	1.789	190.4	1143.328	2.7774	95.268	266.2728	1.3867
19.306	202.2539	0.4793	122.54	754.5458	1.7958	190.45	1130.786	2.7774	95.992	266.2728	1.3975
19.433	202.2539	0.478	123.21	759.1925	1.8052	191.98	1133.737	2.8004	96.501	266.2728	1.4042
19.495	206.0032	0.4793	123.71	764.0252	1.8133	192.01	1121.194	2.8004	96.575	266.2728	1.4069
19.623	206.0032	0.4847	123.99	764.0252	1.8174	192.09	1108.406	2.8017	96.682	266.2728	1.4056
19.689	206.0032	0.4834	124.22	765.4192	1.8201	192.21	1121.194	2.8004	96.829	266.2728	1.4096
19.721	206.0032	0.4874	124.81	770.3448	1.8309	192.26	1133.737	2.8031	96.831	266.2728	1.4096
19.734	206.0032	0.4888	125.79	775.1775	1.8444	193.98	1127.588	2.8287	96.835	266.2728	1.4083
19.746	206.0032	0.4901	125.99	775.1775	1.8458	194.04	1114.8	2.8301	96.88	266.2728	1.411
19.756	206.0032	0.4901	126.38	775.1775	1.8525	194.21	1127.588	2.8301	97.097	266.2728	1.4137
19.766	206.0032	0.4915	127.16	775.1775	1.8633	194.33	1140.131	2.8314	97.891	266.2728	1.4231
19.776	206.0032	0.4901	127.87	778.3373	1.8741	195.13	1127.342	2.8463	97.896	266.2728	1.4245
19.785	206.0032	0.4915	127.99	778.3373	1.8768	195.3	1140.131	2.8463	97.992	266.2728	1.4245

UCS Test Results, Stage Three

S3N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
19.795	206.0032	0.4901
19.805	206.0032	0.4915
19.815	206.0032	0.4901
19.825	206.0032	0.4901
19.837	206.0032	0.4915
19.853	206.0032	0.4901
19.867	206.0032	0.4901
19.887	206.0032	0.4901
19.976	206.0032	0.4847
19.987	206.0032	0.4861
19.998	206.0032	0.4847
20.016	206.0032	0.4793
20.023	206.0032	0.4847
20.028	206.0032	0.4807
20.036	206.0032	0.478
20.041	206.0032	0.4793
20.046	206.0032	0.4793
20.053	206.0032	0.4807
20.058	206.0032	0.4793
20.066	206.0032	0.4807
20.074	206.0032	0.4834
20.08	206.0032	0.482
20.09	206.0032	0.482
20.099	208.6915	0.4888
20.139	212.4409	0.4901
20.51	216.1195	0.4955
20.868	219.8689	0.4996
20.996	219.8689	0.5036
21.043	219.8689	0.5009
21.159	219.8689	0.5063
21.268	219.8689	0.509
21.318	223.5475	0.5063
21.697	227.2969	0.5171
21.711	227.2969	0.5171
21.722	227.2969	0.5185
21.732	227.2969	0.5185
21.743	227.2969	0.5198
21.753	227.2969	0.5185
21.762	227.2969	0.5198
21.772	227.2969	0.5198
21.781	227.2969	0.5198
21.788	227.2969	0.5198
21.796	227.2969	0.5212
21.805	227.2969	0.5198
21.814	227.2969	0.5198
21.824	227.2969	0.5212
21.835	227.2969	0.5212
21.847	227.2969	0.5198
21.865	227.2969	0.5185
21.983	227.2969	0.5158
21.998	227.2969	0.5117
22.005	227.2969	0.5117
22.013	227.2969	0.509
22.021	227.2969	0.5131

S3N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
128.61	783.077	1.8849
129.99	785.4934	1.9052
131.01	790.1402	1.92
131.86	794.8799	1.9322
131.99	794.8799	1.9335
132.22	796.4598	1.9376
132.99	801.1995	1.9497
133.31	805.9392	1.9551
133.38	805.9392	1.9565
133.44	805.9392	1.9551
133.99	805.9392	1.9646
134.97	805.9392	1.9794
135.83	805.9392	1.9902
135.99	805.9392	1.9943
136.67	809.7496	2.0024
137.19	814.5823	2.0091
137.44	814.5823	2.0145
137.73	814.5823	2.0172
137.99	814.5823	2.0213
138.74	818.5785	2.0321
139.87	823.2253	2.0483
139.99	823.597	2.0496
140.92	828.2438	2.0631
141.99	830.4743	2.0793
142.28	835.307	2.0834
143.76	840.1396	2.105
143.99	840.1396	2.109
145.21	843.0206	2.1266
145.43	843.0206	2.128
145.6	843.0206	2.1334
145.99	843.0206	2.1361
146.58	844.6005	2.1455
147.99	844.6005	2.1658
149.99	844.6005	2.1955
150.21	844.6005	2.1995
150.27	844.6005	2.1982
150.61	844.6005	2.2049
151.86	844.6005	2.2225
151.92	844.6005	2.2252
151.96	844.6005	2.2238
151.99	844.6005	2.2265
152.16	844.6005	2.2238
152.29	844.6005	2.2292
152.37	844.6005	2.2306
152.52	844.6005	2.2319
152.94	844.6005	2.24
152.98	844.6005	2.24
153.1	844.6005	2.2427
153.19	844.6005	2.2387
153.22	844.6005	2.2414
153.26	844.6005	2.2427
153.55	844.6005	2.2481
153.61	844.6005	2.2468
153.85	844.6005	2.2508

S3N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
195.38	1127.342	2.8476
195.5	1139.885	2.8476
195.98	1135.704	2.8571
196.03	1122.916	2.8584
198.17	1133.737	2.8881
199.5	1120.702	2.9084
199.67	1133.245	2.9097
199.98	1124.145	2.9151
200.22	1136.688	2.9165
200.95	1123.899	2.9286
201.98	1118.735	2.9448
202.29	1131.277	2.9462
203.48	1118.489	2.9651
203.66	1131.031	2.9678
203.76	1118.243	2.9691
203.85	1131.031	2.9705
204.39	1048.399	2.9759
204.4	1060.941	2.9745
204.41	1073.73	2.9745
204.42	1086.272	2.9745
204.43	1098.815	2.9745
204.44	1111.603	2.9732
204.46	1124.145	2.9745
204.48	1136.688	2.9772
204.7	1124.145	2.9826
205.32	1111.357	2.9921
205.98	1105.455	3.0015
207.98	1104.225	3.0312
209.16	1091.437	3.0475
209.25	1103.979	3.0475
209.98	1097.831	3.0623
210.4	1110.619	3.0623
211.02	1097.831	3.0745
211.15	1110.373	3.0758
211.42	1097.831	3.0812
211.98	1103.487	3.088
212.06	1090.945	3.0907
212.25	1103.487	3.092
213.51	1090.699	3.1109
213.66	1103.241	3.1123
213.98	1101.52	3.119
214.08	1088.977	3.119
214.17	1101.52	3.119
215.98	1096.847	3.1474
216.06	1084.305	3.1474
216.2	1096.847	3.1487
220.24	1083.813	3.2054
221.98	1077.419	3.2351
222.03	1064.876	3.2351
222.2	1077.665	3.2338
223.39	1064.63	3.254
223.58	1077.173	3.2554
223.98	1068.073	3.2635
224.06	1055.285	3.2635

S3N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
98.227	266.2728	1.4299
98.7	266.2728	1.4339
98.966	266.2728	1.4393
98.987	266.2728	1.4407
99.405	266.2728	1.4461
99.785	266.2728	1.4515
99.992	266.2728	1.4542
100.06	266.2728	1.4569
100.33	266.2728	1.4582
100.62	266.2728	1.465
100.68	266.2728	1.4609
100.73	266.2728	1.4636
101.38	267.9785	1.4731
101.99	269.3051	1.4839
102.5	269.3051	1.4947
102.55	269.3051	1.4933
102.6	269.3051	1.4947
102.75	269.3051	1.492
102.77	269.3051	1.4906
102.79	269.3051	1.4906
102.82	279.1601	1.492
102.85	289.015	1.4947
102.92	289.015	1.4974
103.99	289.015	1.5136
104.24	289.015	1.5163
104.45	289.015	1.5203
104.55	289.015	1.5203
104.69	289.015	1.5203
104.72	289.015	1.5203
104.74	298.1119	1.5217
104.95	298.1119	1.5271
105.18	298.1119	1.5298
105.74	307.9668	1.5366
105.99	308.5353	1.5406
106.07	308.5353	1.5447
106.32	308.5353	1.546
106.45	308.5353	1.5501
106.66	308.5353	1.5474
106.74	318.3903	1.5514
107.6	328.2452	1.5649
107.79	328.2452	1.5676
107.99	328.2452	1.5717
108.53	328.2452	1.5784
108.69	328.2452	1.5771
108.76	330.8985	1.5811
109.36	340.7534	1.5906
109.37	340.7534	1.5919
109.7	340.7534	1.596
109.99	345.3018	1.6
110.52	345.3018	1.6081
110.6	345.3018	1.6068
110.8	355.1568	1.6095
111.12	365.0117	1.6149
111.13	365.0117	1.6162

UCS Test Results, Stage Three

S3N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
22.026	227.2969	0.5104
22.034	227.2969	0.5104
22.04	227.2969	0.5077
22.045	227.2969	0.5077
22.052	227.2969	0.509
22.057	227.2969	0.509
22.066	227.2969	0.509
22.073	227.2969	0.509
22.081	227.2969	0.5104
22.088	227.2969	0.5131
22.097	227.2969	0.5117
22.115	230.9755	0.5171
22.362	234.7249	0.5212
22.793	238.4035	0.5279
23.091	242.1529	0.532
23.144	242.1529	0.5347
23.293	242.1529	0.5374
23.439	245.8315	0.5374
23.516	245.8315	0.5401
23.642	245.8315	0.5414
23.71	245.8315	0.5468
23.722	245.8315	0.5468
23.733	245.8315	0.5468
23.742	245.8315	0.5468
23.753	245.8315	0.5482
23.763	245.8315	0.5482
23.772	245.8315	0.5495
23.781	245.8315	0.5495
23.79	245.8315	0.5495
23.798	245.8315	0.5482
23.804	245.8315	0.5495
23.813	245.8315	0.5509
23.823	245.8315	0.5509
23.834	245.8315	0.5509
23.847	245.8315	0.5482
23.861	245.8315	0.5482
23.884	245.8315	0.5455
23.979	245.8315	0.5441
23.998	245.8315	0.5401
24.005	245.8315	0.5428
24.012	245.8315	0.5374
24.02	245.8315	0.5401
24.024	245.8315	0.536
24.03	245.8315	0.5387
24.034	245.8315	0.536
24.04	245.8315	0.5387
24.044	245.8315	0.5374
24.05	245.8315	0.5374
24.056	245.8315	0.536
24.062	245.8315	0.5387
24.07	245.8315	0.5374
24.075	245.8315	0.536
24.083	245.8315	0.5387
24.091	245.8315	0.5428

S3N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
153.95	844.6005	2.2535
153.99	844.6005	2.2549
154.45	846.831	2.2616
154.5	846.831	2.2616
154.54	846.831	2.2643
154.59	846.831	2.2643
154.63	846.831	2.2643
154.75	846.831	2.263
154.78	846.831	2.2616
154.79	846.831	2.2657
154.99	846.831	2.267
155.07	846.831	2.2697
155.1	846.831	2.2724
155.12	846.831	2.2724
155.14	846.831	2.2724
155.16	846.831	2.2738
155.19	846.831	2.2724
155.23	846.831	2.2724
155.28	846.831	2.2751
155.33	846.831	2.2738
155.42	846.831	2.2724
155.44	846.831	2.2738
155.46	846.831	2.2711
155.48	846.831	2.2697
155.49	846.831	2.2724
155.5	846.831	2.2697
155.51	846.831	2.2711
155.52	846.831	2.2724
155.53	846.831	2.2724
155.55	851.4778	2.2751
155.65	851.4778	2.2792
155.73	851.4778	2.2778
155.9	851.4778	2.2819
155.99	851.4778	2.2819
156.09	851.4778	2.2819
156.16	851.4778	2.2859
156.21	851.4778	2.2873
156.34	851.4778	2.2846
156.38	851.4778	2.2873
156.63	851.4778	2.294
156.72	851.4778	2.2927
156.81	851.4778	2.2927
156.85	851.4778	2.2967
157	851.4778	2.2981
157.08	851.4778	2.3008
157.11	851.4778	2.2994
157.14	851.4778	2.2994
157.32	851.4778	2.2994
157.34	851.4778	2.2981
157.36	851.4778	2.2981
157.38	851.4778	2.3008
157.41	853.4294	2.3021
157.51	853.4294	2.3048
157.62	853.4294	2.3035

S3N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
224.18	1068.073	3.2635
225.37	1055.039	3.2824
225.98	1056.761	3.2918
227.98	1053.809	3.3215
228.03	1041.267	3.3229
228.2	1053.809	3.3229
229.86	1041.021	3.3485
230.3	805.4203	3.3513
230.31	817.9627	3.3513
230.32	830.5051	3.3513
230.34	843.0476	3.3499
230.35	855.8359	3.3499
230.36	868.3783	3.3499
230.36	880.9208	3.3499
237.98	993.8026	3.466
240.05	990.8514	3.4957
241.98	993.8026	3.5241
243.98	982.7357	3.5524
245.68	969.9474	3.5767
245.98	966.5044	3.5821
246.02	953.9619	3.5835
246.2	966.5044	3.5821
246.25	979.0468	3.5835
255.51	905.0219	3.7185
255.98	904.0382	3.7253
257.47	891.4957	3.7482
257.98	892.2335	3.7563
259.11	879.4452	3.7712
259.98	871.8214	3.7847
268.2	827.554	3.9021
268.42	815.0116	3.9062
269.98	805.6662	3.9291
271.25	792.8779	3.948
271.98	786.2378	3.9589
272.05	773.6953	3.9589
272.13	786.2378	3.9589
272.26	798.5343	3.9616
277.98	757.9558	4.0453
279.98	749.3483	4.075
281.19	736.8059	4.0912
281.98	730.9035	4.102
283.49	718.1152	4.1263
283.98	714.9181	4.1317
285.18	702.1298	4.1492
285.51	714.6722	4.1546
285.98	708.7699	4.1614
287.02	696.2274	4.1762
287.12	708.7699	4.1762
287.98	704.3431	4.1911
289.98	700.9001	4.2194
290.48	688.3577	4.2262
291.62	688.3577	4.2424

S3N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.53	365.0117	1.6203
111.99	368.8021	1.6297
112.32	378.657	1.6324
112.35	378.657	1.6351
112.72	378.657	1.6365
113.21	388.512	1.6446
113.25	388.512	1.6486
113.64	388.512	1.6527
113.94	388.512	1.6554
113.99	388.512	1.6581
114.09	388.512	1.6594
114.11	388.512	1.6594
114.45	388.512	1.6662
114.52	388.512	1.6662
114.68	388.512	1.6648
114.73	388.512	1.6675
115.05	388.512	1.6729
115.38	388.512	1.677
115.99	388.512	1.6851
116.26	388.512	1.6891
116.41	388.512	1.6945
116.47	388.512	1.6959
116.53	388.512	1.6959
116.6	388.512	1.6959
116.71	388.512	1.6945
116.73	388.512	1.6932
116.75	388.512	1.6918
116.77	388.512	1.6945
116.89	398.1774	1.6986
117.59	408.0323	1.708
117.99	411.8227	1.7148
118.46	411.8227	1.7215
118.65	411.8227	1.7242
118.77	421.6776	1.7269
119.73	431.5325	1.7391
119.99	437.4076	1.7458
120.44	437.4076	1.7512
120.66	437.4076	1.7526
120.81	447.073	1.7553
121.87	456.928	1.7715
121.99	457.4965	1.7742
122.48	457.4965	1.7809
122.66	457.4965	1.7809
122.76	467.3514	1.7836
123.57	477.2064	1.7958
123.99	482.3234	1.8012
124.01	482.3234	1.8025
124.67	482.3234	1.812
124.75	492.1783	1.8133
125.02	492.1783	1.8187
125.46	492.1783	1.8228
125.99	492.1783	1.8309
126.34	499.9486	1.8377
126.55	499.9486	1.8404

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
24.099	249.0149	0.5455
24.166	252.7643	0.5482
24.587	256.4429	0.5549
24.631	256.4429	0.5549
24.719	256.4429	0.5549
25.016	260.1923	0.5617
25.308	260.1923	0.5684
25.385	260.1923	0.563
25.493	263.8709	0.5657
25.724	263.8709	0.5765
25.732	263.8709	0.5752
25.739	263.8709	0.5779
25.748	263.8709	0.5779
25.757	263.8709	0.5792
25.765	263.8709	0.5779
25.77	263.8709	0.5792
25.778	263.8709	0.5792
25.785	263.8709	0.5792
25.79	263.8709	0.5792
25.798	263.8709	0.5792
25.806	263.8709	0.5779
25.815	263.8709	0.5779
25.826	263.8709	0.5779
25.838	263.8709	0.5779
25.849	263.8709	0.5765
25.864	263.8709	0.5752
25.948	263.8709	0.5725
25.97	263.8709	0.5711
25.979	263.8709	0.5725
25.995	263.8709	0.5725
25.998	263.8709	0.5725
26.003	263.8709	0.5711
26.02	263.8709	0.5671
26.028	263.8709	0.5671
26.032	263.8709	0.5671
26.037	263.8709	0.5684
26.041	263.8709	0.5698
26.046	263.8709	0.5657
26.051	263.8709	0.5657
26.057	263.8709	0.5657
26.061	263.8709	0.5657
26.069	263.8709	0.5644
26.074	263.8709	0.5657
26.08	263.8709	0.5657
26.085	263.8709	0.5684
26.09	265.1443	0.5698
26.101	268.8229	0.5725
26.124	272.5016	0.5792
26.665	276.2509	0.5833
26.994	279.9296	0.5873
27.288	283.6789	0.5941
27.668	287.3576	0.5981
27.702	287.3576	0.6049
27.712	287.3576	0.6049

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
157.99	853.4294	2.3129
158.46	853.4294	2.3183
158.5	853.4294	2.321
158.59	853.4294	2.3197
158.71	853.4294	2.321
158.95	853.4294	2.3278
159.01	853.4294	2.3264
159.08	853.4294	2.3278
159.11	853.4294	2.3291
159.15	853.4294	2.3305
159.33	853.4294	2.3291
159.36	853.4294	2.3264
159.37	853.4294	2.3291
159.39	853.4294	2.3291
159.47	855.1023	2.3318
159.6	855.1023	2.3345
159.99	855.1023	2.3399
160.53	855.1023	2.3467
160.65	855.1023	2.3494
160.71	855.1023	2.3507
160.98	855.1023	2.3561
161.08	855.1023	2.3602
161.1	855.1023	2.3615
161.11	855.1023	2.3602
161.12	855.1023	2.3588
161.14	855.1023	2.3615
161.15	855.1023	2.3629
161.16	855.1023	2.3602
161.18	855.1023	2.3602
161.19	855.1023	2.3629
161.19	855.1023	2.3602
161.19	855.1023	2.3602
161.2	855.1023	2.3602
161.2	855.1023	2.3615
161.21	855.1023	2.3629
161.22	855.1023	2.3629
161.23	855.1023	2.3615
161.25	855.1023	2.3629
161.27	855.1023	2.3615
161.3	855.1023	2.3588
161.37	855.1023	2.3548
161.38	855.1023	2.3548
161.39	855.1023	2.3561
161.4	855.1023	2.3534
161.41	855.1023	2.3548
161.42	855.1023	2.3561
161.42	855.1023	2.3548
161.43	855.1023	2.3521
161.44	855.1023	2.3548
161.44	855.1023	2.3561
161.45	855.1023	2.3534
161.46	855.1023	2.3507
161.46	855.1023	2.3548
161.47	855.1023	2.3534

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
126.62	499.9486	1.839
126.76	509.8035	1.8417
126.91	509.8035	1.8444
127.51	509.8035	1.8525
127.87	509.8035	1.8579
127.99	509.8035	1.8606
128.68	512.8358	1.8701
129.21	522.6907	1.8782
129.66	532.5457	1.8836
129.99	532.5457	1.889
130.31	538.9893	1.8917
130.71	548.8442	1.8998
131.53	558.5096	1.9106
131.99	563.8161	1.9187
132.71	573.4815	1.9281
133.99	580.6832	1.947
134.42	580.6832	1.9565
134.49	580.6832	1.9578
134.56	580.6832	1.9578
134.64	580.6832	1.9565
134.68	580.6832	1.9538
134.7	580.6832	1.9538
134.72	580.6832	1.9538
134.74	580.6832	1.9565
134.76	590.3486	1.9578
135.64	600.2036	1.9713
135.99	603.9939	1.9767
136.72	613.8489	1.9862
137.58	623.5143	1.9997
137.99	626.7361	2.0051
138	626.7361	2.0051
138.03	626.7361	2.0051
138.68	636.591	2.0132
139.08	646.446	2.0213
139.93	656.1114	2.0321
139.99	656.1114	2.0348
140.48	656.1114	2.0429
140.66	656.1114	2.0415
140.71	664.4502	2.0442
141.99	672.9785	2.0618
142.39	672.9785	2.0699
142.42	672.9785	2.0712
142.47	672.9785	2.0726
142.49	672.9785	2.0726
142.53	672.9785	2.0712
142.55	672.9785	2.0739
142.58	672.9785	2.0739
142.61	672.9785	2.0753
142.63	672.9785	2.0753
142.67	672.9785	2.0766
142.7	672.9785	2.0753
142.89	672.9785	2.0753
142.91	672.9785	2.0753
142.93	672.9785	2.0739

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
27.717	287.3576	0.6062
27.725	287.3576	0.6076
27.734	287.3576	0.6062
27.742	287.3576	0.6062
27.748	287.3576	0.6076
27.755	287.3576	0.6076
27.763	287.3576	0.6076
27.768	287.3576	0.609
27.775	287.3576	0.609
27.779	287.3576	0.6076
27.786	287.3576	0.609
27.794	287.3576	0.6076
27.803	287.3576	0.6076
27.812	287.3576	0.6062
27.819	287.3576	0.6062
27.836	287.3576	0.6035
27.879	287.3576	0.6035
27.946	287.3576	0.6008
27.964	287.3576	0.6008
27.974	287.3576	0.6022
27.994	287.3576	0.5968
27.998	287.3576	0.5954
28.006	287.3576	0.5954
28.011	287.3576	0.5968
28.016	287.3576	0.5954
28.022	287.3576	0.5941
28.026	287.3576	0.5954
28.031	287.3576	0.5968
28.036	287.3576	0.5981
28.042	287.3576	0.5954
28.047	287.3576	0.5941
28.056	287.3576	0.5968
28.06	287.3576	0.5954
28.066	287.3576	0.5981
28.073	287.3576	0.5995
28.084	287.3576	0.5995
28.097	289.3384	0.6062
28.162	293.017	0.6049
28.561	296.7664	0.6144
28.596	296.7664	0.6144
28.677	296.7664	0.6144
28.723	296.7664	0.6144
28.764	296.7664	0.613
28.97	300.445	0.6184
29.21	300.445	0.6238
29.265	300.445	0.6198
29.43	304.1236	0.6252
29.7	304.1236	0.6333
29.71	304.1236	0.6333
29.72	304.1236	0.6346
29.73	304.1236	0.6346
29.736	304.1236	0.6346
29.744	304.1236	0.636
29.752	304.1236	0.636

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.48	855.1023	2.3534
161.48	855.1023	2.3534
161.49	855.1023	2.3575
161.5	855.1023	2.3575
161.51	855.1023	2.3602
161.52	855.1023	2.3588
161.7	855.1023	2.3642
161.99	855.1023	2.371
162.77	855.1023	2.3818
163.07	855.1023	2.3858
163.08	855.1023	2.3872
163.11	855.1023	2.3899
163.12	855.1023	2.3885
163.13	855.1023	2.3885
163.15	855.1023	2.3899
163.17	855.1023	2.3899
163.18	855.1023	2.3912
163.2	855.1023	2.3899
163.21	855.1023	2.3912
163.23	855.1023	2.3926
163.24	855.1023	2.3912
163.26	855.1023	2.3926
163.27	855.1023	2.3899
163.29	855.1023	2.3912
163.34	855.1023	2.3885
163.4	855.1023	2.3872
163.42	855.1023	2.3872
163.43	855.1023	2.3872
163.44	855.1023	2.3872
163.46	855.1023	2.3858
163.46	855.1023	2.3845
163.47	855.1023	2.3858
163.48	855.1023	2.3845
163.49	855.1023	2.3831
163.5	855.1023	2.3831
163.5	855.1023	2.3858
163.51	855.1023	2.3858
163.52	855.1023	2.3831
163.53	855.1023	2.3831
163.54	855.1023	2.3858
163.54	855.1023	2.3899
163.56	855.1023	2.3885
163.57	855.1023	2.3899
163.77	855.1023	2.3953
163.99	855.1023	2.3966
164.54	855.1023	2.4047
164.62	855.1023	2.4061
165.06	855.1023	2.4169
165.08	855.1023	2.4169
165.1	855.1023	2.4182
165.11	855.1023	2.4169
165.13	855.1023	2.4209
165.15	855.1023	2.4169
165.16	855.1023	2.4182

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
142.95	672.9785	2.0739
142.96	672.9785	2.0712
142.98	672.9785	2.0726
142.99	672.9785	2.0712
143	672.9785	2.0712
143.01	672.9785	2.0726
143.02	672.9785	2.0726
143.03	672.9785	2.0739
143.05	682.6439	2.0766
143.17	682.6439	2.0793
143.99	682.6439	2.0928
144.49	682.6439	2.1009
144.65	682.6439	2.1009
144.68	688.3295	2.0996
145.14	698.1844	2.1077
145.99	703.3014	2.1212
146.53	703.3014	2.1293
146.72	703.3014	2.132
147.34	712.9668	2.1401
147.99	717.5152	2.1496
148.45	717.5152	2.159
148.51	717.5152	2.159
148.55	717.5152	2.159
148.61	717.5152	2.1604
148.7	717.5152	2.1577
148.71	717.5152	2.1577
148.73	717.5152	2.1563
148.75	717.5152	2.1577
148.78	727.1807	2.159
149.14	737.0356	2.1658
149.99	742.1526	2.1806
151.17	751.818	2.1968
151.99	758.2616	2.209
152.79	767.927	2.2198
153.42	777.5925	2.2292
153.99	778.161	2.2373
154.65	788.0159	2.2468
155.49	797.6814	2.2589
155.99	798.2499	2.267
156.46	798.2499	2.2738
156.52	798.2499	2.2765
156.65	798.2499	2.2738
156.68	798.2499	2.2724
156.71	807.9153	2.2751
157.42	817.7703	2.2859
157.99	817.7703	2.2954
158.64	826.6776	2.3035
159.33	836.343	2.3143
159.99	839.5649	2.3237
160.43	839.5649	2.3305
160.52	839.5649	2.3332
160.68	839.5649	2.3291
160.7	839.5649	2.3318
160.72	849.2303	2.3345

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
29.759	304.1236	0.636
29.764	304.1236	0.6373
29.772	304.1236	0.6373
29.779	304.1236	0.6373
29.784	304.1236	0.6373
29.792	304.1236	0.636
29.798	304.1236	0.6373
29.806	304.1236	0.6373
29.815	304.1236	0.636
29.826	304.1236	0.6346
29.842	304.1236	0.6319
29.877	304.1236	0.6319
29.951	304.1236	0.6252
29.961	304.1236	0.6279
29.966	304.1236	0.6292
29.975	304.1236	0.6292
29.991	304.1236	0.6292
29.998	304.1236	0.6265
30.005	304.1236	0.6225
30.011	304.1236	0.6252
30.015	304.1236	0.6238
30.02	304.1236	0.6238
30.024	304.1236	0.6238
30.028	304.1236	0.6238
30.033	304.1236	0.6225
30.039	304.1236	0.6238
30.044	304.1236	0.6252
30.05	304.1236	0.6238
30.055	304.1236	0.6252
30.062	304.1236	0.6279
30.067	304.1236	0.6265
30.076	305.8922	0.6292
30.086	309.5708	0.6333
30.353	313.2494	0.6373
30.753	316.9988	0.6454
31.223	320.6774	0.6495
31.591	324.3561	0.6549
31.702	324.3561	0.6643
31.71	324.3561	0.6643
31.72	324.3561	0.6657
31.729	324.3561	0.6643
31.735	324.3561	0.663
31.741	324.3561	0.6657
31.749	324.3561	0.6657
31.756	324.3561	0.663
31.762	324.3561	0.667
31.77	324.3561	0.667
31.775	324.3561	0.6657
31.781	324.3561	0.667
31.788	324.3561	0.6657
31.792	324.3561	0.667
31.8	324.3561	0.667
31.81	324.3561	0.6657
31.819	324.3561	0.6643

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
165.18	855.1023	2.4209
165.19	855.1023	2.4209
165.21	855.1023	2.4196
165.22	855.1023	2.4182
165.23	855.1023	2.4209
165.25	855.1023	2.4209
165.26	855.1023	2.4196
165.27	855.1023	2.4209
165.29	855.1023	2.4182
165.39	855.1023	2.4142
165.41	855.1023	2.4142
165.42	855.1023	2.4128
165.43	855.1023	2.4128
165.44	855.1023	2.4115
165.45	855.1023	2.4142
165.46	855.1023	2.4128
165.46	855.1023	2.4128
165.47	855.1023	2.4128
165.48	855.1023	2.4128
165.48	855.1023	2.4115
165.49	855.1023	2.4115
165.5	855.1023	2.4128
165.51	855.1023	2.4115
165.51	855.1023	2.4169
165.52	855.1023	2.4169
165.53	855.1023	2.4169
165.57	858.8197	2.4196
165.67	858.8197	2.4223
165.97	858.8197	2.4263
165.99	858.8197	2.4277
166.33	858.8197	2.4345
167.05	858.8197	2.4466
167.07	858.8197	2.448
167.08	858.8197	2.448
167.09	858.8197	2.4466
167.11	858.8197	2.4493
167.12	858.8197	2.4493
167.13	858.8197	2.448
167.14	858.8197	2.4493
167.15	858.8197	2.4493
167.16	858.8197	2.4507
167.17	858.8197	2.4507
167.18	858.8197	2.4507
167.19	858.8197	2.4507
167.2	858.8197	2.4507
167.21	858.8197	2.4507
167.22	858.8197	2.448
167.24	858.8197	2.4493
167.26	858.8197	2.4493
167.29	858.8197	2.4453
167.36	858.8197	2.4412
167.37	858.8197	2.4439
167.38	858.8197	2.4412
167.39	858.8197	2.4412

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.99	855.6739	2.3534
162.74	865.3393	2.3642
163.83	875.0047	2.3804
163.99	875.0047	2.3818
164.12	879.5532	2.3845
164.51	879.5532	2.3899
164.71	879.5532	2.3912
165.34	889.2186	2.402
165.99	893.0089	2.4101
166.45	893.0089	2.4182
166.5	893.0089	2.4209
166.55	893.0089	2.4196
166.67	893.0089	2.4182
166.69	893.0089	2.4182
166.72	893.0089	2.4182
166.74	902.6744	2.4209
167.72	912.3398	2.4358
167.82	912.3398	2.4372
167.99	912.3398	2.4399
168.64	915.3721	2.4507
169.76	925.0375	2.4655
169.99	926.9327	2.4682
170.43	926.9327	2.4763
170.62	926.9327	2.4763
170.75	936.5981	2.479
171.99	936.5981	2.4979
172.64	944.1788	2.5087
173.99	948.5377	2.5263
174.78	948.5377	2.5398
175.46	948.5377	2.5479
175.99	948.5377	2.556
176.15	948.5377	2.5573
176.43	948.5377	2.5641
176.65	948.5377	2.5627
177.99	948.5377	2.5843
178.4	948.5377	2.5911
178.69	948.5377	2.5938
179.99	948.5377	2.614
180.39	948.5377	2.6208
180.44	948.5377	2.6221
180.49	948.5377	2.6221
180.53	948.5377	2.6235
180.61	948.5377	2.6235
180.64	948.5377	2.6221
180.68	948.5377	2.6208
180.7	948.5377	2.6208
180.72	948.5377	2.6208
180.74	948.5377	2.6235
181.99	948.5377	2.6424
182.37	948.5377	2.6491
182.64	948.5377	2.6532
183.99	948.5377	2.6721
184.45	948.5377	2.6802
184.63	948.5377	2.6802

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
31.829	324.3561	0.663
31.843	324.3561	0.6616
31.942	324.3561	0.6589
31.958	324.3561	0.6549
31.963	324.3561	0.6549
31.97	324.3561	0.6589
31.98	324.3561	0.6589
31.99	324.3561	0.6549
31.997	324.3561	0.6549
32.001	324.3561	0.6508
32.005	324.3561	0.6535
32.01	324.3561	0.6522
32.014	324.3561	0.6522
32.019	324.3561	0.6535
32.023	324.3561	0.6522
32.029	324.3561	0.6522
32.034	324.3561	0.6508
32.04	324.3561	0.6549
32.044	324.3561	0.6535
32.051	324.3561	0.6576
32.06	324.3561	0.6589
32.069	326.6198	0.6589
32.084	330.2985	0.663
32.162	330.2985	0.6643
32.228	330.2985	0.6616
32.493	333.9771	0.667
32.589	333.9771	0.6711
32.7	333.9771	0.6711
32.894	337.7265	0.6738
33.247	337.7265	0.6792
33.292	337.7265	0.6778
33.355	341.4051	0.6819
33.696	341.4051	0.6913
33.706	341.4051	0.6927
33.716	341.4051	0.6927
33.725	341.4051	0.694
33.733	341.4051	0.6927
33.739	341.4051	0.694
33.747	341.4051	0.6954
33.755	341.4051	0.694
33.761	341.4051	0.6954
33.768	341.4051	0.694
33.776	341.4051	0.694
33.783	341.4051	0.694
33.789	341.4051	0.6954
33.796	341.4051	0.694
33.805	341.4051	0.694
33.81	341.4051	0.694
33.821	341.4051	0.694
33.831	341.4051	0.6927
33.852	341.4051	0.69
33.957	341.4051	0.6832
33.963	341.4051	0.6873
33.969	341.4051	0.6873

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.4	858.8197	2.4412
167.41	858.8197	2.4412
167.41	858.8197	2.4412
167.42	858.8197	2.4385
167.43	858.8197	2.4412
167.43	858.8197	2.4399
167.44	858.8197	2.4399
167.44	858.8197	2.4385
167.45	858.8197	2.4385
167.45	858.8197	2.4412
167.46	858.8197	2.4385
167.47	858.8197	2.4412
167.47	858.8197	2.4412
167.48	858.8197	2.4426
167.48	858.8197	2.4439
167.49	858.8197	2.4466
167.52	858.8197	2.4493
167.87	858.8197	2.4561
167.99	858.8197	2.4574
168.09	858.8197	2.4574
168.26	858.8197	2.4588
168.45	858.8197	2.4615
168.5	858.8197	2.4628
168.69	858.8197	2.4669
168.76	858.8197	2.4655
169.05	858.8197	2.4763
169.07	858.8197	2.475
169.08	858.8197	2.4777
169.09	858.8197	2.4777
169.1	858.8197	2.4777
169.11	858.8197	2.4777
169.13	858.8197	2.479
169.13	858.8197	2.479
169.14	858.8197	2.4777
169.15	858.8197	2.4763
169.16	858.8197	2.4777
169.17	858.8197	2.4777
169.18	858.8197	2.479
169.19	858.8197	2.479
169.2	858.8197	2.479
169.21	858.8197	2.479
169.22	858.8197	2.4763
169.24	858.8197	2.4777
169.25	858.8197	2.4777
169.29	858.8197	2.4736
169.32	858.8197	2.4736
169.35	858.8197	2.4696
169.36	858.8197	2.4696
169.36	858.8197	2.4723
169.37	858.8197	2.4696
169.38	858.8197	2.4682
169.38	858.8197	2.4696
169.39	858.8197	2.4682
169.4	858.8197	2.4682

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
184.68	954.9813	2.6815
184.99	954.9813	2.6869
185.46	954.9813	2.6923
185.98	954.9813	2.7004
186.41	954.9813	2.7072
186.63	954.9813	2.7112
187.98	954.9813	2.7301
188.63	954.9813	2.741
189.98	958.7717	2.7585
190.24	958.7717	2.7626
190.42	958.7717	2.7666
190.5	958.7717	2.768
190.63	958.7717	2.7666
190.65	958.7717	2.7653
190.68	958.7717	2.7666
191.98	958.7717	2.7882
192.41	958.7717	2.795
192.46	958.7717	2.7963
192.52	958.7717	2.7963
192.59	958.7717	2.7963
192.66	958.7717	2.7963
192.69	958.7717	2.7963
192.7	958.7717	2.795
192.72	958.7717	2.7963
192.75	967.3	2.799
193.98	961.4249	2.8166
194.48	951.57	2.8233
194.64	961.2354	2.8274
195.43	951.3805	2.8382
195.98	951.949	2.8463
196.37	942.0941	2.853
196.68	951.949	2.8557
196.91	942.0941	2.8584
197.98	941.9046	2.8746
198.46	932.2392	2.8827
198.53	922.3842	2.8841
198.62	932.2392	2.8814
198.64	941.9046	2.8827
198.72	951.57	2.8854
198.95	941.7151	2.8895
199.98	942.2836	2.903
200.51	932.4287	2.9124
200.7	942.2836	2.9138
201.49	932.4287	2.9259
201.98	938.8723	2.9327
202.41	929.0174	2.9408
202.49	919.1624	2.9421
202.63	929.0174	2.9408
202.7	938.6828	2.9435
203.37	928.8278	2.9529
203.98	930.1545	2.9624
204.37	920.2995	2.9691
204.65	929.9649	2.9705
205.93	920.11	2.9907

UCS Test Results, Stage Three

S3N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
33.979	341.4051	0.6873
33.995	341.4051	0.6846
33.997	341.4051	0.6846
34.002	341.4051	0.6832
34.008	341.4051	0.6805
34.012	341.4051	0.6805
34.017	341.4051	0.6819
34.021	341.4051	0.6805
34.026	341.4051	0.6819
34.031	341.4051	0.6792
34.037	341.4051	0.6832
34.04	341.4051	0.6832
34.046	341.4051	0.6832
34.052	341.4051	0.6819
34.058	341.4051	0.6846
34.064	341.4051	0.6846
34.071	342.6077	0.6873
34.08	346.3571	0.6886
34.101	350.0357	0.694
34.136	350.0357	0.694
34.169	350.0357	0.694
34.274	350.0357	0.694
34.326	350.0357	0.694
34.746	353.7144	0.7021
34.885	353.7144	0.7048
35.021	353.7144	0.7048
35.187	357.393	0.7075
35.668	361.0716	0.7143
35.703	361.0716	0.721
35.713	361.0716	0.7224
35.722	361.0716	0.721
35.727	361.0716	0.7224
35.735	361.0716	0.7237
35.744	361.0716	0.7237
35.752	361.0716	0.7224
35.757	361.0716	0.7237
35.765	361.0716	0.7251
35.772	361.0716	0.7237
35.777	361.0716	0.7251
35.784	361.0716	0.7237
35.79	361.0716	0.7237
35.796	361.0716	0.7251
35.805	361.0716	0.7237
35.81	361.0716	0.7237
35.819	361.0716	0.7237
35.834	361.0716	0.7224
35.847	361.0716	0.721
35.869	361.0716	0.7197
35.956	361.0716	0.7143
35.964	361.0716	0.717
35.974	361.0716	0.7183
35.987	361.0716	0.7116
35.997	361.0716	0.7116
36.004	361.0716	0.7129

S3N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
169.4	858.8197	2.4696
169.41	858.8197	2.4669
169.41	858.8197	2.4682
169.42	858.8197	2.4669
169.42	858.8197	2.4682
169.43	858.8197	2.4669
169.43	858.8197	2.4696
169.44	858.8197	2.4682
169.44	858.8197	2.4723
169.45	858.8197	2.4723
169.46	858.8197	2.475
169.48	858.8197	2.4763
169.99	858.8197	2.4885
170.05	858.8197	2.4858
171.06	858.8197	2.506
171.07	858.8197	2.506
171.08	858.8197	2.506
171.09	858.8197	2.5074
171.1	858.8197	2.5074
171.11	858.8197	2.5074
171.13	858.8197	2.506
171.13	858.8197	2.5074
171.14	858.8197	2.5074
171.15	858.8197	2.5101
171.16	858.8197	2.5087
171.17	858.8197	2.506
171.18	858.8197	2.5074
171.19	858.8197	2.506
171.2	858.8197	2.5074
171.21	858.8197	2.506
171.22	858.8197	2.5087
171.24	858.8197	2.506
171.29	858.8197	2.502
171.33	858.8197	2.5033
171.35	858.8197	2.5006
171.36	858.8197	2.502
171.37	858.8197	2.5006
171.38	858.8197	2.502
171.39	858.8197	2.4979
171.39	858.8197	2.4979
171.4	858.8197	2.4993
171.41	858.8197	2.4952
171.41	858.8197	2.4993
171.42	858.8197	2.4979
171.42	858.8197	2.4979
171.43	858.8197	2.4966
171.44	858.8197	2.4966
171.44	858.8197	2.4993
171.45	858.8197	2.4966
171.45	858.8197	2.4993
171.46	858.8197	2.4993
171.46	858.8197	2.502
171.47	858.8197	2.5047
171.49	858.8197	2.5033

S3N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
205.98	918.7834	2.9907
206.92	908.9284	3.0056
207.98	910.8236	3.0191
208.16	900.9687	3.0231
208.68	910.6341	3.0285
209.86	900.7792	3.0475
209.98	902.1058	3.0475
210.43	892.2509	3.0542
211.01	901.9163	3.065
211.84	892.0613	3.0758
211.98	893.9565	3.0772
212.4	884.2911	3.0839
212.65	893.9565	3.0866
213.98	892.4404	3.1082
214.39	882.5854	3.1136
214.48	872.92	3.115
214.61	882.5854	3.1136
214.66	892.2509	3.115
215.12	882.5854	3.1231
215.98	881.8274	3.1352
216.42	871.9724	3.1433
216.66	881.6379	3.1433
217.73	871.7829	3.1609
217.98	870.4563	3.1636
219.47	860.6014	3.1865
219.98	864.3917	3.1933
220.37	854.7263	3.2
220.68	864.3917	3.2041
221.11	854.5368	3.2108
221.98	852.4521	3.2216
222.49	842.7867	3.2297
222.66	852.4521	3.2311
223.35	842.5971	3.2432
223.98	839.3753	3.2513
224.47	829.5204	3.2594
224.66	839.1858	3.2608
224.87	829.5204	3.2648
225.98	826.1091	3.281
226.34	816.4437	3.2878
227.98	814.359	3.3094
228.36	804.504	3.3161
228.66	814.1694	3.3188
229.58	804.3145	3.3337
229.98	804.8831	3.3391
231.98	802.2298	3.3675
232.38	792.3749	3.3742
232.68	802.0403	3.3783
233.55	792.3749	3.3904
233.98	799.9556	3.3958
234.39	790.2902	3.4039
234.64	799.9556	3.4053
235.98	798.4394	3.4255
236.37	788.774	3.4309
236.47	779.1086	3.4336

UCS Test Results, Stage Three

S3N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
36.008	361.0716	0.7089
36.015	361.0716	0.7129
36.019	361.0716	0.7102
36.024	361.0716	0.7156
36.027	361.0716	0.7116
36.034	361.0716	0.7102
36.038	361.0716	0.7089
36.043	361.0716	0.7116
36.047	361.0716	0.7102
36.054	361.0716	0.7129
36.058	361.0716	0.7129
36.065	361.0716	0.7129
36.071	361.0716	0.7129
36.078	361.0716	0.717
36.087	363.8306	0.7197
36.121	367.5092	0.721
36.819	371.1879	0.7318
37.174	374.8665	0.7359
37.575	378.6159	0.7399
37.631	378.6159	0.7453
37.7	378.6159	0.7507
37.709	378.6159	0.7494
37.716	378.6159	0.7494
37.723	378.6159	0.7507
37.732	378.6159	0.7521
37.742	378.6159	0.7507
37.751	378.6159	0.7521
37.757	378.6159	0.7521
37.763	378.6159	0.7534
37.77	378.6159	0.7521
37.774	378.6159	0.7534
37.783	378.6159	0.7534
37.79	378.6159	0.7521
37.795	378.6159	0.7534
37.803	378.6159	0.7534
37.812	378.6159	0.7507
37.823	378.6159	0.7521
37.834	378.6159	0.7494
37.854	378.6159	0.7494
37.941	378.6159	0.744
37.954	378.6159	0.7426
37.962	378.6159	0.7453
37.97	378.6159	0.7453
37.98	378.6159	0.7467
37.991	378.6159	0.7413
37.997	378.6159	0.7413
38.003	378.6159	0.7426
38.008	378.6159	0.744
38.014	378.6159	0.7399
38.021	378.6159	0.7399
38.024	378.6159	0.7372
38.03	378.6159	0.7399
38.034	378.6159	0.7399
38.04	378.6159	0.7399

S3N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
171.75	858.8197	2.5114
171.99	858.8197	2.5128
173.05	858.8197	2.5317
173.07	858.8197	2.5344
173.08	858.8197	2.5344
173.09	858.8197	2.5344
173.11	858.8197	2.5357
173.12	858.8197	2.5357
173.13	858.8197	2.5357
173.14	858.8197	2.5371
173.15	858.8197	2.5371
173.16	858.8197	2.5371
173.17	858.8197	2.5371
173.18	858.8197	2.5371
173.19	858.8197	2.5357
173.2	858.8197	2.5371
173.21	858.8197	2.5357
173.22	858.8197	2.5371
173.23	858.8197	2.5357
173.25	858.8197	2.5344
173.28	858.8197	2.5344
173.35	858.8197	2.5303
173.36	858.8197	2.5303
173.37	858.8197	2.529
173.38	858.8197	2.529
173.39	858.8197	2.5317
173.39	858.8197	2.5276
173.4	858.8197	2.5276
173.41	858.8197	2.529
173.42	858.8197	2.529
173.42	858.8197	2.5263
173.43	858.8197	2.5276
173.43	858.8197	2.5249
173.44	858.8197	2.5276
173.44	858.8197	2.5249
173.45	858.8197	2.5276
173.45	858.8197	2.5276
173.46	858.8197	2.5303
173.47	858.8197	2.529
173.48	858.8197	2.5317
173.49	858.8197	2.533
173.52	863.1877	2.5357
173.65	863.1877	2.5384
173.99	863.1877	2.5438
175.07	863.1877	2.5627
175.08	863.1877	2.5614
175.1	863.1877	2.5641
175.11	863.1877	2.5627
175.13	863.1877	2.5627
175.14	863.1877	2.5641
175.15	863.1877	2.5654
175.16	863.1877	2.5668
175.17	863.1877	2.5654
175.18	863.1877	2.5654

S3N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
236.6	788.774	3.4323
236.66	798.4394	3.435
237.01	788.5845	3.4404
237.98	789.1531	3.4552
238.68	798.8185	3.4647
238.85	789.1531	3.4674
239.98	794.0805	3.4836
240.1	784.4151	3.4863
241.98	779.6772	3.5119
243.98	774.1811	3.5416
245.22	764.5157	3.5592
245.98	756.556	3.5713
246.4	746.8905	3.5767
246.65	756.556	3.5808
246.93	746.8905	3.5848
247.98	738.3622	3.5997
249.98	736.8461	3.628
250.4	727.1807	3.6348
250.65	736.8461	3.6375
251.53	726.9911	3.651
251.98	726.2331	3.6578
253.98	724.7169	3.6861
255.98	724.5274	3.7145
256.51	714.862	3.7226
256.66	724.5274	3.7239
257.98	725.096	3.7442
258.38	715.241	3.7509
258.63	724.9064	3.7523
259.98	724.1484	3.7725
260.38	714.483	3.7806
260.61	724.1484	3.7833
261.98	725.854	3.8036
263.98	732.1081	3.8319
265.19	741.584	3.8481
265.55	731.9186	3.8549
265.68	741.584	3.8562
265.98	738.3622	3.8603
266.25	728.6968	3.8643
266.39	719.0314	3.867
266.73	728.5073	3.8711
267.98	731.7291	3.8886
268.92	741.205	3.9021
269.98	743.6687	3.9183
270.4	734.0033	3.9251
270.54	743.4792	3.9251
270.76	753.1446	3.9291
271.98	752.9551	3.948
272.68	762.6205	3.9575
272.99	752.9551	3.9616
273.94	762.431	3.9764
273.98	759.2092	3.9751
274.34	749.5438	3.9832
274.38	739.8784	3.9845
274.44	730.213	3.9845

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
38.044	378.6159	0.7413
38.051	378.6159	0.7426
38.056	378.6159	0.7426
38.064	378.6159	0.7453
38.073	378.8281	0.7467
38.085	382.5067	0.7494
38.588	386.1853	0.7575
39.08	389.9347	0.7615
39.478	393.6134	0.7696
39.67	393.6134	0.775
39.69	393.6134	0.7804
39.699	393.6134	0.7804
39.707	393.6134	0.7804
39.714	393.6134	0.7804
39.72	393.6134	0.7804
39.727	393.6134	0.7804
39.733	393.6134	0.7818
39.74	393.6134	0.7831
39.746	393.6134	0.7831
39.75	393.6134	0.7831
39.757	393.6134	0.7831
39.761	393.6134	0.7845
39.766	393.6134	0.7831
39.77	393.6134	0.7831
39.776	393.6134	0.7831
39.782	393.6134	0.7818
39.79	393.6134	0.7818
39.801	393.6134	0.7791
39.812	393.6134	0.7764
39.948	393.6134	0.7723
39.956	393.6134	0.7723
39.961	393.6134	0.7737
39.97	393.6134	0.775
39.98	393.6134	0.7737
39.992	393.6134	0.7696
39.997	393.6134	0.7723
40.001	393.6134	0.7683
40.007	393.6134	0.771
40.011	393.6134	0.7683
40.017	393.6134	0.771
40.021	393.6134	0.7696
40.025	393.6134	0.7683
40.031	393.6134	0.7696
40.036	393.6134	0.7723
40.042	393.6134	0.7696
40.05	393.6134	0.771
40.054	393.6134	0.7737
40.062	393.6134	0.7737
40.073	393.6134	0.7737
40.084	395.5234	0.7791
40.125	399.202	0.7804
40.832	402.9514	0.7872
40.93	402.9514	0.7926
40.994	402.9514	0.7912

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
175.19	863.1877	2.5668
175.2	863.1877	2.5668
175.21	863.1877	2.5668
175.22	863.1877	2.5668
175.23	863.1877	2.5654
175.25	863.1877	2.5654
175.26	863.1877	2.5668
175.28	863.1877	2.5654
175.36	863.1877	2.56
175.37	863.1877	2.5614
175.38	863.1877	2.5587
175.4	863.1877	2.5587
175.4	863.1877	2.5587
175.41	863.1877	2.5573
175.42	863.1877	2.5573
175.43	863.1877	2.5573
175.43	863.1877	2.5573
175.44	863.1877	2.5573
175.45	863.1877	2.556
175.45	863.1877	2.5546
175.46	863.1877	2.5573
175.46	863.1877	2.5546
175.47	863.1877	2.5573
175.47	863.1877	2.5573
175.48	863.1877	2.5573
175.49	863.1877	2.56
175.49	863.1877	2.5614
175.5	865.5111	2.5614
175.9	865.5111	2.5735
175.99	865.5111	2.5708
176.37	865.5111	2.5776
176.71	865.5111	2.5843
176.92	865.5111	2.5857
176.99	865.5111	2.587
177.06	865.5111	2.5911
177.08	865.5111	2.5911
177.11	865.5111	2.5911
177.13	865.5111	2.5911
177.15	865.5111	2.5924
177.17	865.5111	2.5938
177.18	865.5111	2.5924
177.2	865.5111	2.5938
177.22	865.5111	2.5924
177.23	865.5111	2.5938
177.25	865.5111	2.5951
177.26	865.5111	2.5911
177.28	865.5111	2.5924
177.39	865.5111	2.587
177.4	865.5111	2.5884
177.41	865.5111	2.5884
177.43	865.5111	2.5897
177.44	865.5111	2.5884
177.44	865.5111	2.5884
177.45	865.5111	2.587

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
274.5	720.5475	3.9845
274.66	730.213	3.9832
274.68	739.8784	3.9832
274.7	749.5438	3.9818
274.72	759.2092	3.9818
274.73	768.6851	3.9845
275.98	764.1367	4.0061
277.89	774.1811	4.0331
277.98	770.2013	4.0345
278.34	760.5358	4.0412
279.98	765.6528	4.0628
280.87	775.1287	4.075
281.98	774.3707	4.0912
283.98	777.2134	4.1195
284.47	767.548	4.129
284.62	777.2134	4.1303
285.98	779.6772	4.1519
287.98	778.7296	4.1803
288.12	788.395	4.1816
288.45	778.7296	4.187
288.64	788.2055	4.1884
289.98	791.2378	4.2086
291.98	791.6168	4.237
293.98	792.7539	4.2654
295.98	796.9233	4.2964
296.42	787.4474	4.3005
296.51	796.9233	4.3018
297.98	794.0805	4.3248
298.42	784.6046	4.3315
298.65	794.0805	4.3315
299.98	796.5443	4.3531
301.98	794.27	4.3815
303.98	792.7539	4.4112
305.91	783.0885	4.4409
305.97	779.1086	4.4395
306.05	769.6327	4.4395
306.08	759.9673	4.4409
306.09	750.4914	4.4422
306.12	740.826	4.4436
306.17	731.1605	4.4436
306.39	721.6846	4.4463
306.68	731.1605	4.4503
307.18	740.6364	4.4571
307.68	750.3019	4.4652
307.97	750.8704	4.4679
308.6	760.3463	4.4773
309.2	769.8222	4.4854
309.97	770.3908	4.4976
310.77	779.8667	4.5084
311.97	779.1086	4.5286
313.69	789.1531	4.5516
313.97	787.0684	4.5557
315.02	797.3023	4.5705
315.97	798.4394	4.584

UCS Test Results, Stage Three

S3N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
41.252	406.5593	0.798
41.329	406.5593	0.7966
41.383	406.5593	0.798
41.695	406.5593	0.8074
41.705	406.5593	0.8061
41.713	406.5593	0.8061
41.724	406.5593	0.8088
41.733	406.5593	0.8074
41.74	406.5593	0.8088
41.748	406.5593	0.8088
41.757	406.5593	0.8088
41.765	406.5593	0.8088
41.771	406.5593	0.8088
41.779	406.5593	0.8115
41.788	406.5593	0.8115
41.796	406.5593	0.8088
41.802	406.5593	0.8101
41.81	406.5593	0.8115
41.819	406.5593	0.8101
41.828	406.5593	0.8101
41.838	406.5593	0.8101
41.85	406.5593	0.8074
41.882	406.5593	0.8074
41.948	406.5593	0.8007
41.958	406.5593	0.8034
41.966	406.5593	0.8047
41.977	406.5593	0.8047
41.989	406.5593	0.8007
41.997	406.5593	0.798
42.002	406.5593	0.7993
42.008	406.5593	0.8007
42.011	406.5593	0.8007
42.017	406.5593	0.7993
42.021	406.5593	0.798
42.028	406.5593	0.798
42.031	406.5593	0.7966
42.037	406.5593	0.798
42.04	406.5593	0.798
42.047	406.5593	0.798
42.051	406.5593	0.798
42.057	406.5593	0.8007
42.061	406.5593	0.8007
42.068	406.5593	0.8007
42.076	408.5401	0.8034
42.082	412.2187	0.8061
42.224	415.9681	0.8101
42.271	415.9681	0.8115
42.461	415.9681	0.8115
43.127	419.576	0.8223
43.678	423.2546	0.8358
43.697	423.2546	0.8371
43.706	423.2546	0.8371
43.714	423.2546	0.8385
43.723	423.2546	0.8385

S3N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
177.46	865.5111	2.5857
177.47	865.5111	2.5884
177.47	865.5111	2.5884
177.48	865.5111	2.5843
177.49	865.5111	2.5857
177.5	865.5111	2.5884
177.51	865.5111	2.5924
177.52	869.0427	2.5938
177.99	869.972	2.6032
178.06	869.972	2.6032
178.54	869.972	2.6086
179.05	869.972	2.6194
179.06	869.972	2.6208
179.08	869.972	2.6208
179.09	869.972	2.6221
179.1	869.972	2.6235
179.12	869.972	2.6235
179.12	869.972	2.6248
179.13	869.972	2.6235
179.14	869.972	2.6235
179.15	869.972	2.6235
179.16	869.972	2.6235
179.17	869.972	2.6262
179.17	869.972	2.6248
179.18	869.972	2.6235
179.19	869.972	2.6235
179.2	869.972	2.6221
179.21	869.972	2.6235
179.22	869.972	2.6221
179.23	869.972	2.6221
179.25	869.972	2.6235
179.34	869.972	2.6154
179.35	869.972	2.614
179.36	869.972	2.6154
179.37	869.972	2.6154
179.38	869.972	2.614
179.39	869.972	2.6127
179.39	869.972	2.6154
179.4	869.972	2.6113
179.4	869.972	2.6127
179.41	869.972	2.6127
179.41	869.972	2.6127
179.42	869.972	2.6127
179.42	869.972	2.6127
179.43	869.972	2.614
179.43	869.972	2.6127
179.44	869.972	2.6127
179.44	869.972	2.614
179.45	869.972	2.6154
179.46	869.972	2.6167
179.46	869.972	2.6208
179.48	874.6188	2.6208
179.9	874.6188	2.6275
179.99	874.6188	2.6316

S3N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
317.97	802.6088	4.6124
319.97	806.7782	4.6434
321.14	816.8227	4.6583
321.97	814.1694	4.6718
323.56	824.2139	4.6961
323.97	819.0969	4.7001
325.97	818.9074	4.7298
327.23	828.9518	4.7487
327.97	829.3309	4.7582
328.1	819.855	4.7622
328.29	829.3309	4.7622
329.89	839.3753	4.7852
329.97	837.4802	4.7879
331.17	847.5246	4.8054
331.27	837.8592	4.8068
331.56	847.3351	4.8108
331.97	838.9963	4.8176
332.15	848.6617	4.8189
332.39	838.9963	4.8243
332.62	848.4722	4.8257
333.97	843.3552	4.8446
335.34	853.2101	4.8649
335.97	849.9883	4.8743
337.68	840.3229	4.9
337.9	830.6575	4.9027
337.97	833.8793	4.9054
339.97	832.3632	4.9337
341.24	822.6977	4.9513
341.97	826.2986	4.9607
343.62	836.343	4.985
343.97	838.2382	4.9904
345.97	842.4076	5.0201
346.33	832.7422	5.0255
346.54	842.2181	5.0255
347.79	832.5527	5.0458
347.97	838.9963	5.0498
349.43	848.8512	5.0687
349.97	850.1779	5.0782
351.97	851.694	5.1038
353.26	861.7385	5.1254
353.97	860.9804	5.1349
354.64	860.7909	5.147

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
43.728	423.2546	0.8371
43.735	423.2546	0.8398
43.743	423.2546	0.8398
43.748	423.2546	0.8385
43.755	423.2546	0.8398
43.763	423.2546	0.8398
43.767	423.2546	0.8398
43.769	423.2546	0.8385
43.771	423.2546	0.8398
43.772	423.2546	0.8398
43.774	423.2546	0.8398
43.776	423.2546	0.8398
43.786	423.2546	0.8398
43.794	423.2546	0.8385
43.804	423.2546	0.8385
43.816	423.2546	0.8371
43.834	423.2546	0.8358
43.924	423.2546	0.8317
43.936	423.2546	0.8263
43.945	423.2546	0.825
43.95	423.2546	0.8263
43.954	423.2546	0.8263
43.957	423.2546	0.825
43.963	423.2546	0.825
43.966	423.2546	0.8236
43.971	423.2546	0.825
43.974	423.2546	0.8236
43.978	423.2546	0.8236
43.983	423.2546	0.8277
43.988	423.2546	0.8236
43.994	423.2546	0.825
43.996	423.2546	0.825
44.003	423.2546	0.8263
44.006	423.2546	0.8263
44.013	423.2546	0.829
44.018	423.2546	0.8277
44.026	423.2546	0.8331
44.036	423.2546	0.8358
44.143	423.2546	0.8425
44.163	423.2546	0.8398
44.272	423.2546	0.8385
44.334	423.2546	0.8398
44.671	425.7306	0.8439
45.165	429.4092	0.852
45.626	433.0171	0.8601
45.996	433.7953	0.8641
46.128	437.4739	0.8668
46.812	441.1526	0.879
47.632	444.7604	0.8898
47.739	444.7604	0.8911
47.797	444.8312	0.8884
47.996	445.7508	0.8952
48.37	449.4295	0.8992
49.118	453.1081	0.9087

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.05	874.6188	2.6505
181.06	874.6188	2.6505
181.07	874.6188	2.6505
181.09	874.6188	2.6505
181.1	874.6188	2.6491
181.11	874.6188	2.6505
181.12	874.6188	2.6505
181.12	874.6188	2.6518
181.12	874.6188	2.6518
181.13	874.6188	2.6532
181.14	874.6188	2.6518
181.15	874.6188	2.6518
181.15	874.6188	2.6532
181.16	874.6188	2.6532
181.17	874.6188	2.6532
181.18	874.6188	2.6518
181.19	874.6188	2.6532
181.2	874.6188	2.6518
181.21	874.6188	2.6518
181.23	874.6188	2.6505
181.31	874.6188	2.6464
181.33	874.6188	2.6424
181.34	874.6188	2.6437
181.34	874.6188	2.6424
181.35	874.6188	2.641
181.36	874.6188	2.6424
181.36	874.6188	2.6397
181.36	874.6188	2.641
181.37	874.6188	2.641
181.37	874.6188	2.6424
181.38	874.6188	2.641
181.38	874.6188	2.641
181.39	874.6188	2.6424
181.39	874.6188	2.641
181.4	874.6188	2.641
181.4	874.6188	2.641
181.41	874.6188	2.6424
181.42	874.6188	2.6424
181.42	874.6188	2.6437
181.43	874.6188	2.6464
181.43	874.9905	2.6478
181.45	879.7303	2.6505
181.77	879.7303	2.6545
181.99	879.7303	2.6572
182.66	879.7303	2.668
182.77	879.7303	2.6721
183.05	879.7303	2.6775
183.07	879.7303	2.6788
183.08	879.7303	2.6802
183.09	879.7303	2.6775
183.11	879.7303	2.6788
183.12	879.7303	2.6829
183.13	879.7303	2.6815
183.14	879.7303	2.6829

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
49.489	456.7867	0.9155
49.562	456.7867	0.9182
49.714	456.7867	0.9182
49.996	458.4846	0.9236
50.301	458.4846	0.929
50.46	458.4846	0.929
50.521	462.1632	0.929
51.157	465.8418	0.9384
51.709	469.5205	0.9479
51.996	471.7135	0.9506
52.043	471.7135	0.9533
52.233	471.7135	0.9546
52.467	475.3921	0.9587
52.523	475.3921	0.96
52.652	475.3921	0.9641
53.288	479	0.9708
53.912	482.6786	0.9789
53.996	482.6786	0.9803
54.23	484.6594	0.9843
54.284	484.6594	0.9843
54.374	484.6594	0.9857
54.874	488.3381	0.9924
55.274	491.9459	0.9992
55.462	491.9459	1.0046
55.591	491.9459	1.0019
55.682	491.9459	1.0059
55.934	491.9459	1.0127
55.995	491.9459	1.0113
56.083	491.9459	1.01
56.411	491.9459	1.0154
56.933	492.5826	1.0275
56.969	492.5826	1.0235
57.087	492.5826	1.0235
57.65	496.2613	1.0329
57.995	496.2613	1.0383
58.194	498.6665	1.0437
58.715	502.3451	1.0491
59.249	506.0238	1.0572
59.448	506.0238	1.0599
59.526	506.0238	1.0599
59.995	506.6605	1.068
60.169	510.4098	1.0721
60.715	514.0177	1.0775
60.943	514.0177	1.0829
61.05	514.0177	1.0829
61.178	514.0177	1.0842
61.265	514.0177	1.0856
61.737	517.6964	1.0923
61.995	519.8894	1.0977
62.66	523.4973	1.1058
63.161	527.1759	1.1126
63.248	527.1759	1.1166
63.397	527.1759	1.1166
63.837	530.8545	1.1261

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.15	879.7303	2.6815
183.16	879.7303	2.6802
183.16	879.7303	2.6802
183.17	879.7303	2.6829
183.18	879.7303	2.6842
183.19	879.7303	2.6815
183.2	879.7303	2.6802
183.21	879.7303	2.6802
183.22	879.7303	2.6802
183.23	879.7303	2.6815
183.25	879.7303	2.6788
183.26	879.7303	2.6788
183.32	879.7303	2.6748
183.34	879.7303	2.6734
183.35	879.7303	2.6748
183.36	879.7303	2.6761
183.36	879.7303	2.6721
183.37	879.7303	2.6734
183.38	879.7303	2.6721
183.39	879.7303	2.6734
183.39	879.7303	2.6721
183.4	879.7303	2.6734
183.4	879.7303	2.6721
183.41	879.7303	2.6707
183.41	879.7303	2.6707
183.42	879.7303	2.6721
183.42	879.7303	2.6707
183.43	879.7303	2.6707
183.44	879.7303	2.6734
183.44	879.7303	2.6734
183.45	879.7303	2.6761
183.46	879.7303	2.6775
183.47	879.7303	2.6788
183.5	883.9124	2.6802
183.89	883.9124	2.6869
183.99	883.9124	2.6883
185.04	883.9124	2.7058
185.06	883.9124	2.7072
185.08	883.9124	2.7072
185.1	883.9124	2.7072
185.12	883.9124	2.7085
185.13	883.9124	2.7085
185.15	883.9124	2.7099
185.16	883.9124	2.7085
185.17	883.9124	2.7099
185.18	883.9124	2.7085
185.19	883.9124	2.7099
185.2	883.9124	2.7085
185.21	883.9124	2.7112
185.23	883.9124	2.7099
185.24	883.9124	2.7099
185.25	883.9124	2.7112
185.26	883.9124	2.7099
185.27	883.9124	2.7099

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.995	530.8545	1.1261
64.576	533.755	1.1328
65.138	537.4336	1.1409
65.847	541.0415	1.1517
65.995	541.7489	1.1544
66.353	541.7489	1.1612
66.372	541.7489	1.1625
66.444	541.7489	1.1652
66.456	541.7489	1.1639
66.468	541.7489	1.1666
66.481	541.7489	1.1666
66.486	541.7489	1.1666
66.496	541.7489	1.1666
66.505	541.7489	1.1652
66.523	541.7489	1.1666
66.534	541.7489	1.1679
66.542	541.7489	1.1679
66.548	541.7489	1.1679
66.557	541.7489	1.1706
66.566	541.7489	1.1693
66.574	541.7489	1.1679
66.58	541.7489	1.1679
66.59	541.7489	1.1666
66.603	541.7489	1.1666
66.617	541.7489	1.1666
66.629	541.7489	1.1666
66.711	541.7489	1.1652
66.733	541.7489	1.1571
66.743	541.7489	1.1598
66.747	541.7489	1.1571
66.754	541.7489	1.1612
66.758	541.7489	1.1598
66.766	541.7489	1.1612
66.774	541.7489	1.1625
66.784	541.7489	1.1598
66.789	541.7489	1.1585
66.796	541.7489	1.1612
66.8	541.7489	1.1625
66.807	541.7489	1.1612
66.815	541.7489	1.1612
66.821	541.7489	1.1585
66.827	541.7489	1.1598
66.833	541.7489	1.1612
66.837	541.7489	1.1625
66.846	541.7489	1.1639
66.856	541.7489	1.1639
66.869	541.7489	1.1652
66.929	545.1446	1.1679
67.033	548.8232	1.1679
67.117	552.5726	1.1693
67.314	552.5726	1.1747
67.468	552.5726	1.1828
67.477	552.5726	1.1787
67.488	552.5726	1.1801

S3N3-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
185.37	883.9124	2.7058
185.39	883.9124	2.7045
185.4	883.9124	2.7031
185.41	883.9124	2.7045
185.42	883.9124	2.7031
185.43	883.9124	2.7018
185.44	883.9124	2.7031
185.44	883.9124	2.7031
185.45	883.9124	2.7031
185.46	883.9124	2.7018
185.46	883.9124	2.7018
185.47	883.9124	2.7018
185.47	883.9124	2.7031
185.48	883.9124	2.7018
185.49	883.9124	2.7031
185.5	883.9124	2.7058
185.5	883.9124	2.7045
185.51	883.9124	2.7072
185.52	886.8863	2.7072
185.98	886.8863	2.7166
186.79	886.8863	2.7301
187.05	886.8863	2.7342
187.07	886.8863	2.7356
187.11	886.8863	2.7369
187.13	886.8863	2.7369
187.15	886.8863	2.7383
187.18	886.8863	2.7383
187.19	886.8863	2.7383
187.21	886.8863	2.7383
187.23	886.8863	2.7383
187.25	886.8863	2.7383
187.27	886.8863	2.7396
187.33	886.8863	2.7356
187.37	886.8863	2.7342
187.39	886.8863	2.7342
187.4	886.8863	2.7342
187.41	886.8863	2.7342
187.42	886.8863	2.7328
187.43	886.8863	2.7315
187.44	886.8863	2.7315
187.44	886.8863	2.7315
187.45	886.8863	2.7315
187.46	886.8863	2.7328
187.47	886.8863	2.7315
187.48	886.8863	2.7328
187.49	886.8863	2.7356
187.5	888.5592	2.7369
187.98	888.5592	2.7464
189.04	888.5592	2.7639
189.07	888.5592	2.7653
189.09	888.5592	2.7639
189.12	888.5592	2.7653
189.13	888.5592	2.7666
189.15	888.5592	2.7653

S3N4-1		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		7 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
67.501	552.5726	1.1828
67.509	552.5726	1.1814
67.52	552.5726	1.1814
67.53	552.5726	1.1814
67.541	552.5726	1.1828
67.551	552.5726	1.1841
67.56	552.5726	1.1841
67.568	552.5726	1.1828
67.574	552.5726	1.1841
67.581	552.5726	1.1841
67.589	552.5726	1.1841
67.594	552.5726	1.1828
67.601	552.5726	1.1855
67.61	552.5726	1.1828
67.619	552.5726	1.1828
67.624	552.5726	1.1828
67.634	552.5726	1.1828
67.65	552.5726	1.1801
67.749	552.5726	1.176
67.758	552.5726	1.176
67.763	552.5726	1.1733
67.77	552.5726	1.1747
67.777	552.5726	1.1747
67.781	552.5726	1.1733
67.789	552.5726	1.172
67.793	552.5726	1.172
67.799	552.5726	1.1706
67.803	552.5726	1.1733
67.809	552.5726	1.172
67.812	552.5726	1.1733
67.817	552.5726	1.1733
67.821	552.5726	1.1733
67.826	552.5726	1.1733
67.83	552.5726	1.172
67.834	552.5726	1.172
67.84	552.5726	1.1733
67.844	552.5726	1.1747
67.851	552.5726	1.1774
67.859	552.5726	1.1774
67.87	552.5726	1.1801
67.885	556.1805	1.1814
67.994	556.1805	1.1841
68.482	556.1805	1.1963
68.492	556.1805	1.1949
68.502	556.1805	1.1963
68.512	556.1805	1.1976
68.522	556.1805	1.1963
68.529	556.1805	1.1963
68.535	556.1805	1.1976
68.543	556.1805	1.1963
68.552	556.1805	1.1976
68.561	556.1805	1.1976
68.566	556.1805	1.2003
68.574	556.1805	1.199

S3N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
189.16	888.5592	2.768
189.18	888.5592	2.768
189.19	888.5592	2.7666
189.21	888.5592	2.768
189.23	888.5592	2.7666
189.24	888.5592	2.768
189.25	888.5592	2.7693
189.27	888.5592	2.768
189.31	888.5592	2.7693
189.39	888.5592	2.7612
189.4	888.5592	2.7612
189.41	888.5592	2.7626
189.42	888.5592	2.7599
189.43	888.5592	2.7612
189.44	888.5592	2.7612
189.45	888.5592	2.7612
189.46	888.5592	2.7626
189.46	888.5592	2.7599
189.47	888.5592	2.7626
189.48	888.5592	2.7612
189.49	888.5592	2.7626
189.5	888.5592	2.7612
189.5	888.5592	2.7639
189.51	888.5592	2.7653
189.52	889.8603	2.768
189.56	894.6	2.768
193.49	852.4071	2.8166
193.5	857.2398	2.8193
193.5	861.9795	2.8166
193.51	866.7193	2.8193
193.52	871.5519	2.8206
193.52	876.2916	2.822
193.53	881.0314	2.8233
193.55	885.7711	2.826
193.82	880.9384	2.8314
193.98	877.4998	2.8341
194.68	872.5742	2.8436
194.79	877.3139	2.8463
195.06	872.4813	2.8517
195.12	867.7416	2.8517
195.16	863.0018	2.8517
195.19	858.1692	2.853
287.09	753.0588	4.1843
287.13	748.412	4.1843
287.3	753.1517	4.1816
287.33	757.7985	4.1857
287.98	755.8469	4.1951
289.09	751.0142	4.2113
289.3	755.661	4.2127
289.6	750.9213	4.2194
289.84	755.568	4.2221
289.98	752.4082	4.2248
291	747.6685	4.2397
291.29	752.3153	4.2424

S3N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
68.581	556.1805	1.199
68.585	556.1805	1.2003
68.592	556.1805	1.2003
68.597	556.1805	1.2003
68.604	556.1805	1.199
68.609	556.1805	1.1976
68.615	556.1805	1.199
68.624	556.1805	1.1976
68.634	556.1805	1.1963
68.655	556.1805	1.1949
68.739	556.1805	1.1936
68.753	556.1805	1.1922
68.771	556.1805	1.1909
68.777	556.1805	1.1895
68.784	556.1805	1.1895
68.792	556.1805	1.1882
68.796	556.1805	1.1882
68.802	556.1805	1.1882
68.806	556.1805	1.1868
68.813	556.1805	1.1868
68.816	556.1805	1.1855
68.821	556.1805	1.1855
68.824	556.1805	1.1855
68.828	556.1805	1.1855
68.832	556.1805	1.1855
68.835	556.1805	1.1855
68.839	556.1805	1.1895
68.844	556.1805	1.1895
68.85	556.1805	1.1895
68.856	556.1805	1.1895
68.865	556.1805	1.1922
68.874	556.1805	1.1922
68.886	558.3028	1.1936
69.497	558.3028	1.2098
69.514	558.3028	1.2084
69.527	558.3028	1.2098
69.543	558.3028	1.2071
69.565	558.3028	1.2111
69.576	558.3028	1.2098
69.587	558.3028	1.2111
69.597	558.3028	1.2125
69.607	558.3028	1.2111
69.616	558.3028	1.2111
69.625	558.3028	1.2111
69.631	558.3028	1.2138
69.64	558.3028	1.2125
69.649	558.3028	1.2138
69.66	558.3028	1.2138
69.668	558.3028	1.2125
69.677	558.3028	1.2125
69.683	558.3028	1.2138
69.692	558.3028	1.2125
69.702	558.3028	1.2125
69.72	558.3028	1.2098

S3N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
291.9	747.5756	4.2518
291.98	749.0625	4.2532
292.7	744.3228	4.264
292.93	748.9696	4.2667
293	744.2299	4.2681
293.98	743.8581	4.2816
295.98	744.2299	4.3113
297.13	739.3972	4.3275
297.23	744.1369	4.3288
297.98	744.6946	4.3396
299.06	739.8619	4.3558
299.24	744.5087	4.3585
299.98	743.7652	4.3693
301.98	743.8581	4.3977
302.9	744.1369	4.4112

S3N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.797	558.3028	1.2057
69.808	558.3028	1.2044
69.817	558.3028	1.2057
69.826	558.3028	1.2071
69.832	558.3028	1.2044
69.839	558.3028	1.203
69.847	558.3028	1.2044
69.851	558.3028	1.203
69.858	558.3028	1.203
69.862	558.3028	1.2044
69.869	558.3028	1.203
69.874	558.3028	1.203
69.879	558.3028	1.203
69.884	558.3028	1.2057
69.89	558.3028	1.203
69.895	558.3028	1.2044
69.9	558.3028	1.203
69.905	558.3028	1.203
69.91	558.3028	1.203
69.918	558.3028	1.2057
69.923	558.7272	1.2071
69.933	562.4058	1.2111
69.994	565.377	1.2152
70.17	565.377	1.2152
70.751	565.377	1.2247
71.526	565.377	1.2382
71.543	565.377	1.2368
71.555	565.377	1.2382
71.567	565.377	1.2395
71.584	565.377	1.2395
71.594	565.377	1.2395
71.605	565.377	1.2422
71.615	565.377	1.2409
71.623	565.377	1.2409
71.629	565.377	1.2409
71.638	565.377	1.2436
71.647	565.377	1.2422
71.656	565.377	1.2422
71.665	565.377	1.2422
71.669	565.377	1.2422
71.677	565.377	1.2422
71.686	565.377	1.2422
71.696	565.377	1.2422
71.702	565.377	1.2409
71.709	565.377	1.2422
71.721	565.377	1.2395
71.807	565.377	1.2341
71.816	565.377	1.2341
71.825	565.377	1.2328
71.833	565.377	1.2355
71.837	565.377	1.2328
71.845	565.377	1.2341
71.851	565.377	1.2314
71.856	565.377	1.2341

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
71.861	565.377	1.2341
71.866	565.377	1.2314
71.872	565.377	1.2314
71.877	565.377	1.2301
71.881	565.377	1.2314
71.886	565.377	1.2314
71.889	565.377	1.2314
71.895	565.377	1.2328
71.898	565.377	1.2301
71.903	565.377	1.2341
71.908	565.377	1.2341
71.916	565.377	1.2355
71.926	565.7308	1.2355
71.936	569.4094	1.2382
71.948	573.088	1.2409
71.994	573.5832	1.2422
72.526	573.5832	1.2544
72.535	573.5832	1.253
72.542	573.5832	1.253
72.551	573.5832	1.2544
72.564	573.5832	1.2544
72.57	573.5832	1.2544
72.58	573.5832	1.2557
72.589	573.5832	1.2557
72.599	573.5832	1.2557
72.607	573.5832	1.2571
72.615	573.5832	1.2571
72.622	573.5832	1.2584
72.629	573.5832	1.2571
72.635	573.5832	1.2571
72.641	573.5832	1.2584
72.648	573.5832	1.2571
72.652	573.5832	1.2598
72.66	573.5832	1.2571
72.666	573.5832	1.2557
72.672	573.5832	1.2557
72.682	573.5832	1.2557
72.7	573.5832	1.2544
72.723	573.5832	1.253
72.78	573.5832	1.2503
72.788	573.5832	1.2517
72.81	573.5832	1.2463
72.819	573.5832	1.2476
72.825	573.5832	1.2476
72.83	573.5832	1.2476
72.836	573.5832	1.2463
72.841	573.5832	1.2463
72.847	573.5832	1.2476
72.851	573.5832	1.2436
72.857	573.5832	1.2463
72.86	573.5832	1.2449
72.865	573.5832	1.2436
72.87	573.5832	1.2449
72.872	573.5832	1.2436

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
72.877	573.5832	1.2463
72.881	573.5832	1.2449
72.884	573.5832	1.2436
72.889	573.5832	1.2463
72.893	573.5832	1.2476
72.899	573.5832	1.249
72.903	573.5832	1.2503
72.912	573.7247	1.2517
72.923	577.4033	1.2544
73.732	581.082	1.2665
73.994	581.082	1.2692
74.12	581.7894	1.2719
74.547	581.7894	1.2827
74.565	581.7894	1.2814
74.577	581.7894	1.2827
74.589	581.7894	1.2841
74.606	581.7894	1.2841
74.617	581.7894	1.2827
74.628	581.7894	1.2854
74.638	581.7894	1.2827
74.65	581.7894	1.2854
74.662	581.7894	1.2841
74.67	581.7894	1.2854
74.686	581.7894	1.2841
74.694	581.7894	1.2854
74.701	581.7894	1.2868
74.711	581.7894	1.2868
74.72	581.7894	1.2868
74.73	581.7894	1.2868
74.74	581.7894	1.2868
74.749	581.7894	1.2854
74.759	581.7894	1.2841
74.77	581.7894	1.2841
74.835	581.7894	1.2787
74.846	581.7894	1.2787
74.855	581.7894	1.2773
74.879	581.7894	1.2787
74.889	581.7894	1.2787
74.897	581.7894	1.276
74.902	581.7894	1.2787
74.908	581.7894	1.2773
74.913	581.7894	1.276
74.919	581.7894	1.2773
74.925	581.7894	1.276
74.929	581.7894	1.2773
74.933	581.7894	1.276
74.939	581.7894	1.2746
74.943	581.7894	1.2746
74.948	581.7894	1.2773
74.951	581.7894	1.276
74.955	581.7894	1.276
74.96	581.7894	1.2773
74.964	581.7894	1.2773
74.972	582.2139	1.28

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
74.981	585.8925	1.2814
75.002	589.5711	1.2854
75.559	589.5711	1.2949
75.581	589.5711	1.2949
75.602	589.5711	1.2976
75.619	589.5711	1.2962
75.641	589.5711	1.2976
75.653	589.5711	1.2976
75.672	589.5711	1.2976
75.683	589.5711	1.2989
75.699	589.5711	1.2989
75.713	589.5711	1.2976
75.723	589.5711	1.3003
75.736	589.5711	1.3003
75.754	589.5711	1.3003
75.765	589.5711	1.3003
75.777	589.5711	1.3003
75.796	589.5711	1.2976
75.827	589.5711	1.3003
75.883	589.5711	1.2949
75.894	589.5711	1.2922
75.904	589.5711	1.2935
75.913	589.5711	1.2935
75.922	589.5711	1.2935
75.929	589.5711	1.2935
75.934	589.5711	1.2935
75.942	589.5711	1.2949
75.948	589.5711	1.2935
75.955	589.5711	1.2922
75.963	589.5711	1.2935
75.967	589.5711	1.2935
75.974	589.5711	1.2935
75.982	589.5711	1.2935
75.986	589.5711	1.2908
75.994	589.5711	1.2935
76.005	589.5711	1.2935
76.014	592.1886	1.2976
76.026	595.8672	1.2989
76.816	599.5459	1.3111
76.882	599.5459	1.3124
77.009	599.5459	1.3151
77.449	603.1537	1.3205
77.535	603.1537	1.3259
77.546	603.1537	1.3259
77.558	603.1537	1.3246
77.575	603.1537	1.3273
77.584	603.1537	1.3246
77.595	603.1537	1.3259
77.607	603.1537	1.3286
77.616	603.1537	1.3259
77.624	603.1537	1.3273
77.635	603.1537	1.3273
77.64	603.1537	1.33
77.649	603.1537	1.3286

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
77.658	603.1537	1.33
77.663	603.1537	1.33
77.67	603.1537	1.33
77.678	603.1537	1.33
77.683	603.1537	1.33
77.691	603.1537	1.33
77.698	603.1537	1.3286
77.703	603.1537	1.3286
77.712	603.1537	1.3286
77.723	603.1537	1.3273
77.743	603.1537	1.3273
77.805	603.1537	1.3246
77.815	603.1537	1.3246
77.83	603.1537	1.3192
77.84	603.1537	1.3192
77.848	603.1537	1.3192
77.853	603.1537	1.3205
77.859	603.1537	1.3178
77.863	603.1537	1.3192
77.868	603.1537	1.3178
77.872	603.1537	1.3178
77.877	603.1537	1.3192
77.881	603.1537	1.3205
77.887	603.1537	1.3192
77.89	603.1537	1.3165
77.895	603.1537	1.3205
77.899	603.1537	1.3205
77.902	603.1537	1.3178
77.908	603.1537	1.3192
77.912	603.1537	1.3178
77.917	603.1537	1.3219
77.921	603.1537	1.3205
77.93	603.1537	1.3205
77.94	603.366	1.3273
77.953	607.0446	1.3259
77.994	607.5398	1.3286
78.824	611.1477	1.3421
79.537	611.1477	1.3543
79.554	611.1477	1.3529
79.575	611.1477	1.3556
79.588	611.1477	1.3556
79.605	611.1477	1.3543
79.618	611.1477	1.3556
79.635	611.1477	1.357
79.644	611.1477	1.3583
79.653	611.1477	1.357
79.662	611.1477	1.357
79.671	611.1477	1.3583
79.679	611.1477	1.3583
79.688	611.1477	1.357
79.698	611.1477	1.3597
79.707	611.1477	1.3597
79.716	611.1477	1.3583
79.725	611.1477	1.357

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
79.731	611.1477	1.3583
79.74	611.1477	1.3583
79.751	611.1477	1.357
79.762	611.1477	1.357
79.781	611.1477	1.3529
79.806	611.1477	1.3556
79.84	611.1477	1.3502
79.847	611.1477	1.3502
79.855	611.1477	1.3529
79.863	611.1477	1.3502
79.868	611.1477	1.3489
79.876	611.1477	1.3516
79.88	611.1477	1.3489
79.887	611.1477	1.3489
79.892	611.1477	1.3502
79.897	611.1477	1.3489
79.903	611.1477	1.3489
79.907	611.1477	1.3489
79.913	611.1477	1.3502
79.917	611.1477	1.3475
79.923	611.1477	1.3516
79.928	611.1477	1.3489
79.932	611.1477	1.3475
79.938	611.1477	1.3489
79.943	611.1477	1.3502
79.948	611.1477	1.3502
79.957	611.5721	1.3543
79.968	615.2508	1.3556
79.982	618.9294	1.3556
79.993	619.4246	1.357
81.027	623.0325	1.3718
81.551	623.0325	1.3826
81.562	623.0325	1.384
81.574	623.0325	1.3867
81.583	623.0325	1.3853
81.594	623.0325	1.3867
81.604	623.0325	1.3867
81.613	623.0325	1.3853
81.624	623.0325	1.388
81.634	623.0325	1.388
81.643	623.0325	1.3867
81.652	623.0325	1.388
81.657	623.0325	1.388
81.664	623.0325	1.3894
81.672	623.0325	1.388
81.676	623.0325	1.3894
81.684	623.0325	1.388
81.69	623.0325	1.3867
81.695	623.0325	1.388
81.704	623.0325	1.388
81.713	623.0325	1.3853
81.725	623.0325	1.3853
81.739	623.0325	1.3853
81.803	623.0325	1.3826

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
81.823	623.0325	1.3813
81.835	623.0325	1.3772
81.842	623.0325	1.3772
81.847	623.0325	1.3772
81.852	623.0325	1.3786
81.857	623.0325	1.3772
81.863	623.0325	1.3759
81.868	623.0325	1.3759
81.873	623.0325	1.3759
81.877	623.0325	1.3759
81.883	623.0325	1.3759
81.886	623.0325	1.3745
81.892	623.0325	1.3759
81.895	623.0325	1.3759
81.9	623.0325	1.3772
81.904	623.0325	1.3772
81.908	623.0325	1.3745
81.913	623.0325	1.3786
81.917	623.0325	1.3786
81.923	623.0325	1.3799
81.932	624.1644	1.3826
81.943	627.843	1.3826
81.958	631.5216	1.3867
81.993	631.5216	1.3894
82.633	633.4317	1.3961
82.972	637.1103	1.4015
83.015	637.1103	1.4042
83.422	637.1103	1.4056
83.541	637.1103	1.4137
83.557	637.1103	1.411
83.569	637.1103	1.411
83.582	637.1103	1.415
83.597	637.1103	1.4137
83.609	637.1103	1.415
83.619	637.1103	1.415
83.629	637.1103	1.4137
83.635	637.1103	1.4164
83.643	637.1103	1.4164
83.653	637.1103	1.4164
83.662	637.1103	1.4177
83.671	637.1103	1.4164
83.68	637.1103	1.415
83.688	637.1103	1.4164
83.695	637.1103	1.4177
83.703	637.1103	1.4164
83.711	637.1103	1.4164
83.72	637.1103	1.415
83.725	637.1103	1.4164
83.74	637.1103	1.415
83.756	637.1103	1.4137
83.832	637.1103	1.4083
83.841	637.1103	1.4083
83.849	637.1103	1.4083
83.854	637.1103	1.4069

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
83.861	637.1103	1.4069
83.867	637.1103	1.4083
83.872	637.1103	1.4069
83.88	637.1103	1.4069
83.884	637.1103	1.4056
83.89	637.1103	1.4069
83.894	637.1103	1.4042
83.901	637.1103	1.4069
83.904	637.1103	1.4042
83.91	637.1103	1.4069
83.914	637.1103	1.4042
83.92	637.1103	1.4056
83.923	637.1103	1.4069
83.927	637.1103	1.4096
83.932	637.1103	1.4083
83.935	637.1103	1.4069
83.944	637.1103	1.4083
83.954	637.747	1.4123
83.965	641.4256	1.4123
83.993	643.6894	1.415
84.795	647.2973	1.4272
84.861	647.2973	1.4299
85.234	647.2973	1.4326
85.545	647.2973	1.4393
85.566	647.2973	1.442
85.577	647.2973	1.442
85.587	647.2973	1.442
85.599	647.2973	1.4434
85.617	647.2973	1.442
85.628	647.2973	1.4447
85.637	647.2973	1.4434
85.648	647.2973	1.4447
85.655	647.2973	1.4434
85.66	647.2973	1.4447
85.672	647.2973	1.4447
85.681	647.2973	1.4447
85.691	647.2973	1.4461
85.7	647.2973	1.4461
85.71	647.2973	1.4461
85.719	647.2973	1.4461
85.73	647.2973	1.4447
85.74	647.2973	1.4434
85.752	647.2973	1.4434
85.772	647.2973	1.4447
85.841	647.2973	1.4366
85.85	647.2973	1.4366
85.859	647.2973	1.4393
85.868	647.2973	1.438
85.876	647.2973	1.4353
85.881	647.2973	1.4353
85.887	647.2973	1.4366
85.891	647.2973	1.4353
85.898	647.2973	1.4353
85.901	647.2973	1.4353

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
85.908	647.2973	1.4366
85.912	647.2973	1.4339
85.918	647.2973	1.4366
85.922	647.2973	1.4339
85.927	647.2973	1.4353
85.931	647.2973	1.4353
85.935	647.2973	1.4366
85.94	647.2973	1.4366
85.943	647.2973	1.4366
85.949	647.2973	1.4393
85.961	647.4388	1.4434
85.972	651.1174	1.4407
85.993	654.0179	1.4447
86.752	657.6965	1.4542
86.818	657.6965	1.4582
86.916	657.6965	1.4569
87.325	661.3044	1.465
87.38	661.3044	1.4663
87.428	661.3044	1.465
87.533	661.3044	1.4717
87.545	661.3044	1.4717
87.555	661.3044	1.4704
87.566	661.3044	1.4704
87.583	661.3044	1.4717
87.593	661.3044	1.4717
87.599	661.3044	1.4731
87.608	661.3044	1.4731
87.618	661.3044	1.4744
87.627	661.3044	1.4744
87.635	661.3044	1.4744
87.644	661.3044	1.4731
87.649	661.3044	1.4758
87.656	661.3044	1.4758
87.664	661.3044	1.4758
87.668	661.3044	1.4771
87.675	661.3044	1.4744
87.68	661.3044	1.4758
87.688	661.3044	1.4744
87.696	661.3044	1.4731
87.703	661.3044	1.4731
87.716	661.3044	1.4717
87.729	661.3044	1.4704
87.803	661.3044	1.4717
87.825	661.3044	1.4677
87.836	661.3044	1.465
87.844	661.3044	1.4663
87.848	661.3044	1.4636
87.856	661.3044	1.465
87.861	661.3044	1.4636
87.867	661.3044	1.4636
87.871	661.3044	1.465
87.876	661.3044	1.4636
87.88	661.3044	1.4663
87.886	661.3044	1.4636

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
87.89	661.3044	1.4636
87.896	661.3044	1.4636
87.899	661.3044	1.4636
87.905	661.3044	1.4636
87.908	661.3044	1.4623
87.913	661.3044	1.465
87.917	661.3044	1.4636
87.92	661.3044	1.4636
87.925	661.3044	1.4663
87.928	661.3044	1.4663
87.939	661.3044	1.4717
87.95	664.9123	1.4731
87.993	667.8127	1.4758
88.758	671.4914	1.4839
89.414	675.0992	1.4933
89.541	675.0992	1.4987
89.555	675.0992	1.4987
89.571	675.0992	1.5014
89.581	675.0992	1.5001
89.591	675.0992	1.4987
89.604	675.0992	1.5001
89.617	675.0992	1.5014
89.631	675.0992	1.5014
89.635	675.0992	1.5028
89.645	675.0992	1.5028
89.654	675.0992	1.5028
89.663	675.0992	1.5028
89.673	675.0992	1.5028
89.678	675.0992	1.5028
89.686	675.0992	1.5028
89.695	675.0992	1.5041
89.704	675.0992	1.5041
89.713	675.0992	1.5041
89.721	675.0992	1.5028
89.728	675.0992	1.5041
89.737	675.0992	1.5028
89.753	675.0992	1.5014
89.774	675.0992	1.4987
89.803	675.0992	1.5001
89.835	675.0992	1.496
89.845	675.0992	1.4947
89.854	675.0992	1.4933
89.862	675.0992	1.496
89.866	675.0992	1.4947
89.874	675.0992	1.4933
89.882	675.0992	1.4947
89.885	675.0992	1.4933
89.892	675.0992	1.4947
89.896	675.0992	1.492
89.901	675.0992	1.4947
89.905	675.0992	1.4933
89.908	675.0992	1.4933
89.914	675.0992	1.4933
89.918	675.0992	1.492

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
89.923	675.0992	1.4933
89.926	675.0992	1.492
89.93	675.0992	1.4933
89.934	675.0992	1.4933
89.938	675.0992	1.4947
89.944	675.0992	1.4947
89.952	675.3115	1.4987
89.957	678.9901	1.5001
89.977	682.6687	1.5001
89.993	682.6687	1.5028
91.186	685.9936	1.5204
91.537	685.9936	1.5271
91.543	685.9936	1.5285
91.544	685.9936	1.5285
91.546	685.9936	1.5285
91.547	685.9936	1.5298
91.549	685.9936	1.5298
91.557	685.9936	1.5298
91.561	685.9936	1.5312
91.571	685.9936	1.5298
91.58	685.9936	1.5312
91.588	685.9936	1.5312
91.596	685.9936	1.5298
91.602	685.9936	1.5325
91.612	685.9936	1.5325
91.62	685.9936	1.5325
91.627	685.9936	1.5312
91.632	685.9936	1.5339
91.64	685.9936	1.5325
91.645	685.9936	1.5325
91.652	685.9936	1.5325
91.661	685.9936	1.5312
91.671	685.9936	1.5312
91.682	685.9936	1.5298
91.702	685.9936	1.5298
91.797	685.9936	1.5285
91.819	685.9936	1.5244
91.827	685.9936	1.5231
91.832	685.9936	1.5217
91.839	685.9936	1.5231
91.843	685.9936	1.5204
91.85	685.9936	1.5231
91.854	685.9936	1.5204
91.859	685.9936	1.5217
91.863	685.9936	1.5204
91.868	685.9936	1.5217
91.871	685.9936	1.519
91.875	685.9936	1.519
91.88	685.9936	1.5231
91.882	685.9936	1.5217
91.887	685.9936	1.5231
91.891	685.9936	1.5204
91.894	685.9936	1.5217
91.899	685.9936	1.5217

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
91.902	685.9936	1.5231
91.906	685.9936	1.5244
91.911	685.9936	1.5244
91.914	685.9936	1.5231
91.923	686.4181	1.5244
91.932	690.0967	1.5285
91.944	693.7754	1.5298
91.992	693.7754	1.5312
92.713	697.1003	1.5406
93.317	700.7789	1.5501
93.536	700.7789	1.5568
93.569	700.7789	1.5568
93.626	700.7789	1.5555
93.668	700.7789	1.5568
93.713	700.7789	1.5568
93.807	700.7789	1.5541
93.816	700.7789	1.5541
93.825	700.7789	1.5528
93.836	700.7789	1.5528
93.847	700.9911	1.5541
93.858	704.599	1.5568
93.992	707.075	1.5595
94.111	707.075	1.5609
94.156	707.075	1.5636
94.505	710.6829	1.5676
95.059	714.2908	1.5757
95.532	714.2908	1.5865
95.543	714.2908	1.5865
95.554	714.2908	1.5865
95.564	714.2908	1.5879
95.574	714.2908	1.5879
95.583	714.2908	1.5892
95.589	714.2908	1.5879
95.596	714.2908	1.5906
95.605	714.2908	1.5892
95.614	714.2908	1.5892
95.622	714.2908	1.5879
95.627	714.2908	1.5906
95.636	714.2908	1.5906
95.644	714.2908	1.5906
95.648	714.2908	1.5919
95.656	714.2908	1.5892
95.663	714.2908	1.5892
95.668	714.2908	1.5906
95.676	714.2908	1.5919
95.684	714.2908	1.5879
95.689	714.2908	1.5892
95.7	714.2908	1.5892
95.708	714.2908	1.5892
95.721	714.2908	1.5879
95.813	714.2908	1.5811
95.823	714.2908	1.5811
95.828	714.2908	1.5811
95.834	714.2908	1.5811

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
95.839	714.2908	1.5825
95.845	714.2908	1.5798
95.852	714.2908	1.5811
95.856	714.2908	1.5798
95.862	714.2908	1.5798
95.866	714.2908	1.5798
95.87	714.2908	1.5798
95.875	714.2908	1.5784
95.878	714.2908	1.5798
95.883	714.2908	1.5798
95.886	714.2908	1.5798
95.89	714.2908	1.5784
95.895	714.2908	1.5811
95.897	714.2908	1.5784
95.901	714.2908	1.5798
95.906	714.2908	1.5798
95.909	714.2908	1.5811
95.913	714.2908	1.5838
95.917	714.2908	1.5825
95.927	714.7153	1.5838
95.936	718.3939	1.5852
95.949	722.0725	1.5892
95.992	722.0725	1.5879
96.226	725.2559	1.5919
96.343	725.2559	1.5946
96.381	725.2559	1.596
96.447	725.2559	1.596
96.532	725.2559	1.596
96.891	728.8638	1.6041
96.947	728.8638	1.6027
97.036	728.8638	1.6054
97.476	732.4717	1.6122
97.509	732.4717	1.6135
97.53	732.4717	1.6162
97.541	732.4717	1.6162
97.55	732.4717	1.6149
97.56	732.4717	1.6162
97.57	732.4717	1.6135
97.582	732.4717	1.6176
97.593	732.4717	1.6176
97.605	732.4717	1.6189
97.614	732.4717	1.6189
97.624	732.4717	1.6189
97.635	732.4717	1.6176
97.644	732.4717	1.6189
97.654	732.4717	1.6189
97.663	732.4717	1.6176
97.671	732.4717	1.6176
97.677	732.4717	1.6203
97.686	732.4717	1.6189
97.695	732.4717	1.6189
97.704	732.4717	1.6189
97.713	732.4717	1.6176
97.723	732.4717	1.6176

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.736	732.4717	1.6176
97.747	732.4717	1.6176
97.766	732.4717	1.6122
97.814	732.4717	1.6108
97.824	732.4717	1.6108
97.832	732.4717	1.6108
97.84	732.4717	1.6122
97.845	732.4717	1.6108
97.853	732.4717	1.6095
97.857	732.4717	1.6108
97.863	732.4717	1.6081
97.867	732.4717	1.6122
97.873	732.4717	1.6108
97.877	732.4717	1.6081
97.883	732.4717	1.6095
97.887	732.4717	1.6095
97.893	732.4717	1.6095
97.896	732.4717	1.6081
97.901	732.4717	1.6108
97.905	732.4717	1.6095
97.909	732.4717	1.6095
97.914	732.4717	1.6095
97.917	732.4717	1.6095
97.922	732.4717	1.6122
97.925	732.4717	1.6095
97.931	732.4717	1.6122
97.937	732.4717	1.6122
97.947	732.9669	1.6149
97.957	736.6455	1.6149
97.992	738.3434	1.6176
98.147	738.3434	1.6203
98.201	738.3434	1.6216
98.371	738.3434	1.6243
98.582	738.3434	1.627
99.216	741.8805	1.6365
99.527	741.8805	1.6446
99.538	741.8805	1.6446
99.549	741.8805	1.6446
99.561	741.8805	1.6459
99.579	741.8805	1.6459
99.59	741.8805	1.6473
99.6	741.8805	1.6459
99.609	741.8805	1.6473
99.62	741.8805	1.6473
99.627	741.8805	1.6459
99.634	741.8805	1.6473
99.644	741.8805	1.6473
99.655	741.8805	1.6473
99.661	741.8805	1.6486
99.671	741.8805	1.6473
99.679	741.8805	1.6473
99.684	741.8805	1.65
99.692	741.8805	1.6473
99.7	741.8805	1.6486

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
99.709	741.8805	1.6473
99.72	741.8805	1.6473
99.725	741.8805	1.6473
99.738	741.8805	1.6446
99.757	741.8805	1.6459
99.818	741.8805	1.6419
99.828	741.8805	1.6419
99.837	741.8805	1.6419
99.849	741.8805	1.6392
99.854	741.8805	1.6405
99.861	741.8805	1.6392
99.867	741.8805	1.6392
99.872	741.8805	1.6405
99.878	741.8805	1.6392
99.881	741.8805	1.6392
99.887	741.8805	1.6392
99.892	741.8805	1.6378
99.896	741.8805	1.6378
99.901	741.8805	1.6378
99.904	741.8805	1.6378
99.909	741.8805	1.6392
99.912	741.8805	1.6365
99.916	741.8805	1.6378
99.921	741.8805	1.6378
99.923	741.8805	1.6365
99.928	741.8805	1.6392
99.932	741.8805	1.6405
99.935	741.8805	1.6405
99.944	742.305	1.6419
99.953	745.9836	1.6459
99.975	749.6622	1.6459
99.992	749.6622	1.6486
100.1	752.7749	1.65
100.31	752.7749	1.6527
100.5	752.7749	1.6554
101.03	756.3828	1.6621
101.53	756.3828	1.6729
101.55	756.3828	1.6743
101.56	756.3828	1.6716
101.58	756.3828	1.6743
101.59	756.3828	1.6716
101.61	756.3828	1.6743
101.63	756.3828	1.6743
101.64	756.3828	1.6756
101.65	756.3828	1.6756
101.67	756.3828	1.6743
101.68	756.3828	1.6743
101.69	756.3828	1.6756
101.7	756.3828	1.677
101.71	756.3828	1.677
101.72	756.3828	1.677
101.73	756.3828	1.677
101.74	756.3828	1.677
101.75	756.3828	1.677

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
101.76	756.3828	1.6743
101.8	756.3828	1.6756
101.86	756.3828	1.6716
101.88	756.3828	1.6716
101.89	756.3828	1.6716
101.9	756.3828	1.6702
101.91	756.3828	1.6702
101.92	756.3828	1.6716
101.92	756.3828	1.6689
101.93	756.3828	1.6729
101.94	756.3828	1.6716
101.94	756.3828	1.6702
101.95	756.3828	1.6689
101.95	756.3828	1.6675
101.96	756.3828	1.6689
101.96	756.3828	1.6689
101.97	756.3828	1.6702
101.97	756.3828	1.6675
101.98	756.3828	1.6702
101.98	756.3828	1.6716
101.99	756.3828	1.6716
101.99	756.3828	1.6716
102	756.8073	1.6716
102.01	760.4859	1.6743
102.03	764.1645	1.6743
102.05	767.7724	1.6783
102.11	767.7724	1.6783
102.18	767.7724	1.677
102.8	771.3803	1.6878
103.44	774.9882	1.6959
103.51	774.9882	1.7013
103.53	774.9882	1.7013
103.55	774.9882	1.7026
103.56	774.9882	1.7026
103.57	774.9882	1.7026
103.58	774.9882	1.704
103.59	774.9882	1.704
103.6	774.9882	1.7026
103.61	774.9882	1.704
103.62	774.9882	1.704
103.63	774.9882	1.704
103.64	774.9882	1.704
103.65	774.9882	1.7067
103.66	774.9882	1.7053
103.67	774.9882	1.7053
103.68	774.9882	1.7053
103.69	774.9882	1.7067
103.69	774.9882	1.7053
103.7	774.9882	1.7053
103.71	774.9882	1.7053
103.72	774.9882	1.7067
103.73	774.9882	1.7053
103.75	774.9882	1.704
103.76	774.9882	1.7026

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103.83	774.9882	1.6999
103.84	774.9882	1.6986
103.85	774.9882	1.6999
103.86	774.9882	1.6986
103.86	774.9882	1.6986
103.87	774.9882	1.6986
103.88	774.9882	1.6972
103.88	774.9882	1.6972
103.89	774.9882	1.6959
103.89	774.9882	1.6999
103.9	774.9882	1.6959
103.9	774.9882	1.6986
103.91	774.9882	1.6972
103.91	774.9882	1.6986
103.92	774.9882	1.6972
103.92	774.9882	1.6986
103.93	774.9882	1.6972
103.93	774.9882	1.6972
103.94	774.9882	1.6959
103.94	774.9882	1.6986
103.95	774.9882	1.6972
103.95	774.9882	1.6972
103.96	774.9882	1.7013
103.97	775.4834	1.7026
103.98	779.0913	1.704
103.99	780.5769	1.7053
104.04	784.2555	1.7067
104.15	784.2555	1.708
104.17	784.2555	1.708
104.25	784.2555	1.7094
104.56	784.2555	1.7148
105.28	787.7926	1.7242
105.54	787.7926	1.731
105.55	787.7926	1.731
105.56	787.7926	1.7323
105.57	787.7926	1.7323
105.58	787.7926	1.7323
105.59	787.7926	1.7323
105.61	787.7926	1.7323
105.62	787.7926	1.7323
105.63	787.7926	1.7337
105.64	787.7926	1.7323
105.65	787.7926	1.7337
105.66	787.7926	1.7337
105.67	787.7926	1.7337
105.68	787.7926	1.7337
105.69	787.7926	1.7337
105.7	787.7926	1.7337
105.71	787.7926	1.735
105.72	787.7926	1.735
105.73	787.7926	1.735
105.74	787.7926	1.7337
105.75	787.7926	1.735
105.76	787.7926	1.7337

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
105.77	787.7926	1.731
105.81	787.7926	1.7283
105.84	787.7926	1.7296
105.86	787.7926	1.7283
105.87	787.7926	1.7296
105.88	787.7926	1.7283
105.88	787.7926	1.7283
105.89	787.7926	1.7283
105.9	787.7926	1.7283
105.91	787.7926	1.7296
105.91	787.7926	1.7283
105.92	787.7926	1.7283
105.93	787.7926	1.7269
105.93	787.7926	1.7283
105.94	787.7926	1.7283
105.94	787.7926	1.7283
105.95	787.7926	1.7256
105.96	787.7926	1.7269
105.96	787.7926	1.7256
105.96	787.7926	1.7283
105.97	787.7926	1.7283
105.97	787.7926	1.7269
105.98	787.7926	1.7283
105.98	787.7926	1.7269
105.99	787.7926	1.7296
105.99	787.7926	1.731
106	787.7926	1.7296
106.01	791.4005	1.731
106.02	795.0792	1.735
106.53	798.687	1.7418
106.57	798.687	1.7458
106.88	798.687	1.7458
107.1	798.687	1.7526
107.2	798.687	1.7526
107.4	802.2242	1.7539
107.49	802.2242	1.7566
107.52	802.2242	1.7607
107.54	802.2242	1.7593
107.55	802.2242	1.7593
107.57	802.2242	1.7607
107.58	802.2242	1.7607
107.59	802.2242	1.762
107.6	802.2242	1.7607
107.6	802.2242	1.7607
107.6	802.2242	1.7607
107.6	802.2242	1.762
107.61	802.2242	1.7607
107.62	802.2242	1.762
107.63	802.2242	1.7634
107.64	802.2242	1.7634
107.64	802.2242	1.7634
107.65	802.2242	1.7634
107.66	802.2242	1.7634
107.66	802.2242	1.7634

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
107.67	802.2242	1.7634
107.68	802.2242	1.7634
107.69	802.2242	1.762
107.7	802.2242	1.762
107.71	802.2242	1.762
107.72	802.2242	1.762
107.74	802.2242	1.7607
107.81	802.2242	1.7566
107.82	802.2242	1.7566
107.83	802.2242	1.7566
107.84	802.2242	1.7553
107.84	802.2242	1.7553
107.85	802.2242	1.7553
107.85	802.2242	1.7566
107.86	802.2242	1.7566
107.87	802.2242	1.7553
107.87	802.2242	1.7553
107.88	802.2242	1.7539
107.88	802.2242	1.7539
107.89	802.2242	1.7553
107.89	802.2242	1.7539
107.89	802.2242	1.7539
107.9	802.2242	1.7539
107.9	802.2242	1.7539
107.91	802.2242	1.7539
107.91	802.2242	1.7539
107.91	802.2242	1.7539
107.92	802.2242	1.7539
107.92	802.2242	1.7553
107.92	802.2242	1.7566
107.93	802.2242	1.7566
107.94	802.2242	1.758
107.94	802.2242	1.758
107.95	804.9124	1.7607
107.97	808.5203	1.7647
107.99	808.5203	1.7647
108.79	811.4208	1.7755
108.9	811.4208	1.7782
109	811.4208	1.7782
109.53	811.4208	1.789
109.54	811.4208	1.789
109.55	811.4208	1.789
109.57	811.4208	1.789
109.58	811.4208	1.7904
109.59	811.4208	1.7904
109.6	811.4208	1.7917
109.61	811.4208	1.7904
109.62	811.4208	1.7904
109.63	811.4208	1.7917
109.64	811.4208	1.7904
109.64	811.4208	1.7904
109.65	811.4208	1.7917
109.66	811.4208	1.7931
109.67	811.4208	1.7931

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
109.68	811.4208	1.7917
109.69	811.4208	1.7931
109.7	811.4208	1.7917
109.71	811.4208	1.7917
109.72	811.4208	1.7917
109.73	811.4208	1.7917
109.74	811.4208	1.7917
109.75	811.4208	1.7904
109.78	811.4208	1.7917
109.84	811.4208	1.7863
109.85	811.4208	1.7863
109.85	811.4208	1.7877
109.86	811.4208	1.785
109.87	811.4208	1.785
109.87	811.4208	1.7863
109.88	811.4208	1.7863
109.89	811.4208	1.7863
109.89	811.4208	1.7863
109.9	811.4208	1.7836
109.91	811.4208	1.785
109.91	811.4208	1.7836
109.92	811.4208	1.7863
109.92	811.4208	1.7836
109.93	811.4208	1.7863
109.93	811.4208	1.785
109.93	811.4208	1.7823
109.94	811.4208	1.7836
109.94	811.4208	1.7836
109.95	811.4208	1.785
109.95	811.4208	1.7836
109.95	811.4208	1.7836
109.96	811.4208	1.785
109.97	812.2697	1.7877
109.97	815.9483	1.7877
109.98	819.6269	1.7904
109.99	821.0418	1.7917
110.79	824.6497	1.8025
111.46	828.2576	1.8133
111.52	828.2576	1.8174
111.53	828.2576	1.8174
111.55	828.2576	1.8174
111.56	828.2576	1.8174
111.58	828.2576	1.8187
111.59	828.2576	1.8201
111.6	828.2576	1.8201
111.61	828.2576	1.8187
111.62	828.2576	1.8187
111.63	828.2576	1.8187
111.64	828.2576	1.8187
111.65	828.2576	1.8215
111.66	828.2576	1.8215
111.67	828.2576	1.8215
111.68	828.2576	1.8215
111.69	828.2576	1.8215

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.7	828.2576	1.8215
111.7	828.2576	1.8215
111.71	828.2576	1.8215
111.72	828.2576	1.8215
111.73	828.2576	1.8215
111.74	828.2576	1.8215
111.75	828.2576	1.8201
111.79	828.2576	1.8201
111.83	828.2576	1.816
111.85	828.2576	1.8147
111.85	828.2576	1.8174
111.86	828.2576	1.816
111.87	828.2576	1.816
111.88	828.2576	1.8133
111.89	828.2576	1.8147
111.9	828.2576	1.8147
111.9	828.2576	1.8174
111.91	828.2576	1.8133
111.92	828.2576	1.8147
111.92	828.2576	1.8133
111.93	828.2576	1.8147
111.93	828.2576	1.8133
111.94	828.2576	1.8133
111.94	828.2576	1.8133
111.95	828.2576	1.8147
111.95	828.2576	1.8133
111.96	828.2576	1.8147
111.96	828.2576	1.8133
111.96	828.2576	1.8147
111.97	828.2576	1.8174
111.98	828.2576	1.8147
111.99	828.3991	1.8187
111.99	831.3703	1.8201
112.01	835.0489	1.8215
112.26	838.6568	1.8269
112.32	838.6568	1.8255
112.48	838.6568	1.8282
112.52	838.6568	1.8309
112.74	838.6568	1.8336
113.24	838.6568	1.8404
113.39	838.6568	1.8431
113.54	838.6568	1.8444
113.7	838.6568	1.8458
113.82	838.6568	1.8458
113.99	838.6568	1.8498
114.57	840.1424	1.8566
115.02	843.7503	1.8647
115.4	847.3581	1.8714
115.44	847.3581	1.8728
115.52	847.3581	1.8741
115.54	847.3581	1.8741
115.58	847.3581	1.8755
115.6	847.3581	1.8755
115.63	847.3581	1.8755

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
115.66	847.3581	1.8768
115.7	847.3581	1.8768
115.81	847.3581	1.8728
115.82	847.3581	1.8741
115.83	847.3581	1.8741
115.83	847.3581	1.8714
115.84	847.3581	1.8728
115.85	847.3581	1.8728
115.86	847.3581	1.8728
115.87	847.5704	1.8755
115.89	851.249	1.8755
115.99	853.6543	1.8795
116.9	857.1914	1.8917
116.94	857.1914	1.893
117.06	857.1914	1.8944
117.51	857.1914	1.9038
117.53	857.1914	1.9052
117.54	857.1914	1.9038
117.56	857.1914	1.9038
117.57	857.1914	1.9052
117.59	857.1914	1.9065
117.6	857.1914	1.9065
117.61	857.1914	1.9079
117.62	857.1914	1.9065
117.64	857.1914	1.9065
117.65	857.1914	1.9065
117.66	857.1914	1.9065
117.67	857.1914	1.9079
117.68	857.1914	1.9065
117.69	857.1914	1.9079
117.7	857.1914	1.9079
117.71	857.1914	1.9079
117.72	857.1914	1.9065
117.73	857.1914	1.9079
117.74	857.1914	1.9079
117.75	857.1914	1.9079
117.77	857.1914	1.9092
117.79	857.1914	1.9052
117.83	857.1914	1.9025
117.84	857.1914	1.9025
117.85	857.1914	1.9025
117.86	857.1914	1.9025
117.87	857.1914	1.9025
117.88	857.1914	1.9011
117.89	857.1914	1.9038
117.89	857.1914	1.9025
117.9	857.1914	1.9025
117.91	857.1914	1.9011
117.91	857.1914	1.9011
117.92	857.1914	1.9025
117.92	857.1914	1.9011
117.93	857.1914	1.9025
117.93	857.1914	1.9011
117.94	857.1914	1.9025

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.94	857.1914	1.9011
117.95	857.1914	1.8998
117.95	857.1914	1.9025
117.95	857.1914	1.9025
117.96	857.1914	1.9011
117.97	857.1914	1.9038
117.97	857.1914	1.9025
117.98	860.7285	1.9052
117.99	862.7093	1.9052
118.01	866.3172	1.9106
118.33	866.3172	1.9119
118.36	866.3172	1.9146
118.43	866.3172	1.916
118.68	866.3172	1.9173
119.49	869.7836	1.9322
119.52	869.7836	1.9322
119.54	869.7836	1.9335
119.56	869.7836	1.9308
119.6	869.7836	1.9335
119.62	869.7836	1.9335
119.65	869.7836	1.9349
119.67	869.7836	1.9335
119.7	869.7836	1.9349
119.72	869.7836	1.9349
119.82	869.7836	1.9322
119.83	869.7836	1.9308
119.84	869.7836	1.9308
119.85	869.7836	1.9308
119.85	869.7836	1.9322
119.86	869.7836	1.9308
119.87	869.7836	1.9335
119.88	869.7836	1.9322
119.9	869.7836	1.9362
119.92	873.4623	1.9349
119.99	875.6553	1.9389
120.5	875.6553	1.9457
120.58	875.6553	1.9457
120.75	879.1924	1.9484
121.16	879.1924	1.9551
121.25	879.1924	1.9551
121.51	879.1924	1.9632
121.52	879.1924	1.9619
121.53	879.1924	1.9632
121.55	879.1924	1.9632
121.57	879.1924	1.9632
121.58	879.1924	1.9632
121.6	879.1924	1.9632
121.61	879.1924	1.9646
121.62	879.1924	1.9646
121.63	879.1924	1.9646
121.64	879.1924	1.9646
121.66	879.1924	1.9659
121.67	879.1924	1.9659
121.68	879.1924	1.9646

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
121.69	879.1924	1.9646
121.7	879.1924	1.9659
121.71	879.1924	1.9659
121.72	879.1924	1.9646
121.74	879.1924	1.9659
121.75	879.1924	1.9659
121.78	879.1924	1.9659
121.8	879.1924	1.9632
121.83	879.1924	1.9605
121.85	879.1924	1.9605
121.86	879.1924	1.9619
121.87	879.1924	1.9619
121.88	879.1924	1.9619
121.89	879.1924	1.9605
121.9	879.1924	1.9605
121.9	879.1924	1.9605
121.91	879.1924	1.9605
121.92	879.1924	1.9592
121.92	879.1924	1.9592
121.93	879.1924	1.9619
121.93	879.1924	1.9578
121.94	879.1924	1.9605
121.95	879.1924	1.9578
121.95	879.1924	1.9592
121.95	879.1924	1.9592
121.96	879.1924	1.9592
121.96	879.1924	1.9592
121.97	879.1924	1.9592
121.98	879.1924	1.9605
121.98	879.1924	1.9632
121.99	882.0222	1.9632
122	885.7008	1.9646
122.02	889.3087	1.9659
122.31	889.3087	1.974
122.52	889.3087	1.974
122.75	889.3087	1.9808
123.5	889.3087	1.9902
123.53	889.3087	1.9916
123.56	889.3087	1.9929
123.58	889.3087	1.9916
123.6	889.3087	1.9916
123.61	889.3087	1.9929
123.63	889.3087	1.9929
123.65	889.3087	1.9929
123.67	889.3087	1.9929
123.69	889.3087	1.9929
123.72	889.3087	1.9929
123.74	889.3087	1.9943
123.76	889.3087	1.9943
123.78	889.3087	1.9929
123.82	889.3087	1.9902
123.83	889.3087	1.9902
123.84	889.3087	1.9902
123.86	889.3087	1.9902

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.87	889.3087	1.9916
123.88	889.3087	1.9902
123.89	889.3087	1.9902
123.89	889.3087	1.9889
123.9	889.3087	1.9902
123.91	889.3087	1.9875
123.92	889.3087	1.9889
123.93	889.3087	1.9889
123.93	889.3087	1.9916
123.94	889.3087	1.9916
123.95	889.3087	1.9929
123.99	890.2991	1.997
125.17	894.0484	2.0132
125.51	894.0484	2.0186
125.54	894.0484	2.0199
125.56	894.0484	2.0199
125.59	894.0484	2.0199
125.61	894.0484	2.0213
125.63	894.0484	2.0213
125.64	894.0484	2.0226
125.65	894.0484	2.0226
125.67	894.0484	2.0213
125.68	894.0484	2.0226
125.7	894.0484	2.0226
125.71	894.0484	2.024
125.73	894.0484	2.024
125.74	894.0484	2.0226
125.75	894.0484	2.0226
125.78	894.0484	2.024
125.89	894.0484	2.0213
125.91	894.0484	2.0213
125.92	894.0484	2.0199
125.93	894.0484	2.0186
125.94	894.0484	2.0199
125.95	894.0484	2.0213
125.95	894.0484	2.0172
125.96	894.0484	2.0199
125.97	894.0484	2.0199
125.98	894.0484	2.0199
125.98	894.0484	2.0172
125.99	894.0484	2.0186
125.99	894.0484	2.0186
126.01	894.0484	2.0186
126.01	894.0484	2.0186
126.02	894.0484	2.0213
126.03	897.0904	2.024
126.04	900.769	2.024
127.51	900.769	2.051
127.53	900.769	2.0483
127.54	900.769	2.0496
127.57	900.769	2.0496
127.59	900.769	2.0496
127.61	900.769	2.051
127.62	900.769	2.0496

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.64	900.769	2.051
127.65	900.769	2.051
127.67	900.769	2.0523
127.68	900.769	2.0523
127.7	900.769	2.0523
127.72	900.769	2.0523
127.73	900.769	2.0523
127.75	900.769	2.0496
127.78	900.769	2.0537
127.81	900.769	2.0523
127.85	900.769	2.0496
127.87	900.769	2.0496
127.89	900.769	2.0496
127.91	900.769	2.051
127.92	900.769	2.0496
127.93	900.769	2.0496
127.93	900.769	2.0483
127.94	900.769	2.0483
127.98	900.769	2.0469
127.98	900.769	2.0469
127.99	900.769	2.0469
127.99	900.769	2.0469
128	900.769	2.0469
128	900.769	2.0483
128.01	900.769	2.0469
128.02	900.769	2.0496
128.02	900.769	2.0496
128.03	902.7498	2.0483
128.04	906.4284	2.0496
128.05	910.0363	2.0523
128.29	910.0363	2.0564
128.48	910.0363	2.0591
128.89	910.0363	2.0672
128.98	910.0363	2.0699
129.49	910.0363	2.0766
129.52	910.0363	2.0766
129.54	910.0363	2.078
129.58	910.0363	2.078
129.6	910.0363	2.0793
129.62	910.0363	2.0807
129.63	910.0363	2.0793
129.64	910.0363	2.0807
129.66	910.0363	2.0793
129.68	910.0363	2.0807
129.69	910.0363	2.0807
129.71	910.0363	2.0793
129.73	910.0363	2.082
129.77	910.0363	2.0793
129.83	910.0363	2.0793
129.85	910.0363	2.078
129.86	910.0363	2.0766
129.87	910.0363	2.0766
129.88	910.0363	2.0766
129.89	910.0363	2.0766

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
129.9	910.0363	2.0753
129.9	910.0363	2.078
129.91	910.0363	2.0766
129.92	910.0363	2.0766
129.93	910.0363	2.0766
129.94	910.0363	2.0766
129.95	910.0363	2.0766
129.96	910.0363	2.0793
129.97	913.432	2.082
129.99	914.4224	2.082
130.09	914.4224	2.0834
131.14	914.4931	2.1009
131.5	914.4931	2.1063
131.53	914.4931	2.1063
131.55	914.4931	2.1077
131.56	914.4931	2.1063
131.58	914.4931	2.109
131.6	914.4931	2.109
131.61	914.4931	2.109
131.63	914.4931	2.109
131.65	914.4931	2.109
131.66	914.4931	2.1077
131.68	914.4931	2.1104
131.7	914.4931	2.109
131.71	914.4931	2.1104
131.72	914.4931	2.1104
131.74	914.4931	2.1104
131.76	914.4931	2.1104
131.85	914.4931	2.109
131.86	914.4931	2.1063
131.87	914.4931	2.1077
131.88	914.4931	2.1063
131.89	914.4931	2.1063
131.9	914.4931	2.105
131.91	914.4931	2.1063
131.92	914.4931	2.105
131.93	914.4931	2.1063
131.93	914.4931	2.105
131.94	914.4931	2.1063
131.95	914.4931	2.105
131.95	914.4931	2.105
131.96	914.4931	2.1036
131.97	914.4931	2.1063
131.98	914.4931	2.1077
131.99	918.101	2.1077
131.99	918.3132	2.1077
132	921.9919	2.1104
132.44	921.9919	2.1171
132.5	921.9919	2.1185
132.69	921.9919	2.1212
133.5	921.9919	2.1361
133.52	921.9919	2.1334
133.55	921.9919	2.1374
133.56	921.9919	2.1361

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.58	921.9919	2.1361
133.6	921.9919	2.1361
133.62	921.9919	2.1361
133.63	921.9919	2.1388
133.65	921.9919	2.1388
133.66	921.9919	2.1388
133.68	921.9919	2.1388
133.7	921.9919	2.1388
133.71	921.9919	2.1388
133.73	921.9919	2.1361
133.78	921.9919	2.1374
133.83	921.9919	2.1361
133.84	921.9919	2.1361
133.86	921.9919	2.1347
133.87	921.9919	2.1361
133.89	921.9919	2.1361
133.89	921.9919	2.1347
133.9	921.9919	2.1347
133.91	921.9919	2.1347
133.92	921.9919	2.1361
133.93	921.9919	2.1347
133.94	921.9919	2.1361
133.94	921.9919	2.1334
133.95	921.9919	2.1334
133.96	921.9919	2.1361
133.97	921.9919	2.1361
133.97	921.9919	2.1388
133.99	924.8923	2.1401
134.03	928.5002	2.1415
134.14	928.5002	2.1428
135.5	928.5002	2.1671
135.52	928.5002	2.1631
135.54	928.5002	2.1658
135.55	928.5002	2.1658
135.58	928.5002	2.1658
135.59	928.5002	2.1658
135.61	928.5002	2.1671
135.63	928.5002	2.1671
135.64	928.5002	2.1671
135.66	928.5002	2.1658
135.67	928.5002	2.1685
135.69	928.5002	2.1671
135.7	928.5002	2.1671
135.72	928.5002	2.1671
135.73	928.5002	2.1671
135.76	928.5002	2.1671
135.84	928.5002	2.1658
135.85	928.5002	2.1658
135.87	928.5002	2.1658
135.88	928.5002	2.1658
135.89	928.5002	2.1658
135.9	928.5002	2.1658
135.91	928.5002	2.1617
135.92	928.5002	2.1644

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
135.93	928.5002	2.1631
135.93	928.5002	2.1631
135.94	928.5002	2.1631
135.94	928.5002	2.1644
135.95	928.5002	2.1617
135.96	928.5002	2.1631
135.97	928.5002	2.1644
135.97	928.5002	2.1644
135.98	928.5002	2.1658
135.99	930.9762	2.1671
136.01	934.5841	2.1685
136.21	934.5841	2.1725
136.28	934.5841	2.1725
136.32	934.5841	2.1752
136.77	934.5841	2.1806
137	934.5841	2.1847
137.12	934.5841	2.186
137.18	934.5841	2.1874
137.37	934.5841	2.1887
137.45	934.5841	2.1914
137.5	934.5841	2.1928
137.52	934.5841	2.1914
137.59	934.5841	2.1941
137.62	934.5841	2.1941
137.73	934.5841	2.1914
137.75	934.5841	2.1941
137.76	934.5841	2.1941
137.79	934.5841	2.1914
137.8	934.5841	2.1914
137.81	934.5841	2.1928
137.82	934.5841	2.1941
137.83	938.0505	2.1941
137.99	938.6872	2.1968
139.4	942.4366	2.2198
139.46	942.4366	2.2211
139.5	942.4366	2.2225
139.53	942.4366	2.2225
139.54	942.4366	2.2225
139.56	942.4366	2.2211
139.59	942.4366	2.2238
139.6	942.4366	2.2238
139.61	942.4366	2.2238
139.62	942.4366	2.2252
139.64	942.4366	2.2238
139.65	942.4366	2.2252
139.67	942.4366	2.2238
139.69	942.4366	2.2238
139.7	942.4366	2.2252
139.72	942.4366	2.2252
139.73	942.4366	2.2238
139.76	942.4366	2.2252
139.85	942.4366	2.2252
139.87	942.4366	2.2238
139.89	942.4366	2.2225

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.9	942.4366	2.2238
139.9	942.4366	2.2211
139.91	942.4366	2.2211
139.92	942.4366	2.2225
139.93	942.4366	2.2211
139.93	942.4366	2.2198
139.94	942.4366	2.2225
139.95	942.4366	2.2211
139.95	942.4366	2.2198
139.96	942.4366	2.2211
139.96	942.4366	2.2198
139.97	942.4366	2.2225
139.98	942.4366	2.2225
139.99	942.4366	2.2238
139.99	942.4366	2.2238
140	946.0445	2.2252
140.02	949.6523	2.2279
140.23	949.6523	2.2306
141.26	949.6523	2.2454
141.5	949.6523	2.2508
141.52	949.6523	2.2522
141.54	949.6523	2.2522
141.55	949.6523	2.2522
141.57	949.6523	2.2549
141.58	949.6523	2.2549
141.59	949.6523	2.2535
141.6	949.6523	2.2549
141.61	949.6523	2.2549
141.62	949.6523	2.2535
141.64	949.6523	2.2535
141.65	949.6523	2.2549
141.66	949.6523	2.2535
141.67	949.6523	2.2549
141.68	949.6523	2.2562
141.69	949.6523	2.2562
141.7	949.6523	2.2549
141.71	949.6523	2.2576
141.72	949.6523	2.2549
141.73	949.6523	2.2549
141.76	949.6523	2.2562
141.77	949.6523	2.2549
141.86	949.6523	2.2522
141.88	949.6523	2.2535
141.89	949.6523	2.2522
141.9	949.6523	2.2508
141.91	949.6523	2.2508
141.92	949.6523	2.2495
141.92	949.6523	2.2508
141.93	949.6523	2.2495
141.94	949.6523	2.2495
141.94	949.6523	2.2495
141.95	949.6523	2.2495
141.95	949.6523	2.2495
141.96	949.6523	2.2508

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
141.96	949.6523	2.2481
141.97	949.6523	2.2495
141.97	949.6523	2.2481
141.97	949.6523	2.2495
141.98	949.6523	2.2481
141.99	949.6523	2.2522
141.99	949.6523	2.2522
141.99	949.6523	2.2522
142	949.6523	2.2508
142.01	949.6523	2.2535
142.02	949.6523	2.2549
142.04	950.3598	2.2576
142.28	950.3598	2.2603
143.04	950.3598	2.2711
143.12	950.3598	2.2711
143.32	950.3598	2.2751
143.36	950.3598	2.2778
143.5	950.3598	2.2805
143.52	950.3598	2.2805
143.55	950.3598	2.2819
143.57	950.3598	2.2819
143.58	950.3598	2.2832
143.6	950.3598	2.2819
143.62	950.3598	2.2819
143.63	950.3598	2.2819
143.66	950.3598	2.2819
143.68	950.3598	2.2832
143.7	950.3598	2.2832
143.72	950.3598	2.2832
143.74	950.3598	2.2846
143.76	950.3598	2.2819
143.82	950.3598	2.2805
143.84	950.3598	2.2805
143.85	950.3598	2.2819
143.87	950.3598	2.2805
143.87	950.3598	2.2805
143.88	950.3598	2.2805
143.89	950.3598	2.2792
143.9	950.3598	2.2792
143.91	950.3598	2.2805
143.91	950.3598	2.2805
143.93	950.3598	2.2792
143.93	950.3598	2.2792
143.94	950.3598	2.2805
143.95	950.3598	2.2832
143.96	950.3598	2.2846
143.99	952.2698	2.2859
144.42	952.2698	2.2927
144.49	952.2698	2.2927
144.54	952.2698	2.2954
145.16	952.2698	2.3021
145.35	952.2698	2.3048
145.51	952.2698	2.3089
145.55	952.2698	2.3102

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
145.61	952.2698	2.3089
145.74	952.2698	2.3062
145.75	952.2698	2.3102
145.78	952.2698	2.3089
145.79	952.2698	2.3102
145.99	954.3921	2.3129
146.06	954.3921	2.3156
147.36	954.4629	2.3332
147.48	954.4629	2.3386
147.51	954.4629	2.3399
147.54	954.4629	2.3386
147.56	954.4629	2.3386
147.58	954.4629	2.3399
147.6	954.4629	2.3399
147.62	954.4629	2.3399
147.64	954.4629	2.3399
147.65	954.4629	2.3413
147.67	954.4629	2.3399
147.68	954.4629	2.3413
147.71	954.4629	2.3399
147.8	954.4629	2.3386
147.82	954.4629	2.3386
147.83	954.4629	2.3386
147.83	954.4629	2.3359
147.84	954.4629	2.3372
147.85	954.4629	2.3359
147.86	954.4629	2.3386
147.87	954.4629	2.3359
147.88	954.4629	2.3372
147.89	954.4629	2.3372
147.89	954.4629	2.3372
147.9	954.4629	2.3413
147.93	958	2.3426
147.99	958	2.3426
148.24	953.1187	2.348
149.06	949.3694	2.3588
149.2	945.6907	2.3615
149.79	931.047	2.3642
149.8	934.6549	2.3642
149.81	938.3335	2.3656
149.82	941.9414	2.3683
149.83	945.62	2.3683
149.99	945.337	2.3737
151.38	941.7291	2.3912
151.99	950.6427	2.4007
152.19	946.9641	2.4034
152.9	943.2147	2.4142
152.99	939.5361	2.4155
153.49	935.7867	2.425
153.52	932.1789	2.425
153.54	928.5002	2.425
153.57	924.8216	2.4263
153.88	902.962	2.425
153.89	906.5699	2.4263

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
153.9	910.2486	2.425
153.91	913.8564	2.425
153.92	917.5351	2.4236
153.92	921.2137	2.4236
153.93	924.8216	2.425
153.94	928.5002	2.4236
153.95	932.1789	2.4236
153.95	935.7867	2.425
153.96	939.4654	2.4263
153.97	943.0733	2.4277
153.99	946.6811	2.4291
153.99	947.2471	2.4277
156.65	938.5457	2.4696
156.69	934.8671	2.4709
157.17	931.1885	2.4777
157.44	934.7963	2.4804
159.99	935.1501	2.5182
160.2	931.4714	2.5195
161.57	916.8984	2.5425
161.58	913.2905	2.5438
161.59	909.6119	2.5425
161.61	906.004	2.5425
161.62	902.3254	2.5438
161.64	898.6467	2.5438
161.65	895.0388	2.5438
161.66	891.3602	2.5452
161.68	887.6816	2.5452
161.69	884.0737	2.5438
161.71	880.4658	2.5425
161.75	876.7872	2.5452
161.99	935.1501	2.5438
162.32	931.4007	2.5506
162.99	927.6513	2.5614
163.5	923.9727	2.5708
163.57	920.294	2.5695
163.59	916.6154	2.5722
163.62	913.0075	2.5708
163.65	909.3289	2.5708
163.77	913.0075	2.5681
163.78	916.6862	2.5668
163.79	920.3648	2.5668
163.8	923.9727	2.5695
163.81	927.5806	2.5708
163.82	931.1885	2.5735
163.96	927.5806	2.5749
163.99	926.8024	2.5735
164.23	923.1238	2.5776
164.32	919.4451	2.5816
164.46	915.8372	2.583
164.53	912.1586	2.583
165.09	908.4092	2.5924
165.49	904.7306	2.5978
165.54	901.052	2.5992
165.59	897.4441	2.6005

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
165.61	893.7655	2.5992
165.65	890.1576	2.6005
165.78	893.8362	2.5965
165.79	897.4441	2.5965
165.8	901.052	2.5978
165.82	904.7306	2.5978
165.83	908.3385	2.6005
165.94	911.9464	2.6032
165.99	910.2486	2.6046
166.23	906.5699	2.6073
166.9	902.8206	2.6194
167.47	899.0712	2.6275
167.51	895.4633	2.6289
167.53	891.7847	2.6289
167.55	888.1768	2.6302
167.57	884.4982	2.6302
167.58	880.8903	2.6302
167.59	877.2116	2.6302
167.6	873.6038	2.6302
167.62	869.9251	2.6316
167.63	866.2465	2.6316
167.64	862.6386	2.6302
167.65	858.96	2.6316
167.67	855.3521	2.6316
167.68	851.6735	2.6329
167.69	848.0656	2.6329
167.7	844.3869	2.6329
167.71	840.7791	2.6302
167.74	837.1004	2.6316
167.76	833.4925	2.6302
167.82	837.1712	2.6289
167.84	840.7791	2.6289
167.85	844.3869	2.6302
167.87	848.0656	2.6289
167.98	899.3542	2.6289
167.99	902.962	2.6302
167.99	903.4572	2.6316
168	907.0651	2.6329
168.28	903.3865	2.6383
168.55	899.7079	2.641
168.95	895.9585	2.6491
172.56	885.8423	2.7004
173.15	882.0929	2.7085
173.48	878.4143	2.7153
173.51	874.7356	2.7139
173.55	871.1278	2.7166
179.9	851.1783	2.799
179.91	854.7861	2.8017
179.91	858.4648	2.8031
179.92	862.0727	2.8044
179.94	865.6805	2.8058
179.99	865.8928	2.8085
180.1	862.2849	2.8085
180.26	858.6063	2.8112

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
180.7	854.9276	2.8179
181.16	851.249	2.8247
181.49	847.5704	2.8287
181.56	843.8917	2.8314
181.59	840.2839	2.8314
181.74	843.8917	2.8301
181.76	847.5704	2.8287
181.77	851.1783	2.8314
181.79	854.7861	2.8328
181.99	852.0979	2.8368
182.35	848.4193	2.8422
182.87	844.6699	2.849
183.47	840.9913	2.8598
183.56	837.3127	2.8598
183.72	840.9913	2.8611
183.78	844.5992	2.8611
183.99	843.1136	2.8652
184.27	839.4349	2.8692
187.54	818.9195	2.9178
187.56	815.3116	2.9178
187.59	811.633	2.9178
187.61	808.0251	2.9192
187.64	804.3465	2.9205
187.65	800.7386	2.9205
187.67	797.1307	2.9192
187.77	800.7386	2.9165
187.78	804.3465	2.9178
187.8	808.0251	2.9165
187.8	811.633	2.9165
187.82	815.3116	2.9165
187.83	818.9195	2.9151
187.84	822.5274	2.9165
187.85	826.1353	2.9192
187.86	829.8139	2.9192
187.98	831.9362	2.9219
188.07	828.3283	2.9246
188.49	824.6497	2.93
189.17	820.9003	2.9408
189.27	824.5082	2.9421
189.45	820.8296	2.9462
193.88	814.7457	3.0083
193.98	815.9483	3.0096
194.14	812.3404	3.011
194.45	808.5911	3.0177
194.58	812.2697	3.0177
194.79	808.5911	3.0218
195.35	804.9124	3.0299
195.44	801.2338	3.0326
195.49	797.6259	3.0339
195.54	793.9473	3.0353
195.57	790.3394	3.0339
197.45	794.2302	3.0623
199.62	764.4475	3.0934
199.69	760.8396	3.0907

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
199.73	764.5182	3.0893
199.75	768.1261	3.0907
199.76	771.734	3.0893
199.77	775.4126	3.0893
199.78	779.0205	3.0907
199.79	782.6284	3.0907
199.8	786.2363	3.0934
199.98	785.2459	3.0961
200.38	781.5673	3.1028
200.63	777.8886	3.1082
201.45	774.1393	3.1204
201.51	770.5314	3.119
201.58	766.9235	3.1217
201.71	770.5314	3.1204
201.74	774.1393	3.1204
201.76	777.8179	3.1217
201.98	778.4546	3.1258
202.2	774.8467	3.1298
203.11	771.0973	3.142
203.45	767.4187	3.1501
203.48	763.8108	3.1487
203.53	760.1322	3.1501
203.55	756.5243	3.1514
203.58	752.9164	3.1501
203.6	749.2378	3.1514
203.63	745.6299	3.1501
203.65	742.022	3.1514
203.68	738.4141	3.1501
203.76	742.022	3.1487
203.77	745.6299	3.1501
203.79	749.3085	3.1487
205.61	745.2054	3.1811
205.63	741.5268	3.1798
205.67	737.9189	3.1811
205.75	741.5975	3.1784
205.76	745.2054	3.1771
205.77	748.8133	3.1784
205.79	752.4212	3.1771
205.8	756.0998	3.1771
205.81	759.7077	3.1784
205.83	763.3156	3.1811
205.86	766.9235	3.1825
205.98	764.2353	3.1838
206.29	760.5566	3.1892
206.65	756.9488	3.1933
207.29	753.1994	3.2041
207.56	749.5208	3.2081
207.7	753.1994	3.2095
207.82	756.8073	3.2095
207.98	755.5339	3.2122
208.48	751.8553	3.2203
209.35	748.1766	3.2338
209.51	744.498	3.2351
209.56	740.8901	3.2378

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
209.71	744.498	3.2365
209.74	748.1059	3.2365
209.76	751.7138	3.2378
209.98	750.2282	3.2419
210.43	746.5495	3.2486
210.61	750.1574	3.2513
210.67	746.5495	3.2513
211.47	742.8709	3.2635
212.39	739.829	3.277
212.62	736.2211	3.281
212.94	732.5425	3.2851
213.83	732.4717	3.2945
213.85	736.0796	3.2959
213.98	734.594	3.2999
214.15	730.9861	3.3026
214.3	727.3075	3.3053
214.62	723.6996	3.3094
215.19	720.021	3.3175
215.48	716.3423	3.3215
215.74	719.9502	3.3242
215.84	723.5581	3.3256
215.98	722.5677	3.3296
216.13	718.9598	3.331
217.08	715.2105	3.3459
217.47	711.5318	3.3526
217.52	707.9239	3.354
217.55	704.3161	3.3526
217.58	700.7082	3.354
217.6	697.0295	3.3553
217.65	693.4217	3.354
217.74	697.1003	3.3499
217.75	700.7082	3.3513
217.76	704.3161	3.3499
217.77	707.9239	3.3486
217.78	711.5318	3.3499
217.79	715.1397	3.3513
217.81	718.7476	3.354
217.98	718.2524	3.358
218.12	714.5738	3.3621
218.29	718.1817	3.3621
218.37	714.5738	3.3648
218.57	718.1817	3.3661
219.14	714.503	3.3756
219.44	710.8244	3.3823
219.49	707.2165	3.381
219.54	703.6086	3.381
219.59	700.0007	3.3837
219.64	696.3929	3.3837
219.72	700.0007	3.3796
219.74	703.6086	3.3796
219.75	707.2165	3.3796
219.77	710.8244	3.381
219.79	714.4323	3.3823
219.98	714.6445	3.3864

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
220.43	710.9659	3.3931
221.52	707.2165	3.4107
221.69	710.8244	3.412
221.78	714.503	3.412
221.98	714.9275	3.4161
222.36	711.2489	3.4228
222.44	714.8567	3.4215
222.54	711.2489	3.4228
223.11	707.5702	3.4323
223.43	703.8916	3.4377
223.48	700.2837	3.439
223.53	696.6758	3.4404
223.56	693.0679	3.4404
223.73	693.0679	3.4363
223.75	696.6758	3.4363
223.76	700.2837	3.4377
223.77	703.8916	3.439
223.86	707.4995	3.4431
224.26	700.213	3.4485
224.98	696.5343	3.4606
225.44	692.8557	3.4674
225.55	689.2478	3.4687
225.69	692.8557	3.4687
225.98	694.4828	3.4755
226.89	690.8042	3.4876
227.41	687.1255	3.4957
227.56	683.5176	3.4984
227.6	679.9098	3.4971
227.68	683.5176	3.4957
227.74	687.1255	3.4957
227.79	690.7334	3.4984
227.98	688.9649	3.5025
228.2	685.357	3.5065
228.79	681.6783	3.516
229.49	677.9997	3.5268
229.56	674.3918	3.5281
229.72	677.9997	3.5241
229.74	681.6076	3.5281
229.98	682.5272	3.5308
230.16	678.9194	3.5362
230.33	675.2407	3.5389
231.44	671.5621	3.5538
231.51	667.9542	3.5551
231.72	671.5621	3.5551
231.78	675.17	3.5565
231.98	673.8966	3.5605
232.36	670.218	3.5673
233.43	666.5394	3.5835
233.47	662.9315	3.5848
233.51	659.3236	3.5848
233.54	655.7157	3.5862
233.57	652.1078	3.5848
233.6	648.4999	3.5862
233.64	644.892	3.5862

S3N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
233.73	648.4999	3.5835
233.75	652.1078	3.5821
233.76	655.7157	3.5821
233.81	670.1472	3.5848
233.83	673.7551	3.5862
233.98	672.4818	3.5902
234.81	668.8031	3.6037
235.29	672.3403	3.6078
235.73	668.7324	3.6132
235.98	669.8643	3.6186
236.21	666.2564	3.6226
237.31	662.507	3.6388
237.43	658.8991	3.6415
237.85	640.8597	3.6402
237.98	665.6197	3.647
238.25	661.9411	3.6524
239.43	658.1917	3.6713
239.47	654.6546	3.6699
239.68	658.2624	3.6713
239.74	661.7996	3.6713
239.98	662.0118	3.678
241.15	658.3332	3.6942
241.55	654.6546	3.701
241.67	658.2624	3.6983
241.74	661.8703	3.701
241.98	661.3751	3.7064
243.42	657.6258	3.728
243.55	653.9471	3.7307
243.59	650.41	3.7307
243.64	646.8021	3.7307
243.72	650.41	3.7266
243.74	654.0179	3.7253
243.75	657.555	3.7293
243.78	661.1629	3.7307
243.98	660.8799	3.7347
244.31	657.272	3.7388
245.43	653.5934	3.7563
245.52	649.9148	3.759
245.67	653.5227	3.7577
245.74	657.1306	3.759
245.98	657.3428	3.7617
246.69	653.6642	3.7739
247.14	657.272	3.7793
247.43	653.5934	3.786
247.5	649.9855	3.7874
247.57	646.3776	3.7874
247.71	650.0563	3.782
247.72	653.5934	3.786
247.76	657.2013	3.7874
247.98	656.9183	3.7914
249.05	653.2397	3.809
249.26	656.7768	3.8117
249.48	653.169	3.8144
249.57	649.5611	3.8171

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
249.71	653.169	3.8144
249.74	656.7768	3.8157
249.98	655.2912	3.8211
251.3	651.5419	3.8414
251.36	655.1498	3.84
251.44	651.5419	3.8441
251.67	655.1498	3.8441
251.79	658.6869	3.8468
251.98	656.5646	3.8495
253.47	652.7445	3.8738
253.54	649.1366	3.8765
253.62	645.5287	3.8751
253.68	649.2074	3.8724
253.71	652.8152	3.8697
253.73	656.3524	3.8738
253.74	659.9603	3.8738
253.98	661.5874	3.8778
254.26	657.9795	3.8846
255.46	654.2301	3.9035
255.85	661.4459	3.9048
255.98	663.073	3.9089
256.28	659.4651	3.9143
256.94	655.7864	3.9237
257.46	652.1078	3.9305
257.73	655.7157	3.9318
257.98	654.9375	3.9372
259.36	651.2589	3.9589
259.54	647.5803	3.9616
259.62	644.0431	3.9602
259.67	647.651	3.9602
259.72	651.1882	3.9602
259.98	649.9855	3.9656
260.97	646.3069	3.9805
261.22	649.844	3.9845
261.34	646.2362	3.9859
261.49	642.6283	3.9886
261.5	646.2362	3.9899
261.51	649.844	3.9899
261.53	646.2362	3.9913
261.54	642.6283	3.9926
261.55	639.0204	3.9926
261.57	635.4125	3.994
261.58	631.8046	3.9926
261.59	628.1967	3.994
261.6	624.6596	3.9926
261.61	621.0517	3.9953
261.62	617.4438	3.994
261.63	613.8359	3.9953
261.64	610.228	3.994
261.66	606.6909	3.9926
261.68	603.083	3.9953
261.69	599.4751	3.9926
261.9	610.2988	3.9899
261.91	613.9067	3.9899

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
261.92	617.5145	3.9886
261.93	621.0517	3.9872
261.94	624.6596	3.9886
261.94	628.2675	3.9913
261.95	631.8754	3.9899
261.96	635.4832	3.9872
261.97	639.0204	3.9899
261.98	642.6283	3.9886
261.98	643.3357	3.9886
261.99	646.9436	3.9899
262	650.5515	3.9913
262.02	654.0886	3.9953
262.25	650.4807	3.9994
262.84	646.8021	4.0088
263.49	643.1235	4.0196
263.72	646.7314	4.0196
263.98	645.0335	4.0237
265.51	641.2842	4.048
265.66	644.892	4.048
265.8	648.4292	4.0507
265.98	647.0143	4.0534
267.44	643.265	4.0736
267.73	646.8021	4.0777
267.98	647.7925	4.0804
268.35	644.1139	4.0871
269.66	647.7925	4.1074
269.98	647.5803	4.1114
271.45	643.8309	4.1344
271.53	640.223	4.133
271.65	643.8309	4.1317
271.67	647.4388	4.1344
271.74	650.9759	4.1344
273.35	652.0371	4.16
273.43	648.4292	4.1627
273.49	644.8213	4.1627
273.53	641.2134	4.1641
273.67	644.8213	4.1627
273.7	648.4292	4.16
273.72	651.9663	4.1627
273.87	655.5742	4.1681
273.98	652.6738	4.1695
275.72	656.0694	4.1924
275.98	655.5742	4.1978
277.42	651.8248	4.2208
277.65	655.4327	4.2221
277.73	658.9699	4.2235
277.98	656.5646	4.2275
279.44	652.8152	4.2491
279.52	649.2781	4.2491
279.65	652.8152	4.2491
279.7	656.4231	4.2505
279.98	658.5454	4.2559
280.52	654.8668	4.264
281.09	658.6869	4.2721

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
281.44	655.0083	4.2775
281.5	651.4711	4.2789
281.54	647.8632	4.2816
281.57	644.2554	4.2802
281.67	647.8632	4.2789
281.69	651.4711	4.2762
281.71	655.0083	4.2775
281.73	658.6162	4.2789
281.75	662.1533	4.2843
281.98	659.9603	4.2856
283.5	656.2816	4.3086
283.67	659.8188	4.3072
283.7	663.4267	4.3099
283.98	663.3559	4.3153
285.21	667.1053	4.3315
285.42	663.4974	4.3356
285.54	659.8895	4.3383
285.65	663.4974	4.3356
285.73	667.0346	4.3396
285.94	663.4267	4.3437
285.98	662.507	4.341
286.38	658.8284	4.3491
286.61	662.3655	4.3518
287.79	666.1149	4.368
287.98	665.8319	4.3707
289.36	662.0826	4.3936
289.43	658.5454	4.395
289.74	662.0826	4.3977
289.98	660.8799	4.4017
290.79	664.6293	4.4125
291.44	660.9507	4.4247
291.5	657.3428	4.4233
291.54	653.8056	4.426
291.66	657.3428	4.4247
291.69	660.9507	4.4233
291.71	664.4878	4.4247
291.92	668.0957	4.4287
291.98	666.8223	4.4314
293.43	663.1437	4.4517
293.69	666.6808	4.453
293.98	664.983	4.4584
295.56	661.2336	4.4827
295.64	664.8415	4.4787
295.66	668.3787	4.4841
295.83	671.9866	4.4854
295.88	668.3787	4.4868
295.98	667.8835	4.4868
297.38	664.2048	4.5097
297.5	660.597	4.5097
297.67	664.1341	4.5097
297.87	667.9542	4.5151
298.1	664.5586	4.5192
299.44	660.8799	4.5394
299.71	664.4171	4.5421

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
299.98	663.7096	4.5462
301.72	667.3175	4.5705
301.98	664.4171	4.5746
302.17	667.9542	4.5773
302.82	664.3463	4.5881
303.5	660.6677	4.5989
303.65	664.2756	4.5989
303.73	667.8127	4.6002
303.98	668.5202	4.6043
305.43	664.7708	4.6259
305.72	668.3079	4.6286
305.97	669.0154	4.634
307.72	672.694	4.6556
307.97	673.1184	4.6623
309.53	669.3691	4.6853
309.7	672.9062	4.6839
309.97	673.3307	4.692
311.43	669.652	4.7123
311.72	673.1892	4.7163
311.97	671.4914	4.719
313.52	667.742	4.7433
313.66	671.3499	4.742
313.8	674.887	4.7447
313.97	674.887	4.7487
315.55	671.1376	4.773
315.64	674.6748	4.773
315.88	678.2119	4.7757
315.97	676.3019	4.7784
317.25	679.9805	4.796
317.97	681.6076	4.8068
319.52	677.8582	4.8297
319.58	681.3954	4.8311
319.91	684.9325	4.8338
319.97	682.315	4.8351
321.41	678.5656	4.8581
321.5	675.0285	4.8581
321.62	678.6364	4.8567
321.66	682.1735	4.8581
321.75	685.7107	4.8608
321.97	684.7203	4.8649
322.38	681.1124	4.8716
322.59	684.6495	4.873
323.41	681.0416	4.8865
323.49	677.4338	4.8892
323.63	680.9709	4.8865
323.69	684.5788	4.8878
323.97	686.4181	4.8946
325.07	682.7395	4.9081
325.15	686.2766	4.9094
325.4	682.6687	4.9162
325.49	679.1316	4.9148
325.59	682.6687	4.9162
325.7	686.2766	4.9162
325.97	683.5884	4.9229

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
325.98	680.0512	4.9229
326.03	676.4434	4.9256
326.09	672.9062	4.9243
326.33	669.2983	4.9283
327.49	665.6197	4.9459
327.61	669.2276	4.9445
327.64	672.7647	4.9472
327.97	673.6844	4.9513
329.47	669.935	4.9742
329.63	673.4722	4.9742
329.97	674.3918	4.9796
331.42	670.7132	5.0039
331.7	674.2503	5.0039
331.97	673.9674	5.0093
332.84	670.2887	5.0228
332.9	673.8966	5.0215
333.97	674.2503	5.039
334.81	670.5717	5.0525
334.98	667.0346	5.0539
335.6	638.5252	5.0647
335.65	634.988	5.0633
335.78	659.8895	5.0593
335.8	663.4267	5.0593
335.81	666.9638	5.0606
335.83	670.7132	5.0633
335.97	671.2084	5.0674
336.27	667.6005	5.0728
337.53	663.9219	5.0917
337.65	667.459	5.089
337.7	671.2084	5.093
337.97	669.0861	5.0957
339.4	665.3367	5.1187
339.47	661.7996	5.12
339.54	658.2624	5.12
339.63	661.7996	5.1187
339.66	665.4075	5.116
339.68	668.9446	5.1173
339.79	672.694	5.1214
339.97	670.0765	5.1254
340.53	666.4686	5.1335
340.61	670.0058	5.1335
341.5	663.073	5.1484
341.66	666.6101	5.1443
341.67	670.3595	5.1497
341.73	673.8966	5.1511
341.97	670.7839	5.1551
342.95	667.176	5.1673
342.99	670.7132	5.1687
343.49	667.1053	5.1768
343.63	670.6424	5.1781
343.97	671.3499	5.1822
344.79	675.0285	5.1943
345.37	671.4206	5.2038
345.62	675.17	5.2078

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
345.97	674.3918	5.2132
347.32	670.7132	5.2335
347.5	667.176	5.2348
347.58	663.5682	5.2375
347.65	667.176	5.2348
347.68	670.7132	5.2335
347.7	674.2503	5.2348
347.97	673.9674	5.2402
349.52	670.2887	5.2645
349.62	673.8259	5.2645
349.72	677.5752	5.2672
349.97	675.8774	5.2699
351.37	672.1988	5.2915
351.69	675.9482	5.2942
351.9	672.3403	5.301
351.97	673.5429	5.2983
352.75	669.935	5.3118
353.56	666.3271	5.3226
353.63	669.8643	5.3212
353.79	673.6136	5.3253
353.86	670.0765	5.3266
353.97	672.6232	5.328
355.43	668.9446	5.3496
355.58	672.4818	5.3496
355.97	675.2407	5.3577
356.19	671.7036	5.3604
357.48	668.025	5.3793
357.61	671.5621	5.3793
357.68	675.3115	5.3806
357.97	674.3211	5.3874
359.43	670.6424	5.4076
359.58	674.3918	5.4103
359.72	678.2119	5.4117
359.77	674.604	5.413
359.97	674.604	5.4144
360.04	678.3534	5.4171
360.63	674.8163	5.4252
361.21	678.4949	5.4333
361.37	674.9578	5.4373
361.69	678.7071	5.4414
361.97	679.1316	5.4441
362.02	675.5944	5.4454
362.22	672.0573	5.4481
363.49	668.3787	5.467
363.62	671.9158	5.467
363.68	675.6652	5.4684
363.97	675.3822	5.4738
365.41	671.7036	5.4954
365.61	675.2407	5.4954
365.78	678.9901	5.4981
365.85	675.453	5.5008
365.97	676.0896	5.5022
366.47	672.5525	5.5089
367.4	668.8739	5.5251

S3N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
367.45	665.3367	5.5265
367.48	661.5874	5.5265
367.51	658.0502	5.5278
367.54	654.2301	5.5265
367.59	650.693	5.5278
367.67	654.3008	5.5238
367.69	657.838	5.5238
367.7	661.3751	5.5224
367.71	665.1245	5.5238
367.72	668.6616	5.5224
367.74	672.411	5.5238
367.76	676.1604	5.5265
367.97	675.6652	5.5305
368.86	672.0573	5.544
369.72	675.7359	5.5575
369.93	672.1988	5.5589
369.97	673.8259	5.5602
371.48	670.1472	5.5818
371.61	673.8966	5.5845
371.97	673.6136	5.5899
373.09	677.2923	5.6048
373.29	673.6844	5.6088
373.54	670.1472	5.6115
373.61	673.8966	5.6129
373.69	677.646	5.6142
373.97	677.4338	5.6183
375.47	673.7551	5.6399
375.59	677.5045	5.6399
375.97	679.0608	5.648
376.93	675.453	5.6615
377.5	671.8451	5.6709
377.65	675.5944	5.6709
377.76	679.3438	5.6736
377.97	678.8486	5.675
379.5	675.17	5.6979
379.55	678.9194	5.7006
379.65	682.6687	5.7006
379.97	680.7587	5.7047
381.45	677.08	5.7276
381.56	680.8294	5.7276
381.69	684.5788	5.7303
381.97	682.4565	5.7344
383.21	686.0644	5.7533
383.27	682.315	5.7533
383.7	686.0644	5.7587
383.97	684.1543	5.7627
384.45	680.5464	5.7708
384.87	676.9386	5.7776
385.66	680.6879	5.7871
385.97	681.1124	5.7911
387.27	684.7203	5.81
387.36	681.1831	5.8127
387.44	677.4338	5.8141
387.59	681.1831	5.8141

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
387.61	684.9325	5.8181
387.97	683.7299	5.8208
388.93	687.3378	5.8357
389.25	683.8006	5.8397
389.68	687.4792	5.8478
389.97	686.0644	5.8519
391.32	682.3858	5.8694
391.62	686.1351	5.8748
391.97	683.3054	5.8802
393.36	679.6268	5.8991
393.97	679.556	5.9086
394.53	675.9482	5.918
395.36	672.3403	5.9288
395.57	676.0896	5.9329
395.97	676.5141	5.9356
396.58	672.977	5.945
396.68	676.6556	5.9477
397.16	673.1184	5.9545
397.23	676.8678	5.9558
397.32	673.3307	5.9585
397.4	669.5813	5.9572
397.55	673.3307	5.9599
397.63	677.08	5.9599
397.97	678.6364	5.9666
398.17	675.0992	5.9693
398.78	678.8486	5.9774
399.36	675.2407	5.9869
399.65	678.9901	5.9896
399.97	678.9194	5.995
401.4	675.2407	6.0166
401.65	678.9901	6.0193
401.97	677.5752	6.0233
402.85	681.1831	6.0368
403.22	677.646	6.0436
403.65	681.3246	6.0476
405.4	666.6101	6.076
405.44	662.8607	6.076
405.64	655.362	6.076
405.71	677.8582	6.0733
405.73	681.6076	6.0747
405.74	685.357	6.0787
405.97	686.2766	6.0828
406.03	682.5272	6.0828
407.35	678.8486	6.103
407.68	682.5272	6.1071
407.97	681.1124	6.1125
408.32	677.5752	6.1152
408.36	681.3246	6.1165
408.44	677.5752	6.1179
408.84	673.9674	6.1246
409.37	670.4302	6.1327
409.67	674.1796	6.1341
409.97	673.4014	6.1395
410.55	669.8643	6.1489

S3N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
411.39	666.2564	6.1597
411.97	667.1053	6.1678
412.19	663.5682	6.1719
412.91	660.031	6.1827
413.45	656.4231	6.1908
413.68	660.1725	6.1935
413.92	656.6354	6.1975
413.97	659.1821	6.1989
414.45	655.645	6.2056
414.84	659.3236	6.211
415.34	655.7864	6.2178
415.59	659.4651	6.2218
415.97	659.6773	6.2286
416.42	656.1402	6.234
417.37	652.5323	6.2475
417.52	648.7829	6.2488
417.58	652.5323	6.2502
417.97	652.4615	6.2556
419.68	656.0694	6.2812
419.78	652.32	6.2826
419.97	653.4519	6.2826
420.37	657.1306	6.2907
420.45	653.3812	6.292
420.98	649.844	6.3001
421.65	653.5227	6.3096
421.97	650.693	6.315
422.3	647.1558	6.319
422.63	643.5479	6.3244
422.84	639.7986	6.3271
422.93	643.5479	6.3271
423.12	640.0108	6.3325
423.52	636.2614	6.3366
423.57	640.0108	6.3339
423.73	643.6894	6.3393
423.9	639.94	6.342
423.96	640.4352	6.3433
425.07	644.0431	6.3582
425.36	640.506	6.3649
425.61	644.2554	6.3649
425.96	643.9724	6.3717
426.74	640.3645	6.3839
427.34	636.8274	6.392
427.63	640.506	6.396
427.96	639.3034	6.4001
428.34	635.7662	6.4068
429.39	632.1583	6.423
429.46	628.4089	6.423
429.57	632.1583	6.423
429.61	635.9077	6.4244
429.7	639.5863	6.4257
429.9	635.837	6.4298
429.96	637.2518	6.4284
430.92	633.6439	6.446
431.96	632.8658	6.4595

S3N3-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	7 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S3N3-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
432.13	629.1164	6.4608
432.48	625.5792	6.4662
433.43	621.9713	6.4797
433.62	625.7207	6.4824
433.96	624.0229	6.4878
434.94	620.415	6.5027
435.63	624.0936	6.5108
435.96	623.1032	6.5162
437.32	619.4953	6.5364
437.65	623.174	6.5405
437.96	622.4665	6.5445
438.18	618.7172	6.5486
438.28	622.4665	6.5513
438.36	618.7172	6.5513
438.96	615.18	6.5594
439.41	611.5721	6.5675
439.96	612.9163	6.5756
440.27	609.1669	6.5796
441.33	605.559	6.5958
441.96	602.0219	6.6039
441.96	602.2341	6.6053
443.41	598.6262	6.6255
443.48	602.3756	6.6242
443.63	606.0542	6.6269
443.96	605.842	6.6323
445.15	602.2341	6.6498
445.65	605.9127	6.6579
445.79	602.1633	6.6593
445.96	604.0027	6.662
447.31	600.3948	6.6823
447.51	596.6454	6.6836
447.56	600.324	6.6836
447.62	604.0734	6.685
447.96	604.2856	6.6917
448.63	600.7485	6.6998
449.31	597.1406	6.7133
449.66	600.89	6.7147
449.96	599.4044	6.7214
451.01	595.7965	6.7363
451.62	599.4751	6.7444
451.81	595.7965	6.7471
451.96	597.1406	6.7484
453.29	593.5327	6.7687
453.35	589.7833	6.7687
453.5	593.5327	6.7714
453.61	596.2917	6.7727

S3N3-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 7 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	4.71252	0.0284
0.8553	7.457175	0.0405
1.9998	8.907181	0.0581
3.5795	11.65184	0.0797
3.9997	12.37684	0.0864
5.8032	15.12149	0.1107
5.9995	15.12149	0.1148
7.3594	17.86615	0.135
7.9993	19.31615	0.1445
8.722	22.06081	0.1539
9.5799	24.80546	0.1674
9.9992	26.04833	0.1728
10.563	28.79298	0.1809
11.281	31.53764	0.1917
11.999	33.35014	0.2012
12.665	36.0948	0.2106
13.841	38.78767	0.2295
13.999	38.99481	0.2309
15.06	41.68768	0.2457
15.999	42.77518	0.2606
17.037	45.51984	0.2741
17.999	47.33235	0.2903
19.138	50.077	0.3065
19.998	51.31986	0.3187
21.533	54.06452	0.3403
21.998	54.42702	0.347
23.851	57.11989	0.3727
23.998	57.11989	0.3754
25.069	58.9324	0.3902
25.998	59.45026	0.4051
26.858	59.45026	0.4186
26.964	59.45026	0.4159
27.085	62.19491	0.4213
27.998	62.19491	0.4334
29.011	64.36992	0.4483
29.998	65.09492	0.4631
30.724	67.78779	0.4739
31.869	70.48066	0.4888
31.997	70.48066	0.4928
33.037	72.50031	0.5063
33.309	72.50031	0.5117
33.959	72.50031	0.5198
33.997	72.50031	0.5212
34.522	74.10568	0.5279
35.261	76.85033	0.5401
35.511	76.85033	0.5428
35.782	76.85033	0.5468
35.997	76.85033	0.5495
36.724	79.5432	0.5617
36.787	79.5432	0.5617
36.846	79.5432	0.5617
37.041	79.5432	0.5617
37.074	79.5432	0.563
37.997	80.2682	0.5779

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	4.804107	0.0554
1.9998	6.556193	0.0837
3.9997	7.74309	0.1148
5.9995	8.986506	0.1431
7.9993	9.777771	0.1701
9.9992	10.96467	0.1998
11.999	11.52986	0.2309
13.999	12.5472	0.2592
15.999	13.50802	0.2862
17.999	14.69492	0.316
19.998	15.71226	0.3457
21.998	16.67308	0.3754
23.998	17.69042	0.4024
25.998	19.4425	0.4307
27.998	20.6294	0.4618
29.998	21.64674	0.4915
31.997	21.64674	0.5185
33.997	21.98585	0.5468
35.997	22.77712	0.5765
36.432	22.77712	0.5846
36.599	22.77712	0.5833
37.997	22.77712	0.6076
39.997	22.77712	0.6346
41.997	22.77712	0.663
43.323	22.77712	0.6832
43.996	22.77712	0.6913
45.996	22.77712	0.7224
47.996	22.77712	0.7507
49.996	22.77712	0.7791
51.996	23.34231	0.8074
53.996	23.73794	0.8385
55.995	24.92484	0.8655
56.403	24.92484	0.8736
56.602	24.92484	0.8722
57.995	26.45085	0.8965
59.995	26.67692	0.9249
60.379	26.67692	0.9317
60.547	26.67692	0.9303
61.995	27.46819	0.9546
62.458	27.46819	0.9627
62.71	27.46819	0.9627
63.995	27.46819	0.9843
64.478	27.46819	0.9911
64.55	27.46819	0.9911
65.995	27.46819	1.0113
67.994	28.42901	1.0397
69.994	30.57673	1.0707
70.437	30.57673	1.0761
70.565	30.57673	1.0748
71.994	31.93318	1.0991
73.628	34.87216	1.1207
73.994	34.87216	1.1288
74.42	34.87216	1.1355
74.547	34.87216	1.1328

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	14.15734	0.0068
1.9998	20.1534	0.0365
2.7288	20.1534	0.0473
2.8564	20.1534	0.0432
3.9997	21.3193	0.0662
5.9995	25.98289	0.0932
7.9993	26.48256	0.1215
8.5656	26.48256	0.1337
8.7507	26.48256	0.1337
8.898	26.48256	0.1337
8.9719	26.48256	0.131
9.9992	29.48059	0.1526
11.999	31.81239	0.1809
13.999	34.14418	0.2093
14.702	34.14418	0.2201
14.789	34.14418	0.2187
15.999	37.64188	0.2376
17.999	40.47335	0.2687
19.998	41.63925	0.297
21.998	42.30548	0.3268
22.62	42.30548	0.3362
22.748	42.30548	0.3335
23.998	46.30285	0.3538
25.998	46.30285	0.3835
27.998	46.30285	0.4132
28.686	46.30285	0.4253
28.814	46.30285	0.4199
29.998	51.63267	0.4415
31.997	56.79594	0.4699
33.997	59.12773	0.4996
35.997	60.95986	0.5279
37.997	61.45953	0.559
38.64	61.45953	0.5671
38.73	61.45953	0.5657
39.997	64.291	0.5873
41.997	64.95723	0.6157
43.996	64.95723	0.6441
45.996	67.28903	0.6738
47.996	72.45229	0.7021
49.996	75.28376	0.7305
50.532	75.28376	0.7413
50.779	75.28376	0.7399
51.996	77.61556	0.7602
53.996	77.61556	0.7912
55.995	79.94736	0.8196
57.995	83.44506	0.8466
59.798	92.10602	0.8722
59.995	92.10602	0.8776
61.995	93.77159	0.906
63.995	95.60372	0.9344
65.882	104.2647	0.96
65.995	104.2647	0.9627
67.994	105.4306	0.9924
69.994	107.5958	1.0221

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	5.953748	0
1.9957	11.58275	0.0257
1.9998	11.58275	0.027
3.9997	13.96425	0.0554
5.9995	15.47975	0.0837
7.9993	16.99525	0.1134
9.9992	18.83549	0.1445
11.999	20.35099	0.1728
13.999	22.62424	0.2012
15.999	24.13974	0.2295
17.999	24.13974	0.2606
19.998	24.13974	0.2889
21.998	24.89749	0.3173
23.998	27.17074	0.3457
25.998	28.68624	0.3754
27.998	28.68624	0.4051
29.998	30.95949	0.4334
31.997	30.95949	0.4618
33.997	33.99049	0.4915
35.997	37.02149	0.5198
37.997	38.86174	0.5495
39.997	41.56799	0.5779
41.997	42.32574	0.6076
43.996	44.92374	0.6373
45.996	47.95474	0.6643
47.996	50.66099	0.694
49.996	50.98574	0.7251
51.996	54.34148	0.7534
53.996	58.13023	0.7804
55.995	61.48598	0.8101
57.995	64.19223	0.8398
59.995	66.79023	0.8682
61.995	69.82123	0.8965
63.995	73.93473	0.9263
65.995	76.96573	0.9546
67.994	77.72348	0.9857
68.891	83.35248	0.9951
69.994	83.35248	1.014
71.85	88.98147	1.0397
71.994	88.98147	1.0424
73.848	93.52797	1.068
73.994	93.52797	1.0707
75.994	95.36822	1.1004
77.526	100.9972	1.122
77.994	100.9972	1.1315
79.503	105.1107	1.1504
79.993	105.1107	1.1571
81.542	109.982	1.1801
81.993	109.982	1.1868
83.993	112.58	1.2166
85.993	114.4202	1.2463
86.774	120.0492	1.2557
87.993	121.8895	1.2719
89.458	127.5185	1.2949

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
38.598	82.96107	0.5873
38.787	82.96107	0.5914
38.959	82.96107	0.5914
39.576	85.65394	0.6022
39.997	86.22359	0.6076
40.997	88.91645	0.6211
41.997	90.36646	0.6373
42.717	93.05933	0.6468
43.996	94.35398	0.667
45.195	97.04685	0.6832
45.996	99.01471	0.6954
47.152	101.7076	0.7116
47.996	102.7951	0.7237
49.047	105.488	0.7399
49.996	106.0058	0.7534
50.473	108.7505	0.7588
51.404	111.4433	0.7737
51.996	111.9612	0.7818
53.061	114.7059	0.7966
53.996	115.9487	0.8115
54.641	118.6416	0.8196
55.995	120.4541	0.8398
57.056	123.147	0.8547
57.995	124.1827	0.8695
59.116	126.8755	0.8844
59.995	127.0309	0.8979
61.453	129.7238	0.9195
61.995	130.0863	0.9263
62.654	132.7791	0.9371
63.676	135.472	0.9519
63.995	135.6792	0.9546
65.029	138.372	0.9708
65.908	141.0649	0.983
65.995	141.0649	0.9857
66.656	143.1881	0.9938
67.65	145.881	1.01
67.994	145.881	1.014
69.073	148.5739	1.0289
69.994	148.9364	1.0424
70.63	151.6292	1.0518
70.879	151.6292	1.0572
70.969	151.6292	1.0545
71.755	154.3221	1.068
71.994	154.4775	1.0721
72.629	157.1703	1.0802
73.868	159.8632	1.0991
73.994	159.8632	1.1004
74.932	162.3489	1.1139
75.588	165.0418	1.1234
75.994	165.7668	1.1301
76.889	168.4597	1.1423
77.666	171.1525	1.1531
77.994	171.1525	1.1585
78.425	173.6382	1.1652

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
75.789	37.64159	1.1544
75.994	37.64159	1.1558
77.151	39.61975	1.1733
77.994	40.01538	1.1868
79.65	42.95437	1.2084
79.676	42.95437	1.2111
79.993	42.95437	1.2152
81.043	44.70645	1.2287
81.316	44.70645	1.2341
81.628	44.70645	1.2368
81.993	45.27164	1.2449
82.391	45.27164	1.2503
82.549	45.27164	1.2476
83.226	48.21063	1.2598
83.475	48.21063	1.2652
83.768	48.21063	1.2692
83.993	48.83233	1.2733
85.243	51.77132	1.2895
85.462	51.77132	1.2949
85.786	51.77132	1.2989
85.993	52.33651	1.3003
86.688	55.27549	1.3111
86.762	55.27549	1.3124
87.343	55.27549	1.3219
87.993	55.27549	1.3313
88.523	57.64928	1.3367
88.854	57.64928	1.3448
89.023	57.64928	1.3462
89.708	60.58827	1.3556
89.754	60.58827	1.357
89.993	60.58827	1.3597
90.609	61.94472	1.3678
90.954	61.94472	1.3745
91.123	61.94472	1.3759
91.685	64.8837	1.384
91.992	65.05326	1.388
92.195	65.05326	1.3907
92.565	65.05326	1.3948
93.182	67.99224	1.4056
93.422	67.99224	1.4096
93.684	67.99224	1.4123
93.992	69.00958	1.4164
94.904	71.94857	1.4299
95.702	74.83103	1.442
95.745	74.83103	1.4434
95.992	74.83103	1.4474
96.53	75.62229	1.4555
97.689	78.56128	1.469
97.992	78.95691	1.4771
98.103	78.95691	1.4785
98.548	78.95691	1.4812
98.948	81.89589	1.4893
99.095	81.89589	1.492
99.449	81.89589	1.496

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
71.994	112.9256	1.0505
73.994	119.2548	1.0775
75.994	124.4181	1.1072
77.994	126.7499	1.1369
79.993	127.9158	1.1666
80.96	136.5767	1.1801
81.993	136.5767	1.1949
83.993	142.2397	1.2233
85.993	145.7374	1.253
87.781	154.3983	1.2773
87.993	154.3983	1.2841
89.401	158.3957	1.3003
89.993	158.3957	1.3111
91.499	163.559	1.3327
91.992	163.559	1.3394
93.878	169.8881	1.3664
93.992	169.8881	1.3691
95.992	173.8855	1.3988
97.992	177.8829	1.4272
99.828	186.5438	1.4515
99.992	186.5438	1.4555
101.99	189.3753	1.4852
103.83	198.0363	1.5095
103.99	198.0363	1.5149
105.81	203.1995	1.5393
105.99	203.1995	1.5433
107.81	209.3621	1.5703
107.99	209.3621	1.5703
108.5	209.3621	1.5798
108.67	209.3621	1.5811
109.99	212.8598	1.6
110.6	212.8598	1.6095
110.72	212.8598	1.6081
111.99	216.191	1.6297
113.77	224.8519	1.654
113.99	224.8519	1.6594
115.99	227.0172	1.6891
117.59	235.6782	1.7094
117.99	235.6782	1.7161
119.99	239.0093	1.7458
121.59	247.6703	1.7688
121.99	247.6703	1.7755
123.68	253.9994	1.7985
123.99	253.9994	1.8025
125.94	261.3279	1.8323
125.99	261.3279	1.8323
127.86	267.6571	1.8593
127.99	267.6571	1.862
129.27	271.6545	1.8795
129.99	271.6545	1.8917
130.43	276.1515	1.8971
130.48	276.1515	1.8984
130.72	276.1515	1.9025
131.99	278.983	1.92

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
89.993	128.2762	1.3016
91.992	132.065	1.3327
93.207	137.694	1.3502
93.992	137.694	1.361
95.103	143.2147	1.3759
95.992	145.921	1.3894
97.928	151.4417	1.4177
97.992	152.6325	1.4177
99.744	158.2615	1.4447
99.992	158.2615	1.4474
101.07	162.375	1.4623
101.99	163.0245	1.4785
103.1	168.6535	1.492
103.69	168.6535	1.5014
103.79	168.6535	1.5014
103.99	169.736	1.5055
105	175.3649	1.5203
105.99	177.2052	1.5339
107.56	182.8342	1.5582
107.99	182.8342	1.5636
109	188.4632	1.5784
109.99	189.1127	1.5933
110.74	194.7417	1.6027
111.99	196.5819	1.6216
112.75	202.2109	1.6324
113.99	206.6492	1.65
115.33	212.2782	1.6702
115.99	212.2782	1.6797
116.69	217.9072	1.6891
117.92	223.4279	1.7067
117.99	223.4279	1.7094
118.42	224.9434	1.7148
119.72	230.5724	1.7323
119.99	230.5724	1.7377
120.79	235.3354	1.7485
121.99	239.4489	1.7674
123.19	245.0779	1.785
123.99	246.9182	1.7944
124.97	252.4389	1.8093
125.99	255.4699	1.8241
126.63	261.0989	1.8336
127.99	265.1042	1.8525
129.17	270.7332	1.8701
129.99	273.9807	1.8822
131.55	279.6097	1.9052
131.99	281.0169	1.9106
132.98	286.6459	1.9254
133.99	290.0017	1.9403
135.12	295.5224	1.9565
135.99	298.8782	1.97
137.3	304.3989	1.9889
137.99	305.1567	1.9983
139.1	310.6774	2.0145
139.99	312.5177	2.0267

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
78.841	173.6382	1.1706
79.007	173.6382	1.172
79.808	176.3311	1.1841
79.993	177.0561	1.1882
81.029	179.6972	1.2017
81.468	182.3901	1.2098
81.993	182.7526	1.2166
82.943	185.4454	1.2314
83.763	188.1383	1.2422
83.993	188.1383	1.2463
84.602	190.8312	1.2544
85.329	193.4723	1.2638
85.993	194.9223	1.2746
86.989	197.6151	1.2881
87.939	200.2562	1.303
87.993	200.2562	1.303
88.964	202.5866	1.3178
89.663	205.2795	1.3273
89.993	205.4348	1.3327
90.522	208.1277	1.3408
90.815	208.1277	1.3448
90.902	208.1277	1.3448
91.421	210.8206	1.3543
91.992	211.7009	1.361
92.421	214.3938	1.3678
93.083	217.0349	1.3759
93.992	218.1224	1.3907
94.383	220.8152	1.3961
95.08	223.4563	1.4056
95.979	226.1492	1.4191
95.992	226.1492	1.4191
96.498	228.6349	1.4272
97.139	231.3278	1.4353
97.992	232.5706	1.4474
98.605	235.2635	1.4569
99.28	237.9046	1.4677
99.992	238.9921	1.4771
100.56	241.6332	1.4866
101.08	244.3261	1.492
101.99	245.2064	1.5068
102.36	247.8993	1.5122
103.2	250.5404	1.5231
103.99	252.1457	1.5352
104.56	254.8386	1.5433
105.62	257.4797	1.5595
105.99	258.2047	1.5636
106.65	260.8458	1.573
107.46	263.5386	1.5852
107.99	264.5744	1.5933
108.56	267.2672	1.6014
109.07	269.9083	1.6081
109.99	271.5137	1.623
110.44	274.2065	1.6284
111.03	276.8476	1.6365

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
99.992	84.04361	1.5041
100.91	86.98259	1.5163
101.15	86.98259	1.5217
101.47	86.98259	1.5258
101.99	89.6955	1.5325
102.2	89.6955	1.5366
102.57	89.6955	1.5406
103.09	92.63449	1.5501
103.51	92.63449	1.5555
103.78	92.63449	1.5582
103.99	93.59531	1.5622
104.31	93.59531	1.569
104.35	93.59531	1.5703
104.38	93.59531	1.5703
104.42	93.59531	1.5703
104.46	93.59531	1.5703
104.56	93.59531	1.5676
104.58	93.59531	1.5676
104.59	93.59531	1.5676
104.61	93.59531	1.5663
104.62	93.59531	1.5676
104.66	96.53429	1.5717
104.87	96.53429	1.5757
105.08	96.53429	1.5771
105.65	99.47327	1.5865
105.99	100.4341	1.5919
106.05	100.4341	1.5933
106.53	100.4341	1.5987
106.93	103.3731	1.6054
107.28	103.3731	1.6095
107.52	103.3731	1.6122
107.99	104.8991	1.6203
108.54	107.8381	1.6257
108.55	107.8381	1.627
108.76	107.8381	1.6311
109.28	110.7771	1.6378
109.99	111.7379	1.65
110.52	114.6769	1.6581
111.26	117.6158	1.6662
111.99	119.5375	1.6783
112.39	119.5375	1.6864
112.52	119.5375	1.6837
112.59	122.4765	1.6864
113.04	125.4154	1.6932
113.19	125.4154	1.6972
113.48	125.4154	1.6986
113.84	128.3544	1.7053
113.99	128.3544	1.7067
114.6	131.0673	1.7148
115.56	134.0063	1.7296
115.99	135.3628	1.7364
116.27	135.3628	1.7418
116.51	135.3628	1.7418
116.64	138.3018	1.7445

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.99	284.1462	1.9484
135.85	292.6406	1.9754
135.99	292.6406	1.9781
137.99	295.4721	2.0078
139.99	299.3029	2.0361
140.57	299.3029	2.0456
140.68	299.3029	2.0442
141.53	307.9639	2.0564
141.99	307.9639	2.0631
143.99	307.9639	2.0915
145.04	313.4603	2.109
145.99	313.4603	2.1239
146.08	315.7921	2.1212
147.62	324.2865	2.1455
147.99	324.2865	2.1509
149.99	329.4497	2.1793
151.99	332.7809	2.2103
153.99	337.7776	2.2387
155.13	346.4386	2.2535
155.99	346.4386	2.267
156.74	350.9356	2.2765
157.99	351.4353	2.2954
158.62	351.4353	2.3062
158.7	351.4353	2.3062
158.77	359.9297	2.3075
159.99	361.0956	2.3251
161.34	369.59	2.344
161.42	369.59	2.3467
161.51	369.59	2.3467
161.99	369.59	2.3548
163.56	378.0844	2.3777
163.99	378.0844	2.3831
165.15	385.4129	2.3993
165.99	388.2444	2.4115
167.99	396.7388	2.4412
169.99	403.4011	2.4696
171.7	411.8955	2.4939
171.79	411.8955	2.4979
171.87	411.8955	2.4966
171.99	411.8955	2.5006
172.56	411.8955	2.5087
172.64	411.8955	2.5087
173.99	412.8948	2.529
175.99	420.2233	2.5573
177.39	428.7177	2.5776
177.99	429.3839	2.587
179.53	437.7118	2.6086
179.99	437.7118	2.6167
181.31	445.7065	2.6343
181.99	446.2062	2.6451
182.58	446.2062	2.6532
182.66	446.2062	2.6532
183.73	454.7006	2.6694
183.99	454.7006	2.6734

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
140.84	318.1467	2.0388
141.99	321.0694	2.0564
143.02	326.5902	2.0712
143.99	328.7552	2.0861
144.76	334.3842	2.0969
145.86	339.9049	2.1117
145.99	339.9049	2.1144
147.05	345.1009	2.1293
147.93	350.6216	2.1415
147.99	350.6216	2.1428
148.86	355.0599	2.1563
149.99	358.7404	2.1725
150.68	364.3694	2.182
151.98	369.8901	2.2022
151.99	369.8901	2.2022
152.07	369.8901	2.2049
152.17	369.8901	2.2049
153.7	374.2201	2.2252
153.99	374.2201	2.2292
154.65	374.2201	2.24
155.17	374.2201	2.2481
155.99	377.7924	2.2589
156.83	383.4214	2.2711
157.67	388.9421	2.2832
157.99	388.9421	2.2873
158.89	392.9474	2.3008
159.92	398.4681	2.3156
159.99	398.4681	2.3183
160.95	403.6641	2.3305
161.96	409.1849	2.3453
161.99	409.1849	2.3467
162.84	413.2984	2.3575
163.99	415.0304	2.375
164.68	420.5511	2.3858
165.88	426.0719	2.402
165.99	426.0719	2.4034
166.83	430.8349	2.4169
167.99	432.6751	2.4331
168.8	438.1959	2.4453
169.56	443.7166	2.4547
169.99	443.7166	2.4615
170.75	448.1549	2.475
171.76	453.6756	2.4871
171.99	454.3251	2.4925
173.34	459.8459	2.5101
173.99	462.4439	2.5195
175.56	467.8564	2.5425
175.99	467.8564	2.5492
176.94	473.0524	2.5627
177.83	478.5731	2.5762
177.99	478.5731	2.5789
178.35	478.5731	2.583
178.42	478.5731	2.583
179.28	483.9856	2.5965

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.94	279.4887	1.65
111.99	279.4887	1.6513
112.97	281.9744	1.6648
113.85	284.6155	1.6783
113.99	284.6155	1.681
114.38	287.3084	1.6851
115.05	289.9495	1.6972
115.86	292.6423	1.7067
115.99	292.6423	1.7094
116.54	294.9209	1.7175
116.83	294.9209	1.7215
116.94	294.9209	1.7215
117.2	297.6138	1.7269
117.99	298.8049	1.7391
118.62	301.4977	1.7485
119.29	304.1388	1.758
119.99	305.537	1.7674
120.32	308.2299	1.7728
121.02	310.871	1.7823
121.99	313.3567	1.7971
122.6	315.9978	1.8052
122.77	315.9978	1.8066
122.88	315.9978	1.8079
123.18	318.6907	1.812
123.98	321.3317	1.8255
123.99	321.3317	1.8255
124.52	323.2996	1.8323
124.83	323.2996	1.8377
124.94	323.2996	1.8377
125.3	325.9407	1.8431
125.99	326.9764	1.8539
126.1	329.6693	1.8552
127.02	332.3104	1.8687
127.64	334.9514	1.8782
127.99	334.9514	1.8836
128.3	337.2818	1.8876
129.02	339.9229	1.8984
129.76	342.564	1.9092
129.99	342.9265	1.9119
130.52	345.5676	1.92
131.18	348.2086	1.9295
131.99	350.3319	1.9416
132.62	352.9729	1.9511
133.22	355.614	1.9592
133.99	357.3748	1.97
135.99	357.3748	1.9997
136.55	359.239	2.0078
136.74	359.239	2.0105
136.89	359.239	2.0118
137.16	361.8801	2.0159
137.67	364.5212	2.024
137.99	364.5212	2.028
138.38	367.1623	2.0334
139.05	369.8034	2.0429

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.18	141.1842	1.7539
117.21	141.1842	1.7553
117.44	141.1842	1.7566
117.9	144.1232	1.7647
117.99	144.7449	1.7647
118.93	147.6274	1.7796
119.73	150.5664	1.7904
119.99	151.5272	1.7944
120.69	154.4662	1.8039
121.09	157.4051	1.8093
121.91	160.2876	1.8228
121.99	160.2876	1.8228
122.34	160.2876	1.8282
122.52	160.2876	1.8296
122.55	162.4353	1.8296
123.05	165.3743	1.8377
123.79	168.2568	1.8498
123.99	168.6524	1.8525
124.51	171.5914	1.8593
125.15	174.4739	1.8687
125.51	177.4128	1.8755
125.99	177.8085	1.8809
126.56	180.7475	1.8876
126.77	183.6299	1.893
127.63	186.5689	1.9038
127.99	186.5689	1.9092
128.5	189.0557	1.916
128.61	191.9947	1.9187
129.09	194.9337	1.9268
129.83	197.8162	1.9376
129.99	198.0422	1.9389
130.38	198.0422	1.9457
130.5	198.0422	1.9443
130.57	200.9247	1.9457
131.03	203.8637	1.9538
131.81	206.7462	1.9659
131.99	207.3679	1.9686
132.51	210.2503	1.9754
132.61	213.1893	1.9754
133.52	216.0718	1.9902
133.87	219.0108	1.9956
133.93	219.0108	1.997
133.99	219.0108	1.997
134.06	219.0108	1.997
134.53	220.9324	2.0037
134.75	223.8714	2.0078
135.46	226.7538	2.0186
135.95	229.6928	2.0253
135.99	229.8624	2.0253
136.34	229.8624	2.0321
136.52	229.8624	2.0307
136.55	232.8014	2.0321
136.89	235.7404	2.0388
137.67	238.6228	2.0496

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
185.64	461.3629	2.6964
185.98	462.0291	2.7018
187.98	464.694	2.7315
188.73	473.1884	2.741
188.86	473.1884	2.7437
189.21	473.1884	2.7491
189.98	473.1884	2.7612
191.39	481.5163	2.7801
191.98	482.1825	2.7882
193.33	490.5104	2.8085
193.98	492.1759	2.8179
195.68	500.6703	2.8422
195.98	500.6703	2.8476
196.75	505.1674	2.8571
197.98	505.1674	2.876
198.74	512.9956	2.8854
199.98	517.9923	2.9057
200.24	517.9923	2.9097
200.68	517.9923	2.9138
201.98	522.989	2.934
203.49	531.4834	2.9556
203.98	531.9831	2.9624
204.54	531.9831	2.9732
204.62	531.9831	2.9732
204.68	531.9831	2.9732
204.72	531.9831	2.9705
205.86	540.3109	2.9907
205.98	540.3109	2.9921
206.58	540.3109	3.0015
206.65	540.3109	3.0002
206.75	545.4742	3.0029
207.98	545.4742	3.0204
208.47	545.4742	3.0312
208.62	545.4742	3.0285
208.76	550.9706	3.0326
209.98	554.3017	3.0502
211.98	559.7981	3.0785
212.98	568.2925	3.0934
213.98	568.2925	3.1096
214.9	576.6203	3.1217
215.19	576.6203	3.1258
215.54	576.6203	3.1298
215.98	576.6203	3.1379
216.55	576.6203	3.1474
216.67	576.6203	3.1447
217.6	583.2826	3.1609
217.98	583.7823	3.1663
219.98	589.7783	3.1946
221.79	598.2727	3.2216
221.98	598.2727	3.2243
222.8	602.1036	3.2351
223.98	602.1036	3.2527
225.32	610.4314	3.2716
225.98	611.4307	3.2824

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
179.99	486.1506	2.6073
180.89	491.6714	2.6208
181.99	496.8674	2.6356
183.23	502.2799	2.6545
183.99	504.4449	2.6653
185.45	509.9656	2.6856
185.98	509.9656	2.695
186.86	514.6204	2.7058
187.98	516.7854	2.7234
189.08	522.3061	2.7396
189.98	524.4711	2.7531
190.64	529.9918	2.7612
191.98	533.5641	2.7801
193.5	539.0848	2.8017
193.98	539.0848	2.8098
194.2	543.0901	2.8112
194.32	543.0901	2.8139
194.68	543.0901	2.8193
195.98	545.9046	2.8395
197.11	551.3171	2.8557
197.98	552.7243	2.8679
199.1	558.2451	2.8827
199.98	561.1678	2.8976
200.95	566.5803	2.9111
201.98	569.0701	2.9259
202.26	574.5908	2.93
202.32	574.5908	2.9313
202.88	574.5908	2.9381
203.98	578.1631	2.9556
205.34	583.6838	2.9745
205.98	583.6838	2.9826
207.15	589.0963	3.0002
207.98	590.0706	3.011
209.82	595.8078	3.0393
209.98	595.8078	3.042
210.87	599.0553	3.0556
211.98	600.4626	3.0704
212.63	605.9833	3.0799
213.98	608.3648	3.1001
215.17	613.8856	3.1163
215.98	613.8856	3.1285
217.98	613.8856	3.1582
218.21	614.3186	3.1609
218.32	614.3186	3.1636
219.01	614.3186	3.1717
219.98	614.8598	3.1892
220.99	620.3806	3.2014
221.98	620.3806	3.2162
223.62	620.3806	3.2392
223.93	620.3806	3.2432
223.98	620.3806	3.2446
224.71	624.3858	3.2554
225.98	625.0353	3.2729
227.98	627.8498	3.3026

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.93	372.4445	2.055
139.99	372.4445	2.0564
140.65	374.723	2.0672
141.38	377.4159	2.0766
141.99	377.4159	2.0861
142.92	379.7981	2.0996
143.44	382.4391	2.1077
143.99	382.957	2.1144
144.18	385.6499	2.1185
144.96	388.291	2.1307
145.64	390.932	2.1388
145.99	390.932	2.1442
146.28	393.366	2.1482
147.1	396.0071	2.1604
147.79	398.6481	2.1698
147.99	398.6481	2.1712
148.35	400.7714	2.1779
149.03	403.4125	2.1874
149.87	406.0535	2.2009
149.99	406.5714	2.2022
150.67	409.2125	2.213
150.75	409.2125	2.2117
151	409.2125	2.2157
151.32	411.8536	2.2211
151.99	412.5268	2.2306
152.29	415.1679	2.236
152.99	417.8089	2.2441
153.59	420.45	2.2549
153.99	421.1232	2.2589
154.51	423.7643	2.267
154.76	423.7643	2.2711
154.85	423.7643	2.2724
155.27	426.4054	2.2778
155.99	428.5286	2.2886
156.61	431.1697	2.2967
157.31	433.759	2.3075
157.99	435.0019	2.3183
158.51	437.643	2.3264
159.39	440.2323	2.3372
159.95	442.8733	2.3467
159.99	442.8733	2.3467
160.83	445.1519	2.3588
161.39	447.793	2.3669
161.99	448.8287	2.3764
162.37	451.4698	2.3818
163.06	454.1109	2.3912
163.88	456.7002	2.4034
163.99	456.7002	2.4047
164.3	458.9788	2.4088
165.01	461.6198	2.4196
165.51	464.2609	2.4277
165.99	465.452	2.4331
166.65	468.0931	2.4426
167.37	470.7342	2.4534

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
137.99	241.5618	2.055
137.99	241.5618	2.055
138.58	244.2747	2.0618
139.18	247.1572	2.0712
139.53	250.0962	2.0766
139.99	251.0005	2.0847
140.38	251.0005	2.0915
140.5	251.0005	2.0901
140.54	253.9394	2.0901
140.57	256.8784	2.0928
141.26	259.7609	2.1023
141.62	262.6999	2.1077
141.99	264.3954	2.1131
142.56	267.3344	2.1198
143.02	270.2169	2.1279
143.4	273.1559	2.1334
143.99	274.6819	2.1415
144.37	274.6819	2.1482
144.5	274.6819	2.1469
144.51	277.5643	2.1509
144.64	280.5033	2.1509
145.36	283.3858	2.1617
145.69	286.3248	2.1671
145.99	286.89	2.1698
146.51	289.7724	2.1793
146.68	292.7114	2.1793
147.06	295.5939	2.186
147.86	298.5329	2.1982
147.99	298.7024	2.2009
148.5	301.5849	2.2063
148.68	304.5239	2.209
149.14	307.4063	2.2171
149.58	310.3453	2.2225
149.65	310.3453	2.2238
149.76	310.3453	2.2252
149.99	310.9105	2.2279
150.17	313.793	2.2319
150.27	313.793	2.236
150.29	313.793	2.2346
150.34	313.793	2.236
150.36	313.793	2.2373
150.4	313.793	2.2387
150.43	313.793	2.2373
150.47	313.793	2.2373
150.61	313.793	2.2346
150.62	313.793	2.236
150.64	313.793	2.236
150.66	313.793	2.2346
150.67	313.793	2.2346
150.68	313.793	2.2346
150.69	313.793	2.236
150.71	316.7319	2.236
150.76	319.6144	2.24
151.64	322.4969	2.2522

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
227.5	619.9252	3.304
227.98	619.9252	3.3107
228.55	619.9252	3.3202
228.67	619.9252	3.3229
229.98	623.5894	3.3404
230.72	632.0838	3.3499
231.98	632.0838	3.3688
232.58	632.0838	3.3783
232.65	632.0838	3.3756
232.79	638.0799	3.381
233.98	640.2451	3.3972
235.98	645.7415	3.4269
237.83	654.0693	3.4539
237.98	654.0693	3.4552
239.43	660.7316	3.4768
239.98	660.7316	3.4849
240.7	666.228	3.4944
241.98	667.8936	3.5119
242.82	676.2214	3.5254
243.98	678.3867	3.5416
245.32	686.7145	3.5619
245.98	687.2142	3.5727
246.76	695.7086	3.5821
247.4	695.7086	3.5929
247.46	695.7086	3.5916
247.98	695.7086	3.601
248.7	702.2043	3.6105
249.98	705.5354	3.6294
250.55	705.5354	3.6388
250.65	705.5354	3.6388
251.63	713.8633	3.6524
251.98	714.8626	3.6591
252.54	714.8626	3.6672
252.65	714.8626	3.6672
253.77	723.1905	3.6834
253.85	723.1905	3.6848
253.96	723.1905	3.6888
253.98	723.1905	3.6875
254.73	727.0213	3.6983
255.98	728.0206	3.7172
257.09	736.5151	3.732
257.98	736.5151	3.7455
258.89	744.1767	3.7577
259.98	745.176	3.7739
260.44	745.176	3.782
260.6	745.176	3.7833
261.71	753.5039	3.7995
261.98	754.0035	3.8036
263.43	762.8311	3.8238
263.98	762.8311	3.8319
264.79	766.1622	3.8427
265.98	766.1622	3.863
266.31	773.8238	3.8657
266.46	773.8238	3.8697

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
228.7	633.2623	3.3134
228.91	633.2623	3.3161
229.03	633.2623	3.3188
229.98	634.2366	3.331
230.38	634.2366	3.3377
230.48	634.2366	3.3377
230.73	639.7573	3.3418
231.98	641.0563	3.3621
232.17	646.5771	3.3634
232.31	646.5771	3.3661
232.57	646.5771	3.3688
233.77	651.9896	3.3864
233.98	651.9896	3.3904
234.1	655.6701	3.3904
234.27	655.6701	3.3958
234.87	655.6701	3.4026
235.98	655.6701	3.4188
236.74	660.2166	3.4296
237.98	661.5156	3.4471
238.74	667.0363	3.4593
239.98	668.0106	3.4768
241.24	673.7478	3.4944
241.98	674.3973	3.5052
243.18	680.1346	3.5227
243.98	680.1346	3.5349
244.84	685.1141	3.547
245.98	688.3616	3.5632
247.98	692.5833	3.5916
249.86	698.2123	3.6186
249.98	698.6453	3.6226
251.44	704.3825	3.6429
251.98	704.3825	3.6524
252.65	707.197	3.6605
253.98	708.496	3.6807
254.11	714.0168	3.6807
255.93	719.6458	3.7077
255.98	719.6458	3.7091
256.9	722.5685	3.7212
257.98	724.6253	3.7374
259.98	728.414	3.7671
261.98	728.5223	3.7968
262.12	734.043	3.7968
263.98	734.043	3.8252
264.08	737.94	3.8252
265.72	743.569	3.8495
265.98	743.569	3.8535
267.38	748.1155	3.8738
267.98	748.1155	3.8819
268.25	751.363	3.8859
268.35	751.363	3.8873
268.68	751.363	3.8927
269.98	751.363	3.9129
271.56	756.8838	3.9345
271.98	756.8838	3.9399

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.97	473.3753	2.4628
167.99	473.3753	2.4628
168.41	475.6538	2.4682
169.35	478.2431	2.4817
169.99	479.2788	2.4912
170.64	481.8681	2.502
171.59	484.5092	2.5155
171.99	484.8199	2.5209
173.06	487.4092	2.5371
173.99	488.9628	2.5492
174.61	491.5521	2.5587
174.78	491.5521	2.5614
174.89	491.5521	2.5627
175.37	494.1932	2.5695
175.99	495.9021	2.5789
176.55	498.5432	2.587
177.25	501.1843	2.5978
177.82	503.7736	2.6059
177.99	503.7736	2.6073
178.35	506.2593	2.6127
179.03	508.8486	2.6235
179.57	511.4897	2.6302
179.99	513.0433	2.637
180.84	515.6844	2.6491
181.25	518.2737	2.6545
181.99	520.0344	2.6667
182.6	522.6237	2.6748
183.03	525.2648	2.6802
183.7	527.9058	2.691
183.99	528.0612	2.6937
184.31	530.7023	2.6991
185.04	533.2916	2.7099
185.78	535.8809	2.7207
185.98	535.8809	2.7234
186.63	535.8809	2.7328
186.64	535.8809	2.7328
186.65	535.8809	2.7342
186.66	535.8809	2.7342
186.67	535.8809	2.7355
186.68	535.8809	2.7355
186.7	535.8809	2.7355
186.73	535.8809	2.7342
186.88	535.8809	2.7369
187.65	535.8809	2.7491
187.98	535.8809	2.7518
188.4	535.8809	2.7585
188.85	535.8809	2.7653
189.18	535.8809	2.7693
189.62	535.8809	2.7761
189.98	535.8809	2.7815
190.38	535.8809	2.7869
190.83	535.8809	2.7936
191.32	537.0202	2.8017
191.74	539.6613	2.8071

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
151.99	324.0229	2.2576
152.33	324.0229	2.263
152.48	324.0229	2.263
152.52	326.9053	2.267
152.82	329.8443	2.2697
153.22	332.7268	2.2751
153.86	335.6658	2.2846
153.99	336.6266	2.2873
154.56	339.5091	2.294
154.76	342.3915	2.2981
155.24	345.3305	2.3048
155.82	348.213	2.3143
155.99	348.5521	2.317
156.51	351.4911	2.3237
156.68	354.3735	2.3251
157.04	357.3125	2.3305
157.64	360.195	2.3399
157.99	361.5514	2.344
158.49	364.4339	2.3507
158.56	367.3164	2.3534
159.04	370.1988	2.3602
159.46	373.1378	2.3669
159.52	373.1378	2.3669
159.6	373.1378	2.3683
159.99	375.229	2.3737
160.54	378.1115	2.3804
160.67	381.0505	2.3831
161.13	383.9329	2.3912
161.74	386.8154	2.3993
161.99	388.1718	2.4034
162.53	391.0543	2.4088
162.59	393.9368	2.4101
163.19	396.8192	2.4196
163.59	399.7582	2.4263
163.99	402.019	2.4318
164.55	404.958	2.4385
164.77	407.8404	2.4426
165.13	410.7229	2.448
165.55	413.6053	2.4547
165.77	416.5443	2.4574
165.99	416.8834	2.4601
166.32	416.8834	2.4669
166.47	416.8834	2.4669
166.54	419.7659	2.4669
166.67	422.7049	2.4709
167.25	425.5874	2.479
167.76	428.4698	2.4858
167.99	430.3915	2.4898
168.54	433.2739	2.4979
168.73	436.1564	2.4993
169.32	439.0389	2.5087
169.54	441.9213	2.5128
169.99	442.7126	2.5182
170.2	445.595	2.5209

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
266.71	773.8238	3.8711
267.98	776.9884	3.89
268.73	785.4828	3.9008
269.98	786.3156	3.9197
270.73	794.81	3.9305
271.98	795.1431	3.9508
273.98	801.1392	3.9791
275.05	809.467	3.9926
275.98	809.467	4.0061
276.73	817.7949	4.0169
277.98	819.2939	4.0345
278.51	819.2939	4.0439
278.64	819.2939	4.0439
279.98	819.2939	4.0642
280.28	827.4552	4.0682
281.98	831.1194	4.0939
282.73	839.4473	4.1033
283.98	841.1128	4.1222
284.8	849.4407	4.133
285.98	853.105	4.1519
287.98	855.7699	4.1816
288.86	864.0977	4.1924
289.98	864.0977	4.21
290.28	871.2597	4.214
290.35	871.2597	4.2154
290.68	871.2597	4.2194
291.98	871.2597	4.237
292.72	879.2544	4.2478
293.98	880.7534	4.2681
294.71	889.2478	4.2775
295.03	889.2478	4.2829
295.3	889.2478	4.2856
295.98	889.2478	4.2964
296.45	889.2478	4.3032
296.64	889.2478	4.3059
297.98	893.7449	4.3248
298.43	893.7449	4.3329
298.53	893.7449	4.3329
299.69	902.5724	4.3504
299.98	902.5724	4.3545
300.82	909.0681	4.3666
301.15	909.0681	4.372
301.34	909.0681	4.3734
301.48	909.0681	4.3774
301.58	909.0681	4.3774
301.98	909.0681	4.3828
302.41	909.0681	4.3882
302.57	909.0681	4.3923
303.57	909.0681	4.4071
303.98	909.0681	4.4112
304.33	909.0681	4.4179
304.4	909.0681	4.4193
305.73	909.0681	4.4382
305.97	909.0681	4.4422

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
273.58	760.3478	3.9643
273.98	760.3478	3.9697
275.26	764.8943	3.9886
275.37	764.8943	3.9899
275.66	764.8943	3.994
275.98	765.5438	3.998
277.98	769.6573	4.0277
279.76	775.2863	4.0534
279.98	775.2863	4.0561
280.41	777.4513	4.0628
281.98	779.075	4.0844
282.07	784.5958	4.0858
282.5	784.5958	4.0925
282.89	784.5958	4.0979
283.98	786.2195	4.1128
285.14	791.9568	4.1317
285.98	793.2558	4.1425
286.19	798.7765	4.1465
286.32	798.7765	4.1479
287.41	798.993	4.1627
287.57	798.993	4.1654
287.98	798.993	4.1722
289.88	801.591	4.1992
289.98	801.591	4.2005
290.06	802.9983	4.2005
291.98	805.3798	4.2302
293.74	811.0088	4.2546
293.98	811.0088	4.2586
295.48	814.4728	4.2802
295.98	814.4728	4.2883
296.78	818.2615	4.3005
296.83	818.2615	4.3005
297.12	818.2615	4.3045
297.98	818.2615	4.3167
299.5	823.7823	4.3383
299.98	823.7823	4.3464
300.29	823.7823	4.3504
300.35	823.7823	4.3504
301.98	823.7823	4.3761
303.04	823.7823	4.3896
303.12	823.7823	4.3923
303.98	823.7823	4.4058
304.72	823.7823	4.4152
305.77	823.7823	4.4287
305.97	823.7823	4.4341
307.11	828.3288	4.4503
307.97	828.3288	4.4611
308.16	831.468	4.4638
308.3	831.468	4.4652
308.41	831.468	4.4665
309.97	835.5815	4.4908
311.55	841.2105	4.5138
311.97	841.2105	4.5205
313.01	844.3498	4.5354

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
191.95	542.3023	2.8098
191.98	542.3023	2.8112
192.46	544.5809	2.8179
193.09	547.222	2.826
193.42	549.8113	2.8328
193.51	549.8113	2.8341
193.69	549.8113	2.8341
193.98	549.9667	2.8395
194.16	552.6077	2.8422
194.26	552.6077	2.8436
194.33	552.6077	2.8449
194.66	555.2488	2.8503
194.73	555.2488	2.8517
194.83	555.2488	2.853
195.29	557.8381	2.8584
195.98	560.4792	2.8679
196.56	563.0685	2.8773
197.07	565.7096	2.8827
197.79	568.2989	2.8935
197.98	568.8167	2.8976
198.55	571.406	2.9043
198.69	571.406	2.9084
198.88	571.406	2.9097
199.14	573.9953	2.9138
199.86	576.6364	2.9246
199.98	576.6364	2.9273
200.12	578.3453	2.9286
200.84	580.9346	2.9394
201.34	583.5757	2.9462
201.98	584.7668	2.9556
202.98	587.5115	2.9705
203.98	587.5115	2.984
204.38	589.8418	2.9907
205	592.4829	2.9988
205.44	595.0722	3.0056
205.51	595.0722	3.0056
205.64	595.0722	3.0083
205.98	595.5901	3.0137
206.76	598.1794	3.0231
207.06	600.7687	3.0299
207.66	603.4097	3.038
207.98	603.4097	3.0421
208.12	605.999	3.0448
208.94	608.7437	3.0569
209.49	611.3848	3.0637
209.98	611.6955	3.0718
210.42	614.2848	3.0785
210.98	616.9259	3.0853
211.62	619.6705	3.0961
211.98	620.3437	3.1001
212.43	622.9848	3.1069
212.57	622.9848	3.1096
212.62	622.9848	3.1082
212.7	622.9848	3.1109

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
170.32	445.595	2.5249
170.49	445.595	2.5249
170.59	448.4775	2.5276
170.87	451.36	2.5317
171.5	454.2424	2.5398
171.88	457.1249	2.5452
171.99	457.6901	2.5479
172.55	460.5726	2.5546
172.79	463.5115	2.56
173.18	466.394	2.5641
173.7	469.2199	2.5735
173.99	470.4068	2.5762
174.5	473.2893	2.5857
174.58	476.1718	2.5843
175.14	479.0542	2.5938
175.52	481.9367	2.5978
175.99	483.2366	2.6073
176.27	483.2366	2.61
176.56	483.2366	2.6127
177.26	486.1191	2.6235
177.8	488.945	2.6316
177.99	488.945	2.6343
178.16	491.2623	2.637
178.56	494.1448	2.641
178.98	497.0272	2.6478
179.53	499.9097	2.6559
179.85	502.7922	2.6613
179.99	503.9226	2.6653
180.56	506.805	2.6707
180.91	509.6875	2.6775
181.29	512.5699	2.6829
181.82	515.4524	2.6896
181.99	516.1872	2.6923
182.33	516.1872	2.6977
182.48	516.1872	2.6977
182.53	519.0696	2.6991
182.77	521.9521	2.7045
183.05	524.8346	2.7085
183.76	527.717	2.718
183.99	528.2822	2.722
184.08	531.1647	2.722
184.21	531.1647	2.7261
184.43	531.1647	2.7288
184.56	534.0471	2.7288
184.92	536.9296	2.7356
185.58	539.7555	2.745
185.98	540.4903	2.7504
186.34	540.4903	2.7572
186.48	540.4903	2.7545
186.5	543.3728	2.7572
186.56	546.3117	2.7572
187.03	549.1377	2.7653
187.48	552.0201	2.772
187.97	554.9026	2.7788

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
306.69	913.8983	4.4503
307.97	913.8983	4.4706
308.74	922.0595	4.48
309.97	923.5586	4.4989
311.82	923.5586	4.5259
311.97	923.5586	4.5273
313.97	923.5586	4.557
314.48	923.5586	4.5651
314.63	923.5586	4.5665
315.97	927.7225	4.5867
316.4	927.7225	4.5921
316.63	927.7225	4.5948
317.97	932.053	4.6137
319.97	940.7139	4.6434
319.97	940.7139	4.6448
321.97	942.0464	4.6731
323.97	947.8759	4.7028
325.97	951.5401	4.7312
327.97	956.3703	4.7595
329.97	957.7027	4.7892
330.43	957.7027	4.796
330.69	957.7027	4.7973
331.97	957.7027	4.8176
333.4	963.8654	4.8378
333.97	963.8654	4.8459
334.4	963.8654	4.854
334.49	963.8654	4.854
334.58	963.8654	4.8554
334.62	963.8654	4.8567
334.78	970.3611	4.8581
335.01	970.3611	4.8635
335.97	970.3611	4.8757
337.3	975.0247	4.8959
337.35	975.0247	4.8973
337.97	975.0247	4.9054
339.97	975.0247	4.9337
341.48	977.8561	4.9553
341.97	977.8561	4.9634
343.74	984.685	4.9891
343.97	984.685	4.9904
345.56	988.8489	5.0147
345.97	988.8489	5.0215
347.97	988.8489	5.0498
349.44	996.1774	5.0714
349.97	996.1774	5.0782
350.85	999.8417	5.0917
351.97	999.8417	5.1079
353.88	1007.67	5.1349
353.97	1007.67	5.1362
354.39	1007.67	5.143
354.68	1007.67	5.147
355.97	1007.67	5.1659
357.97	1009.835	5.1943
359.97	1009.835	5.224

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
313.97	844.3498	4.5489
314.15	848.5715	4.5502
315.97	848.5715	4.58
316.13	853.4428	4.5786
317.97	854.6335	4.6083
319.97	856.149	4.6367
321.87	861.778	4.6637
321.97	861.778	4.665
323.22	863.077	4.6826
323.97	863.077	4.6961
325.59	868.1648	4.7177
325.94	868.1648	4.7231
325.97	868.1648	4.7217
327.08	868.1648	4.7393
327.4	868.1648	4.7433
327.97	868.1648	4.7528
327.97	868.1648	4.7514
328.07	868.1648	4.7541
328.24	868.1648	4.7555
328.36	868.1648	4.7568
328.45	868.1648	4.7582
329.97	868.1648	4.7798
330.12	868.1648	4.7825
331.91	868.1648	4.8095
331.97	868.1648	4.8108
332.08	868.8143	4.8108
332.2	868.8143	4.8122
333.26	869.0308	4.8284
333.97	870.7628	4.8378
335.25	876.3918	4.8568
335.33	876.3918	4.8581
335.97	876.3918	4.8676
337.97	876.3918	4.8959
339.97	876.3918	4.9256
340.1	876.5	4.927
340.5	876.5	4.9351
341.84	876.5	4.9526
341.97	866.7575	4.954
345.06	861.9945	4.9985
345.97	859.3965	5.0134
347.97	858.747	5.0431
349.97	854.85	5.0714
355.97	853.0098	5.1578
363.94	849.7623	5.274
363.97	849.4375	5.274
364.06	854.85	5.274
364.24	849.3293	5.278
365.97	846.19	5.3023
367.33	851.819	5.3226
367.97	848.1385	5.332
369.97	846.0818	5.3617
371.06	840.561	5.3766
371.91	835.0403	5.3887
371.97	834.6073	5.3887

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
212.8	622.9848	3.1123
213.16	625.5223	3.119
213.98	628.1116	3.1298
214.66	630.7009	3.1393
214.77	630.7009	3.1406
214.92	630.7009	3.1447
215.46	633.2902	3.1501
215.78	635.9313	3.1541
215.98	635.9313	3.1582
216.3	637.1224	3.1622
217.16	639.867	3.1757
217.82	642.4563	3.1852
217.98	642.7671	3.1865
218.56	645.4081	3.1946
219.4	648.1528	3.2068
219.98	648.1528	3.2162
220.12	650.0171	3.2189
220.98	652.7617	3.2311
221.57	655.351	3.2392
221.98	655.8171	3.2446
222.43	658.4582	3.2513
222.72	658.4582	3.2554
222.77	658.4582	3.2567
223.08	661.0475	3.2608
223.82	663.7921	3.2716
223.98	663.7921	3.2743
224.49	665.2939	3.281
225.17	668.0386	3.2918
225.98	668.8672	3.304
226.61	671.4565	3.3121
226.62	674.0975	3.3148
226.62	676.894	3.3148
226.62	679.5351	3.3161
226.64	679.5351	3.3188
226.65	679.5351	3.3161
226.66	679.5351	3.3175
226.67	679.5351	3.3188
226.68	679.5351	3.3188
226.69	679.5351	3.3188
226.69	679.5351	3.3188
226.7	679.5351	3.3188
226.71	679.5351	3.3202
226.71	679.5351	3.3188
226.72	679.5351	3.3215
226.73	679.5351	3.3202
226.73	679.5351	3.3215
226.74	679.5351	3.3215
226.75	679.5351	3.3202
226.75	679.5351	3.3215
226.76	679.5351	3.3215
226.76	679.5351	3.3229
226.77	679.5351	3.3215
226.77	679.5351	3.3215
226.78	679.5351	3.3215

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
187.98	554.9026	2.7788
188.27	554.9026	2.7842
188.48	554.9026	2.7855
188.56	557.559	2.7869
188.82	560.4415	2.7909
189.07	563.3239	2.795
189.66	566.2064	2.8031
189.98	567.902	2.8085
190.33	567.902	2.8139
190.4	567.902	2.8152
190.54	570.7844	2.8152
190.67	573.6669	2.8193
191.21	576.4928	2.826
191.78	579.3753	2.8341
191.98	580.7317	2.8382
192.34	580.7317	2.8436
192.47	580.7317	2.8436
192.54	583.5577	2.8449
192.72	586.4402	2.8476
193.21	589.3226	2.8544
193.74	592.2051	2.8625
193.98	593.505	2.8652
194.39	593.505	2.8733
194.5	593.505	2.8746
194.54	596.3875	2.8733
194.74	599.2134	2.8787
195.08	602.0959	2.8827
195.7	604.9784	2.8908
195.98	606.5044	2.8949
196.35	606.5044	2.9016
196.36	606.5044	2.9003
196.36	609.3303	2.903
196.41	609.3303	2.9043
196.43	609.3303	2.9043
196.45	609.3303	2.9057
196.46	609.3303	2.9043
196.49	609.3303	2.9057
196.51	609.3303	2.9043
196.71	609.3303	2.903
196.73	609.3303	2.903
196.74	609.3303	2.9016
196.75	609.3303	2.903
196.77	609.3303	2.903
196.78	609.3303	2.9043
196.8	612.2128	2.9057
196.9	615.1518	2.9084
197.69	617.9777	2.9192
197.98	618.882	2.9246
198.32	618.882	2.9313
198.46	618.882	2.9286
198.55	621.7645	2.9313
198.83	624.6469	2.9367
199.37	627.4729	2.9448
199.86	630.3553	2.9516

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
360.4	1009.835	5.2308
360.77	1009.835	5.2348
361.84	1009.835	5.251
361.97	1009.835	5.2524
362.38	1009.835	5.2591
362.59	1009.835	5.2591
363.1	1009.835	5.2686
363.97	1009.835	5.2821
364.46	1009.835	5.2888
364.61	1009.835	5.2915
365.97	1009.835	5.3104
367.97	1009.835	5.3401
369.97	1009.835	5.3685
370.46	1009.835	5.3766
370.66	1009.835	5.3779
371.97	1009.835	5.3968
373.97	1009.835	5.4279
374.95	1010.002	5.4414
375.37	1010.002	5.4481
375.83	1010.501	5.4535
375.97	1010.501	5.4549
377.97	1010.501	5.4846
379.97	1012	5.513
380.39	1012	5.5197
380.66	1012.5	5.5238
381.97	1012.5	5.5427
383.97	1009.169	5.571
385.97	1005.505	5.6007
387.22	997.0102	5.6196
387.56	988.6823	5.625
387.57	979.8548	5.6237
387.57	970.8608	5.625
387.58	962.0332	5.625
387.64	953.7054	5.6264

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
373.97	831.1433	5.4184
374.14	836.8805	5.4225
375.97	833.4165	5.4481
377.95	827.6793	5.4765
377.97	827.6793	5.4779
378.1	833.0918	5.4779
378.71	827.571	5.4887
379.48	822.1585	5.4981
379.97	819.1275	5.5062
381.97	815.3388	5.5346
383.95	809.6015	5.5643
383.97	809.2768	5.5643
384.06	815.014	5.5643
385.97	809.818	5.5913
387.97	806.2458	5.621
389.97	804.622	5.6507
391.97	803.2148	5.6777
393.41	797.694	5.7006
393.97	792.6063	5.7087
393.98	786.7608	5.7087
394.12	792.2815	5.706
394.15	797.9105	5.7101
395.05	792.3898	5.7236
395.97	787.6268	5.7371
396.4	793.364	5.7438
396.84	787.8433	5.7506
397.93	782.3225	5.7655
397.97	781.24	5.7655
399.97	781.7813	5.7965
400.71	776.2605	5.8073
400.86	770.5233	5.8087
401.97	765.652	5.8235
402.02	771.3893	5.8249
402.66	765.9768	5.833
403.97	766.1933	5.8546
404.17	771.9305	5.8546
405.97	769.8738	5.8829
407.97	766.085	5.9099
408.03	771.8223	5.9113
408.15	766.085	5.914
408.24	771.8223	5.914
409.65	766.1933	5.9356
409.97	764.4613	5.9383
411.47	758.8323	5.9626
411.97	759.8065	5.9693
413.17	754.2858	5.9855
413.97	752.4455	5.9977
414.28	758.1828	6.0017
415.94	752.5538	6.026
415.97	752.229	6.0287
417.64	746.6	6.0517
417.97	742.27	6.0557
419.24	736.7493	6.076
419.49	742.4865	6.0773

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
226.79	679.5351	3.3229
226.79	679.5351	3.3215
226.8	679.5351	3.3188
226.8	679.5351	3.3202
226.81	679.5351	3.3188
226.82	679.5351	3.3175
226.84	679.5351	3.3175
226.96	679.5351	3.3161
226.98	679.5351	3.3161
226.99	679.5351	3.3148
227	679.5351	3.3161
227.01	679.5351	3.3148
227.02	679.5351	3.3134
227.03	679.5351	3.3134
227.04	679.5351	3.3134
227.04	679.5351	3.3121
227.05	679.5351	3.3134
227.06	679.5351	3.3134
227.06	679.5351	3.3121
227.07	679.5351	3.3134
227.07	679.5351	3.3121
227.08	679.5351	3.3121
227.08	679.5351	3.3121
227.09	679.5351	3.3121
227.1	679.5351	3.3121
227.1	679.5351	3.3121
227.11	679.5351	3.3121
227.11	679.5351	3.3134
227.12	679.5351	3.3134
227.12	679.5351	3.3134
227.13	679.5351	3.3148
227.13	679.5351	3.3148
227.14	679.5351	3.3175
227.15	679.5351	3.3202
227.98	679.5351	3.3337
228.98	679.5351	3.3472
229.5	680.6744	3.354
229.98	681.8654	3.3621
230.81	684.6101	3.3742
231.21	687.1994	3.3796
231.98	688.9083	3.3904
232.45	691.4976	3.3972
233.1	694.0869	3.4053
233.73	696.8316	3.4174
233.98	697.1423	3.4201
234.64	699.8869	3.4296
235.42	702.6316	3.4404
235.96	705.428	3.4485
235.98	705.428	3.4498
236.6	707.6548	3.4566
237.26	710.3995	3.466
237.94	713.1441	3.4755
237.98	713.1441	3.4768
238.84	715.6817	3.489

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
199.98	630.3553	2.9529
200.52	632.9552	2.9597
200.66	635.8942	2.9624
201.36	638.7201	2.9732
201.65	641.6026	2.9772
201.98	642.5069	2.9813
202.36	642.5069	2.988
202.45	642.5069	2.9894
202.53	645.3894	2.988
202.66	648.2718	2.9921
203.14	651.0978	2.9988
203.76	653.9237	3.0083
203.98	655.8454	3.011
204.25	655.8454	3.0164
204.47	655.8454	3.0191
204.53	658.6713	3.0191
204.9	661.5538	3.0245
205.22	664.4362	3.0285
205.53	664.4362	3.0339
205.98	664.4362	3.0407
206.29	664.4362	3.0475
206.49	664.4362	3.0461
206.52	664.4362	3.0488
207.11	665.9623	3.0556
207.51	668.8447	3.0623
207.98	670.3142	3.0704
208.48	673.1967	3.0772
208.58	676.0791	3.0772
208.94	678.9616	3.0826
209.53	681.7875	3.092
209.98	683.257	3.0988
210.35	683.257	3.1028
210.41	683.257	3.1042
210.53	686.1395	3.1055
210.67	689.022	3.1082
211.11	691.8479	3.115
211.57	694.6739	3.1217
211.98	695.239	3.1271
212.49	698.065	3.1339
212.57	700.9475	3.1366
212.89	703.8299	3.1406
213.43	706.6559	3.1487
213.98	707.7297	3.1582
214.31	707.7297	3.1622
214.46	707.7297	3.1609
214.54	710.6122	3.1636
214.87	713.4947	3.169
215.37	716.3206	3.1757
215.75	719.1465	3.1825
215.98	719.1465	3.1852
216.34	719.1465	3.1906
216.46	719.1465	3.1906
216.54	720.4465	3.1933
217.24	723.442	3.2041

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
419.58	736.7493	6.0814
419.63	731.012	6.0814
419.83	736.7493	6.0814
419.86	742.4865	6.0828
419.97	738.4813	6.0855
420.17	740.2133	6.0882

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
239.42	718.4263	3.4984
239.62	721.0674	3.5011
239.98	721.0674	3.5065
240.35	722.9317	3.5106
241.1	725.6763	3.5227
241.91	728.3692	3.5349
241.98	728.3692	3.5349
242.21	729.4567	3.5376
243.13	732.1496	3.5524
243.93	734.8942	3.5632
243.98	734.8942	3.5646
244.65	737.5871	3.574
245.4	740.3318	3.5835
245.78	740.3318	3.5902
245.91	740.3318	3.5916
245.98	740.3318	3.5929
246.24	742.5586	3.597
247.06	745.2514	3.6091
247.86	747.9961	3.6199
247.94	747.9961	3.6213
247.98	747.9961	3.6213
248.25	748.0997	3.6267
249.01	750.8443	3.6375
249.73	753.589	3.6483
249.98	753.7443	3.6524
250.59	756.3336	3.6591
251.97	758.9747	3.6807
251.98	758.9747	3.6807
252.46	760.6836	3.6861
253.47	763.3765	3.701
253.98	764.7229	3.7091
255.79	767.3122	3.7361
255.98	767.3122	3.7374
256.51	769.9015	3.7455
257.77	772.5426	3.7644
257.94	772.5426	3.7671
257.98	772.5426	3.7658
258.51	772.5426	3.7739
259.76	774.9248	3.7928
259.98	774.9248	3.7968
260.14	776.8408	3.7982
260.22	776.8408	3.7995
260.35	776.8408	3.8022
261.09	779.5337	3.8117
261.83	782.2266	3.8238
261.98	782.2266	3.8252
262.71	784.7641	3.8373
263.42	787.5087	3.8454
263.98	787.5087	3.8535
264.58	787.5087	3.8616
264.62	787.5087	3.863
265.4	789.373	3.8751
265.98	789.373	3.8832
266.32	791.2373	3.8873

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
217.84	726.2679	3.2122
217.98	726.2679	3.2135
218.3	726.2679	3.2203
218.46	726.2679	3.2203
218.5	728.1331	3.2203
218.55	731.0155	3.223
219.39	734.011	3.2338
219.9	736.837	3.2419
219.98	736.837	3.2432
220.54	739.6629	3.2513
220.8	742.5454	3.2554
221.6	745.5409	3.2662
221.98	746.6713	3.2716
222.25	746.6713	3.277
222.46	746.6713	3.2783
222.52	749.4972	3.2797
222.86	752.3231	3.2851
223.68	755.3186	3.2972
223.98	755.3186	3.3013
224.24	755.3186	3.3053
224.49	755.3186	3.3067
224.51	758.1446	3.308
225.26	761.1401	3.3188
225.98	762.214	3.331
226.31	762.214	3.335
226.45	762.214	3.335
226.54	765.0399	3.3377
226.68	767.8658	3.3404
227.5	770.8613	3.3526
227.98	771.2005	3.3607
228.26	771.2005	3.3648
228.44	771.2005	3.3634
228.54	774.0264	3.3661
228.98	776.9089	3.3729
229.83	779.8478	3.385
229.98	779.8478	3.3877
230.23	779.8478	3.3918
230.45	779.8478	3.3945
230.56	782.6738	3.3972
231.03	785.4997	3.4039
231.98	787.4779	3.4174
232.27	787.4779	3.4215
232.45	787.4779	3.4215
232.53	790.3038	3.4242
233.09	793.3559	3.4323
233.2	793.3559	3.435
233.32	793.3559	3.4363
233.98	795.1645	3.4471
234.08	795.1645	3.4485
234.22	795.1645	3.4498
234.3	795.1645	3.4525
234.41	795.1645	3.4525
234.51	795.1645	3.4525
234.61	795.1645	3.4552

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
266.7	791.2373	3.894
266.74	791.2373	3.894
267.75	791.2373	3.9102
267.98	791.2373	3.9116
268.95	791.2373	3.9264
269.06	791.2373	3.9264
269.95	791.2373	3.9399
269.98	791.2373	3.9413
270.74	793.3088	3.9521
270.97	793.3088	3.9562
271.09	793.3088	3.9575
271.3	793.3088	3.9602
271.36	793.3088	3.9616
271.98	793.3088	3.9697
272.04	794.3963	3.971
273.17	794.3963	3.9872
273.98	794.3963	3.9994
275.74	795.5356	4.025
275.98	795.5356	4.0277
276.62	797.7106	4.0372
276.67	797.7106	4.0385
276.84	797.7106	4.0399
276.95	797.7106	4.0426
277.16	797.7106	4.0453
277.27	797.7106	4.0466
277.48	797.7106	4.0493
277.98	798.0213	4.0574
278.74	800.7659	4.0682
279.6	803.4588	4.0817
279.82	803.4588	4.0844
279.87	803.4588	4.0844
279.98	803.4588	4.0858
280.36	805.116	4.0912
280.71	805.116	4.0966
280.79	805.116	4.0966
281.98	807.1874	4.1141
283.12	809.8803	4.1317
283.98	810.6571	4.1438
284.48	813.3499	4.1519
284.53	813.3499	4.1519
284.85	813.3499	4.156
285.98	814.2303	4.1735
286.18	814.2303	4.1762
286.23	814.2303	4.1776
287.27	816.8714	4.1924
287.98	817.1303	4.2019
289.81	819.875	4.2289
289.98	819.875	4.2302
291.77	822.4643	4.2572
291.92	822.4643	4.2586
291.98	822.4643	4.26
293.09	822.9821	4.2748
293.98	822.9821	4.2897
294.21	822.9821	4.2924

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
235.61	798.0469	3.4687
235.98	798.0469	3.4755
236.33	798.0469	3.4795
236.45	798.0469	3.4809
236.53	800.6468	3.4822
236.72	803.4728	3.4863
237.26	806.2987	3.493
237.98	808.8986	3.5038
238.2	808.8986	3.5092
238.24	808.8986	3.5079
238.3	808.8986	3.5092
238.38	808.8986	3.5092
238.45	808.8986	3.5079
238.46	808.8986	3.5106
238.51	808.8986	3.5092
238.53	808.8986	3.5119
238.89	811.668	3.5173
239.69	814.6635	3.5281
239.98	814.6635	3.5335
240.51	816.4721	3.5403
240.8	819.3546	3.5443
241.5	822.3501	3.5551
241.87	825.176	3.5605
241.98	825.176	3.5619
242.31	825.176	3.5673
242.41	825.176	3.5673
242.51	827.0411	3.5686
242.76	829.8671	3.5727
243	829.8671	3.5767
243.13	829.8671	3.5794
243.87	832.8061	3.5889
243.98	833.1452	3.5916
244.3	833.1452	3.5956
244.49	833.1452	3.597
244.58	835.9711	3.5997
245.98	837.3276	3.6199
246.22	837.3276	3.6253
246.3	837.3276	3.6253
246.37	837.3276	3.6253
246.49	837.3276	3.6267
247.12	840.2666	3.6375
247.98	842.2447	3.651
248.22	842.2447	3.6537
248.47	842.2447	3.6564
248.55	845.0707	3.6564
249.45	848.0662	3.6699
249.98	848.914	3.678
250.24	848.914	3.6821
250.48	848.914	3.6848
250.55	851.7399	3.6861
251.45	854.6789	3.6996
251.98	854.6789	3.7077
252.26	854.6789	3.7104
252.44	854.6789	3.7131

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
294.28	822.9821	4.2924
295.3	825.5196	4.3086
295.72	825.5196	4.314
295.98	825.5196	4.318
296.43	825.5196	4.3234
296.48	825.5196	4.3248
297.54	826.8143	4.3396
297.65	826.8143	4.3423
297.74	826.8143	4.3437
297.98	826.8143	4.3477
298.32	827.7464	4.3518
298.85	827.7464	4.3599
299.98	827.7464	4.3761
301.17	827.7464	4.3936
301.24	827.7464	4.395
301.98	827.7464	4.4058
303.13	828.5232	4.4206
303.65	828.5232	4.4301
303.98	828.5232	4.4341
304.14	828.575	4.4355
305.93	828.575	4.4625
305.97	828.575	4.4611
306.03	828.8857	4.4638
306.21	828.8857	4.4665
306.36	828.8857	4.4679
306.64	828.8857	4.4719
306.7	828.8857	4.4733
306.97	828.8857	4.4773
307.03	828.8857	4.4773
307.97	829.3	4.4935
308.67	829.3	4.5016
308.74	829.3	4.5043
308.94	829.3	4.507
309.01	823.966	4.507
309.1	826.5553	4.507
309.51	823.9143	4.5138
309.57	826.5036	4.5138
309.97	825.2607	4.5205
310.71	822.516	4.5313
310.8	825.1053	4.5327
311.97	824.1214	4.5489
313.35	826.7107	4.5692
313.41	824.1214	4.5705
313.97	825.2607	4.5773
314.99	822.516	4.5935
315.24	825.1053	4.5962
315.97	825.5196	4.607
316.57	822.8268	4.6164
316.62	825.4678	4.6164
317.97	825.1053	4.6367
319.26	827.7464	4.6556
319.41	825.1053	4.6569
319.92	827.7982	4.665
319.97	826.2446	4.665

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
252.56	856.8831	3.7145
252.93	859.8786	3.7212
253.98	859.8786	3.7347
254.11	862.1959	3.7388
254.18	862.1959	3.7401
254.26	862.1959	3.7401
254.39	862.1959	3.7428
254.51	862.1959	3.7428
254.66	865.0218	3.7455
255.46	868.0173	3.7577
255.7	868.0173	3.7617
255.84	868.0173	3.7617
255.98	868.0173	3.7644
256.02	868.8651	3.7658
256.21	868.8651	3.7698
256.3	868.8651	3.7685
256.38	868.8651	3.7712
256.44	868.8651	3.7725
256.5	871.6911	3.7712
257.14	874.6866	3.782
257.24	874.6866	3.782
257.29	874.6866	3.7847
257.82	874.6866	3.7914
257.98	874.6866	3.7955
258.22	874.6866	3.7982
258.27	874.6866	3.8009
258.32	874.6866	3.7995
258.44	874.6866	3.7982
258.45	874.6866	3.8009
258.49	874.6866	3.8009
258.53	875.6474	3.8009
258.74	875.6474	3.8049
259.98	875.6474	3.8225
260.25	875.6474	3.8279
260.44	875.6474	3.8292
260.5	876.9473	3.8292
260.54	879.7733	3.8319
261.01	879.7733	3.8373
261.98	879.7733	3.8522
262.18	879.7733	3.8549
262.33	879.7733	3.8576
262.44	879.7733	3.8603
262.68	879.7733	3.863
263.98	879.7733	3.8792
264.53	880.6211	3.8886
264.91	883.6166	3.8954
265.98	883.8426	3.9116
266.23	883.8426	3.9129
266.44	883.8426	3.917
266.57	886.6686	3.9183
267.98	886.6686	3.9399
268.23	886.6686	3.944
268.29	886.6686	3.944
268.43	886.6686	3.944

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
320.33	823.6035	4.6718
320.41	826.1928	4.6718
321.21	823.5	4.6826
321.29	826.0893	4.6839
321.97	826.7107	4.6947
323.97	826.6071	4.7231
325.97	826.8661	4.7528
326.09	824.225	4.7555
326.74	826.9696	4.7636
326.8	824.3286	4.7663
327.97	824.5357	4.7825
328.4	821.8946	4.7879
329.97	822.4125	4.8095
330.92	819.616	4.8257
331.97	819.5125	4.8392
332.62	816.8196	4.8486
332.71	819.4089	4.85
333.12	816.7678	4.8567
333.29	819.3571	4.8581
333.54	816.716	4.8622
333.97	816.5089	4.8676
334.73	819.15	4.8797
335.21	816.5089	4.8878
335.31	819.0982	4.8878
335.86	816.4053	4.8973
335.97	817.2857	4.8986
337.56	814.6446	4.9202
337.97	815.3178	4.927
338.27	812.6767	4.931
338.93	809.9838	4.9405
339.3	812.6767	4.9459
339.54	810.0874	4.9486
339.97	809.1553	4.9553
340.73	811.8481	4.9661
340.94	809.2071	4.9688
341.44	806.5142	4.9769
341.97	804.391	4.9837
342.2	801.7499	4.9877
342.31	799.1606	4.9891
342.36	796.5195	4.9904
342.52	793.8784	4.9931
342.9	791.2891	4.9972
343.06	788.648	4.9999
343.54	785.9552	5.0066
343.97	786.4212	5.0134
344.22	783.8319	5.0174
344.71	786.5248	5.0242
344.88	783.9355	5.0255
345.97	783.2623	5.0431
346.92	780.5176	5.0579
347	777.9284	5.0566
347.06	780.5176	5.0566
347.4	777.8766	5.062
347.52	775.2873	5.0647

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
268.51	886.6686	3.9453
268.55	888.3076	3.9467
269	888.3076	3.9535
269.87	888.3076	3.967
269.98	888.3076	3.9683
270.26	888.3076	3.9737
270.31	888.3076	3.9737
270.43	888.3076	3.9724
270.45	888.3076	3.9751
270.52	889.3815	3.9764
270.84	892.2074	3.9805
271.98	894.3551	3.9967
272.22	894.3551	4.0007
272.44	894.3551	4.0048
272.57	897.1246	4.0061
273.1	900.1201	4.0142
273.98	900.1201	4.025
274.15	902.2678	4.0277
274.21	902.2678	4.0291
274.51	902.2678	4.0331
274.97	905.2068	4.0412
275.04	905.2068	4.0412
275.11	905.2068	4.0412
275.98	905.2633	4.0547
276.14	908.1458	4.0574
276.18	908.1458	4.0588
276.26	908.1458	4.0601
276.43	908.1458	4.0601
276.52	908.1458	4.0628
276.94	908.1458	4.0696
277.23	908.1458	4.0736
277.36	908.1458	4.075
277.59	908.1458	4.0777
277.92	908.1458	4.0831
277.98	908.1458	4.0831
278.2	908.1458	4.0871
278.26	908.1458	4.0885
278.3	908.1458	4.0898
278.41	908.1458	4.0871
278.44	908.1458	4.0912
278.49	908.1458	4.0898
279.98	908.1458	4.1128
280.24	908.1458	4.1168
280.45	908.1458	4.1195
281.3	908.2023	4.1317
281.4	908.2023	4.133
281.98	908.2023	4.1425
282.26	908.2023	4.1465
282.45	908.2023	4.1465
282.53	908.7675	4.1492
283.98	909.8978	4.1722
284.22	909.8978	4.1735
284.43	909.8978	4.1776
285.42	909.8978	4.1911

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
347.74	772.6462	5.0674
347.97	771.7658	5.0701
348.18	769.1247	5.0741
348.54	766.4837	5.0795
348.71	769.073	5.0809
348.78	766.4319	5.0836
349	763.8426	5.0863
349.19	761.2015	5.089
349.5	758.5604	5.0944
349.97	758.5086	5.1011
350.38	755.8675	5.1065
350.65	758.6122	5.1106
350.88	755.9711	5.1146
351.61	753.2782	5.1254
351.67	755.9193	5.1241
351.97	753.7443	5.1295
353.28	750.9997	5.1484
353.97	750.5854	5.1578
354.28	747.9443	5.1619
354.59	745.3032	5.1673
354.73	747.9443	5.1673
354.8	745.3032	5.1714
355.28	742.6621	5.1781
355.97	741.5228	5.1862
356.62	738.8818	5.1957
356.71	741.6264	5.1984
356.98	738.9853	5.2024
357.52	736.3442	5.2105
357.59	738.9335	5.2105
357.8	736.2925	5.2146
357.97	735.93	5.2159
359.48	733.3407	5.2389
359.8	730.6996	5.2429
359.97	732.4085	5.2456
360.38	729.7674	5.251
360.97	727.1263	5.2605
361.44	724.4853	5.2672
361.9	721.8442	5.274
361.97	722.362	5.274
362.04	719.721	5.2767
363.44	716.9763	5.2956
363.97	717.4424	5.3023
364.18	714.8531	5.3064
365.59	712.1084	5.3266
365.97	712.7299	5.332
366.46	710.0888	5.3401
366.69	712.8334	5.3428
366.87	710.1923	5.3455
367.26	707.5513	5.3523
367.97	706.1013	5.3617
368.11	703.512	5.3631
368.37	706.2566	5.3671
368.84	703.6155	5.3739
369.97	703.1495	5.3914

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
285.47	909.8978	4.1924
285.98	909.8978	4.2005
286.05	909.8978	4.2019
286.49	909.8978	4.2059
286.55	912.4412	4.2086
286.62	912.4412	4.2086
286.99	912.5542	4.2154
287.44	912.5542	4.2194
287.49	912.5542	4.2208
287.58	912.5542	4.2221
287.98	912.5542	4.2289
288.2	912.5542	4.2316
288.28	912.5542	4.2343
288.4	912.5542	4.2356
288.51	912.5542	4.2356
288.77	914.9846	4.2397
289.04	914.9846	4.2451
289.15	914.9846	4.2464
289.98	914.9846	4.2573
290.09	916.341	4.2586
290.17	916.341	4.2613
290.28	916.341	4.2613
290.42	916.341	4.2627
290.49	916.341	4.2654
291.46	916.341	4.2789
291.55	916.341	4.2802
291.98	916.341	4.287
292.2	916.341	4.291
292.43	916.341	4.2937
292.54	917.1323	4.2951
292.7	917.1323	4.2978
292.91	917.1323	4.3005
292.99	917.1323	4.3005
293.29	917.2453	4.3059
293.46	917.2453	4.3086
293.57	917.2453	4.3113
293.63	917.2453	4.3113
293.98	917.2453	4.3167
294.22	917.2453	4.3194
294.48	917.2453	4.3221
294.61	918.2061	4.3248
294.98	918.2061	4.3315
295.98	918.2061	4.345
296.2	918.2061	4.3491
296.27	918.2061	4.3504
296.39	918.2061	4.3504
296.43	918.2061	4.3518
296.59	918.8844	4.3531
297.98	918.8844	4.3734
298.22	918.8844	4.3788
298.43	918.8844	4.3801
298.51	921.6538	4.3801
299.57	924.5362	4.3977
299.74	924.5362	4.399

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
370.46	700.5084	5.3982
370.8	703.2012	5.4022
370.84	700.6119	5.4036
370.9	698.0226	5.4049
371.11	700.6119	5.4049
371.7	697.9191	5.4157
371.97	699.1102	5.4184
372.1	696.5209	5.4198
372.23	699.2655	5.4225
372.46	696.6244	5.4265
372.68	699.2137	5.4265
372.9	696.5726	5.4333
373.97	696.1584	5.4495
374.12	693.5173	5.4508
375.26	690.8244	5.467
375.97	690.5655	5.4765
376.42	687.9244	5.4833
376.57	690.669	5.486
376.92	688.0797	5.4914
377.97	686.8887	5.5062
378.5	684.2476	5.5143
378.96	681.6065	5.5211
379.06	684.3512	5.5224
379.48	681.7619	5.5278
379.86	679.1208	5.5346
379.97	679.9494	5.5346
380.97	677.2565	5.5494
381.04	680.0529	5.5508
381.2	677.4118	5.5535
381.97	677.7226	5.5629
382.76	680.3636	5.5751
382.9	677.7743	5.5791
382.98	675.1851	5.5791
383.08	677.9297	5.5805
383.51	675.2886	5.5859
383.97	675.9101	5.594
384.89	673.269	5.6075
385.4	670.6279	5.6142
385.84	667.9868	5.621
385.97	668.1422	5.6237
386.05	665.3975	5.6237
386.89	662.7046	5.6358
387.57	660.0636	5.6453
387.97	658.8207	5.6507
388.51	656.1796	5.6588
388.7	658.9243	5.6615
388.79	656.2832	5.6642
389.03	653.6939	5.6669
389.08	656.4385	5.6669
389.79	653.7975	5.6777
389.97	652.7617	5.679
390.63	650.0689	5.6898
390.7	652.6582	5.6885
390.87	650.0689	5.6939

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
299.89	924.5362	4.4004
299.98	924.7058	4.4031
300.21	924.7058	4.4058
300.43	924.8188	4.4098
300.53	927.6448	4.4098
301.86	927.6448	4.4301
301.98	927.6448	4.4314
302.11	929.736	4.4341
302.18	929.736	4.4355
302.26	929.736	4.4355
302.42	929.736	4.4368
302.49	929.736	4.4382
303.98	930.5838	4.4611
304.19	930.5838	4.4638
304.49	930.5838	4.4665
305.03	933.5228	4.476
305.97	933.5228	4.4908
306.2	933.5228	4.4935
306.43	933.5228	4.4962
307.07	936.2357	4.5057
307.56	936.2357	4.5124
307.67	936.2357	4.5138
307.92	936.2357	4.5178
307.97	936.2357	4.5178
308.04	937.0834	4.5192
308.48	940.0789	4.5259
309.22	940.0789	4.5367
309.29	940.0789	4.5381
309.97	940.0789	4.5475
310.2	940.0789	4.5502
310.4	940.0789	4.5529
310.48	940.9267	4.5543
311.85	943.7527	4.5746
311.97	944.0918	4.5773
312.04	944.0918	4.5773
312.26	944.0918	4.5813
312.37	944.0918	4.5827
312.47	944.0918	4.5827
313.26	946.9743	4.5948
313.54	946.9743	4.6002
313.67	946.9743	4.6002
313.97	947.0873	4.6043
314.22	947.0873	4.6097
314.28	947.0873	4.611
314.37	947.0873	4.611
314.41	947.0873	4.611
314.49	949.8567	4.6124
315.6	952.7392	4.6286
315.79	952.7392	4.6326
315.97	952.7392	4.6353
316.52	953.3609	4.6421
317.43	953.3609	4.6556
317.87	953.3609	4.6623
317.94	953.3609	4.6623

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
391.97	650.1207	5.7101
392.33	647.4796	5.7155
392.68	650.2242	5.7182
392.89	647.6349	5.7236
393.97	646.8064	5.7384
394.92	644.1653	5.7519
394.93	646.9099	5.7519
394.93	649.8099	5.7533
394.97	647.0653	5.7546
394.99	644.476	5.756
395.01	641.7313	5.756
395.03	639.142	5.7573
395.04	636.3974	5.756
395.06	633.8081	5.7573
395.08	631.0116	5.7573
395.1	628.267	5.7573
395.12	625.5223	5.7573
395.13	622.933	5.7587
395.15	620.1884	5.7573
395.17	617.4437	5.7587
395.18	614.6991	5.7573
395.2	612.1098	5.7587
395.21	609.5205	5.76
395.23	606.7758	5.7587
395.25	604.1347	5.76
395.27	601.3901	5.76
395.3	598.6454	5.7587
395.36	596.0561	5.76
395.45	598.6454	5.7573
395.47	601.3901	5.7587
395.5	604.0312	5.7573
395.51	606.6205	5.756
395.52	609.3651	5.7573
395.53	612.1098	5.756
395.54	614.8544	5.756
395.55	617.4437	5.7546
395.56	620.1884	5.7546
395.57	622.933	5.756
395.57	625.5223	5.7546
395.58	628.3188	5.7546
395.58	631.0116	5.7573
395.59	633.6527	5.7546
395.6	636.3974	5.7533
395.61	639.142	5.7546
395.62	641.8867	5.756
395.62	644.6313	5.756
395.63	647.376	5.7573
395.64	650.1207	5.7587
395.65	652.8653	5.7614
395.86	650.276	5.7654
395.97	649.551	5.7668
396.16	646.9617	5.7708
396.6	644.3206	5.7762
396.69	647.0653	5.7762

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
317.97	953.3609	4.6623
318.16	953.3609	4.6677
318.21	953.3609	4.6677
318.41	953.3609	4.6691
318.46	953.3609	4.6691
319.03	953.3609	4.6772
319.04	953.3609	4.6799
319.04	953.7	4.6812
319.09	953.7	4.6826
319.11	948.0481	4.6812
319.13	945.1656	4.6826
319.15	942.3397	4.6826
319.17	939.4572	4.6839
319.2	936.6313	4.6826
319.24	933.7488	4.6826
319.41	936.6313	4.6826
319.43	939.4572	4.6812
319.45	942.2832	4.6826
319.46	945.1656	4.6826
319.47	948.1611	4.6839
319.53	951.0436	4.6853
319.74	948.1046	4.6907
319.97	947.709	4.6934
320.15	944.8265	4.6961
320.2	942.0006	4.6974
320.26	939.1181	4.6974
320.35	942.0006	4.6961
320.46	944.9961	4.6988
321.22	942.0571	4.7096
321.97	939.0616	4.7217
321.97	939.4572	4.7217
322.18	936.5748	4.7258
322.25	933.6923	4.7258
322.37	936.5748	4.7271
322.88	933.6358	4.7352
323.5	930.6968	4.7447
323.97	928.8882	4.7514
324.16	926.0623	4.7541
324.47	929.0578	4.7582
325.12	926.1188	4.7676
325.97	925.7797	4.7798
326.19	922.8972	4.7838
326.46	925.7231	4.7852
326.75	928.7186	4.7906
327.97	928.5491	4.8081
328.04	931.375	4.8095
328.1	928.5491	4.8095
328.16	925.6666	4.8122
328.41	928.6621	4.8149
328.5	931.4881	4.8162
329.82	928.6621	4.8365
329.97	929.0012	4.8378
330.05	926.1753	4.8392
330.18	923.2928	4.8419

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
396.85	644.476	5.7817
397.57	641.8349	5.7911
397.97	641.6278	5.7965
398.26	640.5403	5.8006

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
330.45	926.2883	4.8446
331.97	925.8927	4.8649
332.02	928.7186	4.8662
332.16	925.8362	4.8716
332.49	928.6621	4.873
333.97	929.0012	4.8959
334.59	931.9967	4.904
335.65	934.8227	4.9202
335.97	933.4662	4.9243
336.24	930.5838	4.9283
336.39	933.4662	4.9283
336.5	936.4617	4.931
337.08	933.5228	4.9405
337.5	930.5838	4.9472
337.97	929.7925	4.9526
338.14	926.91	4.9567
338.24	924.0841	4.9567
338.45	927.0796	4.9594
338.74	924.1971	4.9648
339.12	921.2581	4.9702
339.54	918.3757	4.9769
339.82	915.4932	4.9796
339.97	917.5279	4.9837
340.22	914.702	4.985
340.47	917.6975	4.9891
340.97	920.6364	4.9972
341.42	917.754	5.0039
341.97	916.7366	5.012
342.28	913.8542	5.0161
342.41	916.6801	5.0174
343.04	913.7411	5.0282
343.52	910.8022	5.0336
343.97	910.4065	5.039
344.21	907.5241	5.0444
344.38	910.35	5.0458
344.79	913.289	5.0512
345.08	910.4065	5.0566
345.3	913.402	5.0606
345.8	910.463	5.0687
345.97	909.3892	5.0674
346.13	906.4502	5.0728
346.31	903.6243	5.0741
346.39	906.4502	5.0741
347.49	903.4547	5.0917
347.97	903.2286	5.0984
348.22	900.3462	5.1025
348.44	903.3417	5.1038
349.86	906.3372	5.1254
349.97	906.1111	5.1281
350.15	903.2851	5.1308
350.46	906.2806	5.1322
351.5	909.1631	5.1497
351.57	906.2806	5.1511
351.97	907.3545	5.1565

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
352.24	904.472	5.1619
352.31	901.6461	5.1619
352.39	904.472	5.1619
352.47	907.4675	5.1646
353.29	904.5851	5.1741
353.57	907.5241	5.1795
353.65	904.6416	5.1822
353.82	907.5241	5.1822
353.97	906.1676	5.1849
354.21	903.2851	5.1889
354.34	906.1111	5.1889
354.46	909.1066	5.1916
355.83	911.9325	5.2119
355.97	913.4585	5.2146
356.14	910.5761	5.2186
356.47	913.5716	5.2227
357.8	910.6891	5.2416
357.87	913.5716	5.2416
357.97	912.3847	5.2443
358.12	909.5587	5.2456
358.34	906.6763	5.2483
358.39	909.6718	5.2497
358.55	912.7238	5.251
358.74	909.8413	5.2551
359.97	908.937	5.2713
360.09	906.0546	5.274
360.42	909.0501	5.278
361.35	906.0546	5.2929
361.97	907.3545	5.2996
362.19	904.472	5.3037
362.46	907.411	5.3077
363.01	904.5286	5.3158
363.18	907.5241	5.3185
363.97	906.8458	5.3307
364.16	903.9634	5.3334
364.46	906.9589	5.3361
365.63	903.9634	5.355
365.97	904.6416	5.3604
366.18	901.8156	5.3617
366.44	904.8111	5.3644
366.81	901.9287	5.3725
367.29	899.0462	5.3779
367.97	898.7636	5.3874
368.56	901.7026	5.3955
368.85	898.8201	5.4009
369.18	901.7591	5.4063
369.56	898.8767	5.4117
369.97	897.9158	5.4157
370.29	895.0334	5.4238
370.47	898.0289	5.4252
370.89	895.1464	5.4306
371.18	892.264	5.4346
371.7	889.3815	5.4427
371.77	892.2074	5.4427

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
371.82	889.3815	5.4441
371.91	886.499	5.4468
371.97	888.5902	5.4468
372.18	885.7078	5.4481
372.27	882.8818	5.4508
372.33	885.7078	5.4508
372.48	888.7033	5.4535
373.15	885.7643	5.463
373.56	888.7598	5.4697
373.97	885.8773	5.4752
373.97	885.6512	5.4752
374.08	888.6467	5.4765
374.15	885.8208	5.4792
374.25	882.9949	5.4792
374.33	885.9904	5.4806
374.5	888.9859	5.4819
375.14	886.1034	5.4914
375.51	889.0424	5.4968
375.63	886.2164	5.4995
375.97	886.7251	5.5049
376.13	883.8426	5.5062
376.54	886.8381	5.5116
377.52	883.8426	5.5278
377.97	885.8773	5.5332
378.04	883.0514	5.5346
378.18	880.1689	5.5373
378.38	883.1644	5.5386
378.49	886.1599	5.5413
378.54	883.334	5.5427
379.72	886.2164	5.5589
379.97	885.5947	5.5629
380.1	882.7688	5.5656
380.18	879.7168	5.5656
380.71	876.8343	5.5737
381	873.9518	5.5778
381.8	876.8908	5.5886
381.97	875.93	5.5913
382.17	873.104	5.594
382.46	876.043	5.598
383.03	873.1606	5.6061
383.12	876.1561	5.6075
383.97	876.043	5.621
384.26	873.1606	5.6237
384.38	876.1561	5.6264
385.02	873.2736	5.6358
385.97	871.0694	5.6493
386.47	874.0083	5.6561
386.64	871.1824	5.6588
387.97	872.878	5.6777
388.12	869.9955	5.6817
388.18	867.1696	5.6831
388.31	870.1651	5.6831
388.55	873.1606	5.6858
388.74	870.3346	5.6885

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
389.54	867.3956	5.7006
389.97	867.3391	5.7074
390.17	864.4566	5.7101
390.23	867.3391	5.7087
390.62	870.2216	5.7168
390.99	867.3956	5.7222
391.97	868.3565	5.7371
392.04	865.361	5.7371
392.36	868.3565	5.7398
393.49	865.361	5.7587
393.97	865.3044	5.7641
394.17	862.422	5.7681
395.51	859.4265	5.7884
395.97	858.2961	5.7938
396.25	855.4136	5.7979
396.44	858.4091	5.8006
396.69	855.5267	5.8046
397.96	852.5877	5.8222
397.97	852.3616	5.8235
398.48	855.3006	5.8303
398.69	852.4746	5.8343
399.97	850.6095	5.8519
400.16	847.7271	5.8559
400.43	850.7226	5.8573
400.72	847.8966	5.864
401.3	844.9576	5.8721
401.58	842.1317	5.8762
401.87	839.3057	5.8802
401.97	838.7405	5.8802
402.11	835.8581	5.8829
402.17	833.0321	5.8843
402.45	836.0276	5.8883
402.62	833.2017	5.891
403.16	830.3192	5.8978
403.59	833.2582	5.9045
403.97	833.2017	5.9099
404.12	830.3757	5.914
404.18	827.3237	5.9153
404.36	830.3757	5.914
404.55	833.3147	5.9194
404.62	830.3192	5.9194
405.11	833.2582	5.9275
405.97	833.3147	5.9396
406.08	830.4888	5.9423
407.97	831.7322	5.9693
408.13	828.9063	5.972
408.22	825.9108	5.9707
408.3	828.9063	5.972
408.48	831.8452	5.9761
408.71	829.0193	5.9788
409.47	831.9583	5.9896
409.75	829.0758	5.9936
409.97	829.4149	5.9977
410.13	826.589	6.0004

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
410.45	829.5845	6.0031
410.64	826.702	6.0071
411.44	823.8196	6.0193
411.8	826.7585	6.0247
411.97	825.063	6.026
412.16	822.237	6.0287
412.36	825.176	6.0314
412.75	822.3501	6.0382
413.97	821.6153	6.0544
414.15	818.7894	6.0571
415.45	815.7939	6.076
415.97	813.5331	6.0828
416.72	810.5941	6.0949
417.49	807.7117	6.1057
417.56	810.6507	6.1071
417.88	807.8247	6.1125
417.97	808.5595	6.1125
418.15	805.7335	6.1165
418.47	808.6725	6.1192
418.74	805.8465	6.1246
419.4	802.9641	6.1341
419.97	801.9467	6.1422
420.26	799.1208	6.1462
420.54	802.0598	6.1503
420.76	799.2338	6.153
421.48	796.3514	6.1638
421.85	793.4689	6.1692
421.97	793.2993	6.1705
422.1	790.4734	6.1732
422.32	787.6475	6.1759
422.51	790.5864	6.1786
422.57	787.5909	6.18
422.84	784.765	6.184
423.61	781.8825	6.1935
423.96	780.8652	6.2002
425.63	777.8697	6.2232
425.96	776.9089	6.2286
426.15	774.0829	6.2313
426.44	777.0219	6.2353
426.63	774.196	6.2394
427.96	774.0829	6.2556
428.15	771.2005	6.261
428.44	774.196	6.2637
428.63	771.37	6.2677
429.96	771.2005	6.2866
430.12	768.3745	6.2907
430.39	771.37	6.292
430.66	768.4875	6.2974
430.92	771.4831	6.3001
431.63	768.5441	6.3123
431.8	771.5396	6.3123
431.96	769.2788	6.3177
433.07	766.3398	6.3325
433.71	763.4574	6.342

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
433.96	763.7965	6.3447
435.96	761.8748	6.3744
436.13	758.8793	6.3771
436.37	761.8748	6.3784
436.65	758.9924	6.3839
436.86	761.9879	6.3852
437.27	759.1054	6.3933
437.93	762.0444	6.4014
437.96	761.4792	6.4028
439.26	758.5402	6.4217
439.4	761.4792	6.423
439.73	758.6533	6.4298
439.96	758.5967	6.4325
440.15	755.6012	6.4338
440.26	758.5967	6.4352
440.93	755.7143	6.446
441.04	758.7098	6.4473
441.2	755.7143	6.4487
441.96	755.036	6.4595
443.96	754.4143	6.4905
444.09	751.4188	6.4919
444.4	754.3578	6.4959
445.36	751.4754	6.5108
445.96	750.458	6.5189
446.11	747.4625	6.5202
447.16	744.5235	6.5364
447.85	741.6976	6.5459
447.96	742.9975	6.5472
448.03	740.002	6.5486
448.21	737.0065	6.5513
448.26	739.9455	6.5513
448.47	737.1196	6.5553
448.57	734.1241	6.5567
448.63	731.1286	6.558
448.83	728.1331	6.5607
448.98	725.1375	6.5634
449.1	722.142	6.5634
449.37	719.3161	6.5688
449.79	716.4902	6.5756
449.96	716.2641	6.5769
450.13	713.3251	6.5783
450.34	716.2641	6.581
451.96	717.564	6.6053
453.96	716.7728	6.6336
454.57	713.8903	6.6444
455.95	710.9513	6.6633
455.96	711.5165	6.6633
456.88	708.634	6.6755
457.51	705.7516	6.6863
457.96	704.9603	6.6931
458.15	701.9648	6.6958
458.88	699.1389	6.7052
459.27	696.3129	6.7106
459.79	693.4304	6.7187

S2N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
459.96	693.6	6.7214
460.19	690.7741	6.7268
461.96	690.2654	6.7484
463.3	687.3264	6.77
463.96	687.4394	6.7795
464.12	684.3874	6.7835
465.21	681.505	6.797
465.32	684.5005	6.7984
465.81	681.6745	6.8051
465.96	682.5788	6.8078
467.33	679.6398	6.8281
467.74	682.5788	6.8335
467.96	680.3181	6.8362
469.96	679.6963	6.8659
471.96	678.3964	6.8956
472.6	675.5705	6.9037
473.1	672.688	6.9118
473.59	669.8621	6.9185
473.96	669.636	6.9253
474.12	666.6405	6.928
475.39	663.758	6.9455
475.96	662.5711	6.9536
476.85	659.6887	6.9671
477.58	656.8627	6.9766
477.96	656.8062	6.982
478.48	653.9802	6.9901
479.96	652.7368	7.0117
480.09	649.7413	7.0144
480.24	652.6803	7.0158
481.29	649.7978	7.0306
481.96	649.3457	7.0414
482.92	646.4632	7.0536
483.37	649.4022	7.0617
483.62	646.4067	7.0644
483.96	647.7066	7.0684
485.96	646.1806	7.0981
485.97	649.5153	7.1008
485.97	652.4542	7.1008
486	649.4587	7.1022
486.02	646.5198	7.1035
486.03	643.5243	7.1022
486.04	640.5853	7.1035
486.05	637.5898	7.1049
486.06	634.6508	7.1049
486.07	631.6553	7.1049
486.08	628.7163	7.1049
486.08	625.7208	7.1062
486.09	622.7818	7.1062
486.1	619.8428	7.1062
486.1	616.8473	7.1049
486.11	613.9083	7.1049
486.12	610.9128	7.1076
486.13	607.9739	7.1062
486.14	605.0349	7.1062

S2N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	10.48832	-0.0027
1.2209	18.20889	0.0149
1.8301	18.20889	0.0297
1.9708	18.20889	0.0297
1.9998	18.20889	0.0257
2.0793	18.20889	0.0203
2.1576	19.22859	0.023
3.2597	26.94916	0.0432
3.8663	26.94916	0.0554
3.9997	26.94916	0.0594
4.1743	26.94916	0.0554
4.2289	28.40587	0.0513
4.5589	36.12644	0.0621
5.5605	43.84701	0.0756
5.822	43.84701	0.0851
5.8895	43.84701	0.0851
5.9663	43.84701	0.0878
5.9995	43.84701	0.0851
6.1349	43.84701	0.081
6.1936	43.84701	0.0824
6.2348	43.84701	0.0797
6.2983	50.54789	0.0891
7.1592	58.26846	0.0999
7.8257	58.26846	0.1134
7.8725	58.26846	0.1161
7.9342	58.26846	0.1188
7.9993	58.26846	0.1161
8.1001	58.26846	0.1107
8.1522	58.26846	0.108
8.1815	58.26846	0.1094
8.2161	62.34725	0.108
8.3988	69.92215	0.1175
9.3999	77.64272	0.1337
9.8382	77.64272	0.1445
9.9097	77.64272	0.1458
9.9992	77.64272	0.1431
10.076	77.64272	0.1404
10.111	77.64272	0.1377
10.139	82.3042	0.1404
10.776	90.02477	0.1512
11.502	97.59967	0.162
11.776	97.59967	0.1701
11.837	97.59967	0.1755
11.868	97.59967	0.1728
11.91	97.59967	0.1755
11.951	97.59967	0.1742
11.999	97.59967	0.1728
12.085	97.59967	0.1688
12.128	97.59967	0.1674
12.164	97.59967	0.1701
12.193	97.59967	0.1688
12.214	97.59967	0.1688
12.238	101.2414	0.1688
12.76	108.962	0.1809

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	9.453755	-0.0014
0.4075	20.37809	0.0027
1.9998	25.63018	0.0284
3.9997	30.88227	0.0567
5.9995	36.7646	0.0851
7.9993	39.70577	0.1148
9.9992	44.74777	0.1445
11.999	46.21836	0.1728
13.999	51.47044	0.2012
14.948	51.47044	0.2147
15.199	51.47044	0.2187
15.999	52.94103	0.2295
17.345	52.94103	0.2498
17.39	52.94103	0.2484
17.999	55.88219	0.2579
19.302	55.88219	0.2781
19.368	55.88219	0.2768
19.998	55.88219	0.2903
21.509	64.07545	0.3092
21.921	64.07545	0.316
21.998	64.07545	0.3173
22.41	64.07545	0.3214
23.38	64.07545	0.3362
23.69	64.07545	0.3416
23.998	64.07545	0.3457
25.998	64.07545	0.3754
26.488	69.11745	0.3808
26.998	69.11745	0.3889
27.707	69.11745	0.3997
27.998	69.11745	0.4051
29.998	72.68887	0.4334
31.245	72.68887	0.4523
31.354	72.68887	0.451
31.997	74.15945	0.4604
33.313	74.15945	0.482
33.383	74.15945	0.4807
33.997	80.04179	0.4915
34.214	80.04179	0.4942
34.63	80.04179	0.4996
35.997	80.88212	0.5198
37.997	83.61321	0.5509
39.997	87.39471	0.5779
41.997	90.33588	0.6063
42.493	90.33588	0.6144
42.868	90.33588	0.6184
43.135	90.33588	0.6252
43.2	90.33588	0.6252
43.417	90.33588	0.6238
43.446	90.33588	0.6252
43.996	90.96613	0.636
45.277	90.96613	0.6549
45.385	90.96613	0.6535
45.577	90.96613	0.6589
45.996	90.96613	0.6657

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	5.56565	0.0081
0.0876	11.24043	0.0027
1.873	17.02434	0.0338
1.9998	17.02434	0.0392
3.8692	20.51651	0.0621
3.9997	20.51651	0.0648
4.6869	22.04434	0.0743
5.9995	22.04434	0.0959
7.9654	26.62781	0.1215
7.9993	26.62781	0.1242
9.9992	27.82825	0.1539
10.993	27.82825	0.1701
11.099	27.82825	0.1661
11.999	28.59216	0.1809
12.738	34.37607	0.189
12.968	34.37607	0.1985
13.321	34.37607	0.1985
13.999	34.37607	0.2079
14.797	38.19564	0.2214
15.131	38.19564	0.2295
15.638	38.19564	0.2336
15.999	38.19564	0.2403
17.861	41.25129	0.2646
17.999	41.25129	0.2714
18.962	41.25129	0.2849
19.204	41.25129	0.2822
19.998	43.54302	0.2984
21.011	43.54302	0.3146
21.136	43.54302	0.3119
21.998	44.96172	0.3281
22.937	44.96172	0.3443
22.989	44.96172	0.343
23.078	44.96172	0.3457
23.268	44.96172	0.3416
23.298	44.96172	0.3403
23.319	44.96172	0.3403
23.998	49.98172	0.3551
25.998	51.83693	0.3875
26.949	51.83693	0.401
27.022	51.83693	0.4024
27.19	51.83693	0.3983
27.221	51.83693	0.3983
27.998	51.83693	0.4132
29.773	52.60085	0.4361
29.983	52.60085	0.4456
29.998	52.60085	0.4429
30.965	52.60085	0.4591
31.135	52.60085	0.4564
31.997	52.60085	0.4699
32.914	52.60085	0.4874
32.953	52.60085	0.4888
32.995	52.60085	0.4901
33.063	52.60085	0.4888
33.306	52.60085	0.4861

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	9.086433	0.054
0.0715	15.96616	0.054
0.0758	15.96616	0.054
0.4702	15.96616	0.0608
0.5173	15.96616	0.0621
0.7075	15.96616	0.0635
1.4799	15.96616	0.077
1.545	15.96616	0.0756
1.9998	15.96616	0.0824
2.261	15.96616	0.0864
2.3469	15.96616	0.0878
3.018	15.96616	0.0999
3.0773	15.96616	0.0999
3.1817	15.96616	0.0999
3.2388	15.96616	0.0999
3.2773	15.96616	0.0999
3.299	15.96616	0.0986
3.6302	15.96616	0.1094
3.6741	15.96616	0.1094
3.8619	15.96616	0.1094
3.8931	15.96616	0.1067
3.9997	16.48539	0.1121
5.0754	16.48539	0.1296
5.1471	16.48539	0.1296
5.2759	16.48539	0.1283
5.3054	16.48539	0.1296
5.6242	23.23531	0.1337
5.9995	23.23531	0.1418
7.9993	24.14395	0.1701
9.9453	31.02368	0.1971
9.9992	31.02368	0.1985
10.94	33.74961	0.212
10.988	33.74961	0.216
11.04	33.74961	0.216
11.129	33.74961	0.216
11.227	33.74961	0.2147
11.258	33.74961	0.2147
11.441	33.74961	0.2201
11.999	33.74961	0.2268
13.533	37.90341	0.2498
13.999	37.90341	0.2579
15.999	41.01876	0.2862
17.918	47.89848	0.3133
17.999	47.89848	0.3146
18.878	50.62441	0.3268
19.998	50.62441	0.343
21.078	50.62441	0.3605
21.224	50.62441	0.3592
21.998	53.73976	0.3727
23.042	53.73976	0.3902
23.146	53.73976	0.3902
23.212	53.73976	0.3889
23.249	53.73976	0.3889
23.511	60.61949	0.3943

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
13.442	116.5369	0.1931
13.749	116.5369	0.1985
13.809	116.5369	0.2012
13.844	116.5369	0.2025
13.873	116.5369	0.2039
13.911	116.5369	0.2025
13.944	116.5369	0.2039
13.999	116.5369	0.2039
14.075	116.5369	0.1971
14.113	116.5369	0.1958
14.137	116.5369	0.1944
14.159	116.5369	0.1971
14.177	116.5369	0.1931
14.195	116.5369	0.1971
14.221	120.7614	0.2012
15.077	128.3363	0.2147
15.849	128.3363	0.2268
15.999	128.3363	0.2282
16.039	129.356	0.2255
16.078	137.0765	0.2295
17.526	144.7971	0.2484
17.768	144.7971	0.2579
17.844	144.7971	0.2579
17.908	144.7971	0.2579
17.999	144.7971	0.2592
18.048	144.7971	0.2552
18.077	144.7971	0.2538
18.098	144.7971	0.2538
18.641	151.3523	0.266
19.753	151.3523	0.2862
19.83	151.3523	0.2862
19.874	151.3523	0.2876
19.915	151.3523	0.2876
19.998	151.3523	0.2903
20.085	151.3523	0.2862
20.119	151.3523	0.2849
20.146	151.3523	0.2849
20.165	151.3523	0.2849
20.182	151.7893	0.2862
20.208	159.5099	0.2862
21.78	159.5099	0.316
21.831	159.5099	0.3173
21.865	159.5099	0.3173
21.91	159.5099	0.3173
21.953	159.5099	0.3173
21.998	159.5099	0.3214
22.101	159.5099	0.3173
22.139	159.5099	0.316
22.164	159.5099	0.3119
22.185	159.5099	0.3119
22.203	159.5099	0.3146
22.222	163.5887	0.316
22.259	171.3093	0.3173
23.809	171.3093	0.3443

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
46.232	90.96613	0.6697
46.492	90.96613	0.6724
47.996	94.74763	0.694
48.532	94.74763	0.7021
49.032	94.74763	0.7075
49.231	94.74763	0.7129
49.324	94.74763	0.7143
49.388	94.74763	0.7116
49.409	94.74763	0.7116
49.996	94.74763	0.721
51.996	94.74763	0.7521
53.278	94.74763	0.771
53.383	94.74763	0.7696
53.651	100.4199	0.775
53.955	100.4199	0.7804
53.996	100.4199	0.7818
54.552	100.4199	0.7899
55.995	100.4199	0.8101
57.995	100.4199	0.8385
59.358	108.4031	0.8587
59.779	108.4031	0.8641
59.995	108.4031	0.8668
60.759	111.3442	0.8776
60.783	111.3442	0.879
61.144	111.3442	0.8871
61.336	111.3442	0.8844
61.477	111.3442	0.8884
61.645	111.3442	0.8925
61.995	111.3442	0.8965
63.995	111.3442	0.9263
65.709	119.3274	0.9506
65.874	119.3274	0.9533
65.995	119.3274	0.9546
67.347	122.8988	0.9749
67.541	122.8988	0.9776
67.994	122.8988	0.9843
68.5	122.8988	0.9924
68.668	122.8988	0.9924
69.994	124.3694	1.014
70.157	124.3694	1.0154
70.613	124.3694	1.0208
71.994	125.84	1.041
73.994	127.9408	1.0707
75.573	139.0752	1.0923
75.586	139.0752	1.095
75.994	139.0752	1.0991
77.994	139.0752	1.1288
78.658	139.0752	1.1396
79.31	139.0752	1.1477
79.82	139.0752	1.1558
79.993	139.0752	1.1571
80.787	143.2769	1.1679
80.828	143.2769	1.1706
81.159	143.2769	1.176

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
33.335	52.60085	0.4874
33.358	52.60085	0.4847
33.673	52.60085	0.4942
33.997	52.60085	0.5023
34.96	52.60085	0.5185
35.044	52.60085	0.5185
35.191	52.60085	0.5144
35.23	52.60085	0.5158
35.997	54.12867	0.5293
36.947	54.12867	0.5455
37.106	54.12867	0.5441
37.997	54.89258	0.5576
39.997	59.03954	0.5873
40.918	59.03954	0.6022
40.963	59.03954	0.6049
41.023	59.03954	0.6049
41.127	59.03954	0.6062
41.275	59.03954	0.6022
41.304	59.03954	0.6035
41.325	59.03954	0.6022
41.345	59.03954	0.6022
41.997	59.03954	0.6184
42.771	64.82345	0.6265
43.996	64.82345	0.6454
45.996	65.47823	0.6738
46.935	65.47823	0.6913
46.977	65.47823	0.6913
47.036	65.47823	0.6927
47.08	65.47823	0.69
47.208	65.47823	0.6913
47.247	65.47823	0.6886
47.276	65.47823	0.6913
47.298	65.47823	0.6886
47.996	67.00606	0.7035
48.993	67.00606	0.7197
49.069	67.00606	0.717
49.996	67.00606	0.7345
50.953	67.00606	0.7467
51.149	67.00606	0.7467
51.989	71.58953	0.7602
51.996	71.58953	0.7642
52.917	71.58953	0.7791
52.978	71.58953	0.7791
53.018	71.58953	0.7791
53.059	71.58953	0.7791
53.131	71.58953	0.7791
53.299	71.58953	0.7777
53.322	71.58953	0.7764
53.342	71.58953	0.7764
53.36	71.58953	0.7764
53.392	71.58953	0.7791
53.996	71.58953	0.7899
55.995	71.58953	0.8196
56.922	71.58953	0.8358

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
23.584	60.61949	0.3956
23.91	60.61949	0.3983
23.998	60.61949	0.4024
24.518	60.61949	0.4105
24.645	60.61949	0.4105
25.609	66.59057	0.4253
25.998	66.59057	0.4294
26.806	70.61457	0.4415
27.017	70.61457	0.4469
27.187	70.61457	0.4496
27.998	70.61457	0.4604
29.458	76.06643	0.4793
29.514	76.06643	0.4834
29.557	76.06643	0.4861
29.618	76.06643	0.4847
29.744	76.06643	0.4847
29.776	76.06643	0.4834
29.91	76.06643	0.4874
29.998	76.06643	0.4888
31.033	76.06643	0.5063
31.094	76.06643	0.505
31.231	76.06643	0.5063
31.255	76.06643	0.5036
31.949	81.51829	0.5171
31.997	81.51829	0.5171
33.729	84.63363	0.5401
33.777	84.63363	0.5441
33.997	84.63363	0.5455
34.594	84.63363	0.5576
34.637	84.63363	0.5576
34.816	84.63363	0.5549
34.836	84.63363	0.5549
35.544	89.17685	0.5671
35.591	89.17685	0.5725
35.617	89.17685	0.5725
35.649	89.17685	0.5698
35.691	89.17685	0.5725
35.764	89.17685	0.5752
35.922	89.17685	0.5725
35.944	89.17685	0.5725
35.972	89.17685	0.5725
35.983	89.17685	0.5684
35.997	89.17685	0.5725
37.016	89.17685	0.5927
37.075	89.17685	0.5927
37.17	89.17685	0.5927
37.222	89.17685	0.5927
37.253	89.17685	0.59
37.272	89.17685	0.5914
37.482	91.90278	0.5968
37.516	91.90278	0.5981
37.663	91.90278	0.5995
37.712	91.90278	0.6008
37.997	91.90278	0.6049

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
23.868	171.3093	0.3443
23.934	171.3093	0.3457
23.998	171.3093	0.3403
24.02	171.3093	0.3403
24.039	171.3093	0.3389
24.059	171.7463	0.3416
24.101	179.4669	0.3443
25.774	179.4669	0.3727
25.837	179.4669	0.374
25.897	179.4669	0.3754
25.958	179.4669	0.374
25.998	179.4669	0.37
26.026	179.4669	0.37
26.055	179.4669	0.3713
26.076	179.4669	0.37
26.094	179.9039	0.3727
26.12	187.6244	0.3727
27.792	187.6244	0.4037
27.832	187.6244	0.401
27.878	187.6244	0.4037
27.927	187.6244	0.4064
27.958	187.6244	0.4051
27.998	187.6244	0.4037
28.063	187.6244	0.401
28.095	187.6244	0.3997
28.118	187.6244	0.3997
28.139	187.6244	0.3997
28.158	187.6244	0.3983
28.178	193.1599	0.4024
29.83	193.1599	0.4294
29.885	193.1599	0.4334
29.998	193.1599	0.4321
30.024	193.1599	0.428
30.042	194.6167	0.4253
30.077	202.3372	0.4321
31.787	202.3372	0.4604
31.832	202.3372	0.4618
31.889	202.3372	0.4631
31.922	202.3372	0.4645
31.997	202.3372	0.4591
32.04	202.3372	0.4577
32.07	202.3372	0.4564
32.092	202.3372	0.4564
32.11	202.3372	0.4577
32.129	204.2309	0.4591
32.159	211.9515	0.4618
33.733	211.9515	0.4901
33.805	211.9515	0.4888
33.836	211.9515	0.4915
33.868	211.9515	0.4942
33.897	211.9515	0.4915
33.927	211.9515	0.4915
33.968	211.9515	0.4928
33.997	211.9515	0.4888

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
81.36	143.2769	1.1733
81.47	143.2769	1.1774
81.743	143.2769	1.1841
81.993	143.2769	1.1855
82.793	149.7895	1.1976
82.818	149.7895	1.199
83.531	149.7895	1.2084
83.854	149.7895	1.2152
83.993	149.7895	1.2152
85.047	154.2012	1.2301
85.319	154.2012	1.2355
85.888	154.2012	1.2436
85.993	154.2012	1.2463
87.993	154.2012	1.2746
88.387	164.2852	1.2787
88.538	164.2852	1.2814
89.349	164.2852	1.2935
89.597	164.2852	1.2976
89.993	164.2852	1.303
90.547	170.7978	1.3097
90.574	170.7978	1.3111
91.286	170.7978	1.3219
91.638	170.7978	1.3273
91.992	170.7978	1.3313
92.782	178.1508	1.3421
92.796	178.1508	1.3448
93.528	178.1508	1.3529
93.952	178.1508	1.361
93.992	178.1508	1.361
94.625	179.4113	1.3691
94.934	179.4113	1.3759
95.359	179.4113	1.3799
95.992	183.1928	1.3907
96.094	183.1928	1.3921
96.459	183.1928	1.3961
97.992	190.3356	1.4191
98.131	190.3356	1.4218
98.566	190.3356	1.4272
99.992	195.3776	1.4474
101.99	200.4196	1.4771
103.25	200.4196	1.4947
103.34	200.4196	1.4974
103.92	211.3439	1.5041
103.99	211.3439	1.5055
105.99	214.9154	1.5339
107.04	225.8397	1.5501
107.06	225.8397	1.5501
107.13	225.8397	1.5528
107.23	225.8397	1.5528
107.34	225.8397	1.5514
107.36	225.8397	1.5514
107.9	225.8397	1.5622
107.99	225.8397	1.5622
109.99	230.0414	1.5933

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
56.953	71.58953	0.8385
56.992	71.58953	0.8371
57.032	71.58953	0.8371
57.074	71.58953	0.8385
57.149	71.58953	0.8371
57.317	71.58953	0.8358
57.345	71.58953	0.8358
57.366	71.58953	0.8358
57.385	71.58953	0.8358
57.401	71.58953	0.8358
57.418	71.58953	0.8331
57.995	71.58953	0.8479
58.929	71.58953	0.8655
58.963	71.58953	0.8641
59.004	71.58953	0.8641
59.071	71.58953	0.8668
59.115	71.58953	0.8668
59.303	71.58953	0.8641
59.34	71.58953	0.8655
59.361	71.58953	0.8655
59.375	71.58953	0.8628
59.391	71.58953	0.8655
59.746	77.15518	0.8749
59.995	77.15518	0.879
61.995	77.9191	0.9046
62.953	77.9191	0.9222
63.163	77.9191	0.9209
63.8	83.59388	0.9303
63.995	83.59388	0.9344
64.07	83.59388	0.9398
64.133	83.59388	0.9411
64.174	83.59388	0.9398
64.215	83.59388	0.9411
64.272	83.59388	0.9398
64.337	83.59388	0.9425
64.412	83.59388	0.9425
64.506	83.59388	0.9411
64.538	83.59388	0.9398
64.559	83.59388	0.9398
64.58	83.59388	0.9398
64.599	83.59388	0.9398
64.617	83.59388	0.9398
65.42	83.59388	0.956
65.917	83.59388	0.9654
65.995	83.59388	0.9641
66.107	83.59388	0.9641
67.243	86.64953	0.9816
67.994	86.64953	0.9938
69.186	91.56039	1.0086
69.906	91.56039	1.0221
69.949	91.56039	1.0235
69.991	91.56039	1.0248
69.994	91.56039	1.0248
70.033	91.56039	1.0248

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
38.252	91.90278	0.6103
38.35	91.90278	0.609
39.193	91.90278	0.6252
39.225	91.90278	0.6265
39.258	91.90278	0.6265
39.296	91.90278	0.6252
39.328	91.90278	0.6265
39.38	91.90278	0.6265
39.411	91.90278	0.6279
39.471	91.90278	0.6265
39.607	91.90278	0.6252
39.621	91.90278	0.6252
39.641	91.90278	0.6252
39.658	91.90278	0.6252
39.67	91.90278	0.6252
39.68	91.90278	0.6238
39.692	91.90278	0.6238
39.701	91.90278	0.6238
39.944	91.90278	0.636
39.972	91.90278	0.6346
39.997	91.90278	0.636
40.035	91.90278	0.636
40.108	91.90278	0.636
40.274	91.90278	0.636
40.295	91.90278	0.636
40.315	91.90278	0.6319
40.322	91.90278	0.636
40.347	92.81142	0.6346
40.446	92.81142	0.6414
40.697	92.81142	0.6414
41.533	92.81142	0.6576
41.581	92.81142	0.6589
41.627	92.81142	0.6589
41.761	92.81142	0.6535
41.778	92.81142	0.6576
41.792	92.81142	0.6562
41.997	95.92677	0.6603
42.084	95.92677	0.6657
42.106	95.92677	0.667
42.134	95.92677	0.667
42.166	95.92677	0.6684
42.319	95.92677	0.667
42.354	95.92677	0.6616
42.363	95.92677	0.667
42.377	95.92677	0.6657
42.629	95.92677	0.6738
42.665	95.92677	0.6751
42.678	95.92677	0.6765
42.698	95.92677	0.6778
42.717	95.92677	0.6765
42.731	95.92677	0.6778
42.751	95.92677	0.6778
42.77	95.92677	0.6778
42.79	95.92677	0.6765

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
34.058	211.9515	0.4888
34.095	211.9515	0.4888
34.118	211.9515	0.4874
34.146	211.9515	0.4901
34.159	211.9515	0.4861
34.178	211.9515	0.4861
34.191	211.9515	0.4834
34.204	215.0106	0.4888
34.233	222.5855	0.4901
35.751	222.5855	0.5171
35.81	222.5855	0.5185
35.845	222.5855	0.5198
35.875	222.5855	0.5212
35.925	222.5855	0.5225
35.997	222.5855	0.5185
36.034	222.5855	0.5171
36.059	222.5855	0.5171
36.079	222.5855	0.5185
36.101	222.5855	0.5171
36.116	222.5855	0.5144
36.135	224.0422	0.5158
36.159	231.7628	0.5185
37.854	231.7628	0.5468
37.966	231.7628	0.5455
37.997	233.2195	0.5482
38.042	240.9401	0.5468
39.83	240.9401	0.5765
39.891	240.9401	0.5765
39.997	240.9401	0.5738
40.017	240.9401	0.5752
40.039	246.9126	0.5752
41.401	254.4875	0.5968
41.796	254.4875	0.6063
41.828	254.4875	0.6076
41.857	254.4875	0.6076
41.89	254.4875	0.609
41.939	254.4875	0.6076
41.997	254.4875	0.6022
42.018	254.4875	0.6035
42.039	254.4875	0.6022
42.057	254.4875	0.6022
42.075	254.4875	0.6035
42.096	254.4875	0.6035
42.128	261.6254	0.6049
43.771	261.6254	0.6333
43.812	261.6254	0.6346
43.852	261.6254	0.6333
43.888	261.6254	0.6333
43.938	261.6254	0.6387
43.996	261.6254	0.6333
44.023	261.6254	0.6319
44.044	261.6254	0.6333
44.065	261.6254	0.6306
44.083	261.6254	0.6319

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.99	238.0245	1.623
113.44	248.9489	1.6419
113.57	248.9489	1.6446
113.99	248.9489	1.65
114.78	253.3606	1.6608
115.01	253.3606	1.6662
115.66	253.3606	1.6743
115.99	253.3606	1.6797
117.99	260.5035	1.708
119.21	260.5035	1.7269
119.35	260.5035	1.7256
119.99	267.6463	1.7377
121.5	278.5706	1.7593
121.53	278.5706	1.7607
121.99	278.5706	1.7674
123.48	284.2429	1.7863
123.99	284.2429	1.7958
125.36	290.1252	1.8147
125.99	290.1252	1.8242
127.54	299.3689	1.8471
127.99	299.3689	1.8539
129.34	305.8815	1.8741
129.63	305.8815	1.8782
129.99	305.8815	1.8836
131.32	312.3941	1.9011
131.99	312.3941	1.9119
133.04	318.0663	1.9268
133.99	318.0663	1.9389
135.28	325.2092	1.9605
135.99	325.2092	1.97
137.36	335.9234	1.9875
137.99	335.9234	1.9997
139.36	342.436	2.0159
139.88	342.436	2.0267
139.99	342.436	2.028
140.51	343.9066	2.0348
141.99	348.1083	2.0564
143.65	358.8225	2.0807
143.99	358.8225	2.0847
145.35	363.8645	2.105
145.99	364.4948	2.1158
147.37	375.4191	2.1334
147.99	375.4191	2.1442
149.42	385.5031	2.1644
149.68	385.5031	2.1685
149.99	385.5031	2.1712
151.64	391.8056	2.1955
151.99	394.7468	2.2022
153.96	405.461	2.2306
153.99	405.461	2.2306
155.92	414.0745	2.2589
155.95	414.0745	2.2603
155.99	414.0745	2.2589
156.22	414.0745	2.2616

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
70.083	91.56039	1.0262
70.294	91.56039	1.0235
70.318	91.56039	1.0235
70.336	91.56039	1.0221
70.353	91.56039	1.0248
70.364	91.56039	1.0194
71.699	96.14387	1.0464
71.994	96.14387	1.0491
73.326	99.09039	1.0707
73.394	99.09039	1.0734
73.52	99.09039	1.0721
73.968	99.09039	1.0829
73.994	99.09039	1.0802
74.165	99.09039	1.0815
74.765	99.09039	1.0937
74.935	99.09039	1.0923
74.996	103.2373	1.095
75.994	103.2373	1.1099
76.192	103.2373	1.1139
76.241	103.2373	1.1153
76.29	103.2373	1.1153
76.408	103.2373	1.1126
76.429	103.2373	1.1139
76.456	103.2373	1.1139
76.522	108.2573	1.1139
76.607	108.2573	1.122
76.63	108.2573	1.1193
76.673	108.2573	1.122
76.704	108.2573	1.122
76.763	108.2573	1.1234
76.806	108.2573	1.122
76.92	108.2573	1.122
76.944	108.2573	1.1207
76.973	108.2573	1.1193
76.993	108.2573	1.1207
77.014	108.2573	1.1193
77.055	108.2573	1.1234
77.244	108.2573	1.1301
77.276	108.2573	1.1301
77.327	108.2573	1.1315
77.422	108.2573	1.1288
77.463	108.2573	1.1274
77.496	108.2573	1.1288
77.994	108.2573	1.1396
78.309	108.2573	1.145
78.377	108.2573	1.1423
78.904	108.2573	1.1544
78.982	108.2573	1.1517
79.109	108.2573	1.1571
79.255	108.2573	1.1544
79.677	113.0591	1.1625
79.993	113.0591	1.1679
80.745	113.0591	1.1814
80.769	113.0591	1.1828

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
42.813	95.92677	0.6778
42.846	95.92677	0.6765
43.029	95.92677	0.6765
43.052	95.92677	0.6738
43.07	95.92677	0.6751
43.083	95.92677	0.6711
43.094	95.92677	0.6751
43.102	95.92677	0.6751
43.114	95.92677	0.6697
43.121	95.92677	0.6724
43.126	95.92677	0.6724
43.134	95.92677	0.6724
43.153	95.92677	0.6751
43.333	95.92677	0.6832
43.5	95.92677	0.6832
43.996	99.56135	0.6913
44.069	99.56135	0.694
44.138	99.56135	0.694
44.265	99.56135	0.6967
44.341	99.56135	0.6967
44.407	99.56135	0.6954
44.434	99.56135	0.6967
44.48	99.56135	0.7021
44.532	99.56135	0.7021
44.582	99.56135	0.6994
44.639	99.56135	0.6967
44.66	99.56135	0.7008
44.701	99.56135	0.7008
45.504	99.56135	0.7156
45.585	99.56135	0.7156
45.656	99.56135	0.7156
45.726	99.56135	0.7143
45.996	99.56135	0.7237
46.136	102.6767	0.7224
46.19	102.6767	0.7224
46.246	102.6767	0.721
46.591	102.6767	0.7305
46.626	102.6767	0.7278
46.693	102.6767	0.7345
46.714	102.6767	0.7332
46.736	102.6767	0.7345
46.752	102.6767	0.7359
46.765	102.6767	0.7372
46.784	102.6767	0.7332
46.804	102.6767	0.7359
46.825	102.6767	0.7359
46.845	102.6767	0.7345
46.866	102.6767	0.7359
46.888	102.6767	0.7372
46.949	102.6767	0.7359
47.012	102.6767	0.7345
47.027	102.6767	0.7345
47.067	102.6767	0.7332
47.085	102.6767	0.7359

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
44.101	261.6254	0.6346
44.123	267.1609	0.6333
45.405	274.8815	0.6549
45.727	274.8815	0.6616
45.752	274.8815	0.663
45.791	274.8815	0.667
45.813	274.8815	0.667
45.833	274.8815	0.6657
45.853	274.8815	0.6684
45.872	274.8815	0.667
45.892	274.8815	0.6684
45.912	274.8815	0.6684
45.934	274.8815	0.6697
45.967	274.8815	0.6684
45.996	274.8815	0.6657
46.081	274.8815	0.6643
46.115	274.8815	0.6616
46.144	274.8815	0.6616
46.173	274.8815	0.663
46.193	274.8815	0.663
46.206	274.8815	0.6616
46.223	274.8815	0.6616
46.235	274.8815	0.6603
46.245	274.8815	0.6589
46.257	274.8815	0.6589
46.267	274.8815	0.6603
46.281	277.3579	0.663
46.318	284.9328	0.667
46.516	284.9328	0.6711
47.619	284.9328	0.6859
47.717	284.9328	0.6913
47.797	284.9328	0.6927
47.839	284.9328	0.6927
47.908	284.9328	0.6927
47.996	284.9328	0.6913
48.009	284.9328	0.69
48.029	284.9328	0.6886
48.048	284.9328	0.69
48.066	284.9328	0.6913
48.089	290.0313	0.6927
49.796	290.0313	0.7224
49.837	290.0313	0.7224
49.917	290.0313	0.7224
49.996	290.0313	0.7183
50.015	290.0313	0.7183
50.029	290.0313	0.7183
50.055	295.5668	0.721
50.087	303.1417	0.721
51.751	303.1417	0.7507
51.804	303.1417	0.7507
51.834	303.1417	0.7534
51.876	303.1417	0.7521
51.927	303.1417	0.7534
51.996	303.1417	0.7494

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
157.54	422.6879	2.2805
157.99	422.6879	2.2886
159.3	427.5198	2.3048
159.99	427.5198	2.3183
161.45	437.6038	2.3386
161.99	438.8643	2.3467
163.99	445.3769	2.3764
165.99	451.6794	2.4047
167.35	462.3936	2.4236
167.99	462.3936	2.4331
169.35	470.3768	2.452
169.99	470.3768	2.4628
171.33	478.7802	2.4804
171.99	480.881	2.4925
173.99	488.0238	2.5209
175.53	498.7381	2.5425
175.99	499.3683	2.5506
177.69	510.0826	2.5735
177.99	510.0826	2.5789
179.35	515.7548	2.5978
179.99	519.9565	2.6073
181.8	530.6708	2.6343
181.99	530.6708	2.637
182.91	536.343	2.6491
183.99	542.0153	2.6653
185.92	552.7295	2.6937
185.98	552.7295	2.695
187.82	561.9732	2.7207
187.98	561.9732	2.7234
189.56	566.8051	2.7464
189.98	568.9059	2.7531
190.22	568.9059	2.7558
191.39	568.9059	2.772
191.98	573.9479	2.7801
193.39	584.6622	2.8004
193.98	584.6622	2.8098
194.39	590.9647	2.8152
195.98	594.326	2.8395
196.43	605.2504	2.8463
197.98	611.5529	2.8679
199.29	622.2671	2.8868
199.98	622.2671	2.8976
200.65	632.1411	2.9057
200.74	632.1411	2.907
201.26	632.1411	2.9151
201.98	637.8133	2.9259
203.36	648.3175	2.9448
203.98	649.7881	2.9556
205.3	660.5023	2.9745
205.98	660.5023	2.984
206.7	670.3762	2.9934
207.98	678.1493	3.0123
209.98	686.5527	3.0421
210.65	697.2669	3.0502

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
80.843	113.0591	1.1814
80.912	113.0591	1.1841
80.978	113.0591	1.1787
81.014	113.0591	1.1814
81.029	113.0591	1.1801
81.051	113.0591	1.1801
81.09	116.1147	1.1828
81.158	116.1147	1.1868
81.296	116.1147	1.1841
81.506	116.1147	1.1895
81.677	116.1147	1.1895
81.993	116.1147	1.1976
83.294	118.4065	1.2138
83.36	118.4065	1.2192
83.399	118.4065	1.2152
83.473	118.4065	1.2206
83.527	118.4065	1.2192
83.57	118.4065	1.2165
83.62	118.4065	1.2192
83.993	118.4065	1.2287
84.165	118.7339	1.2274
84.335	118.7339	1.2328
84.376	118.7339	1.2341
84.397	118.7339	1.2341
84.425	118.7339	1.2328
84.482	118.7339	1.2355
84.506	118.7339	1.2368
84.527	118.7339	1.2368
84.738	118.7339	1.2341
84.771	118.7339	1.2355
84.788	118.7339	1.2355
84.81	118.7339	1.2341
84.829	118.7339	1.2314
84.842	118.7339	1.2314
84.857	118.7339	1.2314
85.754	124.4086	1.2517
85.993	124.4086	1.253
86.733	127.4643	1.2679
86.824	127.4643	1.2692
86.971	127.4643	1.2638
87.028	127.4643	1.2719
87.216	127.4643	1.2692
87.301	127.4643	1.276
87.377	127.4643	1.2719
87.464	127.4643	1.2773
87.488	127.4643	1.2746
87.705	127.4643	1.2773
87.728	127.4643	1.276
87.989	127.4643	1.2868
87.993	127.4643	1.2868
88.179	127.7917	1.2841
88.241	133.4665	1.2841
88.305	133.4665	1.2895
88.78	133.4665	1.2962

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
47.096	102.6767	0.7332
47.111	102.6767	0.7332
47.125	102.6767	0.7332
47.134	102.6767	0.7332
47.141	102.6767	0.7278
47.151	102.6767	0.7318
47.159	102.6767	0.7332
47.178	102.6767	0.7305
47.334	109.4266	0.7372
47.402	109.4266	0.7426
47.466	109.4266	0.7426
47.493	109.4266	0.7453
47.522	109.4266	0.744
47.552	109.4266	0.7467
47.572	109.4266	0.7426
47.623	109.4266	0.7467
47.678	109.4266	0.744
47.714	109.4266	0.7453
47.805	109.4266	0.7426
47.817	109.4266	0.7453
47.835	109.4266	0.744
47.845	109.4266	0.744
47.896	109.4266	0.7494
47.996	109.4266	0.7521
48.015	109.4266	0.7534
48.042	109.4266	0.7467
48.087	109.4266	0.7534
48.275	109.4266	0.7494
48.293	109.4266	0.7548
48.315	109.4266	0.7494
49.053	114.4891	0.7615
49.14	114.4891	0.7683
49.299	114.4891	0.7642
49.459	114.4891	0.7737
49.618	114.4891	0.7723
49.996	115.3977	0.7764
50.18	122.1476	0.7831
50.309	122.1476	0.7831
50.396	122.1476	0.7845
50.486	122.1476	0.7858
50.582	122.1476	0.7858
50.626	122.1476	0.7858
50.667	122.1476	0.7899
50.697	122.1476	0.7912
50.718	122.1476	0.7912
50.739	122.1476	0.7926
50.758	122.1476	0.7912
50.782	122.1476	0.7912
50.824	122.1476	0.7939
50.882	122.1476	0.7926
51	122.1476	0.7885
51.013	122.1476	0.7912
51.029	122.1476	0.7899
51.038	122.1476	0.7912

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
52.022	303.1417	0.748
52.043	303.1417	0.748
52.064	303.1417	0.748
52.082	303.1417	0.748
52.095	303.1417	0.748
52.115	308.6772	0.7494
53.405	316.2521	0.771
53.752	316.2521	0.7764
53.838	316.2521	0.7777
53.996	316.2521	0.7777
54.011	316.2521	0.775
54.042	322.9529	0.7791
55.754	322.9529	0.8061
55.798	322.9529	0.8101
55.829	322.9529	0.8101
55.859	322.9529	0.8101
55.891	322.9529	0.8101
55.921	322.9529	0.8128
55.961	322.9529	0.8128
55.995	322.9529	0.8088
56.039	322.9529	0.8074
56.068	322.9529	0.8074
56.092	322.9529	0.8061
56.118	322.9529	0.8074
56.131	322.9529	0.8047
56.147	322.9529	0.8088
56.161	322.9529	0.8047
56.179	328.3428	0.8088
56.202	336.0633	0.8088
57.775	336.0633	0.8371
57.837	336.0633	0.8385
57.895	336.0633	0.8358
57.995	336.0633	0.8331
58.012	336.0633	0.8358
58.027	336.0633	0.8331
58.056	338.9768	0.8358
58.107	346.6973	0.8371
59.762	346.6973	0.8655
59.822	346.6973	0.8668
59.883	346.6973	0.8668
59.995	346.6973	0.8641
60.013	346.6973	0.8628
60.031	346.6973	0.8641
60.046	347.1343	0.8641
60.073	354.7092	0.8655
61.86	354.7092	0.8952
61.968	354.7092	0.8938
61.995	357.6227	0.8938
62.011	365.3432	0.8938
63.353	372.9181	0.9141
63.756	372.9181	0.9236
63.817	372.9181	0.9236
63.858	372.9181	0.9263
63.899	372.9181	0.9263

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
211.98	702.0988	3.0718
213.35	712.8131	3.0907
213.98	713.4434	3.1001
214.94	724.1576	3.115
215.39	724.1576	3.1217
215.44	724.1576	3.1204
215.98	724.1576	3.1298
216.56	724.1576	3.1379
216.96	724.1576	3.142
217.02	724.1576	3.1447
217.38	724.1576	3.1487
217.98	725.8383	3.1568
218.52	736.5525	3.1649
219.98	736.5525	3.1865
220.45	747.2668	3.1946
221.86	757.771	3.2135
221.98	757.771	3.2162
222.51	761.3424	3.223
223.75	771.8465	3.2419
223.98	771.8465	3.2446
224.65	778.1491	3.2554
225.04	778.1491	3.2608
225.27	778.1491	3.2635
225.98	785.2919	3.2743
227.28	795.7961	3.2932
227.98	795.7961	3.3026
228.55	806.5103	3.3107
229.08	806.5103	3.3188
229.27	806.5103	3.3202
229.98	807.7708	3.3323
230.71	818.4851	3.3418
230.92	818.4851	3.3459
231.33	818.4851	3.3499
231.98	818.4851	3.3607
232.67	828.1489	3.3702
233.87	838.6531	3.3877
233.92	838.6531	3.3904
233.98	838.6531	3.3891
234.58	838.6531	3.3985
235.98	839.2833	3.4174
236.63	849.7875	3.4282
237.12	849.7875	3.435
237.33	849.7875	3.4377
237.98	849.7875	3.4485
238.88	859.6614	3.4606
239.98	862.3925	3.4768
240.75	872.8967	3.4876
241.08	872.8967	3.493
241.32	872.8967	3.4957
241.98	872.8967	3.5065
242.73	882.7706	3.516
243.12	882.7706	3.5241
243.29	882.7706	3.5254
243.98	884.6614	3.5335

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
88.953	133.4665	1.2976
89.019	133.4665	1.2962
89.209	133.4665	1.3003
89.253	133.4665	1.3003
89.342	133.4665	1.307
89.404	133.4665	1.307
89.509	133.4665	1.303
89.561	133.4665	1.307
89.993	134.9943	1.3111
90.346	134.9943	1.3165
90.472	134.9943	1.3178
91.002	134.9943	1.3286
91.069	134.9943	1.3273
91.225	134.9943	1.3327
91.362	134.9943	1.3313
91.448	140.6691	1.3313
91.574	140.6691	1.3367
91.605	140.6691	1.3381
91.785	140.6691	1.334
91.815	140.6691	1.3354
91.992	140.6691	1.3421
92.322	140.6691	1.3475
92.448	140.6691	1.3448
92.524	142.5243	1.3489
92.72	142.5243	1.3543
92.848	142.5243	1.3516
93.44	142.5243	1.361
93.669	142.5243	1.3637
93.894	148.1991	1.3664
93.963	148.1991	1.3718
93.992	148.1991	1.3705
94.436	148.963	1.3718
94.699	148.963	1.384
94.857	148.963	1.3799
95.62	148.963	1.3948
95.759	148.963	1.3934
95.81	154.6378	1.3948
95.992	154.6378	1.4002
96.088	155.7291	1.3975
96.141	155.7291	1.4002
96.195	155.7291	1.4029
96.236	155.7291	1.4029
96.298	155.7291	1.4069
96.457	155.7291	1.4042
96.485	155.7291	1.4015
96.506	155.7291	1.3988
96.536	155.7291	1.4029
96.974	155.7291	1.4123
97.112	155.7291	1.415
97.619	155.7291	1.4245
97.698	155.7291	1.4245
97.786	155.7291	1.4231
97.828	155.7291	1.4231
97.949	161.4038	1.4245

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
51.058	122.1476	0.7899
51.071	122.1476	0.7885
51.08	122.1476	0.7899
51.09	122.1476	0.7885
51.102	122.1476	0.7899
51.996	124.3543	0.8074
52.028	124.3543	0.8074
52.103	124.3543	0.8101
52.149	124.3543	0.8061
52.178	124.3543	0.8047
52.42	124.3543	0.8128
52.517	124.3543	0.8142
52.568	131.2341	0.8182
52.593	131.2341	0.8182
52.614	131.2341	0.8169
52.683	131.2341	0.8196
52.704	131.2341	0.8209
52.723	131.2341	0.8209
52.742	131.2341	0.8223
52.756	131.2341	0.8223
52.768	131.2341	0.8223
52.786	131.2341	0.8223
52.806	131.2341	0.8209
52.827	131.2341	0.8209
52.858	131.2341	0.8223
52.976	131.2341	0.8209
52.997	131.2341	0.8209
53.015	131.2341	0.8223
53.03	131.2341	0.8182
53.039	131.2341	0.8182
53.05	131.2341	0.8169
53.059	131.2341	0.8142
53.067	131.2341	0.8155
53.071	131.2341	0.8155
53.08	131.2341	0.8182
53.09	131.2341	0.8196
53.111	131.2341	0.8182
53.229	131.2341	0.825
53.279	131.2341	0.8277
53.408	131.2341	0.8277
53.499	131.2341	0.8304
53.598	131.2341	0.8331
53.657	131.2341	0.8317
53.737	131.2341	0.8304
53.85	131.2341	0.8371
53.996	132.1427	0.8385
54.068	132.1427	0.8398
54.318	132.1427	0.8385
54.421	132.1427	0.8439
54.493	132.1427	0.8425
54.682	132.1427	0.8493
54.703	132.1427	0.8506
54.722	132.1427	0.8493
54.742	132.1427	0.8506

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.942	372.9181	0.9236
63.995	372.9181	0.9263
64.037	372.9181	0.9222
64.059	372.9181	0.9209
64.079	372.9181	0.9222
64.099	372.9181	0.9209
64.119	374.3748	0.9249
64.15	381.9497	0.9249
65.995	387.0482	0.9519
66.968	394.4775	0.9668
67.802	394.4775	0.9816
67.862	394.4775	0.983
67.994	394.4775	0.9789
68.012	394.4775	0.9789
68.033	400.1586	0.9816
69.211	407.5879	1.0019
69.994	408.6076	1.0113
70.051	416.1825	1.0127
71.796	416.1825	1.0397
71.835	416.1825	1.041
71.87	416.1825	1.0424
71.919	416.1825	1.0424
71.994	416.1825	1.0397
72.037	416.1825	1.0383
72.057	416.1825	1.0383
72.072	416.1825	1.037
72.089	416.1825	1.037
72.106	421.281	1.0397
72.128	428.8559	1.0397
73.985	436.2851	1.068
73.994	437.3048	1.068
75.171	444.8797	1.0856
75.793	444.8797	1.0977
75.95	444.8797	1.0964
75.994	444.8797	1.0977
76.125	452.4546	1.1018
77.759	452.4546	1.1261
77.81	437.0134	1.1288
77.84	429.4385	1.1288
77.877	421.8636	1.1274
77.922	414.2887	1.1301
77.994	411.2296	1.1274
78.041	418.8045	1.1261
78.063	426.3794	1.1247
78.083	434.1	1.1247
78.101	441.6749	1.1234
78.114	449.2498	1.122
78.128	456.9704	1.1261
78.143	464.5453	1.1274
79.384	471.9745	1.149
79.734	464.3996	1.1544
79.787	456.8247	1.1571
79.828	449.1041	1.1571
79.876	441.5292	1.1558

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
245.27	895.1655	3.5524
245.98	898.7369	3.5632
246.57	909.2411	3.5713
246.84	909.2411	3.5754
247.26	909.2411	3.5808
247.98	913.4428	3.5943
248.81	923.947	3.6037
248.94	923.947	3.6078
249.33	923.947	3.6118
249.98	925.2075	3.6213
250.97	935.9217	3.6361
251.02	935.9217	3.6388
251.1	935.9217	3.6402
251.24	935.9217	3.6388
251.26	935.9217	3.6402
251.98	935.9217	3.6497
252.91	944.115	3.6645
253.98	948.9469	3.6794
255.37	959.4511	3.6996
255.98	959.4511	3.7077
257.31	969.9552	3.7266
257.98	969.9552	3.7374
259.27	978.9888	3.7563
259.98	981.7199	3.7671
260.34	981.7199	3.7725
260.57	981.7199	3.7752
261.98	985.7115	3.7955
263.33	996.8459	3.8144
263.98	997.4762	3.8252
265.49	1008.611	3.8468
265.98	1008.611	3.8535
267.4	1018.274	3.8738
267.98	1018.274	3.8819
269.98	1020.795	3.9116
271.27	1031.93	3.9305
271.98	1034.661	3.9413
273.26	1045.795	3.9589
273.98	1052.098	3.9697
275.98	1061.131	3.998
276.92	1061.131	4.0129
277.29	1061.131	4.0169
277.98	1065.123	4.0264
279.16	1065.123	4.0453
279.98	1065.123	4.0561
280.73	1065.123	4.0669
281.98	1065.753	4.0844
282.79	1076.257	4.0966
283.98	1076.888	4.1141
285.98	1083.61	4.1425
287.41	1094.745	4.1641
287.98	1094.745	4.1735
289.34	1102.308	4.1924
289.98	1102.308	4.2005
290.5	1110.501	4.2086

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.992	161.7312	1.4299
98.07	161.7312	1.4326
98.248	161.7312	1.4312
98.325	161.7312	1.4326
98.469	161.7312	1.4326
98.838	161.7312	1.4434
99.026	161.7312	1.442
99.795	167.406	1.4542
99.992	167.406	1.4582
100.48	167.406	1.465
100.57	167.406	1.4636
101.27	171.8804	1.4758
101.39	171.8804	1.4785
101.7	171.8804	1.4812
101.99	174.1721	1.4879
102.11	174.1721	1.4906
102.27	174.1721	1.4879
102.98	174.1721	1.5028
103.13	174.1721	1.5001
103.19	179.8469	1.5028
103.42	179.8469	1.5068
103.46	179.8469	1.5055
103.55	179.8469	1.5109
103.7	179.8469	1.5109
103.99	179.8469	1.5149
104.06	179.8469	1.5163
104.12	179.8469	1.5163
104.29	183.2299	1.519
104.41	183.2299	1.5244
104.53	183.2299	1.5217
104.95	183.2299	1.5312
105.07	183.2299	1.5285
105.18	183.2299	1.5325
105.31	183.2299	1.5298
105.61	183.2299	1.5406
105.64	183.2299	1.5406
105.66	183.2299	1.542
105.7	183.2299	1.542
105.74	183.2299	1.542
105.77	183.2299	1.5433
105.81	183.2299	1.5447
105.96	183.2299	1.5406
105.98	183.2299	1.5406
105.99	183.2299	1.5406
106.01	183.2299	1.5379
106.02	183.2299	1.5406
106.03	183.2299	1.5366
106.04	183.2299	1.5379
106.06	188.4682	1.5433
106.2	188.4682	1.5487
106.31	188.4682	1.546
107.52	194.143	1.5663
107.56	194.143	1.5703
107.6	194.143	1.5703

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
54.757	132.1427	0.852
54.775	132.1427	0.8506
54.805	132.1427	0.852
54.836	132.1427	0.8506
54.866	132.1427	0.852
54.896	132.1427	0.8506
54.927	132.1427	0.852
55.053	132.1427	0.8506
55.067	132.1427	0.8466
55.088	132.1427	0.8493
55.106	132.1427	0.852
55.118	132.1427	0.8479
55.128	132.1427	0.8466
55.136	132.1427	0.8493
55.146	132.1427	0.8479
55.154	132.1427	0.8493
55.164	132.1427	0.8479
55.175	132.1427	0.8506
55.198	138.8926	0.8533
55.287	138.8926	0.8574
55.355	138.8926	0.8547
55.41	138.8926	0.8601
55.44	138.8926	0.8601
55.48	138.8926	0.8601
55.525	138.8926	0.8587
55.61	138.8926	0.8614
55.678	138.8926	0.8628
55.701	138.8926	0.8587
55.774	138.8926	0.8641
55.995	138.8926	0.8655
56.045	138.8926	0.8682
56.173	138.8926	0.8655
56.363	138.8926	0.8736
56.461	138.8926	0.8682
56.68	138.8926	0.879
56.7	138.8926	0.879
56.719	138.8926	0.879
56.734	138.8926	0.879
56.754	138.8926	0.879
56.775	138.8926	0.8803
56.797	138.8926	0.8803
56.815	138.8926	0.8803
56.836	138.8926	0.8803
56.863	138.8926	0.8803
56.884	138.8926	0.8803
56.926	138.8926	0.8803
57.012	138.8926	0.8776
57.028	138.8926	0.879
57.047	138.8926	0.879
57.061	138.8926	0.8749
57.069	138.8926	0.8763
57.076	138.8926	0.8749
57.085	138.8926	0.8749
57.092	138.8926	0.8749

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
79.931	433.9543	1.1571
79.993	434.3914	1.1558
80.019	442.1119	1.1531
80.04	449.6868	1.1531
80.059	457.2617	1.1517
80.07	464.9823	1.1531
80.088	472.5572	1.1544
80.121	480.1321	1.1571
81.807	472.4115	1.1855
81.952	479.9864	1.1841
81.993	487.1243	1.1841
82.948	494.6992	1.1976
83.835	486.9786	1.2139
83.969	494.5535	1.2112
83.993	501.1087	1.2139
85.948	508.6836	1.2422
85.993	512.7624	1.2422
87.322	520.1917	1.2625
87.776	512.6168	1.2706
87.937	520.1917	1.2706
87.993	525.2902	1.2733
89.062	532.7194	1.2895
89.795	525.1445	1.3003
89.937	532.7194	1.2989
89.993	537.8179	1.3003
90.936	545.2471	1.3151
91.77	537.5265	1.33
91.806	529.9516	1.3286
91.862	522.3767	1.3286
91.906	514.8018	1.3313
91.912	507.2269	1.3327
91.915	499.5064	1.3313
91.956	491.9315	1.334
91.992	490.4747	1.33
92.083	498.0496	1.3286
92.105	505.6245	1.3273
92.125	513.1994	1.3273
92.144	520.92	1.3273
92.156	528.4949	1.3273
92.169	536.0698	1.3273
92.183	543.6447	1.33
92.195	551.2196	1.33
92.208	558.9402	1.3313
93.737	551.0739	1.357
93.799	543.499	1.3583
93.898	535.9241	1.357
93.965	543.499	1.3556
93.981	551.0739	1.357
93.992	555.7354	1.3556
94.01	563.3103	1.3556
94.043	570.8852	1.3597
95.733	563.1646	1.3867
95.773	555.5897	1.3853
95.797	547.8692	1.388

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
291.21	1110.501	4.2194
291.3	1110.501	4.2194
291.98	1110.501	4.2302
293.36	1117.854	4.2491
293.55	1117.854	4.2532
293.98	1117.854	4.26
295.38	1125.417	4.2789
295.98	1125.417	4.2883
297.82	1130.039	4.314
297.98	1130.039	4.318
299.01	1130.039	4.3329
299.24	1130.039	4.3356
299.98	1130.879	4.3464
301.32	1142.014	4.3653
301.98	1144.114	4.3734
303.98	1150.837	4.4044
305.42	1161.971	4.4247
305.97	1161.971	4.4341
307.06	1161.971	4.449
307.16	1161.971	4.449
307.39	1168.694	4.453
307.6	1168.694	4.4557
307.97	1168.694	4.4625
309.6	1175.417	4.4854
309.97	1175.417	4.4895
311.15	1175.417	4.507
311.23	1172.266	4.5084
311.97	1176.257	4.5205
313.97	1176.677	4.5489
315.97	1183.4	4.5786
315.99	1172.686	4.5786
315.99	1162.182	4.5786
316.17	1172.686	4.58
316.22	1183.4	4.5813
317.97	1189.492	4.6056
319.97	1193.274	4.6353
321.97	1192.224	4.665
323.97	1196.845	4.6947
324.93	1185.921	4.7096
325.97	1181.509	4.7231
327.05	1170.795	4.7379
327.11	1181.299	4.7393
327.97	1181.929	4.7514
329.97	1185.081	4.7811
331.97	1183.4	4.8095
333.97	1187.812	4.8378
335.97	1193.904	4.8676
337.97	1192.854	4.8973
338.81	1182.139	4.9094
339.97	1185.501	4.9256
341.54	1174.576	4.9486
341.6	1185.081	4.9486
341.9	1174.576	4.9526
341.97	1174.576	4.9553

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
107.62	194.143	1.5717
107.64	194.143	1.5717
107.66	194.143	1.5717
107.68	194.143	1.5717
107.7	194.143	1.5717
107.73	194.143	1.5717
107.76	194.143	1.573
107.8	194.143	1.5717
107.86	194.143	1.573
107.91	194.143	1.569
107.93	194.143	1.5676
107.95	194.143	1.5703
107.96	194.143	1.5676
107.98	194.143	1.569
107.99	194.143	1.5663
107.99	194.143	1.5663
108	194.143	1.5649
108.02	194.143	1.5676
108.03	194.143	1.569
108.04	194.143	1.569
108.07	198.2899	1.573
108.19	198.2899	1.5771
108.89	198.2899	1.5838
109.22	198.2899	1.5906
109.27	198.2899	1.5892
109.61	198.2899	1.5973
109.75	198.2899	1.596
109.93	203.8556	1.6014
109.99	203.8556	1.6041
110.2	203.8556	1.6068
110.2	203.8556	1.6081
110.2	203.8556	1.6081
110.21	203.8556	1.6068
110.23	203.8556	1.6081
110.25	203.8556	1.6095
110.27	203.8556	1.6068
110.31	203.8556	1.6081
110.35	203.8556	1.6095
110.52	203.8556	1.6081
110.54	203.8556	1.6081
110.56	203.8556	1.6068
110.57	203.8556	1.6081
110.58	203.8556	1.6041
110.59	203.8556	1.6041
110.6	203.8556	1.6081
110.62	203.8556	1.6068
110.63	203.8556	1.6068
110.65	208.439	1.6108
110.75	208.439	1.6135
111.58	208.439	1.6284
111.62	208.439	1.627
111.66	208.439	1.627
111.72	208.439	1.6284
111.82	208.439	1.6257

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
57.099	138.8926	0.8763
57.106	138.8926	0.8763
57.115	138.8926	0.8749
57.128	138.8926	0.8736
57.145	145.6425	0.879
57.378	145.6425	0.8871
57.69	145.6425	0.8871
57.756	145.6425	0.8938
57.851	145.6425	0.8911
57.91	145.6425	0.8965
57.937	145.6425	0.8952
57.977	145.6425	0.8938
57.995	145.6425	0.8965
58.078	145.6425	0.8979
58.158	145.6425	0.8952
58.171	145.6425	0.8965
58.715	145.6425	0.9073
58.737	145.6425	0.9073
58.758	145.6425	0.9087
58.779	145.6425	0.9073
58.802	145.6425	0.9087
58.833	145.6425	0.9087
58.869	145.6425	0.9087
58.9	145.6425	0.9087
58.955	145.6425	0.91
59.008	145.6425	0.9073
59.021	145.6425	0.906
59.04	145.6425	0.9073
59.054	145.6425	0.9046
59.064	145.6425	0.9046
59.07	145.6425	0.9087
59.114	145.6425	0.9087
59.136	145.6425	0.9087
59.162	145.6425	0.9087
59.244	150.5752	0.91
59.466	150.5752	0.9168
59.995	150.5752	0.9249
60.166	150.5752	0.9263
60.318	150.5752	0.9276
60.695	150.5752	0.9371
60.716	150.5752	0.9371
60.744	150.5752	0.9357
60.765	150.5752	0.9371
60.788	150.5752	0.9371
60.819	150.5752	0.9384
60.85	150.5752	0.9384
60.891	150.5752	0.9384
60.95	150.5752	0.9398
60.997	150.5752	0.9357
61.017	150.5752	0.9344
61.029	150.5752	0.9344
61.038	150.5752	0.9371
61.057	150.5752	0.9357
61.07	150.5752	0.9317

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
95.835	540.2943	1.388
95.868	532.7194	1.3894
95.893	525.1445	1.3907
95.915	517.5696	1.388
95.951	509.849	1.3894
95.992	509.412	1.3894
96.065	516.9869	1.3894
96.098	524.5618	1.388
96.119	532.1367	1.3867
96.138	539.8573	1.3867
96.15	547.4322	1.3853
96.162	555.0071	1.3853
96.178	562.582	1.3867
96.189	570.1569	1.3853
96.201	577.8774	1.3867
96.22	585.4523	1.3907
97.794	577.5861	1.415
97.921	585.3067	1.4164
97.973	592.8816	1.4164
97.992	593.3186	1.4164
99.062	600.8935	1.4339
99.731	593.1729	1.4447
99.792	585.598	1.4461
99.851	578.0231	1.4461
99.914	570.4482	1.4434
99.975	578.0231	1.4434
99.992	584.5783	1.442
100.01	592.1532	1.442
100.02	599.7281	1.4434
100.05	607.303	1.4461
101.97	614.7322	1.4731
101.99	618.811	1.4744
103.57	626.2403	1.4974
103.69	618.6654	1.5014
103.79	611.0905	1.5014
103.95	618.6654	1.5014
103.97	626.2403	1.5028
103.99	630.319	1.5055
105.32	637.7483	1.5217
105.69	630.0277	1.5312
105.78	622.4528	1.5325
105.9	614.8779	1.5325
105.93	622.4528	1.5312
105.96	630.1734	1.5285
105.98	637.7483	1.5298
105.99	638.6223	1.5312
106.02	646.3429	1.5325
107.79	638.4766	1.5609
107.93	646.0515	1.5609
107.99	651.15	1.5622
108.93	658.5792	1.5757
109.79	651.0043	1.5892
109.94	658.5792	1.5906
109.99	665.1345	1.5892

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
343.27	1185.501	4.9742
343.97	1186.761	4.9837
345.97	1189.913	5.0134
346.75	1201.047	5.0242
347.07	1190.543	5.0296
347.65	1201.677	5.0377
347.97	1200.207	5.0417
349.97	1199.156	5.0714
351	1188.232	5.0863
351.47	1199.576	5.0917
351.97	1194.534	5.0998
353.97	1193.484	5.1281
355.97	1192.434	5.1578
357.97	1196.845	5.1876
359.97	1196.635	5.2146
361.97	1201.047	5.2443
362.41	1190.543	5.251
363.97	1190.123	5.274
364.39	1179.618	5.2794
364.87	1190.753	5.2861
365.12	1180.249	5.2902
365.2	1190.753	5.2915
365.5	1180.039	5.2956
365.69	1191.383	5.2983
365.97	1189.072	5.3037
367.12	1178.358	5.3185
367.2	1189.703	5.3199
367.5	1178.988	5.3253
367.64	1189.492	5.3253
367.97	1189.492	5.332
368.96	1178.778	5.3455
369.97	1177.097	5.3604
370.34	1166.593	5.3658
371.12	1155.879	5.3766
371.97	1161.341	5.3901
373.25	1172.476	5.4063
373.97	1171.635	5.4198
375.97	1172.686	5.4468
376.64	1161.971	5.4562
377.97	1160.291	5.4752
379.97	1157.77	5.5062
381.97	1153.358	5.5346
383.97	1146.635	5.5629
385.68	1135.921	5.5886
385.8	1147.056	5.5899
385.97	1144.955	5.594
387.52	1134.24	5.6156
387.75	1145.375	5.6183
387.97	1144.535	5.621
388.34	1134.03	5.6264
388.76	1145.165	5.6318
388.93	1134.661	5.6358
389.97	1140.753	5.6507
390.47	1130.039	5.6588

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.84	208.439	1.6284
111.86	208.439	1.6243
111.88	208.439	1.6243
111.89	208.439	1.6257
111.99	210.949	1.6338
112.03	210.949	1.6365
112.16	211.0582	1.6324
112.53	211.0582	1.6378
112.67	211.0582	1.6405
113.16	216.6238	1.6473
113.21	216.6238	1.65
113.25	216.6238	1.65
113.4	216.6238	1.6486
113.82	216.6238	1.6567
113.99	216.6238	1.6594
114.89	216.6238	1.6729
115	216.6238	1.6729
115.06	221.8621	1.6729
115.19	221.8621	1.6783
115.4	221.8621	1.6783
115.57	221.8621	1.6851
115.6	221.8621	1.6864
115.62	221.8621	1.6878
115.63	221.8621	1.6878
115.65	221.8621	1.6878
115.67	221.8621	1.6878
115.69	221.8621	1.6878
115.71	221.8621	1.6891
115.73	221.8621	1.6891
115.75	221.8621	1.6891
115.79	221.8621	1.6878
115.83	221.8621	1.6878
115.9	221.8621	1.6851
115.92	221.8621	1.6864
115.94	221.8621	1.6864
115.95	221.8621	1.6851
115.96	221.8621	1.6837
115.97	221.8621	1.6824
115.98	221.8621	1.6824
115.99	221.8621	1.6824
115.99	221.8621	1.6837
116	221.8621	1.6824
116.02	221.8621	1.6824
116.03	221.8621	1.6837
116.04	222.2986	1.6851
116.06	227.8642	1.6891
116.21	227.8642	1.6959
116.25	227.8642	1.6918
116.42	227.8642	1.6918
116.5	227.8642	1.6986
116.65	227.8642	1.6986
116.86	227.8642	1.7026
117.61	227.8642	1.7148
117.63	227.8642	1.7161

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
61.079	150.5752	0.933
61.089	150.5752	0.9344
61.097	150.5752	0.933
61.112	152.3925	0.9344
61.237	152.3925	0.9438
61.26	152.3925	0.9452
61.328	152.3925	0.9398
61.357	152.3925	0.9411
61.408	152.3925	0.9384
61.458	152.3925	0.9425
61.629	152.3925	0.9479
61.675	152.3925	0.9452
61.731	152.3925	0.9519
61.783	152.3925	0.9492
61.839	152.3925	0.9492
61.898	152.3925	0.9519
61.995	152.3925	0.9519
62.372	157.7145	0.96
62.406	157.7145	0.9587
62.617	157.7145	0.9614
62.68	157.7145	0.9641
62.693	157.7145	0.9668
62.712	157.7145	0.9654
62.731	157.7145	0.9654
62.747	157.7145	0.9668
62.769	157.7145	0.9641
62.795	157.7145	0.9654
62.817	157.7145	0.9668
62.847	157.7145	0.9668
62.88	157.7145	0.9681
62.908	157.7145	0.9681
62.947	157.7145	0.9654
62.976	157.7145	0.9641
62.996	157.7145	0.9654
63.012	157.7145	0.9668
63.024	157.7145	0.9614
63.033	157.7145	0.9641
63.039	157.7145	0.9614
63.049	157.7145	0.9627
63.059	157.7145	0.9614
63.07	157.7145	0.9627
63.078	157.7145	0.9614
63.088	157.7145	0.9614
63.108	157.7145	0.9654
63.421	157.7145	0.9735
63.589	157.7145	0.9735
63.995	159.1424	0.9816
64.304	159.1424	0.9857
64.411	159.1424	0.9857
64.686	159.1424	0.9951
64.699	159.1424	0.9951
64.71	159.1424	0.9965
64.723	159.1424	0.9965
64.738	159.1424	0.9965

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.02	672.5637	1.6054
111.81	664.9888	1.6176
111.93	672.5637	1.6189
111.99	678.0992	1.6203
112.32	685.6741	1.6243
113.75	677.8078	1.6486
113.78	670.2329	1.6486
113.82	662.658	1.6486
113.96	670.2329	1.6459
113.98	677.8078	1.6459
113.99	681.8866	1.6459
114.01	689.4615	1.6473
114.04	697.0364	1.6473
115.76	689.3159	1.677
115.82	681.741	1.677
115.97	689.3159	1.677
115.99	696.8908	1.6756
115.99	698.9302	1.6756
116.01	706.5051	1.6783
117.97	713.7886	1.7053
117.99	716.8477	1.7067
119.73	709.1271	1.7337
119.78	701.5522	1.735
119.83	693.9773	1.735
119.99	701.5522	1.7323
119.99	705.0483	1.735
120.01	712.6232	1.7323
120.03	720.1981	1.7337
120.05	727.773	1.7364
121.63	735.2023	1.7593
121.68	727.4817	1.7634
121.72	719.9068	1.7634
121.76	712.3319	1.7647
121.8	704.757	1.7647
121.84	697.1821	1.7661
121.86	689.6072	1.7647
121.89	682.0323	1.7661
121.95	674.4574	1.7647
121.99	677.0795	1.7647
122.02	684.6544	1.7634
122.05	692.2293	1.7634
122.07	699.8042	1.762
122.08	707.3791	1.762
122.1	714.954	1.762
122.11	722.5289	1.762
122.13	730.1038	1.7634
122.14	737.6787	1.7634
122.16	745.1079	1.7661
122.9	737.533	1.7796
123.49	744.9622	1.7877
123.7	737.3873	1.7904
123.76	729.8124	1.7931
123.79	722.2375	1.7944
123.83	714.6626	1.7931

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
391.97	1129.829	5.679
393.97	1131.719	5.7087
395.63	1120.795	5.733
395.97	1122.896	5.7371
396.98	1112.182	5.7519
397.19	1123.316	5.756
397.97	1117.644	5.7654
399.34	1106.93	5.7871
399.97	1104.829	5.7952
400.45	1115.753	5.8019
400.64	1105.249	5.8046
401.97	1107.14	5.8235
403.97	1101.888	5.8532
405.4	1091.383	5.8735
405.97	1084.871	5.8802
407.97	1083.82	5.9113
408.69	1073.316	5.9234
409.62	1084.241	5.9342
409.87	1073.736	5.9396
409.97	1080.039	5.941
411.97	1075.627	5.9693
413.97	1069.535	5.9977
414.1	1080.669	6.0004
414.19	1069.535	6.0017
415.65	1080.459	6.0233
415.97	1072.056	6.0274
417.7	1082.98	6.0517
417.97	1076.678	6.0571
419.91	1065.963	6.0841
419.97	1065.963	6.0841
420.02	1076.888	6.0855
420.14	1065.753	6.0882
420.72	1055.249	6.0963
421.97	1061.342	6.1152
423.1	1050.837	6.13
423.27	1061.762	6.1327
423.96	1058.19	6.1435
425.96	1057.98	6.1719
427.96	1054.199	6.2016
428.71	1043.484	6.2124
429.28	1054.619	6.2191
429.51	1043.484	6.2232
429.96	1040.543	6.2299
431.96	1036.132	6.2596
433.96	1034.451	6.2893
434.83	1023.737	6.3015
435.96	1024.997	6.3163
437.96	1016.384	6.346
439.05	1005.879	6.3622
439.96	1007.14	6.3744
441.96	999.1568	6.4055
443.96	992.6442	6.4325
445.96	993.0644	6.4608
446.82	982.3502	6.4743

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.66	227.8642	1.7148
117.68	227.8642	1.7161
117.71	227.8642	1.7175
117.73	227.8642	1.7175
117.75	227.8642	1.7161
117.78	227.8642	1.7175
117.81	227.8642	1.7188
117.84	227.8642	1.7188
117.89	227.8642	1.7175
117.93	227.8642	1.7134
117.96	227.8642	1.7134
117.97	227.8642	1.7161
117.99	227.8642	1.7134
117.99	227.8642	1.7134
118	227.8642	1.7121
118.01	227.8642	1.7161
118.02	227.8642	1.7121
118.03	227.8642	1.7148
118.05	227.8642	1.7121
118.06	227.8642	1.7121
118.07	228.6282	1.7134
118.09	234.3029	1.7175
118.17	234.3029	1.7202
119.1	234.3029	1.7337
119.29	234.3029	1.7364
119.41	234.3029	1.7377
119.57	234.3029	1.7431
119.6	234.3029	1.7445
119.62	234.3029	1.7458
119.63	234.3029	1.7472
119.65	234.3029	1.7445
119.67	234.3029	1.7458
119.68	234.3029	1.7472
119.7	234.3029	1.7472
119.71	234.3029	1.7472
119.73	234.3029	1.7485
119.75	234.3029	1.7472
119.79	234.3029	1.7458
119.88	234.3029	1.7431
119.9	234.3029	1.7431
119.91	234.3029	1.7404
119.92	234.3029	1.7418
119.93	234.3029	1.7431
119.94	234.3029	1.7404
119.95	234.3029	1.7404
119.96	234.3029	1.7404
119.97	234.3029	1.7391
119.98	234.3029	1.7404
119.99	234.3029	1.7418
120	234.3029	1.7431
120.01	238.3408	1.7458
120.15	238.3408	1.7512
120.3	238.3408	1.7499
121.28	244.0155	1.7674

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
64.749	159.1424	0.9965
64.762	159.1424	0.9978
64.779	159.1424	0.9978
64.79	159.1424	0.9965
64.803	159.1424	0.9965
64.822	159.1424	0.9951
64.855	159.1424	0.9978
64.975	159.1424	0.9911
64.99	159.1424	0.9911
65.001	159.1424	0.9911
65.011	159.1424	0.9897
65.018	159.1424	0.9911
65.025	159.1424	0.9884
65.033	159.1424	0.9911
65.041	159.1424	0.9911
65.048	159.1424	0.9897
65.054	159.1424	0.987
65.063	159.1424	0.9897
65.073	159.5318	0.9911
65.094	166.2817	0.9965
65.284	166.2817	1.0005
65.366	166.2817	1.0005
65.414	166.2817	1.0005
65.608	166.2817	1.0019
65.705	166.2817	1.0073
65.874	166.2817	1.0073
65.995	166.2817	1.01
66.544	166.2817	1.0181
66.706	166.2817	1.0235
66.728	166.2817	1.0235
66.758	166.2817	1.0235
66.789	166.2817	1.0235
66.83	166.2817	1.0248
66.905	166.2817	1.0235
66.936	166.2817	1.0235
66.969	166.2817	1.0208
66.979	166.2817	1.0181
66.99	166.2817	1.0194
66.999	166.2817	1.0181
67.009	166.2817	1.0181
67.017	166.2817	1.0208
67.041	170.3057	1.0235
67.424	170.3057	1.0302
67.554	170.3057	1.0316
67.742	170.3057	1.037
67.901	170.3057	1.0343
67.994	171.7336	1.0424
68.418	171.7336	1.0478
68.449	171.7336	1.0464
68.547	171.7336	1.0451
68.588	171.7336	1.0437
68.665	171.7336	1.0532
68.684	171.7336	1.0532
68.701	171.7336	1.0532

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.98	722.2375	1.7904
123.99	726.899	1.7904
124	734.4739	1.7904
124.02	741.9031	1.7917
124.04	749.478	1.7931
125.74	742.1945	1.8215
125.83	734.6196	1.8215
125.92	742.1945	1.8201
125.94	749.7694	1.8228
125.99	754.8679	1.8228
127.78	747.0016	1.8498
127.92	754.5765	1.8498
127.96	762.1514	1.8498
127.99	766.2302	1.8525
129.58	773.5138	1.8768
129.7	766.0846	1.8768
129.97	773.5138	1.8795
129.99	775.5532	1.8822
131.99	777.8839	1.9092
132.29	770.309	1.9146
132.96	777.7382	1.9241
133.97	785.1675	1.9376
133.99	788.2266	1.9389
135.1	795.6558	1.9565
135.75	787.9352	1.9659
135.92	795.5101	1.9686
135.99	799.5889	1.9686
137.15	807.0181	1.9835
137.81	799.2976	1.9956
137.91	806.8725	1.9943
137.98	814.4474	1.997
137.99	814.4474	1.9983
139.33	821.8766	2.0159
139.7	814.156	2.0226
139.93	821.7309	2.0253
139.99	828.2861	2.0267
141.98	835.5697	2.055
141.99	837.1721	2.0537
143.61	844.4556	2.0793
143.75	836.8807	2.082
143.93	844.4556	2.0807
143.99	849.4084	2.0834
145.5	856.8377	2.105
145.68	849.2628	2.109
145.94	856.692	2.1104
145.99	860.7708	2.1144
146.72	853.0502	2.1239
147.74	845.4753	2.1415
147.77	837.9004	2.1401
147.81	830.3255	2.1415
147.87	822.7506	2.1415
147.96	830.3255	2.1388
147.98	837.9004	2.1388
147.99	844.4556	2.1388

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
447.96	976.6779	6.4919
449.96	972.2661	6.5216
451.96	971.2157	6.5486
453.96	969.5351	6.5783
455.72	958.8208	6.6039
455.96	959.6611	6.6066
457.96	955.8796	6.635
458.84	945.3755	6.6485
459.96	945.7956	6.6647
460.57	934.6612	6.6741
461.13	945.5855	6.6809
461.22	934.6612	6.6849
461.96	937.1822	6.6931
462.86	926.678	6.7066
463.96	927.9385	6.7228
465.69	917.4344	6.7484
465.96	920.1655	6.7511
467.1	909.6613	6.7673
467.96	907.3504	6.7808
469.39	896.8462	6.8024
469.96	898.7369	6.8092
470.9	888.2328	6.8254
471.96	887.3924	6.8389
473.96	880.8799	6.8686
475.26	870.3757	6.8861
475.64	881.5101	6.8915
475.96	870.3757	6.8969
475.96	869.7454	6.8969
477.96	867.2244	6.9253
479.17	856.7203	6.9442
479.96	856.7203	6.9536
481.61	846.2161	6.9779
481.96	850.8379	6.9847
483.96	844.5354	7.0144
485.96	842.8547	7.0414
487.19	832.3506	7.0617
487.96	830.2497	7.0698
489.71	819.5355	7.0968
489.96	823.1069	7.0995
491.73	812.3927	7.1251
491.96	813.8632	7.1292
493.96	805.2498	7.1575
494.84	794.1154	7.171
495.78	782.981	7.1859
495.96	781.7205	7.1859
497.83	771.2163	7.2142
497.96	772.4768	7.2156
499.3	761.3424	7.2358
499.96	757.771	7.2453
501.86	747.2668	7.2736
501.96	750.6281	7.2736
503.96	744.9559	7.302
504.91	733.8214	7.3182
505.96	730.25	7.3317

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
121.47	244.0155	1.7688
121.56	244.0155	1.7728
121.58	244.0155	1.7728
121.6	244.0155	1.7728
121.62	244.0155	1.7742
121.64	244.0155	1.7742
121.66	244.0155	1.7728
121.68	244.0155	1.7755
121.7	244.0155	1.7755
121.72	244.0155	1.7755
121.75	244.0155	1.7742
121.8	244.0155	1.7742
121.89	244.0155	1.7701
121.9	244.0155	1.7728
121.92	244.0155	1.7688
121.93	244.0155	1.7701
121.94	244.0155	1.7688
121.95	244.0155	1.7688
121.96	244.0155	1.7688
121.97	244.0155	1.7688
121.98	244.0155	1.7688
121.99	244.0155	1.7674
121.99	244.0155	1.7688
122	244.0155	1.7701
122.01	245.1068	1.7715
122.04	250.7816	1.7755
122.11	250.7816	1.7796
122.91	250.7816	1.789
122.94	250.7816	1.7877
123.37	250.7816	1.7958
123.57	250.7816	1.8012
123.59	250.7816	1.8025
123.63	250.7816	1.8012
123.66	250.7816	1.8012
123.71	250.7816	1.8025
123.74	250.7816	1.8039
123.79	250.7816	1.8039
123.9	250.7816	1.8012
123.91	250.7816	1.7985
123.92	250.7816	1.7998
123.93	250.7816	1.8012
123.95	250.7816	1.7998
123.95	250.7816	1.7985
123.97	250.7816	1.7985
123.98	256.3473	1.8039
123.99	257.8751	1.8039
124.04	257.8751	1.8079
124.74	257.8751	1.8174
125.24	257.8751	1.8241
125.43	257.8751	1.8255
125.58	257.8751	1.8309
125.61	257.8751	1.8309
125.64	257.8751	1.8309
125.67	257.8751	1.8309

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
68.715	171.7336	1.0545
68.727	171.7336	1.0559
68.743	171.7336	1.0532
68.756	171.7336	1.0532
68.774	171.7336	1.0532
68.787	171.7336	1.0559
68.807	171.7336	1.0545
68.827	171.7336	1.0545
68.86	171.7336	1.0545
68.978	171.7336	1.0491
68.989	171.7336	1.0478
68.998	171.7336	1.0464
69.008	171.7336	1.0478
69.016	171.7336	1.0505
69.026	171.7336	1.0464
69.033	171.7336	1.0491
69.038	171.7336	1.0478
69.047	171.7336	1.0478
69.056	171.7336	1.0478
69.067	171.7336	1.0464
69.077	171.7336	1.0464
69.098	178.4835	1.0532
69.287	178.4835	1.0586
69.655	178.4835	1.064
69.7	178.4835	1.064
69.994	178.4835	1.068
70.56	178.4835	1.0761
70.682	178.4835	1.0815
70.702	178.4835	1.0829
70.721	178.4835	1.0829
70.735	178.4835	1.0842
70.753	178.4835	1.0815
70.766	178.4835	1.0829
70.787	178.4835	1.0829
70.846	178.4835	1.0829
70.897	178.4835	1.0829
70.973	178.4835	1.0775
70.985	178.4835	1.0788
70.996	178.4835	1.0775
71.008	178.4835	1.0788
71.018	178.4835	1.0775
71.027	178.4835	1.0748
71.036	178.4835	1.0761
71.045	178.4835	1.0761
71.051	178.4835	1.0788
71.065	178.4835	1.0761
71.076	181.5989	1.0815
71.319	181.5989	1.0869
71.446	181.5989	1.0869
71.534	181.5989	1.0896
71.771	181.5989	1.0937
71.829	181.5989	1.0964
71.881	181.5989	1.095
71.994	181.5989	1.0977

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
148	851.8849	2.1401
148.03	859.4598	2.1415
149.62	866.7433	2.1658
149.69	859.3141	2.1671
149.8	851.7392	2.1698
149.92	859.1684	2.1698
149.96	866.7433	2.1685
149.99	872.2788	2.1698
151.73	864.9953	2.1982
151.81	857.4204	2.1982
151.94	864.9953	2.1955
151.96	872.5702	2.1968
151.98	880.1451	2.1995
151.99	881.0191	2.1995
153.71	873.2985	2.2265
153.91	880.8734	2.2279
153.99	883.3498	2.2292
155.32	890.6334	2.2481
155.68	883.0585	2.2549
155.74	875.4836	2.2562
155.77	868.0544	2.2562
155.81	860.4795	2.2576
155.96	868.0544	2.2549
155.98	875.6293	2.2535
155.99	879.1254	2.2562
156	886.5546	2.2549
156.02	894.1295	2.2562
157.74	886.8459	2.2846
157.81	879.271	2.2846
157.94	886.8459	2.2832
157.96	894.4208	2.2832
157.98	901.8501	2.2846
157.99	905.3462	2.2859
159.71	897.6256	2.3129
159.79	890.0507	2.3143
159.89	882.6215	2.3143
159.94	890.0507	2.3116
159.95	897.6256	2.3116
159.97	905.2005	2.3129
159.99	912.6297	2.3143
159.99	913.2124	2.3143
161.95	920.933	2.344
161.99	920.933	2.3453
163.27	928.2165	2.3629
163.69	920.6416	2.3696
163.75	913.2124	2.371
163.94	920.6416	2.371
163.96	928.2165	2.3723
163.99	933.6064	2.375
165.73	925.8858	2.4007
165.9	933.4607	2.3993
165.98	940.8899	2.402
165.99	941.9096	2.402
167.81	934.6261	2.4304

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
507.96	725.208	7.3614
509.96	720.166	7.3898
511.96	712.3929	7.4181
513.29	701.2585	7.4397
513.96	700.6283	7.4478
514.38	689.4938	7.4532
514.63	700.4182	7.4573
514.94	689.4938	7.4613
515.96	693.4854	7.4775
516.66	682.5611	7.4856
516.85	693.4854	7.4897
516.94	682.351	7.491
517.96	682.351	7.5045
519.96	684.2418	7.5342
520.18	673.1073	7.5383
521.16	674.3678	7.5518

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
125.7	257.8751	1.8323
125.72	257.8751	1.8323
125.75	257.8751	1.8336
125.78	257.8751	1.8323
125.82	257.8751	1.8336
125.92	257.8751	1.8309
125.94	257.8751	1.8282
125.96	257.8751	1.8282
125.97	257.8751	1.8282
125.98	257.8751	1.8296
125.99	257.8751	1.8269
125.99	257.8751	1.8269
126	257.8751	1.8282
126.01	257.8751	1.8255
126.02	257.8751	1.8282
126.04	263.4408	1.8309
126.19	263.4408	1.839
126.28	263.4408	1.8377
127.43	269.1155	1.8566
127.57	269.1155	1.8593
127.59	269.1155	1.8593
127.62	269.1155	1.8593
127.64	269.1155	1.8606
127.67	269.1155	1.8606
127.7	269.1155	1.8606
127.72	269.1155	1.862
127.74	269.1155	1.862
127.78	269.1155	1.862
127.82	269.1155	1.8633
127.91	269.1155	1.8593
127.93	269.1155	1.8579
127.95	269.1155	1.8593
127.96	269.1155	1.8566
127.97	269.1155	1.8579
127.98	269.1155	1.8579
127.99	269.1155	1.8579
128	269.1155	1.8593
128.01	269.1155	1.8579
128.03	269.1155	1.8579
128.04	273.5899	1.8633
128.28	273.5899	1.8701
128.34	273.5899	1.8687
128.43	273.5899	1.8687
128.49	273.5899	1.8714
129	273.5899	1.8768
129.13	273.5899	1.8782
129.58	273.5899	1.8876
129.78	273.5899	1.8876
129.9	279.1555	1.889
129.99	279.1555	1.893
130.27	279.1555	1.8957
130.38	279.1555	1.8957
131.23	283.6299	1.9133
131.55	283.6299	1.9187

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
72.069	181.5989	1.0964
72.139	181.5989	1.1018
72.204	181.5989	1.0964
72.62	181.5989	1.1085
72.65	181.5989	1.1126
72.667	181.5989	1.1099
72.677	181.5989	1.1112
72.687	181.5989	1.1126
72.697	181.5989	1.1126
72.703	181.5989	1.1139
72.713	181.5989	1.1139
72.722	181.5989	1.1139
72.732	181.5989	1.1153
72.741	181.5989	1.1153
72.758	181.5989	1.1126
72.772	181.5989	1.1126
72.871	181.5989	1.1072
72.899	181.5989	1.1099
72.919	181.5989	1.1058
72.93	181.5989	1.1058
72.94	181.5989	1.1058
72.951	181.5989	1.1058
72.961	181.5989	1.1031
72.97	181.5989	1.1031
72.976	181.5989	1.1031
72.985	181.5989	1.1045
72.992	181.5989	1.1045
73.002	181.5989	1.1058
73.013	181.5989	1.1058
73.055	186.0123	1.1112
73.263	186.0123	1.1153
73.306	186.0123	1.1166
73.463	186.0123	1.1153
73.744	186.0123	1.1234
73.79	186.0123	1.1207
73.854	186.0123	1.1247
73.994	186.0123	1.1234
74.104	186.0123	1.1288
74.172	186.0123	1.1261
74.349	186.0123	1.1328
74.457	186.0123	1.1301
74.676	186.0123	1.1396
74.686	186.0123	1.1423
74.698	186.0123	1.1423
74.708	186.0123	1.1409
74.719	186.0123	1.1436
74.729	186.0123	1.1436
74.738	186.0123	1.1436
74.747	186.0123	1.1436
74.757	186.0123	1.1436
74.766	186.0123	1.1423
74.778	186.0123	1.1436
74.79	186.0123	1.1436
74.808	186.0123	1.1396

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.9	942.201	2.4304
167.99	946.7168	2.4318
169.4	954.0003	2.452
169.67	946.4254	2.4574
169.94	953.8547	2.4588
169.99	957.3508	2.4615
171.69	949.6302	2.4858
171.74	942.0553	2.4885
171.79	934.6261	2.4871
171.83	927.0512	2.4885
171.96	934.6261	2.4871
171.98	942.201	2.4858
171.99	945.1144	2.4871
172	952.6893	2.4871
172.01	960.1185	2.4871
172.04	967.6934	2.4898
173.68	959.8272	2.5141
173.94	967.4021	2.5168
173.99	968.4218	2.5195
175.7	960.5555	2.5438
175.8	953.1263	2.5452
175.91	960.5555	2.5452
175.95	968.1304	2.5465
175.99	973.5203	2.5465
177.68	966.2367	2.5749
177.74	958.8075	2.5749
177.78	951.2326	2.5749
177.91	958.8075	2.5749
177.94	966.3824	2.5735
177.96	973.8116	2.5762
177.99	977.7447	2.5762
179.73	970.0242	2.6032
179.9	977.4534	2.6046
179.99	980.0755	2.6046
181.99	983.7172	2.6343
183.99	988.3787	2.6626
185.72	981.0952	2.691
185.94	988.6701	2.691
185.98	992.6032	2.6923
187.74	984.8826	2.7193
187.89	992.3118	2.7193
187.98	997.8473	2.722
189.72	990.1268	2.7491
189.78	982.5519	2.7491
189.93	990.1268	2.7464
189.94	997.556	2.7477
189.97	1004.985	2.7491
189.98	1006.588	2.7504
191.7	998.7214	2.7761
191.76	991.2921	2.7788
191.93	998.7214	2.7761
191.95	1006.296	2.7761
191.97	1013.726	2.7801
191.98	1013.143	2.7801

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.57	283.6299	1.92
131.59	283.6299	1.9187
131.61	283.6299	1.92
131.62	283.6299	1.9187
131.64	283.6299	1.9214
131.65	283.6299	1.9187
131.66	283.6299	1.9187
131.68	283.6299	1.9214
131.69	283.6299	1.9214
131.72	283.6299	1.92
131.74	283.6299	1.92
131.77	283.6299	1.9214
131.82	283.6299	1.9187
131.86	283.6299	1.9146
131.88	283.6299	1.916
131.89	283.6299	1.9146
131.9	283.6299	1.9133
131.91	283.6299	1.9146
131.92	283.6299	1.9146
131.93	283.6299	1.9119
131.94	283.6299	1.9133
131.95	283.6299	1.9146
131.95	283.6299	1.9119
131.96	283.6299	1.9133
131.97	283.6299	1.9119
131.98	283.6299	1.9146
131.99	283.6299	1.9146
131.99	284.3938	1.9146
132.01	290.0686	1.92
132.22	290.0686	1.9268
132.3	290.0686	1.9254
132.39	290.0686	1.9268
132.49	290.0686	1.9281
133.58	290.0686	1.947
133.6	290.0686	1.947
133.62	290.0686	1.947
133.64	290.0686	1.947
133.66	290.0686	1.947
133.68	290.0686	1.947
133.7	290.0686	1.9484
133.72	290.0686	1.9484
133.75	290.0686	1.9497
133.78	290.0686	1.9484
133.8	290.0686	1.947
133.91	290.0686	1.9457
133.93	290.0686	1.9457
133.95	290.0686	1.9457
133.96	290.0686	1.9457
133.97	290.0686	1.9457
133.98	290.0686	1.9443
133.99	290.0686	1.943
134	290.0686	1.943
134.01	290.0686	1.943
134.02	290.0686	1.943

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
74.938	186.0123	1.1382
74.966	186.0123	1.1355
74.976	186.0123	1.1369
74.983	186.0123	1.1342
74.99	186.0123	1.1328
74.998	186.0123	1.1369
75.007	186.0123	1.1342
75.016	186.0123	1.1328
75.025	186.0123	1.1342
75.031	186.0123	1.1328
75.042	186.0123	1.1328
75.05	186.0123	1.1328
75.061	186.0123	1.1355
75.08	190.5555	1.1396
75.403	190.5555	1.1463
75.531	190.5555	1.1477
75.741	190.5555	1.1531
75.848	190.5555	1.1517
75.994	194.0603	1.1544
76.399	194.0603	1.1652
76.514	194.0603	1.1612
76.675	194.0603	1.1693
76.691	194.0603	1.1693
76.701	194.0603	1.1679
76.717	194.0603	1.1706
76.733	194.0603	1.1693
76.744	194.0603	1.1706
76.756	194.0603	1.1706
76.768	194.0603	1.1706
76.781	194.0603	1.1706
76.797	194.0603	1.1706
76.808	194.0603	1.172
76.838	194.0603	1.1706
76.862	194.0603	1.1693
76.968	194.0603	1.1639
76.98	194.0603	1.1652
76.99	194.0603	1.1639
76.999	194.0603	1.1625
77.007	194.0603	1.1625
77.016	194.0603	1.1639
77.025	194.0603	1.1639
77.031	194.0603	1.1639
77.04	194.0603	1.1639
77.05	194.0603	1.1625
77.059	194.0603	1.1652
77.068	194.0603	1.1625
77.081	194.0603	1.1679
77.098	200.8102	1.1693
77.197	200.8102	1.172
77.994	200.8102	1.1841
78.105	203.1467	1.1868
78.152	203.1467	1.1868
78.351	203.1467	1.1882
78.443	203.1467	1.1909

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
192.82	1005.568	2.7923
192.87	1013.143	2.7936
193.68	1005.422	2.8058
193.95	1012.997	2.8071
193.98	1013.871	2.8085
195.72	1006.151	2.8355
195.89	1013.58	2.8355
195.98	1018.533	2.8382
197.73	1010.812	2.8638
197.93	1018.387	2.8638
197.98	1020.718	2.8679
199.74	1012.997	2.8949
199.91	1020.572	2.8922
199.93	1028.001	2.8935
199.98	1029.458	2.8962
201.7	1021.737	2.9219
201.91	1029.167	2.9219
201.98	1034.119	2.9232
203.78	1026.399	2.9502
203.89	1033.828	2.9529
203.98	1037.761	2.9529
205.76	1030.041	2.9799
205.9	1037.47	2.9813
205.98	1041.986	2.9826
207.66	1034.265	3.0069
207.89	1041.694	3.011
207.98	1046.21	3.011
209.7	1038.49	3.038
209.89	1045.919	3.0407
209.98	1049.415	3.0407
211.65	1041.549	3.0664
211.76	1034.119	3.0664
211.85	1041.549	3.0664
211.97	1049.124	3.0677
211.98	1048.541	3.0691
213.63	1040.82	3.0934
213.74	1033.245	3.0961
213.87	1040.82	3.0961
213.95	1048.25	3.0988
213.98	1047.23	3.1001
214.48	1039.655	3.1055
215.98	1043.879	3.1271
217.98	1048.104	3.1555
218.52	1040.529	3.1649
219.63	1032.954	3.1798
219.95	1040.383	3.1852
219.98	1039.364	3.1852
221.67	1031.643	3.2108
221.87	1039.072	3.2135
221.98	1043.005	3.2149
223.65	1035.285	3.2392
223.71	1027.71	3.2419
223.79	1020.281	3.2405
223.9	1027.856	3.2392

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
134.03	290.0686	1.9457
134.04	295.1977	1.947
134.07	300.8725	1.9497
134.28	300.8725	1.9524
134.97	300.8725	1.9632
135.08	300.8725	1.9686
135.23	300.8725	1.9659
135.54	300.8725	1.9754
135.56	300.8725	1.9767
135.57	300.8725	1.9767
135.59	300.8725	1.9781
135.6	300.8725	1.9767
135.61	300.8725	1.9781
135.62	300.8725	1.9781
135.63	300.8725	1.9794
135.65	300.8725	1.9781
135.66	300.8725	1.9781
135.68	300.8725	1.9781
135.7	300.8725	1.9794
135.72	300.8725	1.9767
135.74	300.8725	1.9767
135.86	300.8725	1.9727
135.87	300.8725	1.9727
135.88	300.8725	1.9727
135.89	300.8725	1.97
135.89	300.8725	1.97
135.9	300.8725	1.97
135.91	300.8725	1.97
135.91	300.8725	1.97
135.92	300.8725	1.9686
135.93	300.8725	1.97
135.94	300.8725	1.97
135.95	300.8725	1.9713
135.95	300.8725	1.9727
135.97	301.1999	1.974
135.99	306.1107	1.974
136.35	306.1107	1.9835
136.43	306.1107	1.9835
137.15	311.6764	1.9956
137.24	311.6764	1.997
137.32	311.6764	1.997
137.52	311.6764	2.001
137.57	311.6764	2.0051
137.58	311.6764	2.0051
137.6	311.6764	2.0064
137.62	311.6764	2.0064
137.63	311.6764	2.0064
137.64	311.6764	2.0078
137.66	311.6764	2.0064
137.67	311.6764	2.0078
137.68	311.6764	2.0078
137.7	311.6764	2.0078
137.72	311.6764	2.0078
137.74	311.6764	2.0078

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
78.673	203.1467	1.199
78.682	203.1467	1.2003
78.694	203.1467	1.2003
78.704	203.1467	1.2003
78.719	203.1467	1.199
78.728	203.1467	1.199
78.736	203.1467	1.2017
78.745	203.1467	1.2017
78.756	203.1467	1.2017
78.764	203.1467	1.2017
78.776	203.1467	1.2017
78.795	203.1467	1.2003
78.814	203.1467	1.199
78.876	203.1467	1.199
78.931	203.1467	1.1976
78.952	203.1467	1.1976
78.97	203.1467	1.1936
78.98	203.1467	1.1949
78.988	203.1467	1.1922
78.996	203.1467	1.1922
79.005	203.1467	1.1909
79.013	203.1467	1.1949
79.02	203.1467	1.1922
79.029	203.1467	1.1895
79.038	203.1467	1.1895
79.046	203.1467	1.1936
79.054	203.1467	1.1936
79.065	203.1467	1.1922
79.078	203.1467	1.199
79.204	203.1467	1.2044
79.993	203.1467	1.2125
80.153	203.5361	1.2152
80.189	203.5361	1.2206
80.279	203.5361	1.2165
80.327	203.5361	1.2179
80.389	203.5361	1.2206
80.617	203.5361	1.2247
80.638	203.5361	1.226
80.661	203.5361	1.2287
80.676	203.5361	1.2274
80.687	203.5361	1.2287
80.697	203.5361	1.2287
80.703	203.5361	1.2301
80.713	203.5361	1.2301
80.722	203.5361	1.2314
80.731	203.5361	1.2314
80.741	203.5361	1.2314
80.758	203.5361	1.2287
80.773	203.5361	1.2274
80.813	203.5361	1.226
80.878	203.5361	1.2247
80.91	203.5361	1.2247
80.931	203.5361	1.2247
80.949	203.5361	1.2206

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
223.92	1035.285	3.2405
223.93	1042.714	3.2405
223.98	1048.104	3.2432
224.47	1040.675	3.2513
225.68	1032.954	3.2689
225.88	1040.383	3.2716
225.98	1044.899	3.2729
226.38	1037.324	3.2783
226.66	1044.753	3.2824
226.74	1037.324	3.2837
227.71	1029.604	3.2986
227.88	1037.179	3.2986
227.98	1044.025	3.3013
228.39	1036.45	3.308
229.71	1028.875	3.3269
229.91	1036.305	3.3283
229.98	1040.675	3.331
231.66	1033.1	3.3553
231.87	1040.383	3.3594
231.98	1042.86	3.3607
232.92	1035.285	3.3742
233.63	1027.71	3.3837
233.91	1035.139	3.3877
233.98	1037.616	3.3877
235.98	1041.257	3.4174
237.66	1033.537	3.4417
237.89	1040.966	3.4444
237.98	1045.482	3.4471
239.66	1037.761	3.4714
239.73	1030.332	3.4728
239.8	1022.903	3.4728
239.87	1030.332	3.4741
239.9	1037.761	3.4714
239.93	1045.19	3.4741
239.98	1050.143	3.4755
240.12	1042.568	3.4768
241.64	1034.993	3.5011
241.88	1042.277	3.5038
241.98	1044.316	3.5038
243.66	1036.596	3.5295
243.91	1044.025	3.5308
243.98	1047.958	3.5335
245.64	1040.238	3.5592
245.93	1047.667	3.5619
245.98	1047.667	3.5632
247.74	1039.946	3.5862
247.86	1047.376	3.5889
247.98	1050.289	3.5916
249.64	1042.568	3.6145
249.95	1049.998	3.6186
249.98	1049.998	3.6199
250.18	1042.568	3.6226
250.27	1049.998	3.624
251.68	1042.277	3.6456

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
137.76	311.6764	2.0064
137.86	311.6764	2.0037
137.88	311.6764	2.001
137.89	311.6764	2.0024
137.89	311.6764	2.001
137.9	311.6764	1.9997
137.91	311.6764	1.9997
137.92	311.6764	1.9997
137.93	311.6764	2.0037
137.94	311.6764	1.9997
137.95	311.6764	2.001
137.95	311.6764	1.9983
137.96	311.6764	1.9983
137.97	311.6764	2.001
137.98	311.6764	2.0024
137.99	316.1507	2.0051
138.39	316.1507	2.0159
138.49	316.1507	2.0145
138.9	316.1507	2.024
139.05	316.1507	2.0213
139.25	321.8255	2.024
139.56	321.8255	2.0334
139.58	321.8255	2.0334
139.62	321.8255	2.0334
139.65	321.8255	2.0321
139.69	321.8255	2.0348
139.72	321.8255	2.0348
139.74	321.8255	2.0361
139.79	321.8255	2.0348
139.82	321.8255	2.0361
139.86	321.8255	2.0334
139.88	321.8255	2.0307
139.89	321.8255	2.0334
139.9	321.8255	2.0307
139.91	321.8255	2.0321
139.92	321.8255	2.0307
139.93	321.8255	2.0307
139.94	321.8255	2.0294
139.95	321.8255	2.0334
139.97	327.3912	2.0348
139.99	330.0103	2.0361
140.06	330.0103	2.0388
140.89	330.0103	2.0496
141.55	330.0103	2.0645
141.56	330.0103	2.0645
141.57	330.0103	2.0631
141.59	330.0103	2.0631
141.6	330.0103	2.0645
141.61	330.0103	2.0672
141.62	330.0103	2.0658
141.63	330.0103	2.0658
141.64	330.0103	2.0658
141.66	330.0103	2.0658
141.67	330.0103	2.0658

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
80.956	203.5361	1.2233
80.962	203.5361	1.2193
80.97	203.5361	1.2179
80.978	203.5361	1.2233
80.983	203.5361	1.2179
80.991	203.5361	1.2193
81.001	203.5361	1.2193
81.008	203.5361	1.2206
81.014	203.5361	1.2206
81.03	203.5361	1.2233
81.066	210.286	1.2274
81.131	210.286	1.2314
81.25	210.286	1.2314
81.296	210.286	1.2341
81.334	210.286	1.2341
81.493	210.286	1.2341
81.555	210.286	1.2355
81.993	213.4014	1.2422
82.022	213.4014	1.2422
82.202	213.4014	1.2436
82.299	213.4014	1.2463
82.657	213.4014	1.2571
82.668	213.4014	1.2584
82.679	213.4014	1.2571
82.694	213.4014	1.2571
82.702	213.4014	1.2571
82.714	213.4014	1.2571
82.72	213.4014	1.2584
82.731	213.4014	1.2584
82.739	213.4014	1.2598
82.75	213.4014	1.2598
82.759	213.4014	1.2598
82.777	213.4014	1.2598
82.795	213.4014	1.2571
82.817	213.4014	1.2557
82.86	213.4014	1.2557
82.907	213.4014	1.2517
82.925	213.4014	1.2503
82.93	213.4014	1.253
82.946	213.4014	1.2544
82.959	213.4014	1.2476
82.968	213.4014	1.2476
82.973	213.4014	1.2503
82.979	213.4014	1.2476
82.988	213.4014	1.2503
82.997	213.4014	1.249
83.006	213.4014	1.2517
83.012	213.4014	1.2476
83.024	213.4014	1.2503
83.03	213.4014	1.2517
83.05	213.4014	1.2557
83.19	213.4014	1.2625
83.221	213.4014	1.2598
83.312	213.4014	1.2625

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
251.95	1049.706	3.647
251.98	1051.6	3.6497
253.3	1044.025	3.6672
253.82	1036.596	3.6753
253.89	1044.025	3.6753
253.98	1046.356	3.678
253.99	1038.927	3.6794
254.15	1046.356	3.6794
254.97	1038.781	3.6929
255.63	1031.352	3.7023
255.86	1038.635	3.705
255.98	1038.635	3.7064
257.62	1031.06	3.7307
257.92	1038.344	3.7347
257.98	1038.927	3.7361
259.65	1031.206	3.7604
259.87	1038.49	3.7644
259.98	1041.986	3.7658
261.21	1034.411	3.7833
261.95	1041.694	3.7941
261.98	1039.218	3.7941
263.98	1041.403	3.8238
265.61	1033.682	3.8468
265.89	1041.112	3.8495
265.98	1041.986	3.8535
267.63	1034.411	3.8765
267.9	1041.694	3.8792
267.98	1043.734	3.8805
269.35	1036.013	3.9008
269.63	1028.584	3.9048
269.9	1036.013	3.9089
269.98	1036.013	3.9102
271.6	1028.293	3.9332
271.9	1035.722	3.9386
271.98	1036.159	3.9399
273.6	1028.438	3.9629
273.9	1035.868	3.9656
273.98	1032.371	3.9683
275.61	1024.651	3.994
275.92	1032.08	3.9967
275.98	1033.1	3.9967
276.62	1025.525	4.0061
277.63	1017.95	4.0223
277.84	1025.379	4.0237
277.98	1028.293	4.025
278.99	1020.718	4.0412
279.67	1013.288	4.052
279.85	1020.572	4.0534
279.98	1022.611	4.0547
280.8	1015.037	4.0682
281.98	1013.434	4.0831
282.86	1005.859	4.0979
283.59	998.43	4.1087
283.84	1005.714	4.1128

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
141.68	330.0103	2.0672
141.7	330.0103	2.0645
141.73	330.0103	2.0645
141.78	330.0103	2.0631
141.83	330.0103	2.0631
141.86	330.0103	2.0591
141.87	330.0103	2.0604
141.87	330.0103	2.0618
141.87	330.0103	2.0618
141.87	330.0103	2.0604
141.89	330.0103	2.0564
141.9	330.0103	2.0564
141.9	330.0103	2.055
141.91	330.0103	2.055
141.92	330.0103	2.055
141.92	330.0103	2.055
141.93	330.0103	2.0564
141.94	330.0103	2.0564
141.95	330.3377	2.0577
141.95	336.0125	2.0604
141.98	341.6872	2.0631
141.99	342.342	2.0685
142.03	342.342	2.0672
142.06	342.342	2.0685
142.26	342.342	2.0699
143.12	342.342	2.082
143.54	342.342	2.0928
143.56	342.342	2.0928
143.57	342.342	2.0928
143.58	342.342	2.0928
143.59	342.342	2.0928
143.6	342.342	2.0942
143.61	342.342	2.0955
143.62	342.342	2.0942
143.63	342.342	2.0955
143.64	342.342	2.0955
143.65	342.342	2.0955
143.67	342.342	2.0942
143.68	342.342	2.0955
143.7	342.342	2.0942
143.72	342.342	2.0928
143.84	342.342	2.0874
143.85	342.342	2.0861
143.86	342.342	2.0888
143.87	342.342	2.0874
143.88	342.342	2.0861
143.89	342.342	2.0874
143.89	342.342	2.0834
143.9	342.342	2.0847
143.91	342.342	2.0834
143.92	342.342	2.0861
143.92	342.342	2.0861
143.93	342.342	2.0861
143.94	342.342	2.0874

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
83.546	213.4014	1.2625
83.569	213.4014	1.2652
83.68	213.4014	1.2679
83.993	213.4014	1.2706
84.22	213.4014	1.2733
84.673	213.4014	1.2868
84.679	213.4014	1.2854
84.681	213.4014	1.2854
84.683	213.4014	1.2854
84.694	213.4014	1.2868
84.706	213.4014	1.2868
84.715	213.4014	1.2881
84.725	213.4014	1.2895
84.736	213.4014	1.2895
84.75	213.4014	1.2881
84.765	213.4014	1.2868
84.777	213.4014	1.2868
84.808	213.4014	1.2854
84.883	213.4014	1.2814
84.905	213.4014	1.2773
84.916	213.4014	1.2787
84.924	213.4014	1.2814
84.936	213.4014	1.28
84.946	213.4014	1.276
84.956	213.4014	1.276
84.965	213.4014	1.2773
84.975	213.4014	1.276
84.981	213.4014	1.276
84.988	213.4014	1.2773
84.997	213.4014	1.2787
85.007	213.4014	1.2787
85.018	213.4014	1.2827
85.229	213.4014	1.2895
85.858	213.4014	1.2976
85.913	213.4014	1.3003
85.993	213.4014	1.3003
86.164	213.4014	1.3016
86.653	213.4014	1.3151
86.664	213.4014	1.3151
86.679	213.4014	1.3151
86.69	213.4014	1.3165
86.7	213.4014	1.3151
86.708	213.4014	1.3151
86.718	213.4014	1.3151
86.729	213.4014	1.3165
86.741	213.4014	1.3165
86.754	213.4014	1.3178
86.769	213.4014	1.3151
86.784	213.4014	1.3165
86.814	213.4014	1.3138
86.913	213.4014	1.3084
86.921	213.4014	1.3111
86.935	213.4014	1.3097
86.952	213.4014	1.3084

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
283.98	1006.151	4.1128
285.77	998.5757	4.1384
285.88	1005.859	4.1398
285.98	1008.336	4.1411
287.27	1000.761	4.1614
287.98	1003.092	4.1722
288.69	995.6623	4.1803
289.61	988.0874	4.1965
289.87	995.5166	4.1965
289.98	998.43	4.2005
291.62	990.7095	4.2235
291.91	998.1387	4.2275
291.98	998.1387	4.2302
293.98	999.3041	4.2573
294.61	991.7292	4.2681
295.46	984.2999	4.2789
295.68	976.8707	4.2829
295.79	984.2999	4.2843
295.91	991.5835	4.2856
295.98	991.5835	4.287
296.42	984.1543	4.2937
297.98	987.796	4.3167
298.52	980.3668	4.3234
299.61	972.7919	4.3396
299.88	980.2211	4.3423
299.98	981.6779	4.345
301.29	974.103	4.3639
301.63	966.6737	4.3693
301.68	959.2445	4.3693
301.83	966.6737	4.3707
301.87	973.9573	4.3707
301.92	981.3865	4.372
301.98	981.3865	4.3734
302.13	973.9573	4.3761
302.41	966.5281	4.3815
303.59	958.9532	4.3977
303.91	966.3824	4.4017
303.98	963.3233	4.4031
305.64	955.7484	4.4274
305.89	963.0319	4.4301
305.97	962.0122	4.4328
307.34	954.583	4.4517
307.97	958.3705	4.4611
309.57	950.7956	4.4854
309.97	954.146	4.4895
311.58	946.5711	4.5138
311.97	950.9412	4.5178
312.76	943.512	4.53
313.97	948.1735	4.5475
315.63	940.5986	4.5719
315.82	947.8821	4.5746
315.97	949.7759	4.5773
316.73	942.3466	4.5867
317.71	934.9174	4.6016

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
143.95	342.342	2.0874
143.96	342.342	2.0915
143.97	347.9077	2.0928
143.99	347.9077	2.0942
144.24	347.9077	2.0996
144.32	347.9077	2.0996
145.32	353.4733	2.1158
145.54	353.4733	2.1198
145.56	353.4733	2.1212
145.58	353.4733	2.1212
145.59	353.4733	2.1212
145.61	353.4733	2.1225
145.62	353.4733	2.1225
145.63	353.4733	2.1225
145.65	353.4733	2.1239
145.66	353.4733	2.1239
145.67	353.4733	2.1252
145.68	353.4733	2.1239
145.7	353.4733	2.1239
145.71	353.4733	2.1239
145.73	353.4733	2.1225
145.75	353.4733	2.1225
145.85	353.4733	2.1212
145.87	353.4733	2.1171
145.88	353.4733	2.1171
145.89	353.4733	2.1158
145.9	353.4733	2.1171
145.91	353.4733	2.1158
145.91	353.4733	2.1171
145.92	353.4733	2.1158
145.93	353.4733	2.1158
145.94	353.4733	2.1171
145.95	353.4733	2.1144
145.95	353.4733	2.1158
145.96	353.4733	2.1158
145.97	353.4733	2.1171
145.98	353.4733	2.1185
145.99	356.529	2.1212
146.25	356.529	2.1279
146.39	356.529	2.1279
147.08	362.0946	2.1374
147.54	362.0946	2.1496
147.55	362.0946	2.1509
147.56	362.0946	2.1509
147.58	362.0946	2.1509
147.59	362.0946	2.1523
147.6	362.0946	2.1509
147.61	362.0946	2.1523
147.62	362.0946	2.1523
147.63	362.0946	2.1523
147.64	362.0946	2.1523
147.65	362.0946	2.1523
147.67	362.0946	2.1536
147.68	362.0946	2.1523

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
86.96	213.4014	1.3097
86.97	213.4014	1.3084
86.978	213.4014	1.3057
86.985	213.4014	1.3043
86.994	213.4014	1.307
87.002	213.4014	1.307
87.011	213.4014	1.307
87.018	213.4014	1.3097
87.026	213.4014	1.3111
87.044	213.4014	1.3151
87.212	213.4014	1.3178
87.364	213.4014	1.3192
87.452	213.4014	1.3205
87.487	213.4014	1.3205
87.978	213.4014	1.33
87.993	213.4014	1.3286
88.481	213.4014	1.3381
88.537	213.4014	1.3367
88.662	213.4014	1.3435
88.672	213.4014	1.3448
88.686	213.4014	1.3435
88.696	213.4014	1.3435
88.707	213.4014	1.3448
88.717	213.4014	1.3448
88.727	213.4014	1.3448
88.738	213.4014	1.3448
88.75	213.4014	1.3475
88.767	213.4014	1.3448
88.781	213.4014	1.3462
88.8	213.4014	1.3448
88.834	213.4014	1.3421
88.911	213.4014	1.3408
88.938	213.4014	1.3381
88.946	213.4014	1.3367
88.954	213.4014	1.3354
88.961	213.4014	1.3354
88.969	213.4014	1.3381
88.978	213.4014	1.3367
88.987	213.4014	1.3367
88.996	213.4014	1.334
89.003	213.4014	1.334
89.012	213.4014	1.334
89.02	213.4014	1.3394
89.029	213.4014	1.3367
89.041	213.4014	1.3435
89.868	213.4014	1.3583
89.963	213.4014	1.3583
89.993	213.4014	1.357
90.656	213.4014	1.3718
90.672	213.4014	1.3732
90.686	213.4014	1.3732
90.696	213.4014	1.3732
90.708	213.4014	1.3732
90.718	213.4014	1.3745

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
317.81	942.201	4.6016
317.96	949.6302	4.6056
317.97	948.0278	4.6056
318.71	940.5986	4.6164
319.59	933.1694	4.6299
319.88	940.4529	4.6326
319.97	940.0159	4.634
321.6	932.2953	4.6596
321.67	925.0118	4.661
321.82	932.441	4.6583
321.89	939.7246	4.6623
321.97	937.6852	4.6637
322.49	930.2559	4.6718
323.58	922.8267	4.688
323.9	930.1103	4.692
323.97	929.0906	4.6934
325.58	921.5157	4.7177
325.87	928.7992	4.719
325.97	928.7992	4.7217
327.57	921.2243	4.7447
327.86	928.5079	4.7487
327.97	929.5276	4.7501
328.35	922.0984	4.7555
329.64	914.5235	4.7757
329.83	921.9527	4.7757
329.87	929.2362	4.7784
329.97	927.7795	4.7784
331.02	920.3503	4.7946
331.97	920.6416	4.8081
333.19	928.2165	4.827
333.56	920.933	4.8324
333.87	928.2165	4.8351
333.97	927.1968	4.8365
334.98	919.7676	4.8513
335.97	925.4488	4.8662
337.16	918.0196	4.8838
337.74	910.5903	4.8919
337.82	917.8739	4.8919
337.97	920.7873	4.8959
339.34	913.2124	4.9148
339.95	920.933	4.9256
339.97	918.0196	4.9243
340.43	910.5903	4.931
341.56	903.1611	4.9486
341.86	910.4447	4.9526
341.97	908.5509	4.954
343.65	900.976	4.9783
343.81	908.2596	4.9796
343.9	915.5432	4.981
343.97	912.047	4.9823
345.61	904.6178	5.008
345.82	911.9014	5.0093
345.97	910.8817	5.0107
347.61	903.3068	5.035

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
147.7	362.0946	2.1523
147.72	362.0946	2.1523
147.75	362.0946	2.1496
147.8	362.0946	2.1482
147.82	362.0946	2.1482
147.84	362.0946	2.1442
147.85	362.0946	2.1455
147.86	362.0946	2.1442
147.87	362.0946	2.1428
147.87	362.0946	2.1455
147.88	362.0946	2.1428
147.89	362.0946	2.1415
147.9	362.0946	2.1415
147.9	362.0946	2.1442
147.91	362.0946	2.1415
147.92	362.0946	2.1455
147.92	362.0946	2.1455
147.93	362.0946	2.1442
147.94	362.8585	2.1469
147.96	368.4242	2.1496
147.99	369.952	2.1523
148.19	369.952	2.1577
148.69	369.952	2.1604
149.54	369.952	2.1793
149.55	369.952	2.1806
149.57	369.952	2.182
149.57	369.952	2.182
149.58	369.952	2.182
149.59	369.952	2.182
149.6	369.952	2.1833
149.61	369.952	2.182
149.62	369.952	2.1833
149.63	369.952	2.1806
149.63	369.952	2.182
149.65	369.952	2.182
149.66	369.952	2.182
149.67	369.952	2.182
149.69	369.952	2.1793
149.83	369.952	2.1752
149.84	369.952	2.1739
149.85	369.952	2.1739
149.85	369.952	2.1725
149.86	369.952	2.1725
149.87	369.952	2.1739
149.87	369.952	2.1725
149.88	369.952	2.1725
149.89	369.952	2.1725
149.9	369.952	2.1725
149.9	369.952	2.1712
149.91	369.952	2.1712
149.92	369.952	2.1725
149.92	369.952	2.1725
149.93	369.952	2.1766
149.94	375.5177	2.1806

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
90.729	213.4014	1.3745
90.74	213.4014	1.3745
90.757	213.4014	1.3732
90.771	213.4014	1.3745
90.789	213.4014	1.3745
90.808	213.4014	1.3732
90.83	213.4014	1.3732
90.925	213.4014	1.3705
90.947	213.4014	1.3651
90.957	213.4014	1.3651
90.963	213.4014	1.3664
90.97	213.4014	1.3637
90.977	213.4014	1.3637
90.986	213.4014	1.3651
90.996	213.4014	1.3664
91.002	213.4014	1.3651
91.01	213.4014	1.3651
91.019	213.4014	1.3664
91.029	213.4014	1.3678
91.039	213.4014	1.3678
91.059	213.4014	1.3718
91.313	213.4014	1.3786
91.561	213.4014	1.3813
91.649	213.4014	1.384
91.992	213.4014	1.388
92.173	213.4014	1.3894
92.24	213.4014	1.3867
92.428	213.4014	1.3934
92.477	213.4014	1.3921
92.651	213.4014	1.4015
92.662	213.4014	1.4029
92.671	213.4014	1.4029
92.681	213.4014	1.4015
92.687	213.4014	1.4042
92.696	213.4014	1.4042
92.706	213.4014	1.4056
92.715	213.4014	1.4056
92.726	213.4014	1.4069
92.735	213.4014	1.4042
92.746	213.4014	1.4029
92.764	213.4014	1.4029
92.779	213.4014	1.4015
92.813	213.4014	1.3988
92.882	213.4014	1.3988
92.905	213.4014	1.3921
92.914	213.4014	1.3975
92.922	213.4014	1.3988
92.934	213.4014	1.3961
92.945	213.4014	1.3921
92.955	213.4014	1.3921
92.963	213.4014	1.3934
92.972	213.4014	1.3921
92.978	213.4014	1.3934
92.984	213.4014	1.3934

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
347.86	910.5903	5.0377
347.97	910.1533	5.0404
348.67	902.7241	5.0512
349.87	910.299	5.0674
349.97	910.299	5.0687
350.77	902.8698	5.0809
351.97	903.7438	5.0998
353.52	896.1689	5.1227
353.97	900.976	5.1268
355.97	899.228	5.1565
357.54	891.6531	5.1808
357.97	895.5862	5.1862
359.47	888.0113	5.2078
359.67	880.7277	5.2092
359.86	888.4483	5.2119
359.97	888.8853	5.2146
361.69	881.4561	5.2402
361.82	888.7397	5.2402
361.97	889.1767	5.2429
363.89	896.7516	5.2713
363.97	890.7791	5.2726
365.63	883.3498	5.2969
365.8	891.0704	5.2996
365.97	892.9641	5.3023
367.59	885.5349	5.3253
367.86	893.2555	5.328
367.97	891.2161	5.3307
369.56	883.7868	5.3523
369.93	891.5074	5.3577
369.97	889.468	5.359
371.45	882.0388	5.3806
371.97	885.8262	5.3874
372.94	878.397	5.4022
373.97	874.9009	5.4184
374.66	867.4717	5.4265
375.97	865.4323	5.4468
377.53	857.8574	5.4698
377.96	865.5779	5.4752
377.97	864.1212	5.4752
378.89	856.692	5.4887
379.97	861.9362	5.5035
381.57	854.3613	5.5292
381.97	857.2747	5.5346
383.97	856.5463	5.5629
385.23	849.1171	5.5818
385.5	841.8336	5.5845
385.97	844.1643	5.5899
387.62	836.7351	5.6156
387.79	844.4556	5.6183
387.97	842.4162	5.6196
389.4	834.987	5.6412
389.64	827.7034	5.6439
389.71	835.424	5.6453
389.97	836.4437	5.6493

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
149.99	379.6646	2.182
150.88	379.6646	2.1955
150.98	379.6646	2.1941
151.44	385.2303	2.2009
151.55	385.2303	2.2063
151.57	385.2303	2.2063
151.59	385.2303	2.2076
151.61	385.2303	2.209
151.63	385.2303	2.209
151.66	385.2303	2.2076
151.68	385.2303	2.209
151.69	385.2303	2.2103
151.71	385.2303	2.2103
151.73	385.2303	2.209
151.76	385.2303	2.2103
151.78	385.2303	2.209
151.87	385.2303	2.2063
151.89	385.2303	2.2049
151.9	385.2303	2.2049
151.91	385.2303	2.2076
151.92	385.2303	2.2049
151.93	385.2303	2.2036
151.94	385.2303	2.2049
151.95	385.2303	2.2049
151.96	385.2303	2.2036
151.97	385.2303	2.2049
151.97	385.2303	2.2049
151.99	385.2303	2.2063
152	388.9407	2.2076
152.03	394.6155	2.2117
152.18	394.6155	2.2144
153.02	394.6155	2.2252
153.53	394.6155	2.2373
153.55	394.6155	2.2373
153.57	394.6155	2.236
153.59	394.6155	2.2373
153.6	394.6155	2.2373
153.62	394.6155	2.2373
153.64	394.6155	2.2387
153.65	394.6155	2.24
153.67	394.6155	2.2387
153.68	394.6155	2.2387
153.69	394.6155	2.2387
153.71	394.6155	2.2387
153.73	394.6155	2.2373
153.75	394.6155	2.2387
153.79	394.6155	2.236
153.85	394.6155	2.2333
153.86	394.6155	2.2333
153.87	394.6155	2.2333
153.88	394.6155	2.2333
153.89	394.6155	2.2319
153.9	394.6155	2.2333
153.91	394.6155	2.2333

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
92.993	213.4014	1.3948
93	213.4014	1.3961
93.008	213.4014	1.3961
93.027	213.4014	1.4015
93.279	213.4014	1.4083
93.321	213.4014	1.4096
93.46	213.4014	1.4056
93.519	213.4014	1.4096
93.992	213.4014	1.415
94.657	213.4014	1.4299
94.669	213.4014	1.4299
94.681	213.4014	1.4299
94.691	213.4014	1.4326
94.703	213.4014	1.4312
94.713	213.4014	1.4326
94.727	213.4014	1.4312
94.742	213.4014	1.4312
94.763	213.4014	1.4326
94.783	213.4014	1.4326
94.804	213.4014	1.4312
94.825	213.4014	1.4312
94.924	213.4014	1.4285
94.954	213.4014	1.4245
94.963	213.4014	1.4231
94.972	213.4014	1.4231
94.978	213.4014	1.4231
94.985	213.4014	1.4231
94.995	213.4014	1.4231
95.003	213.4014	1.4231
95.013	213.4014	1.4231
95.022	213.4014	1.4258
95.032	213.4014	1.4231
95.043	213.4014	1.4258
95.055	217.9446	1.4272
95.367	217.9446	1.4366
95.478	217.9446	1.4366
95.992	217.9446	1.4461
96.652	217.9446	1.4609
96.664	217.9446	1.4609
96.67	217.9446	1.4623
96.679	217.9446	1.4609
96.688	217.9446	1.4623
96.697	217.9446	1.4623
96.707	217.9446	1.4609
96.717	217.9446	1.4623
96.728	217.9446	1.4623
96.739	217.9446	1.4623
96.749	217.9446	1.4623
96.761	217.9446	1.4609
96.78	217.9446	1.4596
96.813	217.9446	1.4569
96.875	217.9446	1.4555
96.896	217.9446	1.4542
96.908	217.9446	1.4569

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
391.18	829.0145	5.6669
391.97	830.7625	5.679
393.64	823.3333	5.7033
393.78	831.0539	5.7033
393.97	833.9673	5.7074
394.4	826.5381	5.7141
395.97	829.3058	5.7371
396.94	821.8766	5.7506
397.97	825.227	5.7641
398.97	817.7978	5.779
399.97	819.5459	5.7938
400.77	812.2623	5.806
401.55	804.8331	5.8181
401.87	812.5537	5.8222
401.97	810.0772	5.8235
402.33	802.7937	5.8289
403.54	795.5101	5.8465
403.92	803.085	5.8519
403.97	804.1047	5.8519
404.22	796.8212	5.8559
405.97	800.4629	5.8802
406.58	793.1794	5.8897
407.66	785.7502	5.9059
407.79	793.4707	5.9072
407.97	791.577	5.9099
409.54	784.0021	5.9329
409.97	786.4785	5.9383
410.95	779.0493	5.9531
411.97	780.3603	5.968
412.5	773.0768	5.9761
413.58	765.6475	5.9909
413.97	768.561	5.9963
415.46	761.1317	6.0179
415.97	759.0923	6.026
416.14	751.3718	6.0287
417.56	743.9425	6.0503
417.83	751.6631	6.0517
417.97	751.2261	6.0544
418.32	743.9425	6.0598
419.97	744.6709	6.0828
421.97	746.856	6.1125
423.06	739.5724	6.1273
423.96	741.7575	6.1422
425.52	734.4739	6.1638
425.96	737.6787	6.1705
427.07	730.3951	6.1867
427.96	731.2692	6.1989
429.28	723.8399	6.2191
429.96	719.0328	6.2286
430.28	711.1665	6.2326
430.79	703.883	6.2407
431.56	696.5994	6.2515
431.96	697.6191	6.2569
433.54	690.1899	6.2812

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
153.92	394.6155	2.2333
153.92	394.6155	2.2319
153.93	394.6155	2.2319
153.94	394.6155	2.2319
153.95	394.6155	2.2333
153.96	394.6155	2.2306
153.96	394.6155	2.2333
153.97	394.6155	2.2346
153.99	399.4172	2.236
154	404.9829	2.2387
154.38	404.9829	2.2468
154.93	404.9829	2.2549
155.54	404.9829	2.2657
155.56	404.9829	2.267
155.57	404.9829	2.2684
155.58	404.9829	2.267
155.59	404.9829	2.2684
155.6	404.9829	2.2657
155.61	404.9829	2.2697
155.62	404.9829	2.2684
155.63	404.9829	2.2684
155.64	404.9829	2.2684
155.65	404.9829	2.2697
155.66	404.9829	2.2697
155.67	404.9829	2.2684
155.68	404.9829	2.2684
155.7	404.9829	2.267
155.72	404.9829	2.2657
155.83	404.9829	2.2616
155.84	404.9829	2.2643
155.85	404.9829	2.2616
155.86	404.9829	2.2603
155.87	404.9829	2.2603
155.87	404.9829	2.2603
155.88	404.9829	2.2616
155.89	404.9829	2.2589
155.89	404.9829	2.2616
155.9	404.9829	2.2589
155.91	404.9829	2.2589
155.92	404.9829	2.2589
155.92	404.9829	2.2616
155.93	404.9829	2.2589
155.94	404.9829	2.2603
155.95	404.9829	2.2616
155.96	410.5485	2.2643
155.99	413.9316	2.2697
156.19	413.9316	2.2711
156.26	413.9316	2.2697
157.26	419.4972	2.2873
157.34	419.4972	2.2886
157.45	419.4972	2.2886
157.53	419.4972	2.294
157.55	419.4972	2.294
157.56	419.4972	2.294

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
96.92	217.9446	1.4528
96.931	217.9446	1.4501
96.939	217.9446	1.4488
96.947	217.9446	1.4528
96.953	217.9446	1.4501
96.96	217.9446	1.4474
96.969	217.9446	1.4501
96.976	217.9446	1.4501
96.981	217.9446	1.4501
96.99	217.9446	1.4528
96.999	217.9446	1.4528
97.01	223.7859	1.4582
97.273	223.7859	1.4636
97.566	223.7859	1.4663
97.652	223.7859	1.4704
97.714	223.7859	1.4704
97.841	223.7859	1.4677
97.893	223.7859	1.4731
97.992	223.7859	1.4744
98.18	229.1079	1.4758
98.646	229.1079	1.4879
98.656	229.1079	1.4906
98.665	229.1079	1.4906
98.674	229.1079	1.4906
98.682	229.1079	1.4893
98.688	229.1079	1.492
98.697	229.1079	1.492
98.706	229.1079	1.492
98.718	229.1079	1.4933
98.728	229.1079	1.4933
98.739	229.1079	1.4933
98.749	229.1079	1.4906
98.763	229.1079	1.4879
98.78	229.1079	1.4866
98.906	229.1079	1.4852
98.928	229.1079	1.4812
98.937	229.1079	1.4812
98.947	229.1079	1.4798
98.954	229.1079	1.4825
98.961	229.1079	1.4785
98.97	229.1079	1.4771
98.978	229.1079	1.4785
98.986	229.1079	1.4798
98.991	229.1079	1.4785
98.998	229.1079	1.4798
99.005	229.1079	1.4812
99.013	229.1079	1.4839
99.021	229.1079	1.4852
99.992	229.1079	1.5014
100.32	234.43	1.5068
100.65	234.43	1.5176
100.66	234.43	1.5163
100.67	234.43	1.5204
100.69	234.43	1.519

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
433.81	697.7648	6.2839
433.96	694.997	6.2866
435.96	694.2687	6.315
436.84	686.9851	6.3271
437.96	689.7529	6.3447
439.18	682.3236	6.3622
439.96	683.6347	6.373
441.7	676.3511	6.3987
441.96	678.2449	6.4028
442.43	670.3786	6.4095
443.96	671.2526	6.4311
445.96	672.418	6.4608
447.96	673.729	6.4905
449.53	666.2998	6.5121
449.8	674.0204	6.5162
449.96	674.0204	6.5189
451.96	674.7487	6.5486
452.71	667.0282	6.558
453.51	659.7446	6.5702
453.96	665.4258	6.5769
455.51	657.9966	6.5999
455.96	663.2407	6.6053
457.96	661.2013	6.6336
459.35	653.7721	6.6552
459.96	654.6461	6.6633
461.55	647.3626	6.6877
461.8	654.9375	6.6904
461.96	654.0634	6.6917
462.91	646.7799	6.7066
463.96	647.0712	6.7214
465.31	639.7877	6.7403
465.81	647.3626	6.7484
465.91	639.7877	6.7498
465.96	643.5751	6.7511
467.13	636.2916	6.7673
467.96	633.2325	6.7808
468.68	625.5119	6.7903
469.96	627.4056	6.8092
471.96	625.6576	6.8389
473.06	617.937	6.8537
473.96	615.0236	6.8659
475.96	613.4212	6.8956
477.18	606.1376	6.9131
477.96	606.429	6.9239
479.06	599.1454	6.9415
479.43	591.5705	6.9455
479.96	586.7634	6.9536
480.64	579.0428	6.9631
481.5	571.3222	6.9766
481.96	572.1963	6.9833
482.35	564.4757	6.9888
483.1	556.7551	6.9996
483.96	556.1724	7.0117
485.96	556.0268	7.0401

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
157.58	419.4972	2.2954
157.6	419.4972	2.2967
157.61	419.4972	2.2967
157.62	419.4972	2.2967
157.64	419.4972	2.2954
157.65	419.4972	2.2967
157.66	419.4972	2.2967
157.67	419.4972	2.2981
157.69	419.4972	2.2981
157.7	419.4972	2.2981
157.72	419.4972	2.2967
157.74	419.4972	2.2967
157.77	419.4972	2.2954
157.85	419.4972	2.2927
157.86	419.4972	2.2913
157.87	419.4972	2.29
157.88	419.4972	2.2913
157.89	419.4972	2.29
157.9	419.4972	2.2913
157.91	419.4972	2.29
157.91	419.4972	2.29
157.92	419.4972	2.2886
157.93	419.4972	2.2873
157.93	419.4972	2.2886
157.94	419.4972	2.2886
157.95	419.4972	2.29
157.95	419.4972	2.29
157.96	419.4972	2.2913
157.97	419.4972	2.2927
157.99	425.0629	2.294
157.99	425.8268	2.294
159.55	425.8268	2.3251
159.56	425.8268	2.3251
159.57	425.8268	2.3251
159.58	425.8268	2.3251
159.6	425.8268	2.3264
159.61	425.8268	2.3264
159.62	425.8268	2.3264
159.63	425.8268	2.3264
159.64	425.8268	2.3264
159.65	425.8268	2.3278
159.66	425.8268	2.3278
159.67	425.8268	2.3264
159.68	425.8268	2.3278
159.7	425.8268	2.3278
159.72	425.8268	2.3251
159.74	425.8268	2.3251
159.84	425.8268	2.3197
159.85	425.8268	2.3197
159.86	425.8268	2.3197
159.87	425.8268	2.3197
159.87	425.8268	2.3183
159.88	425.8268	2.3183
159.89	425.8268	2.317

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
100.7	234.43	1.519
100.71	234.43	1.5204
100.72	234.43	1.519
100.73	234.43	1.5204
100.74	234.43	1.519
100.76	234.43	1.5204
100.77	234.43	1.5204
100.78	234.43	1.5176
100.8	234.43	1.5176
100.83	234.43	1.5176
100.9	234.43	1.5109
100.91	234.43	1.5136
100.92	234.43	1.5136
100.94	234.43	1.5082
100.95	234.43	1.5109
100.96	234.43	1.5082
100.97	234.43	1.5068
100.98	234.43	1.5095
100.98	234.43	1.5082
100.99	234.43	1.5082
101	234.43	1.5082
101	234.43	1.5082
101.01	234.43	1.5122
101.02	234.43	1.5136
101.04	241.1799	1.5176
101.21	241.1799	1.5217
101.91	241.1799	1.5298
101.99	241.1799	1.5325
102.66	241.1799	1.546
102.67	241.1799	1.546
102.68	241.1799	1.5487
102.69	241.1799	1.5474
102.7	241.1799	1.5474
102.71	241.1799	1.5501
102.72	241.1799	1.5487
102.73	241.1799	1.5501
102.74	241.1799	1.5487
102.75	241.1799	1.5487
102.76	241.1799	1.5487
102.77	241.1799	1.5501
102.79	241.1799	1.5474
102.81	241.1799	1.546
102.87	241.1799	1.5433
102.9	241.1799	1.5433
102.91	241.1799	1.542
102.93	241.1799	1.5379
102.94	241.1799	1.5406
102.95	241.1799	1.5366
102.95	241.1799	1.5366
102.96	241.1799	1.5366
102.97	241.1799	1.5393
102.98	241.1799	1.5366
102.98	241.1799	1.5379
102.99	241.1799	1.5393

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
487.23	548.7432	7.0603
487.96	548.3062	7.0698
489.48	541.0226	7.0914
489.96	545.6841	7.0981
491.54	538.4006	7.1211
491.96	540.7313	7.1278
493.03	533.0107	7.144
493.96	532.428	7.1562
495.96	530.3886	7.1859
497.33	522.6681	7.2048
497.61	514.9475	7.2088
497.96	520.1917	7.2142
498.25	512.6168	7.2183
499.42	520.046	7.2345
499.96	518.1523	7.2439
501.96	514.2191	7.2723
503.43	506.3529	7.2939
503.96	506.9356	7.3007
504.84	499.215	7.3142
505.96	498.6323	7.3304
506.94	490.9118	7.3439
507.96	488.8724	7.3601
509.57	481.1518	7.3817
509.96	484.9392	7.3884
511.28	477.2187	7.4073
511.96	480.5691	7.4168
513.12	472.8485	7.4343
513.96	471.8288	7.4465
514.92	464.1083	7.46
515.96	463.6713	7.4762
517.96	463.5256	7.5045
519.13	455.805	7.5207
519.96	457.1161	7.5329
521.96	459.3011	7.5612
523.96	456.3877	7.591
525.17	448.6671	7.6085
525.96	453.3286	7.6207
527.96	451.8719	7.649
529.74	444.1513	7.676
529.96	446.4821	7.6774
530.88	438.7615	7.6922
531.96	439.1985	7.7071
533.96	436.2851	7.7354
535.92	428.5645	7.7651
535.96	427.9818	7.7651
537.96	432.2063	7.7935
538.94	424.4857	7.8083
539.96	428.2732	7.8218
541.96	423.3203	7.8529
542.77	415.7454	7.8637
543.15	408.1705	7.8704
543.95	409.9186	7.8812
545.95	411.6667	7.9096
546.61	404.0918	7.9191

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
159.9	425.8268	2.3183
159.9	425.8268	2.317
159.91	425.8268	2.3183
159.91	425.8268	2.317
159.92	425.8268	2.317
159.93	425.8268	2.3183
159.93	425.8268	2.317
159.94	425.8268	2.317
159.95	425.8268	2.3197
159.96	431.3924	2.3237
159.97	436.9581	2.3251
159.99	438.4859	2.3251
160.16	438.4859	2.3291
160.77	438.4859	2.3372
160.89	438.4859	2.3386
160.98	438.4859	2.3386
161.55	438.4859	2.3507
161.58	438.4859	2.3534
161.6	438.4859	2.3534
161.62	438.4859	2.3521
161.64	438.4859	2.3534
161.66	438.4859	2.3534
161.68	438.4859	2.3548
161.7	438.4859	2.3534
161.71	438.4859	2.3548
161.73	438.4859	2.3534
161.75	438.4859	2.3548
161.76	438.4859	2.3548
161.79	438.4859	2.3548
161.87	438.4859	2.3534
161.89	438.4859	2.3507
161.9	438.4859	2.3494
161.91	438.4859	2.3507
161.92	438.4859	2.3507
161.93	438.4859	2.3494
161.94	438.4859	2.3494
161.95	438.4859	2.3507
161.95	438.4859	2.3521
161.96	438.4859	2.3494
161.97	438.4859	2.348
161.98	438.4859	2.3467
161.99	438.4859	2.3521
161.99	440.6685	2.3494
162	446.2341	2.3521
162.02	451.9089	2.3548
162.28	451.9089	2.3602
162.87	451.9089	2.3669
163.14	451.9089	2.3737
163.23	451.9089	2.3723
163.54	451.9089	2.3804
163.55	451.9089	2.3818
163.57	451.9089	2.3818
163.58	451.9089	2.3831
163.59	451.9089	2.3831

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103	241.1799	1.5379
103.01	241.1799	1.5393
103.02	245.5933	1.5447
103.99	245.9827	1.5609
104.48	252.7326	1.5676
104.65	252.7326	1.5757
104.66	252.7326	1.5757
104.67	252.7326	1.5757
104.68	252.7326	1.5784
104.69	252.7326	1.5757
104.7	252.7326	1.5784
104.71	252.7326	1.5784
104.72	252.7326	1.5771
104.73	252.7326	1.5784
104.74	252.7326	1.5784
104.76	252.7326	1.5771
104.77	252.7326	1.5784
104.78	252.7326	1.5757
104.8	252.7326	1.5744
104.86	252.7326	1.5744
104.9	252.7326	1.573
104.93	252.7326	1.5703
104.94	252.7326	1.569
104.95	252.7326	1.5676
104.96	252.7326	1.569
104.96	252.7326	1.5663
104.97	252.7326	1.5676
104.98	252.7326	1.5663
104.99	252.7326	1.569
104.99	252.7326	1.5676
105	252.7326	1.5649
105.01	252.7326	1.5676
105.02	252.7326	1.569
105.02	252.7326	1.569
105.04	252.7326	1.573
105.7	252.7326	1.5879
105.74	252.7326	1.5879
105.92	252.7326	1.5852
105.95	252.7326	1.5879
105.97	259.4826	1.5865
105.99	261.2999	1.5906
106.29	261.2999	1.5946
106.44	261.2999	1.596
106.65	261.2999	1.6041
106.66	261.2999	1.6041
106.67	261.2999	1.6041
106.69	261.2999	1.6027
106.7	261.2999	1.6054
106.72	261.2999	1.6054
106.72	261.2999	1.6041
106.74	261.2999	1.6068
106.75	261.2999	1.6054
106.77	261.2999	1.6054
106.78	261.2999	1.6068

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
547.95	404.0918	7.9393
549.43	396.3712	7.9609
549.95	393.4578	7.969
551.95	392.4381	7.9974
553.01	384.8632	8.0122
553.95	383.8435	8.0257
554.48	376.2686	8.0338
555.95	380.7844	8.0541
557.06	373.2095	8.0703
557.95	371.3158	8.0824
559.95	368.4023	8.1135
561.95	367.237	8.1405
563.72	366.2173	8.1675

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
163.6	451.9089	2.3831
163.62	451.9089	2.3845
163.63	451.9089	2.3845
163.64	451.9089	2.3845
163.65	451.9089	2.3858
163.66	451.9089	2.3845
163.67	451.9089	2.3831
163.68	451.9089	2.3845
163.7	451.9089	2.3845
163.72	451.9089	2.3845
163.74	451.9089	2.3845
163.77	451.9089	2.3818
163.8	451.9089	2.3818
163.84	451.9089	2.3791
163.85	451.9089	2.3777
163.86	451.9089	2.3764
163.87	451.9089	2.3777
163.87	451.9089	2.3764
163.88	451.9089	2.3764
163.89	451.9089	2.3764
163.9	451.9089	2.3737
163.9	451.9089	2.375
163.91	451.9089	2.375
163.91	451.9089	2.375
163.92	451.9089	2.3764
163.93	451.9089	2.375
163.94	451.9089	2.3777
163.94	451.9089	2.3764
163.95	451.9089	2.3791
163.96	457.3654	2.3804
163.98	463.0402	2.3831
163.99	463.8041	2.3845
164.06	463.8041	2.3858
165.23	463.8041	2.402
165.54	463.8041	2.4088
165.59	463.8041	2.4088
165.6	463.8041	2.4088
165.6	463.8041	2.4088
165.63	463.8041	2.4101
165.66	463.8041	2.4115
165.71	463.8041	2.4101
165.83	463.8041	2.4074
165.84	463.8041	2.4061
165.85	463.8041	2.4088
165.86	463.8041	2.4061
165.87	463.8041	2.4047
165.88	463.8041	2.4061
165.9	463.8041	2.4101
165.91	468.9333	2.4101
165.99	472.9711	2.4155
166.07	472.9711	2.4128
166.6	472.9711	2.4223
166.91	472.9711	2.4277
166.99	472.9711	2.4277

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
106.8	261.2999	1.6054
106.82	261.2999	1.6054
106.84	261.2999	1.6054
106.93	261.2999	1.5973
106.94	261.2999	1.5987
106.95	261.2999	1.596
106.96	261.2999	1.5973
106.97	261.2999	1.5973
106.97	261.2999	1.5946
106.98	261.2999	1.5946
106.99	261.2999	1.5946
106.99	261.2999	1.596
107	261.2999	1.5946
107.01	261.2999	1.5973
107.01	261.2999	1.596
107.02	261.2999	1.5987
107.03	261.2999	1.6
107.06	268.0498	1.6068
107.21	268.0498	1.6081
107.28	268.0498	1.6108
107.4	268.0498	1.6081
107.92	268.0498	1.6176
107.97	268.0498	1.6203
107.99	268.0498	1.6189
108.05	268.0498	1.6203
108.19	268.0498	1.6203
108.22	268.0498	1.6216
108.43	268.0498	1.6257
108.54	268.0498	1.6257
108.65	268.0498	1.6311
108.66	268.0498	1.6324
108.68	268.0498	1.6338
108.68	268.0498	1.6351
108.7	268.0498	1.6365
108.7	268.0498	1.6351
108.71	268.0498	1.6351
108.72	268.0498	1.6338
108.72	268.0498	1.6338
108.73	268.0498	1.6351
108.74	268.0498	1.6338
108.75	268.0498	1.6351
108.76	268.0498	1.6338
108.79	268.0498	1.6324
108.89	268.0498	1.6257
108.9	268.0498	1.6311
108.91	268.0498	1.6311
108.92	268.0498	1.6243
108.94	268.0498	1.6243
108.94	268.0498	1.6257
108.95	268.0498	1.6243
108.96	268.0498	1.6216
108.96	268.0498	1.6243
108.97	268.0498	1.6216
108.98	268.0498	1.6243

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.54	472.9711	2.4372
167.56	472.9711	2.4385
167.58	472.9711	2.4385
167.61	472.9711	2.4385
167.63	472.9711	2.4399
167.65	472.9711	2.4399
167.66	472.9711	2.4426
167.68	472.9711	2.4412
167.69	472.9711	2.4426
167.71	472.9711	2.4412
167.73	472.9711	2.4399
167.74	472.9711	2.4426
167.76	472.9711	2.4399
167.86	472.9711	2.4385
167.88	472.9711	2.4385
167.89	472.9711	2.4372
167.9	472.9711	2.4372
167.91	472.9711	2.4358
167.92	472.9711	2.4372
167.93	472.9711	2.4358
167.94	472.9711	2.4358
167.94	472.9711	2.4358
167.95	472.9711	2.4345
167.96	472.9711	2.4358
167.97	472.9711	2.4358
167.98	473.2985	2.4372
167.99	477.7728	2.4385
168	483.4476	2.4399
168.59	483.4476	2.452
168.66	483.4476	2.4507
169.53	483.4476	2.4682
169.55	483.4476	2.4682
169.57	483.4476	2.4696
169.58	483.4476	2.4696
169.59	483.4476	2.4696
169.61	483.4476	2.4696
169.62	483.4476	2.4709
169.63	483.4476	2.4709
169.65	483.4476	2.4723
169.66	483.4476	2.4723
169.67	483.4476	2.4723
169.68	483.4476	2.4723
169.69	483.4476	2.4723
169.71	483.4476	2.4723
169.73	483.4476	2.4696
169.75	483.4476	2.4696
169.83	483.4476	2.4655
169.84	483.4476	2.4655
169.85	483.4476	2.4655
169.86	483.4476	2.4655
169.87	483.4476	2.4642
169.88	483.4476	2.4642
169.89	483.4476	2.4642
169.9	483.4476	2.4642

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
108.98	268.0498	1.6243
108.99	268.0498	1.6257
109	268.0498	1.6311
109.01	270.6459	1.6324
109.03	277.3958	1.6338
109.13	277.3958	1.6365
109.33	277.3958	1.6392
109.47	277.3958	1.6392
109.99	277.3958	1.6486
110.21	277.3958	1.654
110.24	277.3958	1.6513
110.37	277.3958	1.6527
110.4	277.3958	1.6513
110.63	277.3958	1.6621
110.64	277.3958	1.6621
110.65	277.3958	1.6635
110.66	277.3958	1.6635
110.67	277.3958	1.6648
110.68	277.3958	1.6635
110.69	277.3958	1.6621
110.7	277.3958	1.6648
110.71	277.3958	1.6648
110.73	277.3958	1.6662
110.74	277.3958	1.6662
110.75	277.3958	1.6635
110.76	277.3958	1.6648
110.77	277.3958	1.6621
110.8	277.3958	1.6608
110.89	277.3958	1.6594
110.91	277.3958	1.6527
110.92	277.3958	1.654
110.93	277.3958	1.6554
110.94	277.3958	1.6567
110.94	277.3958	1.654
110.95	277.3958	1.6527
110.96	277.3958	1.654
110.97	277.3958	1.6527
110.98	277.3958	1.6513
110.98	277.3958	1.6527
110.99	277.3958	1.6554
111	277.3958	1.6554
111	277.3958	1.6567
111.01	277.3958	1.6581
111.03	281.8092	1.6635
111.73	281.8092	1.6743
111.92	281.8092	1.6756
111.99	282.1987	1.677
112.64	282.1987	1.6891
112.65	282.1987	1.6918
112.66	282.1987	1.6905
112.68	282.1987	1.6905
112.69	282.1987	1.6932
112.7	282.1987	1.6932
112.71	282.1987	1.6932

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
169.9	483.4476	2.4642
169.91	483.4476	2.4628
169.92	483.4476	2.4628
169.93	483.4476	2.4628
169.93	483.4476	2.4642
169.94	483.4476	2.4628
169.95	483.4476	2.4642
169.96	483.6659	2.4655
169.96	489.2315	2.4682
169.98	494.9063	2.4696
169.99	495.2337	2.4709
170.27	495.2337	2.4763
170.37	495.2337	2.4777
171.49	500.7993	2.4925
171.53	500.7993	2.4979
171.55	500.7993	2.4979
171.56	500.7993	2.4979
171.57	500.7993	2.4979
171.58	500.7993	2.4979
171.6	500.7993	2.4993
171.61	500.7993	2.4993
171.62	500.7993	2.5006
171.64	500.7993	2.4993
171.65	500.7993	2.5006
171.66	500.7993	2.5006
171.67	500.7993	2.4993
171.68	500.7993	2.5006
171.69	500.7993	2.5006
171.71	500.7993	2.5006
171.72	500.7993	2.4993
171.74	500.7993	2.4979
171.78	500.7993	2.4993
171.82	500.7993	2.4952
171.84	500.7993	2.4952
171.85	500.7993	2.4925
171.86	500.7993	2.4925
171.86	500.7993	2.4939
171.87	500.7993	2.4925
171.88	500.7993	2.4939
171.89	500.7993	2.4925
171.9	500.7993	2.4939
171.9	500.7993	2.4939
171.91	500.7993	2.4925
171.92	500.7993	2.4925
171.93	500.7993	2.4912
171.93	500.7993	2.4925
171.94	500.7993	2.4912
171.95	500.7993	2.4925
171.96	500.7993	2.4952
171.97	500.7993	2.4966
171.98	506.365	2.4979
171.99	507.8928	2.4993
172.21	507.8928	2.5047
172.28	507.8928	2.5047

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
112.72	282.1987	1.6932
112.73	282.1987	1.6932
112.75	282.1987	1.6945
112.76	282.1987	1.6932
112.77	282.1987	1.6945
112.78	282.1987	1.6918
112.8	282.1987	1.6905
112.91	282.1987	1.6837
112.92	282.1987	1.6824
112.93	282.1987	1.6851
112.94	282.1987	1.6824
112.94	282.1987	1.6824
112.95	282.1987	1.6837
112.96	282.1987	1.6824
112.97	282.1987	1.6824
112.97	282.1987	1.681
112.98	282.1987	1.6824
112.99	282.1987	1.6837
112.99	282.1987	1.6824
113	282.1987	1.6837
113.01	282.5881	1.6851
113.02	289.338	1.6878
113.99	289.338	1.708
113.99	289.338	1.708
114.09	289.338	1.7053
114.14	295.5687	1.708
114.63	295.5687	1.7215
114.64	295.5687	1.7188
114.65	295.5687	1.7229
114.66	295.5687	1.7215
114.67	295.5687	1.7256
114.68	295.5687	1.7242
114.68	295.5687	1.7229
114.69	295.5687	1.7256
114.7	295.5687	1.7242
114.71	295.5687	1.7242
114.72	295.5687	1.7242
114.73	295.5687	1.7242
114.73	295.5687	1.7229
114.74	295.5687	1.7229
114.76	295.5687	1.7215
114.77	295.5687	1.7188
114.85	295.5687	1.7175
114.88	295.5687	1.7121
114.89	295.5687	1.7134
114.9	295.5687	1.7148
114.9	295.5687	1.7175
114.92	295.5687	1.7148
114.93	295.5687	1.7121
114.94	295.5687	1.7121
114.95	295.5687	1.7094
114.95	295.5687	1.7107
114.96	295.5687	1.7107
114.97	295.5687	1.7107

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
172.37	507.8928	2.5033
172.6	507.8928	2.5101
172.68	507.8928	2.5114
172.87	507.8928	2.5128
173.54	507.8928	2.5249
173.56	507.8928	2.5263
173.58	507.8928	2.5276
173.6	507.8928	2.5276
173.62	507.8928	2.5276
173.63	507.8928	2.529
173.65	507.8928	2.5276
173.67	507.8928	2.5276
173.68	507.8928	2.529
173.69	507.8928	2.529
173.7	507.8928	2.5303
173.71	507.8928	2.5303
173.73	507.8928	2.5276
173.74	507.8928	2.5303
173.76	507.8928	2.5276
173.85	507.8928	2.5249
173.87	507.8928	2.5249
173.89	507.8928	2.5249
173.9	507.8928	2.5236
173.91	507.8928	2.5236
173.92	507.8928	2.5222
173.93	507.8928	2.5222
173.94	507.8928	2.5209
173.95	507.8928	2.5222
173.95	507.8928	2.5209
173.96	507.8928	2.5249
173.96	507.8928	2.5222
173.98	507.8928	2.5236
173.98	507.8928	2.5222
173.99	507.8928	2.5222
174	508.875	2.5236
174	514.5498	2.5249
174.02	520.1154	2.529
174.32	520.1154	2.5344
174.37	520.1154	2.5344
174.66	520.1154	2.5398
174.86	520.1154	2.5411
175.53	520.1154	2.5546
175.55	520.1154	2.5546
175.57	520.1154	2.556
175.58	520.1154	2.556
175.6	520.1154	2.556
175.61	520.1154	2.5573
175.63	520.1154	2.5573
175.64	520.1154	2.556
175.65	520.1154	2.5573
175.66	520.1154	2.5573
175.67	520.1154	2.5587
175.68	520.1154	2.56
175.69	520.1154	2.5587

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
114.97	295.5687	1.7107
114.98	295.5687	1.7148
114.99	295.5687	1.7161
115	295.5687	1.7161
115.02	302.3186	1.7202
115.08	302.3186	1.7229
115.35	302.3186	1.7256
115.42	302.3186	1.7229
115.99	302.3186	1.735
116.64	302.3186	1.7458
116.65	302.3186	1.7485
116.67	302.3186	1.7485
116.68	302.3186	1.7485
116.69	302.3186	1.7472
116.71	302.3186	1.7485
116.73	302.3186	1.7526
116.74	302.3186	1.7526
116.75	302.3186	1.7512
116.76	302.3186	1.7526
116.78	302.3186	1.7512
116.79	302.3186	1.7512
116.81	302.3186	1.7499
116.83	302.3186	1.7499
116.9	302.3186	1.7445
116.9	302.3186	1.7458
116.92	302.3186	1.7404
116.93	302.3186	1.7418
116.94	302.3186	1.7404
116.95	302.3186	1.7418
116.96	302.3186	1.7391
116.96	302.3186	1.7404
116.97	302.3186	1.7391
116.98	302.3186	1.7404
116.98	302.3186	1.7404
116.99	302.3186	1.7418
117	302.3186	1.7418
117	302.3186	1.7445
117.01	304.5253	1.7485
117.04	311.2752	1.7499
117.25	311.2752	1.7553
117.71	311.2752	1.758
117.99	311.2752	1.762
118.5	316.5973	1.7715
118.63	316.5973	1.7782
118.65	316.5973	1.7769
118.66	316.5973	1.7782
118.68	316.5973	1.7782
118.7	316.5973	1.7796
118.72	316.5973	1.7782
118.73	316.5973	1.7782
118.74	316.5973	1.7796
118.76	316.5973	1.7782
118.78	316.5973	1.7796
118.79	316.5973	1.7809

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
175.7	520.1154	2.56
175.71	520.1154	2.5587
175.73	520.1154	2.5573
175.75	520.1154	2.5573
175.84	520.1154	2.5519
175.85	520.1154	2.5519
175.86	520.1154	2.5519
175.87	520.1154	2.5533
175.88	520.1154	2.5519
175.89	520.1154	2.5519
175.9	520.1154	2.5533
175.9	520.1154	2.5519
175.91	520.1154	2.5506
175.92	520.1154	2.5506
175.92	520.1154	2.5506
175.93	520.1154	2.5506
175.94	520.1154	2.5479
175.95	520.1154	2.5506
175.95	520.1154	2.5519
175.96	520.1154	2.5519
175.97	520.1154	2.5519
175.98	525.5719	2.5533
175.99	529.2824	2.556
176	534.9572	2.5573
176.1	534.9572	2.56
177.26	534.9572	2.5762
177.52	534.9572	2.5843
177.54	534.9572	2.5843
177.55	534.9572	2.5843
177.57	534.9572	2.5857
177.58	534.9572	2.5857
177.59	534.9572	2.5857
177.6	534.9572	2.587
177.61	534.9572	2.587
177.63	534.9572	2.587
177.64	534.9572	2.587
177.65	534.9572	2.587
177.65	534.9572	2.5857
177.67	534.9572	2.587
177.68	534.9572	2.587
177.69	534.9572	2.5897
177.7	534.9572	2.5884
177.71	534.9572	2.587
177.73	534.9572	2.587
177.76	534.9572	2.583
177.82	534.9572	2.5816
177.83	534.9572	2.5816
177.84	534.9572	2.5816
177.85	534.9572	2.5816
177.86	534.9572	2.5803
177.87	534.9572	2.5789
177.88	534.9572	2.5803
177.89	534.9572	2.5789
177.89	534.9572	2.5803

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
118.81	316.5973	1.7782
118.83	316.5973	1.7809
118.84	316.5973	1.7782
118.88	316.5973	1.7755
118.92	316.5973	1.7715
118.93	316.5973	1.7728
118.93	316.5973	1.7715
118.94	316.5973	1.7701
118.95	316.5973	1.7715
118.96	316.5973	1.7728
118.97	316.5973	1.7728
118.98	316.5973	1.7701
118.98	316.5973	1.7701
118.99	316.5973	1.7674
119	316.5973	1.7715
119.01	316.5973	1.7688
119.01	316.5973	1.7701
119.02	316.5973	1.7742
119.03	316.5973	1.7755
119.05	323.3472	1.7755
119.29	323.3472	1.7823
119.52	323.3472	1.7863
119.92	323.3472	1.7958
119.99	323.3472	1.7904
120.04	323.3472	1.7917
120.55	329.0587	1.8012
120.59	329.0587	1.8039
120.63	329.0587	1.8079
120.64	329.0587	1.8079
120.65	329.0587	1.8066
120.66	329.0587	1.8079
120.67	329.0587	1.8079
120.69	329.0587	1.8079
120.7	329.0587	1.8066
120.71	329.0587	1.8079
120.73	329.0587	1.8093
120.74	329.0587	1.8093
120.75	329.0587	1.8106
120.76	329.0587	1.8093
120.77	329.0587	1.8079
120.79	329.0587	1.8066
120.82	329.0587	1.8066
120.91	329.0587	1.7998
120.92	329.0587	1.8012
120.93	329.0587	1.7998
120.93	329.0587	1.7971
120.94	329.0587	1.8012
120.94	329.0587	1.7998
120.95	329.0587	1.7985
120.96	329.0587	1.7985
120.97	329.0587	1.7985
120.97	329.0587	1.7971
120.98	329.0587	1.7998
120.99	329.0587	1.7971

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
177.9	534.9572	2.5762
177.9	534.9572	2.5803
177.91	534.9572	2.5776
177.92	534.9572	2.5762
177.93	534.9572	2.5789
177.93	534.9572	2.5776
177.94	534.9572	2.5789
177.94	534.9572	2.5803
177.95	534.9572	2.5803
177.96	534.9572	2.583
177.97	540.4137	2.5857
177.99	544.1241	2.5857
179.53	544.1241	2.6127
179.55	544.1241	2.614
179.57	544.1241	2.6127
179.58	544.1241	2.614
179.59	544.1241	2.6154
179.61	544.1241	2.6154
179.62	544.1241	2.6154
179.63	544.1241	2.6167
179.63	544.1241	2.6167
179.65	544.1241	2.6167
179.66	544.1241	2.6181
179.66	544.1241	2.6181
179.67	544.1241	2.6167
179.68	544.1241	2.6167
179.7	544.1241	2.6181
179.71	544.1241	2.6167
179.73	544.1241	2.6167
179.75	544.1241	2.6154
179.83	544.1241	2.6086
179.84	544.1241	2.6113
179.85	544.1241	2.61
179.86	544.1241	2.6113
179.86	544.1241	2.6086
179.87	544.1241	2.6086
179.88	544.1241	2.61
179.89	544.1241	2.6086
179.9	544.1241	2.6086
179.9	544.1241	2.6086
179.91	544.1241	2.6073
179.92	544.1241	2.6073
179.92	544.1241	2.6073
179.93	544.1241	2.6073
179.94	544.1241	2.6073
179.94	544.1241	2.6086
179.95	544.1241	2.61
179.96	544.1241	2.6113
179.97	549.6898	2.6113
179.98	555.2554	2.6154
179.99	556.0193	2.6154
180.37	556.0193	2.6235
180.62	556.0193	2.6262
181.54	556.0193	2.6397

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
120.99	329.0587	1.7985
121	329.0587	1.7985
121	329.0587	1.8012
121.01	329.0587	1.8039
121.03	335.8086	1.8066
121.14	335.8086	1.8106
121.73	335.8086	1.8174
121.99	336.198	1.8242
122.33	336.198	1.8269
122.46	336.198	1.8282
122.64	336.198	1.8363
122.65	336.198	1.8336
122.66	336.198	1.835
122.68	336.198	1.835
122.69	336.198	1.8363
122.7	336.198	1.8404
122.71	336.198	1.8377
122.72	336.198	1.8377
122.73	336.198	1.8377
122.74	336.198	1.839
122.75	336.198	1.839
122.76	336.198	1.8404
122.77	336.198	1.839
122.78	336.198	1.839
122.8	336.198	1.835
122.9	336.198	1.8336
122.92	336.198	1.8323
122.93	336.198	1.8296
122.94	336.198	1.8282
122.95	336.198	1.8282
122.95	336.198	1.8269
122.96	336.198	1.8255
122.97	336.198	1.8255
122.97	336.198	1.8255
122.98	336.198	1.8269
122.98	336.198	1.8255
122.99	336.198	1.8269
122.99	336.198	1.8269
123	336.198	1.8282
123.01	336.198	1.8296
123.02	342.8181	1.8363
123.04	349.5681	1.8377
123.19	349.5681	1.8377
123.61	349.5681	1.8444
123.67	349.5681	1.8444
123.99	349.5681	1.8498
124.12	350.8661	1.8512
124.26	350.8661	1.8552
124.39	350.8661	1.8579
124.62	350.8661	1.8633
124.64	350.8661	1.8647
124.66	350.8661	1.862
124.7	350.8661	1.8633
124.73	350.8661	1.8647

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.57	556.0193	2.6424
181.6	556.0193	2.6424
181.62	556.0193	2.641
181.64	556.0193	2.6424
181.66	556.0193	2.6437
181.68	556.0193	2.6437
181.7	556.0193	2.6437
181.71	556.0193	2.6451
181.73	556.0193	2.6437
181.75	556.0193	2.6451
181.76	556.0193	2.6424
181.8	556.0193	2.6451
181.88	556.0193	2.6437
181.89	556.0193	2.641
181.91	556.0193	2.6397
181.92	556.0193	2.641
181.93	556.0193	2.641
181.94	556.0193	2.6424
181.95	556.0193	2.641
181.96	556.0193	2.6397
181.96	556.0193	2.6397
181.97	556.0193	2.6397
181.98	556.0193	2.641
181.99	556.0193	2.6397
182	556.0193	2.6383
182.01	559.6206	2.641
182.02	565.1863	2.6437
182.05	570.8611	2.6451
182.24	570.8611	2.6491
182.89	570.8611	2.6599
183.12	570.8611	2.6613
183.55	570.8611	2.668
183.78	570.8611	2.6721
183.85	570.8611	2.6707
183.99	570.8611	2.6734
184.78	575.4445	2.6842
185.54	575.4445	2.6977
185.61	575.4445	2.6991
185.68	575.4445	2.7004
185.78	575.4445	2.7004
185.81	575.4445	2.6964
185.82	575.4445	2.6977
185.84	581.0102	2.7004
185.88	586.5758	2.7004
185.98	586.5758	2.7045
187.3	590.941	2.722
187.53	590.941	2.7274
187.58	590.941	2.7274
187.63	590.941	2.7288
187.72	590.941	2.7288
187.77	590.941	2.7288
187.8	590.941	2.7261
187.82	590.941	2.7261
187.83	590.941	2.7288

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
124.75	350.8661	1.866
124.77	350.8661	1.866
124.79	350.8661	1.8647
124.81	350.8661	1.866
124.83	350.8661	1.866
124.85	350.8661	1.8674
124.89	350.8661	1.8674
124.95	350.8661	1.8606
124.96	350.8661	1.8633
124.98	350.8661	1.8606
124.99	350.8661	1.8593
125	350.8661	1.862
125.01	350.8661	1.8606
125.02	350.8661	1.8606
125.03	350.8661	1.8579
125.04	350.8661	1.8606
125.05	350.8661	1.8606
125.05	350.8661	1.8606
125.06	350.8661	1.862
125.07	357.616	1.8647
125.09	364.366	1.8647
125.18	364.366	1.8701
125.25	364.366	1.8714
125.36	364.366	1.8701
125.99	364.366	1.8809
126.39	365.664	1.8849
126.62	365.664	1.8917
126.64	365.664	1.8903
126.66	365.664	1.8917
126.67	365.664	1.8944
126.68	365.664	1.893
126.7	365.664	1.893
126.71	365.664	1.8957
126.72	365.664	1.8957
126.73	365.664	1.8971
126.74	365.664	1.8957
126.76	365.664	1.8957
126.77	365.664	1.8971
126.78	365.664	1.8971
126.79	365.664	1.8957
126.8	365.664	1.8957
126.84	365.664	1.8944
126.89	365.664	1.8917
126.92	365.664	1.8876
126.93	365.664	1.8876
126.94	365.664	1.8876
126.95	365.664	1.8876
126.95	365.664	1.8849
126.96	365.664	1.8876
126.97	365.664	1.8849
126.97	365.664	1.8836
126.98	365.664	1.8849
126.99	365.664	1.8849
126.99	365.664	1.8876

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
187.86	596.5067	2.7301
187.98	596.5067	2.7342
189.04	599.7806	2.7477
189.53	599.7806	2.7558
189.57	599.7806	2.7585
189.61	599.7806	2.7585
189.63	599.7806	2.7585
189.65	599.7806	2.7599
189.68	599.7806	2.7585
189.71	599.7806	2.7585
189.74	599.7806	2.7612
189.84	599.7806	2.7572
189.86	599.7806	2.7558
189.87	599.7806	2.7558
189.88	599.7806	2.7558
189.88	599.7806	2.7545
189.89	599.7806	2.7531
189.9	599.7806	2.7545
189.91	599.7806	2.7558
189.92	605.3463	2.7558
189.94	610.9119	2.7612
189.98	612.4397	2.7599
190.19	612.4397	2.7653
190.87	612.4397	2.7761
190.91	612.4397	2.7774
191.1	612.4397	2.7774
191.54	612.4397	2.7855
191.59	612.4397	2.7869
191.63	612.4397	2.7869
191.69	612.4397	2.7882
191.79	612.4397	2.7869
191.82	612.4397	2.7828
191.84	612.4397	2.7842
191.85	612.4397	2.7855
191.86	617.8962	2.7869
191.98	618.2236	2.7896
193.66	618.2236	2.8152
193.74	618.2236	2.8166
193.84	623.6802	2.8152
193.98	623.6802	2.8206
194.37	626.6267	2.8247
194.59	626.6267	2.8287
194.76	626.6267	2.8301
195.23	626.6267	2.8368
195.3	626.6267	2.8382
195.51	626.6267	2.8422
195.59	626.6267	2.8436
195.67	626.6267	2.8436
195.77	626.6267	2.8436
195.78	626.6267	2.8436
195.83	626.6267	2.8449
195.98	627.1723	2.849
196.21	627.1723	2.853
196.4	627.1723	2.853

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127	365.664	1.8863
127	365.664	1.8863
127.01	365.664	1.8876
127.02	365.664	1.8903
127.03	372.2841	1.8917
127.33	372.2841	1.8998
127.63	372.2841	1.9038
127.99	372.2841	1.9092
128.64	372.2841	1.9227
128.66	372.2841	1.9214
128.67	372.2841	1.9214
128.69	372.2841	1.9214
128.7	372.2841	1.9227
128.72	372.2841	1.9241
128.73	372.2841	1.9241
128.74	372.2841	1.9241
128.75	372.2841	1.9254
128.76	372.2841	1.9254
128.78	372.2841	1.9241
128.79	372.2841	1.9254
128.8	372.2841	1.9254
128.82	372.2841	1.9254
128.83	372.2841	1.9227
128.92	372.2841	1.916
128.93	372.2841	1.9173
128.93	372.2841	1.9173
128.94	372.2841	1.9173
128.95	372.2841	1.916
128.96	372.2841	1.916
128.96	372.2841	1.9133
128.97	372.2841	1.916
128.98	372.2841	1.9173
128.98	372.2841	1.9146
128.99	372.2841	1.9146
129	372.2841	1.9146
129.01	372.2841	1.916
129.01	372.2841	1.9173
129.02	372.6736	1.9187
129.03	379.4235	1.9214
129.07	386.1734	1.9254
129.3	386.1734	1.9281
129.91	386.1734	1.9376
129.98	386.1734	1.9376
129.99	386.1734	1.9389
130.18	387.4715	1.9389
130.64	387.4715	1.9524
130.65	387.4715	1.9524
130.66	387.4715	1.9511
130.67	387.4715	1.9511
130.69	387.4715	1.9524
130.7	387.4715	1.9524
130.71	387.4715	1.9538
130.72	387.4715	1.9551
130.73	387.4715	1.9551

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
196.87	627.1723	2.8625
197.2	627.1723	2.8665
197.55	627.1723	2.8706
197.63	627.1723	2.8719
197.77	627.1723	2.8719
197.81	627.1723	2.8719
197.84	632.6288	2.8746
197.98	633.7202	2.8773
199.61	633.7202	2.903
199.8	633.7202	2.8989
199.82	639.1767	2.9016
199.86	644.7423	2.9043
199.87	650.4171	2.9097
199.87	655.9828	2.9097
199.88	655.9828	2.9084
199.89	655.9828	2.9097
199.9	655.9828	2.9097
199.91	655.9828	2.9097
199.92	655.9828	2.9097
199.93	655.9828	2.9097
199.94	655.9828	2.9111
199.95	655.9828	2.9138
199.96	655.9828	2.9124
199.97	655.9828	2.9111
199.98	655.9828	2.9111
199.98	655.9828	2.9111
199.99	655.9828	2.9124
200	655.9828	2.9138
200.01	655.9828	2.9111
200.02	655.9828	2.9124
200.03	655.9828	2.9097
200.04	655.9828	2.9124
200.05	655.9828	2.9097
200.06	655.9828	2.9111
200.08	655.9828	2.9111
200.19	655.9828	2.907
200.2	655.9828	2.9084
200.22	655.9828	2.907
200.23	655.9828	2.9057
200.24	655.9828	2.9057
200.25	655.9828	2.9043
200.26	655.9828	2.907
200.27	655.9828	2.9057
200.28	655.9828	2.9043
200.29	655.9828	2.9043
200.29	655.9828	2.903
200.3	655.9828	2.9043
200.31	655.9828	2.9057
200.31	655.9828	2.903
200.32	655.9828	2.903
200.33	655.9828	2.9043
200.34	655.9828	2.9057
200.35	655.9828	2.9084
200.36	655.9828	2.9111

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
130.74	387.4715	1.9538
130.75	387.4715	1.9551
130.76	387.4715	1.9565
130.77	387.4715	1.9551
130.78	387.4715	1.9551
130.8	387.4715	1.9524
130.81	387.4715	1.9524
130.84	387.4715	1.9511
130.89	387.4715	1.947
130.89	387.4715	1.9497
130.91	387.4715	1.9484
130.93	387.4715	1.9443
130.93	387.4715	1.9457
130.93	387.4715	1.947
130.93	387.4715	1.947
130.93	387.4715	1.947
130.94	387.4715	1.947
130.95	387.4715	1.943
130.96	387.4715	1.9416
130.96	387.4715	1.9416
130.97	387.4715	1.9443
130.97	387.4715	1.9443
130.98	387.4715	1.9443
130.99	387.4715	1.9457
131	388.7695	1.9484
131.02	395.3896	1.9524
131.27	395.3896	1.9565
131.58	395.3896	1.9605
131.99	395.3896	1.9686
132.34	401.6203	1.97
132.61	401.6203	1.9794
132.63	401.6203	1.9794
132.65	401.6203	1.9808
132.66	401.6203	1.9808
132.68	401.6203	1.9794
132.69	401.6203	1.9808
132.71	401.6203	1.9821
132.72	401.6203	1.9821
132.73	401.6203	1.9821
132.74	401.6203	1.9821
132.75	401.6203	1.9835
132.77	401.6203	1.9848
132.78	401.6203	1.9835
132.79	401.6203	1.9835
132.8	401.6203	1.9821
132.82	401.6203	1.9821
132.89	401.6203	1.9794
132.91	401.6203	1.974
132.92	401.6203	1.9754
132.93	401.6203	1.974
132.94	401.6203	1.9727
132.94	401.6203	1.9713
132.95	401.6203	1.9727
132.96	401.6203	1.9713

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
200.41	655.9828	2.9111
200.49	655.9828	2.9151
200.66	655.9828	2.9165
201.53	655.9828	2.93
201.55	655.9828	2.9313
201.58	655.9828	2.9327
201.6	655.9828	2.9327
201.62	655.9828	2.9327
201.64	655.9828	2.9327
201.66	655.9828	2.9327
201.67	655.9828	2.934
201.69	655.9828	2.934
201.7	655.9828	2.934
201.72	655.9828	2.934
201.73	655.9828	2.9313
201.78	655.9828	2.934
201.87	655.9828	2.93
201.88	655.9828	2.9313
201.9	655.9828	2.9313
201.91	655.9828	2.9313
201.92	655.9828	2.93
201.93	655.9828	2.9286
201.94	655.9828	2.93
201.95	655.9828	2.93
201.95	655.9828	2.93
201.96	655.9828	2.93
201.97	655.9828	2.9273
201.98	655.9828	2.9286
201.98	655.9828	2.9286
201.99	655.9828	2.9313
202	655.9828	2.93
202.01	655.9828	2.934
202.32	655.9828	2.9394
203.15	655.9828	2.9516
203.51	655.9828	2.9583
203.53	655.9828	2.961
203.55	655.9828	2.961
203.58	655.9828	2.961
203.59	655.9828	2.9624
203.61	655.9828	2.961
203.63	655.9828	2.9624
203.64	655.9828	2.9637
203.66	655.9828	2.9624
203.67	655.9828	2.9624
203.69	655.9828	2.9637
203.71	655.9828	2.9624
203.72	655.9828	2.9624
203.74	655.9828	2.961
203.78	655.9828	2.9637
203.85	655.9828	2.9624
203.88	655.9828	2.961
203.9	655.9828	2.9583
203.91	655.9828	2.9597
203.92	655.9828	2.9597

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.96	401.6203	1.9713
132.97	401.6203	1.97
132.98	401.6203	1.9713
132.98	401.6203	1.9713
132.99	401.6203	1.9713
132.99	401.6203	1.974
133	401.6203	1.974
133.01	402.1396	1.9767
133.02	408.7597	1.9794
133.99	411.3558	1.997
134.63	411.3558	2.0078
134.64	411.3558	2.0105
134.65	411.3558	2.0105
134.67	411.3558	2.0091
134.68	411.3558	2.0105
134.69	411.3558	2.0118
134.7	411.3558	2.0118
134.71	411.3558	2.0132
134.72	411.3558	2.0132
134.73	411.3558	2.0118
134.74	411.3558	2.0132
134.75	411.3558	2.0132
134.76	411.3558	2.0132
134.77	411.3558	2.0118
134.79	411.3558	2.0105
134.81	411.3558	2.0105
134.9	411.3558	2.0037
134.91	411.3558	2.0037
134.91	411.3558	2.0024
134.92	411.3558	2.0024
134.93	411.3558	2.0024
134.93	411.3558	2.001
134.94	411.3558	2.001
134.95	411.3558	2.001
134.95	411.3558	2.001
134.96	411.3558	2.001
134.97	411.3558	1.9997
134.97	411.3558	1.9997
134.98	411.3558	2.0024
134.99	411.3558	2.001
134.99	411.3558	2.0024
135	411.3558	2.0051
135.01	418.1057	2.0078
135.05	424.8557	2.0091
135.27	424.8557	2.0172
135.72	424.8557	2.0199
135.99	426.5431	2.024
136.63	426.5431	2.0361
136.65	426.5431	2.0361
136.68	426.5431	2.0375
136.71	426.5431	2.0388
136.73	426.5431	2.0388
136.75	426.5431	2.0388
136.76	426.5431	2.0388

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
203.93	655.9828	2.9583
203.94	655.9828	2.9583
203.95	655.9828	2.9583
203.95	655.9828	2.9583
203.96	655.9828	2.9583
203.97	655.9828	2.9583
203.98	655.9828	2.9583
203.98	655.9828	2.9583
203.99	655.9828	2.957
204	655.9828	2.9597
204.01	656.7467	2.9597
204.03	662.3123	2.9637
204.34	662.3123	2.9691
204.79	662.3123	2.9745
205.3	662.3123	2.984
205.38	662.3123	2.9826
205.54	662.3123	2.9867
205.59	662.3123	2.9907
205.61	662.3123	2.9894
205.64	662.3123	2.9907
205.67	662.3123	2.9907
205.71	662.3123	2.9907
205.73	662.3123	2.9894
205.82	662.3123	2.988
205.83	662.3123	2.988
205.85	662.3123	2.9894
205.86	662.3123	2.9867
205.87	662.3123	2.9867
205.88	662.3123	2.988
205.89	662.3123	2.988
205.91	667.7688	2.9907
205.98	669.9514	2.9934
207.52	669.9514	3.0177
207.56	669.9514	3.0191
207.59	669.9514	3.0177
207.61	669.9514	3.0204
207.63	669.9514	3.0218
207.64	669.9514	3.0204
207.66	669.9514	3.0204
207.68	669.9514	3.0218
207.7	669.9514	3.0218
207.71	669.9514	3.0204
207.73	669.9514	3.0204
207.77	669.9514	3.0204
207.86	669.9514	3.0164
207.88	669.9514	3.0177
207.89	669.9514	3.0177
207.9	669.9514	3.0164
207.91	669.9514	3.0177
207.92	669.9514	3.0164
207.93	669.9514	3.0164
207.94	669.9514	3.0164
207.95	669.9514	3.0164
207.96	669.9514	3.0164

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
136.77	426.5431	2.0415
136.79	426.5431	2.0402
136.8	426.5431	2.0402
136.82	426.5431	2.0415
136.83	426.5431	2.0429
136.84	426.5431	2.0415
136.86	426.5431	2.0415
136.89	426.5431	2.0375
136.92	426.5431	2.0334
136.94	426.5431	2.0348
136.95	426.5431	2.0348
136.96	426.5431	2.0348
136.97	426.5431	2.0361
136.98	426.5431	2.0334
136.99	426.5431	2.0348
136.99	426.5431	2.0321
137	426.5431	2.0321
137.01	426.5431	2.0334
137.02	426.5431	2.0334
137.03	426.5431	2.0348
137.03	426.5431	2.0321
137.04	426.5431	2.0321
137.05	426.9326	2.0348
137.06	433.6825	2.0361
137.08	440.4324	2.0402
137.19	440.4324	2.0456
137.57	440.4324	2.0469
137.63	440.4324	2.0483
137.99	440.4324	2.0537
138.3	440.4324	2.0577
138.62	440.4324	2.0645
138.67	440.4324	2.0645
138.72	440.4324	2.0672
138.74	440.4324	2.0685
138.76	440.4324	2.0685
138.77	440.4324	2.0685
138.79	440.4324	2.0685
138.8	440.4324	2.0699
138.82	440.4324	2.0712
138.83	440.4324	2.0685
138.85	440.4324	2.0699
138.86	440.4324	2.0672
138.9	440.4324	2.0685
138.95	440.4324	2.0645
138.97	440.4324	2.0658
138.98	440.4324	2.0645
139	440.4324	2.0658
139.01	440.4324	2.0645
139.02	440.4324	2.0658
139.03	440.4324	2.0645
139.04	440.4324	2.0645
139.05	440.4324	2.0645
139.05	440.4324	2.0645
139.06	440.4324	2.0618

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
207.97	669.9514	3.0164
207.97	669.9514	3.015
207.98	675.408	3.0191
207.98	675.7354	3.0191
208	681.301	3.0218
208.76	681.301	3.0326
208.81	681.301	3.0339
209.54	681.301	3.0461
209.57	681.301	3.0475
209.61	681.301	3.0475
209.66	681.301	3.0461
209.79	681.301	3.0448
209.8	681.301	3.0434
209.82	681.301	3.0448
209.83	681.301	3.0448
209.84	686.7575	3.0461
209.92	692.3232	3.0502
209.98	692.3232	3.0502
211.53	692.3232	3.0758
211.55	692.3232	3.0758
211.59	692.3232	3.0758
211.61	692.3232	3.0772
211.63	692.3232	3.0785
211.65	692.3232	3.0772
211.68	692.3232	3.0772
211.7	692.3232	3.0799
211.72	692.3232	3.0772
211.78	692.3232	3.0772
211.84	692.3232	3.0758
211.86	692.3232	3.0758
211.87	692.3232	3.0758
211.89	692.3232	3.0745
211.9	692.3232	3.0758
211.91	692.3232	3.0758
211.92	692.3232	3.0745
211.93	692.3232	3.0745
211.94	692.3232	3.0745
211.95	692.3232	3.0758
211.96	695.1606	3.0772
211.98	700.2897	3.0799
212.53	700.2897	3.088
213.06	700.2897	3.0961
213.52	700.2897	3.1042
213.57	700.2897	3.1055
213.6	700.2897	3.1069
213.63	700.2897	3.1055
213.65	700.2897	3.1069
213.69	700.2897	3.1069
213.73	700.2897	3.1042
213.81	700.2897	3.1042
213.82	700.2897	3.1042
213.84	700.2897	3.1028
213.85	700.2897	3.1028
213.86	700.2897	3.1028

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.08	440.4324	2.0631
139.09	440.4324	2.0658
139.1	445.6246	2.0685
139.14	452.3746	2.0699
139.19	452.3746	2.0726
139.6	452.3746	2.078
139.77	452.3746	2.078
139.99	452.3746	2.0834
140.64	452.3746	2.0942
140.67	452.3746	2.0942
140.7	452.3746	2.0969
140.72	452.3746	2.0969
140.73	452.3746	2.0969
140.75	452.3746	2.0969
140.77	452.3746	2.0969
140.78	452.3746	2.0969
140.8	452.3746	2.0969
140.82	452.3746	2.0996
140.84	452.3746	2.0996
140.86	452.3746	2.0942
140.89	452.3746	2.0955
140.93	452.3746	2.0942
140.95	452.3746	2.0928
140.96	452.3746	2.0928
140.97	452.3746	2.0928
140.98	452.3746	2.0915
140.99	452.3746	2.0928
140.99	452.3746	2.0915
141	452.3746	2.0915
141.01	452.3746	2.0915
141.02	452.3746	2.0888
141.03	452.3746	2.0901
141.03	452.3746	2.0901
141.05	452.3746	2.0915
141.05	457.1774	2.0955
141.07	463.9273	2.0969
141.44	463.9273	2.105
141.73	463.9273	2.1063
141.99	466.0042	2.1117
142.65	466.0042	2.1226
142.7	466.0042	2.1239
142.72	466.0042	2.1253
142.74	466.0042	2.1266
142.76	466.0042	2.1266
142.78	466.0042	2.1253
142.8	466.0042	2.1266
142.81	466.0042	2.1266
142.83	466.0042	2.1266
142.85	466.0042	2.1266
142.9	466.0042	2.128
142.95	466.0042	2.1239
142.97	466.0042	2.1239
142.99	466.0042	2.1226
143	466.0042	2.1226

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
213.87	700.2897	3.1028
213.88	700.2897	3.1055
213.91	705.7462	3.1055
213.98	705.7462	3.1096
214.21	705.7462	3.1123
215.16	705.7462	3.1258
215.51	705.7462	3.1339
215.57	705.7462	3.1352
215.61	705.7462	3.1352
215.64	705.7462	3.1352
215.67	705.7462	3.1352
215.73	705.7462	3.1339
215.79	705.7462	3.1325
215.81	705.7462	3.1325
215.82	705.7462	3.1325
215.83	705.7462	3.1312
215.85	705.7462	3.1325
215.86	705.7462	3.1339
215.88	710.3297	3.1352
215.98	713.2762	3.1379
216.23	713.2762	3.142
216.56	713.2762	3.146
217.85	719.0601	3.1636
217.98	719.824	3.1676
218.78	725.2805	3.1798
219.62	725.2805	3.1906
219.7	725.2805	3.1919
219.82	730.8462	3.1919
219.98	730.8462	3.1973
221.54	730.8462	3.2203
221.58	730.8462	3.2216
221.61	730.8462	3.2203
221.64	730.8462	3.2216
221.68	730.8462	3.223
221.72	730.8462	3.2216
221.79	730.8462	3.2203
221.81	730.8462	3.2189
221.82	730.8462	3.2176
221.84	730.8462	3.2189
221.85	730.8462	3.2189
221.87	730.8462	3.2216
221.88	733.5745	3.2216
221.91	739.1401	3.223
221.98	739.1401	3.2243
222.12	739.1401	3.227
222.68	739.1401	3.2338
223.81	742.6323	3.2527
223.98	742.6323	3.2554
224.93	747.7614	3.2675
225.84	753.2179	3.281
225.98	753.2179	3.2824
226.93	758.3471	3.2959
227.56	758.3471	3.308
227.74	758.3471	3.308

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
143.01	466.0042	2.1226
143.02	466.0042	2.1226
143.03	466.0042	2.1226
143.04	466.0042	2.1212
143.05	466.0042	2.1212
143.06	466.0042	2.1212
143.07	466.0042	2.1212
143.08	472.7541	2.1226
143.1	479.3743	2.1266
143.32	479.3743	2.132
143.99	479.3743	2.1401
144.28	482.1002	2.1442
144.61	482.1002	2.1536
144.64	482.1002	2.1523
144.65	482.1002	2.1536
144.68	482.1002	2.1523
144.7	482.1002	2.155
144.71	482.1002	2.1536
144.73	482.1002	2.155
144.74	482.1002	2.1563
144.76	482.1002	2.1563
144.77	482.1002	2.1563
144.78	482.1002	2.1577
144.79	482.1002	2.159
144.8	482.1002	2.1577
144.82	482.1002	2.1577
144.83	482.1002	2.1563
144.84	482.1002	2.1563
144.88	482.1002	2.1509
144.91	482.1002	2.1509
144.93	482.1002	2.1509
144.94	482.1002	2.1509
144.95	482.1002	2.1509
144.96	482.1002	2.1523
144.97	482.1002	2.1496
144.97	482.1002	2.1496
144.98	482.1002	2.1482
144.99	482.1002	2.1482
145	482.1002	2.1482
145	482.1002	2.1455
145.01	482.1002	2.1455
145.02	482.1002	2.1469
145.02	482.1002	2.1469
145.03	482.1002	2.1469
145.03	482.1002	2.1469
145.04	482.1002	2.1509
145.05	488.7203	2.1536
145.37	488.7203	2.1617
145.45	488.7203	2.1604
145.56	488.7203	2.1644
145.65	488.7203	2.1658
145.99	488.7203	2.1685
146.1	493.1337	2.1725
146.16	493.1337	2.1725

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
227.82	763.8036	3.3094
227.98	763.8036	3.3121
228.99	766.9684	3.3256
229.56	766.9684	3.3364
229.6	766.9684	3.335
229.62	766.9684	3.3391
229.65	766.9684	3.3377
229.67	766.9684	3.3391
229.7	766.9684	3.3391
229.81	766.9684	3.3364
229.82	766.9684	3.3364
229.84	766.9684	3.3364
229.85	766.9684	3.3337
229.87	766.9684	3.3337
229.88	766.9684	3.3377
229.89	772.534	3.3391
229.92	778.0997	3.3391
229.98	778.0997	3.3404
230.26	778.0997	3.3445
230.44	778.0997	3.3472
230.55	778.0997	3.3486
230.87	778.0997	3.354
231.06	778.0997	3.358
231.34	778.0997	3.3594
231.42	778.0997	3.3607
231.75	778.0997	3.3675
231.77	778.0997	3.3688
231.92	778.0997	3.3688
231.98	778.0997	3.3715
232.04	778.0997	3.3702
232.46	778.0997	3.3769
233.54	778.0997	3.3918
233.74	778.0997	3.3945
233.83	779.8457	3.3972
233.98	779.8457	3.3985
235.12	784.1018	3.4161
235.36	784.1018	3.4188
235.4	784.1018	3.4188
235.5	784.1018	3.4215
235.74	784.1018	3.4242
235.98	784.1018	3.4282
236.89	789.1218	3.4417
237.06	789.1218	3.4431
237.23	789.1218	3.4444
237.58	789.1218	3.4525
237.78	789.1218	3.4539
237.94	794.5783	3.4566
237.98	794.5783	3.4579
239.59	794.5783	3.4809
239.72	794.5783	3.4795
239.74	795.8879	3.4822
239.8	801.4536	3.4836
239.98	801.4536	3.4876
241.36	806.037	3.5052

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.28	493.1337	2.1725
146.62	493.1337	2.182
146.64	493.1337	2.182
146.66	493.1337	2.182
146.68	493.1337	2.1833
146.69	493.1337	2.186
146.7	493.1337	2.1847
146.71	493.1337	2.186
146.72	493.1337	2.1874
146.73	493.1337	2.186
146.74	493.1337	2.1874
146.74	493.1337	2.186
146.75	493.1337	2.1874
146.76	493.1337	2.1887
146.77	493.1337	2.186
146.78	493.1337	2.186
146.8	493.1337	2.1833
146.82	493.1337	2.1833
146.89	493.1337	2.1806
146.91	493.1337	2.1779
146.91	493.1337	2.1779
146.92	493.1337	2.1766
146.93	493.1337	2.1766
146.93	493.1337	2.1766
146.94	493.1337	2.1766
146.95	493.1337	2.1766
146.95	493.1337	2.1752
146.96	493.1337	2.1752
146.97	493.1337	2.1752
146.97	493.1337	2.1752
146.98	493.1337	2.1752
146.99	493.1337	2.1752
146.99	493.1337	2.1752
147	493.1337	2.1752
147.01	493.1337	2.1779
147.01	499.7538	2.1806
147.03	506.5037	2.1833
147.18	506.5037	2.1887
147.85	506.5037	2.1968
147.99	506.5037	2.1982
148.66	506.5037	2.2103
148.7	506.5037	2.213
148.71	506.5037	2.2144
148.73	506.5037	2.2117
148.75	506.5037	2.213
148.76	506.5037	2.213
148.78	506.5037	2.2157
148.79	506.5037	2.2144
148.81	506.5037	2.2171
148.82	506.5037	2.2157
148.83	506.5037	2.2157
148.84	506.5037	2.2171
148.86	506.5037	2.2117
148.89	506.5037	2.2171

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
241.45	806.037	3.5092
241.74	806.037	3.5119
241.98	807.8923	3.516
242.81	813.3488	3.5268
243.11	813.3488	3.5335
243.28	813.3488	3.5335
243.58	813.3488	3.5389
243.68	813.3488	3.5389
243.98	816.5136	3.5443
244.92	821.9701	3.5565
245.98	822.9522	3.574
246.46	828.5179	3.5808
246.69	828.5179	3.5835
246.74	828.5179	3.5848
246.87	828.5179	3.5821
246.9	828.5179	3.5848
247.6	828.5179	3.597
247.73	828.5179	3.597
247.94	833.8653	3.601
247.98	833.8653	3.6024
249.82	838.1214	3.628
249.98	838.1214	3.6307
250.31	838.1214	3.6375
250.49	838.1214	3.6375
251.42	843.4688	3.651
251.51	843.4688	3.6551
251.59	843.4688	3.6564
251.65	843.4688	3.6564
251.73	843.4688	3.6551
251.76	843.4688	3.6524
251.78	843.4688	3.6551
251.82	848.9253	3.6564
251.98	848.9253	3.6632
253.44	852.854	3.6807
253.5	852.854	3.6821
253.57	852.854	3.6848
253.61	852.854	3.6848
253.71	852.854	3.6834
253.74	852.854	3.6834
253.78	852.854	3.6821
253.79	852.854	3.6834
253.82	852.854	3.6861
253.98	852.854	3.6902
255.53	852.854	3.7118
255.64	852.854	3.7131
255.73	852.854	3.7131
255.75	852.854	3.7118
255.78	857.0009	3.7145
255.98	858.0922	3.7172
257.46	863.767	3.7401
257.52	863.767	3.7401
257.73	863.767	3.7428
257.98	866.277	3.7469
259.55	866.277	3.7712

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
148.95	506.5037	2.2103
148.97	506.5037	2.2103
148.98	506.5037	2.209
148.99	506.5037	2.209
149	506.5037	2.209
149.01	506.5037	2.2076
149.02	506.5037	2.2076
149.03	506.5037	2.2063
149.03	506.5037	2.2076
149.04	506.5037	2.209
149.05	506.5037	2.2076
149.06	506.5037	2.2076
149.07	506.5037	2.2076
149.08	506.5037	2.209
149.09	511.696	2.2103
149.1	518.4459	2.213
149.44	518.4459	2.2211
149.99	518.4459	2.2306
150.53	520.9122	2.236
150.62	520.9122	2.24
150.64	520.9122	2.24
150.66	520.9122	2.24
150.67	520.9122	2.2414
150.68	520.9122	2.2414
150.7	520.9122	2.2427
150.71	520.9122	2.2441
150.72	520.9122	2.2441
150.72	520.9122	2.2441
150.73	520.9122	2.2454
150.74	520.9122	2.2441
150.75	520.9122	2.2441
150.76	520.9122	2.2441
150.77	520.9122	2.2441
150.78	520.9122	2.2441
150.79	520.9122	2.2441
150.8	520.9122	2.2414
150.84	520.9122	2.2414
150.89	520.9122	2.236
150.9	520.9122	2.236
150.91	520.9122	2.236
150.91	520.9122	2.236
150.92	520.9122	2.236
150.93	520.9122	2.2319
150.94	520.9122	2.2346
150.94	520.9122	2.2333
150.95	520.9122	2.2333
150.95	520.9122	2.2333
150.96	520.9122	2.2319
150.97	520.9122	2.2333
150.97	520.9122	2.2333
150.98	520.9122	2.2333
150.98	520.9122	2.2346
150.99	520.9122	2.2346
151	520.9122	2.236

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
259.73	866.277	3.7712
259.98	867.1501	3.7766
261.58	867.1501	3.7995
261.72	867.1501	3.7982
261.82	872.4974	3.8022
261.98	873.9161	3.8049
263.78	879.5909	3.8292
263.98	880.3548	3.8333
265.19	886.1387	3.8508
265.42	886.1387	3.8562
265.73	886.1387	3.8589
265.94	891.5953	3.8616
265.98	891.5953	3.8616
266.23	891.5953	3.8657
266.55	891.5953	3.8697
267.49	891.5953	3.8859
267.72	891.5953	3.8859
267.98	894.2144	3.8927
268.38	894.2144	3.8981
268.48	894.2144	3.8967
269.33	899.9983	3.9116
269.58	899.9983	3.917
269.74	899.9983	3.917
269.98	900.2166	3.921
270.97	906.0005	3.9345
271.52	906.0005	3.9413
271.72	906.0005	3.9467
271.98	906.2187	3.9494
272.12	906.2187	3.9507
272.53	906.2187	3.9562
272.82	906.2187	3.9629
273.2	906.2187	3.967
273.56	906.2187	3.9751
273.72	906.2187	3.9737
273.98	908.1831	3.9778
275.27	913.967	3.9967
275.56	913.967	4.0021
275.73	913.967	4.0034
275.94	919.4235	4.0061
275.98	919.4235	4.0075
277.79	924.3344	4.0331
277.98	924.3344	4.0385
277.98	924.3344	4.0372
277.99	924.3344	4.0372
278.01	924.3344	4.0385
278.11	924.3344	4.0385
278.18	924.3344	4.0372
278.21	924.3344	4.0358
278.23	924.3344	4.0358
278.25	924.3344	4.0372
278.36	929.3544	4.0426
278.47	929.3544	4.0439
279.55	929.3544	4.0615
279.7	929.3544	4.0601

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
151.01	520.9122	2.24
151.02	527.6622	2.2427
151.3	527.6622	2.2481
151.81	527.6622	2.2535
151.99	528.9602	2.2562
152.62	528.9602	2.2711
152.64	528.9602	2.2697
152.65	528.9602	2.2684
152.67	528.9602	2.2697
152.69	528.9602	2.2724
152.7	528.9602	2.2724
152.71	528.9602	2.2738
152.72	528.9602	2.2711
152.73	528.9602	2.2738
152.74	528.9602	2.2724
152.75	528.9602	2.2738
152.76	528.9602	2.2738
152.77	528.9602	2.2751
152.78	528.9602	2.2738
152.79	528.9602	2.2738
152.8	528.9602	2.2724
152.82	528.9602	2.2711
152.89	528.9602	2.2697
152.91	528.9602	2.2643
152.92	528.9602	2.2643
152.93	528.9602	2.2643
152.93	528.9602	2.263
152.94	528.9602	2.263
152.95	528.9602	2.2643
152.95	528.9602	2.2643
152.96	528.9602	2.263
152.97	528.9602	2.263
152.97	528.9602	2.2603
152.98	528.9602	2.2616
152.98	528.9602	2.2616
152.99	528.9602	2.263
153	528.9602	2.263
153	528.9602	2.2657
153.01	528.9602	2.267
153.02	535.0611	2.2684
153.03	541.811	2.2711
153.5	541.811	2.2792
153.51	541.811	2.2832
153.65	541.811	2.2778
153.68	541.811	2.2805
153.99	541.811	2.2859
154.62	541.811	2.2967
154.65	541.811	2.2994
154.67	541.811	2.2981
154.69	541.811	2.3008
154.71	541.811	2.2994
154.72	541.811	2.3008
154.73	541.811	2.3021
154.74	541.811	2.3008

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
279.98	929.3544	4.0655
280.53	932.0826	4.0736
281.58	932.0826	4.0898
281.7	932.0826	4.0898
281.78	937.43	4.0912
281.98	937.43	4.0939
283.48	937.43	4.1182
283.54	937.43	4.1182
283.6	937.43	4.1195
283.76	937.43	4.1168
283.77	937.43	4.1168
283.78	937.43	4.1182
283.81	942.3409	4.1195
283.98	944.8509	4.1236
284.18	944.8509	4.1263
284.37	944.8509	4.129
285.53	944.8509	4.1465
285.59	944.8509	4.1479
285.98	944.8509	4.1533
286.56	944.8509	4.1614
287.15	944.8509	4.1681
287.71	944.8509	4.1789
287.98	944.8509	4.1816
288.95	944.8509	4.1951
289.18	944.8509	4.1992
289.39	944.8509	4.2019
289.52	944.8509	4.2046
289.73	944.8509	4.2059
289.98	945.5057	4.21
291.23	951.1804	4.2289
291.46	951.1804	4.2329
291.79	951.1804	4.237
291.98	953.6904	4.2397
292.1	953.6904	4.241
292.57	953.6904	4.2478
293.56	953.6904	4.2627
293.75	953.6904	4.2627
293.98	954.8909	4.2681
295.53	954.8909	4.291
295.7	954.8909	4.291
295.79	960.1291	4.2951
295.98	960.1291	4.2978
297.57	960.1291	4.3221
297.72	960.1291	4.3221
297.76	963.8396	4.3221
297.98	963.8396	4.3275
299.8	968.7504	4.3531
299.98	968.7504	4.3558
301.06	971.1513	4.3707
301.47	971.1513	4.3788
301.56	971.1513	4.3788
301.65	971.1513	4.3788
301.71	971.1513	4.3801
301.98	971.1513	4.3842

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
154.75	541.811	2.3021
154.76	541.811	2.3021
154.77	541.811	2.3035
154.78	541.811	2.3035
154.79	541.811	2.3035
154.8	541.811	2.3021
154.81	541.811	2.3021
154.83	541.811	2.2994
154.87	541.811	2.2994
154.9	541.811	2.2954
154.91	541.811	2.2954
154.92	541.811	2.294
154.93	541.811	2.294
154.93	541.811	2.2927
154.94	541.811	2.2954
154.95	541.811	2.2927
154.96	541.811	2.2913
154.96	541.811	2.294
154.97	541.811	2.29
154.98	541.811	2.2913
154.98	541.811	2.2913
154.99	541.811	2.2913
155	541.811	2.2927
155	541.811	2.2913
155.01	541.811	2.294
155.02	541.811	2.294
155.02	547.0033	2.2954
155.04	553.7532	2.3008
155.99	554.1426	2.3143
156.63	554.1426	2.3264
156.65	554.1426	2.3278
156.67	554.1426	2.3278
156.69	554.1426	2.3291
156.7	554.1426	2.3305
156.71	554.1426	2.3291
156.72	554.1426	2.3305
156.74	554.1426	2.3305
156.74	554.1426	2.3305
156.75	554.1426	2.3318
156.76	554.1426	2.3305
156.78	554.1426	2.3318
156.79	554.1426	2.3318
156.8	554.1426	2.3318
156.81	554.1426	2.3305
156.82	554.1426	2.3291
156.84	554.1426	2.3264
156.89	554.1426	2.3251
156.91	554.1426	2.3237
156.92	554.1426	2.3237
156.93	554.1426	2.3237
156.94	554.1426	2.321
156.94	554.1426	2.321
156.95	554.1426	2.3237
156.96	554.1426	2.3224

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
302.26	976.0622	4.3882
302.95	976.0622	4.399
303.35	976.0622	4.4031
303.49	976.0622	4.4071
303.79	976.0622	4.4112
303.98	976.0622	4.4125
305.45	976.0622	4.4368
305.56	976.0622	4.4368
305.65	976.0622	4.4382
305.78	976.0622	4.4382
305.97	976.0622	4.4422
307.47	976.0622	4.4652
307.55	976.0622	4.4652
307.97	976.0622	4.4719
308.29	976.0622	4.476
308.33	976.0622	4.476
308.79	976.0622	4.4827
309.55	976.0622	4.4935
309.69	976.0622	4.4962
309.84	976.0622	4.4976
309.97	976.0622	4.5003
311.42	976.0622	4.5219
311.46	976.0622	4.5232
311.73	976.0622	4.5259
311.97	976.0622	4.53
312.38	976.0622	4.5367
313.77	976.0622	4.5556
313.97	976.0622	4.5584
314.68	976.0622	4.5692
314.88	976.0622	4.5705
315.37	976.0622	4.58
315.7	976.0622	4.5827
315.97	976.0622	4.5854
316.24	976.0622	4.5908
316.29	976.0622	4.5921
317.52	976.0622	4.6097
317.56	976.0622	4.6124
317.6	976.0622	4.6124
317.73	976.0622	4.6097
317.75	976.0622	4.6083
317.76	976.0622	4.611
317.79	976.3896	4.6124
317.97	977.8083	4.6164
318.24	977.8083	4.6218
318.35	977.8083	4.6218
319.5	977.8083	4.6394
319.7	977.8083	4.6421
319.97	979.3361	4.6461
321.57	979.3361	4.6677
321.69	979.3361	4.6691
321.97	980.1	4.6731
322.64	980.1	4.6839
323.52	980.1	4.6961
323.75	980.1	4.6988

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
156.96	554.1426	2.3224
156.97	554.1426	2.3224
156.98	554.1426	2.3197
156.99	554.1426	2.3183
156.99	554.1426	2.321
157	554.1426	2.3197
157	554.1426	2.321
157.01	554.1426	2.3237
157.02	554.1426	2.3224
157.03	560.7627	2.3278
157.05	567.3828	2.3278
157.56	567.3828	2.3386
157.99	567.3828	2.344
158.33	567.3828	2.3494
158.61	567.3828	2.3561
158.62	567.3828	2.3575
158.64	567.3828	2.3561
158.65	567.3828	2.3561
158.66	567.3828	2.3575
158.67	567.3828	2.3588
158.68	567.3828	2.3602
158.69	567.3828	2.3602
158.7	567.3828	2.3615
158.71	567.3828	2.3602
158.72	567.3828	2.3602
158.72	567.3828	2.3615
158.73	567.3828	2.3615
158.74	567.3828	2.3615
158.75	567.3828	2.3602
158.76	567.3828	2.3588
158.77	567.3828	2.3575
158.79	567.3828	2.3561
158.86	567.3828	2.3548
158.87	567.3828	2.3548
158.88	567.3828	2.3534
158.89	567.3828	2.3494
158.9	567.3828	2.3507
158.9	567.3828	2.3494
158.91	567.3828	2.3494
158.91	567.3828	2.348
158.92	567.3828	2.3494
158.93	567.3828	2.348
158.93	567.3828	2.3467
158.94	567.3828	2.348
158.94	567.3828	2.3467
158.95	567.3828	2.348
158.95	567.3828	2.348
158.96	567.3828	2.3494
158.97	567.3828	2.3494
158.97	567.3828	2.3521
158.98	573.4837	2.3561
159.02	580.2337	2.3588
159.05	580.2337	2.3602
159.99	580.2337	2.3737

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
323.97	980.1	4.7042
324.48	980.1	4.7109

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
160.4	581.0125	2.3777
160.59	581.0125	2.3831
160.61	581.0125	2.3858
160.62	581.0125	2.3845
160.64	581.0125	2.3858
160.65	581.0125	2.3845
160.66	581.0125	2.3845
160.68	581.0125	2.3885
160.69	581.0125	2.3885
160.7	581.0125	2.3885
160.71	581.0125	2.3872
160.72	581.0125	2.3872
160.73	581.0125	2.3899
160.74	581.0125	2.3899
160.75	581.0125	2.3885
160.76	581.0125	2.3912
160.77	581.0125	2.3885
160.79	581.0125	2.3885
160.8	581.0125	2.3872
160.84	581.0125	2.3804
160.85	581.0125	2.3845
160.87	581.0125	2.3831
160.89	581.0125	2.3804
160.9	581.0125	2.3804
160.91	581.0125	2.3791
160.92	581.0125	2.3791
160.92	581.0125	2.3804
160.93	581.0125	2.3791
160.94	581.0125	2.3791
160.94	581.0125	2.3791
160.95	581.0125	2.3764
160.96	581.0125	2.3777
160.96	581.0125	2.3791
160.97	581.0125	2.3804
160.97	581.0125	2.3791
160.98	581.0125	2.3791
160.99	581.0125	2.3818
161	581.0125	2.3818
161	581.0125	2.3845
161.02	587.6326	2.3858
161.45	587.6326	2.3953
161.65	587.6326	2.3966
161.72	587.6326	2.398
161.83	587.6326	2.3993
161.99	588.4114	2.402
162.61	588.4114	2.4128
162.63	588.4114	2.4142
162.65	588.4114	2.4155
162.66	588.4114	2.4169
162.68	588.4114	2.4169
162.69	588.4114	2.4182
162.7	588.4114	2.4169
162.7	588.4114	2.4142
162.72	588.4114	2.4196

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
162.72	588.4114	2.4169
162.73	588.4114	2.4182
162.74	588.4114	2.4209
162.75	588.4114	2.4209
162.76	588.4114	2.4196
162.77	588.4114	2.4182
162.78	588.4114	2.4169
162.79	588.4114	2.4169
162.81	588.4114	2.4155
162.87	588.4114	2.4128
162.89	588.4114	2.4101
162.9	588.4114	2.4088
162.91	588.4114	2.4061
162.91	588.4114	2.4088
162.92	588.4114	2.4074
162.93	588.4114	2.4047
162.93	588.4114	2.4061
162.94	588.4114	2.4061
162.94	588.4114	2.4074
162.95	588.4114	2.4047
162.95	588.4114	2.4061
162.96	588.4114	2.4061
162.97	588.4114	2.4061
162.97	588.4114	2.4061
162.98	588.4114	2.4088
162.98	588.4114	2.4088
162.99	588.4114	2.4101
163	595.0316	2.4142
163.02	601.7815	2.4155
163.32	601.7815	2.4236
163.63	601.7815	2.4236
163.99	601.7815	2.4318
164.23	603.469	2.4331
164.6	603.469	2.4412
164.64	603.469	2.4426
164.66	603.469	2.4412
164.68	603.469	2.4466
164.69	603.469	2.4453
164.71	603.469	2.4439
164.72	603.469	2.4453
164.73	603.469	2.4453
164.75	603.469	2.4466
164.76	603.469	2.4466
164.77	603.469	2.4466
164.78	603.469	2.4466
164.8	603.469	2.448
164.81	603.469	2.4466
164.83	603.469	2.4466
164.84	603.469	2.4439
164.93	603.469	2.4412
164.94	603.469	2.4412
164.95	603.469	2.4385
164.97	603.469	2.4412
164.97	603.469	2.4399

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
164.98	603.469	2.4385
164.99	603.469	2.4412
165	603.469	2.4399
165.01	603.469	2.4372
165.02	603.469	2.4385
165.02	603.469	2.4399
165.03	603.469	2.4399
165.04	603.469	2.4385
165.05	603.469	2.4385
165.06	603.469	2.4412
165.07	603.469	2.4426
165.08	610.0891	2.4426
165.1	616.7092	2.4453
165.21	616.7092	2.448
165.99	616.7092	2.4601
166.37	616.7092	2.4642
166.6	616.7092	2.4723
166.62	616.7092	2.4723
166.63	616.7092	2.4723
166.64	616.7092	2.4723
166.66	616.7092	2.4709
166.67	616.7092	2.475
166.68	616.7092	2.4763
166.69	616.7092	2.475
166.7	616.7092	2.4763
166.71	616.7092	2.4736
166.72	616.7092	2.4763
166.73	616.7092	2.4763
166.74	616.7092	2.4763
166.74	616.7092	2.4763
166.75	616.7092	2.4763
166.76	616.7092	2.475
166.78	616.7092	2.4736
166.8	616.7092	2.4709
166.85	616.7092	2.4696
166.87	616.7092	2.4709
166.89	616.7092	2.4696
166.9	616.7092	2.4669
166.9	616.7092	2.4669
166.91	616.7092	2.4669
166.92	616.7092	2.4669
166.92	616.7092	2.4642
166.93	616.7092	2.4655
166.94	616.7092	2.4655
166.94	616.7092	2.4642
166.95	616.7092	2.4669
166.95	616.7092	2.4642
166.96	616.7092	2.4642
166.97	616.7092	2.4655
166.97	616.7092	2.4655
166.98	616.7092	2.4682
166.99	616.7092	2.4696
167	621.512	2.4723
167.6	621.512	2.4831

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.87	621.512	2.4871
167.99	625.4062	2.4885
168.6	625.4062	2.5006
168.63	625.4062	2.4993
168.66	625.4062	2.502
168.68	625.4062	2.502
168.7	625.4062	2.502
168.71	625.4062	2.5033
168.73	625.4062	2.502
168.74	625.4062	2.502
168.76	625.4062	2.5033
168.77	625.4062	2.5033
168.79	625.4062	2.5033
168.8	625.4062	2.5047
168.81	625.4062	2.506
168.82	625.4062	2.5047
168.85	625.4062	2.5047
168.86	625.4062	2.5033
168.91	625.4062	2.4993
168.92	625.4062	2.4979
168.94	625.4062	2.4993
168.95	625.4062	2.4993
168.95	625.4062	2.4979
168.96	625.4062	2.4966
168.97	625.4062	2.4966
168.98	625.4062	2.4966
168.99	625.4062	2.4979
169	625.4062	2.4979
169	625.4062	2.4952
169.01	625.4062	2.4966
169.02	625.4062	2.4966
169.03	625.4062	2.4966
169.03	625.4062	2.4966
169.04	625.4062	2.4993
169.05	632.0263	2.5006
169.06	638.7762	2.502
169.18	638.7762	2.506
169.56	638.7762	2.5114
169.73	638.7762	2.5128
169.84	638.7762	2.5168
169.94	638.7762	2.5155
169.99	638.7762	2.5168
170.59	638.7762	2.529
170.61	638.7762	2.5303
170.63	638.7762	2.529
170.65	638.7762	2.529
170.68	638.7762	2.5317
170.69	638.7762	2.5317
170.71	638.7762	2.5317
170.72	638.7762	2.5344
170.73	638.7762	2.533
170.74	638.7762	2.5344
170.75	638.7762	2.533
170.76	638.7762	2.533

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
170.78	638.7762	2.5344
170.79	638.7762	2.5344
170.8	638.7762	2.5344
170.81	638.7762	2.5317
170.83	638.7762	2.533
170.9	638.7762	2.5276
170.92	638.7762	2.5263
170.93	638.7762	2.5249
170.94	638.7762	2.5263
170.95	638.7762	2.5276
170.96	638.7762	2.5249
170.96	638.7762	2.5263
170.97	638.7762	2.5249
170.98	638.7762	2.5263
170.99	638.7762	2.5236
171	638.7762	2.5263
171	638.7762	2.5263
171.01	638.7762	2.5249
171.02	638.7762	2.5249
171.03	638.7762	2.5263
171.03	638.7762	2.5263
171.04	638.7762	2.5276
171.05	638.7762	2.5317
171.08	638.7762	2.533
171.26	638.7762	2.5384
171.99	638.7762	2.5479
172.61	638.7762	2.5573
172.62	638.7762	2.5573
172.64	638.7762	2.5587
172.66	638.7762	2.5587
172.69	638.7762	2.5614
172.7	638.7762	2.5614
172.71	638.7762	2.56
172.72	638.7762	2.5614
172.73	638.7762	2.5614
172.74	638.7762	2.5627
172.75	638.7762	2.5627
172.76	638.7762	2.5641
172.77	638.7762	2.5641
172.79	638.7762	2.5627
172.8	638.7762	2.5627
172.82	638.7762	2.5614
172.9	638.7762	2.556
172.91	638.7762	2.556
172.92	638.7762	2.556
172.93	638.7762	2.5546
172.94	638.7762	2.5546
172.94	638.7762	2.5546
172.95	638.7762	2.5533
172.96	638.7762	2.5546
172.97	638.7762	2.5519
172.97	638.7762	2.5533
172.98	638.7762	2.5533
172.99	638.7762	2.5533

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
172.99	638.7762	2.5533
173	638.7762	2.5546
173.01	638.7762	2.5533
173.02	638.7762	2.556
173.02	638.7762	2.5573
173.04	638.7762	2.56
173.32	638.7762	2.5668
173.48	638.7762	2.5668
173.57	638.7762	2.5708
173.7	638.7762	2.5695
173.99	638.7762	2.5749
174.6	638.7762	2.587
174.62	638.7762	2.5884
174.64	638.7762	2.5884
174.65	638.7762	2.5884
174.67	638.7762	2.5897
174.68	638.7762	2.5911
174.69	638.7762	2.5911
174.7	638.7762	2.5897
174.7	638.7762	2.5897
174.7	638.7762	2.5911
174.71	638.7762	2.5924
174.72	638.7762	2.5924
174.73	638.7762	2.5911
174.74	638.7762	2.5924
174.75	638.7762	2.5938
174.76	638.7762	2.5911
174.77	638.7762	2.5897
174.81	638.7762	2.5884
174.88	638.7762	2.5843
174.89	638.7762	2.5843
174.9	638.7762	2.5843
174.91	638.7762	2.5843
174.92	638.7762	2.583
174.93	638.7762	2.5843
174.94	638.7762	2.5843
174.95	638.7762	2.5843
174.95	638.7762	2.5816
174.96	638.7762	2.583
174.97	638.7762	2.583
174.97	638.7762	2.5816
174.98	638.7762	2.5816
174.99	638.7762	2.5843
174.99	638.7762	2.5816
175	638.7762	2.583
175.01	638.7762	2.5857
175.02	638.7762	2.5857
175.03	638.7762	2.5884
175.72	638.7762	2.6019
175.91	638.7762	2.6019
175.99	638.7762	2.6032
176.21	644.3579	2.6059
176.46	644.3579	2.6113
176.63	644.3579	2.6167

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
176.65	644.3579	2.6167
176.68	644.3579	2.6181
176.69	644.3579	2.6194
176.7	644.3579	2.6194
176.71	644.3579	2.6194
176.72	644.3579	2.6194
176.74	644.3579	2.6194
176.75	644.3579	2.6208
176.76	644.3579	2.6208
176.77	644.3579	2.6194
176.79	644.3579	2.6194
176.8	644.3579	2.6221
176.81	644.3579	2.6208
176.82	644.3579	2.6194
176.86	644.3579	2.6194
176.91	644.3579	2.6154
176.93	644.3579	2.614
176.94	644.3579	2.614
176.95	644.3579	2.6127
176.96	644.3579	2.6154
176.96	644.3579	2.6113
176.97	644.3579	2.6127
176.98	644.3579	2.6127
176.99	644.3579	2.614
177	644.3579	2.6127
177	644.3579	2.61
177.01	644.3579	2.6113
177.02	644.3579	2.6113
177.02	644.3579	2.6113
177.03	644.3579	2.6127
177.03	644.3579	2.6127
177.04	644.3579	2.6154
177.05	650.8482	2.6167
177.07	657.5981	2.6194
177.28	657.5981	2.6235
177.9	657.5981	2.6329
177.96	657.5981	2.6329
177.99	657.5981	2.6329
178.15	657.5981	2.637
178.16	657.5981	2.6356
178.28	657.5981	2.6383
178.46	657.5981	2.641
178.58	657.5981	2.6451
178.59	657.5981	2.6478
178.6	657.5981	2.6464
178.62	657.5981	2.6478
178.63	657.5981	2.6478
178.64	657.5981	2.6478
178.65	657.5981	2.6464
178.66	657.5981	2.6491
178.67	657.5981	2.6491
178.68	657.5981	2.6491
178.69	657.5981	2.6505
178.7	657.5981	2.6505

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
178.71	657.5981	2.6518
178.72	657.5981	2.6518
178.72	657.5981	2.6491
178.74	657.5981	2.6491
178.74	657.5981	2.6491
178.76	657.5981	2.6491
178.78	657.5981	2.6464
178.84	657.5981	2.6451
178.85	657.5981	2.6437
178.87	657.5981	2.641
178.88	657.5981	2.6383
178.89	657.5981	2.6383
178.89	657.5981	2.6397
178.9	657.5981	2.6397
178.91	657.5981	2.6397
178.91	657.5981	2.6383
178.92	657.5981	2.6383
178.93	657.5981	2.637
178.93	657.5981	2.6383
178.94	657.5981	2.6383
178.94	657.5981	2.6383
178.95	657.5981	2.6383
178.95	657.5981	2.6397
178.96	657.5981	2.641
178.97	657.5981	2.641
178.98	657.5981	2.6437
179	657.5981	2.6491
179.97	657.5981	2.6613
179.99	657.5981	2.6613
180.6	657.5981	2.6748
180.63	657.5981	2.6734
180.67	657.5981	2.6761
180.68	657.5981	2.6775
180.7	657.5981	2.6748
180.73	657.5981	2.6761
180.74	657.5981	2.6761
180.77	657.5981	2.6775
180.79	657.5981	2.6761
180.81	657.5981	2.6775
180.86	657.5981	2.6788
180.94	657.5981	2.6734
180.95	657.5981	2.6734
180.97	657.5981	2.6734
180.99	657.5981	2.6734
181	657.5981	2.6734
181.01	657.5981	2.6734
181.02	657.5981	2.6721
181.03	657.5981	2.6721
181.04	657.5981	2.6734
181.05	657.5981	2.6721
181.06	657.5981	2.6721
181.08	657.5981	2.6761
181.42	657.5981	2.6842
181.59	657.5981	2.6842

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.72	657.5981	2.6883
181.79	657.5981	2.6883
181.99	657.5981	2.6923
182.24	657.5981	2.6964
182.42	657.5981	2.6991
182.49	657.5981	2.6977
182.58	657.5981	2.7018
182.6	657.5981	2.7031
182.63	657.5981	2.7018
182.66	657.5981	2.7031
182.68	657.5981	2.7045
182.7	657.5981	2.7072
182.71	657.5981	2.7058
182.72	657.5981	2.7072
182.73	657.5981	2.7058
182.74	657.5981	2.7072
182.76	657.5981	2.7058
182.77	657.5981	2.7085
182.78	657.5981	2.7085
182.8	657.5981	2.7072
182.81	657.5981	2.7072
182.82	657.5981	2.7045
182.86	657.5981	2.7058
182.9	657.5981	2.7018
182.92	657.5981	2.7018
182.93	657.5981	2.7004
182.94	657.5981	2.7018
182.95	657.5981	2.7018
182.96	657.5981	2.7004
182.97	657.5981	2.7004
182.98	657.5981	2.7004
182.99	657.5981	2.6977
182.99	657.5981	2.6991
183	657.5981	2.6991
183.01	657.5981	2.7004
183.01	657.5981	2.6991
183.02	657.5981	2.6977
183.03	657.5981	2.6991
183.04	657.5981	2.7004
183.04	657.5981	2.7018
183.05	657.5981	2.7045
183.24	657.5981	2.7112
183.29	657.5981	2.7112
183.64	657.5981	2.7139
183.99	657.5981	2.7193
184.07	657.5981	2.7207
184.57	657.5981	2.7315
184.6	657.5981	2.7315
184.63	657.5981	2.7315
184.66	657.5981	2.7329
184.68	657.5981	2.7342
184.7	657.5981	2.7342
184.71	657.5981	2.7342
184.72	657.5981	2.7342

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
184.74	657.5981	2.7356
184.76	657.5981	2.7342
184.77	657.5981	2.7356
184.78	657.5981	2.7356
184.8	657.5981	2.7356
184.81	657.5981	2.7342
184.86	657.5981	2.7342
184.91	657.5981	2.7301
184.93	657.5981	2.7329
184.94	657.5981	2.7315
184.95	657.5981	2.7301
184.96	657.5981	2.7301
184.97	657.5981	2.7288
184.98	657.5981	2.7274
184.99	657.5981	2.7288
185	657.5981	2.7288
185.01	657.5981	2.7274
185.02	657.5981	2.7301
185.02	657.5981	2.7274
185.03	657.5981	2.7274
185.04	657.5981	2.7301
185.05	657.5981	2.7329
185.05	657.5981	2.7315
185.07	659.9347	2.7356
185.18	666.5548	2.7383
185.31	666.5548	2.7396
185.98	666.5548	2.7491
186.4	667.8528	2.7545
186.6	667.8528	2.7585
186.76	667.8528	2.7612
186.83	667.8528	2.7599
186.89	667.8528	2.7612
187.03	674.3431	2.7653
187.3	674.3431	2.768
187.35	674.3431	2.7693
187.98	674.3431	2.7801
188.59	674.3431	2.7896
188.61	674.3431	2.7896
188.65	674.3431	2.7896
188.67	674.3431	2.7909
188.69	674.3431	2.7909
188.7	674.3431	2.7936
188.71	674.3431	2.7936
188.73	674.3431	2.7936
188.74	674.3431	2.7936
188.75	674.3431	2.7936
188.77	674.3431	2.795
188.78	674.3431	2.795
188.79	674.3431	2.7936
188.8	674.3431	2.795
188.82	674.3431	2.7923
188.87	674.3431	2.7909
188.9	674.3431	2.7896
188.91	674.3431	2.7896

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
188.93	674.3431	2.7896
188.94	674.3431	2.7882
188.95	674.3431	2.7882
188.96	674.3431	2.7882
188.97	674.3431	2.7882
188.98	674.3431	2.7882
188.99	674.3431	2.7855
189	674.3431	2.7842
189	674.3431	2.7869
189.01	674.3431	2.7855
189.02	674.3431	2.7855
189.02	674.3431	2.7882
189.03	674.3431	2.7882
189.04	674.3431	2.7896
189.05	676.9393	2.7882
189.06	683.5594	2.7923
189.11	690.1795	2.795
189.22	690.1795	2.7977
189.98	690.1795	2.8085
190.35	690.9583	2.8112
190.6	690.9583	2.8166
190.67	690.9583	2.8179
190.85	690.9583	2.8206
190.88	690.9583	2.8166
190.9	697.5785	2.8206
191.98	701.9919	2.8368
192.61	701.9919	2.8463
192.65	701.9919	2.849
192.68	701.9919	2.849
192.69	701.9919	2.849
192.71	701.9919	2.8503
192.73	701.9919	2.8517
192.75	701.9919	2.8517
192.77	701.9919	2.8517
192.79	701.9919	2.853
192.81	701.9919	2.8517
192.82	701.9919	2.849
192.85	701.9919	2.8544
193	701.9919	2.849
193.02	701.9919	2.8476
193.03	701.9919	2.8476
193.04	701.9919	2.8476
193.06	701.9919	2.849
193.07	701.9919	2.8476
193.08	701.9919	2.8476
193.09	701.9919	2.8476
193.1	701.9919	2.8463
193.1	701.9919	2.8463
193.11	701.9919	2.8463
193.12	701.9919	2.8463
193.13	708.4822	2.849
193.14	715.2321	2.8503
193.73	715.2321	2.8611
193.98	715.2321	2.8652

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
194.35	717.309	2.8692
194.55	717.309	2.8746
194.59	717.309	2.876
194.66	717.309	2.876
194.69	717.309	2.876
194.75	717.309	2.8773
194.81	717.309	2.8773
194.84	717.309	2.8773
194.87	717.309	2.8746
194.88	717.309	2.876
194.9	717.309	2.8746
194.91	717.309	2.876
194.94	717.309	2.8773
194.97	723.9291	2.8787
195.39	723.9291	2.8854
195.44	723.9291	2.8868
195.98	723.9291	2.8949
196.09	723.9291	2.8976
196.18	723.9291	2.8962
196.59	723.9291	2.907
196.61	723.9291	2.9057
196.64	723.9291	2.9057
196.66	723.9291	2.9084
196.67	723.9291	2.9084
196.69	723.9291	2.907
196.7	723.9291	2.9084
196.71	723.9291	2.9097
196.72	723.9291	2.9097
196.73	723.9291	2.9097
196.75	723.9291	2.9097
196.76	723.9291	2.9111
196.78	723.9291	2.9111
196.79	723.9291	2.9111
196.8	723.9291	2.9097
196.81	723.9291	2.907
196.91	723.9291	2.9057
196.92	723.9291	2.9043
196.94	723.9291	2.9043
196.95	723.9291	2.903
196.97	723.9291	2.903
196.98	723.9291	2.9016
196.99	723.9291	2.903
196.99	723.9291	2.9016
197	723.9291	2.903
197.01	723.9291	2.903
197.02	723.9291	2.9003
197.02	723.9291	2.9016
197.03	723.9291	2.903
197.04	723.9291	2.9003
197.05	723.9291	2.9016
197.05	724.0589	2.9043
197.06	730.8088	2.907
197.08	737.429	2.9084
197.29	737.429	2.9151

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
197.78	737.429	2.9219
197.85	737.429	2.9219
197.98	737.429	2.9232
198.3	741.3231	2.9286
198.41	741.3231	2.93
198.61	741.3231	2.934
198.63	741.3231	2.9354
198.67	741.3231	2.9354
198.69	741.3231	2.9354
198.71	741.3231	2.9354
198.73	741.3231	2.9381
198.75	741.3231	2.9381
198.76	741.3231	2.9394
198.78	741.3231	2.9367
198.79	741.3231	2.9381
198.81	741.3231	2.9381
198.82	741.3231	2.9381
198.85	741.3231	2.9394
198.97	741.3231	2.9367
198.99	741.3231	2.934
199	741.3231	2.934
199.01	741.3231	2.9327
199.02	741.3231	2.9354
199.04	741.3231	2.934
199.05	741.3231	2.9327
199.06	741.3231	2.934
199.07	741.3231	2.934
199.08	741.3231	2.9327
199.09	741.3231	2.9327
199.09	741.3231	2.934
199.1	741.3231	2.9367
199.11	741.3231	2.9354
199.13	747.8134	2.9381
199.22	754.4336	2.9421
199.31	754.4336	2.9421
199.48	754.4336	2.9462
199.55	754.4336	2.9462
199.6	754.4336	2.9448
199.66	754.4336	2.9475
199.98	754.4336	2.9543
200.44	754.4336	2.9597
200.56	754.4336	2.961
200.6	754.4336	2.9624
200.73	754.4336	2.9637
200.84	754.4336	2.9624
200.87	754.4336	2.9624
200.88	754.4336	2.9637
201.18	760.9239	2.9678
201.18	760.9239	2.9732
201.19	760.9239	2.9732
201.19	760.9239	2.9745
201.21	760.9239	2.9718
201.24	760.9239	2.9732
201.26	760.9239	2.9732

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
201.28	760.9239	2.9745
201.31	760.9239	2.9732
201.37	760.9239	2.9745
201.41	760.9239	2.9745
201.52	760.9239	2.9732
201.54	760.9239	2.9732
201.56	760.9239	2.9718
201.57	760.9239	2.9718
201.58	760.9239	2.9705
201.6	760.9239	2.9718
201.61	760.9239	2.9718
201.63	760.9239	2.9718
201.64	760.9239	2.9732
201.65	760.9239	2.9745
201.71	766.6353	2.9772
201.88	766.6353	2.9799
201.97	766.6353	2.9813
201.98	766.6353	2.9813
202.14	766.6353	2.9826
202.58	766.6353	2.9921
202.6	766.6353	2.9934
202.62	766.6353	2.9934
202.63	766.6353	2.9948
202.65	766.6353	2.9948
202.66	766.6353	2.9961
202.67	766.6353	2.9975
202.69	766.6353	2.9961
202.7	766.6353	2.9961
202.71	766.6353	2.9961
202.72	766.6353	2.9975
202.73	766.6353	2.9975
202.74	766.6353	2.9975
202.75	766.6353	2.9975
202.76	766.6353	2.9988
202.77	766.6353	2.9975
202.78	766.6353	2.9934
202.87	766.6353	2.9894
202.88	766.6353	2.9907
202.89	766.6353	2.9894
202.9	766.6353	2.988
202.91	766.6353	2.9894
202.92	766.6353	2.988
202.93	766.6353	2.9894
202.94	766.6353	2.9867
202.94	766.6353	2.988
202.95	766.6353	2.988
202.96	766.6353	2.9853
202.96	766.6353	2.9867
202.97	766.6353	2.9867
202.98	766.6353	2.9867
202.98	766.6353	2.9894
202.99	766.6353	2.9894
203	766.6353	2.9907
203.01	766.6353	2.9934

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
203.02	771.8276	2.9948
203.26	771.8276	3.0002
203.98	771.8276	3.011
204.37	772.9958	3.0164
204.5	772.9958	3.0177
204.59	772.9958	3.0204
204.62	772.9958	3.0218
204.65	772.9958	3.0245
204.66	772.9958	3.0245
204.68	772.9958	3.0231
204.69	772.9958	3.0245
204.71	772.9958	3.0245
204.72	772.9958	3.0245
204.74	772.9958	3.0258
204.76	772.9958	3.0258
204.77	772.9958	3.0258
204.79	772.9958	3.0258
204.8	772.9958	3.0231
204.84	772.9958	3.0258
204.92	772.9958	3.0218
204.94	772.9958	3.0218
204.96	772.9958	3.0218
204.97	772.9958	3.0204
204.98	772.9958	3.0204
205	772.9958	3.0204
205.01	772.9958	3.0191
205.02	772.9958	3.0218
205.03	772.9958	3.0204
205.04	772.9958	3.0204
205.05	772.9958	3.0177
205.06	772.9958	3.0177
205.07	772.9958	3.0204
205.08	772.9958	3.0218
205.08	773.3853	3.0218
205.1	780.0054	3.0258
205.32	780.0054	3.0312
205.98	780.0054	3.038
206.59	780.0054	3.0488
206.65	780.0054	3.0515
206.67	780.0054	3.0515
206.69	780.0054	3.0515
206.71	780.0054	3.0529
206.72	780.0054	3.0529
206.75	780.0054	3.0529
206.76	780.0054	3.0542
206.78	780.0054	3.0542
206.83	780.0054	3.0542
206.92	780.0054	3.0515
206.94	780.0054	3.0515
206.95	780.0054	3.0502
206.96	780.0054	3.0502
206.97	780.0054	3.0488
206.98	780.0054	3.0488
207	780.0054	3.0488

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
207.01	780.0054	3.0488
207.02	780.0054	3.0502
207.02	780.0054	3.0475
207.03	780.265	3.0502
207.05	786.8851	3.0515
207.08	793.635	3.0542
207.32	793.635	3.0596
207.98	793.635	3.0691
208.62	793.635	3.0799
208.85	793.635	3.0785
208.89	797.3994	3.0812
209.98	797.659	3.0974
210.02	797.659	3.0974
210.56	797.659	3.1069
210.61	797.659	3.1069
210.67	797.659	3.1096
210.82	797.659	3.1082
210.84	797.659	3.1069
210.87	797.659	3.1082
211.37	797.659	3.1177
211.98	797.659	3.1271
212.15	797.659	3.1312
212.31	797.659	3.1312
212.43	797.659	3.1339
212.5	797.659	3.1352
212.56	797.659	3.1366
212.63	797.659	3.1352
212.68	797.659	3.1366
212.83	797.659	3.1366
212.85	797.659	3.1339
212.86	797.659	3.1366
212.88	797.659	3.1379
212.94	797.659	3.1393
213.27	797.659	3.146
213.89	797.659	3.1528
213.98	797.659	3.1568
214.33	797.659	3.1595
214.57	797.659	3.1663
214.59	797.659	3.1663
214.61	797.659	3.1676
214.63	797.659	3.169
214.65	797.659	3.1676
214.66	797.659	3.1676
214.68	797.659	3.1676
214.69	797.659	3.1703
214.71	797.659	3.1703
214.72	797.659	3.169
214.73	797.659	3.1703
214.75	797.659	3.1703
214.76	797.659	3.1703
214.77	797.659	3.169
214.78	797.659	3.1703
214.8	797.659	3.1676
214.9	797.659	3.1676

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
214.92	797.659	3.1649
214.93	797.659	3.1649
214.94	797.659	3.1649
214.96	797.659	3.1663
214.97	797.659	3.1636
214.98	797.659	3.1636
214.99	797.659	3.1663
214.99	797.659	3.1622
215	797.659	3.1622
215.01	797.659	3.1622
215.01	797.659	3.1622
215.02	797.659	3.1636
215.03	797.659	3.1636
215.03	797.659	3.1636
215.04	797.659	3.1663
215.05	797.659	3.1676
215.07	797.659	3.1703
215.37	797.659	3.1757
215.98	797.659	3.1852
216.59	797.659	3.1946
216.66	797.659	3.196
216.71	797.659	3.1973
216.74	797.659	3.1973
216.78	797.659	3.1987
216.88	797.659	3.1933
216.9	797.659	3.1933
216.91	797.659	3.1933
216.92	797.659	3.1919
216.93	797.659	3.1933
216.94	797.659	3.1933
216.95	799.9955	3.196
217.98	801.5532	3.2135
218.23	808.1733	3.2162
218.58	808.1733	3.2216
218.74	808.1733	3.2257
218.84	808.1733	3.2216
218.86	808.1733	3.2243
218.87	814.7934	3.2243
219.85	821.2837	3.2419
219.9	821.2837	3.2432
219.98	821.2837	3.2405
220.04	821.2837	3.2405
220.28	824.7885	3.2459
220.47	824.7885	3.2486
220.58	824.7885	3.254
220.6	824.7885	3.254
220.62	824.7885	3.254
220.64	824.7885	3.2567
220.66	824.7885	3.2567
220.67	824.7885	3.2567
220.69	824.7885	3.2567
220.7	824.7885	3.2567
220.71	824.7885	3.2594
220.73	824.7885	3.2581

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
220.74	824.7885	3.2594
220.75	824.7885	3.2554
220.76	824.7885	3.2581
220.78	824.7885	3.2581
220.8	824.7885	3.2567
220.82	824.7885	3.254
220.87	824.7885	3.2527
220.89	824.7885	3.254
220.9	824.7885	3.2513
220.91	824.7885	3.2527
220.93	824.7885	3.2513
220.94	824.7885	3.2527
220.95	824.7885	3.2513
220.96	824.7885	3.2513
220.97	824.7885	3.25
220.98	824.7885	3.25
220.98	824.7885	3.25
220.99	824.7885	3.2513
221	824.7885	3.25
221.01	824.7885	3.25
221.01	824.7885	3.25
221.02	824.7885	3.2513
221.03	824.7885	3.254
221.04	831.4086	3.2527
221.06	838.0287	3.2567
221.26	838.0287	3.2608
221.98	838.0287	3.2716
222.11	838.0287	3.2729
222.16	838.0287	3.2743
222.25	838.0287	3.2729
222.42	838.0287	3.2783
222.53	838.0287	3.281
222.58	838.0287	3.281
222.6	838.0287	3.2837
222.62	838.0287	3.2824
222.65	838.0287	3.2824
222.68	838.0287	3.2837
222.73	838.0287	3.2837
222.76	838.0287	3.2837
222.85	838.0287	3.2797
222.87	838.0287	3.2797
222.88	838.0287	3.281
222.89	838.0287	3.2783
222.9	838.0287	3.2797
222.91	838.0287	3.2797
222.92	838.0287	3.281
222.94	839.0672	3.2824
222.97	845.6873	3.2851
223.08	845.6873	3.2891
223.98	845.6873	3.3013
224.13	846.4661	3.3013
224.26	846.4661	3.304
224.47	846.4661	3.3067
224.55	846.4661	3.3121

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
224.57	846.4661	3.3107
224.59	846.4661	3.3121
224.62	846.4661	3.3134
224.64	846.4661	3.3121
224.66	846.4661	3.3134
224.68	846.4661	3.3121
224.7	846.4661	3.3148
224.72	846.4661	3.3134
224.74	846.4661	3.3148
224.75	846.4661	3.3148
224.77	846.4661	3.3161
224.79	846.4661	3.3148
224.82	846.4661	3.3161
224.83	846.4661	3.3175
224.93	846.4661	3.3107
224.95	846.4661	3.3107
224.96	846.4661	3.3107
224.97	846.4661	3.3094
224.98	846.4661	3.3094
224.99	846.4661	3.3107
225	846.4661	3.3094
225.01	846.4661	3.308
225.02	846.4661	3.3094
225.03	846.4661	3.308
225.03	846.4661	3.308
225.04	846.4661	3.308
225.05	846.4661	3.3094
225.05	846.4661	3.3094
225.06	846.4661	3.3094
225.07	852.9565	3.3107
225.08	859.5766	3.3148
225.59	859.5766	3.3242
225.76	859.5766	3.3269
225.89	859.5766	3.3242
225.98	859.5766	3.3283
226.07	859.5766	3.3296
226.38	859.5766	3.3364
226.58	859.5766	3.3378
226.68	859.5766	3.3418
226.84	859.5766	3.335
226.85	859.5766	3.3378
226.86	859.5766	3.3405
226.89	863.341	3.3418
227.28	863.341	3.3486
227.41	863.341	3.3486
227.54	863.341	3.354
227.67	863.341	3.354
227.88	863.341	3.3567
227.98	863.341	3.3567
228.02	863.341	3.3567
228.51	865.8073	3.3661
228.56	865.8073	3.3702
228.58	865.8073	3.3688
228.6	865.8073	3.3715

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
228.62	865.8073	3.3702
228.64	865.8073	3.3702
228.66	865.8073	3.3702
228.67	865.8073	3.3702
228.68	865.8073	3.3715
228.7	865.8073	3.3715
228.72	865.8073	3.3729
228.74	865.8073	3.3742
228.75	865.8073	3.3729
228.76	865.8073	3.3742
228.78	865.8073	3.3729
228.79	865.8073	3.3702
228.82	865.8073	3.3729
228.83	865.8073	3.3702
228.91	865.8073	3.3702
228.93	865.8073	3.3702
228.94	865.8073	3.3688
228.95	865.8073	3.3675
228.97	865.8073	3.3688
228.98	865.8073	3.3675
228.99	865.8073	3.3675
229	865.8073	3.3675
229.01	865.8073	3.3661
229.02	865.8073	3.3675
229.03	865.8073	3.3661
229.04	865.8073	3.3661
229.04	865.8073	3.3661
229.05	865.8073	3.3661
229.05	865.8073	3.3675
229.06	865.8073	3.3675
229.07	865.8073	3.3702
229.08	872.4274	3.3715
229.1	879.0475	3.3715
229.28	879.0475	3.3783
229.98	879.0475	3.3864
230.58	879.0475	3.3985
230.6	879.0475	3.3985
230.64	879.0475	3.3999
230.66	879.0475	3.3985
230.68	879.0475	3.3985
230.7	879.0475	3.3999
230.72	879.0475	3.3999
230.74	879.0475	3.3999
230.76	879.0475	3.3999
230.78	879.0475	3.4026
230.82	879.0475	3.4012
230.95	879.0475	3.3999
230.96	879.0475	3.3972
230.98	879.0475	3.4012
230.99	879.0475	3.3985
231	879.0475	3.3972
231.02	879.0475	3.3985
231.03	879.0475	3.3972
231.04	879.0475	3.3972

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
231.05	879.0475	3.3958
231.05	879.0475	3.3958
231.06	879.0475	3.3985
231.07	879.0475	3.3985
231.08	885.408	3.4012
231.12	892.0281	3.4026
231.27	892.0281	3.4053
231.84	892.0281	3.4147
231.98	892.0281	3.4161
232.44	892.0281	3.4215
232.53	892.0281	3.4269
232.56	892.0281	3.4269
232.58	892.0281	3.4282
232.6	892.0281	3.4269
232.63	892.0281	3.4282
232.65	892.0281	3.4296
232.67	892.0281	3.4282
232.68	892.0281	3.4296
232.7	892.0281	3.4309
232.71	892.0281	3.4296
232.73	892.0281	3.4309
232.74	892.0281	3.4296
232.76	892.0281	3.4309
232.77	892.0281	3.4323
232.78	892.0281	3.4323
232.81	892.0281	3.4309
232.83	892.0281	3.4269
232.89	892.0281	3.4282
232.91	892.0281	3.4269
232.93	892.0281	3.4269
232.94	892.0281	3.4255
232.96	892.0281	3.4269
232.97	892.0281	3.4255
232.98	892.0281	3.4255
232.99	892.0281	3.4242
233	892.0281	3.4255
233.01	892.0281	3.4255
233.01	892.0281	3.4255
233.02	892.0281	3.4242
233.03	892.0281	3.4255
233.04	892.0281	3.4242
233.05	892.0281	3.4255
233.06	892.0281	3.4269
233.06	892.0281	3.4282
233.07	895.2733	3.4282
233.09	901.8934	3.4323
233.29	901.8934	3.4363
233.98	901.8934	3.4444
234.57	901.8934	3.4552
234.6	901.8934	3.4552
234.63	901.8934	3.4579
234.66	901.8934	3.4579
234.68	901.8934	3.4579
234.7	901.8934	3.4566

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
234.73	901.8934	3.4579
234.76	901.8934	3.4593
234.78	901.8934	3.4566
234.88	901.8934	3.4552
234.9	901.8934	3.4552
234.91	901.8934	3.4552
234.93	901.8934	3.4539
234.94	901.8934	3.4539
234.95	901.8934	3.4552
234.96	901.8934	3.4539
234.97	901.8934	3.4552
234.98	901.8934	3.4552
234.99	901.8934	3.4579
235.02	904.2299	3.4606
235.4	904.2299	3.466
235.65	904.2299	3.4701
235.82	904.2299	3.4714
235.91	904.2299	3.4714
235.98	904.2299	3.4728
236.56	904.2299	3.4836
236.58	904.2299	3.4849
236.61	904.2299	3.4849
236.63	904.2299	3.4863
236.65	904.2299	3.4863
236.67	904.2299	3.4863
236.68	904.2299	3.4876
236.7	904.2299	3.4876
236.72	904.2299	3.4863
236.74	904.2299	3.489
236.76	904.2299	3.489
236.77	904.2299	3.4876
236.81	904.2299	3.4903
236.82	904.2299	3.4876
236.93	904.2299	3.4863
236.95	904.2299	3.4849
236.97	904.2299	3.4849
236.99	904.2299	3.4836
237	904.2299	3.4849
237.01	904.2299	3.4822
237.02	904.2299	3.4836
237.03	904.2299	3.4836
237.04	904.2299	3.4836
237.05	904.2299	3.4836
237.05	904.2299	3.4836
237.06	904.2299	3.4822
237.07	904.2299	3.4849
237.08	904.2299	3.4836
237.09	906.6962	3.4863
237.1	913.3163	3.4863
237.12	919.9365	3.489
237.26	919.9365	3.493
237.69	919.9365	3.4998
237.73	919.9365	3.5011
237.78	919.9365	3.5011

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
237.93	919.9365	3.5011
237.98	919.9365	3.5038
238.55	919.9365	3.5119
238.63	919.9365	3.5133
238.68	919.9365	3.5146
238.79	919.9365	3.5106
238.8	919.9365	3.5119
238.81	919.9365	3.5133
238.84	923.7008	3.5133
239.12	923.7008	3.5214
239.31	923.7008	3.5214
239.98	924.7393	3.5335
240.5	931.3594	3.5389
240.54	931.3594	3.543
240.56	931.3594	3.5443
240.58	931.3594	3.5443
240.6	931.3594	3.5443
240.62	931.3594	3.5443
240.63	931.3594	3.543
240.65	931.3594	3.5443
240.66	931.3594	3.5457
240.68	931.3594	3.5457
240.69	931.3594	3.547
240.71	931.3594	3.547
240.72	931.3594	3.547
240.74	931.3594	3.547
240.76	931.3594	3.547
240.77	931.3594	3.547
240.79	931.3594	3.5457
240.87	931.3594	3.543
240.89	931.3594	3.543
240.9	931.3594	3.543
240.91	931.3594	3.5416
240.92	931.3594	3.5416
240.94	931.3594	3.543
240.95	931.3594	3.5416
240.96	931.3594	3.5403
240.97	931.3594	3.5389
240.98	931.3594	3.5403
240.99	931.3594	3.5389
240.99	931.3594	3.5416
241	931.3594	3.5403
241.01	931.3594	3.5416
241.02	931.3594	3.5416
241.03	931.3594	3.543
241.04	937.9795	3.5457
241.06	944.5996	3.5457
241.34	944.5996	3.5524
241.98	944.5996	3.5619
241.98	944.5996	3.5619
242.15	944.5996	3.5619
242.58	944.5996	3.57
242.62	944.5996	3.5713
242.81	944.5996	3.5686

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
242.83	944.5996	3.57
242.84	944.5996	3.5727
243.33	950.8303	3.5794
243.98	950.8303	3.5889
244.57	950.8303	3.5983
244.75	950.8303	3.601
244.81	956.8014	3.6024
245.98	957.9697	3.6199
246.33	964.5898	3.624
246.53	964.5898	3.628
246.6	964.5898	3.628
246.77	964.5898	3.6294
246.85	964.5898	3.6307
246.95	971.0801	3.6321
247.12	971.0801	3.6348
247.6	971.0801	3.6429
247.75	971.0801	3.6443
247.81	971.0801	3.6456
247.98	971.0801	3.6483
248.66	971.0801	3.6591
248.79	971.0801	3.6578
248.93	976.5319	3.6605
249.31	976.5319	3.6672
249.39	976.5319	3.6659
249.51	976.5319	3.6713
249.65	976.5319	3.6686
249.68	983.0223	3.6713
249.98	983.0223	3.678
250.85	986.7866	3.6875
251.55	993.2769	3.6983
251.63	993.2769	3.7023
251.79	993.2769	3.7023
251.98	993.2769	3.705
252.46	993.2769	3.7118
252.49	993.2769	3.7131
252.55	993.2769	3.7172
252.59	993.2769	3.7158
252.61	993.2769	3.7172
252.64	993.2769	3.7185
252.66	993.2769	3.7172
252.67	993.2769	3.7199
252.69	993.2769	3.7185
252.71	993.2769	3.7212
252.72	993.2769	3.7212
252.74	993.2769	3.7199
252.75	993.2769	3.7212
252.76	993.2769	3.7199
252.8	993.2769	3.7226
252.81	993.2769	3.7199
252.83	993.2769	3.7185
252.96	993.2769	3.7199
252.98	993.2769	3.7185
253	993.2769	3.7185
253.02	993.2769	3.7172

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
253.03	993.2769	3.7172
253.04	993.2769	3.7172
253.05	993.2769	3.7172
253.06	993.2769	3.7172
253.07	993.2769	3.7158
253.08	993.2769	3.7158
253.09	993.2769	3.7158
253.1	993.2769	3.7158
253.1	993.2769	3.7158
253.11	993.2769	3.7172
253.12	993.2769	3.7185
253.13	998.8586	3.7172
253.14	1005.479	3.7212
253.25	1005.479	3.7253
253.39	1005.479	3.7266
253.81	1005.479	3.7334
253.98	1005.479	3.7347
254.12	1005.479	3.7374
254.55	1005.479	3.7442
254.59	1005.479	3.7455
254.62	1005.479	3.7469
254.65	1005.479	3.7455
254.67	1005.479	3.7469
254.7	1005.479	3.7496
254.72	1005.479	3.7482
254.75	1005.479	3.7482
254.77	1005.479	3.7496
254.89	1005.479	3.7455
254.9	1005.479	3.7442
254.91	1005.479	3.7455
254.92	1005.479	3.7455
254.94	1005.479	3.7442
254.95	1005.479	3.7428
254.96	1005.479	3.7428
254.97	1005.479	3.7442
254.98	1005.479	3.7469
254.99	1005.479	3.7469
255.04	1005.998	3.7496
255.21	1005.998	3.7536
255.98	1005.998	3.7644
256.61	1005.998	3.7739
256.82	1005.998	3.7752
256.87	1008.854	3.7779
257.35	1008.854	3.7847
257.45	1008.854	3.7847
257.98	1008.854	3.7928
258.56	1008.854	3.8022
258.62	1008.854	3.8036
258.73	1008.854	3.8036
258.78	1008.854	3.8036
258.81	1008.854	3.7995
258.82	1008.854	3.8022
258.83	1015.084	3.8049
259.98	1018.459	3.8211

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
260.55	1018.459	3.8319
260.67	1018.459	3.8319
260.76	1018.459	3.8306
260.79	1018.459	3.8333
260.87	1024.95	3.8346
261.14	1024.95	3.8387
261.31	1024.95	3.8414
261.98	1026.118	3.8508
262.31	1026.118	3.8576
262.47	1026.118	3.8562
262.69	1026.118	3.8603
262.81	1026.118	3.8616
263.37	1032.478	3.8711
263.66	1032.478	3.8765
263.76	1032.478	3.8751
263.98	1032.868	3.8805
264.58	1032.868	3.89
264.78	1032.868	3.8913
265.32	1032.868	3.8994
265.7	1032.868	3.9035
265.98	1035.204	3.9089
266.6	1035.204	3.9197
266.64	1035.204	3.9197
266.67	1035.204	3.921
266.79	1035.204	3.9183
266.82	1035.204	3.9183
266.83	1035.204	3.9183
266.86	1041.565	3.921
267.15	1041.565	3.9264
267.45	1041.565	3.9318
267.58	1041.565	3.9332
267.98	1041.565	3.9372
268.57	1041.565	3.9494
268.62	1041.565	3.9494
268.66	1041.565	3.9481
268.83	1041.565	3.9453
268.85	1041.565	3.9481
268.87	1041.565	3.9494
268.89	1041.565	3.9494
269.62	1041.565	3.9629
269.75	1041.565	3.9629
269.98	1041.565	3.967
270.54	1041.565	3.9751
270.62	1041.565	3.9778
270.75	1041.565	3.9751
270.78	1041.565	3.9778
270.86	1048.055	3.9791
271.04	1048.055	3.9845
271.16	1048.055	3.9818
271.34	1048.055	3.9872
271.44	1048.055	3.9872
271.98	1048.055	3.9967
272.2	1051.3	3.9994
272.53	1051.3	4.0061

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
272.54	1051.3	4.0061
272.58	1051.3	4.0061
272.62	1051.3	4.0075
272.64	1051.3	4.0075
272.66	1051.3	4.0088
272.67	1051.3	4.0088
272.69	1051.3	4.0088
272.71	1051.3	4.0075
272.73	1051.3	4.0102
272.74	1051.3	4.0075
272.76	1051.3	4.0075
272.81	1051.3	4.0088
272.93	1051.3	4.0075
272.95	1051.3	4.0088
272.97	1051.3	4.0075
272.99	1051.3	4.0075
273	1051.3	4.0061
273.01	1051.3	4.0061
273.02	1051.3	4.0048
273.03	1051.3	4.0048
273.04	1051.3	4.0048
273.05	1051.3	4.0048
273.06	1051.3	4.0061
273.07	1051.3	4.0061
273.07	1051.3	4.0088
273.09	1057.791	4.0102
273.98	1057.791	4.025
274.31	1059.738	4.0291
274.46	1059.738	4.0318
274.83	1059.738	4.0372
274.92	1059.738	4.0385
275.26	1059.738	4.0426
275.71	1059.738	4.0507
275.94	1059.738	4.0547
275.98	1059.738	4.0534
276.51	1059.738	4.0642
276.53	1059.738	4.0642
276.55	1059.738	4.0642
276.58	1059.738	4.0655
276.59	1059.738	4.0655
276.61	1059.738	4.0669
276.63	1059.738	4.0669
276.64	1059.738	4.0669
276.65	1059.738	4.0669
276.67	1059.738	4.0669
276.68	1059.738	4.0669
276.7	1059.738	4.0682
276.71	1059.738	4.0696
276.73	1059.738	4.0682
276.74	1059.738	4.0696
276.76	1059.738	4.0655
276.8	1059.738	4.0669
276.9	1059.738	4.0669
276.92	1059.738	4.0655

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
276.94	1059.738	4.0642
276.95	1059.738	4.0655
276.96	1059.738	4.0642
276.97	1059.738	4.0642
276.98	1059.738	4.0642
277	1059.738	4.0655
277.01	1059.738	4.0642
277.02	1059.738	4.0628
277.03	1059.738	4.0628
277.04	1059.738	4.0628
277.04	1059.738	4.0615
277.05	1059.738	4.0642
277.06	1059.738	4.0628
277.07	1059.738	4.0628
277.08	1059.738	4.0655
277.09	1059.738	4.0669
277.1	1059.738	4.0682
277.8	1059.738	4.0817
277.98	1059.738	4.0831
278.55	1059.738	4.0939
278.57	1059.738	4.0925
278.61	1059.738	4.0952
278.64	1059.738	4.0939
278.68	1059.738	4.0952
278.7	1059.738	4.0939
278.74	1059.738	4.0952
278.77	1059.738	4.0952
278.85	1059.738	4.0939
278.87	1059.738	4.0939
278.89	1059.738	4.0939
278.9	1059.738	4.0925
278.92	1059.738	4.0912
278.93	1059.738	4.0912
278.94	1059.738	4.0925
278.95	1059.738	4.0939
278.97	1059.738	4.0952
279.98	1059.738	4.1128
280.03	1059.738	4.1141
280.56	1059.738	4.1222
280.74	1059.738	4.1236
280.89	1059.738	4.1249
281.03	1059.738	4.1276
281.1	1059.738	4.1276
281.98	1059.738	4.1411
282.36	1059.738	4.1465
282.52	1059.738	4.1506
282.55	1059.738	4.1519
282.58	1059.738	4.1519
282.59	1059.738	4.1519
282.62	1059.738	4.1533
282.64	1059.738	4.1533
282.65	1059.738	4.1546
282.67	1059.738	4.1533
282.68	1059.738	4.1546

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
282.69	1059.738	4.1546
282.69	1059.738	4.1546
282.69	1059.738	4.1533
282.7	1059.738	4.156
282.7	1059.738	4.1546
282.72	1059.738	4.156
282.73	1059.738	4.1573
282.74	1059.738	4.156
282.75	1059.738	4.1533
282.79	1059.738	4.1546
282.85	1059.738	4.1506
282.87	1059.738	4.1506
282.89	1059.738	4.1519
282.9	1059.738	4.1506
282.91	1059.738	4.1492
282.92	1059.738	4.1492
282.93	1059.738	4.1492
282.94	1059.738	4.1506
282.95	1059.738	4.1492
282.96	1059.738	4.1479
282.96	1059.738	4.1479
282.97	1059.738	4.1479
282.98	1059.738	4.1492
282.99	1059.738	4.1479
282.99	1059.738	4.1465
283	1059.738	4.1492
283.01	1059.738	4.1492
283.02	1059.738	4.1492
283.03	1059.738	4.1533
283.04	1064.541	4.1546
283.64	1064.541	4.1654
283.84	1064.541	4.1681
283.98	1064.541	4.1695
284.54	1064.541	4.1789
284.63	1064.541	4.1803
284.68	1064.541	4.1803
284.77	1064.541	4.1789
284.8	1064.541	4.1789
284.83	1064.541	4.1816
285.98	1064.541	4.1978
286.2	1064.541	4.2019
286.37	1064.541	4.2032
286.48	1064.541	4.2073
286.77	1064.541	4.2113
287.98	1064.541	4.2262
288.57	1064.541	4.237
288.78	1064.541	4.241
289.72	1064.541	4.2532
289.83	1064.541	4.2546
289.98	1064.541	4.2573
290.52	1064.541	4.2654
290.62	1064.541	4.2667
290.74	1064.541	4.2667
290.77	1064.541	4.2694

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
291.19	1064.541	4.2735
291.38	1064.541	4.2775
291.91	1064.541	4.2883
291.98	1064.541	4.2856
292.26	1064.541	4.2897
292.51	1064.541	4.2937
292.57	1064.541	4.2951
292.76	1064.541	4.2951
292.83	1064.541	4.2964
293.53	1064.541	4.3099
293.98	1064.541	4.3153
294.54	1064.541	4.3234
294.81	1064.541	4.3248
295.98	1064.541	4.3437
296.51	1064.541	4.3531
296.57	1064.541	4.3531
296.72	1064.541	4.3531
296.76	1064.541	4.3558
296.93	1064.541	4.3585
297.25	1064.541	4.3626
297.98	1064.541	4.372
298.57	1064.541	4.3815
298.79	1064.541	4.3828
298.89	1064.541	4.3869
299.98	1064.541	4.4017
300.55	1064.541	4.4098
300.62	1064.541	4.4112
300.68	1064.541	4.4125
300.78	1064.541	4.4112
300.81	1064.541	4.4098
300.82	1064.541	4.4112
300.84	1064.541	4.4125
301.22	1064.541	4.4206
301.31	1064.541	4.4193
301.65	1064.541	4.4274
301.77	1064.541	4.4274
301.91	1064.541	4.4301
301.98	1064.541	4.4301
302.54	1064.541	4.4409
302.57	1064.541	4.4409
302.6	1064.541	4.4409
302.64	1064.541	4.4409
302.73	1064.541	4.4422
302.78	1064.541	4.4409
302.81	1064.541	4.4382
302.82	1064.541	4.4382
302.83	1064.541	4.4382
302.85	1064.541	4.4395
302.86	1064.541	4.4409
302.99	1064.541	4.4463
303.18	1064.541	4.4463
303.98	1064.541	4.4598
304.01	1064.541	4.4611
304.05	1064.541	4.4611

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
304.2	1064.541	4.4611
304.25	1064.541	4.4611
304.49	1064.541	4.4692
304.53	1064.541	4.4692
304.58	1064.541	4.4692
304.66	1064.541	4.4706
304.7	1064.541	4.4706
304.77	1064.541	4.4692
304.8	1064.541	4.4679
304.81	1064.541	4.4665
304.82	1064.541	4.4679
304.84	1064.541	4.4706
304.99	1064.541	4.4746
305.17	1064.541	4.4787
305.97	1064.541	4.4881
306.53	1064.541	4.4976
306.58	1064.541	4.4989
306.6	1064.541	4.5003
306.61	1064.541	4.5016
306.63	1064.541	4.5016
306.65	1064.541	4.5016
306.66	1064.541	4.5016
306.68	1064.541	4.5016
306.69	1064.541	4.5016
306.7	1064.541	4.503
306.72	1064.541	4.5016
306.73	1064.541	4.5003
306.77	1064.541	4.503
306.78	1064.541	4.5016
306.89	1064.541	4.5003
306.91	1064.541	4.5003
306.93	1064.541	4.4989
306.95	1064.541	4.4989
306.96	1064.541	4.5003
306.97	1064.541	4.5003
306.98	1064.541	4.5003
306.99	1064.541	4.4989
307	1064.541	4.4989
307.01	1064.541	4.4989
307.02	1064.541	4.4976
307.03	1064.541	4.4962
307.04	1064.541	4.4976
307.05	1064.541	4.4989
307.05	1064.541	4.5016
307.07	1064.541	4.5016
307.2	1064.541	4.507
307.56	1064.541	4.5111
307.97	1064.541	4.5192
308.32	1064.541	4.5219
308.43	1064.541	4.5232
308.51	1064.541	4.5273
308.54	1064.541	4.5273
308.57	1064.541	4.5273
308.61	1064.541	4.5273

UCS Test Results, Stage Three

S2N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
308.65	1064.541	4.5286
308.72	1064.541	4.5286
308.81	1064.541	4.5286
308.83	1064.541	4.5273
308.85	1064.541	4.5259
308.86	1064.541	4.5259
308.88	1064.541	4.5286
308.9	1064.541	4.53
309.97	1064.541	4.5462
310.53	1064.541	4.5557
310.56	1064.541	4.557
310.62	1064.541	4.557
310.73	1064.541	4.5584
310.79	1064.541	4.5557
310.81	1064.541	4.5543
310.83	1064.541	4.5543
310.84	1064.541	4.557
310.86	1064.541	4.5584
311.97	1064.541	4.5746
312.69	1064.541	4.5881
312.76	1064.541	4.5867
312.89	1064.541	4.5894
312.95	1064.541	4.5894
313.85	1064.541	4.6016
313.91	1064.541	4.6016
313.97	1064.541	4.6043
314.5	1064.541	4.6124
314.56	1064.541	4.6124
314.67	1064.541	4.6137
314.81	1064.541	4.6164
314.85	1065.449	4.6164
314.99	1065.449	4.6205
315.97	1065.449	4.634
316.27	1065.449	4.6367
316.5	1065.449	4.6421
316.53	1065.449	4.6421
316.56	1065.449	4.6434
316.6	1065.449	4.6448
316.62	1065.449	4.6448
316.63	1065.449	4.6461
316.66	1065.449	4.6448
316.67	1065.449	4.6461
316.69	1065.449	4.6461
316.7	1065.449	4.6475
316.72	1065.449	4.6461
316.74	1065.449	4.6448
316.77	1065.449	4.6475
316.8	1065.449	4.6461
316.91	1065.449	4.6461
316.94	1065.449	4.6448
316.95	1065.449	4.6448
316.97	1065.449	4.6461
316.98	1065.449	4.6434
316.99	1065.449	4.6448

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
317	1065.449	4.6434
317.01	1065.449	4.6434
317.02	1065.449	4.6421
317.02	1065.449	4.6421
317.03	1065.449	4.6421
317.04	1065.449	4.6421
317.05	1065.449	4.6448
317.06	1065.449	4.6461
317.07	1070.382	4.6475
317.78	1070.382	4.6596
317.97	1070.382	4.6623
318.07	1070.382	4.665
318.56	1070.382	4.6718
318.64	1070.382	4.6718
318.74	1070.382	4.6704
318.75	1070.382	4.6731
318.82	1070.382	4.6745
319.45	1070.382	4.6853
319.97	1070.382	4.6907
320.19	1070.382	4.6947
320.52	1070.382	4.6988
320.61	1070.382	4.7001
320.74	1070.382	4.6988
320.75	1070.382	4.7028
321.97	1070.382	4.7204
322.23	1070.382	4.7231
322.52	1070.382	4.7298
322.56	1070.382	4.7298
322.6	1070.382	4.7312
322.63	1070.382	4.7325
322.7	1070.382	4.7312
322.79	1070.382	4.7285
322.82	1070.382	4.7298
322.83	1070.382	4.7298
322.84	1070.382	4.7298
322.85	1070.382	4.7312
322.9	1070.382	4.7352
323.36	1070.382	4.7406
323.97	1070.382	4.7501
324.48	1070.382	4.7582
324.8	1070.382	4.7609
325.97	1070.382	4.7784
326.49	1070.382	4.7865
326.8	1070.382	4.7892
327.97	1070.382	4.8068
328.48	1070.382	4.8162
328.52	1070.382	4.8176
328.55	1070.382	4.8162
328.59	1070.382	4.8189
328.61	1070.382	4.8189
328.63	1070.382	4.8189
328.65	1070.382	4.8189
328.67	1070.382	4.8203
328.7	1070.382	4.8203

UCS Test Results, Stage Three

S2N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
328.72	1070.382	4.8189
328.76	1070.382	4.8203
328.84	1070.382	4.8176
328.86	1070.382	4.8189
328.88	1070.382	4.8176
328.89	1070.382	4.8162
328.9	1070.382	4.8176
328.91	1070.382	4.8176
328.92	1070.382	4.8162
328.94	1070.382	4.8149
328.94	1070.382	4.8162
328.96	1070.382	4.8176
328.97	1070.382	4.8189
328.99	1070.382	4.8203
329.04	1074.016	4.8243
329.22	1074.016	4.8257
329.97	1074.016	4.8365
330.52	1074.016	4.8459
330.57	1074.016	4.8459
330.6	1074.016	4.8473
330.63	1074.016	4.8473
330.66	1074.016	4.8486
330.69	1074.016	4.8486
330.72	1074.016	4.8473
330.8	1074.016	4.8459
330.82	1074.016	4.8459
330.83	1074.016	4.8459
330.85	1074.016	4.8446
330.87	1074.016	4.8446
330.88	1074.016	4.8473
330.89	1074.016	4.8473
330.91	1074.016	4.8486
331.97	1074.016	4.8649
332.52	1074.016	4.873
332.82	1074.016	4.877
333.56	1074.016	4.8878
333.96	1074.016	4.8946
333.97	1074.016	4.8959
334.2	1074.016	4.8973
334.48	1074.016	4.9027
334.5	1074.016	4.904
334.53	1074.016	4.9027
334.58	1074.016	4.9054
334.6	1074.016	4.9054
334.62	1074.016	4.9054
334.64	1074.016	4.9054
334.67	1074.016	4.9067
334.69	1074.016	4.9081
334.72	1074.016	4.9054
334.75	1074.016	4.9067
334.85	1074.016	4.9067
334.88	1074.016	4.9054
334.9	1074.016	4.9054
334.91	1074.016	4.904

UCS Test Results, Stage Three

S2N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
334.92	1074.016	4.904
334.93	1074.016	4.904
334.95	1074.016	4.9027
334.96	1074.016	4.9027
334.96	1074.016	4.904
334.97	1074.016	4.904
334.98	1074.016	4.9054
335	1078.3	4.9081
335.29	1078.3	4.9148
335.97	1078.3	4.9243
336.37	1063.372	4.9283
336.55	1056.752	4.9324
336.68	1050.262	4.9324
336.7	1056.752	4.9324
337.97	1056.103	4.9526
338.51	1049.483	4.9607

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	12.48044	0.0662
1.974	19.31183	0.0959
1.9998	19.31183	0.0959
3.9997	24.04126	0.1229
5.9995	29.95304	0.1526
7.7801	36.91581	0.1782
7.9993	37.44131	0.1823
9.4195	44.2727	0.2025
9.9992	46.63742	0.212
11.294	53.60019	0.2295
11.999	58.19824	0.2403
13.137	65.02964	0.2552
13.999	71.07279	0.2687
14.951	78.03556	0.2822
15.812	84.86696	0.2957
15.999	84.86696	0.297
16.556	89.99051	0.3065
17.276	96.95328	0.316
17.999	101.9455	0.3281
18.597	108.9082	0.3349
19.435	115.871	0.3484
19.463	115.871	0.3497
19.714	115.871	0.3524
19.998	118.1043	0.3565
20.737	125.0671	0.3659
21.998	130.9789	0.3848
23.053	137.9417	0.3997
23.998	138.8613	0.4145
24.496	145.6927	0.4213
24.841	145.6927	0.4267
24.97	145.6927	0.428
25.998	148.0574	0.4429
27.17	154.8888	0.4591
27.998	155.2829	0.4726
29.349	162.2457	0.4915
29.998	163.1653	0.4996
31.524	169.9967	0.5225
31.579	169.9967	0.5239
31.892	169.9967	0.5279
31.997	169.9967	0.5306
33.997	174.9888	0.5603
35.908	181.8202	0.586
35.997	181.8202	0.5887
37.391	186.0242	0.609
37.997	186.0242	0.6157
39.33	191.4105	0.6346
39.997	193.7752	0.6454
41.869	200.6066	0.6738
41.997	200.6066	0.6751
42.877	200.6066	0.6886
43.004	200.6066	0.6886
43.467	205.9929	0.6954
43.996	205.9929	0.7048
45.424	212.036	0.7237

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	6.570334	-0.0041
0.1283	10.97828	-0.0054
0.1741	15.38623	-0.0041
0.2512	19.79417	-0.0013
0.8958	24.20212	0.0081
1.9998	27.36253	0.0243
3.8521	31.77048	0.0527
3.9997	32.10315	0.0527
5.9995	34.68139	0.0824
7.7715	39.08933	0.108
7.9993	39.08933	0.1134
9.3168	42.00024	0.131
9.9992	42.00024	0.1404
10.852	45.24382	0.1539
11.999	46.40818	0.1688
13.731	50.73296	0.1944
13.999	50.73296	0.1985
14.927	53.39436	0.212
14.996	53.39436	0.2147
15.234	53.39436	0.216
15.999	55.14091	0.2268
17.611	59.54885	0.2511
17.999	59.54885	0.2565
18.963	62.12709	0.27
19.998	63.29145	0.2862
21.309	67.69939	0.3052
21.998	67.69939	0.3146
22.51	70.85981	0.3227
23.998	72.60635	0.343
24.988	77.0143	0.3565
25.044	77.0143	0.3592
25.386	77.0143	0.3632
25.998	77.26381	0.374
27.169	81.67175	0.3889
27.998	81.67175	0.4024
28.592	85.41435	0.4091
29.998	86.82822	0.4307
31.289	91.23616	0.4496
31.997	92.40053	0.4604
33.325	96.7253	0.4793
33.997	96.7253	0.4888
34.331	99.05403	0.4928
35.834	103.3788	0.5144
35.997	103.3788	0.5171
36.226	105.1254	0.5212
37.699	109.5333	0.5428
37.942	109.5333	0.5468
37.997	109.5333	0.5455
38.17	109.5333	0.5482
39.123	113.8581	0.563
39.997	114.1076	0.5752
40.567	118.5155	0.5833
41.997	119.3472	0.6049
42.305	123.7552	0.609

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	46.70511	0.0481
0.2402	46.70511	0.0512
0.4458	46.70511	0.0497
1.1599	46.70511	0.0629
1.2428	46.70511	0.0582
1.3689	46.70511	0.0536
1.4084	46.70511	0.0536
1.9998	58.64086	0.0644
3.1924	58.64086	0.0776
3.2773	58.64086	0.0776
3.3851	58.64086	0.0707
3.4241	58.64086	0.073
3.9997	66.944	0.0815
5.1723	66.944	0.0947
5.2247	66.944	0.0947
5.3888	66.944	0.0877
5.4235	66.944	0.0877
5.9995	80.95553	0.097
7.135	80.95553	0.1095
7.187	80.95553	0.1134
7.3869	80.95553	0.1025
7.4123	80.95553	0.1048
7.9993	88.73971	0.1157
9.1283	88.73971	0.1265
9.1812	88.73971	0.1289
9.3868	88.73971	0.1211
9.4151	88.73971	0.1219
9.9992	94.96706	0.1328
11.162	94.96706	0.1436
11.22	94.96706	0.146
11.402	94.96706	0.1374
11.431	94.96706	0.1374
11.999	104.827	0.1483
13.121	104.827	0.1599
13.179	104.827	0.163
13.387	104.827	0.1522
13.41	104.827	0.1545
13.999	111.0544	0.1654
15.142	111.0544	0.1762
15.201	111.0544	0.1786
15.285	111.0544	0.1755
15.364	111.0544	0.17
15.391	111.0544	0.17
15.413	111.0544	0.1708
15.999	131.2933	0.1801
17.076	131.2933	0.1925
17.137	131.2933	0.1925
17.18	131.2933	0.1949
17.352	131.2933	0.1871
17.375	131.2933	0.1871
17.396	131.2933	0.1894
17.999	131.2933	0.1988
18.435	153.089	0.2019
18.603	153.089	0.2026

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	17.60384	0.0031
1.4743	17.60384	0.0194
1.7016	17.60384	0.0124
1.9998	29.24027	0.0202
3.4265	29.24027	0.0365
3.7399	29.24027	0.0287
3.9997	30.43375	0.0388
5.4117	30.43375	0.0536
5.7164	30.43375	0.0505
5.9995	30.43375	0.0536
7.4469	30.43375	0.0699
7.7147	30.43375	0.0621
7.9993	34.01419	0.0707
9.4058	34.01419	0.0854
9.7346	34.01419	0.0815
9.9992	34.9093	0.0854
10.269	34.9093	0.0908
10.514	35.20767	0.0901
11.42	35.20767	0.104
11.695	35.20767	0.0963
11.999	38.48974	0.104
12.531	38.48974	0.1102
12.955	38.48974	0.1087
13.423	38.48974	0.1203
13.714	38.48974	0.1134
13.999	40.87671	0.1196
15.445	40.87671	0.1351
15.721	40.87671	0.132
15.999	43.26367	0.1382
17.424	43.26367	0.1529
17.491	43.26367	0.1522
17.674	43.26367	0.1475
17.716	43.26367	0.1467
17.999	52.51314	0.1529
19.402	52.51314	0.1693
19.445	52.51314	0.1708
19.693	52.51314	0.163
19.724	52.51314	0.163
19.998	55.79521	0.1708
21.393	55.79521	0.1863
21.434	55.79521	0.1879
21.66	55.79521	0.1778
21.694	55.79521	0.1793
21.998	55.79521	0.1879
22.183	64.14957	0.1863
22.468	64.14957	0.1918
22.598	64.14957	0.1902
23.33	64.14957	0.2003
23.406	64.14957	0.2026
23.449	64.14957	0.2019
23.638	64.14957	0.1995
23.679	64.14957	0.1956
23.708	64.14957	0.1964
23.998	67.43164	0.2042

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
45.996	212.036	0.7332
47.584	218.8674	0.7561
47.733	218.8674	0.7588
47.996	218.8674	0.7615
49.643	223.3341	0.7845
49.996	223.3341	0.7899
51.344	228.3263	0.8101
51.73	228.3263	0.8169
51.996	228.3263	0.8196
53.165	233.3185	0.8358
53.996	233.3185	0.8479
54.982	239.2302	0.8614
55.231	239.2302	0.8682
55.481	239.2302	0.8695
55.995	239.6244	0.8776
56.579	246.5871	0.8844
56.767	246.5871	0.8898
57.14	246.5871	0.8938
57.995	246.5871	0.9073
58.494	252.3675	0.9141
59.995	254.2068	0.9357
61.363	261.0382	0.9546
61.995	261.0382	0.9641
63.277	267.8696	0.983
63.995	269.1833	0.9938
65.574	276.0147	1.0167
65.629	276.0147	1.0181
65.995	276.0147	1.0235
66.995	280.0872	1.037
67.994	281.0069	1.0518
69.217	287.8382	1.0694
69.994	287.8382	1.0815
70.63	292.3049	1.091
70.821	292.3049	1.0937
71.073	292.3049	1.095
71.994	295.852	1.1085
73.592	302.6834	1.1328
73.994	302.6834	1.1382
74.975	307.2815	1.1517
75.994	307.6756	1.1679
77.291	314.507	1.1855
77.994	316.7403	1.1963
79.204	323.5717	1.2139
79.993	323.5717	1.2247
80.506	328.958	1.2314
81.94	335.7894	1.253
81.993	335.7894	1.253
83.262	341.5698	1.2719
83.993	343.0149	1.2841
84.857	349.7149	1.2962
85.993	353.3934	1.3138
87.154	360.2248	1.3286
87.993	365.6111	1.3435
89.274	372.4425	1.3597

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
43.641	128.0799	0.6279
43.996	128.0799	0.6333
44.386	130.4087	0.64
45.701	134.7334	0.6576
45.996	134.7334	0.6616
46.569	138.476	0.6697
47.902	142.884	0.69
47.996	142.884	0.6913
48.608	146.0444	0.6994
49.623	150.3692	0.7143
49.996	150.3692	0.7197
50.495	153.5296	0.7278
51.826	157.9375	0.7467
51.996	158.5197	0.7507
52.727	162.8445	0.7588
53.668	167.1693	0.7737
53.996	167.1693	0.7777
54.363	170.3297	0.7831
55.512	174.6545	0.8007
55.995	176.401	0.8074
56.558	180.8089	0.8155
57.715	185.1337	0.8317
57.995	185.3832	0.8371
58.576	189.7912	0.8439
59.518	194.116	0.8587
59.995	194.116	0.8655
60.196	198.4407	0.8682
61.339	202.7655	0.8844
61.995	204.1794	0.8938
62.334	208.5042	0.8992
63.143	212.9121	0.9101
63.994	217.2369	0.9236
63.995	217.2369	0.9236
64.578	221.5617	0.9317
65.995	225.3043	0.9533
66.575	229.629	0.96
67.395	233.9538	0.9722
67.994	235.7004	0.9816
68.316	240.0251	0.9857
69.094	244.3499	0.9965
69.892	248.6747	1.01
69.994	248.6747	1.01
70.498	252.9995	1.0181
71.257	257.3242	1.0275
71.994	259.9025	1.0383
72.556	264.2272	1.0478
73.326	268.552	1.0599
73.994	271.7124	1.068
74.339	276.0372	1.0734
74.624	276.0372	1.0775
74.762	276.0372	1.0802
75.437	276.0372	1.0883
75.931	276.0372	1.0977
75.994	276.2867	1.0977

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
19.187	153.089	0.2112
19.239	153.089	0.2112
19.3	153.089	0.2096
19.373	153.089	0.2065
19.405	153.089	0.205
19.428	153.089	0.2042
19.489	153.089	0.2112
19.998	153.089	0.2151
20.106	161.3921	0.2143
20.263	161.3921	0.2174
20.567	161.3921	0.2182
21.075	161.3921	0.2251
21.159	161.3921	0.2275
21.204	161.3921	0.2275
21.258	161.3921	0.2283
21.364	161.3921	0.222
21.388	161.3921	0.2197
21.41	161.3921	0.222
21.443	161.3921	0.2244
21.78	161.3921	0.2298
21.885	161.3921	0.2314
21.998	161.3921	0.2314
22.451	181.112	0.2352
22.476	181.112	0.236
23.004	181.112	0.2391
23.061	181.112	0.2422
23.113	181.112	0.2438
23.157	181.112	0.2446
23.192	181.112	0.2453
23.339	181.112	0.2415
23.369	181.112	0.2376
23.389	181.112	0.2383
23.412	181.112	0.2407
23.998	183.1878	0.2477
24.536	183.1878	0.2531
24.632	183.1878	0.2523
25.096	183.1878	0.2593
25.159	183.1878	0.2616
25.196	183.1878	0.2616
25.239	183.1878	0.2609
25.338	183.1878	0.2578
25.368	183.1878	0.2531
25.388	183.1878	0.2531
25.408	183.1878	0.257
25.998	201.3509	0.2647
26.215	201.3509	0.2663
26.403	201.3509	0.2679
27.054	201.3509	0.2756
27.094	201.3509	0.2756
27.154	201.3509	0.2779
27.19	201.3509	0.2787
27.357	201.3509	0.2702
27.378	201.3509	0.2694
27.397	201.3509	0.2702

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
24.089	67.43164	0.205
24.321	67.43164	0.2042
24.966	67.43164	0.2143
25.108	67.43164	0.2151
25.496	67.43164	0.2143
25.576	67.43164	0.2151
25.998	73.39905	0.2205
26.192	73.39905	0.2228
26.274	73.39905	0.2259
26.391	73.39905	0.2244
26.56	73.39905	0.222
26.616	73.39905	0.2228
26.659	73.39905	0.222
27.409	73.39905	0.236
27.448	73.39905	0.2368
27.489	73.39905	0.236
27.704	73.39905	0.2329
27.737	73.39905	0.2314
27.765	73.39905	0.2298
27.998	74.29416	0.236
28.189	74.29416	0.2391
28.441	74.29416	0.2407
29.227	74.29416	0.2477
29.41	74.29416	0.2515
29.473	74.29416	0.2515
29.642	74.29416	0.2484
29.692	74.29416	0.2453
29.717	74.29416	0.25
29.998	82.35015	0.2539
30.313	82.35015	0.2562
30.358	82.35015	0.2562
30.487	82.35015	0.257
30.6	82.64852	0.257
31.092	82.64852	0.2632
31.199	82.64852	0.2616
31.39	82.64852	0.2686
31.438	82.64852	0.2686
31.485	82.64852	0.2702
31.675	82.64852	0.2632
31.698	82.64852	0.2624
31.731	82.64852	0.2647
31.929	82.64852	0.2725
31.997	82.64852	0.2702
32.314	82.64852	0.2741
32.357	87.12407	0.2694
32.749	87.12407	0.2779
32.885	87.12407	0.2795
33.083	87.12407	0.2787
33.138	87.12407	0.2787
33.406	87.12407	0.2849
33.447	87.12407	0.2857
33.504	87.12407	0.2857
33.695	87.12407	0.281
33.718	87.12407	0.2834

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
89.993	372.4425	1.3705
90.574	378.7484	1.3786
91.794	385.5798	1.3948
91.992	385.5798	1.3988
93.166	391.3602	1.4164
93.992	395.0386	1.4285
94.591	401.87	1.4366
95.892	408.57	1.4555
95.992	408.9642	1.4569
97.387	415.7956	1.4771
97.992	416.1897	1.4852
98.647	423.0211	1.496
99.732	429.8525	1.5109
99.992	429.8525	1.5149
100.99	436.5525	1.5285
101.93	443.3839	1.5433
101.99	443.3839	1.5447
102.55	446.5368	1.5528
103.77	453.2369	1.569
103.99	454.1565	1.573
104.65	460.9879	1.5811
105.79	467.6879	1.5987
105.99	468.2134	1.6027
106.7	474.9134	1.6122
107.93	481.7448	1.6297
107.99	481.7448	1.6311
108.72	486.6056	1.6419
109.64	493.437	1.654
109.99	493.437	1.6594
110.2	496.0645	1.6635
110.51	496.0645	1.6675
110.64	496.0645	1.6689
111.64	502.8959	1.6837
111.99	503.6841	1.6905
112.11	503.6841	1.6905
112.2	503.6841	1.6918
112.78	510.5155	1.6999
113.65	510.5155	1.7134
113.99	510.5155	1.7161
114.48	510.5155	1.7269
114.53	510.5155	1.7269
114.71	510.5155	1.7256
114.83	510.5155	1.731
115.17	510.5155	1.7364
115.32	510.5155	1.7377
115.9	510.5155	1.7472
115.99	510.5155	1.7472
116.21	515.639	1.7526
116.25	515.639	1.7526
116.28	515.639	1.7526
116.31	515.639	1.7539
116.36	515.639	1.7526
116.51	515.639	1.7566
116.65	515.639	1.7553

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
76.399	280.6115	1.1018
76.953	284.9363	1.1126
77.792	289.2611	1.1234
77.994	292.172	1.1261
78.58	296.4967	1.1355
79.35	300.8215	1.145
79.993	304.8136	1.1544
80.474	309.1384	1.1612
81.253	313.4632	1.1733
81.868	317.7879	1.1814
81.993	318.3701	1.1841
82.567	322.6949	1.1909
83.496	327.0197	1.2057
83.821	327.0197	1.2112
83.993	327.0197	1.2139
84.571	330.4296	1.2206
85.353	334.7544	1.2328
85.606	339.0792	1.2368
85.993	339.0792	1.2436
86.262	342.4891	1.2463
86.939	346.8139	1.2544
87.644	351.1386	1.2652
87.993	351.7208	1.2706
88.35	356.0456	1.276
88.638	360.3704	1.28
89.328	364.612	1.2908
89.545	364.612	1.2935
89.61	364.612	1.2949
89.99	368.9368	1.2989
89.993	368.9368	1.2989
90.566	373.2615	1.3084
91.29	377.5863	1.3192
91.992	380.9962	1.33
92.255	385.321	1.3327
92.931	389.6458	1.3421
93.545	393.9706	1.3516
93.992	395.9666	1.3583
94.425	400.2914	1.3624
95.031	404.533	1.3732
95.686	408.8578	1.3826
95.992	410.2716	1.3867
96.566	414.5964	1.3934
97.129	418.9212	1.4029
97.826	423.1628	1.4137
97.992	425.242	1.415
98.532	429.4836	1.4231
99.168	433.8084	1.4339
99.751	438.1332	1.442
99.992	439.7966	1.4461
100.51	444.1213	1.4515
101.15	448.4461	1.4609
101.77	452.6877	1.469
101.99	453.0204	1.4744
102.21	457.3452	1.4771

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
27.418	201.3509	0.2741
27.998	215.3625	0.2818
28.091	215.3625	0.2834
28.261	215.3625	0.2834
29.072	215.3625	0.2919
29.123	215.3625	0.2927
29.172	215.3625	0.295
29.214	215.3625	0.295
29.357	215.3625	0.288
29.379	215.3625	0.2888
29.401	215.3625	0.288
29.419	215.3625	0.2888
29.703	241.8287	0.295
29.717	241.8287	0.2966
29.998	241.8287	0.2974
30.298	241.8287	0.3005
30.805	241.8287	0.3051
31.092	241.8287	0.3098
31.166	241.8287	0.3106
31.204	241.8287	0.3129
31.247	241.8287	0.3113
31.331	241.8287	0.3074
31.372	241.8287	0.3051
31.394	241.8287	0.3043
31.412	241.8287	0.3051
31.433	241.8287	0.3074
31.997	253.7644	0.3144
32.649	253.7644	0.3206
32.839	253.7644	0.3214
33.059	253.7644	0.3253
33.087	253.7644	0.3253
33.13	253.7644	0.3269
33.167	253.7644	0.3284
33.204	253.7644	0.3276
33.336	253.7644	0.3222
33.357	253.7644	0.3222
33.378	253.7644	0.3214
33.397	253.7644	0.3206
33.418	253.7644	0.3237
33.725	253.7644	0.33
33.852	253.7644	0.3284
33.997	263.6244	0.3315
34.936	289.5717	0.3377
34.951	289.5717	0.3393
35.045	289.5717	0.3424
35.066	289.5717	0.3432
35.123	289.5717	0.3424
35.164	289.5717	0.3447
35.203	289.5717	0.3447
35.342	289.5717	0.3385
35.362	289.5717	0.3377
35.379	289.5717	0.3369
35.395	289.5717	0.3369
35.413	289.5717	0.3393

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
33.746	87.12407	0.281
33.997	87.12407	0.2865
34.208	87.12407	0.2904
34.515	87.12407	0.2904
34.577	96.37355	0.2911
34.647	96.37355	0.2935
34.703	96.37355	0.2974
34.745	96.37355	0.2942
34.807	96.37355	0.295
34.945	96.37355	0.2935
34.978	96.37355	0.2911
35.008	96.37355	0.2919
35.057	96.37355	0.2927
35.106	96.37355	0.2974
35.295	96.37355	0.2966
35.371	96.37355	0.302
35.402	96.37355	0.302
35.431	96.37355	0.3036
35.464	96.37355	0.3028
35.635	96.37355	0.2989
35.677	96.37355	0.2958
35.697	96.37355	0.2974
35.726	96.37355	0.3005
35.997	96.37355	0.3043
36.176	98.76051	0.3059
36.307	98.76051	0.3067
36.601	98.76051	0.3067
37.378	98.76051	0.3175
37.41	98.76051	0.3183
37.451	98.76051	0.3191
37.513	98.76051	0.3175
37.654	98.76051	0.3121
37.68	98.76051	0.3137
37.701	98.76051	0.3121
37.721	98.76051	0.316
37.967	98.76051	0.3222
37.997	98.76051	0.3214
38.107	98.76051	0.3222
38.319	98.76051	0.3222
38.384	98.76051	0.3206
38.424	108.01	0.3214
38.527	108.01	0.3269
38.586	108.01	0.3261
38.684	108.01	0.3284
38.751	108.01	0.3269
38.94	108.01	0.3261
38.975	108.01	0.323
39.001	108.01	0.3245
39.035	108.01	0.3261
39.377	108.01	0.3354
39.401	108.01	0.3369
39.426	108.01	0.3362
39.459	108.01	0.3369
39.664	108.01	0.3292

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
116.67	515.639	1.7526
116.69	515.639	1.7512
116.71	515.639	1.7539
116.74	515.639	1.7566
116.78	522.4704	1.758
117.11	522.4704	1.7634
117.32	522.4704	1.7647
117.99	526.9371	1.7782
118.52	526.9371	1.785
118.67	526.9371	1.785
118.74	533.7685	1.785
119.74	540.4685	1.8012
119.99	541.7823	1.8052
120.5	541.7823	1.8133
120.62	541.7823	1.8133
120.72	548.6137	1.816
121.65	555.3137	1.8282
121.99	555.7078	1.8323
122.48	555.7078	1.8431
122.5	555.7078	1.8431
122.53	555.7078	1.8458
122.56	555.7078	1.8458
122.59	555.7078	1.8444
122.62	555.7078	1.8444
122.66	555.7078	1.8444
122.72	555.7078	1.8444
122.77	555.7078	1.8417
122.78	555.7078	1.8431
122.8	555.7078	1.8431
122.81	555.7078	1.8431
122.83	555.7078	1.8444
122.83	555.7078	1.8404
122.85	555.7078	1.8404
122.86	555.7078	1.8417
122.87	562.5392	1.8417
122.91	569.2392	1.8485
123.07	569.2392	1.8498
123.99	569.2392	1.862
124.48	569.2392	1.8728
124.52	569.2392	1.8714
124.56	569.2392	1.8728
124.7	569.2392	1.8714
124.72	569.2392	1.8714
124.75	569.2392	1.8687
124.76	569.2392	1.8687
124.78	569.2392	1.8701
124.81	569.6333	1.8741
125.42	569.6333	1.8836
125.57	569.6333	1.8849
125.67	576.3334	1.8876
125.99	576.3334	1.8903
126.39	579.8804	1.8971
126.45	579.8804	1.9038
126.46	579.8804	1.9038

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
102.63	461.5868	1.4825
103.49	465.9116	1.4947
103.99	468.1571	1.5014
104.38	472.4819	1.5082
104.96	476.8067	1.5163
105.68	481.0483	1.5258
105.99	481.88	1.5298
106.33	486.2047	1.5379
106.59	490.5295	1.5393
106.69	490.5295	1.542
106.79	490.5295	1.5433
107.55	490.5295	1.5541
107.92	490.5295	1.5595
107.99	491.278	1.5609
108.64	495.6028	1.5703
109.39	499.8444	1.5798
109.99	502.6722	1.5906
110.22	506.9969	1.5933
110.87	511.3217	1.6014
111.39	515.5633	1.6108
111.99	518.3911	1.6189
112.36	522.7158	1.623
112.96	527.0406	1.6324
113.62	531.2822	1.6432
113.99	534.11	1.6486
114.52	538.4347	1.654
115.22	542.6764	1.6648
115.84	547.0011	1.6743
115.99	547.8328	1.677
116.83	552.0744	1.6878
117.55	556.316	1.6999
117.99	556.8982	1.7067
118.34	561.1398	1.7107
119.04	565.4646	1.7202
119.73	569.7062	1.7296
119.99	569.7062	1.7337
120.32	572.8666	1.7391
120.61	572.8666	1.7458
120.67	572.8666	1.7431
120.83	572.8666	1.7458
121.37	572.8666	1.7553
121.99	572.8666	1.7634
122.32	572.8666	1.7674
122.68	575.528	1.7728
123.28	579.7696	1.7823
123.74	584.0944	1.789
123.99	584.3439	1.7917
124.28	588.6687	1.7958
124.84	592.9103	1.8039
125.4	597.1519	1.812
125.8	601.4767	1.8187
125.99	601.4767	1.8214
126.38	604.5539	1.8269
126.78	608.8787	1.8336

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
35.634	289.5717	0.3455
35.894	289.5717	0.3478
35.997	289.5717	0.3486
36.072	289.5717	0.3478
36.453	295.799	0.3509
36.775	295.799	0.3556
37.082	295.799	0.3595
37.123	295.799	0.3595
37.163	295.799	0.3618
37.188	295.799	0.3626
37.224	295.799	0.361
37.311	295.799	0.3564
37.348	295.799	0.3556
37.37	295.799	0.3556
37.387	295.799	0.3533
37.402	295.799	0.3571
37.427	295.799	0.3579
37.997	295.799	0.3657
38.533	319.6706	0.368
38.952	319.6706	0.3734
39.058	319.6706	0.375
39.079	319.6706	0.3765
39.12	319.6706	0.3773
39.161	319.6706	0.3789
39.191	319.6706	0.3781
39.243	319.6706	0.3758
39.302	319.6706	0.375
39.332	319.6706	0.3719
39.353	319.6706	0.3703
39.372	319.6706	0.3711
39.387	319.6706	0.3711
39.401	319.6706	0.3711
39.431	319.6706	0.3773
39.963	319.6706	0.382
39.997	319.6706	0.3812
40.192	325.8979	0.382
41.046	325.8979	0.3921
41.067	325.8979	0.3928
41.108	325.8979	0.3928
41.157	325.8979	0.3944
41.186	325.8979	0.3952
41.22	325.8979	0.3936
41.314	325.8979	0.3921
41.352	325.8979	0.389
41.372	325.8979	0.3882
41.39	325.8979	0.3866
41.406	325.8979	0.3882
41.424	325.8979	0.3897
41.554	351.8452	0.3936
41.621	351.8452	0.396
41.716	351.8452	0.396
41.732	351.8452	0.3952
41.997	351.8452	0.3975
43.074	351.8452	0.4084

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
39.687	108.01	0.3292
39.702	108.01	0.33
39.73	108.01	0.3323
39.997	108.01	0.3377
40.479	116.9611	0.3408
40.546	116.9611	0.3416
40.735	116.9611	0.3424
40.823	116.9611	0.3439
40.906	116.9611	0.3486
41.115	116.9611	0.3447
41.175	116.9611	0.3478
41.286	116.9611	0.3509
41.325	116.9611	0.3501
41.383	116.9611	0.3525
41.412	116.9611	0.3533
41.447	116.9611	0.3517
41.577	116.9611	0.3486
41.637	116.9611	0.3478
41.669	116.9611	0.3455
41.693	116.9611	0.3447
41.717	116.9611	0.3509
41.858	116.9611	0.354
41.983	116.9611	0.3556
41.997	116.9611	0.3533
42.106	116.9611	0.3556
42.262	116.9611	0.3533
42.514	116.9611	0.3579
42.611	116.9611	0.3579
43.015	116.9611	0.3633
43.132	116.9611	0.3618
43.37	116.9611	0.368
43.392	116.9611	0.3672
43.427	116.9611	0.3688
43.472	116.9611	0.368
43.622	116.9611	0.3657
43.66	116.9611	0.3618
43.681	116.9611	0.3633
43.698	116.9611	0.3626
43.996	120.5415	0.3703
44.411	120.5415	0.3742
44.475	120.5415	0.3734
45.387	120.5415	0.3851
45.412	120.5415	0.3866
45.442	120.5415	0.3874
45.469	120.5415	0.3859
45.652	120.5415	0.382
45.677	120.5415	0.3789
45.698	120.5415	0.3796
45.715	120.5415	0.3812
45.797	135.46	0.3859
45.871	135.46	0.3866
45.996	135.46	0.3874
46.527	135.46	0.3944
46.568	135.46	0.3936

UCS Test Results, Stage Three

S3N3-1		28 Days	S3N3-2		28 Days	S3N4-1		28 Days	S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
126.48	579.8804	1.9052	127.38	613.1203	1.8417	43.105	351.8452	0.4092	46.629	135.46	0.3952
126.49	579.8804	1.9052	127.99	615.1164	1.8498	43.162	351.8452	0.4107	46.668	135.46	0.396
126.5	579.8804	1.9052	128.4	619.358	1.8552	43.197	351.8452	0.4115	46.81	135.46	0.3913
126.51	579.8804	1.9052	128.94	623.5996	1.8647	43.222	351.8452	0.4115	46.842	135.46	0.3905
126.52	579.8804	1.9052	129.54	627.9244	1.8728	43.278	351.8452	0.4092	46.876	135.46	0.3921
126.53	579.8804	1.9052	129.99	630.7521	1.8795	43.313	351.8452	0.4084	46.896	135.46	0.3905
126.54	579.8804	1.9052	130.55	634.9937	1.8876	43.335	351.8452	0.4076	46.943	142.6209	0.3944
126.55	579.8804	1.9065	131.03	639.2353	1.8944	43.364	351.8452	0.4045	46.991	142.6209	0.3967
126.56	579.8804	1.9079	131.56	643.5601	1.9025	43.383	351.8452	0.406	47.117	142.6209	0.3967
126.56	579.8804	1.9065	131.94	647.8017	1.9079	43.396	351.8452	0.4045	47.165	142.6209	0.3998
126.57	579.8804	1.9065	131.99	647.8017	1.9092	43.412	351.8452	0.4045	47.233	142.6209	0.3975
126.58	579.8804	1.9052	132.42	650.6294	1.916	43.767	367.9325	0.4123	47.408	142.6209	0.4006
126.59	579.8804	1.9065	132.45	650.6294	1.9173	43.996	367.9325	0.4154	47.468	142.6209	0.4014
126.6	579.8804	1.9038	132.5	650.6294	1.9187	44.078	367.9325	0.4161	47.531	142.6209	0.4014
126.62	579.8804	1.9038	132.66	650.6294	1.916	44.33	367.9325	0.4185	47.677	142.6209	0.3983
126.66	579.8804	1.9011	132.71	650.6294	1.9187	44.396	367.9325	0.4185	47.699	142.6209	0.3983
126.73	579.8804	1.8984	133.2	654.8711	1.9268	44.47	367.9325	0.4185	47.72	142.6209	0.3967
126.75	579.8804	1.9011	133.56	654.8711	1.9349	45.001	367.9325	0.4239	47.74	142.6209	0.3998
126.76	579.8804	1.8998	133.58	654.8711	1.9335	45.061	367.9325	0.4255	47.778	142.6209	0.4037
126.77	579.8804	1.8984	133.59	654.8711	1.9335	45.098	367.9325	0.4255	47.849	142.6209	0.4022
126.78	579.8804	1.8971	133.63	654.8711	1.9335	45.145	367.9325	0.4286	47.917	142.6209	0.3998
126.79	579.8804	1.8957	133.66	654.8711	1.9349	45.177	367.9325	0.4293	47.996	142.6209	0.4037
126.79	579.8804	1.8971	133.67	654.8711	1.9362	45.201	367.9325	0.4278	48.702	142.6209	0.4138
126.8	579.8804	1.8971	133.7	654.8711	1.9362	45.244	367.9325	0.4247	48.729	142.6209	0.4115
126.81	579.8804	1.8971	133.71	654.8711	1.9362	45.308	367.9325	0.4239	48.808	142.6209	0.413
126.81	579.8804	1.8944	133.73	654.8711	1.9362	45.324	367.9325	0.4247	48.914	142.6209	0.413
126.82	579.8804	1.8957	133.75	654.8711	1.9362	45.361	367.9325	0.4208	49.062	142.6209	0.4107
126.83	579.8804	1.8957	133.77	654.8711	1.9362	45.378	367.9325	0.4216	49.114	142.6209	0.4092
126.83	579.8804	1.8957	133.8	654.8711	1.9376	45.392	367.9325	0.4216	49.141	142.6209	0.4092
126.84	579.8804	1.8971	133.82	654.8711	1.9376	45.406	367.9325	0.4208	49.162	142.6209	0.4107
126.85	579.8804	1.8971	133.84	654.8711	1.9362	45.425	367.9325	0.4231	49.217	152.7655	0.413
126.85	579.8804	1.8971	133.87	654.8711	1.9376	45.743	393.8798	0.4286	49.261	152.7655	0.4154
126.86	579.8804	1.9011	133.9	654.8711	1.9376	45.996	393.8798	0.4317	49.394	152.7655	0.4177
126.87	579.8804	1.9011	133.92	654.8711	1.9376	46.214	393.8798	0.4324	49.426	152.7655	0.4177
126.89	586.7118	1.9025	133.94	654.8711	1.9389	46.593	393.8798	0.4363	49.468	152.7655	0.4192
127.21	586.7118	1.9092	133.99	654.8711	1.9376	47.059	393.8798	0.4425	49.511	152.7655	0.42
127.57	586.7118	1.9173	134.07	654.8711	1.9376	47.079	393.8798	0.4425	49.675	152.7655	0.4146
127.99	587.106	1.9214	134.1	654.8711	1.9376	47.118	393.8798	0.4433	49.696	152.7655	0.4138
128.48	587.106	1.9295	134.11	654.8711	1.9376	47.149	393.8798	0.4449	49.715	152.7655	0.4138
128.51	587.106	1.9295	134.13	654.8711	1.9362	47.17	393.8798	0.4449	49.732	152.7655	0.4146
128.54	587.106	1.9295	134.14	654.8711	1.9362	47.195	393.8798	0.4441	49.759	152.7655	0.4169
128.57	587.106	1.9308	134.15	654.8711	1.9362	47.309	393.8798	0.4418	49.969	152.7655	0.42
128.6	587.106	1.9308	134.17	654.8711	1.9362	47.341	393.8798	0.4379	49.996	152.7655	0.4223
128.62	587.106	1.9322	134.18	654.8711	1.9362	47.359	393.8798	0.4379	50.011	152.7655	0.4208
128.65	587.106	1.9335	134.19	654.8711	1.9349	47.375	393.8798	0.4371	50.078	152.7655	0.4208
128.68	587.106	1.9322	134.19	654.8711	1.9349	47.388	393.8798	0.4387	50.118	152.7655	0.42
128.79	587.106	1.9308	134.2	654.8711	1.9322	47.403	393.8798	0.4402	50.195	152.7655	0.4231
128.81	587.106	1.9295	134.21	654.8711	1.9322	47.432	416.1945	0.4425	50.266	152.7655	0.4239
128.83	587.106	1.9295	134.21	654.8711	1.9349	47.437	416.1945	0.4433	50.436	152.7655	0.4223
128.84	587.106	1.9295	134.22	654.8711	1.9335	47.996	416.1945	0.448	50.456	152.7655	0.4223
128.85	587.106	1.9281	134.23	654.8711	1.9335	49.057	416.1945	0.4596	50.822	152.7655	0.4293
128.86	587.106	1.9281	134.23	654.8711	1.9322	49.076	416.1945	0.4596	50.871	152.7655	0.4301
128.87	587.106	1.9295	134.24	654.8711	1.9322	49.114	416.1945	0.4596	50.93	152.7655	0.4286
128.88	587.106	1.9295	134.25	654.8711	1.9322	49.147	416.1945	0.4612	51.024	152.7655	0.4317

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
128.89	593.806	1.9308
128.91	600.6374	1.9335
129.82	600.6374	1.947
129.86	600.6374	1.947
129.99	600.6374	1.9497
130.48	600.6374	1.9592
130.5	600.6374	1.9605
130.52	600.6374	1.9605
130.55	600.6374	1.9605
130.57	600.6374	1.9619
130.58	600.6374	1.9605
130.61	600.6374	1.9619
130.63	600.6374	1.9632
130.64	600.6374	1.9632
130.66	600.6374	1.9632
130.68	600.6374	1.9632
130.7	600.6374	1.9646
130.72	600.6374	1.9619
130.79	600.6374	1.9565
130.81	600.6374	1.9578
130.83	600.6374	1.9592
130.84	600.6374	1.9592
130.86	600.6374	1.9592
130.87	600.6374	1.9592
130.88	600.6374	1.9592
130.89	600.6374	1.9578
130.9	600.6374	1.9578
130.91	600.6374	1.9578
130.91	600.6374	1.9578
130.92	600.6374	1.9565
130.93	600.6374	1.9578
130.94	603.6589	1.9578
130.95	610.4903	1.9619
131.04	617.1904	1.9659
131.1	617.1904	1.9659
131.99	617.1904	1.9781
132.17	617.1904	1.9808
132.24	617.1904	1.9835
132.41	617.1904	1.9848
132.46	617.1904	1.9875
132.49	617.1904	1.9889
132.52	617.1904	1.9902
132.55	617.1904	1.9889
132.58	617.1904	1.9889
132.6	617.1904	1.9916
132.62	617.1904	1.9916
132.64	617.1904	1.9929
132.66	617.1904	1.9916
132.68	617.1904	1.9916
132.69	617.1904	1.9889
132.74	617.1904	1.9902
132.81	617.1904	1.9902
132.83	617.1904	1.9889
132.85	617.1904	1.9902

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
134.25	655.9522	1.9349
134.26	660.277	1.9362
134.27	664.6018	1.9376
134.29	668.8434	1.9416
134.36	668.8434	1.943
134.45	668.8434	1.9457
134.77	668.8434	1.9497
135	668.8434	1.9524
135.11	668.8434	1.9538
135.48	668.8434	1.9592
135.59	668.8434	1.9632
135.62	668.8434	1.9605
135.64	668.8434	1.9632
135.66	668.8434	1.9659
135.68	668.8434	1.9646
135.71	668.8434	1.9646
135.73	668.8434	1.9659
135.75	668.8434	1.9646
135.77	668.8434	1.9646
135.79	668.8434	1.9646
135.81	668.8434	1.9659
135.82	668.8434	1.9686
135.84	668.8434	1.9673
135.86	668.8434	1.9686
135.87	668.8434	1.9673
135.89	668.8434	1.9686
135.91	668.8434	1.9673
135.93	668.8434	1.9686
135.95	668.8434	1.9686
135.98	668.8434	1.9673
135.99	668.8434	1.9673
136.05	668.8434	1.9646
136.07	668.8434	1.9659
136.09	668.8434	1.9659
136.11	668.8434	1.9646
136.12	668.8434	1.9646
136.13	668.8434	1.9646
136.14	668.8434	1.9646
136.15	668.8434	1.9646
136.17	668.8434	1.9619
136.17	668.8434	1.9605
136.18	668.8434	1.9632
136.19	668.8434	1.9632
136.19	668.8434	1.9632
136.2	668.8434	1.9605
136.21	668.8434	1.9619
136.21	668.8434	1.9619
136.22	668.8434	1.9632
136.23	668.8434	1.9632
136.24	668.8434	1.9646
136.25	668.8434	1.9646
136.26	671.9207	1.9646
136.27	676.1623	1.9686
136.44	676.1623	1.9754

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
49.168	416.1945	0.4619
49.19	416.1945	0.4612
49.316	416.1945	0.4573
49.345	416.1945	0.4565
49.364	416.1945	0.4542
49.378	416.1945	0.4534
49.395	416.1945	0.4542
49.406	416.1945	0.4557
49.438	428.1302	0.4596
49.713	428.1302	0.4627
49.996	428.1302	0.4643
50.638	444.2175	0.4705
50.706	444.2175	0.4713
50.763	444.2175	0.4697
51.003	444.2175	0.4736
51.053	444.2175	0.4751
51.074	444.2175	0.4751
51.106	444.2175	0.4767
51.147	444.2175	0.479
51.172	444.2175	0.4782
51.2	444.2175	0.479
51.227	444.2175	0.4759
51.311	444.2175	0.4744
51.319	444.2175	0.4751
51.352	444.2175	0.4736
51.37	444.2175	0.4705
51.383	444.2175	0.4713
51.396	444.2175	0.4713
51.413	444.2175	0.4736
51.437	444.2175	0.4759
51.996	449.9259	0.4814
52.068	449.9259	0.4821
52.493	449.9259	0.4852
53.072	449.9259	0.4922
53.103	449.9259	0.4922
53.142	449.9259	0.493
53.173	449.9259	0.4938
53.204	449.9259	0.4953
53.233	449.9259	0.4946
53.284	449.9259	0.493
53.307	449.9259	0.4914
53.314	449.9259	0.4922
53.353	449.9259	0.4883
53.372	449.9259	0.4891
53.39	449.9259	0.4883
53.405	449.9259	0.4876
53.418	449.9259	0.4883
53.708	449.9259	0.4953
53.751	449.9259	0.4953
53.996	468.089	0.4984
54.445	468.089	0.5023
54.696	468.089	0.5031
55.067	468.089	0.5078
55.089	468.089	0.5085

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
51.204	152.7655	0.4293
51.266	152.7655	0.4286
51.315	152.7655	0.4286
51.34	152.7655	0.4278
51.855	152.7655	0.4371
51.943	152.7655	0.4355
51.996	160.8215	0.4379
52.101	160.8215	0.4387
52.206	160.8215	0.4394
52.333	160.8215	0.4425
52.347	160.8215	0.4394
52.449	160.8215	0.4418
52.539	160.8215	0.441
52.599	160.8215	0.4402
52.645	160.8215	0.4402
52.829	160.8215	0.4449
52.896	160.8215	0.4418
53.083	160.8215	0.4472
53.147	160.8215	0.448
53.207	160.8215	0.4487
53.286	160.8215	0.4487
53.37	160.8215	0.4519
53.539	160.8215	0.448
53.579	160.8215	0.448
53.615	160.8215	0.4464
53.634	160.8215	0.4472
53.658	160.8215	0.4464
53.996	162.015	0.4542
54.23	162.015	0.4588
54.273	162.015	0.4565
54.44	162.015	0.4557
54.46	162.015	0.4557
54.626	176.9335	0.4588
54.712	176.9335	0.4604
54.798	176.9335	0.4627
54.825	176.9335	0.4604
54.903	176.9335	0.4619
54.971	176.9335	0.4627
55.023	176.9335	0.4612
55.068	176.9335	0.4651
55.121	176.9335	0.4635
55.239	176.9335	0.4635
55.271	176.9335	0.4635
55.366	176.9335	0.4689
55.377	176.9335	0.4689
55.389	176.9335	0.4697
55.411	176.9335	0.4697
55.437	176.9335	0.4705
55.467	176.9335	0.4682
55.627	176.9335	0.4658
55.658	176.9335	0.4635
55.677	176.9335	0.4635
55.693	176.9335	0.4612
55.706	176.9335	0.4619

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.87	617.1904	1.9889
132.88	617.1904	1.9875
132.89	617.1904	1.9875
132.9	617.1904	1.9862
132.91	617.1904	1.9862
132.92	617.1904	1.9875
132.93	617.1904	1.9862
132.94	617.1904	1.9862
132.95	617.1904	1.9889
132.96	622.5767	1.9916
132.98	629.2767	1.9929
133.1	629.2767	1.9943
133.99	629.2767	2.0078
134.49	629.2767	2.0186
134.51	629.2767	2.0186
134.53	629.2767	2.0186
134.54	629.2767	2.0199
134.56	629.2767	2.0199
134.58	629.2767	2.0199
134.6	629.2767	2.0213
134.61	629.2767	2.0213
134.63	629.2767	2.0213
134.64	629.2767	2.0213
134.66	629.2767	2.0213
134.67	629.2767	2.0213
134.69	629.2767	2.0199
134.73	629.2767	2.0213
134.84	629.2767	2.0172
134.86	629.2767	2.0159
134.87	629.2767	2.0159
134.88	629.2767	2.0172
134.89	629.2767	2.0172
134.9	629.2767	2.0159
134.91	629.2767	2.0159
134.92	629.2767	2.0145
134.93	629.2767	2.0145
134.94	629.2767	2.0159
134.94	629.2767	2.0159
134.95	629.2767	2.0145
134.96	629.2767	2.0159
134.97	629.2767	2.0159
134.98	630.0649	2.0186
134.99	636.8963	2.0199
135.02	643.5963	2.0226
135.1	643.5963	2.0253
135.42	643.5963	2.028
135.56	643.5963	2.0307
135.99	643.5963	2.0361
136.47	643.5963	2.0469
136.49	643.5963	2.0469
136.52	643.5963	2.0483
136.54	643.5963	2.0483
136.56	643.5963	2.0483
136.58	643.5963	2.0483

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
136.46	676.1623	1.9767
136.48	676.1623	1.9767
136.5	676.1623	1.9767
136.53	676.1623	1.9767
136.56	676.1623	1.9767
136.58	676.1623	1.9767
136.62	676.1623	1.9781
136.66	676.1623	1.9767
136.78	676.1623	1.974
136.79	676.1623	1.9767
136.81	676.1623	1.9767
136.82	676.1623	1.9727
136.83	676.1623	1.9727
136.85	676.1623	1.9727
136.86	676.1623	1.9713
136.87	676.1623	1.974
136.87	676.1623	1.9767
136.89	680.4039	1.9794
137.13	680.4039	1.9821
137.19	680.4039	1.9835
137.3	680.4039	1.9848
137.39	680.4039	1.9848
137.42	680.4039	1.9875
137.48	680.4039	1.9875
137.99	680.9029	1.997
138.46	680.9029	2.0051
138.48	680.9029	2.0051
138.5	680.9029	2.0051
138.53	680.9029	2.0064
138.54	680.9029	2.0064
138.56	680.9029	2.0078
138.58	680.9029	2.0064
138.6	680.9029	2.0064
138.62	680.9029	2.0078
138.63	680.9029	2.0091
138.64	680.9029	2.0091
138.66	680.9029	2.0078
138.67	680.9029	2.0091
138.69	680.9029	2.0105
138.7	680.9029	2.0091
138.72	680.9029	2.0091
138.76	680.9029	2.0064
138.87	680.9029	2.0078
138.91	680.9029	2.0078
138.92	680.9029	2.0091
138.94	680.9029	2.0037
138.95	680.9029	2.0051
138.96	680.9029	2.0037
138.97	680.9029	2.0037
138.98	680.9029	2.0037
138.99	680.9029	2.0064
138.99	680.9029	2.0037
139.01	680.9029	2.0037
139.01	680.9029	2.0037

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
55.12	468.089	0.5093
55.156	468.089	0.5109
55.18	468.089	0.5109
55.201	468.089	0.5116
55.241	468.089	0.5109
55.327	468.089	0.5062
55.333	468.089	0.507
55.354	468.089	0.5046
55.371	468.089	0.5039
55.387	468.089	0.5046
55.401	468.089	0.5046
55.412	468.089	0.5078
55.451	494.0363	0.5101
55.637	494.0363	0.5116
55.995	494.0363	0.514
56.674	510.1236	0.5202
56.704	510.1236	0.5209
57.068	510.1236	0.5248
57.097	510.1236	0.5256
57.127	510.1236	0.5272
57.157	510.1236	0.5279
57.185	510.1236	0.5279
57.21	510.1236	0.5287
57.238	510.1236	0.5272
57.307	510.1236	0.5264
57.334	510.1236	0.5225
57.35	510.1236	0.5225
57.368	510.1236	0.5217
57.385	510.1236	0.5209
57.397	510.1236	0.5209
57.411	510.1236	0.5217
57.441	510.1236	0.5272
57.69	510.1236	0.5287
57.995	510.1236	0.5318
58.587	527.7678	0.5365
58.7	527.7678	0.538
59.055	527.7678	0.5419
59.074	527.7678	0.5427
59.096	527.7678	0.5427
59.136	527.7678	0.5442
59.166	527.7678	0.545
59.192	527.7678	0.5458
59.214	527.7678	0.5435
59.327	527.7678	0.5388
59.335	527.7678	0.538
59.352	527.7678	0.5388
59.367	527.7678	0.5373
59.384	527.7678	0.538
59.396	527.7678	0.5373
59.408	527.7678	0.5388
59.437	527.7678	0.5427
59.659	527.7678	0.5473
59.995	527.7678	0.5481
60.335	527.7678	0.5512

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
55.721	176.9335	0.4651
55.995	176.9335	0.4713
56.377	186.1829	0.4728
56.483	186.1829	0.4744
56.726	186.1829	0.4744
56.824	186.1829	0.4814
57.367	186.1829	0.4852
57.384	186.1829	0.4845
57.404	186.1829	0.486
57.426	186.1829	0.4868
57.451	186.1829	0.486
57.509	186.1829	0.4845
57.577	186.1829	0.4829
57.626	186.1829	0.4821
57.656	186.1829	0.4806
57.675	186.1829	0.4798
57.694	186.1829	0.4806
57.714	186.1829	0.4814
57.739	186.1829	0.4845
57.816	186.1829	0.486
57.846	186.1829	0.4876
57.929	186.1829	0.4868
57.995	186.1829	0.4876
58.067	186.1829	0.4876
58.097	186.1829	0.4868
58.117	186.1829	0.4883
58.607	186.1829	0.4922
58.687	186.1829	0.4953
58.846	186.1829	0.4946
58.906	186.1829	0.493
59.044	186.1829	0.4969
59.065	186.1829	0.4984
59.195	186.1829	0.4984
59.264	186.1829	0.4977
59.362	186.1829	0.5015
59.374	186.1829	0.5023
59.388	186.1829	0.5023
59.405	186.1829	0.5039
59.432	186.1829	0.5031
59.462	186.1829	0.5031
59.652	186.1829	0.4961
59.672	186.1829	0.4961
59.689	186.1829	0.4969
59.711	186.1829	0.4953
59.727	186.1829	0.4977
59.927	186.1829	0.5046
59.994	186.1829	0.5015
59.995	186.1829	0.5015
60.409	186.1829	0.5109
60.499	186.1829	0.5109
60.615	186.1829	0.507
60.637	186.1829	0.5078
60.699	186.1829	0.5116
61	186.1829	0.5116

UCS Test Results, Stage Three

S3N3-1		28 Days	S3N3-2		28 Days	S3N4-1		28 Days	S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
136.59	643.5963	2.0496	139.02	680.9029	2.0024	60.391	527.7678	0.5505	61.161	186.1829	0.5116
136.61	643.5963	2.0496	139.03	680.9029	2.0037	60.546	545.9309	0.552	61.372	186.1829	0.5178
136.62	643.5963	2.0496	139.04	680.9029	2.0037	60.688	545.9309	0.5536	61.401	186.1829	0.5178
136.63	643.5963	2.051	139.04	680.9029	2.0024	61.071	545.9309	0.5582	61.429	186.1829	0.5178
136.65	643.5963	2.051	139.05	680.9029	2.0064	61.091	545.9309	0.5582	61.472	186.1829	0.5178
136.66	643.5963	2.051	139.06	685.1445	2.0064	61.112	545.9309	0.559	61.525	186.1829	0.5194
136.67	643.5963	2.051	139.08	689.3861	2.0078	61.152	545.9309	0.5605	61.585	186.1829	0.5186
136.68	643.5963	2.051	139.09	693.7109	2.0091	61.176	545.9309	0.5605	61.656	186.1829	0.514
136.7	643.5963	2.0496	139.28	693.7109	2.0145	61.211	545.9309	0.5613	61.673	186.1829	0.5132
136.73	643.5963	2.0456	139.4	693.7109	2.0159	61.234	545.9309	0.5605	61.693	186.1829	0.514
136.78	643.5963	2.0469	139.49	693.7109	2.0172	61.332	545.9309	0.5567	61.715	186.1829	0.514
136.81	643.5963	2.0456	139.76	693.7109	2.0213	61.343	545.9309	0.5551	61.734	186.1829	0.5163
136.83	643.5963	2.0483	139.84	693.7109	2.024	61.361	545.9309	0.5567	61.757	186.1829	0.514
136.84	643.5963	2.0442	139.98	693.7109	2.024	61.379	545.9309	0.5551	61.995	190.6585	0.5194
136.85	643.5963	2.0442	139.99	693.7109	2.024	61.391	545.9309	0.5543	62.106	190.6585	0.5225
136.86	643.5963	2.0442	140.44	693.7109	2.0348	61.405	545.9309	0.5551	62.13	190.6585	0.5241
136.87	643.5963	2.0442	140.46	693.7109	2.0348	61.421	545.9309	0.5559	62.15	190.6585	0.5248
136.88	643.5963	2.0429	140.48	693.7109	2.0348	61.442	545.9309	0.559	62.208	190.6585	0.5233
136.89	643.5963	2.0456	140.49	693.7109	2.0348	61.952	545.9309	0.5644	62.386	190.6585	0.5241
136.9	643.5963	2.0429	140.51	693.7109	2.0348	61.995	545.9309	0.5652	62.421	190.6585	0.5248
136.9	643.5963	2.0442	140.52	693.7109	2.0375	62.265	545.9309	0.566	62.512	190.6585	0.5241
136.91	643.5963	2.0415	140.54	693.7109	2.0375	63.052	545.9309	0.5745	62.551	190.6585	0.5225
136.92	643.5963	2.0429	140.56	693.7109	2.0375	63.088	545.9309	0.5753	62.572	190.6585	0.5233
136.93	643.5963	2.0415	140.57	693.7109	2.0375	63.109	545.9309	0.5745	62.613	190.6585	0.5225
136.93	643.5963	2.0442	140.58	693.7109	2.0388	63.143	545.9309	0.5768	62.959	190.6585	0.531
136.94	643.5963	2.0456	140.59	693.7109	2.0388	63.18	545.9309	0.5784	63.039	190.6585	0.5287
136.95	643.5963	2.0483	140.6	693.7109	2.0402	63.21	545.9309	0.5784	63.143	190.6585	0.5303
136.97	649.7709	2.0483	140.61	693.7109	2.0402	63.234	545.9309	0.5792	63.223	190.6585	0.531
137.38	649.7709	2.0591	140.62	693.7109	2.0388	63.328	545.9309	0.5737	63.321	190.6585	0.531
137.85	649.7709	2.0645	140.63	693.7109	2.0388	63.339	545.9309	0.5722	63.388	190.6585	0.5341
137.86	649.7709	2.0685	140.63	693.7109	2.0375	63.345	545.9309	0.5737	63.396	190.6585	0.5334
137.86	649.7709	2.0672	140.63	693.7109	2.0375	63.35	545.9309	0.5722	63.46	190.6585	0.5334
137.87	649.7709	2.0645	140.64	693.7109	2.0375	63.367	545.9309	0.5714	63.559	190.6585	0.5318
137.89	649.7709	2.0658	140.64	693.7109	2.0361	63.38	545.9309	0.5722	63.598	190.6585	0.5326
137.92	649.7709	2.0685	140.65	693.7109	2.0348	63.396	545.9309	0.5722	63.619	190.6585	0.531
137.94	649.7709	2.0672	140.73	693.7109	2.0321	63.414	571.8782	0.5745	63.64	190.6585	0.5318
137.97	649.7709	2.0699	140.74	693.7109	2.0307	63.703	571.8782	0.5784	63.663	190.6585	0.5279
137.98	649.7709	2.0672	140.76	693.7109	2.0307	63.995	571.8782	0.5815	63.677	190.6585	0.5287
137.99	649.7709	2.0672	140.77	693.7109	2.0334	64.214	571.8782	0.5831	63.796	190.6585	0.5349
138.01	649.7709	2.0685	140.78	693.7109	2.0294	65.062	571.8782	0.5916	63.861	190.6585	0.5365
138.03	649.7709	2.0699	140.79	693.7109	2.0294	65.077	571.8782	0.5924	63.995	190.6585	0.5365
138.05	649.7709	2.0699	140.8	693.7109	2.0307	65.097	571.8782	0.5932	64.01	190.6585	0.5365
138.07	649.7709	2.0699	140.8	693.7109	2.0294	65.126	571.8782	0.5924	64.041	190.6585	0.5365
138.09	649.7709	2.0712	140.81	693.7109	2.0307	65.15	571.8782	0.5955	64.183	205.577	0.538
138.11	649.7709	2.0699	140.82	693.7109	2.0267	65.177	571.8782	0.5947	64.297	205.577	0.5396
138.14	649.7709	2.0699	140.83	693.7109	2.028	65.2	571.8782	0.5955	64.74	205.577	0.5442
138.28	649.7709	2.0672	140.83	693.7109	2.0294	65.239	571.8782	0.5932	64.889	205.577	0.5442
138.3	649.7709	2.0685	140.84	693.7109	2.0294	65.295	571.8782	0.5908	65.083	205.577	0.5458
138.32	649.7709	2.0672	140.84	693.7109	2.028	65.309	571.8782	0.5916	65.139	205.577	0.5481
138.33	649.7709	2.0685	140.85	693.7109	2.0294	65.329	571.8782	0.5885	65.232	205.577	0.5473
138.34	649.7709	2.0672	140.86	693.7109	2.0267	65.346	571.8782	0.5885	65.249	205.577	0.5458
138.35	649.7709	2.0645	140.86	693.7109	2.028	65.359	571.8782	0.5877	65.308	205.577	0.5481
138.36	649.7709	2.0658	140.87	693.7109	2.0294	65.375	571.8782	0.5885	65.354	205.577	0.5505
138.37	649.7709	2.0645	140.88	693.7109	2.0307	65.389	571.8782	0.5877	65.374	205.577	0.5512

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
138.37	649.7709	2.0672
138.38	649.7709	2.0658
138.39	649.7709	2.0631
138.4	649.7709	2.0631
138.41	649.7709	2.0658
138.41	649.7709	2.0658
138.42	649.7709	2.0672
138.43	652.0042	2.0699
138.76	658.7042	2.0753
139.99	661.7258	2.0955
140.44	661.7258	2.1036
140.55	661.7258	2.1036
140.65	661.7258	2.1023
140.69	661.7258	2.105
140.77	668.5572	2.1063
141.81	668.5572	2.1212
141.98	668.5572	2.1252
141.99	668.5572	2.1225
142.48	668.5572	2.132
142.52	668.5572	2.1347
142.54	668.5572	2.1347
142.57	668.5572	2.1347
142.59	668.5572	2.1347
142.62	668.5572	2.1347
142.64	668.5572	2.1361
142.66	668.5572	2.1374
142.68	668.5572	2.1347
142.72	668.5572	2.1361
142.85	668.5572	2.1347
142.87	668.5572	2.1347
142.89	668.5572	2.1334
142.9	668.5572	2.1334
142.92	668.5572	2.132
142.93	668.5572	2.132
142.93	668.5572	2.1334
142.94	668.5572	2.132
142.95	668.5572	2.1293
142.96	668.5572	2.1307
142.97	668.5572	2.1334
142.98	668.5572	2.1347
143	674.6004	2.1374
143.21	674.6004	2.1415
143.68	674.6004	2.1482
143.94	674.6004	2.1523
143.99	674.6004	2.1523
144.18	676.3082	2.1563
144.48	676.3082	2.1617
144.54	676.3082	2.1631
144.56	676.3082	2.1617
144.6	676.3082	2.1631
144.66	676.3082	2.1644
144.73	676.3082	2.159
144.75	676.3082	2.1604
144.76	676.3082	2.1604

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
140.88	693.7109	2.0334
140.89	697.8693	2.0334
140.91	702.1109	2.0388
141.99	703.1921	2.0523
142.43	703.1921	2.0631
142.45	703.1921	2.0631
142.47	703.1921	2.0631
142.49	703.1921	2.0645
142.51	703.1921	2.0658
142.53	703.1921	2.0645
142.55	703.1921	2.0645
142.56	703.1921	2.0645
142.58	703.1921	2.0645
142.6	703.1921	2.0658
142.61	703.1921	2.0672
142.63	703.1921	2.0645
142.64	703.1921	2.0658
142.67	703.1921	2.0658
142.69	703.1921	2.0672
142.71	703.1921	2.0631
142.82	703.1921	2.0631
142.84	703.1921	2.0631
142.86	703.1921	2.0645
142.88	703.1921	2.0618
142.89	703.1921	2.0618
142.9	703.1921	2.0618
142.91	703.1921	2.0591
142.92	703.1921	2.0618
142.93	703.1921	2.0618
142.94	703.1921	2.0591
142.95	703.1921	2.0591
142.96	703.1921	2.0604
142.96	703.1921	2.0591
142.97	703.1921	2.0577
142.98	703.1921	2.0591
142.98	703.1921	2.0618
142.99	707.4337	2.0645
143	711.6753	2.0645
143.02	716.0001	2.0658
143.99	716.1664	2.0847
144.43	716.1664	2.0928
144.45	716.1664	2.0928
144.46	716.1664	2.0928
144.47	716.1664	2.0942
144.48	716.1664	2.0955
144.49	716.1664	2.0942
144.5	716.1664	2.0942
144.51	716.1664	2.0969
144.52	716.1664	2.0955
144.53	716.1664	2.0982
144.54	716.1664	2.0969
144.55	716.1664	2.0969
144.56	716.1664	2.0969
144.57	716.1664	2.0969

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
65.403	571.8782	0.5877
65.862	597.8254	0.597
65.995	599.9012	0.5978
66.25	599.9012	0.5994
66.68	599.9012	0.6032
67.043	599.9012	0.6087
67.062	599.9012	0.6087
67.08	599.9012	0.6079
67.097	599.9012	0.6087
67.124	599.9012	0.6102
67.154	599.9012	0.611
67.181	599.9012	0.611
67.205	599.9012	0.611
67.268	599.9012	0.6095
67.292	599.9012	0.6079
67.303	599.9012	0.6079
67.331	599.9012	0.6064
67.343	599.9012	0.6064
67.356	599.9012	0.604
67.372	599.9012	0.6048
67.386	599.9012	0.604
67.398	599.9012	0.604
67.413	599.9012	0.6056
67.994	599.9012	0.6149
68.299	618.0643	0.6172
69.026	618.0643	0.6242
69.041	618.0643	0.625
69.071	618.0643	0.625
69.101	618.0643	0.625
69.123	618.0643	0.6258
69.143	618.0643	0.6273
69.181	618.0643	0.6273
69.203	618.0643	0.6281
69.234	618.0643	0.6289
69.265	618.0643	0.6258
69.292	618.0643	0.625
69.319	618.0643	0.6234
69.326	618.0643	0.6234
69.335	618.0643	0.6227
69.352	618.0643	0.6219
69.37	618.0643	0.6227
69.386	618.0643	0.6211
69.4	618.0643	0.6219
69.413	618.0643	0.6219
69.432	618.0643	0.625
69.994	630.0001	0.632
70.298	630.0001	0.6343
70.361	630.0001	0.6343
70.407	630.0001	0.6335
70.66	630.0001	0.6374
70.706	630.0001	0.6359
70.971	630.0001	0.639
71.037	630.0001	0.6413
71.056	630.0001	0.6413

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
65.393	205.577	0.5512
65.413	205.577	0.552
65.446	205.577	0.552
65.477	205.577	0.5528
65.538	205.577	0.5512
65.618	205.577	0.5505
65.645	205.577	0.5489
65.666	205.577	0.5473
65.686	205.577	0.5481
65.705	205.577	0.5466
65.721	205.577	0.5458
65.747	205.577	0.5489
65.949	205.577	0.5559
65.995	205.577	0.5567
66.03	205.577	0.5536
66.093	205.577	0.5559
66.303	205.577	0.5536
66.321	205.577	0.5551
66.34	205.577	0.5536
66.363	207.964	0.5528
66.613	207.964	0.5582
66.633	207.964	0.5598
66.657	207.964	0.559
66.779	207.964	0.5598
66.825	207.964	0.5598
66.856	207.964	0.559
66.902	207.964	0.5605
66.925	207.964	0.5598
67.364	207.964	0.5683
67.382	207.964	0.5683
67.394	207.964	0.5691
67.414	207.964	0.5699
67.436	207.964	0.5706
67.469	207.964	0.5691
67.508	207.964	0.5675
67.574	207.964	0.566
67.602	207.964	0.5652
67.621	207.964	0.5644
67.643	207.964	0.5613
67.661	207.964	0.5621
67.677	207.964	0.5629
67.691	207.964	0.5637
67.727	222.8825	0.5691
67.752	222.8825	0.5714
67.793	222.8825	0.5706
67.833	222.8825	0.5714
67.961	222.8825	0.5706
67.982	222.8825	0.5683
67.994	222.8825	0.5691
68.244	222.8825	0.5737
68.372	222.8825	0.5737
68.632	222.8825	0.5768
68.741	222.8825	0.5737
68.822	229.745	0.5776

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
144.77	676.3082	2.1577
144.79	676.3082	2.1604
144.8	683.0082	2.1631
144.85	689.8396	2.1658
145.08	689.8396	2.1685
145.84	689.8396	2.1779
145.99	689.8396	2.182
146.46	689.8396	2.1887
146.52	689.8396	2.1914
146.57	689.8396	2.1914
146.62	689.8396	2.1914
146.73	689.8396	2.1901
146.75	689.8396	2.1887
146.77	689.8396	2.1887
146.78	689.8396	2.1887
146.79	696.0142	2.1901
146.85	702.8456	2.1928
146.92	702.8456	2.1955
147.99	702.8456	2.209
148.45	702.8456	2.2211
148.48	702.8456	2.2184
148.5	702.8456	2.2198
148.53	702.8456	2.2225
148.54	702.8456	2.2211
148.56	702.8456	2.2225
148.58	702.8456	2.2225
148.59	702.8456	2.2238
148.6	702.8456	2.2238
148.62	702.8456	2.2238
148.63	702.8456	2.2238
148.65	702.8456	2.2238
148.66	702.8456	2.2238
148.68	702.8456	2.2225
148.71	702.8456	2.2238
148.83	702.8456	2.2198
148.84	702.8456	2.2211
148.85	702.8456	2.2211
148.87	702.8456	2.2198
148.88	702.8456	2.2184
148.89	702.8456	2.2184
148.9	702.8456	2.2171
148.91	702.8456	2.2171
148.91	702.8456	2.2184
148.92	702.8456	2.2171
148.93	702.8456	2.2171
148.93	702.8456	2.2171
148.94	702.8456	2.2184
148.95	702.8456	2.2171
148.96	702.8456	2.2198
148.97	706.2613	2.2198
148.98	712.9613	2.2238
149.03	719.7927	2.2265
149.08	719.7927	2.2265
149.28	719.7927	2.2292

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
144.57	716.1664	2.0969
144.58	716.1664	2.0969
144.59	716.1664	2.0969
144.6	716.1664	2.0955
144.61	716.1664	2.0942
144.63	716.1664	2.0928
144.72	716.1664	2.0888
144.73	716.1664	2.0888
144.73	716.1664	2.0874
144.74	716.1664	2.0888
144.75	716.1664	2.0861
144.76	716.1664	2.0861
144.77	716.1664	2.0861
144.77	716.1664	2.0861
144.78	716.1664	2.0847
144.79	716.1664	2.0861
144.79	716.1664	2.0847
144.8	716.1664	2.0847
144.81	716.1664	2.0861
144.81	716.1664	2.0834
144.82	716.1664	2.0861
144.82	716.1664	2.0834
144.83	716.1664	2.0861
144.84	716.1664	2.0861
144.84	716.1664	2.0861
144.85	716.1664	2.0888
144.85	720.4081	2.0901
144.86	724.7328	2.0901
144.88	728.9744	2.0942
145.01	728.9744	2.0969
145.85	728.9744	2.109
145.99	728.9744	2.1077
146.2	731.4695	2.1131
146.42	731.4695	2.1212
146.44	731.4695	2.1212
146.45	731.4695	2.1212
146.47	731.4695	2.1212
146.48	731.4695	2.1225
146.49	731.4695	2.1225
146.51	731.4695	2.1239
146.52	731.4695	2.1239
146.53	731.4695	2.1239
146.54	731.4695	2.1225
146.56	731.4695	2.1239
146.57	731.4695	2.1239
146.58	731.4695	2.1253
146.59	731.4695	2.1266
146.6	731.4695	2.1266
146.61	731.4695	2.1266
146.62	731.4695	2.1253
146.64	731.4695	2.1253
146.65	731.4695	2.1225
146.74	731.4695	2.1185
146.75	731.4695	2.1185

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
71.071	630.0001	0.6421
71.09	630.0001	0.6421
71.116	630.0001	0.6428
71.138	630.0001	0.6428
71.16	630.0001	0.6436
71.192	630.0001	0.6452
71.219	630.0001	0.6436
71.263	630.0001	0.6436
71.289	630.0001	0.6405
71.299	630.0001	0.6405
71.327	630.0001	0.639
71.332	630.0001	0.639
71.348	630.0001	0.639
71.364	630.0001	0.6382
71.378	630.0001	0.6382
71.39	630.0001	0.6382
71.405	630.0001	0.639
71.422	630.0001	0.6397
71.994	647.6442	0.6483
72.113	647.6442	0.6506
72.55	647.6442	0.6529
72.862	647.6442	0.6553
73.055	647.6442	0.6576
73.087	647.6442	0.6584
73.12	647.6442	0.6607
73.134	647.6442	0.6599
73.147	647.6442	0.6591
73.177	647.6442	0.6599
73.208	647.6442	0.6615
73.238	647.6442	0.6615
73.261	647.6442	0.6599
73.329	647.6442	0.6568
73.34	647.6442	0.6576
73.348	647.6442	0.656
73.358	647.6442	0.656
73.368	647.6442	0.6568
73.39	647.6442	0.6553
73.407	647.6442	0.656
73.423	647.6442	0.6553
73.437	647.6442	0.6553
73.456	647.6442	0.6584
73.831	673.5915	0.6623
73.855	673.5915	0.6638
73.994	673.5915	0.6638
74.63	673.5915	0.6692
75.063	673.5915	0.6747
75.095	673.5915	0.6747
75.132	673.5915	0.6754
75.143	673.5915	0.6762
75.156	673.5915	0.677
75.175	673.5915	0.677
75.206	673.5915	0.6786
75.238	673.5915	0.677
75.277	673.5915	0.6754

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
68.857	229.745	0.5776
69.008	229.745	0.58
69.133	229.745	0.5807
69.262	229.745	0.5807
69.349	229.745	0.5846
69.36	229.745	0.5854
69.376	229.745	0.5838
69.39	229.745	0.5862
69.409	229.745	0.5854
69.431	229.745	0.5862
69.47	229.745	0.5854
69.609	229.745	0.58
69.619	229.745	0.5823
69.64	229.745	0.5823
69.662	229.745	0.58
69.679	229.745	0.5792
69.691	229.745	0.5807
69.71	229.745	0.5831
69.994	229.745	0.5893
70.026	229.745	0.5869
70.112	229.745	0.5877
70.465	229.745	0.5916
70.55	229.745	0.5932
70.599	229.745	0.5963
70.613	229.745	0.5924
70.819	229.745	0.5924
70.847	229.745	0.5924
70.859	229.745	0.5924
70.881	229.745	0.59
71.215	229.745	0.5978
71.303	229.745	0.5955
71.366	229.745	0.6009
71.378	229.745	0.6009
71.396	229.745	0.6017
71.411	229.745	0.6025
71.437	229.745	0.6017
71.469	229.745	0.604
71.508	229.745	0.6009
71.597	229.745	0.597
71.607	229.745	0.5986
71.629	229.745	0.5955
71.649	229.745	0.597
71.667	229.745	0.5955
71.68	229.745	0.5955
71.691	229.745	0.5986
71.743	244.6635	0.6001
71.921	244.6635	0.6056
71.95	244.6635	0.6056
71.994	244.6635	0.6071
72.107	244.6635	0.6032
72.223	247.0505	0.6048
72.718	247.0505	0.6102
72.9	247.0505	0.6102
73.173	247.0505	0.6149

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
149.99	719.7927	2.24
150.33	719.7927	2.2441
150.4	719.7927	2.2468
150.44	719.7927	2.2481
150.48	719.7927	2.2495
150.52	719.7927	2.2508
150.53	719.7927	2.2508
150.55	719.7927	2.2522
150.57	719.7927	2.2508
150.58	719.7927	2.2522
150.6	719.7927	2.2508
150.62	719.7927	2.2522
150.64	719.7927	2.2535
150.65	719.7927	2.2522
150.67	719.7927	2.2508
150.71	719.7927	2.2522
150.82	719.7927	2.2495
150.84	719.7927	2.2495
150.86	719.7927	2.2481
150.87	719.7927	2.2481
150.88	719.7927	2.2495
150.89	719.7927	2.2468
150.9	719.7927	2.2468
150.91	719.7927	2.2481
150.92	719.7927	2.2454
150.93	719.7927	2.2468
150.93	719.7927	2.2481
150.94	719.7927	2.2481
150.95	719.7927	2.2468
150.96	719.7927	2.2495
150.97	722.2888	2.2522
151	729.1202	2.2535
151.16	729.1202	2.2576
151.99	729.1202	2.2684
152.37	729.1202	2.2738
152.44	729.1202	2.2778
152.47	729.1202	2.2778
152.49	729.1202	2.2778
152.52	729.1202	2.2805
152.54	729.1202	2.2805
152.55	729.1202	2.2792
152.57	729.1202	2.2792
152.59	729.1202	2.2805
152.6	729.1202	2.2805
152.62	729.1202	2.2792
152.63	729.1202	2.2832
152.65	729.1202	2.2819
152.66	729.1202	2.2805
152.68	729.1202	2.2819
152.7	729.1202	2.2805
152.81	729.1202	2.2792
152.83	729.1202	2.2792
152.85	729.1202	2.2778
152.86	729.1202	2.2778

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.76	731.4695	2.1185
146.78	731.4695	2.1171
146.79	731.4695	2.1171
146.8	731.4695	2.1171
146.8	731.4695	2.1185
146.81	731.4695	2.1198
146.82	731.4695	2.1185
146.83	731.4695	2.1144
146.84	731.4695	2.1144
146.85	731.4695	2.1185
146.85	731.4695	2.1171
146.86	731.4695	2.1144
146.87	731.4695	2.1171
146.87	731.4695	2.1144
146.88	731.4695	2.1171
146.89	731.4695	2.1185
146.9	731.4695	2.1185
146.9	735.7111	2.1185
146.92	740.0359	2.1225
147.31	740.0359	2.1307
147.99	740.0359	2.1401
148.43	740.0359	2.1496
148.44	740.0359	2.1523
148.45	740.0359	2.1523
148.46	740.0359	2.1523
148.47	740.0359	2.1523
148.48	740.0359	2.1536
148.49	740.0359	2.1536
148.5	740.0359	2.1523
148.51	740.0359	2.1536
148.52	740.0359	2.1536
148.53	740.0359	2.155
148.54	740.0359	2.1563
148.54	740.0359	2.1577
148.55	740.0359	2.1563
148.56	740.0359	2.155
148.57	740.0359	2.155
148.58	740.0359	2.1536
148.59	740.0359	2.155
148.6	740.0359	2.1523
148.61	740.0359	2.1523
148.7	740.0359	2.1455
148.72	740.0359	2.1455
148.73	740.0359	2.1442
148.73	740.0359	2.1428
148.74	740.0359	2.1442
148.75	740.0359	2.1442
148.76	740.0359	2.1415
148.76	740.0359	2.1428
148.77	740.0359	2.1442
148.78	740.0359	2.1415
148.78	740.0359	2.1428
148.79	740.0359	2.1415
148.79	740.0359	2.1415

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
75.351	673.5915	0.6747
75.365	673.5915	0.6739
75.378	673.5915	0.6739
75.388	673.5915	0.6747
75.405	673.5915	0.6739
75.426	673.5915	0.6747
75.447	673.5915	0.6731
75.465	673.5915	0.6739
75.485	673.5915	0.6747
75.49	673.5915	0.6747
75.527	673.5915	0.6778
75.994	687.6031	0.6809
76.029	687.6031	0.6824
76.526	687.6031	0.6855
77.051	687.6031	0.6918
77.073	687.6031	0.6918
77.113	687.6031	0.6941
77.124	687.6031	0.6941
77.14	687.6031	0.6933
77.154	687.6031	0.6933
77.194	687.6031	0.6941
77.223	687.6031	0.6941
77.252	687.6031	0.6941
77.295	687.6031	0.6933
77.32	687.6031	0.6894
77.327	687.6031	0.6902
77.333	687.6031	0.6894
77.343	687.6031	0.6894
77.352	687.6031	0.6886
77.367	687.6031	0.6894
77.382	687.6031	0.6886
77.395	687.6031	0.6879
77.409	687.6031	0.6886
77.424	687.6031	0.6894
77.429	687.6031	0.6902
77.452	687.6031	0.6918
77.994	695.3872	0.698
78.287	721.3345	0.7003
78.344	721.3345	0.7003
79.137	721.3345	0.7088
79.15	721.3345	0.7096
79.171	721.3345	0.7104
79.2	721.3345	0.7088
79.233	721.3345	0.7104
79.262	721.3345	0.7104
79.328	721.3345	0.7073
79.339	721.3345	0.7073
79.348	721.3345	0.7073
79.358	721.3345	0.7065
79.365	721.3345	0.7073
79.377	721.3345	0.7065
79.544	721.3345	0.7104
79.993	729.6377	0.715
80.138	729.6377	0.7166

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
73.216	247.0505	0.6126
73.352	247.0505	0.6172
73.364	247.0505	0.6188
73.374	247.0505	0.6195
73.386	247.0505	0.6203
73.398	247.0505	0.6195
73.417	247.0505	0.6203
73.446	247.0505	0.6188
73.475	247.0505	0.618
73.604	247.0505	0.6133
73.616	247.0505	0.6157
73.636	247.0505	0.6157
73.657	247.0505	0.6118
73.672	247.0505	0.6126
73.684	247.0505	0.6126
73.696	247.0505	0.6141
73.718	247.0505	0.6149
73.878	247.0505	0.6203
73.929	247.0505	0.6219
73.994	247.0505	0.6227
74.108	247.0505	0.6195
74.138	250.6309	0.6195
74.225	250.6309	0.6234
74.248	250.6309	0.6242
74.277	250.6309	0.6265
74.292	250.6309	0.6258
74.306	250.6309	0.6265
74.336	250.6309	0.6258
74.411	250.6309	0.6281
74.569	250.6309	0.6219
74.59	250.6309	0.6219
74.608	250.6309	0.6234
74.627	250.6309	0.6227
74.65	250.6309	0.6227
74.679	250.6309	0.6234
74.701	250.6309	0.6227
74.931	250.6309	0.6312
74.946	250.6309	0.6281
75.009	250.6309	0.6296
75.122	250.6309	0.6296
75.27	250.6309	0.6327
75.341	250.6309	0.6343
75.36	250.6309	0.6343
75.373	250.6309	0.6351
75.392	250.6309	0.6351
75.415	250.6309	0.6359
75.451	250.6309	0.6351
75.494	250.6309	0.6335
75.584	250.6309	0.632
75.622	250.6309	0.6312
75.64	250.6309	0.632
75.648	250.6309	0.6296
75.664	250.6309	0.6289
75.682	250.6309	0.6296

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
152.88	729.1202	2.2765
152.89	729.1202	2.2765
152.9	729.1202	2.2765
152.91	729.1202	2.2765
152.91	729.1202	2.2778
152.92	729.1202	2.2778
152.93	729.1202	2.2751
152.94	729.1202	2.2765
152.95	729.1202	2.2738
152.95	729.1202	2.2778
152.96	729.1202	2.2792
152.98	734.3751	2.2792
153	741.0751	2.2832
153.13	741.0751	2.2873
153.81	741.0751	2.2967
153.99	741.0751	2.2967
154.21	741.0751	2.3008
154.45	741.0751	2.3062
154.47	741.0751	2.3075
154.5	741.0751	2.3075
154.52	741.0751	2.3089
154.54	741.0751	2.3089
154.56	741.0751	2.3089
154.57	741.0751	2.3102
154.58	741.0751	2.3102
154.6	741.0751	2.3102
154.61	741.0751	2.3102
154.62	741.0751	2.3102
154.63	741.0751	2.3116
154.65	741.0751	2.3116
154.66	741.0751	2.3129
154.69	741.0751	2.3116
154.71	741.0751	2.3102
154.82	741.0751	2.3089
154.84	741.0751	2.3062
154.86	741.0751	2.3075
154.87	741.0751	2.3075
154.89	741.0751	2.3089
154.9	741.0751	2.3075
154.91	741.0751	2.3075
154.91	741.0751	2.3035
154.92	741.0751	2.3021
154.93	741.0751	2.3048
154.93	741.0751	2.3048
154.94	741.0751	2.3021
154.95	741.0751	2.3048
154.95	741.0751	2.3035
154.96	741.0751	2.3048
154.97	741.0751	2.3062
154.98	745.0163	2.3089
154.99	751.7163	2.3116
155.24	751.7163	2.3197
155.3	751.7163	2.317
155.49	751.7163	2.317

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
148.8	740.0359	2.1428
148.8	740.0359	2.1428
148.81	740.0359	2.1442
148.82	740.0359	2.1428
148.82	740.0359	2.1442
148.83	740.0359	2.1455
148.84	740.0359	2.1482
148.84	742.3646	2.1509
148.86	746.6894	2.1496
149.99	746.8557	2.1685
150.42	746.8557	2.1806
150.43	746.8557	2.1806
150.44	746.8557	2.1806
150.45	746.8557	2.1806
150.46	746.8557	2.1806
150.47	746.8557	2.182
150.48	746.8557	2.182
150.49	746.8557	2.1833
150.5	746.8557	2.1847
150.51	746.8557	2.1833
150.52	746.8557	2.182
150.53	746.8557	2.1833
150.53	746.8557	2.186
150.54	746.8557	2.1847
150.55	746.8557	2.1847
150.56	746.8557	2.1833
150.57	746.8557	2.1847
150.58	746.8557	2.1847
150.58	746.8557	2.182
150.6	746.8557	2.1806
150.63	746.8557	2.1779
150.7	746.8557	2.1739
150.71	746.8557	2.1752
150.72	746.8557	2.1739
150.73	746.8557	2.1739
150.74	746.8557	2.1739
150.74	746.8557	2.1725
150.75	746.8557	2.1739
150.76	746.8557	2.1725
150.76	746.8557	2.1725
150.77	746.8557	2.1725
150.78	746.8557	2.1725
150.78	746.8557	2.1725
150.79	746.8557	2.1712
150.8	746.8557	2.1698
150.8	746.8557	2.1752
150.81	746.8557	2.1725
150.81	746.8557	2.1725
150.82	746.8557	2.1739
150.82	746.8557	2.1739
150.83	746.8557	2.1766
150.84	746.8557	2.1752
150.85	751.0973	2.1766
150.86	755.3389	2.1793

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
80.489	729.6377	0.7181
81.056	729.6377	0.7244
81.088	729.6377	0.7251
81.109	729.6377	0.7275
81.126	729.6377	0.7259
81.136	729.6377	0.7267
81.153	729.6377	0.7259
81.169	729.6377	0.7275
81.198	729.6377	0.7275
81.229	729.6377	0.7282
81.258	729.6377	0.7275
81.339	729.6377	0.7244
81.351	729.6377	0.7251
81.367	729.6377	0.7251
81.378	729.6377	0.7236
81.387	729.6377	0.7236
81.401	729.6377	0.7236
81.425	729.6377	0.7244
81.442	729.6377	0.722
81.459	729.6377	0.7236
81.523	729.6377	0.7267
81.577	729.6377	0.729
81.666	729.6377	0.7275
81.993	737.4218	0.7313
82.358	737.4218	0.7352
82.691	737.4218	0.7368
83.033	737.4218	0.7422
83.052	737.4218	0.7414
83.073	737.4218	0.7422
83.092	737.4218	0.7414
83.111	737.4218	0.7414
83.125	737.4218	0.7445
83.135	737.4218	0.7438
83.164	737.4218	0.7445
83.187	737.4218	0.7453
83.207	737.4218	0.7453
83.248	737.4218	0.7438
83.306	737.4218	0.7391
83.315	737.4218	0.7399
83.323	737.4218	0.7391
83.33	737.4218	0.7399
83.337	737.4218	0.7391
83.346	737.4218	0.7391
83.363	737.4218	0.7383
83.376	737.4218	0.7376
83.387	737.4218	0.7368
83.402	737.4218	0.7391
83.415	737.4218	0.7399
83.447	763.3691	0.7422
83.689	763.3691	0.7453
83.993	763.3691	0.7469
84.533	765.4449	0.7515
84.706	765.4449	0.7539
85.039	765.4449	0.7585

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
75.694	250.6309	0.6304
75.712	250.6309	0.632
75.994	259.582	0.6366
76.069	259.582	0.6382
76.13	259.582	0.6428
76.14	259.582	0.6413
76.152	259.582	0.6397
76.194	259.582	0.6421
76.275	259.582	0.6413
76.314	259.582	0.6413
76.495	259.582	0.6405
76.514	259.582	0.6382
76.527	259.582	0.6374
76.553	259.582	0.6382
76.576	259.582	0.6421
76.602	259.582	0.6382
76.625	259.582	0.6397
76.763	259.582	0.6436
76.805	259.582	0.6436
76.838	259.582	0.6436
76.943	259.582	0.6452
76.995	259.582	0.6452
77.025	259.582	0.6436
77.356	259.582	0.6506
77.367	259.582	0.6514
77.377	259.582	0.6522
77.389	259.582	0.6529
77.399	259.582	0.6529
77.417	259.582	0.6537
77.437	259.582	0.6522
77.46	259.582	0.6514
77.58	259.582	0.6491
77.61	259.582	0.6491
77.631	259.582	0.6467
77.643	259.582	0.6467
77.662	259.582	0.6444
77.675	259.582	0.6483
77.69	259.582	0.6459
77.704	259.582	0.6475
77.954	259.582	0.6568
77.974	259.582	0.6545
77.994	259.582	0.6545
78.038	259.582	0.6553
78.173	259.582	0.6537
78.202	259.582	0.6545
78.215	259.582	0.6529
78.244	272.4119	0.6568
78.353	272.4119	0.6591
78.414	272.4119	0.6599
78.545	272.4119	0.6599
78.569	272.4119	0.6607
78.598	272.4119	0.6607
78.629	272.4119	0.6607
78.676	272.4119	0.6576

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
155.8	751.7163	2.3251
155.99	752.1104	2.3264
156.07	752.1104	2.3278
156.21	752.1104	2.3305
156.45	752.1104	2.3345
156.53	752.1104	2.3359
156.57	752.1104	2.3359
156.64	752.1104	2.3372
156.73	752.1104	2.3345
156.74	752.1104	2.3332
156.76	752.1104	2.3332
156.77	752.1104	2.3345
156.8	758.8105	2.3386
157.48	758.8105	2.348
157.63	758.8105	2.3494
157.99	759.5987	2.3561
158.69	766.2987	2.3669
159.26	772.9987	2.3737
159.99	773.3929	2.3858
160.48	773.3929	2.3939
160.5	773.3929	2.3953
160.53	773.3929	2.3926
160.55	773.3929	2.3966
160.57	773.3929	2.3966
160.59	773.3929	2.3966
160.61	773.3929	2.3966
160.63	773.3929	2.3953
160.65	773.3929	2.398
160.67	773.3929	2.3953
160.71	773.3929	2.3966
160.82	773.3929	2.3953
160.84	773.3929	2.3939
160.86	773.3929	2.3953
160.88	773.3929	2.3939
160.89	773.3929	2.3926
160.9	773.3929	2.3926
160.91	773.3929	2.3926
160.92	773.3929	2.3926
160.92	773.3929	2.3926
160.93	773.3929	2.3926
160.94	773.3929	2.3926
160.95	780.0929	2.3939
160.97	786.7929	2.3966
161.03	793.6243	2.4007
161.14	793.6243	2.402
161.5	793.6243	2.4074
161.99	793.6243	2.4142
162.49	793.6243	2.4223
162.53	793.6243	2.4236
162.55	793.6243	2.425
162.58	793.6243	2.425
162.61	793.6243	2.425
162.65	793.6243	2.425
162.77	793.6243	2.4223

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
150.88	759.6637	2.1833
151.01	759.6637	2.1847
151.99	759.6637	2.1995
152.42	759.6637	2.209
152.43	759.6637	2.209
152.45	759.6637	2.2103
152.46	759.6637	2.209
152.47	759.6637	2.209
152.49	759.6637	2.2103
152.49	759.6637	2.2117
152.5	759.6637	2.2117
152.51	759.6637	2.213
152.52	759.6637	2.213
152.53	759.6637	2.213
152.54	759.6637	2.2117
152.55	759.6637	2.213
152.55	759.6637	2.2144
152.56	759.6637	2.2144
152.57	759.6637	2.213
152.58	759.6637	2.213
152.59	759.6637	2.213
152.6	759.6637	2.2117
152.61	759.6637	2.2103
152.63	759.6637	2.209
152.68	759.6637	2.2063
152.71	759.6637	2.2049
152.72	759.6637	2.2022
152.73	759.6637	2.2049
152.74	759.6637	2.2009
152.75	759.6637	2.2022
152.75	759.6637	2.2022
152.76	759.6637	2.2022
152.77	759.6637	2.2009
152.78	759.6637	2.2009
152.78	759.6637	2.1995
152.79	759.6637	2.2009
152.79	759.6637	2.1995
152.8	759.6637	2.2009
152.8	759.6637	2.1995
152.81	759.6637	2.2022
152.81	759.6637	2.2022
152.82	759.6637	2.2022
152.83	759.6637	2.2036
152.83	759.6637	2.2063
152.84	759.6637	2.2063
152.85	759.9964	2.2076
152.86	764.3212	2.2103
153.13	764.3212	2.2157
153.99	764.3212	2.2265
154.38	764.3212	2.2319
154.41	764.3212	2.236
154.42	764.3212	2.2373
154.44	764.3212	2.2373
154.45	764.3212	2.2387

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
85.06	765.4449	0.7577
85.081	765.4449	0.7585
85.11	765.4449	0.7585
85.121	765.4449	0.7601
85.133	765.4449	0.7601
85.151	765.4449	0.7601
85.173	765.4449	0.7609
85.203	765.4449	0.7609
85.233	765.4449	0.7609
85.325	765.4449	0.757
85.333	765.4449	0.7554
85.342	765.4449	0.7562
85.35	765.4449	0.7562
85.359	765.4449	0.7562
85.365	765.4449	0.7562
85.383	765.4449	0.7546
85.399	765.4449	0.7554
85.411	765.4449	0.7562
85.423	765.4449	0.7562
85.443	765.4449	0.7585
85.592	765.4449	0.7624
85.905	765.4449	0.7632
85.993	765.4449	0.764
86.511	787.2406	0.7678
87.033	787.2406	0.7733
87.058	787.2406	0.7756
87.088	787.2406	0.7748
87.111	787.2406	0.7756
87.129	787.2406	0.7756
87.14	787.2406	0.7772
87.154	787.2406	0.7772
87.18	787.2406	0.7772
87.212	787.2406	0.7787
87.234	787.2406	0.7779
87.346	787.2406	0.774
87.358	787.2406	0.7733
87.367	787.2406	0.774
87.377	787.2406	0.774
87.385	787.2406	0.7725
87.397	787.2406	0.774
87.411	787.2406	0.7717
87.428	787.2406	0.7725
87.442	787.2406	0.7725
87.46	787.2406	0.7733
87.465	787.2406	0.7733
87.504	787.2406	0.7779
87.993	795.0248	0.7803
88.52	795.0248	0.7857
88.702	795.0248	0.7865
89.047	795.0248	0.7911
89.078	795.0248	0.7919
89.118	795.0248	0.7927
89.136	795.0248	0.7919
89.156	795.0248	0.7927

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
78.693	272.4119	0.6576
78.705	272.4119	0.6584
78.721	272.4119	0.6576
78.976	272.4119	0.6623
79.04	272.4119	0.6638
79.106	272.4119	0.6615
79.157	272.4119	0.6654
79.357	272.4119	0.6677
79.376	272.4119	0.6669
79.395	272.4119	0.6677
79.408	272.4119	0.6692
79.419	272.4119	0.6692
79.448	272.4119	0.6685
79.478	272.4119	0.6692
79.519	272.4119	0.6677
79.637	272.4119	0.663
79.648	272.4119	0.6646
79.657	272.4119	0.6669
79.669	272.4119	0.663
79.685	272.4119	0.6638
79.699	272.4119	0.663
79.709	272.4119	0.6623
79.726	272.4119	0.663
79.902	272.4119	0.6716
79.92	272.4119	0.6708
79.955	272.4119	0.6708
79.992	272.4119	0.67
79.993	272.4119	0.6708
80.053	272.4119	0.6716
80.132	272.4119	0.6708
80.211	272.4119	0.6716
80.232	272.4119	0.6716
80.253	272.4119	0.6723
80.282	272.4119	0.67
80.326	284.9435	0.6716
80.38	284.9435	0.6747
80.402	284.9435	0.677
80.432	284.9435	0.6739
80.494	284.9435	0.6754
80.537	284.9435	0.6762
80.557	284.9435	0.6778
80.619	284.9435	0.6754
80.725	284.9435	0.6754
80.767	284.9435	0.6739
80.787	284.9435	0.6739
80.804	284.9435	0.6754
80.825	284.9435	0.6747
81.117	284.9435	0.6778
81.164	284.9435	0.6809
81.356	284.9435	0.684
81.376	284.9435	0.6848
81.396	284.9435	0.6848
81.416	284.9435	0.6848
81.437	284.9435	0.6848

UCS Test Results, Stage Three

S3N3-1		28 Days	S3N3-2		28 Days	S3N4-1		28 Days	S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain	Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%	Sec	kPa	%	Sec	kPa	%	Sec	kPa	%
162.78	793.6243	2.4223	154.46	764.3212	2.2387	89.169	795.0248	0.7927	81.494	284.9435	0.6848
162.8	793.6243	2.4209	154.47	764.3212	2.24	89.191	795.0248	0.7942	81.539	284.9435	0.6848
162.81	793.6243	2.4209	154.48	764.3212	2.24	89.216	795.0248	0.7927	81.658	284.9435	0.6801
162.82	793.6243	2.4196	154.49	764.3212	2.2414	89.253	795.0248	0.7942	81.667	284.9435	0.6832
162.83	793.6243	2.4196	154.5	764.3212	2.2414	89.311	795.0248	0.7927	81.684	284.9435	0.684
162.84	793.6243	2.4223	154.51	764.3212	2.2427	89.366	795.0248	0.7919	81.697	284.9435	0.6809
162.86	794.6753	2.4263	154.51	764.3212	2.2414	89.389	795.0248	0.7911	81.716	284.9435	0.6793
163.26	794.6753	2.4331	154.52	764.3212	2.2414	89.406	795.0248	0.7919	81.729	284.9435	0.6824
163.67	794.6753	2.4385	154.53	764.3212	2.2414	89.419	795.0248	0.7919	81.747	284.9435	0.6809
163.99	794.6753	2.4426	154.54	764.3212	2.2427	89.429	795.0248	0.7911	81.768	284.9435	0.6817
164.63	794.6753	2.4507	154.55	764.3212	2.2441	89.441	795.0248	0.7911	81.993	284.9435	0.6894
164.68	794.6753	2.452	154.56	764.3212	2.2427	89.458	795.0248	0.7919	82.031	284.9435	0.6871
164.73	799.4047	2.452	154.56	764.3212	2.2427	89.478	795.0248	0.7919	82.222	284.9435	0.691
165.64	806.1047	2.4669	154.57	764.3212	2.2414	89.497	795.0248	0.7896	82.245	284.9435	0.6879
165.99	806.1047	2.4709	154.58	764.3212	2.2414	89.509	795.0248	0.7919	82.278	284.9435	0.6886
166.47	806.1047	2.4804	154.59	764.3212	2.24	89.54	820.9721	0.7935	82.331	284.9435	0.6886
166.51	806.1047	2.4817	154.61	764.3212	2.2387	89.992	820.9721	0.7981	82.363	284.9435	0.6902
166.55	806.1047	2.4817	154.63	764.3212	2.2373	89.993	820.9721	0.7981	82.859	284.9435	0.6933
166.57	806.1047	2.4831	154.7	764.3212	2.2319	90.3	820.9721	0.8004	83.08	284.9435	0.6941
166.6	806.1047	2.4831	154.71	764.3212	2.2333	90.925	840.692	0.8051	83.176	284.9435	0.6995
166.64	806.1047	2.4831	154.72	764.3212	2.2306	90.931	840.692	0.8059	83.189	284.9435	0.6972
166.67	806.1047	2.4817	154.73	764.3212	2.2319	90.989	840.692	0.8067	83.239	284.9435	0.6995
166.78	806.1047	2.4804	154.74	764.3212	2.2292	91.021	840.692	0.8082	83.355	284.9435	0.7011
166.79	806.1047	2.4804	154.74	764.3212	2.2319	91.033	840.692	0.8082	83.375	284.9435	0.7018
166.8	806.1047	2.479	154.75	764.3212	2.2292	91.055	840.692	0.809	83.4	284.9435	0.7011
166.81	806.1047	2.4804	154.76	764.3212	2.2292	91.074	840.692	0.809	83.433	284.9435	0.7018
166.83	806.1047	2.4777	154.76	764.3212	2.2306	91.093	840.692	0.809	83.476	284.9435	0.7011
166.84	806.1047	2.4777	154.77	764.3212	2.2279	91.11	840.692	0.8105	83.603	284.9435	0.6995
166.85	806.1047	2.4804	154.78	764.3212	2.2279	91.121	840.692	0.809	83.63	284.9435	0.6964
166.86	812.8048	2.4817	154.78	764.3212	2.2279	91.136	840.692	0.8105	83.642	284.9435	0.6949
166.88	819.5048	2.4831	154.79	764.3212	2.2292	91.165	840.692	0.8105	83.65	284.9435	0.698
167.93	819.5048	2.4993	154.79	764.3212	2.2279	91.19	840.692	0.8121	83.663	284.9435	0.6964
167.99	819.5048	2.5006	154.8	764.3212	2.2292	91.215	840.692	0.8098	83.674	284.9435	0.6987
168.13	819.5048	2.5033	154.8	764.3212	2.2265	91.301	840.692	0.8059	83.689	284.9435	0.6956
168.47	819.5048	2.5087	154.81	764.3212	2.2306	91.31	840.692	0.8067	83.704	284.9435	0.6987
168.53	819.5048	2.5101	154.81	764.3212	2.2279	91.316	840.692	0.8051	83.755	284.9435	0.7011
168.57	819.5048	2.5101	154.82	764.3212	2.2319	91.323	840.692	0.8059	83.822	284.9435	0.705
168.61	819.5048	2.5114	154.82	764.3212	2.2306	91.33	840.692	0.8059	83.843	284.9435	0.7018
168.66	819.5048	2.5087	154.83	764.3212	2.2333	91.336	840.692	0.8051	83.902	284.9435	0.7026
168.73	819.5048	2.5101	154.84	764.3212	2.236	91.344	840.692	0.8043	83.928	284.9435	0.705
168.74	819.5048	2.5074	154.84	767.4816	2.2373	91.361	840.692	0.8051	83.962	284.9435	0.7011
168.76	819.5048	2.5074	154.87	771.8064	2.2387	91.373	840.692	0.8051	83.993	284.9435	0.7026
168.77	819.5048	2.5087	155.01	771.8064	2.2441	91.384	840.692	0.8051	84.019	284.9435	0.7034
168.79	819.5048	2.5101	155.92	771.8064	2.2549	91.397	840.692	0.8051	84.072	284.9435	0.7034
168.82	819.5048	2.5128	155.93	771.8064	2.2549	91.415	840.692	0.8082	84.109	284.9435	0.7065
169.99	819.5048	2.529	155.93	771.8064	2.2549	91.663	840.692	0.8121	84.121	284.9435	0.7073
170.72	820.9499	2.5384	155.93	771.8064	2.2549	91.84	840.692	0.8144	84.162	284.9435	0.7073
170.76	827.6499	2.5398	155.93	771.8064	2.2549	91.992	840.692	0.8144	84.182	284.9435	0.7057
171.11	827.6499	2.5465	155.94	771.8064	2.2549	92.401	842.7678	0.8175	84.242	284.9435	0.7081
171.23	827.6499	2.5465	155.96	771.8064	2.2576	92.621	842.7678	0.8206	84.357	284.9435	0.7073
171.92	834.3499	2.556	155.98	771.8064	2.2562	92.749	842.7678	0.8199	84.411	284.9435	0.7057
171.99	834.3499	2.5573	155.99	771.8064	2.2576	93.048	842.7678	0.8237	84.432	284.9435	0.7065
172.33	837.897	2.5641	156.01	771.8064	2.2576	93.069	842.7678	0.8245	84.455	284.9435	0.7057
172.45	837.897	2.5668	156.05	771.8064	2.2576	93.09	842.7678	0.8245	84.495	284.9435	0.705

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
172.49	837.897	2.5681
172.53	837.897	2.5668
172.56	837.897	2.5681
172.6	837.897	2.5695
172.63	837.897	2.5708
172.66	837.897	2.5695
172.76	837.897	2.5681
172.77	837.897	2.5668
172.79	837.897	2.5668
172.8	837.897	2.5654
172.81	837.897	2.5654
172.83	837.897	2.5668
172.84	837.897	2.5668
172.86	844.597	2.5722
173.99	846.699	2.587
174.47	846.699	2.5965
174.5	846.699	2.5978
174.52	846.699	2.5978
174.54	846.699	2.5992
174.56	846.699	2.5992
174.57	846.699	2.5992
174.59	846.699	2.6005
174.6	846.699	2.6005
174.62	846.699	2.6005
174.63	846.699	2.6005
174.65	846.699	2.6005
174.66	846.699	2.5965
174.69	846.699	2.6032
174.7	846.699	2.6019
174.72	846.699	2.5992
174.84	846.699	2.5978
174.86	846.699	2.5978
174.87	846.699	2.5992
174.89	846.699	2.5965
174.9	846.699	2.5965
174.91	846.699	2.5951
174.92	846.699	2.5951
174.93	846.699	2.5951
174.93	846.699	2.5951
174.94	846.699	2.5951
174.95	846.699	2.5938
174.96	846.699	2.5951
174.96	846.699	2.5965
174.97	846.699	2.5951
174.98	846.699	2.5951
174.99	853.399	2.5978
175	860.0991	2.5992
175.39	860.0991	2.6086
175.88	860.0991	2.6154
175.97	860.0991	2.6167
175.99	860.0991	2.6167
176.73	860.0991	2.6262
177.28	866.5363	2.6356
177.99	866.5363	2.6451

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
156.29	771.8064	2.2589
156.42	771.8064	2.2657
156.44	771.8064	2.267
156.46	771.8064	2.2684
156.47	771.8064	2.2684
156.49	771.8064	2.267
156.5	771.8064	2.2684
156.51	771.8064	2.2684
156.52	771.8064	2.2697
156.53	771.8064	2.2697
156.54	771.8064	2.2697
156.55	771.8064	2.2711
156.56	771.8064	2.2711
156.57	771.8064	2.2711
156.59	771.8064	2.2711
156.6	771.8064	2.2711
156.61	771.8064	2.2711
156.62	771.8064	2.2697
156.63	771.8064	2.2684
156.65	771.8064	2.2643
156.72	771.8064	2.263
156.73	771.8064	2.2616
156.74	771.8064	2.2616
156.75	771.8064	2.263
156.76	771.8064	2.263
156.77	771.8064	2.2616
156.78	771.8064	2.2616
156.79	771.8064	2.2589
156.79	771.8064	2.2616
156.8	771.8064	2.2603
156.81	771.8064	2.2603
156.82	771.8064	2.2576
156.82	771.8064	2.2603
156.83	771.8064	2.2589
156.83	771.8064	2.2603
156.84	771.8064	2.2589
156.85	771.8064	2.2603
156.85	771.8064	2.2603
156.86	771.8064	2.2616
156.86	771.8064	2.263
156.87	771.8064	2.2657
156.89	771.8064	2.2684
157.12	771.8064	2.2738
157.21	771.8064	2.2738
157.53	771.8064	2.2792
157.9	771.8064	2.2832
157.99	771.8064	2.2859
158.44	771.8064	2.294
158.46	771.8064	2.2967
158.48	771.8064	2.2954
158.5	771.8064	2.2967
158.51	771.8064	2.2981
158.52	771.8064	2.2967
158.54	771.8064	2.2967

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
93.111	842.7678	0.8268
93.122	842.7678	0.8268
93.131	842.7678	0.8268
93.142	842.7678	0.8268
93.153	842.7678	0.8268
93.183	842.7678	0.8276
93.211	842.7678	0.8276
93.234	842.7678	0.8268
93.322	842.7678	0.823
93.334	842.7678	0.823
93.341	842.7678	0.8237
93.352	842.7678	0.8222
93.361	842.7678	0.8237
93.37	842.7678	0.8237
93.38	842.7678	0.823
93.4	842.7678	0.8222
93.412	842.7678	0.8222
93.423	842.7678	0.8237
93.441	842.7678	0.8237
93.448	842.7678	0.8245
93.466	842.7678	0.8261
93.992	854.7036	0.8323
94.329	854.7036	0.8338
94.582	854.7036	0.8354
95.038	854.7036	0.8416
95.067	854.7036	0.8416
95.087	854.7036	0.8424
95.107	854.7036	0.8424
95.118	854.7036	0.8431
95.129	854.7036	0.8431
95.144	854.7036	0.8431
95.153	854.7036	0.8431
95.171	854.7036	0.8439
95.201	854.7036	0.8447
95.23	854.7036	0.8439
95.285	854.7036	0.8424
95.309	854.7036	0.8408
95.321	854.7036	0.8408
95.335	854.7036	0.8408
95.34	854.7036	0.84
95.35	854.7036	0.84
95.359	854.7036	0.8393
95.369	854.7036	0.8393
95.379	854.7036	0.8393
95.395	854.7036	0.8393
95.409	854.7036	0.8393
95.421	854.7036	0.8393
95.438	854.7036	0.84
95.986	882.7266	0.8478
95.992	882.7266	0.8486
96.39	882.7266	0.8517
96.661	882.7266	0.8532
97.027	882.7266	0.8579
97.047	882.7266	0.8579

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
84.515	284.9435	0.7057
84.544	284.9435	0.7065
85.062	284.9435	0.7119
85.14	284.9435	0.7112
85.228	284.9435	0.7166
85.247	284.9435	0.7174
85.266	284.9435	0.7174
85.277	284.9435	0.715
85.329	284.9435	0.7189
85.35	284.9435	0.7197
85.372	284.9435	0.7197
85.397	284.9435	0.7181
85.527	284.9435	0.7158
85.549	284.9435	0.7143
85.568	284.9435	0.7158
85.588	284.9435	0.7127
85.606	284.9435	0.7135
85.619	284.9435	0.7143
85.638	284.9435	0.7143
85.652	284.9435	0.7127
85.683	294.1929	0.7174
85.737	294.1929	0.7189
85.776	294.1929	0.7174
85.836	294.1929	0.7158
85.907	294.1929	0.7197
85.972	294.1929	0.7197
85.993	294.1929	0.7205
86.015	294.1929	0.7205
86.042	294.1929	0.7197
86.07	294.1929	0.7228
86.345	296.2815	0.7259
86.389	296.2815	0.7259
86.401	296.2815	0.7259
86.413	296.2815	0.7244
86.498	296.2815	0.7275
86.516	296.2815	0.7275
86.683	296.2815	0.7259
86.703	296.2815	0.7236
86.715	296.2815	0.7244
86.725	296.2815	0.7236
86.764	296.2815	0.7259
87.122	296.2815	0.7298
87.17	296.2815	0.7306
87.275	296.2815	0.7329
87.292	296.2815	0.7306
87.346	296.2815	0.7352
87.357	296.2815	0.7352
87.373	296.2815	0.7345
87.387	296.2815	0.7352
87.41	296.2815	0.7368
87.436	296.2815	0.7352
87.479	296.2815	0.7337
87.564	296.2815	0.7337
87.598	296.2815	0.7306

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
178.52	866.5363	2.6545
178.6	866.5363	2.6545
178.68	866.5363	2.6545
178.71	866.5363	2.6532
178.73	872.7109	2.6559
178.96	879.4109	2.6599
178.97	886.1109	2.6626
178.99	886.1109	2.6653
179	886.1109	2.664
179.01	886.1109	2.664
179.03	886.1109	2.6653
179.04	886.1109	2.6653
179.05	886.1109	2.6653
179.06	886.1109	2.668
179.07	886.1109	2.6653
179.07	886.1109	2.668
179.08	886.1109	2.6667
179.09	886.1109	2.668
179.1	886.1109	2.668
179.11	886.1109	2.6667
179.11	886.1109	2.668
179.12	886.1109	2.668
179.13	886.1109	2.6667
179.15	886.1109	2.6667
179.15	886.1109	2.6667
179.17	886.1109	2.6653
179.19	886.1109	2.664
179.34	886.1109	2.6626
179.36	886.1109	2.6613
179.38	886.1109	2.664
179.39	886.1109	2.6626
179.4	886.1109	2.6613
179.41	886.1109	2.6613
179.42	886.1109	2.6613
179.43	886.1109	2.6613
179.44	886.1109	2.6599
179.44	886.1109	2.6586
179.45	886.1109	2.6599
179.46	886.1109	2.6586
179.46	886.1109	2.6599
179.47	886.1109	2.6586
179.47	886.1109	2.6599
179.48	886.1109	2.6613
179.49	886.1109	2.6613
179.5	886.1109	2.6613
179.5	886.1109	2.6653
179.52	886.1109	2.6667
179.86	886.1109	2.6734
179.99	886.1109	2.6748
180.51	886.1109	2.6829
180.57	886.1109	2.6856
180.7	886.1109	2.6815
180.72	886.1109	2.6842
181.33	886.1109	2.6937

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
158.55	771.8064	2.2981
158.56	771.8064	2.2981
158.57	771.8064	2.2994
158.59	771.8064	2.2994
158.6	771.8064	2.2994
158.61	771.8064	2.2994
158.62	771.8064	2.2994
158.63	771.8064	2.2994
158.64	771.8064	2.2967
158.66	771.8064	2.2954
158.68	771.8064	2.2967
158.75	771.8064	2.2954
158.76	771.8064	2.2913
158.78	771.8064	2.2927
158.79	771.8064	2.294
158.8	771.8064	2.2927
158.81	771.8064	2.2927
158.82	771.8064	2.2913
158.83	771.8064	2.29
158.83	771.8064	2.29
158.84	771.8064	2.29
158.85	771.8064	2.29
158.86	771.8064	2.29
158.86	771.8064	2.2886
158.87	771.8064	2.29
158.88	771.8064	2.29
158.88	771.8064	2.2913
158.89	771.8064	2.29
158.89	771.8064	2.2913
158.9	771.8064	2.2927
158.91	771.8064	2.294
158.92	771.8064	2.2967
158.97	771.8064	2.2994
159.87	771.8064	2.3143
159.99	771.8064	2.3143
160.42	771.8064	2.3251
160.43	771.8064	2.3237
160.45	771.8064	2.3237
160.46	771.8064	2.3251
160.48	771.8064	2.3264
160.49	771.8064	2.3278
160.5	771.8064	2.3278
160.51	771.8064	2.3278
160.52	771.8064	2.3278
160.53	771.8064	2.3278
160.54	771.8064	2.3278
160.55	771.8064	2.3278
160.55	771.8064	2.3291
160.56	771.8064	2.3305
160.57	771.8064	2.3291
160.58	771.8064	2.3278
160.59	771.8064	2.3291
160.6	771.8064	2.3278
160.61	771.8064	2.3264

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.066	882.7266	0.8579
97.084	882.7266	0.8587
97.095	882.7266	0.8579
97.108	882.7266	0.861
97.12	882.7266	0.861
97.128	882.7266	0.8602
97.133	882.7266	0.8618
97.143	882.7266	0.8618
97.157	882.7266	0.861
97.177	882.7266	0.8602
97.221	882.7266	0.8579
97.264	882.7266	0.8556
97.272	882.7266	0.8571
97.278	882.7266	0.8579
97.296	882.7266	0.8548
97.309	882.7266	0.8556
97.316	882.7266	0.8548
97.324	882.7266	0.8556
97.329	882.7266	0.8548
97.345	882.7266	0.8548
97.354	882.7266	0.854
97.366	882.7266	0.8548
97.376	882.7266	0.8548
97.388	882.7266	0.8563
97.491	900.3708	0.8602
97.688	900.3708	0.8618
97.992	900.3708	0.8649
98.29	900.3708	0.8664
98.56	900.3708	0.8703
98.875	900.3708	0.8719
99.042	900.3708	0.8742
99.102	900.3708	0.8758
99.116	900.3708	0.8765
99.135	900.3708	0.8765
99.156	900.3708	0.8758
99.176	900.3708	0.8758
99.196	900.3708	0.8765
99.21	900.3708	0.8758
99.236	900.3708	0.8765
99.298	900.3708	0.875
99.332	900.3708	0.875
99.346	900.3708	0.8742
99.357	900.3708	0.8742
99.368	900.3708	0.8758
99.378	900.3708	0.8734
99.388	900.3708	0.8734
99.396	900.3708	0.8726
99.406	900.3708	0.8742
99.415	900.3708	0.8734
99.444	900.3708	0.875
99.678	900.3708	0.8789
99.857	900.3708	0.8796
99.992	902.4466	0.8812
100.67	928.3939	0.8866

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
87.612	296.2815	0.7321
87.627	296.2815	0.7321
87.647	296.2815	0.729
87.66	296.2815	0.7275
87.67	296.2815	0.729
87.683	296.2815	0.7298
87.7	296.2815	0.7321
87.762	311.2	0.7391
87.777	311.2	0.7352
87.806	311.2	0.7368
87.891	311.2	0.736
87.993	311.2	0.7383
88.029	311.2	0.7352
88.049	311.2	0.736
88.191	314.7805	0.7383
88.267	314.7805	0.7399
88.299	314.7805	0.7407
88.327	314.7805	0.7399
88.498	314.7805	0.7407
88.518	314.7805	0.7391
88.58	314.7805	0.7414
88.66	314.7805	0.743
88.928	314.7805	0.7445
89.019	314.7805	0.7461
89.155	314.7805	0.7445
89.281	314.7805	0.7477
89.344	314.7805	0.7508
89.362	314.7805	0.75
89.376	314.7805	0.7523
89.394	314.7805	0.7508
89.405	314.7805	0.7523
89.424	314.7805	0.7508
89.455	314.7805	0.7523
89.486	314.7805	0.7523
89.625	314.7805	0.7461
89.635	314.7805	0.7484
89.646	314.7805	0.7492
89.665	314.7805	0.7469
89.674	314.7805	0.7469
89.688	314.7805	0.7453
89.699	314.7805	0.7477
89.715	314.7805	0.7469
89.736	314.7805	0.7484
89.936	314.7805	0.7546
89.948	314.7805	0.7554
89.979	314.7805	0.757
89.993	314.7805	0.7554
90.061	314.7805	0.7539
90.13	314.7805	0.7546
90.158	314.7805	0.7539
90.197	314.7805	0.7539
90.212	314.7805	0.7531
90.238	318.0625	0.7554
90.266	318.0625	0.7577

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.74	886.1109	2.6991
181.99	886.1109	2.7045
182.49	886.1109	2.7126
182.61	886.1109	2.7126
182.66	886.1109	2.7099
182.68	886.1109	2.7139
182.74	888.8697	2.7153
183.99	893.205	2.7315
184.43	893.205	2.741
184.66	893.205	2.7423
184.74	899.7737	2.7437
185.98	902.4012	2.7612
186.34	909.1012	2.7666
186.45	909.1012	2.7693
186.54	909.1012	2.7707
186.67	909.1012	2.7707
186.72	909.1012	2.7707
186.76	915.8012	2.7734
186.85	915.8012	2.7747
187.22	915.8012	2.7788
187.98	915.8012	2.7909
188.28	921.8444	2.795
188.47	921.8444	2.7963
188.67	921.8444	2.8017
188.84	928.5444	2.8031
188.95	928.5444	2.8031
189.18	928.5444	2.8085
189.98	932.4856	2.8193
190.44	932.4856	2.8274
190.51	932.4856	2.8274
190.56	932.4856	2.8287
190.7	932.4856	2.8274
190.72	932.4856	2.826
190.73	932.4856	2.8274
190.76	939.0542	2.8301
191.98	942.4699	2.849
192.47	942.4699	2.8571
192.51	942.4699	2.8571
192.54	942.4699	2.8584
192.57	942.4699	2.8584
192.63	942.4699	2.8598
192.73	942.4699	2.8571
192.74	942.4699	2.8557
192.76	942.4699	2.8557
192.77	942.4699	2.8544
192.78	942.4699	2.8557
192.8	949.1699	2.8584
192.87	955.87	2.8611
193.53	955.87	2.8706
193.94	955.87	2.8773
193.98	955.87	2.8787
194.66	959.2857	2.8881
195.98	962.7014	2.907
196.5	962.7014	2.9151

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
160.62	771.8064	2.3251
160.7	771.8064	2.321
160.71	771.8064	2.3224
160.73	771.8064	2.3197
160.74	771.8064	2.3197
160.75	771.8064	2.3197
160.76	771.8064	2.3197
160.76	771.8064	2.3197
160.77	771.8064	2.317
160.78	771.8064	2.317
160.78	771.8064	2.3183
160.79	771.8064	2.3156
160.8	771.8064	2.317
160.8	771.8064	2.3156
160.81	771.8064	2.3156
160.81	771.8064	2.3156
160.82	771.8064	2.3183
160.82	771.8064	2.317
160.83	771.8064	2.3197
160.83	771.8064	2.3183
160.84	771.8064	2.3197
160.85	771.8064	2.3237
160.86	771.8064	2.3251
160.88	775.9648	2.3251
161.99	776.9628	2.3426
162.21	781.2876	2.3467
162.41	781.2876	2.3521
162.43	781.2876	2.3548
162.44	781.2876	2.3548
162.45	781.2876	2.3548
162.46	781.2876	2.3548
162.47	781.2876	2.3561
162.48	781.2876	2.3561
162.49	781.2876	2.3561
162.5	781.2876	2.3575
162.51	781.2876	2.3575
162.51	781.2876	2.3575
162.52	781.2876	2.3575
162.53	781.2876	2.3575
162.54	781.2876	2.3588
162.55	781.2876	2.3588
162.55	781.2876	2.3588
162.56	781.2876	2.3588
162.57	781.2876	2.3588
162.58	781.2876	2.3561
162.59	781.2876	2.3561
162.6	781.2876	2.3561
162.62	781.2876	2.3521
162.68	781.2876	2.348
162.7	781.2876	2.3467
162.71	781.2876	2.348
162.72	781.2876	2.3467
162.73	781.2876	2.3467
162.73	781.2876	2.3453

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
100.76	928.3939	0.8882
100.8	928.3939	0.889
101.06	928.3939	0.8913
101.12	928.3939	0.8921
101.14	928.3939	0.8921
101.16	928.3939	0.8921
101.18	928.3939	0.8928
101.21	928.3939	0.8928
101.23	928.3939	0.8928
101.33	928.3939	0.8921
101.34	928.3939	0.8905
101.35	928.3939	0.8897
101.36	928.3939	0.8905
101.37	928.3939	0.8905
101.38	928.3939	0.8905
101.39	928.3939	0.8913
101.42	928.3939	0.8921
101.84	928.3939	0.8967
101.99	928.3939	0.8983
102.59	928.3939	0.9029
103.02	928.3939	0.9076
103.04	928.3939	0.9076
103.06	928.3939	0.9084
103.08	928.3939	0.9091
103.1	928.3939	0.9091
103.11	928.3939	0.9091
103.12	928.3939	0.9099
103.13	928.3939	0.9107
103.14	928.3939	0.9099
103.16	928.3939	0.9099
103.19	928.3939	0.9115
103.21	928.3939	0.9107
103.24	928.3939	0.9091
103.27	928.3939	0.9076
103.29	928.3939	0.9084
103.31	928.3939	0.906
103.32	928.3939	0.9076
103.33	928.3939	0.906
103.33	928.3939	0.906
103.34	928.3939	0.9045
103.35	928.3939	0.906
103.36	928.3939	0.9053
103.37	928.3939	0.9053
103.39	928.3939	0.9053
103.4	928.3939	0.906
103.41	928.3939	0.906
103.41	928.3939	0.9068
103.43	928.3939	0.9099
103.99	928.3939	0.9138
104.08	928.3939	0.9153
104.23	928.3939	0.9169
105.03	928.3939	0.9239
105.08	928.3939	0.9247
105.1	928.3939	0.9254

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
90.33	318.0625	0.7546
90.377	318.0625	0.7554
90.413	318.0625	0.7562
90.582	318.0625	0.7585
90.637	318.0625	0.7593
90.744	318.0625	0.7577
90.773	318.0625	0.7585
91.33	318.0625	0.7671
91.342	318.0625	0.7678
91.359	318.0625	0.7678
91.371	318.0625	0.7686
91.382	318.0625	0.7686
91.398	318.0625	0.7686
91.412	318.0625	0.7686
91.439	318.0625	0.7678
91.461	318.0625	0.7686
91.592	318.0625	0.7655
91.614	318.0625	0.7624
91.625	318.0625	0.7624
91.633	318.0625	0.7624
91.643	318.0625	0.7624
91.654	318.0625	0.7616
91.667	318.0625	0.7647
91.68	318.0625	0.7647
91.695	318.0625	0.764
91.77	318.0625	0.7686
91.878	318.0625	0.7709
91.992	327.312	0.7702
92.024	327.312	0.774
92.036	327.312	0.7725
92.046	327.312	0.7725
92.059	327.312	0.7725
92.082	327.312	0.7756
92.098	327.312	0.7725
92.13	327.312	0.7733
92.179	327.312	0.7733
92.233	327.312	0.7733
92.387	327.312	0.7725
92.415	327.312	0.7733
92.443	327.312	0.7717
92.454	327.312	0.7709
92.469	327.312	0.7717
92.477	327.312	0.7709
92.488	327.312	0.7702
92.497	327.312	0.7686
92.511	327.312	0.7709
92.525	327.312	0.7702
92.553	327.312	0.774
92.664	327.312	0.7795
92.684	327.312	0.7772
92.724	327.312	0.7787
92.757	327.312	0.7795
92.887	327.312	0.7779
92.934	327.312	0.7764

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
196.57	962.7014	2.9151
196.69	962.7014	2.9124
196.71	962.7014	2.9138
196.72	969.27	2.9165
196.8	976.1014	2.9178
197.98	976.1014	2.934
198.46	976.1014	2.9421
198.73	976.1014	2.9462
199.72	980.9622	2.9597
199.98	983.721	2.9651
200.72	990.2897	2.9745
201.98	991.0779	2.9934
202.49	991.0779	3.0029
202.65	991.0779	3.0029
202.91	997.6466	3.0069
203.9	997.6466	3.0218
203.98	997.6466	3.0218
204.27	1003.296	3.0272
204.38	1003.296	3.0285
204.54	1003.296	3.0299
204.61	1003.296	3.0312
204.67	1003.296	3.0339
205.98	1006.186	3.0529
206.61	1006.186	3.0596
206.66	1006.186	3.061
206.84	1006.186	3.065
206.98	1006.186	3.0664
207.15	1006.186	3.0691
207.22	1006.186	3.0691
207.65	1006.186	3.0758
207.98	1006.186	3.0799
208.52	1006.186	3.0893
208.67	1006.186	3.088
208.7	1006.186	3.0893
209.98	1006.186	3.1109
210.49	1006.186	3.1177
210.65	1006.186	3.1177
210.71	1006.186	3.119
211.27	1011.572	3.1285
211.34	1011.572	3.1298
211.98	1011.572	3.1379
212.7	1011.572	3.1501
213.67	1013.543	3.1622
213.98	1013.543	3.1663
214.46	1013.543	3.1757
214.52	1013.543	3.1757
214.65	1013.543	3.1744
214.69	1013.543	3.1744
214.73	1018.798	3.1757
215.32	1018.798	3.1865
215.37	1018.798	3.1865
215.98	1021.294	3.196
216.46	1021.294	3.2041
216.52	1021.294	3.2054

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
162.74	781.2876	2.3453
162.75	781.2876	2.3467
162.75	781.2876	2.3453
162.76	781.2876	2.344
162.76	781.2876	2.3453
162.77	781.2876	2.3453
162.78	781.2876	2.3453
162.78	781.2876	2.344
162.79	781.2876	2.3453
162.79	781.2876	2.344
162.8	781.2876	2.3453
162.8	781.2876	2.3453
162.81	781.2876	2.3467
162.81	781.2876	2.3467
162.82	781.2876	2.348
162.83	781.2876	2.3507
162.83	785.5292	2.3521
162.85	789.7708	2.3561
163.3	789.7708	2.3615
163.57	789.7708	2.3656
163.99	790.2698	2.3723
164.42	790.2698	2.3791
164.45	790.2698	2.3791
164.48	790.2698	2.3831
164.5	790.2698	2.3818
164.52	790.2698	2.3831
164.53	790.2698	2.3831
164.55	790.2698	2.3845
164.57	790.2698	2.3845
164.58	790.2698	2.3845
164.59	790.2698	2.3845
164.61	790.2698	2.3858
164.62	790.2698	2.3858
164.63	790.2698	2.3872
164.64	790.2698	2.3818
164.67	790.2698	2.3872
164.68	790.2698	2.3858
164.69	790.2698	2.3831
164.87	790.2698	2.3831
164.89	790.2698	2.3831
164.91	790.2698	2.3831
164.93	790.2698	2.3831
164.94	790.2698	2.3818
164.95	790.2698	2.3818
164.96	790.2698	2.3818
164.96	790.2698	2.3804
164.97	790.2698	2.3791
164.98	790.2698	2.3804
164.99	790.2698	2.3804
165	790.2698	2.3791
165	790.2698	2.3777
165.01	790.2698	2.3777
165.02	790.2698	2.3791
165.02	790.2698	2.3804

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
105.12	928.3939	0.9254
105.14	928.3939	0.9262
105.15	928.3939	0.9262
105.16	928.3939	0.9262
105.18	928.3939	0.9262
105.19	928.3939	0.9262
105.22	928.3939	0.9278
105.24	928.3939	0.9285
105.29	928.3939	0.927
105.34	928.3939	0.9254
105.37	928.3939	0.9247
105.39	928.3939	0.9254
105.4	928.3939	0.9239
105.41	928.3939	0.9247
105.42	928.3939	0.9247
105.43	928.3939	0.9239
105.44	928.3939	0.9239
105.45	928.3939	0.9231
105.47	928.3939	0.9231
105.48	928.3939	0.9231
105.49	928.3939	0.9231
105.51	951.7464	0.9262
105.66	951.7464	0.9293
105.99	951.7464	0.9317
106.6	951.7464	0.9363
106.69	951.7464	0.9371
107.05	951.7464	0.941
107.1	951.7464	0.941
107.12	951.7464	0.941
107.15	951.7464	0.9417
107.17	951.7464	0.9425
107.19	951.7464	0.9433
107.21	951.7464	0.9433
107.24	951.7464	0.9425
107.32	951.7464	0.941
107.34	951.7464	0.9402
107.34	951.7464	0.941
107.35	951.7464	0.9402
107.36	951.7464	0.9402
107.37	951.7464	0.9402
107.38	951.7464	0.9402
107.39	951.7464	0.9394
107.43	969.3906	0.9425
107.77	969.3906	0.9464
107.99	969.3906	0.948
108.79	983.4021	0.9542
108.8	983.4021	0.9549
109.02	983.4021	0.9573
109.1	983.4021	0.9588
109.11	983.4021	0.9588
109.13	983.4021	0.9588
109.15	983.4021	0.9604
109.16	983.4021	0.9588
109.18	983.4021	0.9588

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
93.005	327.312	0.7764
93.017	327.312	0.7764
93.035	327.312	0.7764
93.057	327.312	0.7779
93.217	327.312	0.7818
93.234	327.312	0.781
93.297	327.312	0.7818
93.337	327.312	0.7849
93.348	327.312	0.7849
93.36	327.312	0.7849
93.377	327.312	0.7849
93.397	327.312	0.7857
93.419	327.312	0.7849
93.441	327.312	0.7841
93.569	327.312	0.7818
93.59	327.312	0.7818
93.61	327.312	0.7803
93.623	327.312	0.7795
93.63	327.312	0.7818
93.642	327.312	0.781
93.659	327.312	0.7803
93.671	327.312	0.7787
93.683	327.312	0.7795
93.712	327.312	0.7826
93.777	327.312	0.7849
93.886	327.312	0.7841
93.985	327.312	0.7904
93.992	327.312	0.788
94.004	327.312	0.7911
94.026	327.312	0.7904
94.055	327.312	0.7888
94.087	327.312	0.7896
94.119	327.312	0.788
94.236	327.312	0.7896
94.276	327.312	0.7865
94.291	327.312	0.7872
94.306	327.312	0.7888
94.327	327.312	0.7896
94.347	329.699	0.7872
94.476	329.699	0.7911
94.52	329.699	0.7927
94.64	329.699	0.7919
94.696	329.699	0.7911
94.978	329.699	0.7973
94.997	329.699	0.7958
95.053	329.699	0.795
95.074	329.699	0.7935
95.327	329.699	0.8012
95.347	329.699	0.8012
95.366	329.699	0.8004
95.385	329.699	0.8004
95.399	329.699	0.8012
95.425	329.699	0.8012
95.447	329.699	0.8012

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
216.69	1021.294	3.2014
216.71	1021.294	3.2054
216.75	1027.862	3.2068
217.98	1029.833	3.2257
218.58	1029.833	3.2351
218.68	1029.833	3.2324
218.71	1036.533	3.2351
219.98	1040.343	3.2554
220.72	1046.911	3.2648
221.98	1046.911	3.2824
222.3	1050.721	3.2878
222.44	1050.721	3.2905
222.72	1050.721	3.2932
223.98	1053.217	3.3121
224.27	1059.917	3.3148
224.49	1059.917	3.3202
224.68	1059.917	3.3202
225.8	1066.749	3.3377
225.98	1066.749	3.3418
226.52	1066.749	3.3499
226.68	1066.749	3.3499
227.98	1066.749	3.3702
228.45	1066.749	3.3783
228.69	1066.749	3.3783
229.98	1066.749	3.3985
230.54	1066.749	3.408
230.71	1066.749	3.408
230.84	1071.347	3.4107
231.98	1071.61	3.4282
232.47	1071.61	3.4363
232.65	1071.61	3.4363
233.35	1078.047	3.4485
233.43	1078.047	3.4498
233.98	1078.047	3.4579
234.52	1078.047	3.466
234.65	1078.047	3.466
235	1081.331	3.4714
235.98	1083.039	3.4863
236.43	1083.039	3.4944
236.47	1083.039	3.4944
236.5	1083.039	3.4971
236.53	1083.039	3.4971
236.56	1083.039	3.4971
236.58	1083.039	3.4984
236.62	1083.039	3.4957
236.77	1083.039	3.4944
236.79	1083.039	3.4944
236.8	1083.039	3.493
236.82	1083.039	3.493
236.83	1083.039	3.493
236.84	1083.039	3.493
236.85	1083.039	3.4944
236.87	1089.608	3.4957
236.92	1096.308	3.4998

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
165.03	790.2698	2.3804
165.04	794.4283	2.3831
165.05	798.7531	2.3831
165.06	802.9947	2.3858
165.59	802.9947	2.3953
165.99	802.9947	2.4007
166.4	802.9947	2.4088
166.43	802.9947	2.4101
166.45	802.9947	2.4101
166.48	802.9947	2.4115
166.5	802.9947	2.4115
166.52	802.9947	2.4101
166.53	802.9947	2.4142
166.54	802.9947	2.4128
166.55	802.9947	2.4142
166.57	802.9947	2.4128
166.58	802.9947	2.4142
166.59	802.9947	2.4142
166.6	802.9947	2.4142
166.61	802.9947	2.4155
166.63	802.9947	2.4142
166.64	802.9947	2.4115
166.67	802.9947	2.4169
166.68	802.9947	2.4115
166.71	802.9947	2.4128
166.8	802.9947	2.4115
166.83	802.9947	2.4101
166.85	802.9947	2.4115
166.86	802.9947	2.4101
166.88	802.9947	2.4101
166.89	802.9947	2.4088
166.9	802.9947	2.4088
166.91	802.9947	2.4088
166.92	802.9947	2.4088
166.93	802.9947	2.4074
166.93	802.9947	2.4074
166.94	802.9947	2.4088
166.95	802.9947	2.4074
166.96	802.9947	2.4074
166.96	802.9947	2.4074
166.97	802.9947	2.4074
166.98	802.9947	2.4088
166.98	802.9947	2.4101
166.99	802.9947	2.4115
167	806.4878	2.4115
167.02	810.8125	2.4142
167.04	815.0541	2.4169
167.18	815.0541	2.4182
167.68	815.0541	2.425
167.99	815.0541	2.4304
168.43	815.0541	2.4385
168.46	815.0541	2.4399
168.47	815.0541	2.4399
168.49	815.0541	2.4426

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
109.2	983.4021	0.9596
109.23	983.4021	0.9596
109.32	983.4021	0.9588
109.34	983.4021	0.9573
109.35	983.4021	0.9581
109.36	983.4021	0.9565
109.37	983.4021	0.9573
109.37	983.4021	0.9565
109.38	983.4021	0.9565
109.39	983.4021	0.9573
109.41	983.4021	0.9581
109.44	983.4021	0.9596
109.92	983.4021	0.9635
109.99	983.4021	0.9643
110.45	985.4779	0.9674
110.88	985.4779	0.9728
111.04	985.4779	0.9744
111.08	985.4779	0.9744
111.11	985.4779	0.9767
111.12	985.4779	0.9759
111.14	985.4779	0.9759
111.15	985.4779	0.9775
111.16	985.4779	0.9767
111.18	985.4779	0.9759
111.2	985.4779	0.9767
111.22	985.4779	0.9767
111.28	985.4779	0.9775
111.36	985.4779	0.9751
111.38	985.4779	0.9759
111.4	985.4779	0.9751
111.41	985.4779	0.9751
111.42	985.4779	0.9744
111.43	985.4779	0.9744
111.44	985.4779	0.9736
111.45	985.4779	0.9728
111.46	985.4779	0.9736
111.48	985.4779	0.9736
111.49	985.4779	0.9736
111.51	985.4779	0.9751
111.99	985.4779	0.9821
112.61	1003.122	0.986
112.9	1003.122	0.9891
113.02	1003.122	0.9907
113.08	1003.122	0.9907
113.11	1003.122	0.993
113.12	1003.122	0.9914
113.14	1003.122	0.9914
113.17	1003.122	0.9938
113.18	1003.122	0.993
113.2	1003.122	0.993
113.22	1003.122	0.993
113.24	1003.122	0.9938
113.35	1003.122	0.9922
113.36	1003.122	0.9914

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
95.478	329.699	0.802
95.52	329.699	0.802
95.635	329.699	0.7989
95.646	329.699	0.7997
95.655	329.699	0.7973
95.665	329.699	0.7973
95.67	329.699	0.7966
95.679	329.699	0.7989
95.696	329.699	0.7966
95.71	329.699	0.795
95.726	329.699	0.7973
95.752	344.6175	0.7989
95.86	344.6175	0.8051
95.911	344.6175	0.8059
95.992	344.6175	0.8043
96.059	344.6175	0.8036
96.077	344.6175	0.8012
96.204	344.6175	0.8074
96.219	344.6175	0.8067
96.299	344.6175	0.8074
96.395	344.6175	0.8059
96.417	344.6175	0.8043
96.448	344.6175	0.8051
96.605	344.6175	0.8113
96.626	344.6175	0.8082
96.683	344.6175	0.8082
96.71	344.6175	0.809
96.827	353.5686	0.8098
96.892	353.5686	0.8121
96.904	353.5686	0.8113
96.945	353.5686	0.816
96.956	353.5686	0.8129
97.111	353.5686	0.8121
97.134	353.5686	0.8121
97.15	353.5686	0.8121
97.193	353.5686	0.8136
97.27	353.5686	0.8152
97.281	353.5686	0.8183
97.293	353.5686	0.8191
97.303	353.5686	0.8152
97.324	353.5686	0.8199
97.334	353.5686	0.8199
97.343	353.5686	0.8191
97.354	353.5686	0.8199
97.373	353.5686	0.8199
97.392	353.5686	0.8183
97.416	353.5686	0.8175
97.509	353.5686	0.816
97.534	353.5686	0.8144
97.553	353.5686	0.8144
97.571	353.5686	0.816
97.584	353.5686	0.8136
97.595	353.5686	0.8129
97.612	353.5686	0.8105

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
237.11	1096.308	3.5025
237.98	1096.308	3.516
238.42	1096.308	3.5227
238.49	1096.308	3.5241
238.67	1096.308	3.5214
238.69	1096.308	3.5241
239.35	1096.308	3.5362
239.98	1096.308	3.543
240.45	1096.308	3.5524
240.65	1096.308	3.5551
240.74	1096.308	3.5551
241.98	1096.308	3.574
243.2	1096.308	3.5916
243.96	1096.308	3.6024
243.98	1096.308	3.601
244.48	1096.308	3.6091
244.65	1096.308	3.6118
244.71	1096.308	3.6118
245.98	1096.308	3.6307
246.54	1096.308	3.6388
246.63	1096.308	3.6388
247.82	1101.563	3.6578
247.98	1101.563	3.6605
248.3	1105.635	3.6632
248.4	1105.635	3.6686
248.44	1105.635	3.6672
248.48	1105.635	3.6686
248.52	1105.635	3.6699
248.56	1105.635	3.6713
248.6	1105.635	3.6713
248.68	1105.635	3.6672
248.7	1105.635	3.6659
248.71	1105.635	3.6672
248.73	1105.635	3.6659
248.75	1105.635	3.6672
248.76	1105.635	3.6686
248.79	1112.204	3.6713
249.08	1112.204	3.6767
249.98	1112.204	3.6915
250.06	1112.204	3.6915
250.35	1112.204	3.6956
250.42	1112.204	3.6956
250.71	1112.204	3.6983
251.98	1112.204	3.7185
252.44	1112.204	3.7266
252.65	1112.204	3.7266
253.98	1112.204	3.7469
254.43	1112.204	3.755
254.48	1112.204	3.755
254.64	1112.204	3.7536
254.68	1112.204	3.755
254.72	1118.772	3.7577
255.07	1118.772	3.7644
255.98	1118.772	3.7739

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
168.51	815.0541	2.4426
168.52	815.0541	2.4412
168.53	815.0541	2.4439
168.54	815.0541	2.4426
168.55	815.0541	2.4426
168.57	815.0541	2.4426
168.58	815.0541	2.4439
168.59	815.0541	2.4439
168.6	815.0541	2.4439
168.61	815.0541	2.4453
168.62	815.0541	2.4439
168.63	815.0541	2.4439
168.64	815.0541	2.4412
168.65	815.0541	2.4439
168.67	815.0541	2.4439
168.77	815.0541	2.4385
168.79	815.0541	2.4399
168.8	815.0541	2.4372
168.82	815.0541	2.4385
168.82	815.0541	2.4358
168.83	815.0541	2.4385
168.84	815.0541	2.4345
168.85	815.0541	2.4358
168.86	815.0541	2.4358
168.87	815.0541	2.4358
168.88	815.0541	2.4358
168.88	815.0541	2.4331
168.89	815.0541	2.4345
168.9	815.0541	2.4345
168.9	815.0541	2.4345
168.91	815.0541	2.4358
168.91	815.0541	2.4358
168.92	815.0541	2.4372
168.93	815.0541	2.4372
168.94	815.0541	2.4399
168.94	815.0541	2.4412
168.96	818.2977	2.4439
169.32	818.2977	2.4507
169.99	818.2977	2.4588
170.31	818.9631	2.4642
170.41	818.9631	2.4682
170.43	818.9631	2.4669
170.46	818.9631	2.4709
170.48	818.9631	2.4696
170.49	818.9631	2.4709
170.51	818.9631	2.4709
170.51	818.9631	2.4709
170.53	818.9631	2.4736
170.53	818.9631	2.4723
170.55	818.9631	2.4723
170.55	818.9631	2.4723
170.56	818.9631	2.4723
170.57	818.9631	2.4723
170.59	818.9631	2.4723

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
113.38	1003.122	0.9907
113.39	1003.122	0.9907
113.4	1003.122	0.9899
113.41	1003.122	0.9907
113.42	1003.122	0.9907
113.43	1003.122	0.9907
113.44	1003.122	0.9891
113.45	1003.122	0.9907
113.48	1005.198	0.993
113.76	1005.198	0.9961
113.99	1005.198	0.9984
115.03	1005.198	1.0077
115.06	1005.198	1.0085
115.09	1005.198	1.0093
115.1	1005.198	1.0085
115.12	1005.198	1.0108
115.13	1005.198	1.0085
115.14	1005.198	1.0085
115.16	1005.198	1.0101
115.18	1005.198	1.0101
115.19	1005.198	1.0101
115.21	1005.198	1.0101
115.25	1005.198	1.0085
115.34	1005.198	1.0077
115.36	1005.198	1.007
115.37	1005.198	1.007
115.38	1005.198	1.007
115.39	1005.198	1.007
115.4	1005.198	1.0062
115.41	1005.198	1.007
115.42	1005.198	1.007
115.43	1005.198	1.0062
115.44	1005.198	1.007
115.45	1005.198	1.007
115.47	1005.198	1.007
115.49	1026.994	1.0085
115.6	1026.994	1.0116
115.99	1026.994	1.0147
117.04	1026.994	1.0256
117.06	1026.994	1.0248
117.09	1026.994	1.0256
117.1	1026.994	1.0248
117.12	1026.994	1.0256
117.13	1026.994	1.0264
117.14	1026.994	1.0271
117.15	1026.994	1.0271
117.16	1026.994	1.0264
117.18	1026.994	1.0271
117.2	1026.994	1.0279
117.23	1026.994	1.0279
117.26	1026.994	1.0271
117.31	1026.994	1.024
117.32	1026.994	1.024
117.33	1026.994	1.024

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.624	353.5686	0.8121
97.635	353.5686	0.8129
97.647	353.5686	0.8129
97.667	353.5686	0.816
97.732	353.5686	0.8214
97.744	353.5686	0.8183
97.869	353.5686	0.8206
97.89	353.5686	0.8191
97.989	353.5686	0.8199
97.992	353.5686	0.8191
98.024	353.5686	0.8199
98.144	353.5686	0.8245
98.208	353.5686	0.8237
98.68	353.5686	0.8261
98.717	353.5686	0.8261
98.762	353.5686	0.8253
98.782	353.5686	0.8253
98.896	368.4871	0.8299
99.082	368.4871	0.8292
99.106	368.4871	0.8299
99.147	368.4871	0.8331
99.214	368.4871	0.8315
99.251	368.4871	0.8292
99.275	368.4871	0.8315
99.322	368.4871	0.8338
99.34	368.4871	0.8338
99.359	368.4871	0.8331
99.372	368.4871	0.8346
99.391	368.4871	0.8346
99.403	368.4871	0.8354
99.42	368.4871	0.8346
99.437	368.4871	0.8346
99.461	368.4871	0.8346
99.486	368.4871	0.8362
99.547	368.4871	0.8338
99.602	368.4871	0.8338
99.632	368.4871	0.8307
99.643	368.4871	0.8292
99.653	368.4871	0.8299
99.666	368.4871	0.8284
99.674	368.4871	0.8284
99.683	368.4871	0.8307
99.692	368.4871	0.8292
99.703	368.4871	0.8315
99.714	368.4871	0.8292
99.735	368.4871	0.8354
99.936	368.4871	0.8362
99.992	368.4871	0.8377
100.12	368.4871	0.8393
100.26	372.0675	0.8369
100.32	372.0675	0.8439
100.34	372.0675	0.8408
100.36	372.0675	0.8416
100.38	372.0675	0.8408

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
256.52	1118.772	3.7847
256.68	1118.772	3.7833
257.98	1118.772	3.8049
258.45	1118.772	3.813
258.63	1118.772	3.8144
258.75	1122.057	3.8157
259.98	1122.057	3.8346
260.42	1122.057	3.8427
260.47	1122.057	3.8427
260.51	1122.057	3.8441
260.58	1122.057	3.8441
260.66	1122.057	3.8427
260.68	1122.057	3.84
260.7	1122.057	3.8387
260.72	1122.057	3.8427
260.73	1124.027	3.8427
261.98	1124.027	3.8616
262.41	1124.027	3.8711
262.48	1124.027	3.8711
262.53	1124.027	3.8697
262.68	1124.027	3.8684
262.7	1124.027	3.8711
262.72	1124.027	3.8738
263.35	1124.027	3.8819
263.98	1124.027	3.8927
264.71	1124.027	3.9021
265.98	1124.027	3.921
266.42	1124.027	3.9278
266.62	1124.027	3.9291
267.98	1124.027	3.9508
268.42	1124.027	3.9575
268.66	1124.027	3.9575
268.83	1130.202	3.9616
269.26	1130.202	3.971
269.98	1130.202	3.9791
270.53	1130.202	3.9886
270.68	1130.202	3.9872
270.73	1131.647	3.9899
271.78	1131.647	4.0048
271.83	1131.647	4.0061
271.98	1132.698	4.0075
272.44	1132.698	4.0156
272.67	1132.698	4.0169
273.32	1132.698	4.0264
273.45	1132.698	4.0291
273.94	1132.698	4.0372
273.98	1132.698	4.0358
274.31	1132.829	4.0399
274.38	1132.829	4.0439
274.48	1132.829	4.0466
274.65	1132.829	4.0426
274.68	1132.829	4.0466
275.98	1132.829	4.0669
276.56	1132.829	4.075

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
170.6	818.9631	2.4723
170.61	818.9631	2.475
170.62	818.9631	2.4736
170.63	818.9631	2.4736
170.64	818.9631	2.4709
170.66	818.9631	2.4723
170.68	818.9631	2.4682
170.73	818.9631	2.4669
170.74	818.9631	2.4655
170.76	818.9631	2.4655
170.76	818.9631	2.4655
170.77	818.9631	2.4642
170.78	818.9631	2.4628
170.79	818.9631	2.4642
170.8	818.9631	2.4628
170.8	818.9631	2.4655
170.81	818.9631	2.4628
170.82	818.9631	2.4628
170.82	818.9631	2.4615
170.83	818.9631	2.4615
170.83	818.9631	2.4628
170.84	818.9631	2.4628
170.84	818.9631	2.4628
170.85	818.9631	2.4628
170.86	818.9631	2.4642
170.86	818.9631	2.4642
170.87	818.9631	2.4655
170.88	818.9631	2.4682
170.89	823.2047	2.4682
170.9	827.4463	2.4709
170.96	831.7711	2.4736
171.05	831.7711	2.4736
171.99	831.7711	2.4871
172.36	831.7711	2.4952
172.4	831.7711	2.4952
172.42	831.7711	2.4966
172.45	831.7711	2.4966
172.47	831.7711	2.4966
172.48	831.7711	2.4993
172.49	831.7711	2.4979
172.51	831.7711	2.4993
172.52	831.7711	2.5006
172.53	831.7711	2.5006
172.55	831.7711	2.5006
172.55	831.7711	2.502
172.57	831.7711	2.5047
172.57	831.7711	2.5033
172.58	831.7711	2.5033
172.59	831.7711	2.5033
172.6	831.7711	2.5033
172.61	831.7711	2.5047
172.62	831.7711	2.5033
172.63	831.7711	2.502
172.64	831.7711	2.4979

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.34	1026.994	1.024
117.35	1026.994	1.024
117.36	1026.994	1.0233
117.36	1026.994	1.0233
117.37	1026.994	1.0233
117.38	1026.994	1.0225
117.39	1026.994	1.0225
117.41	1026.994	1.0225
117.42	1026.994	1.0233
117.43	1026.994	1.0233
117.45	1040.486	1.024
117.69	1040.486	1.0295
117.99	1040.486	1.031
118.35	1052.422	1.0341
118.9	1052.422	1.0396
118.99	1052.422	1.0411
119.02	1052.422	1.0411
119.04	1052.422	1.0411
119.06	1052.422	1.0419
119.09	1052.422	1.0427
119.1	1052.422	1.0427
119.11	1052.422	1.0419
119.13	1052.422	1.0427
119.14	1052.422	1.0435
119.16	1052.422	1.0427
119.18	1052.422	1.0435
119.2	1052.422	1.0435
119.22	1052.422	1.0435
119.3	1052.422	1.0396
119.31	1052.422	1.0396
119.32	1052.422	1.0403
119.33	1052.422	1.0396
119.34	1052.422	1.0403
119.35	1052.422	1.0396
119.36	1052.422	1.0403
119.36	1052.422	1.0396
119.37	1052.422	1.038
119.38	1052.422	1.0388
119.4	1052.422	1.0396
119.41	1052.422	1.0396
119.42	1052.422	1.0403
119.44	1054.498	1.0419
119.99	1068.509	1.0481
120.12	1068.509	1.0497
120.59	1068.509	1.0528
121.09	1068.509	1.0582
121.12	1068.509	1.059
121.15	1068.509	1.059
121.17	1068.509	1.0598
121.19	1068.509	1.0598
121.24	1068.509	1.0574
121.3	1068.509	1.0567
121.31	1068.509	1.0567
121.32	1068.509	1.0559

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
100.4	372.0675	0.8408
100.44	372.0675	0.8455
100.45	372.0675	0.8431
100.46	372.0675	0.8431
100.49	372.0675	0.8463
100.52	372.0675	0.8463
100.56	372.0675	0.8447
100.62	372.0675	0.8424
100.64	372.0675	0.84
100.65	372.0675	0.8416
100.67	372.0675	0.84
100.68	372.0675	0.8385
100.69	372.0675	0.8416
100.7	372.0675	0.84
100.72	372.0675	0.8393
100.74	372.0675	0.8393
100.75	372.0675	0.8385
100.78	372.0675	0.8431
101	372.0675	0.8463
101.03	372.0675	0.8478
101.14	372.0675	0.8463
101.18	372.0675	0.8447
101.32	372.0675	0.8517
101.33	372.0675	0.8517
101.34	372.0675	0.8517
101.36	372.0675	0.8517
101.37	372.0675	0.8517
101.38	372.0675	0.8525
101.39	372.0675	0.8525
101.4	372.0675	0.8525
101.42	372.0675	0.8525
101.44	372.0675	0.8517
101.46	372.0675	0.8509
101.55	372.0675	0.8486
101.58	372.0675	0.8455
101.59	372.0675	0.8463
101.6	372.0675	0.8486
101.61	372.0675	0.8478
101.62	372.0675	0.8455
101.63	372.0675	0.8447
101.65	372.0675	0.8447
101.65	372.0675	0.8447
101.67	372.0675	0.8463
101.68	372.0675	0.8486
101.86	386.986	0.8525
101.88	386.986	0.854
101.92	386.986	0.8571
101.94	386.986	0.8563
101.95	386.986	0.8556
101.98	386.986	0.8556
101.99	386.986	0.8571
102	386.986	0.8563
102.05	386.986	0.8548
102.08	386.986	0.8556

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
276.66	1132.829	4.0736
277.98	1134.8	4.0952
278.44	1134.8	4.102
278.67	1134.8	4.1033
278.96	1127.969	4.1087
279.86	1121.137	4.1222
279.98	1122.057	4.1249
280.46	1115.357	4.1317
280.62	1121.925	4.133
281.11	1128.494	4.1398
281.24	1121.794	4.1411
281.44	1128.494	4.1452
281.98	1128.757	4.1519
282.5	1122.057	4.1627
282.66	1128.757	4.1614
283.14	1121.925	4.1708
283.44	1115.225	4.1749
283.98	1116.014	4.183
284.42	1109.314	4.1884
284.69	1115.882	4.1911
285.14	1109.182	4.1992
285.98	1109.051	4.21
286.43	1102.351	4.2181
286.48	1095.651	4.2208
286.54	1088.951	4.2194
286.66	1095.651	4.2167
286.68	1102.351	4.2154
286.7	1108.92	4.2181
286.71	1115.62	4.2194
287.8	1108.788	4.237
287.98	1106.949	4.2397
288.37	1100.249	4.2464
288.6	1093.549	4.2491
288.66	1100.118	4.2478
289.98	1101.3	4.2681
290.75	1108.263	4.2802
291	1101.563	4.2843
291.57	1108.131	4.291
291.98	1104.453	4.2978
292.84	1111.416	4.3099
293.98	1111.678	4.3275
294.35	1104.978	4.3329
294.68	1111.547	4.3369
295.01	1104.847	4.3423
295.98	1106.029	4.3545
296.13	1099.329	4.3585
296.32	1106.029	4.3599
296.43	1099.329	4.3639
296.66	1105.898	4.3653
297.72	1099.067	4.3815
297.98	1103.927	4.3842
299.98	1106.686	4.4139
300.09	1099.986	4.4152
300.29	1106.686	4.4179

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
172.67	831.7711	2.5006
172.72	831.7711	2.4952
172.74	831.7711	2.4966
172.75	831.7711	2.4952
172.76	831.7711	2.4952
172.78	831.7711	2.4952
172.79	831.7711	2.4939
172.8	831.7711	2.4939
172.81	831.7711	2.4925
172.82	831.7711	2.4912
172.82	831.7711	2.4925
172.83	831.7711	2.4939
172.84	831.7711	2.4925
172.84	831.7711	2.4939
172.85	831.7711	2.4912
172.86	831.7711	2.4912
172.86	831.7711	2.4939
172.87	831.7711	2.4912
172.88	831.7711	2.4939
172.88	831.7711	2.4939
172.89	831.7711	2.4952
172.9	831.7711	2.4979
172.91	835.5137	2.5006
172.93	839.8384	2.5006
173.27	839.8384	2.5074
173.43	839.8384	2.5101
173.99	839.8384	2.5168
174.32	839.8384	2.5222
174.4	839.8384	2.5249
174.43	839.8384	2.5263
174.47	839.8384	2.5249
174.49	839.8384	2.5276
174.5	839.8384	2.5263
174.52	839.8384	2.529
174.53	839.8384	2.529
174.54	839.8384	2.5303
174.55	839.8384	2.529
174.56	839.8384	2.5303
174.57	839.8384	2.5303
174.59	839.8384	2.5303
174.6	839.8384	2.533
174.61	839.8384	2.5303
174.62	839.8384	2.533
174.63	839.8384	2.529
174.64	839.8384	2.5303
174.66	839.8384	2.5317
174.67	839.8384	2.529
174.68	839.8384	2.529
174.79	839.8384	2.5276
174.81	839.8384	2.5263
174.83	839.8384	2.5263
174.84	839.8384	2.5263
174.86	839.8384	2.5249
174.87	839.8384	2.5263

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
121.33	1068.509	1.0574
121.34	1068.509	1.0567
121.35	1070.066	1.0567
121.35	1070.066	1.0574
121.39	1072.142	1.0598
121.99	1072.142	1.0644
123.06	1072.142	1.0745
123.1	1072.142	1.0737
123.13	1072.142	1.0745
123.15	1072.142	1.0745
123.18	1072.142	1.0753
123.21	1072.142	1.0753
123.31	1072.142	1.0737
123.32	1072.142	1.0737
123.33	1072.142	1.073
123.34	1072.142	1.0737
123.34	1072.142	1.073
123.35	1076.293	1.073
123.79	1103.798	1.0799
123.99	1103.798	1.0807
124.25	1103.798	1.0838
124.65	1103.798	1.0862
125.04	1103.798	1.0916
125.11	1103.798	1.0924
125.13	1103.798	1.0924
125.15	1103.798	1.0924
125.17	1103.798	1.0924
125.19	1103.798	1.0931
125.21	1103.798	1.0924
125.25	1103.798	1.0924
125.3	1103.798	1.09
125.32	1103.798	1.0916
125.33	1103.798	1.0908
125.34	1103.798	1.09
125.35	1103.798	1.0893
125.36	1103.798	1.09
125.37	1103.798	1.0908
125.38	1103.798	1.09
125.99	1119.885	1.0978
126.28	1119.885	1.1009
126.83	1121.442	1.1048
127.01	1121.442	1.1079
127.04	1121.442	1.1071
127.08	1121.442	1.1087
127.1	1121.442	1.1094
127.11	1121.442	1.1094
127.12	1121.442	1.1087
127.13	1121.442	1.1102
127.15	1121.442	1.1094
127.16	1121.442	1.1094
127.17	1121.442	1.1102
127.19	1121.442	1.111
127.21	1121.442	1.1102
127.26	1121.442	1.111

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
102.14	386.986	0.8563
102.18	386.986	0.8556
102.29	386.986	0.8563
102.31	386.986	0.8556
102.33	386.986	0.8548
102.35	386.986	0.8548
102.36	386.986	0.8556
102.37	386.986	0.8532
102.39	386.986	0.8548
102.4	386.986	0.8548
102.41	386.986	0.8525
102.43	386.986	0.8556
102.47	392.6551	0.8579
102.56	392.6551	0.8595
102.58	392.6551	0.8579
102.69	392.6551	0.8595
102.78	392.6551	0.8626
102.81	392.6551	0.8633
102.85	392.6551	0.8633
102.89	392.6551	0.8626
102.92	392.6551	0.8618
103	392.6551	0.8626
103.02	392.6551	0.861
103.04	392.6551	0.8602
103.05	392.6551	0.861
103.07	392.6551	0.8626
103.13	392.6551	0.8618
103.16	392.6551	0.8626
103.31	392.6551	0.8664
103.33	392.6551	0.8664
103.35	392.6551	0.8672
103.37	392.6551	0.8672
103.38	392.6551	0.868
103.4	392.6551	0.868
103.41	392.6551	0.868
103.43	392.6551	0.868
103.45	392.6551	0.8688
103.46	392.6551	0.8688
103.49	392.6551	0.8688
103.52	392.6551	0.868
103.62	392.6551	0.8664
103.63	392.6551	0.8626
103.64	392.6551	0.8633
103.65	392.6551	0.8649
103.65	392.6551	0.8633
103.66	392.6551	0.8633
103.67	392.6551	0.8649
103.69	392.6551	0.8657
103.7	392.6551	0.8641
103.71	392.6551	0.8633
103.73	392.6551	0.8657
103.88	392.6551	0.8688
103.91	392.6551	0.8703
103.98	392.6551	0.8703

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
300.43	1099.986	4.422
300.65	1106.555	4.4233
301.98	1108.131	4.4422
302.49	1101.431	4.4503
302.61	1108	4.4517
303.98	1110.496	4.4719
304.4	1103.796	4.4773
304.67	1110.365	4.48
305.97	1106.161	4.4989
307.97	1105.767	4.5286
308.51	1099.067	4.5394
308.67	1105.635	4.5381
309.5	1098.935	4.5529
309.97	1101.957	4.5584
310.34	1095.257	4.5651
310.46	1088.557	4.5651
310.59	1095.257	4.5651
310.69	1101.825	4.5692
311.46	1094.994	4.58
311.97	1096.702	4.5867
312.13	1090.002	4.5908
312.44	1083.302	4.5962
312.61	1090.002	4.5962
312.83	1096.57	4.5989
313.62	1089.87	4.611
313.75	1096.439	4.6124
313.97	1095.914	4.6164
314.38	1089.214	4.6232
314.67	1095.782	4.6272
315.24	1089.082	4.6367
315.97	1090.79	4.6461
316.4	1084.09	4.6502
316.89	1091.053	4.6596
317.08	1084.353	4.661
317.97	1088.163	4.6745
318.41	1081.463	4.6826
318.43	1088.163	4.6826
318.47	1081.463	4.6853
318.49	1074.763	4.6866
318.5	1068.194	4.6853
318.52	1061.625	4.6866
318.53	1054.925	4.688
318.54	1048.225	4.6893
318.55	1041.657	4.6893
318.56	1035.088	4.688
318.57	1028.388	4.6893
318.58	1021.819	4.688
318.6	1015.119	4.688
318.61	1008.551	4.688
318.62	1001.982	4.688
318.63	995.2819	4.6866
318.64	988.7132	4.6893
318.66	982.0132	4.6853
318.68	975.4445	4.688

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
174.88	839.8384	2.5249
174.89	839.8384	2.5236
174.9	839.8384	2.5236
174.91	839.8384	2.5236
174.91	839.8384	2.5236
174.92	839.8384	2.5236
174.93	839.8384	2.5236
174.94	839.8384	2.5222
174.94	839.8384	2.5249
174.95	839.8384	2.5222
174.95	839.8384	2.5236
174.96	839.8384	2.5236
174.97	839.8384	2.5249
174.98	839.8384	2.5263
174.98	840.1711	2.5276
175	844.4127	2.5303
175.02	848.6543	2.5317
175.16	848.6543	2.5344
175.99	848.6543	2.5465
176.14	848.6543	2.5479
176.4	848.6543	2.5533
176.45	848.6543	2.5533
176.5	848.6543	2.5533
176.53	848.6543	2.556
176.56	848.6543	2.5546
176.59	848.6543	2.5546
176.62	848.6543	2.5587
176.72	848.6543	2.5546
176.73	848.6543	2.5546
176.75	848.6543	2.5519
176.76	848.6543	2.5506
176.77	848.6543	2.5519
176.78	848.6543	2.5533
176.79	848.6543	2.5533
176.8	852.2306	2.5546
176.84	856.4722	2.5587
176.85	856.4722	2.56
176.86	856.4722	2.56
176.91	856.4722	2.56
177.07	856.4722	2.56
177.09	856.4722	2.56
177.12	856.4722	2.5614
177.99	858.8841	2.5749
178.39	858.8841	2.5816
178.44	858.8841	2.583
178.48	858.8841	2.5843
178.5	858.8841	2.5843
178.53	858.8841	2.5857
178.55	858.8841	2.587
178.57	858.8841	2.587
178.59	858.8841	2.587
178.62	858.8841	2.5857
178.66	858.8841	2.587
178.73	858.8841	2.5816

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.33	1121.442	1.1071
127.35	1121.442	1.1079
127.36	1121.442	1.1071
127.37	1121.442	1.1071
127.38	1121.442	1.1071
127.39	1121.442	1.1079
127.4	1121.442	1.1071
127.41	1121.442	1.1079
127.42	1121.442	1.1071
127.43	1121.442	1.1063
127.44	1121.442	1.1063
127.45	1121.442	1.1063
127.47	1123.517	1.1071
127.73	1123.517	1.1118
127.99	1123.517	1.1149
129.02	1123.517	1.1242
129.05	1123.517	1.125
129.07	1123.517	1.125
129.09	1123.517	1.1257
129.1	1123.517	1.1265
129.11	1123.517	1.1265
129.12	1123.517	1.1273
129.13	1123.517	1.1257
129.15	1123.517	1.1257
129.16	1123.517	1.1273
129.18	1123.517	1.1265
129.2	1123.517	1.1273
129.22	1123.517	1.1281
129.26	1123.517	1.1265
129.29	1123.517	1.1242
129.3	1123.517	1.1234
129.31	1123.517	1.1226
129.32	1123.517	1.1226
129.33	1123.517	1.1226
129.33	1123.517	1.1226
129.34	1123.517	1.1219
129.35	1123.517	1.1242
129.35	1123.517	1.1234
129.37	1123.517	1.1226
129.37	1123.517	1.1219
129.38	1123.517	1.1219
129.39	1123.517	1.1211
129.4	1123.517	1.1219
129.41	1123.517	1.1234
129.43	1123.517	1.1226
129.44	1141.162	1.1257
129.71	1141.162	1.1289
129.99	1141.162	1.132
130.5	1155.173	1.1358
130.65	1155.173	1.1366
131.08	1155.173	1.1413
131.09	1155.173	1.1405
131.13	1155.173	1.1421
131.16	1155.173	1.1428

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103.99	392.6551	0.8695
104.07	392.6551	0.8719
104.21	392.6551	0.8734
104.31	392.6551	0.8726
104.55	406.3801	0.8734
104.58	406.3801	0.8742
104.82	406.3801	0.8765
104.84	406.3801	0.8781
104.9	406.3801	0.875
104.96	406.3801	0.8796
105.01	406.3801	0.8773
105.18	406.3801	0.8812
105.2	406.3801	0.8804
105.22	406.3801	0.882
105.32	406.3801	0.8835
105.33	406.3801	0.8843
105.35	406.3801	0.8851
105.36	406.3801	0.8843
105.38	406.3801	0.8851
105.39	406.3801	0.8851
105.41	406.3801	0.8858
105.44	406.3801	0.8851
105.5	406.3801	0.8843
105.58	406.3801	0.8804
105.59	406.3801	0.882
105.61	406.3801	0.882
105.63	406.3801	0.8789
105.63	406.3801	0.8796
105.64	406.3801	0.8796
105.65	406.3801	0.8812
105.66	406.3801	0.8796
105.67	406.3801	0.8781
105.68	406.3801	0.8827
105.7	406.3801	0.8804
105.72	406.3801	0.882
105.78	406.3801	0.8882
105.8	406.3801	0.8882
105.82	406.3801	0.8874
105.84	406.3801	0.8858
105.88	406.3801	0.8843
105.95	406.3801	0.8866
105.98	406.3801	0.8858
105.99	406.3801	0.8866
106.04	410.8556	0.8866
106.07	410.8556	0.8913
106.08	410.8556	0.8874
106.11	410.8556	0.8913
106.12	410.8556	0.8905
106.13	410.8556	0.889
106.17	410.8556	0.889
106.18	410.8556	0.8905
106.21	410.8556	0.8905
106.23	410.8556	0.8913
106.26	410.8556	0.8913

UCS Test Results, Stage Three

S3N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
318.7	968.7445	4.6866
318.87	975.4445	4.6853
318.89	982.1446	4.6839
318.91	988.7132	4.6839
318.92	995.2819	4.6839

S3N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
178.75	858.8841	2.583
178.76	858.8841	2.583
178.77	858.8841	2.583
178.79	858.8841	2.5816
178.8	858.8841	2.5816
178.81	858.8841	2.5803
178.82	858.8841	2.5816
178.82	858.8841	2.5843
178.83	858.8841	2.583
178.85	863.0425	2.5857
178.87	867.3673	2.587
179.99	867.5336	2.6032
180.44	867.5336	2.6113
180.47	867.5336	2.6154
180.49	867.5336	2.614
180.5	867.5336	2.6154
180.52	867.5336	2.614
180.54	867.5336	2.6154
180.56	867.5336	2.6154
180.57	867.5336	2.6154
180.59	867.5336	2.6181
180.6	867.5336	2.6154
180.62	867.5336	2.6167
180.64	867.5336	2.6167
180.66	867.5336	2.6181
180.69	867.5336	2.6154
180.87	867.5336	2.614
180.89	867.5336	2.614
180.91	867.5336	2.6154
180.92	867.5336	2.6154
180.94	867.5336	2.614
180.95	867.5336	2.6127
180.96	867.5336	2.6127
180.97	867.5336	2.6113
180.98	867.5336	2.6127
180.99	867.5336	2.6127
180.99	867.5336	2.6086
181	867.5336	2.6113
181.01	867.5336	2.6127
181.01	867.5336	2.6113
181.02	871.6921	2.614
181.03	875.9337	2.6154
181.04	880.2585	2.6167
181.06	884.5001	2.6208
181.2	884.5001	2.6221
181.99	884.5001	2.6316
182.48	884.5001	2.6397
182.54	884.5001	2.6424
182.67	884.5001	2.6383
182.68	884.5001	2.6397
182.69	884.5001	2.641
183.13	885.3318	2.6505
183.46	885.3318	2.6545
183.81	885.3318	2.6599

S3N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.19	1155.173	1.1421
131.21	1155.173	1.1428
131.3	1155.173	1.1413
131.31	1155.173	1.1405
131.32	1155.173	1.1397
131.33	1155.173	1.1397
131.34	1155.173	1.1397
131.35	1155.173	1.1397
131.38	1157.249	1.1413
131.96	1157.249	1.149
131.99	1157.249	1.1483
132.28	1157.249	1.1506
133.01	1157.249	1.1584
133.03	1157.249	1.1576
133.05	1157.249	1.1584
133.08	1157.249	1.1591
133.09	1157.249	1.1591
133.11	1157.249	1.1591
133.12	1157.249	1.1599
133.14	1157.249	1.1599
133.15	1157.249	1.1591
133.17	1157.249	1.1607
133.19	1157.249	1.1599
133.22	1157.249	1.1615
133.25	1157.249	1.1584
133.3	1157.249	1.1576
133.31	1157.249	1.1576
133.33	1157.249	1.1576
133.34	1157.249	1.1568
133.35	1157.249	1.156
133.36	1157.249	1.156
133.37	1157.249	1.1576
133.38	1157.249	1.156
133.38	1157.249	1.1568
133.39	1157.249	1.1553
133.41	1157.249	1.156
133.42	1157.249	1.1568
133.43	1157.249	1.156
133.99	1172.817	1.1646
134.32	1172.817	1.1684
134.86	1174.893	1.1716
134.98	1174.893	1.1731
135.04	1174.893	1.1739
135.09	1174.893	1.1754
135.12	1174.893	1.1754
135.14	1174.893	1.1754
135.16	1174.893	1.1762
135.18	1174.893	1.1754
135.21	1174.893	1.1754
135.23	1174.893	1.1762
135.31	1174.893	1.1747
135.32	1174.893	1.1739
135.33	1174.893	1.1747
135.35	1174.893	1.1739

S3N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
106.33	410.8556	0.8936
106.38	410.8556	0.8882
106.45	410.8556	0.8882
106.46	410.8556	0.8897
106.48	410.8556	0.8905
106.49	410.8556	0.8882
106.5	410.8556	0.889
106.51	410.8556	0.8897
106.52	410.8556	0.889
106.54	410.8556	0.8882
106.56	410.8556	0.889
106.59	410.8556	0.8897
106.66	410.8556	0.8959
106.69	410.8556	0.8936
106.74	410.8556	0.8944
106.89	410.8556	0.8936
106.92	410.8556	0.8928
106.93	410.8556	0.8944
106.95	410.8556	0.8921
106.97	410.8556	0.8928
107.03	410.8556	0.8944
107.06	410.8556	0.8944
107.15	410.8556	0.8983
107.17	410.8556	0.9006
107.18	410.8556	0.8975
107.22	410.8556	0.9006
107.23	410.8556	0.8975
107.27	410.8556	0.8983
107.32	410.8556	0.9006
107.33	410.8556	0.9014
107.34	410.8556	0.9014
107.36	410.8556	0.9022
107.38	410.8556	0.9014
107.41	410.8556	0.8998
107.46	410.8556	0.8983
107.49	410.8556	0.8983
107.52	410.8556	0.899
107.53	410.8556	0.8975
107.55	410.8556	0.8983
107.56	410.8556	0.8983
107.57	410.8556	0.8975
107.58	410.8556	0.8967
107.6	410.8556	0.8936
107.62	410.8556	0.8936
107.62	410.8556	0.8936
107.64	410.8556	0.8967
107.66	425.7741	0.9006
107.71	425.7741	0.9037
107.72	425.7741	0.9053
107.73	425.7741	0.9037
107.75	425.7741	0.9022
107.84	425.7741	0.9029
107.99	425.7741	0.9029
108.02	425.7741	0.9029

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.99	886.0803	2.6626
184.41	886.0803	2.668
184.48	886.0803	2.6707
184.56	886.0803	2.6707
184.64	886.0803	2.6694
184.67	886.0803	2.668
184.69	886.0803	2.6707
184.71	890.3219	2.6721
185.98	890.3219	2.691
186.42	890.3219	2.6991
186.45	890.3219	2.7004
186.47	890.3219	2.7018
186.48	890.3219	2.7018
186.5	890.3219	2.7018
186.52	890.3219	2.7031
186.53	890.3219	2.7031
186.54	890.3219	2.7018
186.56	890.3219	2.7031
186.57	890.3219	2.7045
186.58	890.3219	2.7031
186.59	890.3219	2.7031
186.61	890.3219	2.7045
186.62	890.3219	2.7018
186.64	890.3219	2.7072
186.65	890.3219	2.7045
186.66	890.3219	2.7031
186.69	890.3219	2.7031
186.72	890.3219	2.7018
186.85	890.3219	2.7018
186.88	890.3219	2.7031
186.9	890.3219	2.7004
186.91	890.3219	2.7004
186.92	890.3219	2.7004
186.94	890.3219	2.7018
186.95	890.3219	2.7018
186.96	890.3219	2.6977
186.97	890.3219	2.6991
186.98	890.3219	2.6991
186.98	890.3219	2.6977
186.99	890.3219	2.6977
187	890.3219	2.6991
187	890.3219	2.6977
187.01	890.3219	2.6991
187.02	890.3219	2.6977
187.02	890.3219	2.6977
187.03	890.3219	2.6991
187.03	890.3219	2.7004
187.04	894.314	2.7004
187.05	898.5556	2.7018
187.06	902.8804	2.7031
187.07	907.122	2.7045
187.2	907.122	2.7085
187.56	907.122	2.7139
187.69	907.122	2.7153

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
135.36	1174.893	1.1739
135.37	1174.893	1.1747
135.38	1174.893	1.1739
135.39	1174.893	1.1739
135.43	1174.893	1.1762
135.99	1176.45	1.1809
136.11	1176.45	1.1832
136.42	1178.526	1.1848
137.03	1178.526	1.1902
137.11	1178.526	1.1925
137.18	1178.526	1.1925
137.26	1178.526	1.1917
137.29	1178.526	1.1894
137.3	1180.601	1.1894
137.31	1180.601	1.1917
137.34	1180.601	1.1917
137.99	1186.31	1.1987
138.29	1186.31	1.2018
138.64	1188.386	1.2026
139.02	1188.386	1.2073
139.08	1188.386	1.2088
139.12	1188.386	1.2088
139.14	1188.386	1.2088
139.18	1188.386	1.2073
139.23	1188.386	1.208
139.28	1188.386	1.2073
139.29	1188.386	1.2073
139.3	1188.386	1.2065
139.31	1188.386	1.2065
139.32	1188.386	1.2073
139.37	1192.018	1.2096
139.99	1192.018	1.2143
140.55	1199.802	1.2181
140.98	1199.802	1.2236
141.05	1199.802	1.2236
141.1	1199.802	1.2251
141.15	1199.802	1.2251
141.27	1199.802	1.2228
141.28	1199.802	1.2228
141.3	1199.802	1.2236
141.32	1201.878	1.2251
141.99	1201.878	1.2298
142.27	1217.966	1.2337
142.72	1217.966	1.2375
143.08	1217.966	1.2414
143.1	1217.966	1.2422
143.14	1217.966	1.243
143.17	1217.966	1.2422
143.25	1217.966	1.2414
143.28	1217.966	1.2399
143.29	1217.966	1.2391
143.3	1217.966	1.2399
143.35	1221.598	1.243
143.9	1221.598	1.2476

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
108.04	425.7741	0.9014
108.05	425.7741	0.9022
108.06	425.7741	0.9014
108.09	425.7741	0.9029
108.15	425.7741	0.9045
108.31	425.7741	0.906
108.46	425.7741	0.9076
108.53	425.7741	0.9107
108.62	425.7741	0.9099
108.69	425.7741	0.9122
108.81	425.7741	0.9084
108.91	425.7741	0.9107
108.95	425.7741	0.9122
108.98	425.7741	0.9122
109.04	425.7741	0.9115
109.23	425.7741	0.9146
109.25	425.7741	0.913
109.32	425.7741	0.9169
109.33	425.7741	0.9177
109.34	425.7741	0.9177
109.35	425.7741	0.9185
109.37	425.7741	0.9185
109.37	425.7741	0.9192
109.38	425.7741	0.9185
109.4	425.7741	0.9185
109.41	425.7741	0.9192
109.43	425.7741	0.9192
109.45	425.7741	0.9177
109.58	425.7741	0.9153
109.6	425.7741	0.9115
109.61	425.7741	0.9153
109.62	425.7741	0.9115
109.63	425.7741	0.9107
109.64	425.7741	0.9146
109.65	425.7741	0.9138
109.66	425.7741	0.9138
109.68	425.7741	0.9138
109.69	425.7741	0.913
109.7	425.7741	0.9146
109.87	425.7741	0.9216
109.96	425.7741	0.92
109.99	425.7741	0.92
110.07	425.7741	0.9247
110.08	425.7741	0.9216
110.13	425.7741	0.9239
110.15	425.7741	0.9223
110.28	425.7741	0.9216
110.3	425.7741	0.9231
110.38	425.7741	0.9239
110.42	425.7741	0.9216
110.56	425.7741	0.927
110.57	425.7741	0.927
110.6	425.7741	0.9285
110.61	425.7741	0.9301

UCS Test Results, Stage Three

S3N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
187.98	907.122	2.7193
188.42	907.122	2.7274
188.46	907.122	2.7301
188.48	907.122	2.7301
188.5	907.122	2.7288
188.53	907.122	2.7301
188.55	907.122	2.7315
188.57	907.122	2.7301
188.58	907.122	2.7315
188.6	907.122	2.7315
188.62	907.122	2.7301
188.64	907.122	2.7315
188.67	907.122	2.7301
188.81	907.122	2.7301
188.83	907.122	2.7288
188.84	907.122	2.7301
188.86	907.122	2.7288
188.87	907.122	2.7274
188.88	907.122	2.7288
188.89	907.122	2.7288
188.9	907.122	2.7288
188.91	907.122	2.7261
188.92	907.122	2.7261
188.92	907.122	2.7274
188.93	907.122	2.7274
188.94	907.122	2.7301
188.95	909.4507	2.7315
188.97	913.6923	2.7329
189.08	913.6923	2.7356
189.98	913.6923	2.7491
190.38	913.6923	2.7558
190.48	913.6923	2.7572
190.63	913.6923	2.7545
190.64	913.6923	2.7599
190.73	913.6923	2.7599
191.98	914.1082	2.7788
192.41	914.1082	2.7855
192.46	914.1082	2.7855
192.52	914.1082	2.7869
192.58	914.1082	2.7869
192.67	914.1082	2.7842
192.68	914.1082	2.7842
192.69	914.1082	2.7842
192.7	914.1082	2.7869
192.72	918.3498	2.7869
193.64	922.7577	2.8017
193.98	922.7577	2.8071
194.3	926.0845	2.8112
194.38	926.0845	2.8139
194.45	926.0845	2.8166
194.48	926.0845	2.8152
194.51	926.0845	2.8166
194.55	926.0845	2.8179
194.58	926.0845	2.8152

S3N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
143.99	1221.598	1.2484
145.28	1221.598	1.2585
145.32	1221.598	1.2585
145.99	1221.598	1.2639
147.1	1221.598	1.2756
147.14	1221.598	1.274
147.2	1221.598	1.2748
147.27	1221.598	1.274
147.29	1221.598	1.2733
147.3	1221.598	1.2725
147.99	1223.155	1.281
148.32	1223.155	1.2834
148.49	1223.155	1.2849
149	1223.155	1.2911
149.04	1223.155	1.2911
149.08	1223.155	1.2919
149.1	1223.155	1.2919
149.12	1223.155	1.2927
149.14	1223.155	1.2927
149.16	1223.155	1.2919
149.18	1223.155	1.2934
149.2	1223.155	1.2919
149.33	1223.155	1.2919
149.35	1223.155	1.2919
149.36	1223.155	1.2903
149.37	1223.155	1.2896
149.38	1223.155	1.2903
149.39	1223.155	1.2903
149.4	1223.155	1.2903
149.41	1223.155	1.2903
149.42	1225.231	1.2903
149.99	1233.015	1.2973
150.26	1233.015	1.3012
150.53	1233.015	1.3012
151.02	1233.015	1.3074
151.08	1233.015	1.3074
151.1	1233.015	1.3082
151.13	1233.015	1.3082
151.14	1233.015	1.309
151.17	1233.015	1.3097
151.2	1233.015	1.309
151.24	1233.015	1.3097
151.29	1233.015	1.3074
151.3	1233.015	1.3066
151.31	1233.015	1.3066
151.32	1233.015	1.3074
151.33	1233.015	1.3074
151.34	1233.015	1.3074
151.35	1233.015	1.3066
151.37	1234.572	1.3066
151.99	1244.432	1.3144
152.16	1244.432	1.3175
152.55	1244.432	1.3191
152.96	1244.432	1.3237

S3N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
110.62	425.7741	0.9262
110.64	425.7741	0.9278
110.66	425.7741	0.927
110.68	425.7741	0.927
110.7	425.7741	0.9278
110.75	425.7741	0.9278
110.81	425.7741	0.9278
110.86	425.7741	0.9254
110.88	425.7741	0.9254
110.9	425.7741	0.9254
110.91	425.7741	0.9278
110.92	425.7741	0.9247
110.94	425.7741	0.9254
110.95	425.7741	0.9247
110.96	425.7741	0.927
110.99	425.7741	0.9254
111.02	425.7741	0.9247
111.04	425.7741	0.9247
111.11	425.7741	0.9293
111.14	425.7741	0.9317
111.16	425.7741	0.9317
111.18	425.7741	0.9301
111.19	425.7741	0.9317
111.21	425.7741	0.934
111.23	425.7741	0.9324
111.29	425.7741	0.9348
111.3	425.7741	0.9348
111.33	425.7741	0.9355
111.35	425.7741	0.9348
111.47	425.7741	0.9317
111.49	425.7741	0.9317
111.51	425.7741	0.9301
111.52	425.7741	0.9309
111.53	425.7741	0.9309
111.55	425.7741	0.9301
111.56	425.7741	0.9285
111.57	425.7741	0.9309
111.59	425.7741	0.9309
111.6	425.7741	0.9278
111.61	425.7741	0.9301
111.64	431.4432	0.934
111.75	431.4432	0.9386
111.76	431.4432	0.9371
111.77	431.4432	0.9363
111.82	431.4432	0.9363
111.88	431.4432	0.9371
111.91	431.4432	0.9394
111.99	431.4432	0.9371
112.02	431.4432	0.9348
112.05	431.4432	0.9371
112.09	431.4432	0.9363
112.1	431.4432	0.9355
112.13	431.4432	0.9363
112.23	431.4432	0.9394

UCS Test Results, Stage Three

S3N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
194.61	926.0845	2.8166
194.69	926.0845	2.8152
194.71	926.0845	2.8152
194.73	926.0845	2.8125
194.74	926.0845	2.8139
194.75	926.0845	2.8139
194.76	926.0845	2.8139
194.77	926.0845	2.8152
194.79	930.3261	2.8179
195	930.3261	2.822
195.98	930.3261	2.8355
196.45	930.3261	2.8436
196.51	930.3261	2.8436
196.64	930.3261	2.8449
196.68	930.3261	2.8436
196.69	930.3261	2.8449
196.77	932.3221	2.8476
197.52	932.3221	2.8584
197.68	932.3221	2.8611
197.94	936.3974	2.8652
197.98	936.3974	2.8652
198.42	936.3974	2.8719
198.53	936.3974	2.8733
198.62	936.3974	2.8719
198.64	936.3974	2.8733
198.74	939.7242	2.876
199.72	944.1321	2.8895
199.98	944.1321	2.8935
200.41	944.1321	2.9016
200.45	944.1321	2.903
200.48	944.1321	2.9043
200.51	944.1321	2.9043
200.54	944.1321	2.9043
200.57	944.1321	2.9043
200.61	944.1321	2.903
200.69	944.1321	2.9016
200.71	944.1321	2.903
200.73	944.1321	2.903
200.74	944.1321	2.9003
200.76	944.1321	2.8989
200.76	944.1321	2.9003
200.77	944.1321	2.9016
200.78	947.7084	2.9043
200.8	951.95	2.9057
201.98	951.95	2.9232
202.45	951.95	2.9313
202.51	951.95	2.9313
202.65	951.95	2.93
202.67	951.95	2.9313
202.68	955.9421	2.9313
203.18	960.1837	2.9408
203.4	964.4253	2.9435
203.46	964.4253	2.9448
203.98	964.4253	2.9516

S3N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
153	1244.432	1.3237
153.04	1244.432	1.3237
153.08	1244.432	1.3253
153.09	1244.432	1.3253
153.11	1244.432	1.3253
153.13	1244.432	1.3261
153.15	1244.432	1.3261
153.17	1244.432	1.3268
153.19	1244.432	1.3268
153.21	1244.432	1.3276
153.26	1244.432	1.3261
153.34	1244.432	1.3253
153.36	1244.432	1.3253
153.38	1244.432	1.3245
153.39	1244.432	1.3237
153.4	1244.432	1.3237
153.41	1244.432	1.3237
153.42	1244.432	1.3253
153.43	1244.432	1.3237
153.45	1244.432	1.3237
153.46	1244.432	1.3237
153.47	1244.432	1.3237
153.49	1244.432	1.3253
153.99	1244.432	1.333
154.33	1248.583	1.3338
154.43	1248.583	1.3354
154.51	1248.583	1.3354
155	1248.583	1.3408
155.08	1248.583	1.3408
155.25	1248.583	1.3393
155.28	1250.14	1.3416
155.92	1250.14	1.3486
155.99	1250.14	1.3486
156.07	1250.14	1.3478
156.7	1266.228	1.354
156.94	1266.228	1.3571
157.08	1266.228	1.3579
157.25	1266.228	1.3579
157.75	1266.228	1.3625
157.83	1266.228	1.3641
157.99	1266.228	1.3641
158.72	1271.936	1.3703
158.73	1271.936	1.3703
159.08	1271.936	1.3742
159.11	1271.936	1.375
159.15	1271.936	1.375
159.25	1271.936	1.375
159.27	1271.936	1.3734
159.29	1271.936	1.3734
159.33	1271.936	1.3757
159.67	1271.936	1.3788
159.99	1271.936	1.3812
161	1271.936	1.3905
161.02	1271.936	1.3913

S3N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
112.25	431.4432	0.9417
112.26	431.4432	0.9394
112.29	431.4432	0.9425
112.31	431.4432	0.9386
112.34	431.4432	0.941
112.38	431.4432	0.9433
112.4	431.4432	0.9425
112.42	431.4432	0.9425
112.47	431.4432	0.9425
112.65	431.4432	0.941
112.66	431.4432	0.941
112.68	431.4432	0.9417
112.7	431.4432	0.9394
112.71	431.4432	0.941
112.72	431.4432	0.9394
112.74	431.4432	0.941
112.75	431.4432	0.9417
112.78	431.4432	0.9402
112.81	431.4432	0.941
112.96	431.4432	0.948
112.98	431.4432	0.948
112.99	431.4432	0.9487
113	431.4432	0.9487
113.03	431.4432	0.9487
113.04	431.4432	0.9449
113.07	431.4432	0.9472
113.11	431.4432	0.9464
113.17	431.4432	0.9487
113.23	431.4432	0.9464
113.25	431.4432	0.9449
113.26	431.4432	0.9449
113.27	431.4432	0.9464
113.29	431.4432	0.9456
113.3	431.4432	0.948
113.35	431.4432	0.948
113.62	431.4432	0.9503
113.93	431.4432	0.9526
113.99	431.4432	0.9542
114.16	431.4432	0.9565
114.18	431.4432	0.9549
114.27	431.4432	0.9573
114.32	431.4432	0.9542
114.55	431.4432	0.9604
114.62	431.4432	0.9596
114.64	431.4432	0.9596
114.77	431.4432	0.9612
114.8	431.4432	0.9612
114.85	431.4432	0.9588
114.91	441.5878	0.9612
114.94	441.5878	0.9635
114.95	441.5878	0.9635
114.97	441.5878	0.9635
115	441.5878	0.9635
115.02	441.5878	0.9619

UCS Test Results, Stage Three

S3N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
204.47	964.4253	2.9583
204.68	964.4253	2.961
204.72	965.9223	2.9624
205.98	967.4194	2.9813
206.42	967.4194	2.9867
206.48	967.4194	2.988
206.53	967.4194	2.9894
206.59	967.4194	2.9894
206.66	967.4194	2.9853
206.67	967.4194	2.988
206.68	967.4194	2.9867
206.7	967.4194	2.9907
206.82	971.5778	2.9934
207.12	971.5778	2.9975
207.56	971.5778	3.0029
207.98	972.8253	3.0083
208.47	972.8253	3.0177
208.62	972.8253	3.0177
208.72	976.9838	3.0204
209.89	981.3917	3.038
209.98	981.9739	3.0394
210.39	981.9739	3.0448
210.49	981.9739	3.0461
210.61	981.9739	3.0488
210.67	981.9739	3.0475
210.81	986.0492	3.0529
210.87	986.0492	3.0515
211.57	986.0492	3.0623
211.77	986.0492	3.0664
211.98	986.0492	3.0677
212.4	986.0492	3.0745
212.45	986.0492	3.0758
212.47	986.0492	3.0772
212.5	986.0492	3.0772
212.52	986.0492	3.0772
212.55	986.0492	3.0785
212.58	986.0492	3.0772
212.61	986.0492	3.0772
212.73	986.0492	3.0772
212.75	986.0492	3.0758
212.76	986.0492	3.0745
212.78	986.0492	3.0745
212.79	986.0492	3.0745
212.8	986.0492	3.0772
212.81	986.0492	3.0772
212.82	986.0492	3.0772
212.83	988.0452	3.0785
212.87	992.2868	3.0799
213.02	992.2868	3.0826
213.6	992.2868	3.0907
213.98	992.2868	3.0974
214.47	992.2868	3.1055
214.62	992.2868	3.1042
214.68	995.7799	3.1055

S3N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.06	1271.936	1.3913
161.08	1271.936	1.3928
161.1	1271.936	1.3928
161.11	1271.936	1.392
161.12	1271.936	1.3936
161.14	1271.936	1.3928
161.16	1271.936	1.3928
161.18	1271.936	1.3944
161.2	1271.936	1.3936
161.23	1271.936	1.3928
161.29	1271.936	1.3913
161.31	1271.936	1.3905
161.32	1271.936	1.3905
161.33	1271.936	1.3905
161.34	1271.936	1.3905
161.35	1271.936	1.3905
161.36	1271.936	1.3905
161.37	1271.936	1.3905
161.39	1271.936	1.3889
161.4	1271.936	1.3889
161.41	1271.936	1.3905
161.43	1271.936	1.3905
161.44	1281.277	1.3913
161.99	1281.277	1.3983
163	1281.277	1.4068
163.1	1281.277	1.4068
163.16	1281.277	1.4083
163.23	1281.277	1.4076
163.25	1281.277	1.4076
163.28	1281.277	1.4068
163.99	1281.277	1.4153
164.68	1281.277	1.42
165.01	1281.277	1.4239
165.69	1281.277	1.4293
165.99	1281.277	1.4316
166.22	1281.277	1.434
166.63	1281.277	1.4371
166.99	1281.277	1.441
167.06	1281.277	1.4417
167.09	1281.277	1.441
167.12	1281.277	1.4417
167.14	1281.277	1.4417
167.18	1281.277	1.4417
167.29	1281.277	1.441
167.31	1281.277	1.4402
167.32	1281.277	1.4402
167.33	1281.277	1.441
167.33	1281.277	1.4402
167.37	1281.277	1.4417
167.99	1281.277	1.4479
168.39	1284.91	1.4511
168.67	1284.91	1.4534
169.01	1284.91	1.4573
169.06	1284.91	1.4588

S3N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
115.08	441.5878	0.9635
115.12	441.5878	0.965
115.14	441.5878	0.9666
115.16	441.5878	0.9666
115.17	441.5878	0.9658
115.21	441.5878	0.9674
115.28	441.5878	0.965
115.42	441.5878	0.9643
115.44	441.5878	0.9635
115.46	441.5878	0.9635
115.47	441.5878	0.9635
115.49	441.5878	0.9643
115.5	441.5878	0.9643
115.51	441.5878	0.9619
115.52	441.5878	0.9627
115.53	441.5878	0.9627
115.55	441.5878	0.9627
115.57	441.5878	0.965
115.61	442.7812	0.965
115.7	442.7812	0.9697
115.73	442.7812	0.9681
115.76	442.7812	0.9681
115.78	442.7812	0.9705
115.8	442.7812	0.9697
115.82	442.7812	0.972
115.84	442.7812	0.972
115.85	442.7812	0.9712
115.88	442.7812	0.9712
115.97	442.7812	0.9712
115.99	442.7812	0.9705
116.08	442.7812	0.972
116.11	442.7812	0.9712
116.13	442.7812	0.9697
116.14	442.7812	0.9712
116.16	442.7812	0.9681
116.17	442.7812	0.9674
116.18	442.7812	0.972
116.21	442.7812	0.9666
116.22	442.7812	0.9681
116.24	442.7812	0.9681
116.28	448.4503	0.972
116.3	448.4503	0.9759
116.32	448.4503	0.9751
116.39	448.4503	0.9744
116.51	448.4503	0.9759
116.53	448.4503	0.9759
116.59	448.4503	0.9751
116.61	448.4503	0.9736
116.75	448.4503	0.9775
116.82	448.4503	0.9782
116.93	448.4503	0.9806
116.94	448.4503	0.9821
116.95	448.4503	0.9782
116.99	448.4503	0.9806

UCS Test Results, Stage Three

S3N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
215.22	999.9384	3.115
215.37	999.9384	3.1177
215.45	999.9384	3.1177
215.98	1000.936	3.1258
216.45	1000.936	3.1325
216.53	1000.936	3.1339
216.63	1000.936	3.1352
216.66	1000.936	3.1339
216.68	1005.095	3.1352
217.58	1009.503	3.1487
217.85	1009.503	3.1528
217.98	1009.503	3.1541
218.28	1011.416	3.1595
218.32	1011.416	3.1595
218.38	1011.416	3.1622
218.43	1011.416	3.1622
218.49	1011.416	3.1622
218.64	1011.416	3.1609
218.65	1011.416	3.1622
218.67	1011.416	3.1636
219.19	1011.416	3.1717
219.98	1011.416	3.1838
220.45	1011.416	3.1919
220.62	1011.416	3.1933
220.71	1011.416	3.1933
220.9	1011.416	3.1987
221.13	1011.416	3.2
221.98	1011.416	3.2135
222.51	1011.416	3.2203
222.62	1011.416	3.2203
222.66	1011.416	3.223
222.89	1011.416	3.227
223.98	1011.416	3.2405
224.41	1011.416	3.2486
224.5	1011.416	3.25
224.63	1011.416	3.2513
224.66	1011.416	3.2486
224.68	1015.574	3.2513
225.98	1017.071	3.2702
226.38	1017.071	3.2783
226.44	1017.071	3.2797
226.51	1017.071	3.2797
226.63	1017.071	3.2797
226.66	1017.071	3.2783
226.69	1017.071	3.2797
226.96	1017.071	3.2851
227.12	1017.071	3.2878
227.64	1017.071	3.2945
227.91	1017.071	3.2986
227.98	1017.071	3.2986
228.2	1017.071	3.3026
228.52	1017.071	3.308
228.61	1017.071	3.3067
228.67	1017.071	3.308

S3N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
169.1	1284.91	1.4588
169.13	1284.91	1.4588
169.16	1284.91	1.4588
169.2	1284.91	1.4596
169.29	1284.91	1.458
169.3	1284.91	1.4573
169.31	1284.91	1.4573
169.32	1284.91	1.4565
169.33	1284.91	1.4565
169.35	1284.91	1.4573
169.37	1286.466	1.458
169.68	1286.466	1.4619
169.99	1286.466	1.4642
171.04	1286.466	1.4736
171.1	1286.466	1.4743
171.21	1286.466	1.4728
171.24	1286.466	1.4728
171.25	1286.466	1.4728
171.27	1286.466	1.4728
171.33	1298.402	1.4751
171.86	1298.402	1.4798
171.99	1298.402	1.4813
173	1298.402	1.4906
173.05	1298.402	1.4914
173.08	1298.402	1.4906
173.1	1298.402	1.4922
173.13	1298.402	1.4922
173.16	1298.402	1.4922
173.18	1298.402	1.4922
173.21	1298.402	1.4914
173.31	1298.402	1.4914
173.32	1298.402	1.4899
173.33	1298.402	1.4906
173.34	1298.402	1.4899
173.35	1298.402	1.4899
173.36	1298.402	1.4899
173.37	1298.402	1.4899
173.39	1298.402	1.4914
173.41	1298.402	1.4914
173.71	1298.402	1.4953
173.99	1298.402	1.4969
175.07	1298.402	1.5077
175.12	1298.402	1.5085
175.25	1298.402	1.5062
175.27	1298.402	1.5069
175.31	1305.667	1.5093
175.71	1305.667	1.5124
175.99	1305.667	1.5139
177	1305.667	1.524
177.08	1305.667	1.524
177.14	1305.667	1.5248
177.23	1305.667	1.5256
177.26	1305.667	1.5233
177.28	1305.667	1.524

S3N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.01	448.4503	0.9798
117.06	448.4503	0.9829
117.07	448.4503	0.9829
117.08	448.4503	0.9813
117.1	448.4503	0.9798
117.14	448.4503	0.9813
117.33	448.4503	0.9829
117.47	448.4503	0.9813
117.49	448.4503	0.9813
117.51	448.4503	0.9813
117.52	448.4503	0.9798
117.53	448.4503	0.9806
117.54	448.4503	0.9806
117.55	448.4503	0.9798
117.56	448.4503	0.9775
117.57	448.4503	0.9767
117.58	448.4503	0.9798
117.6	448.4503	0.9813
117.63	451.7323	0.9813
117.76	451.7323	0.986
117.95	451.7323	0.9876
117.99	451.7323	0.9876
118.08	451.7323	0.9868
118.27	451.7323	0.9907
118.37	451.7323	0.9922
118.49	451.7323	0.9899
118.54	451.7323	0.9914
118.6	451.7323	0.9914
118.71	451.7323	0.9922
118.79	451.7323	0.9922
118.9	451.7323	0.9945
118.96	451.7323	0.9953
118.98	451.7323	0.9945
119.01	451.7323	0.9961
119.03	451.7323	0.9976
119.04	451.7323	0.9961
119.06	451.7323	0.9961
119.11	451.7323	0.9984
119.13	451.7323	1
119.15	451.7323	0.9976
119.24	451.7323	0.9976
119.34	451.7323	1
119.43	451.7323	0.9984
119.46	451.7323	0.9976
119.48	451.7323	0.9984
119.5	451.7323	0.9976
119.51	451.7323	0.9969
119.52	451.7323	0.9969
119.53	451.7323	0.9969
119.54	451.7323	0.9961
119.55	451.7323	0.9961
119.57	451.7323	0.9938
119.58	451.7323	0.9969
119.6	452.9258	0.9992

UCS Test Results, Stage Three

S3N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
229.98	1017.071	3.3283
230.37	1017.071	3.335
230.5	1017.071	3.335
230.55	1017.071	3.3364
230.63	1017.071	3.3391
230.72	1019.733	3.3404
231.98	1020.647	3.358
232.25	1024.889	3.3621
232.38	1024.889	3.3634
232.69	1024.889	3.3675
233.73	1029.131	3.3837
233.98	1029.131	3.3864
234.5	1029.131	3.3945
234.63	1029.131	3.3945
234.67	1030.461	3.3958
234.95	1030.461	3.3999
235.98	1030.461	3.4161
236.42	1030.461	3.4228
236.66	1030.461	3.4255
236.73	1031.293	3.4269
237.02	1031.293	3.4309
237.98	1031.293	3.4444
238.17	1031.293	3.4471
238.38	1031.293	3.4512
238.48	1031.293	3.4525
238.61	1031.293	3.4512
238.69	1031.293	3.4552
239.98	1032.457	3.4728
240.4	1032.457	3.4795
240.66	1032.457	3.4822
241.98	1033.289	3.5025
242.42	1033.289	3.5106
242.49	1033.289	3.5106
242.61	1033.289	3.5106
242.64	1033.289	3.5106
242.67	1037.447	3.5119
243.98	1038.612	3.5322
244.49	1038.612	3.5403
244.66	1038.612	3.5403
244.75	1042.77	3.5416
245.48	1042.77	3.5538
245.65	1042.77	3.5565
245.98	1042.77	3.5605
246.42	1042.77	3.5686
246.52	1042.77	3.5673
246.59	1042.77	3.5673
246.63	1042.77	3.57
247.98	1042.77	3.5889
248.32	1042.77	3.5943
248.39	1042.77	3.5956
248.5	1042.77	3.597
248.54	1042.77	3.597
248.62	1042.77	3.5997
248.75	1042.77	3.601

S3N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
177.39	1309.3	1.5264
177.69	1309.3	1.5287
177.99	1309.3	1.5318
178.39	1301.516	1.5349
178.92	1273.493	1.5396
178.98	1245.47	1.5411
179.02	1217.966	1.5411
179.07	1189.942	1.5419
179.1	1162.438	1.5419
179.12	1134.415	1.5427
179.14	1106.392	1.5419
179.18	1078.888	1.5434
179.2	1050.865	1.5427
183.17	1048.789	1.5768
183.2	1020.766	1.576

S3N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
119.67	452.9258	1
119.77	454.1193	1.0008
119.88	454.1193	1.0046
119.92	454.1193	1.0046
119.97	454.1193	1.0039
119.99	454.1193	1.0015
120.04	454.1193	1.0039
120.11	454.1193	1.0054
120.17	454.1193	1.0031
120.19	454.1193	1.0054
120.32	454.1193	1.007
120.39	454.1193	1.007
120.51	454.1193	1.0085
120.54	454.1193	1.0077
120.63	454.1193	1.0077
120.68	454.1193	1.0093
120.87	469.0378	1.0116
120.88	469.0378	1.0116
120.94	469.0378	1.0124
120.98	469.0378	1.0124
121.03	469.0378	1.0116
121.21	469.0378	1.0108
121.23	469.0378	1.0147
121.24	469.0378	1.0108
121.32	469.0378	1.0171
121.33	469.0378	1.0178
121.35	469.0378	1.0171
121.36	469.0378	1.0186
121.37	469.0378	1.0178
121.38	469.0378	1.0186
121.39	469.0378	1.0186
121.41	469.0378	1.0186
121.42	469.0378	1.0186
121.44	469.0378	1.0194
121.46	469.0378	1.0178
121.5	469.0378	1.0171
121.56	469.0378	1.0139
121.58	469.0378	1.0163
121.6	469.0378	1.0171
121.62	469.0378	1.0155
121.63	469.0378	1.0124
121.64	469.0378	1.0116
121.64	469.0378	1.0155
121.65	469.0378	1.0147
121.66	469.0378	1.0132
121.67	469.0378	1.0116
121.68	469.0378	1.0163
121.7	469.0378	1.0147
121.73	472.3199	1.0186
121.75	472.3199	1.0194
121.77	472.3199	1.0202
121.81	472.3199	1.0225
121.82	472.3199	1.0194
121.99	472.3199	1.0186

UCS Test Results, Stage Three

S3N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
248.91	1042.77	3.6024
249.98	1042.77	3.6186
250.45	1042.77	3.6253
250.61	1042.77	3.628
250.71	1042.77	3.6294
251.17	1044.6	3.6348
251.26	1044.6	3.6375
251.98	1044.6	3.6483
252.32	1044.6	3.651
252.47	1044.6	3.6551
252.72	1044.6	3.6578
252.88	1044.6	3.6618

S3N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
121.99	472.3199	1.0186
122	472.3199	1.0202
122.02	472.3199	1.0194
122.26	472.3199	1.0209
122.3	472.3199	1.0233
122.33	472.3199	1.0264
122.33	472.3199	1.0233
122.36	472.3199	1.0248
122.42	472.3199	1.0248
122.45	472.3199	1.0279
122.47	472.3199	1.0256
122.48	472.3199	1.0256
122.49	472.3199	1.0279
122.52	472.3199	1.0264
122.56	472.3199	1.0295
122.59	472.3199	1.0279
122.66	472.3199	1.0225
122.67	472.3199	1.0233
122.69	472.3199	1.0233
122.69	472.3199	1.0217
122.7	472.3199	1.0217
122.71	472.3199	1.0225
122.72	472.3199	1.0264
122.73	472.3199	1.0225
122.74	472.3199	1.0217
122.75	472.3199	1.0217
122.77	472.3199	1.0233
122.79	472.3199	1.0248
122.92	472.3199	1.0303
123.01	472.3199	1.0279
123.05	472.3199	1.0295
123.07	472.3199	1.0279
123.25	472.3199	1.0326
123.33	472.3199	1.0326
123.35	472.3199	1.0326
123.38	472.3199	1.0334
123.4	472.3199	1.0334
123.44	472.3199	1.0334
123.6	472.3199	1.0318
123.61	472.3199	1.031
123.63	472.3199	1.0326
123.63	472.3199	1.0295
123.64	472.3199	1.0295
123.65	472.3199	1.0303
123.72	484.8514	1.0349
123.78	484.8514	1.0357
123.81	484.8514	1.0388
123.82	484.8514	1.0388
123.84	484.8514	1.0396
123.88	484.8514	1.0357
123.9	484.8514	1.0372
123.93	484.8514	1.038
123.95	484.8514	1.0396
123.96	484.8514	1.0403

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.98	484.8514	1.0372
123.99	484.8514	1.038
124.03	484.8514	1.0388
124.07	484.8514	1.0403
124.1	484.8514	1.0388
124.13	484.8514	1.0365
124.14	484.8514	1.0349
124.15	484.8514	1.0349
124.16	484.8514	1.0341
124.16	484.8514	1.0357
124.17	484.8514	1.0365
124.18	484.8514	1.0357
124.19	484.8514	1.0365
124.2	484.8514	1.0349
124.22	484.8514	1.0326
124.23	484.8514	1.0349
124.24	484.8514	1.0341
124.25	484.8514	1.0411
124.37	484.8514	1.0419
124.4	484.8514	1.0388
124.45	484.8514	1.0388
124.47	484.8514	1.0388
124.55	484.8514	1.0442
124.56	484.8514	1.045
124.58	484.8514	1.045
124.59	484.8514	1.0458
124.6	484.8514	1.045
124.62	484.8514	1.0458
124.63	484.8514	1.045
124.64	484.8514	1.0442
124.66	484.8514	1.0435
124.72	484.8514	1.045
124.83	484.8514	1.0458
124.86	484.8514	1.0427
124.92	484.8514	1.045
124.95	484.8514	1.0427
124.97	484.8514	1.0419
125	484.8514	1.0427
125.01	484.8514	1.0442
125.02	484.8514	1.0442
125.04	484.8514	1.0411
125.05	484.8514	1.045
125.07	484.8514	1.0411
125.1	484.8514	1.0435
125.31	484.8514	1.0504
125.32	484.8514	1.0512
125.33	484.8514	1.0512
125.34	484.8514	1.052
125.35	484.8514	1.0512
125.36	484.8514	1.052
125.37	484.8514	1.052
125.38	484.8514	1.052
125.39	484.8514	1.0528
125.4	484.8514	1.0528

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
125.42	484.8514	1.0528
125.44	484.8514	1.052
125.49	484.8514	1.0504
125.56	484.8514	1.0489
125.56	484.8514	1.0497
125.58	484.8514	1.0489
125.59	484.8514	1.0473
125.61	484.8514	1.0466
125.61	484.8514	1.045
125.62	484.8514	1.0442
125.62	484.8514	1.0458
125.63	484.8514	1.0458
125.64	484.8514	1.0458
125.65	484.8514	1.0481
125.67	484.8514	1.0458
125.68	484.8514	1.0497
125.84	484.8514	1.052
125.88	484.8514	1.052
125.97	484.8514	1.0528
125.99	484.8514	1.0528
126.02	486.0449	1.0559
126.13	486.0449	1.0574
126.15	486.0449	1.0582
126.16	486.0449	1.0559
126.28	486.0449	1.0567
126.33	486.0449	1.0551
126.39	486.0449	1.0551
126.43	486.0449	1.0551
126.44	486.0449	1.0567
126.58	486.0449	1.0605
126.59	486.0449	1.0605
126.64	486.0449	1.0598
126.68	486.0449	1.0598
126.78	486.0449	1.059
126.79	486.0449	1.0582
126.8	486.0449	1.0574
126.82	486.0449	1.0613
126.88	499.7699	1.0621
126.92	499.7699	1.0621
126.94	499.7699	1.0629
126.99	499.7699	1.0621
127.05	499.7699	1.0652
127.09	499.7699	1.0652
127.18	499.7699	1.0621
127.21	499.7699	1.0621
127.22	499.7699	1.0613
127.24	499.7699	1.0621
127.31	499.7699	1.0667
127.33	499.7699	1.0667
127.35	499.7699	1.0675
127.36	499.7699	1.0667
127.38	499.7699	1.0683
127.39	499.7699	1.0675
127.41	499.7699	1.0683

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.43	499.7699	1.0675
127.45	499.7699	1.0675
127.47	499.7699	1.0683
127.5	499.7699	1.0683
127.54	499.7699	1.0675
127.58	499.7699	1.066
127.62	499.7699	1.0636
127.65	499.7699	1.0667
127.66	499.7699	1.0629
127.67	499.7699	1.0629
127.68	499.7699	1.0644
127.68	499.7699	1.0629
127.69	499.7699	1.0667
127.7	499.7699	1.0629
127.71	499.7699	1.0629
127.72	499.7699	1.0636
127.74	499.7699	1.0644
127.76	500.9634	1.066
127.83	500.9634	1.073
127.84	500.9634	1.0722
127.85	500.9634	1.0706
127.87	500.9634	1.0706
127.9	500.9634	1.0737
127.91	500.9634	1.073
127.92	500.9634	1.0698
127.96	500.9634	1.0706
127.99	500.9634	1.0706
128.02	500.9634	1.0706
128.05	500.9634	1.0722
128.12	500.9634	1.0737
128.19	500.9634	1.0722
128.27	500.9634	1.0706
128.29	500.9634	1.0706
128.31	500.9634	1.0698
128.33	500.9634	1.0714
128.34	500.9634	1.0698
128.35	500.9634	1.0691
128.35	500.9634	1.0698
128.36	500.9634	1.0698
128.37	500.9634	1.0698
128.38	500.9634	1.0683
128.39	500.9634	1.0722
128.4	500.9634	1.0691
128.44	505.439	1.0753
128.45	505.439	1.073
128.52	505.439	1.0761
128.59	505.439	1.0776
128.63	505.439	1.0745
128.7	505.439	1.0761
128.86	506.6324	1.0784
129.06	506.6324	1.0799
129.11	506.6324	1.0815
129.12	506.6324	1.0792
129.32	506.6324	1.0823

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
129.36	506.6324	1.083
129.38	506.6324	1.083
129.59	506.6324	1.0823
129.6	506.6324	1.0799
129.61	506.6324	1.0807
129.61	506.6324	1.0807
129.62	506.6324	1.0807
129.65	507.5276	1.0823
129.99	511.108	1.0893
130.11	511.108	1.0877
130.23	511.108	1.0885
130.4	511.108	1.0931
130.41	511.108	1.09
130.51	511.108	1.0908
130.54	511.108	1.0931
130.57	511.108	1.0939
130.63	511.108	1.09
130.64	511.108	1.09
130.66	511.108	1.0939
130.76	511.108	1.0931
130.81	511.108	1.0939
130.84	511.108	1.0931
130.97	511.108	1.0962
131.15	511.108	1.0962
131.22	511.108	1.0947
131.29	511.108	1.1009
131.3	511.108	1.1009
131.31	511.108	1.1017
131.32	511.108	1.1017
131.33	511.108	1.1025
131.34	511.108	1.1017
131.35	511.108	1.1025
131.36	511.108	1.1025
131.37	511.108	1.1025
131.38	511.108	1.1025
131.39	511.108	1.1025
131.41	511.108	1.1017
131.44	511.108	1.1009
131.55	511.108	1.0994
131.58	511.108	1.097
131.59	511.108	1.097
131.59	511.108	1.0962
131.6	511.108	1.0962
131.61	511.108	1.0955
131.61	511.108	1.0955
131.62	511.108	1.0962
131.63	511.108	1.0955
131.63	511.108	1.0939
131.64	511.108	1.097
131.65	511.108	1.0955
131.66	511.108	1.097
131.84	511.108	1.1009
131.88	511.108	1.1032
131.94	521.2526	1.104

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.99	521.2526	1.104
132.11	521.2526	1.1079
132.12	521.2526	1.104
132.14	521.2526	1.1087
132.16	521.2526	1.1071
132.18	521.2526	1.1063
132.23	521.2526	1.1087
132.24	521.2526	1.1071
132.26	521.2526	1.1071
132.27	521.2526	1.1094
132.29	521.2526	1.1063
132.34	521.2526	1.1071
132.53	521.2526	1.1087
132.58	521.2526	1.1071
132.59	521.2526	1.1079
132.61	521.2526	1.1063
132.62	521.2526	1.1063
132.63	521.2526	1.1056
132.64	521.2526	1.1087
132.66	521.2526	1.1063
132.67	521.2526	1.1056
132.68	521.2526	1.104
132.69	521.2526	1.104
132.73	529.3086	1.1118
132.79	529.3086	1.1125
132.8	529.3086	1.1125
132.82	529.3086	1.1133
132.85	529.3086	1.1118
132.86	529.3086	1.1125
132.88	529.3086	1.1141
132.9	529.3086	1.1118
132.96	529.3086	1.1118
133	529.3086	1.1149
133.03	529.3086	1.1125
133.18	529.3086	1.1118
133.2	529.3086	1.1141
133.22	529.3086	1.1125
133.26	529.3086	1.1141
133.31	529.3086	1.1141
133.35	529.3086	1.1141
133.37	529.3086	1.1141
133.39	529.3086	1.1133
133.4	529.3086	1.1125
133.46	530.5021	1.1164
133.59	530.5021	1.1195
133.61	530.5021	1.1188
133.62	530.5021	1.118
133.67	530.5021	1.1172
133.73	530.5021	1.1203
133.76	530.5021	1.1188
133.87	530.5021	1.1219
133.89	530.5021	1.1188
133.93	530.5021	1.1211
133.99	530.5021	1.118

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
134.01	530.5021	1.1195
134.06	530.5021	1.1211
134.18	530.5021	1.1226
134.23	530.5021	1.125
134.31	530.5021	1.1203
134.33	531.3972	1.1234
134.38	531.3972	1.1257
134.48	531.3972	1.1242
134.65	531.3972	1.1257
134.71	532.5906	1.1281
134.82	532.5906	1.1289
134.84	532.5906	1.1289
134.85	532.5906	1.132
134.86	532.5906	1.1312
134.86	532.5906	1.1289
134.87	532.5906	1.132
134.88	532.5906	1.1304
134.9	532.5906	1.1312
134.92	532.5906	1.1335
134.92	532.5906	1.1327
134.94	532.5906	1.1327
134.96	532.5906	1.1327
135	532.5906	1.1281
135.09	532.5906	1.1265
135.1	532.5906	1.1281
135.12	532.5906	1.1265
135.13	532.5906	1.1304
135.15	532.5906	1.1257
135.15	532.5906	1.1257
135.16	532.5906	1.1242
135.16	532.5906	1.1257
135.17	532.5906	1.1242
135.18	532.5906	1.125
135.19	532.5906	1.1273
135.2	532.5906	1.1257
135.22	532.5906	1.1265
135.31	532.5906	1.1335
135.33	532.5906	1.1343
135.34	532.5906	1.1335
135.36	532.5906	1.1351
135.37	532.5906	1.1351
135.38	532.5906	1.1343
135.4	532.5906	1.1351
135.41	532.5906	1.1351
135.43	532.5906	1.1343
135.44	532.5906	1.1358
135.46	532.5906	1.1358
135.48	532.5906	1.1351
135.52	532.5906	1.1335
135.56	532.5906	1.1327
135.58	532.5906	1.1327
135.61	532.5906	1.132
135.62	532.5906	1.1296
135.63	532.5906	1.1335

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
135.64	532.5906	1.132
135.66	532.5906	1.1289
135.67	532.5906	1.1335
135.67	532.5906	1.1296
135.68	532.5906	1.1312
135.69	532.5906	1.1281
135.7	532.5906	1.1289
135.71	532.5906	1.1304
135.73	543.9287	1.1327
135.8	543.9287	1.1358
135.82	543.9287	1.1397
135.83	543.9287	1.1374
135.84	543.9287	1.1382
135.86	543.9287	1.1374
135.9	543.9287	1.1405
135.91	543.9287	1.1397
135.92	543.9287	1.1374
135.94	543.9287	1.1382
135.96	543.9287	1.1389
135.99	543.9287	1.1374
136.02	543.9287	1.1374
136.09	543.9287	1.1397
136.11	543.9287	1.1358
136.14	543.9287	1.1374
136.17	543.9287	1.1366
136.19	543.9287	1.1374
136.2	543.9287	1.1358
136.21	543.9287	1.1374
136.21	543.9287	1.1358
136.23	543.9287	1.1358
136.24	543.9287	1.1358
136.25	543.9287	1.1366
136.25	543.9287	1.1358
136.27	543.9287	1.1382
136.31	547.5092	1.1366
136.36	547.5092	1.1428
136.38	547.5092	1.1436
136.4	547.5092	1.1397
136.41	547.5092	1.1428
136.42	547.5092	1.1405
136.46	547.5092	1.1421
136.5	547.5092	1.1405
136.51	547.5092	1.1436
136.51	547.5092	1.1444
136.53	547.5092	1.1428
136.57	547.5092	1.1428
136.62	547.5092	1.1444
136.66	547.5092	1.1444
136.73	547.5092	1.1413
136.74	547.5092	1.1413
136.76	547.5092	1.1413
136.77	547.5092	1.1436
136.78	547.5092	1.1397
136.8	547.5092	1.1421

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
136.81	547.5092	1.1436
136.83	547.5092	1.1436
136.84	547.5092	1.1397
136.85	547.5092	1.1397
136.88	550.7912	1.1444
137.2	550.7912	1.1498
137.21	550.7912	1.149
137.23	550.7912	1.1475
137.29	550.7912	1.1506
137.3	550.7912	1.1506
137.31	550.7912	1.1514
137.33	550.7912	1.1506
137.35	550.7912	1.1514
137.36	550.7912	1.1506
137.37	550.7912	1.1506
137.39	550.7912	1.1514
137.41	550.7912	1.1506
137.44	550.7912	1.1514
137.59	550.7912	1.1498
137.62	550.7912	1.1475
137.63	550.7912	1.1483
137.64	550.7912	1.1459
137.64	550.7912	1.1459
137.65	550.7912	1.1483
137.66	550.7912	1.1459
137.66	550.7912	1.1467
137.67	550.7912	1.1475
137.68	550.7912	1.1459
137.68	550.7912	1.1452
137.69	550.7912	1.1467
137.71	550.7912	1.1475
137.78	550.7912	1.1545
137.79	550.7912	1.1553
137.8	550.7912	1.1529
137.83	550.7912	1.1537
137.85	550.7912	1.156
137.87	550.7912	1.1529
137.95	550.7912	1.156
137.99	550.7912	1.1537
138.01	550.7912	1.1553
138.04	550.7912	1.1521
138.06	550.7912	1.1537
138.11	550.7912	1.1514
138.12	550.7912	1.1521
138.14	550.7912	1.1506
138.14	551.9847	1.1537
138.35	551.9847	1.1591
138.37	551.9847	1.1576
138.46	551.9847	1.1584
138.55	551.9847	1.1545
138.69	551.9847	1.1599
138.72	551.9847	1.1576
138.84	551.9847	1.1615
138.92	553.1782	1.1622

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.09	553.1782	1.1646
139.11	553.1782	1.163
139.17	553.1782	1.1622
139.42	553.1782	1.1661
139.44	553.1782	1.1646
139.46	553.1782	1.1638
139.56	568.9918	1.1677
139.59	568.9918	1.1684
139.62	568.9918	1.1661
139.65	568.9918	1.1677
139.67	568.9918	1.17
139.72	568.9918	1.1708
139.73	568.9918	1.1716
139.74	568.9918	1.1716
139.75	568.9918	1.1692
139.76	568.9918	1.1723
139.77	568.9918	1.1723
139.79	568.9918	1.1716
139.8	568.9918	1.1723
139.81	568.9918	1.1708
139.82	568.9918	1.1723
139.83	568.9918	1.1692
139.87	568.9918	1.1723
139.98	568.9918	1.1692
139.99	568.9918	1.1669
140	568.9918	1.1684
140	568.9918	1.1661
140.01	568.9918	1.1661
140.02	568.9918	1.1661
140.03	568.9918	1.1661
140.03	568.9918	1.1653
140.04	568.9918	1.1653
140.05	568.9918	1.1653
140.05	568.9918	1.1661
140.06	568.9918	1.1684
140.08	568.9918	1.1692
140.11	568.9918	1.1684
140.16	568.9918	1.1708
140.22	568.9918	1.1716
140.36	568.9918	1.1739
140.46	568.9918	1.1747
140.5	568.9918	1.1754
140.57	568.9918	1.1747
140.74	568.9918	1.177
140.8	568.9918	1.1762
141.03	568.9918	1.1793
141.08	570.1853	1.1778
141.13	570.1853	1.1801
141.19	571.3788	1.1793
141.3	571.3788	1.184
141.31	571.3788	1.1832
141.33	571.3788	1.184
141.34	571.3788	1.184
141.36	571.3788	1.184

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
141.37	571.3788	1.1848
141.38	571.3788	1.1855
141.4	571.3788	1.184
141.41	571.3788	1.1848
141.43	571.3788	1.184
141.44	571.3788	1.1855
141.46	571.3788	1.1855
141.47	571.3788	1.1855
141.53	571.3788	1.184
141.56	571.3788	1.1832
141.59	571.3788	1.1809
141.6	571.3788	1.1816
141.61	571.3788	1.1785
141.62	571.3788	1.1793
141.63	571.3788	1.1801
141.63	571.3788	1.1824
141.64	571.3788	1.1824
141.65	571.3788	1.1785
141.66	571.3788	1.1832
141.67	571.3788	1.1801
141.68	571.3788	1.1785
141.69	571.3788	1.1832
141.7	571.3788	1.1809
141.78	571.3788	1.1879
141.88	571.3788	1.1863
141.99	578.2413	1.1863
142.04	578.2413	1.1902
142.05	578.2413	1.1886
142.06	578.2413	1.191
142.07	578.2413	1.1917
142.08	578.2413	1.1917
142.09	578.2413	1.1917
142.1	578.2413	1.1917
142.11	578.2413	1.1925
142.12	578.2413	1.1925
142.12	578.2413	1.1933
142.13	578.2413	1.1925
142.14	578.2413	1.1933
142.15	578.2413	1.191
142.17	578.2413	1.191
142.25	578.2413	1.1855
142.28	578.2413	1.1863
142.3	578.2413	1.1871
142.3	578.2413	1.1855
142.31	578.2413	1.1886
142.32	578.2413	1.1871
142.33	578.2413	1.1855
142.34	578.2413	1.1863
142.35	578.2413	1.1855
142.35	578.2413	1.1863
142.36	578.2413	1.1863
142.37	578.2413	1.1863
142.38	578.2413	1.1871
142.41	578.2413	1.1902

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
142.53	578.2413	1.1902
142.66	578.2413	1.1933
142.73	578.2413	1.1941
142.8	578.2413	1.191
143.06	578.2413	1.1964
143.08	578.2413	1.1987
143.09	578.2413	1.2003
143.1	578.2413	1.1972
143.17	578.2413	1.1964
143.23	578.2413	1.1995
143.25	578.2413	1.1995
143.26	578.2413	1.2003
143.29	578.2413	1.2003
143.3	578.2413	1.2003
143.32	578.2413	1.2003
143.34	578.2413	1.2011
143.37	578.2413	1.2003
143.47	578.2413	1.1987
143.49	578.2413	1.198
143.51	578.2413	1.198
143.52	578.2413	1.1987
143.53	578.2413	1.1948
143.54	578.2413	1.1987
143.55	578.2413	1.1972
143.56	578.2413	1.1972
143.57	578.2413	1.198
143.58	578.2413	1.1948
143.59	578.2413	1.1948
143.59	578.2413	1.1948
143.61	578.2413	1.1964
143.67	592.8614	1.2011
143.86	592.8614	1.2049
143.88	592.8614	1.2049
143.9	592.8614	1.2034
143.91	592.8614	1.2065
143.93	592.8614	1.2073
143.94	592.8614	1.2049
143.95	592.8614	1.2065
143.97	592.8614	1.2065
143.98	592.8614	1.2057
143.99	592.8614	1.2042
144.01	592.8614	1.2065
144.04	592.8614	1.2057
144.07	592.8614	1.208
144.08	592.8614	1.2073
144.17	592.8614	1.2026
144.19	592.8614	1.2034
144.21	592.8614	1.2034
144.22	592.8614	1.2011
144.23	592.8614	1.2026
144.24	592.8614	1.2034
144.25	592.8614	1.2026
144.26	592.8614	1.2034
144.27	592.8614	1.2042

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
144.29	592.8614	1.2034
144.3	592.8614	1.2034
144.31	592.8614	1.2011
144.32	592.8614	1.2018
144.34	594.0549	1.2042
144.4	594.0549	1.2104
144.41	594.0549	1.2065
144.44	594.0549	1.208
144.46	594.0549	1.2111
144.47	594.0549	1.208
144.48	594.0549	1.2119
144.5	594.0549	1.2088
144.51	594.0549	1.2111
144.55	594.0549	1.2104
144.57	594.0549	1.208
144.62	594.0549	1.2111
144.65	594.0549	1.2119
144.7	594.0549	1.2111
144.73	594.0549	1.2096
144.75	594.0549	1.208
144.77	594.0549	1.2073
144.79	594.0549	1.2096
144.81	594.0549	1.2088
144.82	594.0549	1.2073
144.83	594.0549	1.2088
144.84	594.0549	1.2096
144.85	594.0549	1.2104
144.86	594.0549	1.2065
144.87	594.0549	1.2096
144.89	594.0549	1.2088
144.9	594.0549	1.2088
144.92	594.0549	1.2104
144.94	596.4419	1.2111
145.28	596.4419	1.2166
145.3	596.4419	1.2174
145.31	596.4419	1.2189
145.32	596.4419	1.2181
145.33	596.4419	1.2181
145.34	596.4419	1.2181
145.35	596.4419	1.2189
145.36	596.4419	1.2181
145.37	596.4419	1.2189
145.38	596.4419	1.2189
145.38	596.4419	1.2189
145.39	596.4419	1.2197
145.41	596.4419	1.2189
145.42	596.4419	1.2181
145.57	596.4419	1.215
145.58	596.4419	1.2127
145.59	596.4419	1.2135
145.6	596.4419	1.2135
145.61	596.4419	1.2127
145.61	596.4419	1.2127
145.62	596.4419	1.2111

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
145.62	596.4419	1.2111
145.63	596.4419	1.2119
145.64	596.4419	1.2119
145.64	596.4419	1.2127
145.65	596.4419	1.2143
145.66	596.4419	1.2158
145.7	597.337	1.215
145.85	597.337	1.2189
145.9	597.337	1.2197
145.94	597.337	1.222
145.99	597.337	1.2197
146.03	597.337	1.2212
146.07	597.337	1.2197
146.09	606.5864	1.2181
146.12	606.5864	1.2236
146.15	606.5864	1.2212
146.18	606.5864	1.2205
146.2	606.5864	1.2205
146.23	606.5864	1.2212
146.25	607.7799	1.2197
146.35	607.7799	1.2259
146.36	607.7799	1.2251
146.38	607.7799	1.2267
146.45	607.7799	1.2267
146.52	607.7799	1.2243
146.55	608.9734	1.2236
146.68	608.9734	1.2282
146.74	608.9734	1.229
146.78	608.9734	1.2275
146.83	608.9734	1.2282
146.86	608.9734	1.2251
146.88	608.9734	1.2259
146.91	608.9734	1.229
146.93	608.9734	1.229
146.97	608.9734	1.2259
146.98	609.8685	1.2259
147.1	609.8685	1.2313
147.12	609.8685	1.229
147.15	609.8685	1.2313
147.18	609.8685	1.2321
147.2	609.8685	1.2329
147.21	609.8685	1.2329
147.23	609.8685	1.2306
147.27	609.8685	1.2337
147.29	609.8685	1.2337
147.3	609.8685	1.2344
147.31	609.8685	1.2344
147.32	609.8685	1.2344
147.33	609.8685	1.2344
147.34	609.8685	1.2337
147.38	609.8685	1.2329
147.45	609.8685	1.2313
147.47	609.8685	1.2306
147.49	609.8685	1.2313

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
147.51	609.8685	1.2306
147.52	609.8685	1.2306
147.53	609.8685	1.2298
147.54	609.8685	1.2298
147.55	609.8685	1.2306
147.56	609.8685	1.2306
147.56	609.8685	1.2306
147.57	609.8685	1.2306
147.58	609.8685	1.2282
147.59	609.8685	1.2313
147.6	609.8685	1.2313
147.62	609.8685	1.2298
147.65	625.9805	1.2337
147.67	625.9805	1.2375
147.68	625.9805	1.2344
147.72	625.9805	1.2383
147.73	625.9805	1.2375
147.75	625.9805	1.236
147.76	625.9805	1.236
147.79	625.9805	1.2391
147.79	625.9805	1.2391
147.8	625.9805	1.2399
147.81	625.9805	1.2368
147.82	625.9805	1.2383
147.87	625.9805	1.2391
147.88	625.9805	1.2391
147.91	625.9805	1.2368
147.93	625.9805	1.2383
147.99	625.9805	1.2375
148.02	625.9805	1.2337
148.03	625.9805	1.2344
148.04	625.9805	1.2368
148.06	625.9805	1.2337
148.07	625.9805	1.2352
148.07	625.9805	1.2344
148.08	625.9805	1.2344
148.09	625.9805	1.2329
148.1	625.9805	1.2329
148.1	625.9805	1.2329
148.11	625.9805	1.2344
148.11	625.9805	1.236
148.13	625.9805	1.2337
148.14	625.9805	1.2375
148.19	625.9805	1.2368
148.22	625.9805	1.2414
148.23	625.9805	1.2414
148.25	625.9805	1.2414
148.27	625.9805	1.2407
148.3	625.9805	1.2399
148.33	625.9805	1.2422
148.35	625.9805	1.243
148.36	625.9805	1.2391
148.43	625.9805	1.2391
148.48	625.9805	1.243

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
148.6	625.9805	1.243
148.63	625.9805	1.2391
148.65	625.9805	1.2414
148.67	625.9805	1.2391
148.68	625.9805	1.2407
148.69	625.9805	1.2391
148.7	625.9805	1.2414
148.7	625.9805	1.2414
148.71	625.9805	1.2414
148.75	625.9805	1.2438
148.88	625.9805	1.2445
148.9	625.9805	1.2445
148.96	625.9805	1.2461
149.01	625.9805	1.2438
149.05	625.9805	1.2476
149.07	625.9805	1.2445
149.1	625.9805	1.2445
149.12	627.174	1.2469
149.13	627.174	1.2476
149.13	627.174	1.2476
149.13	627.174	1.2484
149.15	627.174	1.2492
149.17	627.174	1.2461
149.2	627.174	1.25
149.23	627.174	1.2484
149.28	627.174	1.25
149.29	627.174	1.2492
149.31	627.174	1.2515
149.33	627.174	1.25
149.34	627.174	1.2507
149.36	627.174	1.2507
149.38	627.174	1.2492
149.55	627.174	1.2492
149.57	627.174	1.2484
149.58	627.174	1.2492
149.6	627.174	1.2469
149.6	627.174	1.2484
149.61	627.174	1.2476
149.62	627.174	1.2476
149.63	627.174	1.2453
149.64	627.174	1.2445
149.65	627.174	1.2445
149.65	627.174	1.2445
149.66	627.174	1.2469
149.66	627.174	1.2461
149.68	627.174	1.2484
149.75	627.174	1.2515
149.78	627.174	1.2531
149.79	627.174	1.2562
149.79	627.174	1.2554
149.8	627.174	1.2515
149.84	627.174	1.2546
149.85	627.174	1.2531
149.87	627.174	1.2546

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
149.9	627.174	1.2539
149.91	627.174	1.2546
149.95	627.174	1.2554
149.97	627.174	1.2562
149.98	627.174	1.257
149.99	627.174	1.2531
150.1	627.174	1.2539
150.12	627.174	1.2531
150.13	627.174	1.2515
150.14	627.174	1.2539
150.16	627.174	1.2554
150.18	627.174	1.2539
150.2	627.174	1.2539
150.22	627.174	1.2539
150.23	627.174	1.2539
150.24	627.174	1.2539
150.25	627.174	1.2523
150.26	627.174	1.2515
150.27	627.174	1.2539
150.3	636.1251	1.2546
150.36	636.1251	1.2577
150.37	636.1251	1.2577
150.39	636.1251	1.2601
150.41	636.1251	1.2601
150.42	636.1251	1.2593
150.44	636.1251	1.2608
150.45	636.1251	1.2593
150.51	636.1251	1.2593
150.57	636.1251	1.2593
150.61	636.1251	1.2585
150.66	636.1251	1.2616
150.72	636.1251	1.2585
150.77	636.1251	1.2593
150.79	636.1251	1.2585
150.8	636.1251	1.2577
150.81	636.1251	1.2585
150.82	636.1251	1.257
150.83	636.1251	1.2601
150.85	636.1251	1.2585
150.88	636.1251	1.2616
150.96	636.1251	1.2647
150.98	636.1251	1.2655
150.99	636.1251	1.2616
151.04	636.1251	1.2639
151.08	636.1251	1.2624
151.25	636.1251	1.2639
151.4	636.1251	1.2647
151.42	636.1251	1.2639
151.44	636.1251	1.2647
151.52	636.1251	1.267
151.76	636.1251	1.2686
151.92	636.1251	1.2694
151.99	636.1251	1.2694
152.03	636.1251	1.2717

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
152.09	636.1251	1.2709
152.12	636.1251	1.2717
152.22	636.1251	1.2717
152.25	636.1251	1.2702
152.31	636.1251	1.2748
152.37	636.1251	1.2733
152.54	636.1251	1.2748
152.59	637.3186	1.2748
152.72	637.3186	1.2795
152.73	637.3186	1.2795
152.74	637.3186	1.2787
152.76	637.3186	1.2771
152.81	637.3186	1.2779
152.83	637.3186	1.2771
152.85	637.3186	1.2802
152.86	637.3186	1.281
152.87	637.3186	1.2802
152.88	637.3186	1.281
152.89	637.3186	1.281
152.9	637.3186	1.2787
152.92	637.3186	1.2795
152.97	637.3186	1.2795
153.01	637.3186	1.2764
153.03	637.3186	1.2787
153.06	637.3186	1.2771
153.07	637.3186	1.2795
153.08	637.3186	1.2748
153.09	637.3186	1.2787
153.1	637.3186	1.2779
153.12	637.3186	1.2787
153.13	637.3186	1.2764
153.13	637.3186	1.2764
153.14	637.3186	1.2748
153.15	637.3186	1.2756
153.16	637.3186	1.2787
153.17	638.2137	1.2795
153.6	654.3257	1.2841
153.63	654.3257	1.2857
153.65	654.3257	1.2834
153.72	654.3257	1.2865
153.77	654.3257	1.2849
153.83	654.3257	1.2826
153.85	654.3257	1.2834
153.86	654.3257	1.2865
153.92	654.3257	1.2826
153.96	654.3257	1.2888
153.98	654.3257	1.2896
153.99	654.3257	1.2896
153.99	654.3257	1.2896
154	654.3257	1.2903
154.01	654.3257	1.2888
154.02	654.3257	1.2888
154.06	654.3257	1.2911
154.07	654.3257	1.2919

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
154.08	654.3257	1.2911
154.09	654.3257	1.2911
154.1	654.3257	1.288
154.11	654.3257	1.2927
154.12	654.3257	1.2919
154.13	654.3257	1.2919
154.14	654.3257	1.2896
154.17	654.3257	1.2896
154.21	654.3257	1.2872
154.23	654.3257	1.2857
154.24	654.3257	1.2865
154.25	654.3257	1.2872
154.27	654.3257	1.288
154.28	654.3257	1.2872
154.29	654.3257	1.2841
154.3	654.3257	1.2841
154.3	654.3257	1.2849
154.31	654.3257	1.2849
154.32	654.3257	1.288
154.32	654.3257	1.2872
154.33	654.3257	1.2865
154.35	654.3257	1.2865
154.36	654.3257	1.2857
154.39	655.5191	1.2919
154.41	655.5191	1.2927
154.42	655.5191	1.2896
154.45	655.5191	1.2919
154.48	655.5191	1.2927
154.54	655.5191	1.2911
154.56	655.5191	1.2927
154.59	655.5191	1.2896
154.68	655.5191	1.2942
154.7	655.5191	1.2958
154.81	655.5191	1.2927
154.86	655.5191	1.2927
154.91	656.4142	1.2934
154.96	656.4142	1.2966
155	656.4142	1.2973
155.02	656.4142	1.2958
155.09	656.4142	1.2973
155.21	656.4142	1.2973
155.23	656.4142	1.2973
155.24	656.4142	1.2973
155.53	656.4142	1.2997
155.69	656.4142	1.3035
155.7	656.4142	1.3043
155.71	656.4142	1.3043
155.73	656.4142	1.302
155.74	656.4142	1.3051
155.75	656.4142	1.3051
155.76	656.4142	1.3051
155.77	656.4142	1.3051
155.78	656.4142	1.3028
155.8	656.4142	1.3066

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
155.81	656.4142	1.3059
155.81	656.4142	1.3066
155.82	656.4142	1.3066
155.83	656.4142	1.3066
155.84	656.4142	1.3051
155.86	656.4142	1.3043
155.9	656.4142	1.3004
155.91	656.4142	1.3012
155.92	656.4142	1.2997
155.93	656.4142	1.302
155.94	656.4142	1.302
155.95	656.4142	1.2989
155.96	656.4142	1.2997
155.97	656.4142	1.3004
155.97	656.4142	1.2997
155.98	656.4142	1.3004
155.99	656.4142	1.302
155.99	656.4142	1.2989
156	656.4142	1.2989
156.01	656.4142	1.3012
156.02	656.4142	1.302
156.04	656.4142	1.302
156.24	665.6637	1.3074
156.32	665.6637	1.3066
156.36	665.6637	1.3066
156.51	665.6637	1.3097
156.55	665.6637	1.309
156.67	665.6637	1.3066
156.68	665.6637	1.3066
156.69	665.6637	1.309
156.74	665.6637	1.309
156.77	665.6637	1.3129
156.79	665.6637	1.3082
156.88	665.6637	1.3129
156.9	665.6637	1.3136
156.92	665.6637	1.3121
156.96	665.6637	1.3129
156.97	665.6637	1.3136
157.03	665.6637	1.3144
157.05	665.6637	1.3136
157.07	665.6637	1.3129
157.14	665.6637	1.3113
157.15	665.6637	1.3129
157.17	665.6637	1.3113
157.18	665.6637	1.3097
157.19	665.6637	1.3129
157.19	665.6637	1.3105
157.21	665.6637	1.3129
157.21	665.6637	1.3121
157.23	665.6637	1.3105
157.25	666.5588	1.3136
157.66	666.5588	1.3198
157.68	666.5588	1.3183
157.71	666.5588	1.3191

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
157.74	666.5588	1.3198
157.8	666.5588	1.3167
157.81	666.5588	1.3191
157.89	666.5588	1.3222
157.9	666.5588	1.3214
157.92	666.5588	1.3229
157.94	666.5588	1.3198
157.97	666.5588	1.3198
157.99	666.5588	1.3206
158.18	666.5588	1.3191
158.19	666.5588	1.3222
158.21	666.5588	1.3222
158.24	666.5588	1.3175
158.25	666.5588	1.3214
158.29	677.0018	1.3237
158.31	677.0018	1.3237
158.47	677.0018	1.3237
158.61	677.0018	1.3276
158.63	677.0018	1.3245
158.65	677.0018	1.3253
158.76	677.0018	1.3261
158.81	677.0018	1.3268
158.85	677.0018	1.3284
158.91	677.0018	1.3284
158.93	677.0018	1.3307
158.95	677.0018	1.3307
158.97	677.0018	1.3315
158.99	677.0018	1.3307
159.01	677.0018	1.3315
159.02	677.0018	1.3307
159.04	677.0018	1.3299
159.05	677.0018	1.3315
159.11	677.0018	1.3315
159.14	677.0018	1.3315
159.23	677.0018	1.3299
159.25	677.0018	1.3315
159.28	677.0018	1.3307
159.32	677.0018	1.3307
159.34	677.0018	1.3299
159.35	677.0018	1.3299
159.37	677.0018	1.3299
159.38	677.0018	1.3292
159.39	677.0018	1.3284
159.4	677.0018	1.3299
159.41	677.0018	1.3299
159.62	677.0018	1.3323
159.71	677.8969	1.3346
159.76	677.8969	1.3361
159.83	677.8969	1.3369
159.97	677.8969	1.3385
159.98	677.8969	1.3377
159.99	677.8969	1.3385
160.11	677.8969	1.3377
160.13	677.8969	1.3361

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
160.15	689.5333	1.3385
160.17	689.5333	1.3377
160.23	689.5333	1.3393
160.27	689.5333	1.3408
160.3	689.5333	1.3408
160.37	689.5333	1.3408
160.39	689.5333	1.3439
160.4	689.5333	1.3424
160.42	689.5333	1.3431
160.43	689.5333	1.3439
160.44	689.5333	1.3424
160.47	689.5333	1.3408
160.5	689.5333	1.3439
160.51	689.5333	1.3408
160.56	689.5333	1.3439
160.58	689.5333	1.3447
160.59	689.5333	1.3447
160.61	689.5333	1.3431
160.63	689.5333	1.3447
160.65	689.5333	1.3439
160.68	689.5333	1.3431
160.71	689.5333	1.34
160.72	689.5333	1.3424
160.74	689.5333	1.3393
160.75	689.5333	1.3408
160.76	689.5333	1.3424
160.77	689.5333	1.3424
160.79	689.5333	1.3408
160.8	689.5333	1.3408
160.81	689.5333	1.3408
160.82	689.5333	1.3408
160.83	689.5333	1.3408
160.84	689.5333	1.3408
160.85	689.5333	1.3408
160.86	689.5333	1.3377
160.86	689.5333	1.3416
160.89	689.5333	1.3439
161.02	689.5333	1.3478
161.03	689.5333	1.347
161.05	689.5333	1.3486
161.07	689.5333	1.3486
161.08	689.5333	1.3486
161.1	689.5333	1.347
161.11	689.5333	1.3462
161.16	689.5333	1.3493
161.17	689.5333	1.3501
161.18	689.5333	1.3501
161.19	689.5333	1.3493
161.21	689.5333	1.3478
161.24	689.5333	1.3501
161.26	689.5333	1.3493
161.27	689.5333	1.3493
161.39	689.5333	1.3478
161.4	689.5333	1.347

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.42	689.5333	1.3478
161.43	689.5333	1.347
161.44	689.5333	1.3462
161.45	689.5333	1.3462
161.46	689.5333	1.347
161.47	689.5333	1.3462
161.48	689.5333	1.3462
161.48	689.5333	1.3462
161.49	689.5333	1.3462
161.5	689.5333	1.3462
161.5	689.5333	1.3462
161.51	689.5333	1.3462
161.53	689.5333	1.347
161.79	705.3469	1.3525
161.82	705.3469	1.354
161.86	705.3469	1.354
161.94	705.3469	1.354
161.99	705.3469	1.3532
162.06	705.3469	1.3532
162.08	705.3469	1.3525
162.18	705.3469	1.3548
162.28	705.3469	1.354
162.49	705.3469	1.361
162.51	705.3469	1.361
162.52	705.3469	1.3594
162.57	705.3469	1.361
162.58	705.3469	1.361
162.59	705.3469	1.3625
162.61	705.3469	1.3602
162.62	705.3469	1.3618
162.63	705.3469	1.3602
162.67	705.3469	1.3602
162.69	705.3469	1.3625
162.71	705.3469	1.3625
162.73	705.3469	1.3618
162.75	705.3469	1.3618
162.77	705.3469	1.361
162.83	705.3469	1.3587
162.84	705.3469	1.3602
162.86	705.3469	1.3587
162.88	705.3469	1.3594
162.9	705.3469	1.3594
162.91	705.3469	1.3602
162.92	705.3469	1.3571
162.93	705.3469	1.3587
162.94	705.3469	1.3587
162.95	705.3469	1.3563
162.95	705.3469	1.3594
162.96	705.3469	1.3587
162.96	705.3469	1.3579
162.96	705.3469	1.3594
162.98	705.3469	1.3618
163.18	705.3469	1.3625
163.27	705.3469	1.3649

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
163.29	705.3469	1.3656
163.33	705.3469	1.3664
163.39	705.3469	1.3664
163.48	705.3469	1.3641
163.51	705.3469	1.3649
163.52	705.3469	1.3649
163.53	705.3469	1.3656
163.56	705.3469	1.3664
163.65	705.3469	1.3695
163.68	705.3469	1.3688
163.71	705.3469	1.3664
163.73	705.3469	1.3688
163.83	705.3469	1.3688
163.88	705.3469	1.3688
163.99	705.3469	1.3703
164.02	711.016	1.3688
164.05	711.016	1.3726
164.07	711.016	1.3703
164.1	711.016	1.3703
164.17	711.016	1.3734
164.19	711.016	1.3734
164.26	711.016	1.3734
164.3	711.016	1.3734
164.32	711.016	1.3726
164.35	711.016	1.3742
164.38	711.016	1.3742
164.45	711.016	1.3742
164.48	711.016	1.3726
164.57	711.016	1.3781
164.59	711.016	1.3773
164.61	711.016	1.3757
164.67	711.016	1.3765
164.73	711.016	1.3781
164.74	711.016	1.3788
164.76	711.016	1.3788
164.82	711.016	1.3773
164.91	711.016	1.3781
164.97	711.016	1.3788
165	711.016	1.375
165.01	711.016	1.3788
165.02	711.016	1.3781
165.04	711.016	1.3773
165.06	711.016	1.3773
165.11	711.016	1.3788
165.29	711.016	1.3827
165.32	711.016	1.3827
165.35	711.016	1.3827
165.43	711.016	1.3827
165.52	711.016	1.3827
165.58	711.016	1.3835
165.6	711.016	1.3827
165.62	711.016	1.3804
165.78	711.016	1.3866
165.8	711.016	1.3866

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
165.82	711.016	1.3874
165.84	711.016	1.3858
165.92	711.016	1.3874
165.94	711.016	1.3866
165.98	711.016	1.3874
165.99	711.016	1.3874
166.06	711.016	1.3874
166.09	711.016	1.3874
166.12	711.016	1.3866
166.13	711.016	1.3866
166.15	711.016	1.3866
166.21	723.5475	1.3874
166.27	723.5475	1.3905
166.36	723.5475	1.3905
166.45	723.5475	1.3928
166.48	723.5475	1.392
166.64	723.5475	1.392
166.66	723.5475	1.3913
166.74	723.5475	1.3975
166.75	723.5475	1.3944
166.76	723.5475	1.3952
166.78	723.5475	1.3975
166.79	723.5475	1.3983
166.8	723.5475	1.3983
166.8	723.5475	1.399
166.81	723.5475	1.3983
166.82	723.5475	1.3983
166.82	723.5475	1.399
166.83	723.5475	1.399
166.84	723.5475	1.3983
166.85	723.5475	1.3998
166.85	723.5475	1.3952
166.87	723.5475	1.3952
166.9	723.5475	1.3967
166.93	723.5475	1.3944
167	723.5475	1.392
167.01	723.5475	1.3952
167.03	723.5475	1.3952
167.06	723.5475	1.3952
167.08	723.5475	1.3928
167.09	723.5475	1.3936
167.09	723.5475	1.3944
167.11	723.5475	1.3952
167.13	723.5475	1.3944
167.14	723.5475	1.3928
167.15	723.5475	1.3944
167.16	723.5475	1.3944
167.17	723.5475	1.3944
167.18	723.5475	1.3944
167.19	723.5475	1.3936
167.2	723.5475	1.3952
167.22	723.5475	1.3975
167.55	739.3611	1.3983
167.58	739.3611	1.4021

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.6	739.3611	1.4029
167.62	739.3611	1.4029
167.65	739.3611	1.4037
167.66	739.3611	1.4014
167.68	739.3611	1.4037
167.7	739.3611	1.4029
167.71	739.3611	1.4037
167.73	739.3611	1.4021
167.8	739.3611	1.4045
167.81	739.3611	1.4052
167.82	739.3611	1.4052
167.84	739.3611	1.4029
167.99	739.3611	1.4037
167.99	739.3611	1.4037
168.01	739.3611	1.4045
168.06	739.3611	1.4029
168.07	739.3611	1.4045
168.1	739.3611	1.4037
168.13	739.3611	1.4037
168.14	739.3611	1.4037
168.15	739.3611	1.4029
168.17	739.3611	1.4037
168.18	739.3611	1.4037
168.19	739.3611	1.4029
168.2	739.3611	1.4029
168.33	740.5546	1.4068
168.42	740.5546	1.4076
168.52	740.5546	1.4052
168.56	740.5546	1.4099
168.58	740.5546	1.4099
168.6	740.5546	1.4099
168.62	740.5546	1.4091
168.66	740.5546	1.4115
168.68	740.5546	1.4115
168.7	740.5546	1.4099
168.74	740.5546	1.4115
168.79	740.5546	1.4115
168.82	740.5546	1.4099
168.88	740.5546	1.4115
168.9	740.5546	1.4107
168.91	740.5546	1.4099
168.94	740.5546	1.4099
168.95	740.5546	1.4068
168.96	740.5546	1.4091
169.01	740.5546	1.413
169.04	740.5546	1.413
169.08	740.5546	1.413
169.1	740.5546	1.413
169.17	740.5546	1.4122
169.24	740.5546	1.4138
169.59	756.3682	1.4192
169.66	756.3682	1.4208
169.68	756.3682	1.42
169.69	756.3682	1.4208

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
169.7	756.3682	1.4192
169.72	756.3682	1.4208
169.72	756.3682	1.4208
169.74	756.3682	1.4215
169.76	756.3682	1.4223
169.77	756.3682	1.4215
169.78	756.3682	1.4215
169.79	756.3682	1.4215
169.8	756.3682	1.4215
169.81	756.3682	1.4231
169.82	756.3682	1.4231
169.82	756.3682	1.4223
169.83	756.3682	1.4223
169.84	756.3682	1.4208
169.89	756.3682	1.4184
169.94	756.3682	1.4169
169.96	756.3682	1.4184
169.97	756.3682	1.4184
169.98	756.3682	1.4192
169.99	756.3682	1.4192
170	756.3682	1.4192
170.02	756.3682	1.4192
170.04	756.3682	1.4192
170.05	756.3682	1.4169
170.06	756.3682	1.4192
170.07	756.3682	1.4177
170.07	756.3682	1.4192
170.09	756.3682	1.4192
170.1	756.3682	1.4192
170.11	756.3682	1.42
170.16	756.3682	1.4223
170.21	756.3682	1.4231
170.33	756.3682	1.4208
170.39	756.3682	1.4223
170.41	756.3682	1.4254
170.44	756.3682	1.4223
170.55	756.3682	1.4262
170.64	756.3682	1.4254
170.68	756.3682	1.4262
170.77	756.3682	1.4285
170.82	756.3682	1.4293
170.84	756.3682	1.4293
170.87	756.3682	1.4301
170.88	756.3682	1.4301
170.98	756.3682	1.4293
171.01	756.3682	1.4293
171.03	756.3682	1.427
171.04	756.3682	1.4262
171.05	756.3682	1.427
171.17	756.3682	1.4293
171.2	756.3682	1.4332
171.22	756.3682	1.4332
171.23	756.3682	1.434
171.24	756.3682	1.434

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
171.26	756.3682	1.4332
171.27	756.3682	1.434
171.28	756.3682	1.434
171.29	756.3682	1.4347
171.3	756.3682	1.434
171.31	756.3682	1.434
171.32	756.3682	1.434
171.33	756.3682	1.4347
171.34	756.3682	1.434
171.35	756.3682	1.434
171.37	756.3682	1.4332
171.47	756.3682	1.4324
171.49	756.3682	1.4316
171.51	756.3682	1.4316
171.52	756.3682	1.4316
171.54	756.3682	1.4316
171.55	756.3682	1.4309
171.56	756.3682	1.4316
171.58	756.3682	1.4309
171.59	756.3682	1.4316
171.59	756.3682	1.4316
171.6	756.3682	1.4309
171.61	756.3682	1.4309
171.62	756.3682	1.4309
171.63	756.3682	1.4309
171.64	756.3682	1.4293
171.65	756.3682	1.4324
171.83	765.3193	1.4332
171.85	765.3193	1.4394
171.87	765.3193	1.4363
171.89	765.3193	1.4379
171.9	765.3193	1.4386
171.92	765.3193	1.4386
171.93	765.3193	1.4386
171.95	765.3193	1.4386
171.97	765.3193	1.4402
171.98	765.3193	1.4394
171.99	765.3193	1.4394
172	765.3193	1.4394
172.01	765.3193	1.441
172.03	765.3193	1.4379
172.07	765.3193	1.4379
172.09	765.3193	1.4402
172.11	765.3193	1.4402
172.13	765.3193	1.4363
172.18	765.3193	1.4347
172.19	765.3193	1.4355
172.2	765.3193	1.4347
172.2	765.3193	1.4355
172.21	765.3193	1.4355
172.22	765.3193	1.4363
172.23	765.3193	1.4371
172.24	765.3193	1.4371
172.25	765.3193	1.4363

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
172.26	765.3193	1.4347
172.27	765.3193	1.4332
172.27	765.3193	1.434
172.28	765.3193	1.4371
172.28	765.3193	1.4371
172.29	765.3193	1.4363
172.31	765.3193	1.4379
172.37	769.7949	1.4402
172.4	769.7949	1.4417
172.42	769.7949	1.4417
172.46	769.7949	1.4425
172.51	769.7949	1.4402
172.54	769.7949	1.441
172.56	769.7949	1.4394
172.57	769.7949	1.4425
172.78	769.7949	1.4425
172.82	769.7949	1.4448
172.86	769.7949	1.4456
172.88	769.7949	1.4456
172.91	769.7949	1.4464
173.07	769.7949	1.4464
173.11	769.7949	1.4425
173.11	769.7949	1.4456
173.16	769.7949	1.4464
173.19	769.7949	1.4487
173.22	769.7949	1.4487
173.28	769.7949	1.4487
173.37	769.7949	1.4479
173.39	769.7949	1.4479
173.42	769.7949	1.4472
173.59	769.7949	1.4511
173.72	769.7949	1.4495
173.74	769.7949	1.4511
173.8	770.9884	1.4518
173.89	787.1004	1.4518
173.96	787.1004	1.4565
173.97	787.1004	1.4549
173.98	787.1004	1.4565
173.99	787.1004	1.4565
174	787.1004	1.4542
174.02	787.1004	1.4573
174.03	787.1004	1.458
174.05	787.1004	1.458
174.06	787.1004	1.4557
174.07	787.1004	1.4549
174.09	787.1004	1.4573
174.1	787.1004	1.4573
174.11	787.1004	1.4573
174.12	787.1004	1.458
174.13	787.1004	1.458
174.14	787.1004	1.458
174.15	787.1004	1.4573
174.17	787.1004	1.4573
174.18	787.1004	1.4549

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
174.26	787.1004	1.4534
174.29	787.1004	1.4549
174.31	787.1004	1.4549
174.33	787.1004	1.4549
174.35	787.1004	1.4526
174.35	787.1004	1.4557
174.36	787.1004	1.4549
174.37	787.1004	1.4542
174.38	787.1004	1.4511
174.39	787.1004	1.4526
174.39	787.1004	1.4534
174.4	787.1004	1.4542
174.4	787.1004	1.4518
174.41	787.1004	1.4526
174.42	787.1004	1.4534
174.42	787.1004	1.4534
174.43	787.1004	1.4565
174.57	787.1004	1.4588
174.6	787.1004	1.4573
174.67	787.1004	1.4611
174.71	787.1004	1.4604
174.75	787.1004	1.4611
174.79	787.1004	1.4611
174.88	787.1004	1.4619
174.9	787.1004	1.4611
174.94	787.1004	1.4604
174.96	787.1004	1.4596
175.08	787.1004	1.4635
175.15	787.1004	1.465
175.2	787.1004	1.4635
175.32	787.1004	1.4658
175.36	787.1004	1.4642
175.39	787.1004	1.4642
175.42	787.1004	1.465
175.68	787.1004	1.4689
175.75	787.1004	1.4697
175.84	787.1004	1.4681
175.87	787.1004	1.4697
175.98	787.1004	1.4712
175.99	787.1004	1.4705
176.01	787.1004	1.4728
176.04	787.1004	1.4712
176.09	787.1004	1.4705
176.12	787.1004	1.472
176.16	787.1004	1.4712
176.17	787.1004	1.472
176.2	787.1004	1.4712
176.31	787.1004	1.4743
176.43	787.1004	1.4743
176.47	799.3335	1.4751
176.51	799.3335	1.4767
176.52	799.3335	1.4767
176.54	799.3335	1.4774
176.56	799.3335	1.4767

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
176.59	799.3335	1.4767
176.6	799.3335	1.4774
176.62	799.3335	1.4774
176.64	799.3335	1.4782
176.65	799.3335	1.4751
176.69	799.3335	1.479
176.71	799.3335	1.4782
176.72	799.3335	1.479
176.73	799.3335	1.4774
176.76	799.3335	1.4782
176.78	799.3335	1.4782
176.81	799.3335	1.479
176.86	799.3335	1.4767
176.89	799.3335	1.4767
176.91	799.3335	1.4736
176.91	799.3335	1.4774
176.92	799.3335	1.4767
176.94	799.3335	1.4743
176.94	799.3335	1.4759
176.95	799.3335	1.472
176.96	799.3335	1.4759
176.96	799.3335	1.4759
176.97	799.3335	1.4759
176.98	799.3335	1.4767
176.98	799.3335	1.4759
176.98	799.3335	1.4743
176.99	799.3335	1.4751
177.05	799.3335	1.4782
177.09	799.3335	1.4821
177.11	799.3335	1.4821
177.12	799.3335	1.479
177.17	799.3335	1.4806
177.19	799.3335	1.4821
177.21	799.3335	1.4813
177.26	799.3335	1.4821
177.3	799.3335	1.4821
177.34	799.3335	1.4821
177.46	799.3335	1.4821
177.49	799.3335	1.4821
177.51	799.3335	1.4821
177.52	799.3335	1.4821
177.54	799.3335	1.4813
177.55	799.3335	1.4813
177.56	799.3335	1.4813
177.58	799.3335	1.4806
177.6	799.3335	1.4837
177.69	799.3335	1.4852
177.82	799.3335	1.4852
177.86	799.3335	1.4875
177.96	799.3335	1.486
177.99	799.3335	1.486
178.03	799.3335	1.4883
178.06	799.3335	1.486
178.1	799.3335	1.4883

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
178.14	799.3335	1.4875
178.2	799.3335	1.4906
178.22	799.3335	1.4883
178.25	799.3335	1.4891
178.32	799.3335	1.4875
178.39	799.3335	1.4906
178.43	799.3335	1.4914
178.46	799.3335	1.4914
178.5	799.3335	1.4922
178.53	799.3335	1.493
178.55	799.3335	1.4938
178.58	799.3335	1.493
178.6	799.3335	1.4899
178.64	799.3335	1.4938
178.75	799.3335	1.493
178.81	799.3335	1.4938
178.82	799.3335	1.4938
178.87	799.3335	1.493
178.89	799.3335	1.493
178.91	799.3335	1.493
178.92	799.3335	1.493
178.93	799.3335	1.4914
178.94	799.3335	1.493
178.95	799.3335	1.4922
178.97	799.3335	1.493
179.01	813.0586	1.493
179.04	813.0586	1.4984
179.06	813.0586	1.4976
179.07	813.0586	1.4984
179.09	813.0586	1.4984
179.1	813.0586	1.4984
179.12	813.0586	1.5
179.13	813.0586	1.4992
179.14	813.0586	1.4992
179.15	813.0586	1.4992
179.16	813.0586	1.5
179.17	813.0586	1.5
179.18	813.0586	1.4961
179.21	813.0586	1.5
179.22	813.0586	1.5
179.24	813.0586	1.4992
179.26	813.0586	1.4992
179.28	813.0586	1.4984
179.35	813.0586	1.4969
179.37	813.0586	1.4976
179.39	813.0586	1.4969
179.41	813.0586	1.4969
179.42	813.0586	1.4953
179.43	813.0586	1.4953
179.44	813.0586	1.4961
179.45	813.0586	1.4961
179.46	813.0586	1.4961
179.46	813.0586	1.4969
179.47	813.0586	1.4945

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
179.48	813.0586	1.4953
179.49	813.0586	1.4961
179.49	813.0586	1.4953
179.5	813.0586	1.4961
179.51	813.0586	1.4969
179.59	813.0586	1.5007
179.74	813.0586	1.5015
179.78	813.0586	1.5046
179.8	813.0586	1.5046
179.81	813.0586	1.5054
179.82	813.0586	1.5023
179.84	813.0586	1.5054
179.85	813.0586	1.5054
179.86	813.0586	1.5062
179.88	813.0586	1.5054
179.88	813.0586	1.5062
179.89	813.0586	1.5062
179.9	813.0586	1.5054
179.92	813.0586	1.5062
179.94	813.0586	1.5062
179.95	813.0586	1.5023
179.99	813.0586	1.5062
180.01	813.0586	1.5023
180.03	813.0586	1.5007
180.04	813.0586	1.5015
180.05	813.0586	1.5023
180.06	813.0586	1.5031
180.07	813.0586	1.5038
180.09	813.0586	1.5038
180.1	813.0586	1.5
180.11	813.0586	1.5023
180.12	813.0586	1.5015
180.12	813.0586	1.5023
180.13	813.0586	1.5023
180.14	813.0586	1.5007
180.15	813.0586	1.5023
180.16	813.0586	1.5023
180.17	813.0586	1.5031
180.18	813.0586	1.5031
180.31	813.9537	1.5062
180.4	813.9537	1.5038
180.42	813.9537	1.5054
180.48	813.9537	1.5093
180.5	813.9537	1.5108
180.52	813.9537	1.5108
180.52	813.9537	1.5108
180.53	813.9537	1.5108
180.54	813.9537	1.5116
180.55	813.9537	1.5124
180.56	813.9537	1.5124
180.57	813.9537	1.5132
180.58	813.9537	1.5116
180.58	813.9537	1.5116
180.59	813.9537	1.5124

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
180.6	813.9537	1.5132
180.61	813.9537	1.5132
180.62	813.9537	1.5116
180.63	813.9537	1.5116
180.64	813.9537	1.5116
180.66	813.9537	1.5101
180.74	813.9537	1.5093
180.77	813.9537	1.5093
180.79	813.9537	1.5069
180.8	813.9537	1.5093
180.81	813.9537	1.5054
180.81	813.9537	1.5062
180.82	813.9537	1.5077
180.83	813.9537	1.5062
180.83	813.9537	1.5062
180.84	813.9537	1.5077
180.84	813.9537	1.5069
180.85	813.9537	1.5077
180.86	813.9537	1.5077
180.86	813.9537	1.5077
180.87	813.9537	1.5077
180.88	813.9537	1.5085
180.89	813.9537	1.5093
180.92	813.9537	1.5108
180.97	830.0656	1.5116
181	830.0656	1.5147
181.01	830.0656	1.5155
181.02	830.0656	1.5163
181.03	830.0656	1.5155
181.04	830.0656	1.5163
181.05	830.0656	1.517
181.06	830.0656	1.5163
181.07	830.0656	1.5124
181.09	830.0656	1.5163
181.1	830.0656	1.5163
181.1	830.0656	1.517
181.11	830.0656	1.517
181.12	830.0656	1.517
181.13	830.0656	1.517
181.14	830.0656	1.5132
181.16	830.0656	1.517
181.17	830.0656	1.5155
181.18	830.0656	1.5139
181.22	830.0656	1.5132
181.28	830.0656	1.5139
181.31	830.0656	1.5139
181.33	830.0656	1.5124
181.35	830.0656	1.5139
181.36	830.0656	1.5124
181.37	830.0656	1.5132
181.38	830.0656	1.5116
181.39	830.0656	1.5124
181.39	830.0656	1.5116
181.4	830.0656	1.5124

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.41	830.0656	1.5116
181.42	830.0656	1.5116
181.42	830.0656	1.5116
181.43	830.0656	1.5116
181.44	830.0656	1.5116
181.44	830.0656	1.5124
181.45	830.0656	1.5124
181.46	830.0656	1.5124
181.54	830.0656	1.5186
181.56	830.0656	1.5186
181.63	830.0656	1.5178
181.67	830.0656	1.517
181.94	830.0656	1.5209
181.99	830.0656	1.5209
182.03	830.0656	1.5201
182.23	830.0656	1.5248
182.24	830.0656	1.5248
182.26	830.0656	1.524
182.28	830.0656	1.524
182.32	830.0656	1.5248
182.34	830.0656	1.5248
182.36	830.0656	1.5248
182.38	830.0656	1.5256
182.39	830.0656	1.5264
182.41	830.0656	1.524
182.43	830.0656	1.5271
182.45	830.0656	1.5271
182.46	830.0656	1.5264
182.48	830.0656	1.5264
182.52	830.0656	1.5256
182.61	830.0656	1.5248
182.64	830.0656	1.5217
182.64	830.0656	1.5233
182.65	830.0656	1.5248
182.67	830.0656	1.5248
182.68	830.0656	1.524
182.69	830.0656	1.524
182.7	830.0656	1.524
182.71	830.0656	1.524
182.72	830.0656	1.5248
182.73	830.0656	1.5233
182.74	830.0656	1.5248
182.75	830.0656	1.5217
182.76	830.0656	1.5248
182.77	830.0656	1.5248
182.99	830.0656	1.5302
183.01	830.0656	1.531
183.03	830.0656	1.531
183.06	830.0656	1.5302
183.08	830.0656	1.531
183.11	830.0656	1.5318
183.14	830.0656	1.531
183.16	830.0656	1.5318
183.35	830.0656	1.5302

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.37	830.0656	1.5302
183.38	830.0656	1.531
183.4	830.0656	1.5295
183.41	830.0656	1.5302
183.42	830.0656	1.5295
183.43	830.0656	1.5295
183.44	830.0656	1.5302
183.55	839.0168	1.5326
183.58	839.0168	1.5357
183.65	839.0168	1.5341
183.71	839.0168	1.5357
183.74	839.0168	1.5357
183.76	839.0168	1.5349
183.82	839.0168	1.5365
183.84	839.0168	1.5365
183.91	839.0168	1.5349
183.92	839.0168	1.5341
183.93	839.0168	1.5365
183.95	839.0168	1.5349
183.99	839.0168	1.5349
184.04	839.0168	1.5388
184.05	839.0168	1.5396
184.06	839.0168	1.5396
184.08	839.0168	1.5403
184.1	839.0168	1.5396
184.12	839.0168	1.5396
184.14	839.0168	1.5411
184.15	839.0168	1.5388
184.18	839.0168	1.5403
184.19	839.0168	1.5388
184.22	839.0168	1.5411
184.24	839.0168	1.5411
184.25	839.0168	1.5411
184.27	839.0168	1.538
184.32	839.0168	1.5403
184.42	839.0168	1.5388
184.43	839.0168	1.5388
184.44	839.0168	1.538
184.45	839.0168	1.538
184.46	839.0168	1.5388
184.47	839.0168	1.538
184.48	839.0168	1.5357
184.48	839.0168	1.5357
184.49	839.0168	1.5372
184.49	839.0168	1.5388
184.5	839.0168	1.5396
184.51	839.0168	1.5388
184.52	839.0168	1.5388
184.53	839.0168	1.5388
184.55	839.0168	1.5388
184.57	847.9679	1.5411
184.63	847.9679	1.5434
184.65	847.9679	1.5442
184.68	847.9679	1.5442

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
184.7	847.9679	1.5442
184.74	847.9679	1.5434
184.8	847.9679	1.545
184.93	847.9679	1.5419
184.95	847.9679	1.5427
184.96	847.9679	1.5434
184.98	847.9679	1.5442
185	847.9679	1.5411
185.03	847.9679	1.5434
185.07	847.9679	1.5481
185.08	847.9679	1.5481
185.1	847.9679	1.5473
185.12	847.9679	1.5489
185.13	847.9679	1.5473
185.17	847.9679	1.5497
185.18	847.9679	1.5497
185.2	847.9679	1.5489
185.21	847.9679	1.5497
185.22	847.9679	1.5497
185.24	847.9679	1.5497
185.25	847.9679	1.5497
185.26	847.9679	1.5504
185.27	847.9679	1.5504
185.29	847.9679	1.5497
185.3	847.9679	1.5489
185.45	847.9679	1.5481
185.48	847.9679	1.5481
185.5	847.9679	1.5481
185.51	847.9679	1.5489
185.53	847.9679	1.5481
185.54	847.9679	1.5481
185.55	847.9679	1.5465
185.55	847.9679	1.5465
185.56	847.9679	1.5458
185.57	847.9679	1.5473
185.57	847.9679	1.5465
185.58	847.9679	1.5442
185.59	847.9679	1.5458
185.59	847.9679	1.5481
185.6	847.9679	1.5481
185.65	847.9679	1.5512
185.79	847.9679	1.5535
185.82	847.9679	1.5535
185.86	847.9679	1.5543
185.88	847.9679	1.5535
185.97	847.9679	1.5512
185.98	847.9679	1.5512
185.98	847.9679	1.552
185.99	847.9679	1.5512
186.07	847.9679	1.5559
186.1	847.9679	1.5559
186.12	847.9679	1.5566
186.14	847.9679	1.5566
186.16	847.9679	1.5566

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
186.18	847.9679	1.5535
186.32	847.9679	1.5574
186.35	847.9679	1.5543
186.36	847.9679	1.5574
186.37	847.9679	1.5559
186.41	847.9679	1.5559
186.44	847.9679	1.5566
186.45	847.9679	1.5535
186.47	847.9679	1.5551
186.57	855.7255	1.559
186.61	855.7255	1.5582
186.65	855.7255	1.5566
186.68	855.7255	1.5613
186.7	855.7255	1.5613
186.72	855.7255	1.5621
186.74	855.7255	1.5613
186.78	855.7255	1.5621
186.8	855.7255	1.5621
186.83	855.7255	1.5628
186.85	855.7255	1.5621
186.88	855.7255	1.5621
186.9	855.7255	1.5636
186.92	855.7255	1.5628
186.95	855.7255	1.5628
186.98	855.7255	1.5628
187.02	855.7255	1.5628
187.12	855.7255	1.559
187.13	855.7255	1.5597
187.14	855.7255	1.5621
187.15	855.7255	1.5613
187.17	855.7255	1.5621
187.18	855.7255	1.5613
187.2	855.7255	1.5621
187.21	855.7255	1.5621
187.22	855.7255	1.5613
187.23	855.7255	1.5613
187.24	855.7255	1.5613
187.24	855.7255	1.5605
187.25	855.7255	1.5605
187.27	855.7255	1.5628
187.75	871.8375	1.5683
187.77	871.8375	1.5706
187.79	871.8375	1.5675
187.84	871.8375	1.5706
187.91	871.8375	1.5706
187.93	871.8375	1.5714
187.94	871.8375	1.5714
187.98	871.8375	1.5729
188	871.8375	1.5729
188.02	871.8375	1.5737
188.03	871.8375	1.5714
188.08	871.8375	1.5729
188.09	871.8375	1.5729
188.11	871.8375	1.5737

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
188.11	871.8375	1.5729
188.11	871.8375	1.5729
188.12	871.8375	1.5737
188.12	871.8375	1.5737
188.13	871.8375	1.5745
188.14	871.8375	1.5737
188.15	871.8375	1.5745
188.16	871.8375	1.5745
188.29	871.8375	1.5706
188.3	871.8375	1.5722
188.32	871.8375	1.5683
188.33	871.8375	1.5683
188.33	871.8375	1.5698
188.34	871.8375	1.5698
188.34	871.8375	1.5683
188.35	871.8375	1.5714
188.36	871.8375	1.5722
188.36	871.8375	1.5714
188.38	871.8375	1.5706
188.39	871.8375	1.5714
188.4	871.8375	1.5714
188.41	871.8375	1.5714
188.42	871.8375	1.5722
188.45	871.8375	1.5745
188.55	875.1195	1.5753
188.57	875.1195	1.5776
188.59	875.1195	1.5768
188.61	875.1195	1.5776
188.62	875.1195	1.5776
188.64	875.1195	1.5776
188.65	875.1195	1.5784
188.66	875.1195	1.5784
188.68	875.1195	1.5784
188.7	875.1195	1.5792
188.71	875.1195	1.5792
188.72	875.1195	1.5792
188.74	875.1195	1.5768
188.76	875.1195	1.5799
188.77	875.1195	1.5799
188.79	875.1195	1.5799
188.8	875.1195	1.5768
188.83	875.1195	1.5792
188.88	875.1195	1.5784
188.94	875.1195	1.5768
188.95	875.1195	1.576
188.96	875.1195	1.5768
188.97	875.1195	1.5776
188.98	875.1195	1.5768
188.99	875.1195	1.5768
189	875.1195	1.5737
189.01	875.1195	1.5768
189.02	875.1195	1.5768
189.02	875.1195	1.576
189.03	875.1195	1.5768

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
189.04	875.1195	1.576
189.05	875.1195	1.5768
189.06	875.1195	1.5768
189.08	875.1195	1.5776
189.58	875.1195	1.5846
189.68	875.1195	1.5838
189.8	875.1195	1.5861
189.83	875.1195	1.5869
189.88	875.1195	1.5869
189.95	875.1195	1.5877
189.98	875.1195	1.5877
190.02	875.1195	1.5861
190.04	875.1195	1.5869
190.15	877.2081	1.5885
190.21	877.2081	1.59
190.35	877.2081	1.5908
190.37	877.2081	1.5908
190.41	877.2081	1.5916
190.49	877.2081	1.5916
190.54	877.2081	1.5916
190.58	877.2081	1.5908
190.64	877.2081	1.5924
190.68	877.2081	1.5939
190.82	877.2081	1.5931
190.84	877.2081	1.5962
190.86	877.2081	1.5955
190.88	877.2081	1.5962
190.89	877.2081	1.597
190.91	877.2081	1.5978
190.92	877.2081	1.5978
190.93	877.2081	1.5962
190.95	877.2081	1.5978
190.96	877.2081	1.597
190.99	877.2081	1.5978
191	877.2081	1.5978
191.01	877.2081	1.5978
191.03	877.2081	1.5962
191.05	877.2081	1.5986
191.06	877.2081	1.5978
191.07	877.2081	1.597
191.11	877.2081	1.5978
191.23	877.2081	1.5955
191.24	877.2081	1.5955
191.25	877.2081	1.5955
191.26	877.2081	1.5955
191.28	877.2081	1.5955
191.28	877.2081	1.5955
191.29	877.2081	1.5947
191.3	877.2081	1.5939
191.31	877.2081	1.5939
191.32	877.2081	1.5947
191.32	877.2081	1.5939
191.33	877.2081	1.5947
191.33	877.2081	1.5947

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
191.34	877.2081	1.5939
191.35	877.2081	1.5947
191.35	877.2081	1.5947
191.38	877.2081	1.5978
191.53	877.2081	1.6017
191.55	877.2081	1.6024
191.57	877.2081	1.6024
191.59	877.2081	1.6032
191.62	877.2081	1.6032
191.64	877.2081	1.6001
191.7	877.2081	1.6032
191.72	877.2081	1.6032
191.74	877.2081	1.6032
191.75	877.2081	1.6032
191.77	877.2081	1.604
191.79	877.2081	1.604
191.81	877.2081	1.604
191.83	877.2081	1.604
191.85	877.2081	1.604
191.87	877.2081	1.604
191.91	877.2081	1.6024
191.94	877.2081	1.604
191.96	877.2081	1.6009
191.98	877.2081	1.6017
191.98	877.2081	1.6032
192	877.2081	1.6024
192.02	877.2081	1.6032
192.03	877.2081	1.6024
192.05	877.2081	1.6017
192.05	877.2081	1.6009
192.06	877.2081	1.6017
192.07	877.2081	1.6017
192.08	877.2081	1.6017
192.09	877.2081	1.6009
192.09	877.2081	1.6009
192.11	877.2081	1.6017
192.3	877.2081	1.6079
192.32	877.2081	1.6087
192.33	877.2081	1.6094
192.34	877.2081	1.6094
192.35	877.2081	1.6087
192.38	877.2081	1.6094
192.39	877.2081	1.6102
192.4	877.2081	1.6102
192.41	877.2081	1.611
192.42	877.2081	1.6102
192.43	877.2081	1.6118
192.44	877.2081	1.6118
192.45	877.2081	1.6079
192.48	877.2081	1.6087
192.49	877.2081	1.6071
192.52	877.2081	1.6094
192.54	877.2081	1.6079
192.6	877.2081	1.6079

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
192.65	877.2081	1.6048
192.66	877.2081	1.6079
192.67	877.2081	1.604
192.68	877.2081	1.6063
192.69	877.2081	1.6087
192.7	877.2081	1.6071
192.71	877.2081	1.6079
192.71	877.2081	1.6063
192.72	877.2081	1.6063
192.73	877.2081	1.6071
192.74	877.2081	1.6071
192.75	877.2081	1.6071
192.76	877.2081	1.6071
192.77	877.2081	1.6063
192.77	877.2081	1.6071
192.78	877.2081	1.6087
192.89	887.3527	1.6094
192.95	887.3527	1.6149
192.97	887.3527	1.6125
193	887.3527	1.6125
193.03	887.3527	1.6149
193.04	887.3527	1.6149
193.05	887.3527	1.6156
193.06	887.3527	1.6141
193.07	887.3527	1.6133
193.09	887.3527	1.6172
193.1	887.3527	1.6172
193.1	887.3527	1.6164
193.11	887.3527	1.6172
193.12	887.3527	1.6172
193.13	887.3527	1.6156
193.14	887.3527	1.6172
193.14	887.3527	1.6149
193.15	887.3527	1.6125
193.2	887.3527	1.6156
193.3	887.3527	1.6133
193.32	887.3527	1.6125
193.33	887.3527	1.6133
193.34	887.3527	1.6133
193.36	887.3527	1.6125
193.37	887.3527	1.6125
193.38	887.3527	1.6125
193.38	887.3527	1.6118
193.39	887.3527	1.6118
193.4	887.3527	1.6118
193.4	887.3527	1.611
193.41	887.3527	1.6118
193.42	887.3527	1.6118
193.42	887.3527	1.6118
193.43	887.3527	1.6118
193.44	887.3527	1.6133
193.45	887.3527	1.6133
193.54	887.3527	1.6172
193.57	887.3527	1.6187

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.6	887.3527	1.6187
193.62	887.3527	1.6187
193.65	887.3527	1.6187
193.67	887.3527	1.6187
193.69	887.3527	1.6195
193.71	887.3527	1.6172
193.74	887.3527	1.6203
193.75	887.3527	1.6203
193.77	887.3527	1.6203
193.79	887.3527	1.6203
193.81	887.3527	1.6211
193.83	887.3527	1.6203
193.85	887.3527	1.6211
193.87	887.3527	1.6211
193.9	887.3527	1.6203
193.98	887.3527	1.6195
194.02	887.3527	1.6195
194.04	887.3527	1.6195
194.06	887.3527	1.6195
194.08	887.3527	1.6187
194.09	887.3527	1.6156
194.09	887.3527	1.6187
194.1	887.3527	1.6187
194.11	887.3527	1.6187
194.11	887.3527	1.6187
194.12	887.3527	1.6172
194.13	887.3527	1.6187
194.14	887.3527	1.618
194.14	887.3527	1.6187
194.15	887.3527	1.6187
194.18	887.3527	1.6203
194.75	887.3527	1.6288
194.77	887.3527	1.6281
194.81	887.3527	1.6288
194.84	887.3527	1.6288
194.86	887.3527	1.6288
194.88	887.3527	1.6296
194.9	887.3527	1.6296
194.93	887.3527	1.6288
194.95	887.3527	1.6304
195.04	887.3527	1.6281
195.16	887.3527	1.6296
195.18	887.3527	1.6288
195.21	887.3527	1.6288
195.22	887.3527	1.6296
195.23	887.3527	1.6281
195.24	887.3527	1.6281
195.25	887.3527	1.6281
195.26	887.3527	1.6273
195.27	887.3527	1.6273
195.28	887.3527	1.6288
195.32	896.3038	1.6304
195.49	896.3038	1.6335
195.71	896.3038	1.6351

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
195.74	896.3038	1.6358
195.77	896.3038	1.6366
195.8	896.3038	1.6366
195.83	896.3038	1.6335
195.89	896.3038	1.6374
195.98	896.3038	1.6374
196.01	896.3038	1.6374
196.02	896.3038	1.6366
196.12	900.7794	1.6366
196.16	900.7794	1.6397
196.21	900.7794	1.6405
196.23	900.7794	1.6413
196.26	900.7794	1.6413
196.28	900.7794	1.642
196.4	900.7794	1.6413
196.45	900.7794	1.6413
196.53	900.7794	1.6413
196.56	900.7794	1.6413
196.6	900.7794	1.6382
196.61	900.7794	1.6366
196.61	900.7794	1.6389
196.62	900.7794	1.6405
196.65	900.7794	1.6436
196.67	900.7794	1.6436
196.75	900.7794	1.6444
196.8	900.7794	1.6451
196.86	900.7794	1.6444
196.89	900.7794	1.6444
197.08	900.7794	1.6475
197.11	900.7794	1.6475
197.14	900.7794	1.6482
197.18	900.7794	1.6482
197.34	900.7794	1.6475
197.36	900.7794	1.6467
197.38	900.7794	1.6459
197.39	900.7794	1.6459
197.44	900.7794	1.649
197.49	900.7794	1.6498
197.56	900.7794	1.6506
197.64	900.7794	1.6529
197.66	900.7794	1.6537
197.67	900.7794	1.6537
197.68	900.7794	1.6545
197.69	900.7794	1.6552
197.7	900.7794	1.6545
197.71	900.7794	1.6545
197.72	900.7794	1.6545
197.73	900.7794	1.6552
197.74	900.7794	1.6552
197.75	900.7794	1.6552
197.75	900.7794	1.6552
197.76	900.7794	1.6552
197.77	900.7794	1.6545
197.78	900.7794	1.656

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
197.79	900.7794	1.6552
197.8	900.7794	1.6545
197.81	900.7794	1.6537
197.85	900.7794	1.6529
197.9	900.7794	1.6521
197.92	900.7794	1.6521
197.94	900.7794	1.6514
197.95	900.7794	1.6521
197.97	900.7794	1.649
197.98	900.7794	1.6467
197.98	900.7794	1.6514
197.98	900.7794	1.6514
197.99	900.7794	1.6506
197.99	900.7794	1.6514
198	900.7794	1.6506
198.01	900.7794	1.6498
198.02	900.7794	1.6514
198.03	900.7794	1.6514
198.03	900.7794	1.6506
198.04	900.7794	1.6506
198.05	900.7794	1.6514
198.06	900.7794	1.6521
198.07	900.7794	1.6521
198.51	904.0614	1.6583
198.54	904.0614	1.6591
198.58	904.0614	1.6576
198.79	904.0614	1.6583
198.98	904.0614	1.6614
199.23	904.0614	1.6661
199.26	904.0614	1.6653
199.4	904.0614	1.6653
199.43	904.0614	1.6646
199.55	904.0614	1.6677
199.67	904.0614	1.6669
199.74	904.0614	1.6708
199.75	904.0614	1.6708
199.76	904.0614	1.6708
199.77	904.0614	1.6708
199.78	904.0614	1.6715
199.79	904.0614	1.6715
199.8	904.0614	1.6715
199.81	904.0614	1.6723
199.82	904.0614	1.6731
199.83	904.0614	1.6731
199.84	904.0614	1.6739
199.84	904.0614	1.6723
199.85	904.0614	1.6723
199.86	904.0614	1.6731
199.87	904.0614	1.6731
199.88	904.0614	1.6715
199.89	904.0614	1.6715
199.91	904.0614	1.67
199.96	904.0614	1.6669
199.97	904.0614	1.6661

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
199.98	904.0614	1.6677
199.98	904.0614	1.6684
199.99	904.0614	1.6692
200	904.0614	1.6684
200.01	904.0614	1.6684
200.03	904.0614	1.6677
200.04	904.0614	1.6677
200.05	904.0614	1.6684
200.06	904.0614	1.6684
200.07	904.0614	1.6677
200.08	904.0614	1.6677
200.09	904.0614	1.6669
200.09	904.0614	1.6661
200.1	904.0614	1.6669
200.11	904.0614	1.6692
200.11	904.0614	1.6692
200.31	909.4321	1.6723
200.36	909.4321	1.6754
200.38	909.4321	1.6723
200.46	909.4321	1.6754
200.52	909.4321	1.6754
200.65	909.4321	1.6754
200.67	909.4321	1.6723
200.68	909.4321	1.6746
200.8	909.4321	1.6731
200.82	925.5441	1.6778
200.84	925.5441	1.6793
200.85	925.5441	1.6793
200.86	925.5441	1.6785
200.88	925.5441	1.6801
200.89	925.5441	1.6793
200.9	925.5441	1.6809
200.92	925.5441	1.6809
200.93	925.5441	1.6809
200.94	925.5441	1.6809
200.95	925.5441	1.6809
200.96	925.5441	1.6816
200.97	925.5441	1.6816
200.98	925.5441	1.6824
200.99	925.5441	1.6824
201	925.5441	1.6824
201.01	925.5441	1.6816
201.02	925.5441	1.6824
201.03	925.5441	1.6824
201.04	925.5441	1.6809
201.05	925.5441	1.6778
201.07	925.5441	1.6778
201.2	925.5441	1.6801
201.24	925.5441	1.6793
201.25	925.5441	1.6793
201.27	925.5441	1.6793
201.28	925.5441	1.6793
201.29	925.5441	1.6785
201.3	925.5441	1.6785

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
201.31	925.5441	1.6793
201.32	925.5441	1.6785
201.33	925.5441	1.6778
201.34	925.5441	1.6778
201.34	925.5441	1.6778
201.35	925.5441	1.677
201.36	925.5441	1.677
201.36	925.5441	1.6778
201.37	925.5441	1.6785
201.56	925.5441	1.684
201.72	925.5441	1.6847
201.83	925.5441	1.6878
201.85	925.5441	1.6855
201.87	925.5441	1.6886
201.89	925.5441	1.6878
201.9	925.5441	1.6878
201.92	925.5441	1.6894
201.93	925.5441	1.6886
201.95	925.5441	1.6878
201.97	925.5441	1.6894
201.98	925.5441	1.6886
201.99	925.5441	1.6863
202.03	925.5441	1.6894
202.05	925.5441	1.6871
202.1	925.5441	1.6894
202.19	925.5441	1.6894
202.21	925.5441	1.6902
202.3	925.5441	1.6886
202.32	925.5441	1.6886
202.34	925.5441	1.6886
202.36	925.5441	1.6878
202.38	925.5441	1.6886
202.38	925.5441	1.6871
202.39	925.5441	1.6871
202.4	925.5441	1.6871
202.41	925.5441	1.6871
202.42	925.5441	1.6878
202.43	925.5441	1.6871
202.43	925.5441	1.6871
202.44	925.5441	1.6871
202.45	925.5441	1.6878
202.45	925.5441	1.6863
202.48	925.5441	1.6878
202.76	925.5441	1.6956
202.77	925.5441	1.6956
202.79	925.5441	1.6956
202.8	925.5441	1.6964
202.81	925.5441	1.6964
202.83	925.5441	1.6972
202.84	925.5441	1.6972
202.85	925.5441	1.6956
202.89	925.5441	1.6979
202.9	925.5441	1.6972
202.91	925.5441	1.6979

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.92	925.5441	1.6979
202.93	925.5441	1.6979
202.94	925.5441	1.6941
202.96	925.5441	1.6979
202.98	925.5441	1.6972
202.99	925.5441	1.6964
203.08	925.5441	1.6956
203.1	925.5441	1.6941
203.11	925.5441	1.6948
203.12	925.5441	1.6948
203.14	925.5441	1.6941
203.15	925.5441	1.6941
203.16	925.5441	1.6941
203.17	925.5441	1.6933
203.18	925.5441	1.6941
203.18	925.5441	1.6933
203.19	925.5441	1.6941
203.2	925.5441	1.6941
203.2	925.5441	1.6933
203.21	925.5441	1.6941
203.22	925.5441	1.6941
203.23	925.5441	1.6948
203.24	925.5441	1.6964
203.51	925.5441	1.701
203.56	925.5441	1.701
203.72	925.5441	1.701
203.75	925.5441	1.701
203.94	930.9147	1.7041
203.98	930.9147	1.7049
204	930.9147	1.7049
204.03	930.9147	1.7057
204.05	930.9147	1.7057
204.07	930.9147	1.7057
204.1	930.9147	1.7057
204.16	930.9147	1.7057
204.18	930.9147	1.7065
204.22	930.9147	1.7057
204.23	930.9147	1.7049
204.27	930.9147	1.7049
204.33	935.3903	1.7057
204.35	935.3903	1.708
204.37	935.3903	1.7088
204.39	935.3903	1.708
204.41	935.3903	1.708
204.43	935.3903	1.7096
204.47	935.3903	1.7096
204.49	935.3903	1.7096
204.5	935.3903	1.7104
204.52	935.3903	1.7096
204.54	935.3903	1.7104
204.56	935.3903	1.7104
204.57	935.3903	1.7104
204.59	935.3903	1.7104
204.6	935.3903	1.7104

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
204.62	935.3903	1.708
204.65	935.3903	1.7096
204.69	935.3903	1.7104
204.74	935.3903	1.7096
204.76	935.3903	1.7088
204.79	935.3903	1.7096
204.81	935.3903	1.7088
204.83	935.3903	1.7088
204.84	935.3903	1.708
204.85	935.3903	1.708
204.86	935.3903	1.708
204.87	935.3903	1.708
204.88	935.3903	1.7088
204.89	935.3903	1.708
204.9	935.3903	1.708
204.9	935.3903	1.7073
204.91	935.3903	1.7073
204.92	935.3903	1.708
204.92	935.3903	1.7065
204.95	935.3903	1.7111
205.91	935.3903	1.7197
205.98	935.3903	1.7197
206.01	935.3903	1.7197
206.12	950.3088	1.7205
206.16	950.3088	1.7228
206.19	950.3088	1.7236
206.21	950.3088	1.7228
206.24	950.3088	1.7236
206.26	950.3088	1.7228
206.3	950.3088	1.7251
206.36	950.3088	1.7243
206.39	950.3088	1.7251
206.41	950.3088	1.7251
206.51	950.3088	1.7251
206.54	950.3088	1.7243
206.58	950.3088	1.7251
206.6	950.3088	1.7243
206.61	950.3088	1.7236
206.63	950.3088	1.7236
206.64	950.3088	1.7243
206.65	950.3088	1.7236
206.74	950.3088	1.7267
206.78	950.3088	1.7282
207.04	950.3088	1.7267
207.09	950.3088	1.7321
207.11	950.3088	1.7321
207.12	950.3088	1.7321
207.14	950.3088	1.7313
207.23	950.3088	1.7329
207.25	950.3088	1.7329
207.27	950.3088	1.7329
207.3	950.3088	1.7321
207.33	950.3088	1.7321
207.37	950.3088	1.7321

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
207.41	950.3088	1.7329
207.47	950.3088	1.7337
207.51	950.3088	1.7344
207.65	950.3088	1.7337
207.66	950.3088	1.7337
207.68	950.3088	1.7321
207.69	950.3088	1.7329
207.71	950.3088	1.7329
207.72	950.3088	1.7329
207.73	950.3088	1.7329
207.74	950.3088	1.7321
207.75	950.3088	1.7321
207.76	950.3088	1.7313
207.77	950.3088	1.7321
207.78	950.3088	1.7305
207.8	950.3088	1.7344
207.98	950.3088	1.7375
208.23	950.3088	1.7399
208.36	950.3088	1.7368
208.44	950.3088	1.7422
208.45	950.3088	1.7422
208.48	950.3088	1.743
208.5	950.3088	1.743
208.51	950.3088	1.7414
208.56	950.3088	1.743
208.59	950.3088	1.7437
208.62	950.3088	1.7414
208.74	950.3088	1.7437
208.85	950.3088	1.743
208.89	950.3088	1.7437
208.91	950.3088	1.743
208.92	950.3088	1.743
208.94	950.3088	1.7437
208.95	950.3088	1.743
208.96	950.3088	1.743
208.97	950.3088	1.743
209	950.3088	1.7437
209.57	950.3088	1.7507
209.69	950.3088	1.7507
209.9	950.3088	1.7546
209.94	950.3088	1.7546
209.97	950.3088	1.7546
209.98	950.3088	1.7546
210.11	950.3088	1.7538
210.13	950.3088	1.7531
210.14	950.3088	1.7546
210.28	962.2436	1.7569
210.31	962.2436	1.7577
210.34	962.2436	1.7585
210.36	962.2436	1.7577
210.39	962.2436	1.7585
210.41	962.2436	1.7593
210.43	962.2436	1.7593
210.44	962.2436	1.7608

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
210.45	962.2436	1.76
210.47	962.2436	1.7593
210.48	962.2436	1.76
210.5	962.2436	1.7593
210.52	962.2436	1.76
210.53	962.2436	1.7608
210.55	962.2436	1.76
210.57	962.2436	1.7608
210.59	962.2436	1.76
210.62	962.2436	1.76
210.71	962.2436	1.7593
210.73	962.2436	1.7585
210.75	962.2436	1.7593
210.76	962.2436	1.7585
210.78	962.2436	1.7585
210.79	962.2436	1.7577
210.8	962.2436	1.7577
210.81	962.2436	1.7577
210.82	962.2436	1.7577
210.83	962.2436	1.7577
210.84	962.2436	1.7569
210.84	962.2436	1.7569
210.85	962.2436	1.7577
210.86	962.2436	1.7577
210.86	962.2436	1.7577
210.87	962.2436	1.7585
210.89	962.2436	1.7593
211.03	962.2436	1.7639
211.11	962.2436	1.7639
211.2	962.2436	1.7639
211.25	962.2436	1.7639
211.27	962.2436	1.7632
211.3	962.2436	1.7632
211.67	962.2436	1.7686
211.73	962.2436	1.767
211.76	962.2436	1.7663
211.76	962.2436	1.7678
211.96	978.0572	1.7709
211.97	978.0572	1.7717
211.98	978.0572	1.7717
212	978.0572	1.7725
212.03	978.0572	1.7725
212.05	978.0572	1.7732
212.06	978.0572	1.7732
212.08	978.0572	1.7701
212.16	978.0572	1.7732
212.18	978.0572	1.7732
212.2	978.0572	1.7709
212.27	978.0572	1.7732
212.3	978.0572	1.7748
212.33	978.0572	1.7748
212.39	978.0572	1.7717
212.41	978.0572	1.774
212.45	978.0572	1.774

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
212.48	978.0572	1.7732
212.5	978.0572	1.7732
212.51	978.0572	1.7732
212.52	978.0572	1.7732
212.53	978.0572	1.7725
212.54	978.0572	1.7725
212.56	978.0572	1.7717
212.56	978.0572	1.7717
212.61	978.0572	1.7748
212.77	978.0572	1.7779
212.81	978.0572	1.7779
212.93	978.0572	1.7756
212.94	978.0572	1.7787
213.07	978.0572	1.7818
213.08	978.0572	1.7826
213.09	978.0572	1.7818
213.11	978.0572	1.7826
213.12	978.0572	1.7818
213.13	978.0572	1.7818
213.14	978.0572	1.7818
213.15	978.0572	1.7833
213.17	978.0572	1.7833
213.17	978.0572	1.7841
213.18	978.0572	1.7841
213.19	978.0572	1.7841
213.2	978.0572	1.7833
213.21	978.0572	1.7833
213.22	978.0572	1.7826
213.23	978.0572	1.7826
213.24	978.0572	1.7826
213.27	978.0572	1.7818
213.36	978.0572	1.7802
213.38	978.0572	1.7802
213.39	978.0572	1.7795
213.4	978.0572	1.7802
213.42	978.0572	1.7802
213.43	978.0572	1.7802
213.44	978.0572	1.7802
213.45	978.0572	1.7787
213.46	978.0572	1.7795
213.46	978.0572	1.7795
213.47	978.0572	1.7795
213.48	978.0572	1.7795
213.49	978.0572	1.7795
213.5	978.0572	1.7795
213.5	978.0572	1.7802
213.51	978.0572	1.7802
213.52	978.0572	1.781
213.55	978.0572	1.7833
213.98	978.0572	1.7872
214.38	981.3393	1.7911
214.41	981.3393	1.7919
214.44	981.3393	1.7927
214.47	981.3393	1.7927

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
214.49	981.3393	1.7927
214.52	981.3393	1.7927
214.55	981.3393	1.7927
214.58	981.3393	1.7927
214.61	981.3393	1.7934
214.63	981.3393	1.7934
214.66	981.3393	1.7934
214.68	981.3393	1.7934
214.72	981.3393	1.7942
214.76	981.3393	1.795
214.79	981.3393	1.795
214.91	981.3393	1.7942
214.93	981.3393	1.7919
214.94	981.3393	1.7934
214.96	981.3393	1.7942
214.97	981.3393	1.7927
214.98	981.3393	1.7927
214.99	981.3393	1.7903
215	981.3393	1.7927
215.01	981.3393	1.7927
215.01	981.3393	1.7919
215.02	981.3393	1.7919
215.03	981.3393	1.7919
215.03	981.3393	1.7927
215.06	981.3393	1.795
215.52	981.3393	1.8012
215.63	981.3393	1.8004
215.67	981.3393	1.802
215.95	981.3393	1.8035
215.98	981.3393	1.8035
216.08	981.3393	1.8059
216.11	981.3393	1.8059
216.15	981.3393	1.8059
216.21	981.3393	1.8066
216.38	981.3393	1.8059
216.4	981.3393	1.8051
216.42	981.3393	1.8043
216.44	981.3393	1.8051
216.58	993.8708	1.8097
216.6	993.8708	1.8105
216.62	993.8708	1.8113
216.64	993.8708	1.8105
216.66	993.8708	1.8113
216.69	993.8708	1.8113
216.7	993.8708	1.8113
216.72	993.8708	1.8121
216.75	993.8708	1.8097
216.81	993.8708	1.8113
216.83	993.8708	1.8121
216.85	993.8708	1.8128
216.87	993.8708	1.8121
216.89	993.8708	1.8128
216.91	993.8708	1.8128
216.94	993.8708	1.8136

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
217.11	993.8708	1.8121
217.13	993.8708	1.8097
217.14	993.8708	1.8113
217.15	993.8708	1.809
217.16	993.8708	1.809
217.16	993.8708	1.8097
217.17	993.8708	1.8113
217.17	993.8708	1.8105
217.17	993.8708	1.8105
217.17	993.8708	1.8105
217.17	993.8708	1.8105
217.18	993.8708	1.8097
217.18	993.8708	1.8105
217.2	993.8708	1.8113
217.98	993.8708	1.8198
218.09	993.8708	1.8214
218.18	993.8708	1.8198
218.42	997.1529	1.8229
218.46	997.1529	1.8253
218.47	997.1529	1.826
218.5	997.1529	1.826
218.51	997.1529	1.8268
218.53	997.1529	1.8268
218.55	997.1529	1.8268
218.57	997.1529	1.8284
218.59	997.1529	1.8276
218.61	997.1529	1.8276
218.62	997.1529	1.8276
218.63	997.1529	1.8291
218.64	997.1529	1.8284
218.66	997.1529	1.8268
218.67	997.1529	1.8284
218.69	997.1529	1.8284
218.7	997.1529	1.8276
218.72	997.1529	1.8284
218.75	997.1529	1.8276
218.83	997.1529	1.826
218.85	997.1529	1.826
218.87	997.1529	1.826
218.88	997.1529	1.826
218.89	997.1529	1.8222
218.9	997.1529	1.826
218.91	997.1529	1.8253
218.91	997.1529	1.8245
218.92	997.1529	1.8229
218.93	997.1529	1.8253
218.93	997.1529	1.8245
218.94	997.1529	1.8245
218.95	997.1529	1.8245
218.95	997.1529	1.8245
218.96	997.1529	1.8253
218.97	997.1529	1.8253
218.97	997.1529	1.826
219.32	997.1529	1.8307

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
219.37	997.1529	1.8323
219.55	997.1529	1.8338
219.58	997.1529	1.8354
219.6	997.1529	1.8361
219.61	997.1529	1.8354
219.63	997.1529	1.8354
219.65	997.1529	1.8338
219.7	997.1529	1.8369
219.72	997.1529	1.8369
219.73	997.1529	1.8377
219.75	997.1529	1.8361
219.76	997.1529	1.8369
219.78	997.1529	1.8377
219.79	997.1529	1.8377
219.81	997.1529	1.8377
219.82	997.1529	1.8377
219.83	997.1529	1.8385
219.85	997.1529	1.8377
219.86	997.1529	1.8369
219.98	997.1529	1.8361
220	997.1529	1.8361
220.02	997.1529	1.8369
220.04	997.1529	1.8369
220.05	997.1529	1.8346
220.07	997.1529	1.8361
220.08	997.1529	1.8354
220.08	997.1529	1.8354
220.09	997.1529	1.8346
220.1	997.1529	1.8354
220.11	997.1529	1.8346
220.12	997.1529	1.8354
220.13	997.1529	1.8354
220.13	997.1529	1.8346
220.14	997.1529	1.8346
220.15	997.1529	1.8354
220.16	997.1529	1.8354
220.2	1000.435	1.8392
220.45	1000.435	1.8416
220.93	1000.435	1.8447
220.97	1000.435	1.8462
221.11	1000.435	1.8454
221.15	1000.435	1.8486
221.19	1000.435	1.8486
221.32	1000.435	1.847
221.34	1000.435	1.847
221.5	1000.435	1.8493
221.82	1000.435	1.8524
221.93	1000.435	1.8532
221.98	1000.435	1.8548
222.11	1000.435	1.854
222.42	1004.612	1.8571
223.55	1004.612	1.868
223.68	1004.612	1.8672
223.75	1020.426	1.8687

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
223.78	1020.426	1.8703
223.8	1020.426	1.8703
223.83	1020.426	1.8711
223.85	1020.426	1.8711
223.89	1020.426	1.8703
223.91	1020.426	1.8711
223.93	1020.426	1.8718
223.96	1020.426	1.8711
223.98	1020.426	1.8718
224.02	1020.426	1.8711
224.06	1020.426	1.8711
224.12	1020.426	1.8718
224.22	1020.426	1.8711
224.25	1020.426	1.8711
224.26	1020.426	1.8703
224.28	1020.426	1.8711
224.29	1020.426	1.8703
224.3	1020.426	1.8711
224.31	1020.426	1.8703
224.33	1020.426	1.8703
224.33	1020.426	1.8695
224.34	1020.426	1.8695
224.37	1020.426	1.8726
224.6	1020.426	1.8757
224.69	1020.426	1.8765
224.77	1020.426	1.8757
224.79	1020.426	1.8765
225.06	1020.426	1.8788
225.14	1020.426	1.8796
225.54	1020.426	1.885
225.56	1020.426	1.885
225.57	1020.426	1.8858
225.58	1020.426	1.8858
225.6	1020.426	1.8866
225.61	1020.426	1.8874
225.62	1020.426	1.8874
225.64	1020.426	1.8866
225.64	1020.426	1.8874
225.65	1020.426	1.8874
225.66	1020.426	1.8874
225.67	1020.426	1.8874
225.68	1020.426	1.8882
225.69	1020.426	1.8874
225.7	1020.426	1.8874
225.71	1020.426	1.8866
225.72	1020.426	1.8866
225.74	1020.426	1.8858
225.88	1020.426	1.885
225.9	1020.426	1.8843
225.92	1020.426	1.8858
225.93	1020.426	1.8835
225.94	1020.426	1.8843
225.95	1020.426	1.8843
225.96	1020.426	1.8843

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
225.97	1020.426	1.8835
225.98	1020.426	1.8835
225.98	1020.426	1.8827
225.99	1020.426	1.8835
226	1020.426	1.8835
226	1020.426	1.8835
226.01	1020.426	1.8835
226.02	1020.426	1.8835
226.02	1020.426	1.8843
226.03	1020.426	1.8843
226.04	1020.426	1.8843
226.06	1020.426	1.8858
226.37	1020.426	1.8897
226.4	1020.426	1.8882
226.45	1020.426	1.8913
226.48	1020.426	1.8928
226.5	1020.426	1.8928
226.53	1020.426	1.8928
226.56	1020.426	1.8928
226.58	1020.426	1.8936
226.61	1020.426	1.8928
226.64	1020.426	1.8944
226.66	1020.426	1.8951
226.69	1020.426	1.8951
226.73	1020.426	1.8951
226.77	1020.426	1.8944
226.9	1020.426	1.8936
226.93	1020.426	1.8944
226.95	1020.426	1.8944
226.97	1020.426	1.8928
226.98	1020.426	1.8928
226.99	1020.426	1.8936
227	1020.426	1.8936
227.01	1020.426	1.8928
227.02	1020.426	1.892
227.03	1020.426	1.892
227.04	1020.426	1.892
227.06	1020.426	1.8936
227.5	1020.426	1.9006
227.65	1020.426	1.8998
227.98	1023.409	1.9037
228.1	1023.409	1.9052
228.22	1023.409	1.9045
228.29	1023.409	1.9076
228.32	1023.409	1.9083
228.36	1023.409	1.9076
228.47	1023.409	1.9068
228.51	1023.409	1.9076
228.54	1023.409	1.9076
228.72	1023.409	1.9114
228.76	1023.409	1.9114
228.82	1023.409	1.9114
228.95	1023.409	1.9107
228.99	1023.409	1.9107

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
229.01	1023.409	1.9107
229.3	1039.223	1.9145
229.45	1039.223	1.9161
229.98	1039.223	1.9208
230.68	1050.561	1.9254
230.72	1050.561	1.9285
230.73	1050.561	1.9293
230.75	1050.561	1.9285
230.76	1050.561	1.9293
230.77	1050.561	1.9293
230.78	1050.561	1.9301
230.79	1050.561	1.9301
230.8	1050.561	1.9301
230.81	1050.561	1.9301
230.82	1050.561	1.9316
230.83	1050.561	1.9301
230.84	1050.561	1.9316
230.85	1050.561	1.9301
230.86	1050.561	1.9309
230.87	1050.561	1.9301
230.88	1050.561	1.9301
230.89	1050.561	1.9301
230.9	1050.561	1.9293
230.92	1050.561	1.9285
231.05	1050.561	1.9285
231.07	1050.561	1.9277
231.09	1050.561	1.9285
231.11	1050.561	1.9285
231.12	1050.561	1.927
231.13	1050.561	1.9277
231.14	1050.561	1.9277
231.15	1050.561	1.9277
231.16	1050.561	1.927
231.17	1050.561	1.9262
231.17	1050.561	1.9262
231.18	1050.561	1.9277
231.19	1050.561	1.927
231.19	1050.561	1.927
231.2	1050.561	1.927
231.21	1050.561	1.9262
231.21	1050.561	1.9277
231.22	1050.561	1.9285
231.55	1050.561	1.934
231.64	1050.561	1.9332
231.93	1050.561	1.9371
231.98	1050.561	1.9378
232.06	1050.561	1.9378
232.1	1050.561	1.9386
232.25	1050.561	1.9394
232.29	1050.561	1.9402
232.32	1050.561	1.9409
232.34	1050.561	1.9409
232.38	1050.561	1.9417
232.48	1050.561	1.9417

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
232.56	1050.561	1.9409
232.6	1050.561	1.9409
232.62	1050.561	1.9409
232.63	1050.561	1.9402
232.66	1050.561	1.9417
233.52	1050.561	1.9503
233.56	1050.561	1.9518
233.59	1050.561	1.951
233.65	1050.561	1.951
233.72	1050.561	1.9487
233.73	1050.561	1.951
233.76	1050.561	1.9518
233.78	1050.561	1.9495
233.98	1050.561	1.9534
234.39	1050.561	1.9572
234.46	1050.561	1.9572
234.68	1050.561	1.9604
234.77	1050.561	1.9596
235.04	1050.561	1.9635
235.12	1050.561	1.9627
235.52	1050.561	1.9673
235.61	1050.561	1.9666
235.98	1050.561	1.9704
236.08	1061.601	1.9712
236.13	1061.601	1.972
236.17	1061.601	1.9728
236.27	1061.601	1.972
236.97	1061.601	1.979
237.55	1061.601	1.9844
237.76	1061.601	1.9844
237.98	1061.601	1.9875
238.24	1070.254	1.9899
238.27	1070.254	1.9906
238.3	1070.254	1.9914
238.32	1070.254	1.9914
238.34	1070.254	1.9914
238.37	1070.254	1.9906
238.39	1070.254	1.9914
238.42	1070.254	1.9922
238.46	1070.254	1.9922
238.48	1070.254	1.9922
238.52	1070.254	1.9891
238.71	1070.254	1.9922
238.74	1070.254	1.9914
238.76	1070.254	1.9914
238.77	1070.254	1.9922
238.78	1070.254	1.9914
238.8	1070.254	1.9914
238.81	1070.254	1.9914
238.81	1070.254	1.9883
238.82	1070.254	1.9914
239.09	1070.254	1.9968
239.12	1070.254	1.9992
239.14	1070.254	1.9984

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
239.16	1070.254	1.9984
239.18	1070.254	1.9992
239.2	1070.254	1.9984
239.22	1070.254	1.9992
239.24	1070.254	1.9999
239.26	1070.254	1.9992
239.3	1070.254	1.9992
239.35	1070.254	1.9992
239.39	1070.254	1.9992
239.51	1070.254	1.9999
239.66	1070.254	1.9999
239.68	1070.254	1.9992
239.7	1070.254	1.9999
239.71	1070.254	1.9992
239.72	1070.254	1.9999
239.72	1070.254	1.9992
239.73	1070.254	1.9992
239.74	1070.254	1.9984
239.75	1070.254	1.9976
239.76	1070.254	1.9984
239.77	1070.254	1.9984
239.8	1070.254	2.0015
239.9	1070.254	2.0038
239.98	1070.254	2.0038
240.45	1070.254	2.0077
240.54	1070.254	2.0077
240.58	1071.447	2.0093
240.6	1071.447	2.01
240.62	1071.447	2.0077
240.68	1071.447	2.01
240.73	1071.447	2.0108
240.77	1071.447	2.0116
240.81	1071.447	2.0108
240.96	1071.447	2.01
240.99	1071.447	2.0108
241	1071.447	2.01
241.02	1071.447	2.01
241.04	1071.447	2.0108
241.51	1071.447	2.017
241.53	1071.447	2.0186
241.56	1071.447	2.017
241.62	1071.447	2.0194
241.65	1071.447	2.0186
241.67	1071.447	2.0194
241.7	1071.447	2.0186
241.74	1071.447	2.0194
241.78	1071.447	2.0201
241.84	1071.447	2.0201
241.98	1071.447	2.0201
242	1071.447	2.0186
242.02	1071.447	2.0194
242.03	1071.447	2.0194
242.04	1071.447	2.0186
242.05	1071.447	2.0178

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
242.06	1071.447	2.0178
242.07	1071.447	2.0178
242.1	1071.447	2.0201
243.49	1081.293	2.0333
243.55	1081.293	2.0349
243.59	1081.293	2.0349
243.62	1081.293	2.0357
243.68	1081.293	2.0357
243.86	1081.293	2.0341
243.88	1081.293	2.0349
243.9	1081.293	2.0341
243.98	1081.293	2.0372
244.1	1088.156	2.0388
244.13	1088.156	2.0372
244.15	1088.156	2.0395
244.18	1088.156	2.0403
244.21	1088.156	2.0372
244.22	1088.156	2.038
244.29	1088.156	2.0403
244.44	1088.156	2.0403
245.28	1088.156	2.0465
245.47	1088.156	2.0496
245.7	1088.156	2.052
245.76	1088.156	2.052
245.98	1088.156	2.0543
246.52	1095.913	2.0574
246.57	1095.913	2.0597
246.59	1095.913	2.059
246.63	1095.913	2.0597
246.67	1095.913	2.0597
246.73	1095.913	2.0597
246.8	1095.913	2.0605
246.85	1095.913	2.059
246.87	1095.913	2.0597
246.89	1095.913	2.0597
247.1	1095.913	2.0621
247.11	1111.727	2.0644
247.13	1111.727	2.0659
247.14	1111.727	2.0667
247.15	1111.727	2.0667
247.16	1111.727	2.0667
247.16	1111.727	2.0659
247.17	1111.727	2.0667
247.18	1111.727	2.0667
247.19	1111.727	2.0675
247.2	1111.727	2.0675
247.2	1111.727	2.069
247.21	1111.727	2.0675
247.22	1111.727	2.0683
247.22	1111.727	2.0683
247.23	1111.727	2.0683
247.24	1111.727	2.0683
247.24	1111.727	2.069
247.25	1111.727	2.0683

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
247.26	1111.727	2.0667
247.26	1111.727	2.0667
247.27	1111.727	2.0667
247.29	1111.727	2.0652
247.4	1111.727	2.0644
247.42	1111.727	2.0644
247.44	1111.727	2.0644
247.46	1111.727	2.0636
247.48	1111.727	2.0644
247.49	1111.727	2.0644
247.51	1111.727	2.0644
247.52	1111.727	2.0644
247.53	1111.727	2.0644
247.53	1111.727	2.0628
247.54	1111.727	2.0636
247.55	1111.727	2.0644
247.56	1111.727	2.0636
247.57	1111.727	2.0628
247.57	1111.727	2.0628
247.58	1111.727	2.0636
247.59	1111.727	2.0644
247.59	1111.727	2.0644
247.6	1111.727	2.0652
247.98	1111.727	2.0698
248.08	1111.727	2.0722
248.24	1111.727	2.0714
248.59	1111.727	2.076
248.62	1111.727	2.0768
248.66	1111.727	2.0768
248.84	1111.727	2.076
249.09	1111.727	2.0799
249.13	1111.727	2.0815
249.27	1111.727	2.0807
249.48	1111.727	2.0838
249.57	1111.727	2.083
249.62	1111.727	2.0846
249.67	1111.727	2.0854
249.73	1111.727	2.0854
249.79	1111.727	2.0846
249.84	1111.727	2.0846
249.98	1111.727	2.0869
250.42	1111.727	2.0916
250.45	1111.727	2.0923
250.48	1111.727	2.0923
250.54	1111.727	2.0923
250.72	1111.727	2.0923
250.74	1111.727	2.0916
251.27	1111.727	2.0978
251.44	1111.727	2.0993
251.51	1111.727	2.1001
251.63	1111.727	2.1001
251.79	1111.727	2.1024
251.84	1111.727	2.1032
251.94	1111.727	2.1009

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
251.98	1111.727	2.1048
251.99	1111.727	2.1055
252.01	1111.727	2.1055
252.02	1111.727	2.1071
252.04	1111.727	2.1063
252.05	1111.727	2.1071
252.06	1111.727	2.1063
252.07	1111.727	2.1071
252.08	1111.727	2.1071
252.09	1111.727	2.1063
252.1	1111.727	2.1079
252.11	1111.727	2.1086
252.12	1111.727	2.1079
252.13	1111.727	2.1079
252.14	1111.727	2.1086
252.15	1111.727	2.1071
252.16	1111.727	2.1079
252.18	1111.727	2.1063
252.2	1111.727	2.1055
252.29	1111.727	2.1055
252.31	1111.727	2.1055
252.33	1111.727	2.104
252.34	1111.727	2.1055
252.35	1111.727	2.1048
252.37	1111.727	2.104
252.38	1111.727	2.104
252.39	1111.727	2.1048
252.39	1111.727	2.1024
252.4	1111.727	2.1032
252.41	1111.727	2.1032
252.41	1111.727	2.104
252.42	1111.727	2.1032
252.43	1111.727	2.1032
252.43	1111.727	2.104
252.44	1111.727	2.1032
252.45	1111.727	2.1048
252.45	1111.727	2.104
252.68	1112.324	2.1094
252.7	1112.324	2.1102
252.76	1112.324	2.111
252.9	1112.324	2.1102
253.29	1112.324	2.1141
253.5	1112.324	2.1172
253.6	1112.324	2.1172
253.63	1112.324	2.1187
253.67	1112.324	2.1187
253.78	1112.324	2.1195
253.87	1112.324	2.118
253.89	1112.324	2.1195
253.98	1112.324	2.1203
255.98	1112.324	2.1374
256.05	1112.324	2.1389
256.07	1112.324	2.1389
256.1	1112.324	2.1389

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
256.14	1112.324	2.1389
256.18	1112.324	2.1389
256.22	1112.324	2.1389
256.38	1112.324	2.1389
256.41	1112.324	2.1389
256.42	1112.324	2.1389
256.44	1112.324	2.1381
256.45	1112.324	2.1389
256.46	1112.324	2.1389
256.98	1127.839	2.1451
257.01	1127.839	2.1451
257.07	1127.839	2.1467
257.12	1127.839	2.1475
257.27	1127.839	2.1459
257.29	1127.839	2.1467
257.33	1127.839	2.1475
257.44	1127.839	2.149
257.7	1127.839	2.1529
257.72	1127.839	2.1529
257.74	1127.839	2.1529
257.77	1127.839	2.1529
257.79	1127.839	2.1537
257.81	1127.839	2.1537
257.85	1127.839	2.1521
257.91	1127.839	2.1544
257.95	1127.839	2.1537
257.98	1127.839	2.1537
258.11	1127.839	2.1537
258.15	1127.839	2.1529
258.16	1127.839	2.1537
258.18	1127.839	2.1506
258.19	1127.839	2.1498
258.19	1127.839	2.1513
258.2	1127.839	2.1521
258.2	1127.839	2.1529
258.21	1127.839	2.1529
258.24	1127.839	2.1537
259.11	1134.403	2.1638
259.13	1134.403	2.1645
259.15	1134.403	2.1645
259.17	1134.403	2.1645
259.2	1134.403	2.1653
259.23	1134.403	2.1645
259.28	1134.403	2.1653
259.43	1134.403	2.1645
259.46	1134.403	2.1645
259.48	1134.403	2.1645
259.5	1134.403	2.1645
259.52	1134.403	2.1653
259.69	1134.403	2.1676
259.73	1134.403	2.1692
259.98	1134.403	2.17
260.61	1135.298	2.1762
260.64	1135.298	2.1762

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
260.66	1135.298	2.177
260.69	1135.298	2.177
260.73	1135.298	2.1777
260.76	1135.298	2.1777
260.81	1135.298	2.177
260.97	1135.298	2.1762
260.99	1135.298	2.177
261.01	1135.298	2.177
261.02	1135.298	2.177
261.05	1135.298	2.1777
261.16	1135.298	2.1801
261.23	1135.298	2.1793
261.76	1135.298	2.1855
261.98	1135.298	2.1863
262.23	1135.298	2.1871
262.27	1135.298	2.1917
262.29	1135.298	2.1917
262.3	1135.298	2.1917
262.31	1135.298	2.1925
262.32	1135.298	2.1925
262.33	1135.298	2.1925
262.34	1135.298	2.1902
262.35	1135.298	2.1933
262.36	1135.298	2.194
262.37	1135.298	2.194
262.38	1135.298	2.194
262.39	1135.298	2.194
262.4	1135.298	2.194
262.4	1135.298	2.1948
262.41	1135.298	2.194
262.42	1135.298	2.194
262.43	1135.298	2.1925
262.43	1135.298	2.1933
262.45	1135.298	2.1909
262.48	1135.298	2.1909
262.54	1135.298	2.1909
262.57	1135.298	2.1909
262.59	1135.298	2.1902
262.6	1135.298	2.1902
262.62	1135.298	2.1909
262.62	1135.298	2.1894
262.63	1135.298	2.1902
262.64	1135.298	2.1886
262.65	1135.298	2.1894
262.66	1135.298	2.1894
262.67	1135.298	2.1886
262.67	1135.298	2.1886
262.68	1135.298	2.1886
262.69	1135.298	2.1894
262.69	1135.298	2.1886
262.7	1135.298	2.1902
262.71	1135.298	2.1902
262.71	1135.298	2.1902
262.72	1135.298	2.1909

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
262.76	1135.298	2.194
262.8	1135.298	2.194
262.97	1135.298	2.1956
263	1135.298	2.1964
263.04	1135.298	2.1964
263.16	1135.298	2.1956
263.52	1135.298	2.2003
263.61	1135.298	2.1995
263.98	1135.298	2.2034
264.46	1135.298	2.2072
264.68	1135.298	2.2096
264.84	1135.298	2.2103
265.45	1135.298	2.2166
265.64	1135.298	2.2173
265.68	1135.298	2.2189
265.71	1135.298	2.2189
265.81	1135.298	2.2197
265.88	1135.298	2.2189
265.91	1135.298	2.2197
265.98	1135.298	2.2212
266.9	1135.298	2.2282
266.97	1135.298	2.229
267.01	1135.298	2.2298
267.17	1135.298	2.2298
267.27	1135.298	2.2313
267.48	1135.298	2.2336
267.89	1135.298	2.236
267.93	1135.298	2.236
267.95	1135.298	2.2344
267.98	1135.298	2.2383
267.99	1135.298	2.2391
268.01	1135.298	2.2383
268.02	1135.298	2.2391
268.03	1135.298	2.2398
268.05	1135.298	2.2398
268.06	1135.298	2.2406
268.07	1135.298	2.2406
268.08	1135.298	2.2414
268.09	1135.298	2.2406
268.1	1135.298	2.2414
268.11	1135.298	2.2414
268.12	1135.298	2.2414
268.13	1135.298	2.2414
268.14	1135.298	2.2414
268.15	1135.298	2.2422
268.16	1135.298	2.2414
268.17	1135.298	2.2406
268.18	1135.298	2.2406
268.2	1135.298	2.2391
268.32	1135.298	2.2383
268.34	1135.298	2.2383
268.36	1135.298	2.2375
268.37	1135.298	2.2375
268.38	1135.298	2.2391

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
268.4	1135.298	2.2383
268.41	1135.298	2.2383
268.41	1135.298	2.2375
268.42	1135.298	2.2375
268.43	1135.298	2.2375
268.44	1135.298	2.2367
268.45	1135.298	2.2367
268.45	1135.298	2.2367
268.46	1135.298	2.2367
268.46	1135.298	2.2375
268.47	1135.298	2.2375
268.48	1135.298	2.2383
268.48	1135.298	2.2383
268.5	1135.298	2.2398
268.64	1135.298	2.243
268.89	1135.298	2.243
268.95	1135.298	2.2468
268.97	1135.298	2.2461
269	1135.298	2.2468
269.01	1135.298	2.2468
269.04	1135.298	2.2468
269.05	1135.298	2.2484
269.07	1135.298	2.2484
269.09	1135.298	2.2476
269.1	1135.298	2.2468
269.13	1135.298	2.2492
269.14	1135.298	2.2492
269.16	1135.298	2.2484
269.18	1135.298	2.2476
269.19	1135.298	2.2492
269.21	1135.298	2.2492
269.24	1135.298	2.2484
269.34	1135.298	2.2476
269.36	1135.298	2.2468
269.37	1135.298	2.2461
269.39	1135.298	2.2468
269.4	1135.298	2.2461
269.41	1135.298	2.2476
269.42	1135.298	2.2461
269.43	1135.298	2.2468
269.44	1135.298	2.2468
269.44	1135.298	2.2461
269.45	1135.298	2.2461
269.46	1135.298	2.2461
269.47	1135.298	2.2461
269.48	1135.298	2.2468
269.49	1135.298	2.2461
269.51	1135.298	2.2468
269.98	1135.298	2.2523
270	1135.298	2.2562
270.02	1135.298	2.2554
270.03	1135.298	2.2569
270.04	1135.298	2.2569
270.05	1135.298	2.2569

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
270.06	1135.298	2.2569
270.07	1135.298	2.2569
270.09	1135.298	2.2569
270.1	1135.298	2.2577
270.11	1135.298	2.2554
270.12	1135.298	2.2577
270.13	1135.298	2.2569
270.14	1135.298	2.2577
270.15	1135.298	2.2577
270.16	1135.298	2.2577
270.17	1135.298	2.2577
270.18	1135.298	2.2569
270.19	1135.298	2.2569
270.21	1135.298	2.2562
270.36	1135.298	2.2554
270.38	1135.298	2.2546
270.39	1135.298	2.2546
270.4	1135.298	2.2554
270.41	1135.298	2.2554
270.42	1135.298	2.2554
270.43	1135.298	2.2546
270.44	1135.298	2.2538
270.45	1135.298	2.2538
270.45	1135.298	2.2546
270.46	1135.298	2.2538
270.47	1135.298	2.2538
270.47	1135.298	2.2538
270.48	1135.298	2.253
270.49	1135.298	2.253
270.49	1135.298	2.2523
270.5	1135.298	2.2546
270.5	1135.298	2.2546
270.83	1135.298	2.2608
270.86	1135.298	2.2616
270.91	1135.298	2.2624
270.97	1135.298	2.2624
271.05	1135.298	2.2624
271.09	1135.298	2.2624
271.48	1135.298	2.267
271.52	1135.298	2.2678
271.68	1135.298	2.267
271.7	1135.298	2.267
271.75	1135.298	2.267
271.78	1135.298	2.2701
271.8	1135.298	2.2701
271.83	1135.298	2.2701
271.86	1135.298	2.2709
271.9	1135.298	2.2709
271.98	1135.298	2.2709
272.13	1135.298	2.2701
272.15	1135.298	2.2701
272.17	1135.298	2.2709
272.18	1135.298	2.2701
272.2	1135.298	2.2701

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
272.26	1137.685	2.2732
272.31	1137.685	2.274
273.98	1137.685	2.2872
274.14	1137.685	2.2888
274.25	1137.685	2.2872
274.88	1141.862	2.2919
274.92	1141.862	2.2973
274.94	1141.862	2.2965
274.96	1141.862	2.2973
274.97	1141.862	2.2973
274.98	1141.862	2.2981
275	1141.862	2.2973
275	1141.862	2.2973
275.01	1141.862	2.2981
275.01	1141.862	2.2973
275.01	1141.862	2.2973
275.02	1141.862	2.2981
275.03	1141.862	2.2989
275.03	1141.862	2.2989
275.05	1141.862	2.2989
275.05	1141.862	2.2989
275.06	1141.862	2.2981
275.07	1141.862	2.2981
275.09	1141.862	2.2973
275.11	1141.862	2.2965
275.2	1141.862	2.2957
275.22	1141.862	2.2957
275.24	1141.862	2.295
275.26	1141.862	2.2957
275.27	1141.862	2.295
275.28	1141.862	2.295
275.29	1141.862	2.2957
275.3	1141.862	2.295
275.31	1141.862	2.295
275.32	1141.862	2.295
275.33	1141.862	2.295
275.33	1141.862	2.2942
275.34	1141.862	2.295
275.34	1141.862	2.2934
275.35	1141.862	2.2942
275.36	1141.862	2.295
275.36	1141.862	2.295
275.37	1141.862	2.2957
275.38	1141.862	2.2973
275.64	1141.862	2.302
275.98	1141.862	2.3035
276.8	1148.427	2.3105
276.83	1148.427	2.3121
276.86	1148.427	2.3121
276.88	1148.427	2.3121
276.91	1148.427	2.3128
276.94	1148.427	2.3113
277.05	1148.427	2.3128
277.19	1148.427	2.3128

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
277.21	1148.427	2.3128
277.23	1148.427	2.3136
277.24	1148.427	2.3121
277.25	1148.427	2.3105
277.28	1148.427	2.3136
277.41	1148.427	2.3159
277.47	1148.427	2.3167
277.6	1148.427	2.3167
277.98	1148.427	2.3206
278.05	1148.427	2.3198
278.62	1154.991	2.326
278.65	1154.991	2.3276
278.67	1154.991	2.3276
278.69	1154.991	2.3284
278.71	1154.991	2.3284
278.73	1154.991	2.3268
278.77	1154.991	2.3284
278.79	1154.991	2.3284
278.81	1154.991	2.3291
278.83	1154.991	2.3291
278.85	1154.991	2.3291
278.87	1154.991	2.3291
278.89	1154.991	2.3299
278.91	1154.991	2.3299
278.92	1154.991	2.3299
278.94	1154.991	2.3299
278.96	1154.991	2.3299
278.99	1154.991	2.3291
279.11	1154.991	2.3291
279.13	1154.991	2.3291
279.15	1154.991	2.3284
279.16	1154.991	2.3276
279.18	1154.991	2.3276
279.19	1154.991	2.3284
279.2	1154.991	2.3276
279.2	1154.991	2.3268
279.21	1154.991	2.3268
279.22	1154.991	2.3276
279.23	1154.991	2.3276
279.23	1154.991	2.326
279.24	1154.991	2.326
279.25	1154.991	2.326
279.25	1154.991	2.3276
279.26	1154.991	2.3268
279.28	1154.991	2.3284
279.43	1154.991	2.333
279.49	1154.991	2.3338
279.6	1154.991	2.333
279.98	1154.991	2.3377
280.55	1159.466	2.3431
280.57	1159.466	2.34
280.63	1159.466	2.3439
280.65	1159.466	2.3439
280.67	1159.466	2.3439

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
280.7	1159.466	2.3439
280.73	1159.466	2.3447
280.76	1159.466	2.3439
280.81	1159.466	2.3447
280.98	1159.466	2.3447
281.01	1159.466	2.3447
281.03	1159.466	2.3439
281.04	1159.466	2.3439
281.05	1159.466	2.3431
281.06	1159.466	2.3439
281.08	1159.466	2.3447
281.47	1159.466	2.3501
281.63	1159.466	2.3509
281.98	1159.466	2.354
282.25	1159.466	2.3571
282.29	1159.466	2.3571
282.46	1159.466	2.3571
282.48	1159.466	2.3548
282.72	1159.466	2.3602
282.74	1159.466	2.361
282.78	1159.466	2.361
282.81	1159.466	2.361
282.96	1159.466	2.361
282.99	1159.466	2.361
283.26	1159.466	2.3633
283.44	1159.466	2.3664
283.49	1159.466	2.3672
283.59	1159.466	2.3656
283.98	1159.466	2.3703
284.36	1159.466	2.3742
284.4	1159.466	2.3742
284.46	1159.466	2.3757
284.54	1159.466	2.3749
284.57	1159.466	2.3742
284.71	1159.466	2.3765
284.93	1159.466	2.378
285.01	1159.466	2.378
285.06	1159.466	2.3812
285.09	1159.466	2.3812
285.12	1159.466	2.3804
285.24	1159.466	2.3796
285.26	1159.466	2.3788
285.28	1159.466	2.3788
285.47	1159.466	2.3843
285.52	1159.466	2.3835
285.63	1159.466	2.3819
285.65	1159.466	2.3835
285.98	1159.466	2.3874
286.17	1159.466	2.3889
286.2	1159.466	2.3897
286.22	1159.466	2.3905
286.25	1159.466	2.3905
286.27	1159.466	2.3897
286.3	1159.466	2.3905

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
286.31	1159.466	2.392
286.33	1159.466	2.392
286.35	1159.466	2.3912
286.37	1159.466	2.392
286.38	1159.466	2.3936
286.39	1159.466	2.3928
286.41	1159.466	2.3928
286.42	1159.466	2.3936
286.43	1159.466	2.3936
286.45	1159.466	2.3928
286.46	1159.466	2.3928
286.48	1159.466	2.3928
286.51	1159.466	2.3928
286.61	1159.466	2.3912
286.64	1159.466	2.392
286.66	1159.466	2.3912
286.67	1159.466	2.3905
286.68	1159.466	2.3905
286.69	1159.466	2.3897
286.7	1159.466	2.3905
286.71	1159.466	2.3905
286.72	1159.466	2.3905
286.73	1159.466	2.3889
286.73	1159.466	2.3897
286.74	1159.466	2.3905
286.74	1159.466	2.3889
286.75	1159.466	2.3897
286.76	1159.466	2.3889
286.76	1159.466	2.3897
286.77	1159.466	2.3905
286.79	1159.466	2.3928
286.86	1159.466	2.3928
287.59	1159.466	2.4013
287.62	1159.466	2.4013
287.66	1159.466	2.4013
287.82	1159.466	2.4021
287.98	1159.466	2.4044
288.11	1159.466	2.4052
288.23	1159.466	2.4037
288.31	1159.466	2.4068
288.36	1159.466	2.4083
288.43	1159.466	2.4068
288.54	1159.466	2.406
288.56	1159.466	2.4107
288.57	1159.466	2.4114
288.58	1159.466	2.4107
288.59	1159.466	2.4107
288.61	1159.466	2.4107
288.62	1159.466	2.4114
288.63	1159.466	2.4122
288.64	1159.466	2.4122
288.65	1159.466	2.4122
288.66	1159.466	2.4122
288.67	1159.466	2.4122

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
288.68	1159.466	2.4138
288.68	1159.466	2.413
288.69	1159.466	2.413
288.7	1159.466	2.4099
288.72	1159.466	2.413
288.73	1159.466	2.413
288.74	1159.466	2.4138
288.75	1159.466	2.4122
288.76	1159.466	2.413
288.78	1159.466	2.4114
288.87	1159.466	2.4099
288.89	1159.466	2.4099
288.91	1159.466	2.4091
288.92	1159.466	2.4091
288.93	1159.466	2.4091
288.94	1159.466	2.4091
288.95	1159.466	2.4091
288.96	1159.466	2.4091
288.97	1159.466	2.4083
288.98	1159.466	2.4083
288.98	1159.466	2.4083
288.99	1159.466	2.4075
289	1159.466	2.4083
289	1159.466	2.4091
289.01	1159.466	2.4083
289.02	1159.466	2.4091
289.02	1159.466	2.4091
289.03	1159.466	2.4099
289.04	1159.466	2.4107
289.55	1159.466	2.4169
289.74	1159.466	2.4176
289.98	1159.466	2.42
290.84	1159.466	2.4277
291	1159.466	2.4285
291.1	1159.466	2.4308
291.23	1159.466	2.4301
291.47	1159.466	2.4339
291.5	1159.466	2.4339
291.52	1159.466	2.4339
291.56	1159.466	2.4347
291.74	1159.466	2.4339
291.76	1159.466	2.4339
291.78	1159.466	2.4332
291.8	1159.466	2.4339
291.98	1159.466	2.4363
292.87	1167.224	2.4456
292.89	1167.224	2.4456
292.91	1167.224	2.4464
292.93	1167.224	2.4464
292.95	1167.224	2.4464
292.97	1167.224	2.4471
293	1167.224	2.4471
293.02	1167.224	2.4471
293.04	1167.224	2.4471

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
293.06	1167.224	2.4479
293.08	1167.224	2.4479
293.09	1167.224	2.4487
293.11	1167.224	2.4479
293.14	1167.224	2.4479
293.16	1167.224	2.4479
293.18	1167.224	2.4487
293.21	1167.224	2.4479
293.29	1167.224	2.4464
293.32	1167.224	2.4471
293.34	1167.224	2.4471
293.35	1167.224	2.4464
293.37	1167.224	2.4464
293.38	1167.224	2.4464
293.39	1167.224	2.4479
293.4	1167.224	2.4464
293.41	1167.224	2.4456
293.42	1167.224	2.4456
293.43	1167.224	2.4464
293.43	1167.224	2.4448
293.44	1167.224	2.4456
293.45	1167.224	2.4464
293.45	1167.224	2.4456
293.49	1167.224	2.4495
293.71	1167.224	2.4534
293.72	1167.224	2.4534
293.74	1167.224	2.4549
293.75	1167.224	2.4549
293.76	1167.224	2.4549
293.77	1167.224	2.4549
293.78	1167.224	2.4534
293.8	1167.224	2.4557
293.81	1167.224	2.4557
293.82	1167.224	2.4534
293.85	1167.224	2.4526
293.87	1167.224	2.4557
293.88	1167.224	2.4541
293.9	1167.224	2.4534
293.92	1167.224	2.4565
293.93	1167.224	2.4557
293.94	1167.224	2.4549
293.96	1167.224	2.4549
293.98	1167.224	2.4541
294.01	1167.224	2.4541
294.05	1167.224	2.4534
294.07	1167.224	2.4541
294.09	1167.224	2.4526
294.11	1167.224	2.4495
294.11	1167.224	2.451
294.12	1167.224	2.4526
294.12	1167.224	2.4526
294.13	1167.224	2.4518
294.14	1167.224	2.4502
294.15	1167.224	2.4526

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
294.15	1167.224	2.4518
294.16	1167.224	2.4518
294.17	1167.224	2.4518
294.18	1167.224	2.4518
294.19	1167.224	2.4526
294.19	1167.224	2.4518
294.2	1167.224	2.4534
295.46	1167.224	2.4666
295.55	1167.224	2.4627
295.57	1171.699	2.465
295.6	1171.699	2.4689
295.62	1171.699	2.4697
295.63	1171.699	2.4704
295.64	1171.699	2.4704
295.65	1171.699	2.4697
295.66	1171.699	2.4697
295.68	1171.699	2.4697
295.69	1171.699	2.4704
295.7	1171.699	2.4704
295.7	1171.699	2.4712
295.71	1171.699	2.472
295.72	1171.699	2.4712
295.73	1171.699	2.4712
295.74	1171.699	2.4712
295.75	1171.699	2.4712
295.76	1171.699	2.4704
295.76	1171.699	2.4712
295.78	1171.699	2.4704
295.79	1171.699	2.4697
295.82	1171.699	2.4697
295.88	1171.699	2.4689
295.91	1171.699	2.4689
295.93	1171.699	2.4681
295.95	1171.699	2.4697
295.96	1171.699	2.4681
295.97	1171.699	2.4681
295.98	1171.699	2.4681
295.99	1171.699	2.4681
295.99	1171.699	2.4673
296	1171.699	2.4673
296.01	1171.699	2.4673
296.02	1171.699	2.4681
296.02	1171.699	2.4666
296.03	1171.699	2.4666
296.04	1171.699	2.4673
296.04	1171.699	2.4673
296.05	1171.699	2.4673
296.06	1171.699	2.4681
296.06	1171.699	2.4681
296.07	1171.699	2.4689
296.46	1171.699	2.4751
296.49	1171.699	2.4759
296.64	1171.699	2.4751
296.65	1171.699	2.4751

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
297.11	1171.699	2.4805
297.16	1171.699	2.4813
297.29	1171.699	2.4813
297.32	1171.699	2.4805
297.47	1171.699	2.4844
297.54	1171.699	2.4852
297.67	1171.699	2.4836
297.69	1171.699	2.4829
297.98	1171.699	2.4875
298.03	1171.699	2.4867
298.24	1171.699	2.4891
298.32	1171.699	2.4875
298.39	1171.699	2.4929
298.4	1171.699	2.4929
298.41	1171.699	2.4937
298.42	1171.699	2.4937
298.43	1171.699	2.4945
298.44	1171.699	2.4937
298.45	1171.699	2.4929
298.46	1171.699	2.4945
298.47	1171.699	2.4937
298.48	1171.699	2.4961
298.49	1171.699	2.4953
298.49	1171.699	2.4945
298.5	1171.699	2.4953
298.51	1171.699	2.4953
298.52	1171.699	2.4945
298.52	1171.699	2.4945
298.53	1171.699	2.4937
298.54	1171.699	2.4945
298.55	1171.699	2.4929
298.58	1171.699	2.4922
298.65	1171.699	2.4914
298.68	1171.699	2.4914
298.69	1171.699	2.4914
298.71	1171.699	2.4906
298.72	1171.699	2.4906
298.73	1171.699	2.4906
298.74	1171.699	2.4898
298.75	1171.699	2.4906
298.76	1171.699	2.4906
298.76	1171.699	2.4906
298.78	1171.699	2.4898
298.79	1171.699	2.4906
298.79	1171.699	2.4898
298.8	1171.699	2.4898
298.81	1171.699	2.4898
298.81	1171.699	2.4906
298.82	1171.699	2.4906
298.82	1171.699	2.4906
298.83	1171.699	2.4914
298.84	1171.699	2.4922
299.45	1171.699	2.5007
299.64	1171.699	2.5007

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
299.77	1175.578	2.5015
299.8	1175.578	2.5046
299.81	1175.578	2.503
299.83	1175.578	2.5046
299.84	1175.578	2.5046
299.85	1175.578	2.5054
299.86	1175.578	2.5046
299.87	1175.578	2.5054
299.88	1175.578	2.5061
299.89	1175.578	2.5061
299.9	1175.578	2.5061
299.91	1175.578	2.5061
299.92	1175.578	2.5061
299.92	1175.578	2.5069
299.93	1175.578	2.5069
299.94	1175.578	2.5077
299.95	1175.578	2.5061
299.96	1175.578	2.5061
299.97	1175.578	2.5061
299.98	1175.578	2.5054
299.99	1175.578	2.5046
300.1	1175.578	2.5038
300.13	1175.578	2.503
300.15	1175.578	2.5038
300.16	1175.578	2.5038
300.17	1175.578	2.503
300.18	1175.578	2.503
300.19	1175.578	2.5023
300.2	1175.578	2.5023
300.21	1175.578	2.503
300.22	1175.578	2.5015
300.22	1175.578	2.5023
300.23	1175.578	2.5023
300.24	1175.578	2.5015
300.24	1175.578	2.5023
300.25	1175.578	2.503
300.26	1175.578	2.5023
300.26	1175.578	2.503
300.27	1175.578	2.5038
300.28	1175.578	2.5038
300.76	1175.578	2.5108
300.8	1175.578	2.5116
300.94	1175.578	2.5108
300.99	1175.578	2.5124
301.45	1175.578	2.517
301.58	1175.578	2.5162
301.89	1178.86	2.5201
301.91	1178.86	2.5217
301.93	1178.86	2.5217
301.95	1178.86	2.5217
301.97	1178.86	2.5225
301.98	1178.86	2.5209
301.99	1178.86	2.5225
302	1178.86	2.5225

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
302.02	1178.86	2.5232
302.03	1178.86	2.5232
302.05	1178.86	2.5232
302.06	1178.86	2.5232
302.08	1178.86	2.5232
302.09	1178.86	2.5201
302.12	1178.86	2.524
302.13	1178.86	2.524
302.15	1178.86	2.524
302.16	1178.86	2.5232
302.19	1178.86	2.524
302.22	1178.86	2.5225
302.31	1178.86	2.5232
302.34	1178.86	2.5225
302.36	1178.86	2.5225
302.38	1178.86	2.5217
302.39	1178.86	2.5217
302.4	1178.86	2.5217
302.41	1178.86	2.5217
302.42	1178.86	2.5209
302.43	1178.86	2.5209
302.43	1178.86	2.5209
302.44	1178.86	2.5201
302.45	1178.86	2.5209
302.46	1178.86	2.5201
302.46	1178.86	2.5201
302.47	1178.86	2.5201
302.48	1178.86	2.5217
302.48	1178.86	2.5217
302.52	1178.86	2.524
302.59	1178.86	2.5256
302.88	1178.86	2.5287
302.91	1178.86	2.5279
303.03	1178.86	2.5302
303.09	1178.86	2.5302
303.16	1178.86	2.5294
303.19	1178.86	2.5302
303.47	1178.86	2.5333
303.98	1178.86	2.5364
304.69	1178.86	2.5426
305.11	1178.86	2.5465
305.23	1178.86	2.5465
305.44	1178.86	2.5496
305.84	1178.86	2.552
305.9	1178.86	2.5543
305.96	1178.86	2.5527
305.97	1178.86	2.5551
306.07	1178.86	2.5535
306.11	1178.86	2.5551
306.27	1178.86	2.5574
306.29	1178.86	2.5582
306.31	1178.86	2.5574
306.32	1178.86	2.5589
306.34	1178.86	2.5589

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
306.36	1178.86	2.5589
306.38	1178.86	2.5597
306.39	1178.86	2.5589
306.41	1178.86	2.5589
306.42	1178.86	2.5597
306.44	1178.86	2.5605
306.45	1178.86	2.5605
306.46	1178.86	2.5597
306.48	1178.86	2.5605
306.49	1178.86	2.5605
306.5	1178.86	2.5597
306.52	1178.86	2.5597
306.56	1178.86	2.5597
306.64	1178.86	2.5582
306.67	1178.86	2.5582
306.69	1178.86	2.5582
306.7	1178.86	2.5582
306.72	1178.86	2.5574
306.73	1178.86	2.5582
306.74	1178.86	2.5574
306.75	1178.86	2.5574
306.75	1178.86	2.5566
306.76	1178.86	2.5566
306.77	1178.86	2.5574
306.77	1178.86	2.5566
306.78	1178.86	2.5558
306.79	1178.86	2.5566
306.79	1178.86	2.5566
306.8	1178.86	2.5566
306.81	1178.86	2.5582
306.81	1178.86	2.5574
306.89	1180.651	2.562
306.92	1180.651	2.5628
306.94	1180.651	2.5628
306.96	1180.651	2.5628
306.98	1180.651	2.5644
307	1180.651	2.5644
307.02	1180.651	2.5636
307.05	1180.651	2.5636
307.06	1180.651	2.5652
307.08	1180.651	2.5644
307.1	1180.651	2.5652
307.12	1180.651	2.5644
307.14	1180.651	2.5652
307.17	1180.651	2.5652
307.19	1180.651	2.5652
307.22	1180.651	2.5652
307.35	1180.651	2.5652
307.37	1180.651	2.5644
307.4	1180.651	2.5652
307.41	1180.651	2.5652
307.44	1180.651	2.5652
307.46	1180.651	2.5644
307.47	1180.651	2.5644

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
307.48	1180.651	2.5636
307.49	1180.651	2.5636
307.5	1180.651	2.5628
307.51	1180.651	2.5636
307.51	1180.651	2.5644
307.52	1180.651	2.5628
307.55	1180.651	2.5652
307.84	1180.651	2.5706
307.86	1180.651	2.5714
307.88	1180.651	2.5706
307.89	1180.651	2.5714
307.91	1180.651	2.5721
307.92	1180.651	2.5714
307.94	1180.651	2.5721
307.96	1180.651	2.5721
307.97	1180.651	2.5729
307.97	1180.651	2.5729
307.99	1180.651	2.5721
308	1180.651	2.5721
308.01	1180.651	2.5729
308.02	1180.651	2.5729
308.03	1180.651	2.5729
308.04	1180.651	2.5737
308.06	1180.651	2.5721
308.09	1180.651	2.5721
308.21	1180.651	2.5714
308.23	1180.651	2.5714
308.25	1180.651	2.5706
308.26	1180.651	2.5706
308.27	1180.651	2.5714
308.28	1180.651	2.5698
308.29	1180.651	2.5706
308.3	1180.651	2.5698
308.3	1180.651	2.5698
308.31	1180.651	2.5698
308.32	1180.651	2.5698
308.33	1180.651	2.569
308.33	1180.651	2.5698
308.34	1180.651	2.5706
308.35	1180.651	2.5698
308.35	1180.651	2.5683
308.36	1180.651	2.5683
308.38	1180.651	2.5729
308.64	1180.651	2.5768
309.29	1180.651	2.5807
309.44	1180.651	2.583
309.65	1180.651	2.5846
309.69	1180.651	2.5853
309.76	1180.651	2.5861
309.86	1180.651	2.5853
309.88	1180.651	2.5861
309.94	1180.651	2.5877
309.97	1180.651	2.5877
309.97	1180.651	2.5877

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
310.01	1180.651	2.5884
310.09	1180.651	2.5884
310.16	1180.651	2.5853
310.17	1180.651	2.5877
310.19	1180.651	2.5877
310.22	1180.651	2.5892
310.57	1180.651	2.5931
310.59	1180.651	2.5939
310.62	1180.651	2.5939
310.66	1180.651	2.5939
310.71	1180.651	2.5931
310.86	1180.651	2.5908
310.86	1180.651	2.5908
310.87	1180.651	2.5923
310.88	1180.651	2.5931
310.93	1180.651	2.5947
311.09	1185.723	2.5978
311.11	1185.723	2.5978
311.14	1185.723	2.5985
311.16	1185.723	2.5985
311.18	1185.723	2.5993
311.2	1185.723	2.5985
311.22	1185.723	2.5985
311.26	1185.723	2.5993
311.29	1185.723	2.5985
311.31	1185.723	2.5993
311.35	1185.723	2.5993
311.38	1185.723	2.5993
311.42	1185.723	2.6001
311.44	1185.723	2.5985
311.48	1185.723	2.6009
311.52	1185.723	2.6009
311.56	1185.723	2.6009
311.64	1185.723	2.6001
311.67	1185.723	2.6001
311.69	1185.723	2.6001
311.7	1185.723	2.5993
311.71	1185.723	2.5993
311.72	1185.723	2.5993
311.73	1185.723	2.5993
311.74	1185.723	2.5993
311.75	1185.723	2.5985
311.76	1185.723	2.5985
311.77	1185.723	2.5985
311.77	1185.723	2.5985
311.78	1185.723	2.5978
311.79	1185.723	2.5978
311.81	1185.723	2.6001
311.84	1185.723	2.6032
311.87	1185.723	2.604
311.91	1185.723	2.604
311.93	1185.723	2.6047
311.94	1185.723	2.6055
311.96	1185.723	2.6055

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
311.97	1185.723	2.6032
311.97	1185.723	2.6024
312.02	1185.723	2.6055
312.03	1185.723	2.604
312.08	1185.723	2.6055
312.1	1185.723	2.6063
312.13	1185.723	2.6063
312.16	1185.723	2.6063
312.19	1185.723	2.6063
312.21	1185.723	2.6071
312.32	1185.723	2.6071
312.37	1185.723	2.6079
312.38	1185.723	2.6063
312.41	1185.723	2.6063
312.44	1185.723	2.6047
312.45	1185.723	2.6063
312.46	1185.723	2.6055
312.47	1185.723	2.6055
312.48	1185.723	2.6047
312.49	1185.723	2.6055
312.5	1185.723	2.6047
312.52	1185.723	2.6047
312.54	1185.723	2.6071
312.75	1185.723	2.6117
312.78	1185.723	2.611
312.81	1185.723	2.6117
312.83	1185.723	2.6117
312.86	1185.723	2.6117
312.88	1185.723	2.6125
312.91	1185.723	2.6133
312.94	1185.723	2.6125
312.96	1185.723	2.6125
312.99	1185.723	2.6125
313.05	1185.723	2.6141
313.09	1185.723	2.6141
313.19	1185.723	2.6125
313.21	1185.723	2.6133
313.23	1185.723	2.6125
313.24	1185.723	2.6117
313.25	1185.723	2.6125
313.26	1185.723	2.6117
313.27	1185.723	2.6117
313.28	1185.723	2.6117
313.28	1185.723	2.611
313.29	1185.723	2.6102
313.3	1185.723	2.6117
313.32	1185.723	2.6133
313.39	1185.723	2.6156
313.45	1185.723	2.6172
313.59	1185.723	2.6156
313.92	1185.723	2.6211
313.94	1185.723	2.6211
313.97	1185.723	2.6218
313.97	1185.723	2.6218

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
314	1185.723	2.6218
314.04	1185.723	2.6218
314.08	1185.723	2.6218
314.11	1185.723	2.6226
314.22	1185.723	2.6218
314.26	1185.723	2.6226
314.28	1185.723	2.6218
314.3	1185.723	2.6187
314.31	1185.723	2.6179
314.81	1185.723	2.628
314.92	1185.723	2.6257
315.06	1185.723	2.6304
315.1	1185.723	2.6273
315.11	1185.723	2.6296
315.14	1185.723	2.6311
315.5	1185.723	2.6335
315.61	1185.723	2.6311
315.62	1185.723	2.6327
315.71	1185.723	2.6366
315.72	1185.723	2.6374
315.74	1185.723	2.6374
315.75	1185.723	2.6374
315.76	1185.723	2.6366
315.78	1185.723	2.6381
315.8	1185.723	2.6381
315.81	1185.723	2.6374
315.82	1185.723	2.6374
315.83	1185.723	2.6381
315.84	1185.723	2.6381
315.85	1185.723	2.6381
315.86	1185.723	2.6381
315.86	1185.723	2.6389
315.87	1185.723	2.6397
315.88	1185.723	2.6397
315.89	1185.723	2.6381
315.91	1185.723	2.6381
315.97	1185.723	2.6366
316.03	1185.723	2.6374
316.05	1185.723	2.6374
316.07	1185.723	2.6366
316.09	1185.723	2.6366
316.1	1185.723	2.6358
316.11	1185.723	2.6358
316.13	1185.723	2.6358
316.14	1185.723	2.6358
316.14	1185.723	2.635
316.15	1185.723	2.6342
316.16	1185.723	2.6358
316.17	1185.723	2.6358
316.17	1185.723	2.635
316.18	1185.723	2.6342
316.19	1185.723	2.6366
316.19	1185.723	2.6358
316.2	1185.723	2.6358

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
316.21	1185.723	2.6366
316.54	1185.723	2.6397
316.59	1185.723	2.6443
316.61	1185.723	2.6436
316.64	1185.723	2.6436
316.65	1185.723	2.6451
316.67	1185.723	2.6443
316.68	1185.723	2.6443
316.69	1185.723	2.6459
316.71	1185.723	2.6459
316.72	1185.723	2.6459
316.73	1185.723	2.6467
316.74	1185.723	2.6459
316.75	1185.723	2.6467
316.76	1185.723	2.6474
316.77	1185.723	2.6467
316.78	1185.723	2.6467
316.79	1185.723	2.6467
316.8	1185.723	2.6451
316.8	1185.723	2.6443
316.8	1185.723	2.6443
316.8	1185.723	2.6436
316.85	1185.723	2.6428
316.87	1185.723	2.642
316.88	1185.723	2.642
316.89	1185.723	2.642
316.9	1185.723	2.642
316.9	1185.723	2.6412
316.91	1185.723	2.6389
316.92	1185.723	2.6397
316.92	1185.723	2.6389
316.93	1185.723	2.6381
316.93	1185.723	2.6374
316.94	1185.723	2.6389
316.94	1185.723	2.6381
316.94	1185.723	2.6389
316.95	1185.723	2.6405
316.95	1185.723	2.642
316.95	1185.723	2.642
316.96	1185.723	2.6428
316.96	1185.723	2.6428
317.06	1185.723	2.6428
317.11	1185.723	2.6474
317.12	1185.723	2.6482
317.14	1185.723	2.6482
317.16	1185.723	2.649
317.18	1185.723	2.649
317.2	1185.723	2.649
317.22	1185.723	2.649
317.24	1185.723	2.649
317.26	1185.723	2.649
317.3	1185.723	2.649
317.32	1185.723	2.6498
317.35	1185.723	2.6498

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
317.38	1185.723	2.6498
317.4	1185.723	2.6506
317.42	1185.723	2.6506
317.45	1185.723	2.6498
317.55	1185.723	2.6498
317.58	1185.723	2.649
317.6	1185.723	2.649
317.61	1185.723	2.649
317.63	1185.723	2.6482
317.64	1185.723	2.649
317.65	1185.723	2.6482
317.66	1185.723	2.6482
317.67	1185.723	2.6474
317.67	1185.723	2.6482
317.68	1185.723	2.6474
317.69	1185.723	2.6459
317.69	1185.723	2.6474
317.7	1185.723	2.6482
317.7	1185.723	2.6482
317.73	1185.723	2.6498
317.81	1185.723	2.6544
317.83	1185.723	2.6544
317.85	1185.723	2.6544
317.87	1185.723	2.6552
317.89	1185.723	2.6544
317.91	1185.723	2.6544
317.92	1185.723	2.6552
317.97	1185.723	2.6552
318.07	1185.723	2.6544
318.11	1185.723	2.6537
318.15	1185.723	2.6544
318.17	1185.723	2.6544
318.19	1185.723	2.6537
318.2	1185.723	2.6537
318.24	1185.723	2.6552
318.66	1185.723	2.6606
318.68	1185.723	2.6606
318.7	1185.723	2.6614
318.92	1185.723	2.6606
318.94	1185.723	2.6599
318.99	1185.723	2.6622
319.05	1185.723	2.6638
319.08	1185.723	2.6638
319.11	1185.723	2.6645
319.17	1185.723	2.6638
319.24	1185.723	2.663
319.27	1185.723	2.663
319.29	1185.723	2.6622
319.32	1185.723	2.6638
319.43	1185.723	2.6653
319.52	1185.723	2.6661
319.63	1185.723	2.6684
319.74	1185.723	2.6653
319.8	1185.723	2.6707

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
319.81	1185.723	2.67
319.83	1185.723	2.6715
319.85	1185.723	2.6723
319.86	1185.723	2.6723
319.87	1185.723	2.6723
319.88	1185.723	2.6707
319.89	1185.723	2.6731
319.9	1185.723	2.6723
319.91	1185.723	2.6723
319.92	1185.723	2.6707
319.93	1185.723	2.6707
319.96	1185.723	2.6707
319.97	1185.723	2.6731
319.99	1185.723	2.6707
320.01	1185.723	2.6738
320.02	1185.723	2.6731
320.03	1185.723	2.6731
320.04	1185.723	2.67
320.06	1185.723	2.6723
320.09	1185.723	2.6723
320.17	1185.723	2.67
320.19	1185.723	2.6676
320.19	1185.723	2.6684
320.2	1185.723	2.6669
320.2	1185.723	2.6684
320.21	1185.723	2.6684
320.21	1185.723	2.6684
320.22	1185.723	2.6661
320.22	1185.723	2.6692
320.23	1185.723	2.6692
320.23	1185.723	2.67
320.24	1185.723	2.6692
320.25	1185.723	2.67
320.25	1185.723	2.6692
320.26	1185.723	2.6676
320.27	1185.723	2.6692
320.27	1185.723	2.6707
320.28	1185.723	2.67
320.29	1185.723	2.6715
320.47	1185.723	2.6738
320.72	1185.723	2.6754
320.78	1185.723	2.6754
320.8	1185.723	2.6785
320.86	1185.723	2.6793
320.88	1185.723	2.6801
320.89	1185.723	2.6785
320.92	1185.723	2.6801
320.94	1185.723	2.6801
320.96	1185.723	2.6808
320.97	1185.723	2.6801
320.99	1185.723	2.6801
321.01	1185.723	2.6808
321.02	1185.723	2.6808
321.04	1185.723	2.6816

UCS Test Results, Stage Three

S3N3-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		28 Days
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
321.05	1185.723	2.6816
321.07	1185.723	2.6808
321.08	1185.723	2.6824
321.1	1185.723	2.6816
321.11	1185.723	2.6816
321.15	1185.723	2.6816
321.24	1185.723	2.6801
321.27	1185.723	2.6801
321.28	1185.723	2.6793
321.3	1185.723	2.6793
321.31	1185.723	2.6801
321.32	1185.723	2.6793
321.33	1185.723	2.6793
321.34	1185.723	2.6785
321.34	1185.723	2.6785
321.35	1185.723	2.6793
321.36	1185.723	2.6793
321.37	1185.723	2.6785
321.37	1185.723	2.677
321.38	1185.723	2.6785
321.39	1185.723	2.6777
321.39	1185.723	2.6785
321.42	1185.723	2.6808
321.66	1185.723	2.6855
321.72	1185.723	2.6816
321.76	1185.723	2.687
321.78	1185.723	2.6855
321.88	1185.723	2.6855
321.96	1185.723	2.687
321.97	1185.723	2.687
322.03	1185.723	2.6863
322.12	1185.723	2.6855
322.17	1185.723	2.6886
322.23	1185.723	2.6909
322.25	1185.723	2.6909
322.26	1185.723	2.6909
322.27	1185.723	2.6917
322.28	1185.723	2.6925
322.29	1185.723	2.6925
322.3	1185.723	2.6925
322.31	1185.723	2.6933
322.32	1185.723	2.694
322.33	1185.723	2.6925
322.34	1185.723	2.6933
322.35	1185.723	2.6933
322.36	1185.723	2.6933
322.37	1185.723	2.6933
322.38	1185.723	2.6933
322.39	1185.723	2.6933
322.4	1185.723	2.6917
322.41	1185.723	2.6909
322.47	1185.723	2.6909
322.5	1185.723	2.6901
322.52	1185.723	2.6901

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
322.54	1185.723	2.6894
322.55	1185.723	2.6894
322.56	1185.723	2.6894
322.57	1185.723	2.6894
322.58	1185.723	2.6894
322.59	1185.723	2.6901
322.6	1185.723	2.6894
322.61	1185.723	2.6886
322.62	1185.723	2.6878
322.62	1185.723	2.687
322.63	1185.723	2.6886
322.63	1185.723	2.6894
322.64	1185.723	2.6878
322.64	1185.723	2.6894
322.65	1185.723	2.6901
322.68	1185.723	2.6925
322.75	1185.723	2.6956
322.77	1185.723	2.6948
322.79	1185.723	2.6948
322.84	1185.723	2.694
322.88	1185.723	2.6948
322.9	1185.723	2.6925
322.91	1185.723	2.6948
323.02	1185.723	2.6925
323.06	1185.723	2.6979
323.07	1185.723	2.6979
323.09	1185.723	2.6979
323.1	1185.723	2.6987
323.11	1185.723	2.6987
323.13	1185.723	2.6995
323.15	1185.723	2.6995
323.16	1185.723	2.6995
323.17	1185.723	2.6995
323.19	1185.723	2.6995
323.2	1185.723	2.6995
323.22	1185.723	2.6995
323.23	1185.723	2.6995
323.25	1185.723	2.6995
323.26	1185.723	2.6995
323.28	1185.723	2.6987
323.31	1185.723	2.6995
323.52	1185.723	2.6995
323.54	1185.723	2.6987
323.56	1185.723	2.6987
323.57	1185.723	2.6987
323.58	1185.723	2.6987
323.6	1185.723	2.6979
323.6	1185.723	2.6971
323.61	1185.723	2.6964
323.62	1185.723	2.6979
323.62	1185.723	2.6971
323.63	1185.723	2.6964
323.64	1185.723	2.6979
323.64	1185.723	2.6971

UCS Test Results, Stage Three

S3N3-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2	28 Days	
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
323.65	1185.723	2.6956
323.66	1185.723	2.6979
323.66	1185.723	2.6979
323.68	1185.723	2.6995
323.96	1185.723	2.7026
323.97	1185.723	2.7041
324.07	1185.723	2.701
324.14	1185.723	2.7072
324.16	1185.723	2.7072
324.19	1185.723	2.7072
324.21	1185.723	2.708
324.23	1185.723	2.7072
324.25	1185.723	2.708
324.26	1185.723	2.7072
324.29	1185.723	2.708
324.31	1185.723	2.708
324.33	1185.723	2.708
324.34	1185.723	2.7088
324.36	1185.723	2.7088
324.38	1185.723	2.708
324.4	1185.723	2.7057
324.47	1185.723	2.7088
324.51	1185.723	2.7088
324.6	1185.723	2.708
324.62	1185.723	2.708
324.64	1185.723	2.708
324.65	1185.723	2.708
324.67	1185.723	2.7072
324.68	1185.723	2.7072
324.69	1185.723	2.7041
324.7	1185.723	2.7072
324.7	1185.723	2.7065
324.71	1185.723	2.7065
324.72	1185.723	2.7057
324.73	1185.723	2.7026
324.73	1185.723	2.7049
324.74	1185.723	2.7057
324.74	1185.723	2.7065
324.76	1185.723	2.708
324.98	1189.9	2.7103
325.01	1189.9	2.715
325.03	1158.273	2.715
325.04	1142.459	2.7158
325.05	1126.646	2.7158
325.06	1110.832	2.7158
325.07	1095.317	2.7158
325.08	1079.503	2.7127
325.1	1063.689	2.7165
325.11	1047.876	2.7165
325.12	1032.062	2.7165
325.13	1016.249	2.7173
325.41	1016.249	2.7134
325.42	1032.062	2.7119
325.43	1047.876	2.7134

UCS Test Results, Stage Three

S3N3-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N3-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2 28 Days

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
325.44	1063.689	2.7127
325.44	1079.503	2.7119
325.45	1095.317	2.7127
327.61	1086.962	2.736
327.62	1071.149	2.7367
327.63	1055.335	2.7367
327.64	1039.521	2.7352
327.65	1023.708	2.7367
327.67	1007.894	2.7367
327.94	1008.193	2.7344

APPENDIX F: UCS Stage Four

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	0	-0.0027
0.1873	0.300691	-0.0041
0.2158	0.783619	-0.0041
0.2336	1.266547	-0.0041
0.2456	1.740363	-0.0054
0.2568	2.223292	-0.0068
0.2758	2.70622	-0.0068
0.2914	3.189148	-0.0027
0.317	3.672076	0
0.4539	4.155004	0.0027
0.9546	4.637932	0.0095
1.2553	4.637932	0.0148
1.3075	4.637932	0.0148
1.3989	4.637932	0.0162
1.4628	4.637932	0.0162
1.4852	4.637932	0.0135
1.4984	4.637932	0.0135
1.5135	5.12086	0.0135
1.6321	5.603788	0.0189
1.9176	6.077604	0.023
2.174	6.560532	0.027
2.6142	7.04346	0.0338
2.9717	7.526389	0.0392
2.9795	7.526389	0.0392
3.1563	7.526389	0.0405
3.2397	7.526389	0.0446
3.2861	7.526389	0.0459
3.3353	7.526389	0.0446
3.4814	7.526389	0.0446
3.4948	7.526389	0.0432
3.5109	7.526389	0.0432
3.546	8.009317	0.0473
3.915	8.492245	0.0527
4.4489	8.966061	0.0608
4.9793	9.448989	0.0675
4.9998	9.512772	0.0675
5.2283	9.512772	0.0729
5.2627	9.512772	0.0743
5.3225	9.512772	0.0729
5.4693	9.512772	0.0716
5.482	9.512772	0.0716
5.4978	9.512772	0.0729
5.5532	9.9957	0.077
5.8607	10.47863	0.0797
6.3731	10.96156	0.0878
6.9565	11.43537	0.0972
7.2596	11.43537	0.1026
7.4455	11.43537	0.1013
7.5303	11.9183	0.104
7.8476	12.40123	0.1094
8.4305	12.88416	0.1175
9.0136	13.35797	0.1269

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	6.958775	0.0786
1.9998	7.371584	0.09966
2.3174	7.371584	0.10368
2.4174	7.371584	0.10452
2.5898	7.371584	0.10128
2.6593	7.371584	0.10128
3.9997	7.371584	0.11664
5.9995	7.784392	0.13284
7.9993	8.61001	0.14988
9.9992	9.258709	0.1677
11.999	9.435627	0.1839
12.386	9.435627	0.18798
12.613	9.435627	0.18714
13.759	9.435627	0.19932
13.777	9.435627	0.2001
13.999	9.435627	0.20094
15.999	9.435627	0.21792
17.999	9.435627	0.23574
19.998	9.435627	0.25194
21.998	9.435627	0.26898
23.998	9.435627	0.28758
25.998	9.435627	0.30462
27.998	9.435627	0.32244
29.998	9.435627	0.33942
31.997	9.435627	0.3573
33.997	9.435627	0.37428
35.997	9.435627	0.3921
37.997	9.435627	0.40914
39.997	9.435627	0.42612
41.997	9.435627	0.44394
43.996	9.435627	0.46176
45.996	9.435627	0.4788
47.996	9.435627	0.49578
49.996	9.435627	0.51282
51.996	9.435627	0.53142
53.996	9.435627	0.54846
55.995	9.612545	0.5655
57.995	9.789463	0.58248
59.995	10.43816	0.6003
61.995	11.4407	0.61734
63.995	11.67659	0.63432
65.995	12.44323	0.65214
67.994	13.09193	0.66996
69.994	13.50474	0.68616
71.994	14.09447	0.70482
73.994	14.92009	0.72186
75.994	14.92009	0.73968
77.994	15.50981	0.75666
79.993	15.92262	0.7737
81.993	16.15851	0.79152
83.993	16.92516	0.80934
85.993	17.33797	0.82632

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	3.045653	0.31842
1.9998	3.898435	0.34389
3.9997	4.751218	0.37062
5.9995	5.441566	0.39618
7.9993	6.57861	0.42408
9.9992	7.878088	0.44964
11.999	9.70548	0.47511
13.707	11.85774	0.49824
13.999	11.97957	0.50184
15.524	14.13183	0.52254
15.999	14.53792	0.5274
17.441	16.69018	0.5481
17.999	17.38052	0.55539
19.084	19.53279	0.56754
19.998	20.95409	0.58086
21.118	23.06574	0.59544
21.998	24.93374	0.60642
22.902	27.0454	0.61857
23.802	29.19766	0.62946
23.998	29.48192	0.63315
24.907	31.59357	0.64404
25.849	33.74583	0.65619
25.998	33.86766	0.65862
27.573	35.97931	0.67932
27.998	36.54783	0.68535
29.109	38.70009	0.69876
29.998	39.6747	0.71091
31.189	41.78635	0.72666
31.997	42.51731	0.73764
33.708	44.62896	0.75951
33.997	44.75079	0.76311
35.05	46.90305	0.77652
35.997	47.87766	0.78867
37.254	49.98931	0.80568
37.997	50.72027	0.8154
39.149	52.83192	0.83124
39.997	53.6847	0.84213
41.419	55.79636	0.85914
41.997	56.48671	0.86643
43.182	58.59836	0.88344
43.996	59.57297	0.89316
45.466	61.68462	0.9126
45.996	62.25314	0.91872
47.159	64.36479	0.93447
47.996	65.21758	0.94545
49.217	67.32923	0.9612
49.996	68.18201	0.97092
51.355	70.29366	0.98919
51.996	71.26827	0.99765
53.149	73.37993	1.01223
53.996	74.6388	1.02321
55.193	76.75045	1.03896

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	7.228631	0.13284
1.6547	7.228631	0.14904
1.9862	7.228631	0.14826
3.6631	7.228631	0.16608
4.0323	7.228631	0.16608
4.9998	8.050066	0.1758
5.6676	8.050066	0.1839
5.9617	8.050066	0.1815
7.6459	8.050066	0.20094
7.992	8.050066	0.19932
9.7087	8.050066	0.21792
9.8623	8.050066	0.2163
9.9997	8.625071	0.21876
11.692	8.625071	0.23658
11.971	8.625071	0.23496
13.73	8.625071	0.25356
13.878	8.625071	0.25116
15	9.528649	0.2625
15.719	9.528649	0.26976
15.877	9.528649	0.26898
17.707	9.528649	0.28842
17.898	9.528649	0.28596
19.672	9.528649	0.3054
19.836	9.528649	0.30462
19.923	9.528649	0.30462
19.973	9.528649	0.30378
19.999	9.528649	0.3054
23.003	9.528649	0.33294
23.032	9.528649	0.33378
23.041	9.528649	0.33378
23.048	9.528649	0.33294
23.085	9.528649	0.33378
23.817	9.528649	0.34104
24.042	9.528649	0.33864
24.999	9.528649	0.35076
29.784	9.528649	0.39456
29.999	9.528649	0.3921
34.999	9.528649	0.43746
39.999	9.528649	0.48042
41.81	9.528649	0.49824
42.003	9.528649	0.49578
44.998	9.528649	0.52494
47.77	9.528649	0.55092
47.976	9.528649	0.54606
49.998	9.528649	0.5679
54.998	9.528649	0.61086
55.8	9.528649	0.61974
55.988	9.528649	0.6165
59.998	9.528649	0.6546
61.737	9.528649	0.67158
62.042	9.528649	0.66756
63.787	9.528649	0.68862

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
9.2561	13.35797	0.1323
9.416	13.35797	0.131
9.4982	13.8409	0.1337
9.9787	14.32383	0.1404
9.9997	14.38761	0.1404
10.553	14.87054	0.1499
10.9	15.34436	0.1539
11.241	15.34436	0.1607
11.411	15.34436	0.1593
11.514	15.82728	0.1634
12.046	16.31021	0.1715
12.509	16.78403	0.1769
12.907	17.26696	0.1836
13.49	17.74988	0.1917
13.75	18.2237	0.1958
14.343	18.70663	0.2039
14.844	19.18956	0.212
15	19.31712	0.2147
15.27	19.31712	0.2187
15.429	19.31712	0.2174
15.528	19.79094	0.2214
15.715	20.27387	0.2241
16.278	20.7568	0.2322
16.727	21.23061	0.239
17.098	21.71354	0.2444
17.649	22.19647	0.2525
17.937	22.67028	0.2565
18.243	23.15321	0.2619
18.252	23.15321	0.2619
18.512	23.15321	0.2646
18.889	23.63614	0.27
19.211	23.63614	0.2754
19.252	23.63614	0.2768
19.315	23.63614	0.2781
19.472	23.63614	0.2754
19.484	23.63614	0.2754
19.495	23.63614	0.2754
19.524	24.10996	0.2781
19.884	24.59288	0.2849
19.999	24.65667	0.2876
20.191	25.13048	0.2903
20.57	25.61341	0.2943
20.597	25.61341	0.2957
20.796	25.61341	0.2984
21.124	26.08723	0.3038
21.23	26.08723	0.3051
21.399	26.08723	0.3065
21.613	26.57016	0.3105
21.971	27.05308	0.3146
22.405	27.5269	0.3214
22.905	28.00983	0.3295
23.279	28.00983	0.3362

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
87.993	17.57386	0.84336
89.993	17.98666	0.86118
91.992	18.16358	0.87816
93.992	18.75331	0.89598
95.992	18.9892	0.91386
97.992	19.40201	0.93006
99.992	19.75584	0.94788
101.99	20.40454	0.9657
103.99	20.40454	0.98268
105.99	20.75838	1.0005
107.99	20.75838	1.01754
109.99	20.75838	1.03536
111.99	20.99427	1.05234
113.99	21.76092	1.07016
115.99	21.76092	1.08636
117.99	22.58653	1.10502
119.99	22.76345	1.12206
121.99	23.35318	1.13988
123.99	23.35318	1.15686
125.99	23.35318	1.1739
127.99	23.76599	1.19172
129.99	24.17879	1.20954
131.99	24.76852	1.22574
133.99	24.76852	1.24356
135.99	25.59414	1.26054
137.99	26.18387	1.2792
139.99	26.18387	1.29624
141.99	27.59921	1.31322
143.99	28.01202	1.33026
145.99	28.36585	1.34886
147.99	29.19147	1.36506
149.99	30.19401	1.38288
151.99	30.60682	1.39992
153.99	30.78373	1.41774
155.99	32.19908	1.43472
157.99	33.4375	1.45176
159.99	34.44004	1.46958
160.24	34.44004	1.47282
160.4	34.44004	1.47282
161.99	35.02977	1.48662
162.2	35.02977	1.49064
162.43	35.02977	1.48902
163.99	35.79641	1.50444
165.99	36.62203	1.52226
166.2	36.62203	1.52466
166.4	36.62203	1.52466
167.99	37.21176	1.53846
169.99	37.38867	1.55628
171.99	38.6271	1.5741
173.99	39.80655	1.59192
174.19	39.80655	1.59432
174.41	39.80655	1.59354

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
55.995	77.76567	1.04994
57.114	79.87732	1.06452
57.995	80.68949	1.07541
58.927	82.80114	1.08882
59.995	84.22245	1.10223
60.985	86.3341	1.11312
61.995	87.43054	1.1277
62.856	89.54219	1.13868
63.995	91.24775	1.15443
64.928	93.3188	1.16658
65.995	94.86193	1.17999
66.816	96.97358	1.18971
67.994	98.80097	1.20672
68.843	100.9126	1.21644
69.994	102.2933	1.23219
70.901	104.405	1.24317
71.924	106.5166	1.25775
71.994	106.6385	1.25892
73.196	108.7501	1.2735
73.994	109.7247	1.28322
74.865	111.8364	1.29537
75.97	113.948	1.31121
75.994	113.948	1.31121
76.85	115.8972	1.32093
77.806	118.0089	1.33425
77.994	118.5368	1.33794
78.868	120.6485	1.34766
79.993	122.4758	1.36224
80.836	124.5875	1.37322
81.89	126.6585	1.3878
81.993	126.6585	1.39023
82.836	128.7702	1.39995
83.77	130.8818	1.4121
83.993	131.1255	1.41453
84.811	133.2372	1.42542
85.845	135.3488	1.43883
85.993	135.4706	1.44126
86.848	137.5823	1.45098
87.784	139.6533	1.4643
87.993	139.8158	1.46673
88.806	141.8868	1.47771
89.85	143.9985	1.49229
89.993	144.1203	1.49229
90.752	146.2319	1.50201
91.71	148.303	1.51533
91.992	148.9933	1.51902
92.812	151.105	1.52991
93.866	153.176	1.54332
93.992	153.176	1.54692
94.77	155.2877	1.55547
95.585	157.3587	1.56636
95.992	157.9272	1.57248

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.997	9.528649	0.68616
64.998	9.528649	0.6975
65.693	9.528649	0.7056
65.805	9.528649	0.7056
65.956	9.528649	0.70398
66.021	9.528649	0.70236
69.998	9.528649	0.74208
71.666	9.528649	0.7575
71.827	9.528649	0.7575
71.955	9.528649	0.7575
72.028	9.528649	0.75588
73.692	9.528649	0.77532
73.794	9.528649	0.77694
73.975	9.528649	0.77448
74.041	9.528649	0.77286
74.997	9.692937	0.78504
75.63	9.692937	0.7923
75.743	9.692937	0.79314
76.011	9.692937	0.79152
76.061	9.692937	0.79068
77.7	9.692937	0.80934
77.857	9.692937	0.80688
79.656	9.692937	0.82716
79.825	9.692937	0.82794
79.905	9.692937	0.82716
79.977	9.692937	0.82554
79.997	11.08938	0.82554
81.619	11.08938	0.84336
81.724	11.08938	0.84498
82.024	11.08938	0.84414
82.077	11.08938	0.84174
83.651	11.08938	0.86196
83.887	11.08938	0.86034
84.997	13.71797	0.87168
85.608	13.71797	0.879
85.699	13.71797	0.87978
85.917	13.71797	0.87816
85.978	13.71797	0.87738
87.707	13.71797	0.89598
87.818	13.71797	0.89598
89.635	13.71797	0.91386
89.734	13.71797	0.91464
89.934	13.71797	0.91302
89.995	13.71797	0.9114
89.997	13.71797	0.91062
91.672	13.71797	0.93084
91.859	13.71797	0.92844
94.997	15.36084	0.95838
95.644	15.36084	0.9657
95.725	15.36084	0.96648
95.882	15.36084	0.96486
95.924	15.36084	0.96408

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
23.388	28.00983	0.3349
23.449	28.48364	0.3362
23.644	28.96657	0.3389
24.143	29.44039	0.3457
24.423	29.92332	0.3511
24.893	30.39713	0.3578
24.999	30.56115	0.3592
25.266	30.56115	0.3659
25.338	30.56115	0.3646
25.425	30.56115	0.3619
25.453	30.56115	0.3632
25.539	31.03496	0.3659
25.814	31.51789	0.3713
26.286	31.99171	0.3781
26.635	32.47464	0.3835
27.064	32.94845	0.3889
27.504	33.43138	0.3943
27.904	33.9052	0.401
28.201	34.38812	0.4051
28.733	34.86194	0.4132
29.043	35.34487	0.4172
29.252	35.34487	0.4226
29.409	35.34487	0.4213
29.522	35.81868	0.424
29.83	36.30161	0.428
29.999	36.30161	0.4321
30.249	36.68431	0.4348
30.527	37.15813	0.4402
31.019	37.63194	0.4456
31.429	38.11487	0.451
31.551	38.58869	0.4537
32.053	39.07162	0.4604
32.401	39.54543	0.4658
32.79	40.02836	0.4712
33.387	40.50218	0.4793
33.398	40.50218	0.4793
33.435	40.50218	0.4807
33.528	40.9851	0.4834
34.05	41.45892	0.4901
34.348	41.93274	0.4942
34.676	42.41566	0.4982
34.999	42.54323	0.5036
35.369	43.01705	0.5077
35.502	43.49997	0.5104
35.923	43.97379	0.5171
36.212	44.44761	0.5212
36.602	44.93053	0.5279
36.917	45.40435	0.5306
37.432	45.87817	0.5387
37.645	46.3611	0.5414
37.882	46.83491	0.5455
38.352	47.30873	0.5522

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
175.99	40.80909	1.6089
177.99	40.98601	1.62672
179.99	42.81416	1.64376
181.99	43.81669	1.66158
183.7	43.81669	1.67538
183.98	43.81669	1.67862
183.99	43.81669	1.67862
185.72	43.81669	1.6932
185.98	43.81669	1.6956
187.98	43.81669	1.71342
189.98	44.76026	1.73046
190.21	44.76026	1.7337
190.42	44.76026	1.73208
191.98	46.76533	1.74744
192.2	46.76533	1.7499
192.38	46.76533	1.75068
193.98	48.18067	1.76526
195.98	49.18321	1.78308
197.98	51.18828	1.80012
199.98	53.37027	1.8171
201.98	54.3728	1.83498
203.98	56.9676	1.8528
205.98	57.97014	1.869
207.97	60.97774	1.88682
207.98	60.97774	1.88682
208.19	60.97774	1.89006
208.39	60.97774	1.88844
209.98	62.74692	1.90464
211.98	64.16227	1.92162
213.98	66.52117	1.93944
215.98	68.76213	1.95648
216.2	68.76213	1.95888
216.34	68.76213	1.95972
217.98	71.35693	1.9743
218.18	71.35693	1.97754
218.41	71.35693	1.9767
219.98	73.71584	1.99128
220.17	73.71584	1.99374
220.38	73.71584	1.9929
221.98	75.89783	2.0091
223.98	78.49262	2.02614
224.19	78.49262	2.0286
224.4	78.49262	2.02776
225.98	81.08742	2.04318
227.92	84.09503	2.061
227.98	84.09503	2.06016
228.17	84.09503	2.06424
228.4	84.09503	2.06262
229.76	86.27702	2.07558
229.98	86.27702	2.07798
231.36	88.63592	2.09094
231.98	89.04873	2.0958

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
96.887	160.0389	1.58337
97.83	162.1099	1.59435
97.992	162.3942	1.59795
98.791	164.4652	1.6065
99.416	166.5769	1.61496
99.992	167.5515	1.62351
100.8	169.6226	1.63323
101.55	171.7342	1.64421
101.99	172.4246	1.6515
102.78	174.4956	1.65879
103.47	176.6072	1.66968
103.99	177.5819	1.6758
104.84	179.6529	1.68552
105.93	181.7239	1.7001
105.99	181.7239	1.70127
106.79	183.795	1.71225
107.57	185.9066	1.72314
107.99	186.597	1.728
108.81	188.668	1.73898
109.7	190.7391	1.75113
109.99	191.3076	1.75356
110.83	193.3786	1.76445
111.61	195.4903	1.77543
111.99	196.0182	1.78029
112.81	198.1299	1.79001
113.69	200.2009	1.80333
113.99	200.8913	1.80576
114.75	202.9623	1.81674
115.33	205.0333	1.82403
115.99	206.2922	1.83132
116.83	208.3633	1.84221
117.53	210.4749	1.85319
117.99	211.1246	1.85805
118.8	213.2363	1.86777
119.47	215.3073	1.87749
119.99	215.9977	1.88478
120.75	218.0687	1.8945
121.38	220.1398	1.90179
121.99	221.3986	1.91034
122.98	223.4697	1.92366
123.27	223.4697	1.92735
123.99	223.4697	1.93707
124.8	223.5509	1.94679
125.28	225.622	1.95282
125.92	227.693	1.96254
125.99	227.693	1.96254
126.77	229.764	1.97226
127.66	231.8351	1.98441
127.99	232.9721	1.99053
128.74	235.0432	1.99899
129.04	237.1142	2.00268
129.99	238.901	2.01483

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.59	15.36084	0.98268
97.664	15.36084	0.98352
97.816	15.36084	0.9843
97.923	15.36084	0.98352
97.973	15.36084	0.98268
98.043	15.36084	0.9843
99.997	15.93584	1.00296
101.65	15.93584	1.01754
101.73	15.93584	1.01916
101.87	15.93584	1.01592
101.9	15.93584	1.01592
105	17.08585	1.04586
105.64	17.08585	1.05234
105.89	17.08585	1.05318
107.66	17.08585	1.07016
107.83	17.08585	1.06776
110	17.57872	1.08882
111.65	17.57872	1.10502
111.83	17.57872	1.1034
115	18.15372	1.1334
115.68	18.15372	1.13988
115.86	18.15372	1.13742
117.64	18.15372	1.15686
117.84	18.15372	1.15524
119.72	18.15372	1.1739
119.81	18.15372	1.17306
120	19.55016	1.1763
121.6	19.55016	1.19172
121.74	19.55016	1.1925
121.84	19.55016	1.1901
121.88	19.55016	1.19172
123.6	19.55016	1.20792
124.46	19.55016	1.21518
125	19.55016	1.22004
125.59	19.55016	1.2249
125.7	19.55016	1.22736
125.85	19.55016	1.2249
125.89	19.55016	1.2249
127.64	19.55016	1.24356
127.83	19.55016	1.24194
130	19.55016	1.263
131.61	19.55016	1.27758
131.93	19.55016	1.2792
135	19.55016	1.30674
137.57	19.55016	1.33026
137.68	19.55016	1.33104
137.83	19.55016	1.32942
137.88	19.55016	1.33026
139.65	19.55016	1.34724
139.84	19.55016	1.34808
140	19.55016	1.3497
141.58	19.55016	1.36428

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
38.66	47.79166	0.5576
39.057	48.26547	0.563
39.248	48.26547	0.5671
39.397	48.26547	0.5657
39.445	48.73929	0.5684
39.673	49.22222	0.5711
39.96	49.69603	0.5752
39.999	49.69603	0.5765
40.238	50.11518	0.5792
40.564	50.58899	0.5846
40.986	51.06281	0.59
41.236	51.06281	0.5954
41.422	51.06281	0.5941
41.455	51.54574	0.5954
41.525	52.01955	0.5981
41.885	52.49337	0.6035
42.183	52.9763	0.6076
42.551	53.45012	0.6143
42.819	53.92393	0.6171
43.105	54.39775	0.6225
43.201	54.39775	0.6238
43.391	54.39775	0.6252
43.483	54.88068	0.6265
43.68	55.35449	0.6292
44.047	55.82831	0.6346
44.417	56.31124	0.6414
44.704	56.78505	0.6454
44.978	57.25887	0.6481
44.998	57.25887	0.6495
45.41	57.514	0.6535
45.47	57.99693	0.6549
45.8	58.47074	0.6603
46.085	58.94456	0.663
46.401	59.41838	0.6697
46.658	59.89219	0.6738
47.018	60.37512	0.6778
47.426	60.84894	0.6832
47.509	61.32275	0.6846
47.878	61.80568	0.69
48.114	62.2795	0.694
48.42	62.75331	0.6981
48.718	63.22713	0.7021
49.057	63.71006	0.7075
49.434	64.18388	0.7129
49.579	64.65769	0.7156
49.935	65.13151	0.7197
49.998	65.23174	0.721
50.265	65.70555	0.7251
50.562	66.17937	0.7291
50.807	66.65319	0.7332
51.066	67.13611	0.7359
51.231	67.13611	0.7399

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
232.17	89.04873	2.09826
232.36	89.04873	2.09826
233.84	92.05634	2.11122
233.98	92.05634	2.112
235.75	94.59216	2.1282
235.98	94.59216	2.13066
237.33	96.77415	2.14278
237.98	97.18696	2.14764
239.69	100.1946	2.16222
239.98	100.1946	2.16546
241.45	102.7304	2.17764
241.98	102.9663	2.1825
242.17	102.9663	2.18496
242.42	102.9663	2.18496
243.8	105.9149	2.1987
243.98	106.3277	2.19954
245.91	109.2764	2.21652
245.98	109.2764	2.21736
247.61	111.6942	2.2311
247.98	111.8712	2.23518
248.16	111.8712	2.23758
248.37	111.8712	2.2368
249.2	114.8788	2.24568
249.98	114.8788	2.253
250.18	114.8788	2.25462
250.38	114.8788	2.25378
251.07	117.8274	2.26188
251.98	117.8274	2.26998
252.65	119.7735	2.27484
253.98	120.9529	2.28702
254.15	120.9529	2.28942
254.35	120.9529	2.28864
255.65	123.9606	2.3016
255.98	123.9606	2.304
256.4	125.9067	2.30724
257.98	126.9092	2.32182
258.16	126.9092	2.32344
258.36	126.9092	2.32428
259.24	129.8578	2.33316
259.98	129.8578	2.33886
260.22	129.8578	2.34126
260.35	129.8578	2.34048
260.63	132.6295	2.3445
261.98	133.809	2.35668
262.12	133.809	2.35908
262.18	133.809	2.35908
262.27	133.809	2.35992
262.42	133.809	2.35908
262.45	133.809	2.35908
262.48	133.809	2.35908
263.54	136.7576	2.37048
263.98	136.7576	2.3745

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
130.75	240.972	2.02329
131.41	243.0431	2.03301
131.99	244.5862	2.04156
132.77	246.6573	2.05128
133.28	248.7283	2.05731
133.99	250.2308	2.06829
134.76	252.3425	2.07558
135.11	254.4135	2.08287
135.99	256.2003	2.09376
136.76	258.2713	2.10105
137.26	260.3424	2.1096
137.99	261.4388	2.12049
138.3	263.5099	2.12418
138.86	265.5809	2.13021
139.7	267.652	2.14362
139.99	267.7738	2.14605
140.72	269.8448	2.15577
141.07	271.9159	2.15937
141.9	273.9869	2.17035
141.99	274.393	2.17152
142.77	276.464	2.17881
143.31	278.5351	2.18862
143.99	279.9158	2.19708
144.77	281.9868	2.20563
145.1	284.0579	2.21292
145.99	285.8447	2.22381
146.76	287.9157	2.23236
147.2	289.9867	2.23839
147.99	291.7735	2.25054
148.77	293.8446	2.25783
149.25	295.9156	2.26638
149.99	296.9714	2.2761
150.78	299.0425	2.28582
151.06	301.1135	2.28942
151.99	302.9003	2.30283
152.76	304.9714	2.31012
153.12	307.0424	2.31741
153.91	309.0728	2.32713
153.99	309.0728	2.3283
154.76	310.9814	2.33802
155.32	313.0525	2.34531
155.99	314.4332	2.35386
156.79	316.5042	2.36358
157.26	318.5753	2.37087
157.99	320.3214	2.38059
158.87	322.3925	2.39031
159.48	324.4229	2.40003
159.99	325.3975	2.40606
160.78	327.4686	2.41578
161.62	329.499	2.42793
161.99	330.5954	2.43162
162.19	332.6665	2.43405

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
141.84	19.55016	1.36428
143.62	19.55016	1.38288
143.82	19.55016	1.38048
145	19.55016	1.39344
150	19.55016	1.43718
151.6	19.55016	1.45254
151.71	19.55016	1.45254
151.85	19.55016	1.45176
151.9	19.55016	1.45092
153.62	19.55016	1.46958
153.84	19.55016	1.46796
155	19.71445	1.48092
155.59	19.71445	1.48662
155.93	19.71445	1.48824
157.57	19.71445	1.5036
159.26	19.71445	1.51818
159.62	19.71445	1.52142
159.9	19.71445	1.52304
159.99	19.71445	1.52388
161.7	19.71445	1.53846
161.79	19.71445	1.53846
164.99	19.71445	1.56762
165.59	19.71445	1.5741
165.82	19.71445	1.57326
167.62	19.71445	1.59108
167.82	19.71445	1.5903
169.99	20.86446	1.61052
171.57	20.86446	1.6251
171.85	20.86446	1.62594
174.99	21.68589	1.6551
177.61	21.68589	1.67778
177.84	21.68589	1.677
179.56	21.68589	1.69482
179.99	21.68589	1.69806
181.61	21.68589	1.71342
181.86	21.68589	1.7118
183.62	21.68589	1.72962
183.8	21.68589	1.72884
184.99	22.50733	1.7418
185.58	22.50733	1.74666
185.72	22.50733	1.74828
185.81	22.50733	1.74666
185.84	22.50733	1.74666
189.99	25.30021	1.7847
191.61	25.30021	1.79928
191.81	25.30021	1.79928
193.55	25.30021	1.81716
193.63	25.30021	1.81794
193.83	25.30021	1.81632
194.99	25.30021	1.8285
197.56	25.30021	1.85196
197.82	25.30021	1.85034

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
51.42	67.13611	0.7413
51.462	67.60993	0.7426
51.636	68.08375	0.7467
51.903	68.55756	0.7494
52.222	69.03138	0.7534
52.479	69.51431	0.7575
52.806	69.98812	0.7615
53.112	70.46194	0.7669
53.451	70.93576	0.771
53.636	71.40957	0.7737
53.88	71.8925	0.7777
54.188	72.36632	0.7818
54.485	72.84013	0.7872
54.698	73.31395	0.7899
54.998	73.6602	0.7939
55.386	74.13402	0.7993
55.519	74.61694	0.802
55.776	75.09076	0.8061
55.99	75.56458	0.8074
56.238	76.03839	0.8115
56.555	76.51221	0.8155
56.871	76.98603	0.8209
57.117	77.45984	0.825
57.185	77.45984	0.8277
57.266	77.45984	0.8277
57.383	77.45984	0.8263
57.415	77.45984	0.8263
57.447	77.94277	0.829
57.577	78.41659	0.8304
57.926	78.8904	0.8358
58.151	79.36422	0.8398
58.395	79.83803	0.8439
58.704	80.31185	0.8479
58.879	80.79478	0.8493
59.421	81.26859	0.8547
59.471	81.74241	0.8587
59.687	82.21623	0.8614
59.996	82.69004	0.8655
59.998	82.69004	0.8655
60.191	83.16386	0.8682
60.394	83.63768	0.8722
60.661	84.11149	0.8749
61.009	84.58531	0.8803
61.28	84.58531	0.8857
61.365	84.58531	0.8857
61.419	85.05912	0.8857
61.481	85.54205	0.8871
61.736	86.01587	0.8925
61.984	86.48969	0.8952
62.238	86.9635	0.8992
62.473	87.43732	0.9019
62.709	87.91113	0.906

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
265.49	139.1165	2.38668
265.98	139.1165	2.39154
266.19	139.1165	2.39394
266.34	139.1165	2.39316
267.41	141.8882	2.4045
267.98	141.8882	2.40852
268.16	141.8882	2.41098
268.37	141.8882	2.41098
268.42	144.8369	2.4126
269.98	146.0163	2.42634
270.19	146.0163	2.4288
270.34	146.0163	2.42718
271.98	148.3752	2.44338
273.13	151.3239	2.45388
273.98	152.5033	2.46036
275.7	155.452	2.47578
275.98	156.4545	2.47818
276.18	156.4545	2.48064
276.32	156.4545	2.48142
277.29	159.4031	2.48952
277.98	159.4031	2.49522
278.11	159.4031	2.49846
278.34	159.4031	2.49846
279.49	162.3518	2.5098
279.98	162.3518	2.51382
280.17	162.3518	2.51544
280.34	162.3518	2.51382
280.52	165.1235	2.5179
281.98	166.6568	2.53002
282.17	166.6568	2.53326
282.36	166.6568	2.53326
283.74	169.6054	2.54544
283.98	169.6054	2.54706
285.26	172.554	2.55924
285.98	172.554	2.56572
286.96	175.3257	2.57382
287.98	176.5052	2.5827
288.14	176.5052	2.58594
288.38	176.5052	2.58432
288.42	179.4538	2.58678
289.98	179.4538	2.59974
290.17	179.4538	2.60136
290.33	179.4538	2.60214
290.46	182.4025	2.6046
291.98	183.1101	2.61756
293.07	186.1177	2.62644
293.98	186.4716	2.63376
294.13	186.4716	2.63778
294.21	186.4716	2.63778
294.38	186.4716	2.63616
294.42	186.4716	2.63616
294.44	189.4202	2.63862

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
163.26	334.6969	2.44863
163.99	335.5091	2.45835
164.76	337.5801	2.46807
165.03	339.6512	2.47176
165.78	341.6816	2.48148
165.99	341.6816	2.48508
166.77	343.7527	2.49363
167.2	345.7831	2.49966
167.99	347.1638	2.50938
168.82	349.1942	2.52153
169.42	351.2653	2.52882
169.99	352.3211	2.53737
170.85	354.3921	2.54709
171.52	356.4226	2.55681
171.99	356.9505	2.56167
172.78	359.0215	2.57139
173.54	361.052	2.58354
173.99	362.1484	2.5884
174.84	364.1788	2.60055
175.32	366.2499	2.60541
175.99	367.3057	2.61387
176.77	369.3768	2.62359
177.61	371.4072	2.63574
177.99	371.4072	2.64186
178.77	373.4376	2.65032
179.19	375.4681	2.65761
179.99	376.8488	2.66733
180.76	378.8792	2.67588
181.22	380.9502	2.68317
181.99	382.0061	2.69163
182.83	384.0365	2.70378
183.56	386.0669	2.7135
183.99	386.3106	2.71836
184.8	388.3816	2.72817
185.63	390.5339	2.74149
185.98	391.6303	2.74518
186.81	393.6608	2.7549
187.78	395.813	2.76948
187.98	396.0973	2.77065
188.81	398.1277	2.78163
189.53	400.1582	2.79252
189.98	400.8079	2.79864
190.79	402.8789	2.8071
191.2	404.9094	2.81322
191.98	405.9652	2.82537
192.8	408.0362	2.83383
193.41	410.0667	2.84112
193.98	411.0007	2.84967
194.83	413.0311	2.85939
195.98	414.2088	2.87397
196.83	416.361	2.88612
197.59	418.5133	2.89701

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
199.99	25.30021	1.8714
201.6	25.30021	1.88598
201.8	25.30021	1.88598
204.99	25.46449	1.91514
205.59	25.46449	1.92162
205.81	25.46449	1.92084
209.6	25.46449	1.95648
209.77	25.46449	1.95648
209.99	25.79307	1.95888
214.99	28.01094	2.00184
215.54	28.01094	2.00916
215.6	28.01094	2.00832
215.82	28.01094	2.00754
215.87	28.01094	2.00832
217.55	28.01094	2.02452
217.77	28.01094	2.02452
219.6	28.01094	2.04234
219.78	28.01094	2.04156
219.99	29.32524	2.04642
223.49	29.32524	2.0772
224.99	29.32524	2.08932
225.55	29.32524	2.0958
225.63	29.32524	2.0958
225.81	29.32524	2.09418
225.84	29.32524	2.09418
229.99	29.32524	2.13306
231.63	29.32524	2.14686
231.75	29.32524	2.14686
233.62	29.32524	2.16468
233.77	29.32524	2.16384
234.99	29.57167	2.17602
237.58	29.57167	2.19954
237.71	29.57167	2.19792
239.51	29.57167	2.21652
239.73	29.57167	2.2149
239.99	32.03598	2.21976
244.99	33.67885	2.2635
247.46	33.67885	2.2854
247.62	33.67885	2.2854
249.99	35.65029	2.30646
254.83	39.75747	2.34858
254.99	39.75747	2.3502
255.4	39.75747	2.35506
255.44	39.75747	2.35506
255.49	39.75747	2.35506
255.59	39.75747	2.35506
255.68	39.75747	2.35506
255.72	39.75747	2.35506
255.74	39.75747	2.35422
255.78	39.75747	2.35422
259.92	42.22177	2.39316
259.99	42.22177	2.39316

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
62.986	88.38495	0.91
63.425	88.85877	0.9141
63.477	89.33258	0.9168
63.713	89.8064	0.9195
63.979	90.28021	0.9236
64.174	90.75403	0.9263
64.4	91.23696	0.9303
64.717	91.71078	0.9344
64.933	92.18459	0.9371
64.998	92.18459	0.9384
65.15	92.62196	0.9411
65.223	92.62196	0.9425
65.373	92.62196	0.9438
65.444	93.09578	0.9452
65.537	93.56959	0.9465
65.772	94.04341	0.9506
66.018	94.52634	0.9533
66.252	95.00015	0.9573
66.549	95.47397	0.9614
66.765	95.93867	0.9654
67.054	96.4216	0.9681
67.253	96.4216	0.9722
67.418	96.4216	0.9708
67.431	96.88631	0.9735
67.473	97.36923	0.9749
67.687	97.84305	0.9776
67.974	98.31687	0.9816
68.169	98.79068	0.9843
68.466	99.2645	0.9897
68.662	99.73832	0.9924
68.906	100.2121	0.9951
69.13	100.6859	0.9992
69.178	100.6859	1.0005
69.218	100.6859	1.0005
69.272	100.6859	1.0032
69.427	100.6859	1.0019
69.458	100.6859	1.0005
69.47	100.6859	1.0005
69.489	101.1598	1.0032
69.594	101.6336	1.0046
69.868	102.1074	1.01
69.998	102.2623	1.0127
70.145	102.7361	1.014
70.443	103.2099	1.0167
70.607	103.6837	1.0208
70.874	104.1576	1.0235
71.149	104.6314	1.0302
71.197	104.6314	1.0302
71.365	104.6314	1.0302
71.423	105.1052	1.0329
71.5	105.579	1.0343
71.805	106.0528	1.037

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
295.98	189.4202	2.65158
296.18	189.4202	2.65482
296.37	189.4202	2.6532
296.39	192.1919	2.65482
297.98	193.9021	2.6694
298.48	196.8508	2.67426
299.98	199.0328	2.688
300.11	199.0328	2.68884
300.28	199.0328	2.68962
301.76	202.1583	2.7018
301.98	202.1583	2.7042
302.14	202.1583	2.70582
302.35	202.1583	2.70666
302.4	204.6941	2.70828
303.98	205.6377	2.72202
304.15	205.6377	2.7237
304.34	205.6377	2.72526
304.41	208.5863	2.72526
305.97	209.5299	2.7399
306.15	209.5299	2.74152
306.28	209.5299	2.74152
307.17	212.7144	2.74962
307.97	213.658	2.75688
308.13	213.658	2.75934
308.36	213.658	2.7585
309.8	216.7835	2.77146
309.97	216.9605	2.77308
310.12	216.9605	2.77716
310.38	216.9605	2.77632
311.43	220.086	2.78688
311.97	220.4398	2.7909
312.1	220.4398	2.79336
312.35	220.4398	2.79336
313.3	223.6244	2.80224
313.97	223.7423	2.80872
314.14	223.7423	2.81034
314.37	223.7423	2.81118
314.57	226.7499	2.81358
315.97	227.4576	2.82654
316.95	230.5831	2.83464
317.97	230.7601	2.84358
318.1	230.7601	2.84598
318.17	230.7601	2.84598
318.39	230.7601	2.84436
318.4	230.7601	2.8452
318.43	233.7087	2.84682
319.97	234.8292	2.86056
320.12	234.8292	2.86218
320.36	234.8292	2.86302
321.35	237.9547	2.87274
321.97	238.5445	2.87838
322.15	238.5445	2.88

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
197.98	418.9194	2.90187
198.83	421.0716	2.91285
199.98	422.6554	2.92986
200.81	424.7264	2.93715
201.52	426.7569	2.94687
201.98	427.4066	2.95416
202.82	429.5589	2.96388
203.48	431.7517	2.9736
203.98	432.5233	2.97963
204.8	434.7162	2.98935
205.65	436.8684	3.0015
205.98	437.3963	3.00645
206.85	439.5486	3.01617
207.79	441.7009	3.02949
207.98	441.7009	3.03318
208.55	441.7009	3.04047
208.71	441.7009	3.04164
208.88	443.2846	3.0429
209.82	445.4369	3.05505
209.98	445.8429	3.05748
210.56	445.8429	3.0672
210.74	445.8429	3.06594
210.99	447.8734	3.0708
211.98	449.0104	3.08538
212.54	449.0104	3.09393
212.7	449.0104	3.09267
212.8	451.0409	3.0951
213.98	452.787	3.11094
214.82	454.9393	3.12183
215.79	457.0916	3.13398
215.98	457.0916	3.13641
216.47	457.0916	3.14496
216.72	457.0916	3.14496
217.1	458.7971	3.15099
217.98	459.6905	3.16197
218.48	459.6905	3.17043
219.98	459.6905	3.1887
220.83	459.6905	3.19842
221.76	461.4773	3.213
221.98	461.4773	3.21417
222.8	463.2235	3.22515
223.62	465.3757	3.23604
223.98	465.9036	3.2409
224.55	465.9036	3.25062
224.69	465.9036	3.24819
224.86	467.8935	3.25188
225.98	469.3554	3.26646
226.52	469.3554	3.27618
226.69	469.3554	3.27492
226.85	471.3452	3.27744
227.98	473.2132	3.29319
228.49	473.2132	3.30048

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
261.4	42.22177	2.40612
261.62	42.22177	2.40528
264.99	42.22177	2.4369
267.43	42.22177	2.45958
267.61	42.22177	2.45796
269.41	42.22177	2.4774
269.44	42.22177	2.4774
269.49	42.22177	2.4774
269.68	42.22177	2.47656
269.7	42.22177	2.47578
269.72	42.22177	2.47578
269.99	44.43965	2.48064
271.41	44.43965	2.4936
271.56	44.43965	2.49276
273.4	44.43965	2.51142
273.64	44.43965	2.51058
274.52	48.54683	2.51952
274.99	48.54683	2.52438
275.44	48.54683	2.5284
275.58	48.54683	2.52678
279.99	50.1897	2.56734
283.43	50.1897	2.59812
283.59	50.1897	2.59728
284.99	51.25756	2.61024
287.86	55.36474	2.63616
289.99	56.18617	2.65482
293.39	56.18617	2.68476
293.61	56.18617	2.68398
294.99	58.32191	2.69694
299.08	62.42908	2.73342
299.37	62.42908	2.73666
299.44	62.42908	2.73744
299.6	62.42908	2.73582
299.64	62.42908	2.73744
299.99	62.42908	2.74152
301.39	62.42908	2.75448
301.59	62.42908	2.75286
303.98	65.96125	2.77554
304.99	66.53626	2.78442
305.4	66.53626	2.7885
305.52	66.53626	2.78928
307.32	66.53626	2.80632
308.09	66.53626	2.81196
309.41	66.53626	2.8233
309.56	66.53626	2.82414
309.99	68.42556	2.82816
311.37	68.42556	2.84112
311.46	68.42556	2.84196
311.61	68.42556	2.84034
311.62	68.42556	2.84034
313.35	68.42556	2.85816
313.58	68.42556	2.85816

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
72.031	106.5266	1.041
72.278	107.0005	1.0437
72.533	107.4743	1.0478
72.727	107.9481	1.0505
72.953	108.4219	1.0532
73.404	108.8866	1.0586
73.504	109.3604	1.0613
73.599	109.8434	1.0626
73.864	110.3081	1.068
74.088	110.7819	1.0707
74.345	111.2557	1.0734
74.581	111.7295	1.0775
74.767	112.2033	1.0802
74.961	112.6771	1.0829
74.997	112.6771	1.0842
75.369	112.9869	1.0883
75.483	113.4608	1.0923
75.607	113.9437	1.0923
75.861	114.4084	1.0964
76.107	114.8822	1.0991
76.272	115.356	1.1018
76.475	115.8298	1.1045
76.764	116.3037	1.1085
76.908	116.7775	1.1112
77.279	116.7775	1.118
77.386	116.7775	1.1166
77.419	117.2422	1.1193
77.46	117.7251	1.118
77.582	118.1989	1.122
77.849	118.6727	1.1247
78.083	119.1374	1.1288
78.301	119.6204	1.1301
78.483	120.0851	1.1328
78.721	120.5589	1.1369
78.884	121.0327	1.1409
79.128	121.5065	1.1436
79.187	121.5065	1.1463
79.217	121.5065	1.1477
79.258	121.5065	1.1477
79.426	121.5065	1.145
79.45	121.5065	1.145
79.465	121.5065	1.1463
79.478	121.9803	1.1477
79.52	122.4542	1.149
79.744	122.928	1.1517
79.997	123.1467	1.1558
80.031	123.6205	1.1571
80.278	124.0943	1.1598
80.501	124.559	1.1639
80.726	125.0328	1.1666
80.943	125.5066	1.1693
81.125	125.9804	1.172

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
322.32	238.5445	2.88
322.37	241.4931	2.88162
323.97	242.0238	2.89542
324.15	242.0238	2.89704
324.31	242.0238	2.89704
325.88	245.1494	2.91162
325.97	245.3263	2.9124
326.11	245.3263	2.9157
326.31	245.3263	2.9157
327.6	248.4519	2.92704
327.97	248.4519	2.93028
328.14	248.4519	2.93268
328.38	248.4519	2.93268
328.4	251.1646	2.93352
329.97	252.1082	2.9481
331.14	255.2337	2.95782
331.97	255.5876	2.96508
332.16	255.5876	2.9667
332.31	255.5876	2.9667
333.34	258.7131	2.97726
333.97	259.2439	2.98212
334.14	259.2439	2.98536
334.32	259.2439	2.98452
335.16	262.3694	2.99262
335.97	263.5489	2.99994
336.11	263.5489	3.00156
336.32	263.5489	3.00234
337.57	266.6154	3.01368
337.97	266.7924	3.01776
338.13	266.7924	3.02016
338.34	266.7924	3.01938
338.55	269.741	3.02262
339.97	269.9179	3.03396
340.13	269.9179	3.0372
340.36	269.9179	3.03558
340.38	272.8665	3.03798
341.97	273.1614	3.05256
342.45	276.11	3.0558
343.97	276.6408	3.0696
344.15	276.6408	3.07122
344.32	276.6408	3.07284
344.37	279.5894	3.07284
345.97	281.4766	3.08658
346.11	281.4766	3.08982
346.22	281.4766	3.08982
346.35	281.4766	3.0882
346.37	281.4766	3.0882
346.89	284.6021	3.09552
347.97	284.6021	3.10446
348.12	284.6021	3.10686
348.34	284.6021	3.10608
348.38	286.4892	3.1077

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
228.71	473.2132	3.30174
228.98	475.203	3.30534
229.98	476.0964	3.31875
230.5	476.0964	3.32721
230.71	476.0964	3.32721
230.9	478.1269	3.32964
231.98	479.3857	3.34548
232.49	479.3857	3.35394
232.72	479.3857	3.35394
233	481.4162	3.3588
233.96	483.5278	3.37095
233.98	483.5278	3.37095
234.47	483.5278	3.38067
234.75	483.5278	3.38193
235.07	485.3958	3.38553
235.98	485.3958	3.39894
236.48	485.3958	3.40497
236.72	485.3958	3.40623
237.05	487.3044	3.41226
237.98	487.7917	3.42324
238.5	487.7917	3.4317
238.7	487.7917	3.4317
238.87	489.7816	3.43539
239.98	490.5531	3.44997
240.5	490.5531	3.45843
240.72	490.5531	3.45843
240.9	492.543	3.46086
241.98	492.8678	3.4767
242.48	492.8678	3.48516
242.73	492.8678	3.48399
243.98	494.7764	3.501
244.45	494.7764	3.51072
244.83	494.7764	3.51189
245.98	494.7764	3.52773
246.46	494.7764	3.53376
246.75	494.7764	3.53745
247.98	495.1825	3.55446
248.46	495.1825	3.56175
248.79	495.1825	3.56418
249.98	495.4262	3.58002
250.46	495.4262	3.58848
250.74	495.4262	3.58848
251.98	495.9541	3.60675
252.39	495.9541	3.61161
252.52	495.9541	3.61521
252.72	495.9541	3.61404
252.97	495.9541	3.6189
253.98	495.9541	3.63222
254.48	495.9541	3.64077
254.71	495.9541	3.64194
255.82	497.4566	3.65652
255.98	497.4566	3.65778

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
314.99	69.98629	2.87274
315.35	69.98629	2.87598
315.61	69.98629	2.87514
317.37	69.98629	2.89296
317.56	69.98629	2.89218
318.92	74.09346	2.90592
319.33	74.09346	2.91
319.52	74.09346	2.91078
319.99	74.09346	2.91564
323.36	74.09346	2.94486
323.54	74.09346	2.94486
323.71	77.62564	2.94726
324.99	77.87207	2.9586
325.35	77.87207	2.96184
325.53	77.87207	2.96184
327.39	77.87207	2.97966
327.52	77.87207	2.97888
327.88	81.97924	2.98374
329.3	81.97924	2.99748
329.52	81.97924	2.99748
329.99	82.80068	3.00234
333.15	87.15429	3.02988
334.99	87.15429	3.04608
335.34	87.15429	3.04932
335.49	87.15429	3.04932
338.25	91.17932	3.07446
339.3	91.17932	3.08418
339.51	91.17932	3.08334
339.99	91.17932	3.08904
342.4	95.53293	3.1101
344.99	96.35436	3.13278
349.81	100.6258	3.1749
349.99	100.6258	3.17652
351.28	100.6258	3.18786
351.45	100.6258	3.18708
353.47	103.9116	3.20568
354.99	104.158	3.21948
356.86	108.5116	3.23568
357.25	108.5116	3.24054
357.48	108.5116	3.24054
359.99	110.0723	3.26322
362.25	114.4259	3.28266
364.99	116.3152	3.30696
368.88	120.5867	3.3402
369.24	120.5867	3.34506
369.71	120.8331	3.34746
369.99	120.8331	3.34992
372.89	124.6117	3.37584
373.23	124.6117	3.37908
373.66	124.8582	3.38232
374.99	124.8582	3.39366
376.86	128.9653	3.40986

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
81.194	125.9804	1.1747
81.405	125.9804	1.1747
81.462	126.4543	1.176
81.504	126.9281	1.1774
81.751	127.4019	1.1814
81.885	127.8757	1.1841
82.131	128.3404	1.1868
82.406	128.8142	1.1909
82.561	129.288	1.1936
82.786	129.7619	1.1963
83	130.2357	1.2003
83.233	130.2357	1.203
83.351	130.2357	1.2044
83.402	130.7095	1.203
83.464	131.1833	1.2044
83.565	131.648	1.2084
83.841	132.1218	1.2111
84.024	132.5956	1.2138
84.27	133.0695	1.2166
84.394	133.5433	1.2192
84.62	134.008	1.2233
84.814	134.4818	1.226
84.99	134.9556	1.2287
84.997	134.9556	1.2287
85.407	135.3292	1.2355
85.45	135.803	1.2355
85.594	136.2768	1.2368
85.828	136.7507	1.2395
86.003	137.2245	1.2422
86.218	137.6983	1.2463
86.423	138.163	1.249
86.616	138.6368	1.253
86.882	139.1106	1.2557
87.037	139.5844	1.2584
87.214	139.5844	1.2625
87.247	139.5844	1.2611
87.407	139.5844	1.2598
87.425	139.5844	1.2611
87.446	140.0491	1.2625
87.476	140.523	1.2638
87.581	140.9968	1.2665
87.795	141.4706	1.2692
88	141.9353	1.2733
88.142	142.4182	1.2746
88.15	142.9194	1.276
88.152	143.3932	1.2773
88.167	143.3932	1.2787
88.179	143.3932	1.2787
88.197	143.3932	1.2787
88.208	143.3932	1.28
88.219	143.3932	1.28
88.229	143.3932	1.28

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
349.97	287.02	3.12144
350.14	287.02	3.1239
350.31	287.02	3.12468
351.19	290.1455	3.13278
351.97	290.6763	3.13926
352.1	290.6763	3.14088
352.31	290.8532	3.1425
353.7	293.9788	3.15384
353.97	293.9788	3.15708
354.37	295.9249	3.15954
355.97	296.2197	3.17412
356.11	296.2197	3.17652
356.36	296.2197	3.17574
356.44	299.3453	3.17814
357.97	299.876	3.1911
358.42	303.0016	3.19518
359.97	303.5323	3.20892
360.08	303.5323	3.21054
360.35	303.5323	3.21054
361.7	306.5989	3.2235
361.97	306.5989	3.22596
362.14	306.5989	3.22836
362.21	306.5989	3.2292
362.33	306.5989	3.22674
362.36	306.5989	3.22758
362.39	309.3117	3.22998
363.97	309.3117	3.24378
364.1	309.3117	3.2454
364.33	309.3117	3.24456
364.36	311.7885	3.24702
365.97	311.7885	3.26076
366.38	314.0295	3.264
367.97	314.7371	3.2778
368.1	314.7371	3.28026
368.17	314.7371	3.28026
368.36	314.7371	3.27942
368.38	314.9141	3.28026
368.45	318.0986	3.28182
369.97	318.9832	3.29484
370.1	318.9832	3.29808
370.33	318.9832	3.29808
371.82	322.0498	3.31182
371.97	322.0498	3.31344
372.13	322.0498	3.31506
372.14	322.0498	3.31428
372.35	322.0498	3.31344
372.36	322.0498	3.31428
372.39	323.76	3.3159
373.97	324.8804	3.33048
374.08	324.8804	3.3321
374.29	325.0574	3.3321
375.54	328.1239	3.34506

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
256.48	497.4566	3.6675
256.7	497.4566	3.66624
257.14	499.4464	3.67353
257.91	501.5581	3.68451
257.98	501.5581	3.68451
258.44	501.5581	3.69297
258.77	501.5581	3.6954
259.98	501.6799	3.70998
260.46	501.6799	3.71853
260.74	501.6799	3.7197
261.7	503.751	3.73311
261.98	504.1164	3.73914
262.44	504.1164	3.74643
262.73	504.1164	3.74643
263.49	506.2281	3.75615
263.98	506.2281	3.76344
264.48	506.2281	3.77199
264.71	506.2281	3.77073
264.87	508.0555	3.77442
265.98	508.3803	3.789
266.43	508.3803	3.79629
266.51	508.3803	3.79629
266.7	508.3803	3.79629
267.98	508.3803	3.81447
268.45	508.3803	3.82428
268.73	508.3803	3.82428
269.98	508.3803	3.84003
270.45	508.3803	3.84975
270.71	508.3803	3.84975
270.88	510.0453	3.85101
271.98	510.0453	3.86676
272.45	510.0453	3.87648
272.74	510.0453	3.87774
273.98	510.2077	3.89232
274.43	510.2077	3.90078
274.74	510.2077	3.90204
275.98	510.8981	3.91779
276.42	510.8981	3.92877
276.76	510.8981	3.92751
277.98	511.8321	3.94578
278.44	511.8321	3.95307
278.76	511.8321	3.95424
279.82	513.8625	3.97008
279.98	513.8625	3.97251
280.44	513.8625	3.9798
280.73	513.8625	3.9798
281.49	515.5275	3.99069
281.98	515.5275	3.99681
282.37	515.5275	4.0041
282.49	515.5275	4.00653
282.66	515.5275	4.00527
282.79	515.5275	4.0077

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
379.99	132.1689	3.43656
382.69	136.4404	3.46008
383.24	136.4404	3.46656
383.43	136.4404	3.46656
384.99	138.0833	3.48036
385.27	138.0833	3.4836
385.41	138.0833	3.48198
386.67	142.3547	3.49494
387.2	142.3547	3.50058
387.3	142.3547	3.4998
387.41	142.3547	3.50058
387.44	142.6833	3.4998
389.99	145.5583	3.5241
391.23	145.5583	3.53622
391.42	145.8048	3.5346
393.13	150.1584	3.55164
393.19	150.1584	3.55242
393.46	150.1584	3.55326
394.99	151.4727	3.56784
395.2	151.4727	3.57024
395.27	151.4727	3.57108
395.44	151.4727	3.56946
395.46	151.4727	3.56946
396.86	155.7441	3.58404
399.99	158.1263	3.61074
401.45	162.4799	3.62292
403.19	162.4799	3.63996
403.41	162.7263	3.63912
404.99	163.7121	3.65532
405.22	163.7121	3.65778
405.41	163.7121	3.65694
406.66	168.0657	3.66912
407.2	168.0657	3.67398
407.44	168.0657	3.67476
409.45	172.3371	3.69258
409.99	172.3371	3.69744
411.57	176.6086	3.71124
414.19	180.8801	3.73392
414.99	180.8801	3.74118
416.46	185.1515	3.75336
419.02	189.423	3.77604
419.21	189.423	3.77844
419.32	189.423	3.77766
419.99	190.4908	3.78492
420.03	190.4908	3.789
420.05	190.4908	3.78816
420.06	190.4908	3.78816
420.08	190.4908	3.78816
420.09	190.4908	3.789
420.1	190.4908	3.789
420.12	190.4908	3.789
420.13	190.4908	3.78816

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
88.239	143.3932	1.28
88.249	143.3932	1.28
88.26	143.3932	1.2814
88.27	143.3932	1.2814
88.28	143.3932	1.2814
88.29	143.3932	1.28
88.3	143.3932	1.28
88.31	143.3932	1.2814
88.32	143.3932	1.2814
88.331	143.3932	1.2814
88.34	143.3932	1.28
88.351	143.3932	1.28
88.364	143.3932	1.28
88.403	143.3932	1.2787
88.513	143.3932	1.28
88.542	143.3932	1.2787
88.562	143.3932	1.2787
88.575	143.3932	1.276
88.59	143.3932	1.2773
88.598	143.3932	1.2773
88.606	143.3932	1.2746
88.614	143.3932	1.276
88.622	143.3932	1.2746
88.63	143.3932	1.2773
88.635	143.3932	1.276
88.642	143.3932	1.276
88.647	143.3932	1.2733
88.653	143.3932	1.2746
88.657	143.3932	1.2746
88.664	143.3932	1.2746
88.668	143.3932	1.2746
88.674	143.3932	1.2773
88.679	143.3932	1.2773
88.686	143.3932	1.28
88.696	143.867	1.2814
88.737	144.3408	1.2827
89.116	144.8055	1.2881
89.413	145.2793	1.2922
89.445	145.7532	1.2922
89.69	146.2179	1.2962
89.823	146.6917	1.2989
89.997	146.883	1.3016
90.171	147.3568	1.303
90.354	147.8216	1.307
90.632	148.2954	1.3097
90.735	148.7692	1.3111
90.99	149.2339	1.3151
91.114	149.7077	1.3178
91.159	149.7077	1.3219
91.19	149.7077	1.3192
91.348	149.7077	1.3192
91.371	149.7077	1.3192

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
375.97	328.1239	3.34746
376.09	328.1239	3.34908
376.32	328.1239	3.34908
376.68	330.6008	3.35394
377.97	330.7777	3.36528
378.11	330.7777	3.36612
378.29	330.9546	3.36774
379.7	334.0212	3.37986
379.97	334.0212	3.3831
380.1	334.0212	3.38472
380.28	334.0212	3.38394
380.39	336.4981	3.38634
381.97	337.0288	3.40014
382.09	337.0288	3.40176
382.3	337.2057	3.40254
382.52	340.3313	3.405
383.73	340.3313	3.41472
383.97	340.3313	3.41712
384.1	340.3313	3.41958
384.33	340.3313	3.41958
384.8	342.7492	3.42522
385.2	342.7492	3.42768
385.97	342.7492	3.43578
386.02	342.7492	3.4374
386.09	342.7492	3.43818
386.23	342.7492	3.43656
386.32	342.7492	3.43578
386.36	342.7492	3.43656
386.38	342.7492	3.43578
387.97	344.5773	3.45198
388.1	344.5773	3.45438
388.16	344.5773	3.45522
388.39	344.5773	3.4536
388.4	344.5773	3.45438
388.44	347.7029	3.456
389.58	347.7029	3.46656
389.97	347.7029	3.4698
390.07	347.7029	3.47142
390.33	347.7029	3.47226
391.97	347.7029	3.486
392.13	347.7029	3.48924
392.29	347.7029	3.48924
392.35	348.8233	3.49008
393.97	348.8233	3.50382
394.06	348.8233	3.50628
394.2	348.8233	3.50706
394.29	348.8233	3.50628
394.32	348.8233	3.50628
395.97	350.5925	3.52164
396.08	350.5925	3.5241
396.29	350.7694	3.52488
397.97	350.8874	3.53946

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
283.98	516.0148	4.02354
284.4	516.0148	4.032
284.77	516.0148	4.03326
285.98	517.3549	4.04901
286.42	517.3549	4.05756
286.73	517.3549	4.05999
287	517.3549	4.06242
287.38	517.3549	4.06845
287.98	517.3549	4.07574
288.41	517.3549	4.08429
288.71	517.3549	4.08303
289.29	517.3549	4.09401
289.98	517.3549	4.1013
290.44	517.3549	4.11102
290.69	517.3549	4.10985
290.84	517.3549	4.11228
291.98	517.3549	4.12803
292.44	517.3549	4.13658
292.69	517.3549	4.13658
293.12	518.8574	4.14261
293.98	518.8574	4.15476
294.37	518.8574	4.15962
294.47	518.8574	4.16205
294.7	518.8574	4.16331
295.98	518.8574	4.18032
296.33	518.8574	4.18635
296.44	518.8574	4.19004
296.54	518.8574	4.18878
296.64	518.8574	4.18761
296.73	518.8574	4.18878
297.98	518.8574	4.20705
298.4	518.8574	4.21308
298.72	518.8574	4.21434
299.98	518.8574	4.23252
300.41	518.8574	4.23981
300.72	518.8574	4.23981
301.71	518.8574	4.25565
301.98	518.8574	4.25808
302.43	518.8574	4.26537
302.68	518.8574	4.26537
303	519.0198	4.2714
303.98	519.0198	4.28481
304.35	519.0198	4.29084
304.47	519.0198	4.29327
304.69	519.0198	4.2921
305.04	519.0198	4.29813
305.97	519.2229	4.31028
306.36	519.2229	4.3164
306.49	519.2229	4.31883
306.66	519.2229	4.31757
306.88	519.2635	4.32243
307.7	519.2635	4.33458

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
420.14	190.4908	3.789
420.15	190.4908	3.789
420.16	190.4908	3.78978
420.17	190.4908	3.789
420.19	190.4908	3.789
420.2	190.4908	3.78816
420.38	190.4908	3.78654
420.4	190.4908	3.78654
420.42	190.4908	3.78654
420.43	190.4908	3.78576
420.45	190.4908	3.78654
420.46	190.4908	3.78576
420.47	190.4908	3.78492
420.47	190.4908	3.78576
420.48	190.4908	3.78492
420.49	190.4908	3.78492
420.5	190.4908	3.78576
420.5	190.4908	3.78576
420.51	190.4908	3.78654
420.53	190.7373	3.789
421.91	195.0909	3.80196
423.22	195.0909	3.81408
423.37	195.3373	3.8133
424.51	199.6088	3.8238
424.99	199.8552	3.82872
425.17	199.8552	3.83112
425.36	199.8552	3.83034
426.75	204.1267	3.8433
427.26	204.1267	3.84816
427.36	204.1267	3.84894
428.72	208.3981	3.86112
429.16	208.3981	3.86514
429.36	208.3981	3.86436
429.99	211.3553	3.87162
431.43	215.6268	3.88458
433.44	219.8982	3.9024
434.99	222.8554	3.9162
435.12	222.8554	3.91782
435.32	222.8554	3.91782
436.46	227.1269	3.92832
437.11	227.1269	3.93402
437.2	227.1269	3.9348
437.32	227.1269	3.93318
437.35	227.1269	3.93402
438.63	231.3983	3.94698
439.99	232.9591	3.9591
441.48	237.2305	3.97128
443.51	241.502	3.9891
444.98	243.0627	4.00206
445.14	243.0627	4.00368
445.29	243.0627	4.00446
446.12	247.3342	4.01178

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
91.409	150.1815	1.3219
91.514	150.6553	1.3232
91.696	151.12	1.3273
91.922	151.5939	1.3286
92.097	152.0677	1.3313
92.314	152.5415	1.3354
92.516	153.0153	1.3367
92.673	153.48	1.3394
92.918	153.9538	1.3435
93.062	154.4276	1.3448
93.197	154.4276	1.3489
93.269	154.4276	1.3475
93.371	154.4276	1.3489
93.396	154.4276	1.3475
93.408	154.8923	1.3516
93.461	155.3662	1.3516
93.643	155.84	1.3543
93.817	156.3047	1.3583
94.014	156.7785	1.3583
94.186	157.2523	1.361
94.341	157.7261	1.3637
94.514	158.1908	1.3664
94.638	158.6647	1.3705
94.954	159.1385	1.3732
94.997	159.4483	1.3745
95.176	159.4483	1.3786
95.226	159.4483	1.3772
95.276	159.4483	1.3786
95.405	159.4483	1.3772
95.426	159.4483	1.3772
95.444	159.4483	1.3786
95.454	159.9221	1.3786
95.467	160.3959	1.3799
95.498	160.8697	1.3799
95.61	161.3435	1.3826
95.667	161.3435	1.384
95.786	161.3435	1.3853
95.916	161.8082	1.3867
96.082	162.2821	1.3894
96.296	162.7468	1.3921
96.554	163.2206	1.3948
96.839	163.6853	1.4002
96.962	164.1591	1.4002
97.014	164.6329	1.4029
97.181	164.6329	1.4069
97.343	164.6329	1.4083
97.394	165.0976	1.4069
97.414	165.5714	1.4083
97.658	166.0453	1.4123
97.834	166.5191	1.4137
97.894	166.9838	1.4164
98.151	167.4576	1.4191

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
398.4	354.0129	3.54192
399.97	355.0744	3.5565
400.03	355.0744	3.5589
400.08	355.0744	3.55974
400.12	355.0744	3.56052
400.16	355.0744	3.55974
400.19	355.0744	3.55974
400.23	355.0744	3.56052
400.26	355.0744	3.56052
400.48	355.0744	3.55974
400.51	355.0744	3.5589
400.53	355.0744	3.5589
400.55	355.0744	3.55812
400.57	355.0744	3.55812
400.58	355.0744	3.55812
400.59	355.0744	3.5589
400.6	358.2	3.56052
401.11	358.2	3.56622
401.97	358.2	3.57348
402.14	358.2	3.57672
402.28	358.2	3.57672
403.97	358.2	3.5913
404.07	358.2	3.59292
404.29	358.2	3.59376
405.97	359.0256	3.60912
406.07	359.0256	3.61074
406.31	359.0256	3.61074
407.97	360.323	3.62616
408.16	360.323	3.62694
408.28	360.323	3.62856
409.97	360.5589	3.64398
410.12	360.5589	3.64482
410.27	360.5589	3.6456
411.97	362.7999	3.66102
412.07	362.7999	3.6618
412.31	362.7999	3.66342
413.97	363.5075	3.67884
414.06	363.5075	3.67962
414.31	363.5075	3.68046
415.97	363.5075	3.69582
417.67	366.2203	3.7104
417.97	366.2203	3.71286
418.06	366.2203	3.71448
418.32	366.2203	3.71448
419.97	366.6921	3.73068
420.07	366.6921	3.73146
420.31	366.6921	3.7323
421.97	367.5177	3.74688
422.08	367.5177	3.7509
422.16	367.5177	3.75012
422.31	367.5177	3.7485
422.33	367.6946	3.75012

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
307.97	519.2635	4.33701
308.31	519.2635	4.34313
308.41	519.2635	4.3443
308.71	519.2635	4.34556
308.93	519.2635	4.34916
309.97	519.2635	4.36257
310.41	519.2635	4.37112
310.53	519.2635	4.37112
310.63	519.2635	4.36986
310.73	519.2635	4.37112
311.13	519.2635	4.37841
311.97	519.2635	4.3893
312.37	519.2635	4.39542
312.53	519.2635	4.39785
312.64	519.2635	4.39542
312.74	519.2635	4.39785
313.97	519.2635	4.41486
314.38	519.2635	4.42215
314.49	519.2635	4.42215
314.65	519.2635	4.42215
314.79	519.2635	4.42332
315.97	519.629	4.44159
316.41	519.629	4.45005
316.53	519.629	4.45005
316.63	519.629	4.44888
316.74	519.629	4.45005
317.97	520.8472	4.46706
318.41	520.8472	4.47561
318.74	520.8472	4.47561
319.97	521.2127	4.49505
320.38	521.2127	4.50234
320.49	521.2127	4.50108
320.65	521.2127	4.50108
320.75	521.2127	4.50234
321.97	521.4563	4.51935
322.39	521.4563	4.52781
322.51	521.4563	4.52781
322.63	521.4563	4.52664
322.74	521.5376	4.52907
323.97	521.7	4.54608
324.43	521.7	4.55454
324.72	521.7	4.55454
325.81	519.5477	4.56912
325.95	517.4767	4.57155
325.97	517.3549	4.57038
326.2	515.2838	4.57524
326.33	513.2128	4.57884
326.42	511.1823	4.58127
326.52	509.1519	4.5801
326.62	511.1823	4.57884
326.72	513.2128	4.5801
327.97	514.5935	4.59828

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
448.09	251.6056	4.02882
449.5	255.8771	4.04178
449.98	255.8771	4.04502
450.65	258.5057	4.0515
451.14	258.5057	4.05552
451.23	258.5057	4.05636
452.91	262.695	4.07094
453.1	262.695	4.07418
453.16	262.695	4.07418
453.35	262.695	4.07334
453.37	262.695	4.07256
454.6	266.9665	4.08552
454.98	266.9665	4.08954
455.13	266.9665	4.08954
455.25	266.9665	4.09116
456.4	271.2379	4.10172
457.12	271.2379	4.1082
457.26	271.2379	4.1082
458.52	275.4273	4.12032
459.09	275.4273	4.12602
459.3	275.4273	4.12602
459.98	277.8094	4.1325
462.17	281.9987	4.15194
463.85	286.2702	4.16568
464.98	287.5845	4.17624
466.54	291.856	4.1892
468.02	296.0453	4.20216
469.61	300.3167	4.21674
469.98	300.3167	4.21836
470.95	302.9453	4.22808
471.09	302.9453	4.23054
471.33	302.9453	4.23054
473.31	307.1347	4.24836
474.62	311.4061	4.2597
474.98	311.4061	4.26294
476.44	315.349	4.27506
477.13	315.349	4.28154
477.22	315.349	4.28154
478.28	319.5383	4.2921
479.08	319.5383	4.3002
479.31	319.5383	4.3002
479.98	321.8383	4.30584
481.16	321.8383	4.31718
481.3	321.8383	4.3164
481.35	326.1098	4.31802
483.01	330.2991	4.3326
483.07	330.2991	4.33422
483.31	330.2991	4.335
484.55	334.5706	4.34556
484.98	335.5563	4.35042
485.08	335.5563	4.3512
485.24	335.5563	4.35204

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
98.305	167.9223	1.4231
98.5	168.3961	1.4245
98.57	168.8699	1.4258
98.816	169.3437	1.4299
99.02	169.8176	1.4312
99.115	170.2823	1.4339
99.167	170.2823	1.4353
99.223	170.2823	1.4353
99.368	170.2823	1.4353
99.386	170.2823	1.4366
99.41	170.747	1.438
99.595	171.2208	1.4393
99.758	171.6946	1.4434
99.892	172.1684	1.4447
99.997	172.1958	1.4447
100.05	172.6696	1.4461
100.27	173.1434	1.4488
100.46	173.6081	1.4528
100.59	174.0819	1.4542
100.85	174.5466	1.4582
100.94	175.0204	1.4596
101.28	175.4851	1.465
101.41	175.9589	1.4677
101.46	176.4328	1.4663
101.62	176.9066	1.4704
101.79	177.3713	1.4717
101.94	177.8451	1.4744
102.05	178.3189	1.4758
102.36	178.7836	1.4812
102.54	179.2574	1.4825
102.69	179.7313	1.4839
102.8	180.196	1.4879
103.02	180.6698	1.4893
103.1	181.1436	1.4906
103.16	181.1436	1.4947
103.19	181.1436	1.4947
103.23	181.1436	1.4947
103.39	181.1436	1.4933
103.42	181.1436	1.4933
103.43	181.1436	1.4947
103.44	181.6083	1.496
103.5	182.0821	1.4947
103.59	182.5559	1.4974
103.69	183.0206	1.5001
103.95	183.4944	1.5028
104.08	183.9683	1.5041
104.26	184.433	1.5068
104.4	184.9068	1.5095
104.56	185.3715	1.5122
104.83	185.8453	1.5163
104.97	186.31	1.5176
105	186.3738	1.519

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
423.96	368.1664	3.76548
424.09	368.1664	3.7671
424.29	368.1664	3.7671
425.96	368.6382	3.78252
426.07	368.6382	3.78414
426.27	368.6382	3.78414
427.96	369.6997	3.80034
428.05	369.6997	3.80034
428.27	369.6997	3.80358
429.96	369.6997	3.81732
430.1	369.6997	3.81894
430.27	369.6997	3.82056
431.96	369.8766	3.83436
432.07	369.8766	3.83682
432.18	369.8766	3.83598
432.31	369.8766	3.8352
432.33	369.8766	3.83598
432.37	373.0021	3.8376
432.89	373.0021	3.84246
433.96	373.0021	3.8514
434.08	373.0021	3.85302
434.25	373.0021	3.85302
434.36	374.7713	3.85626
434.41	374.7713	3.85704
435.96	374.7713	3.87
436.03	374.7713	3.87084
436.28	374.7713	3.87162
437.96	374.7713	3.88704
438.03	374.7713	3.88944
438.11	374.7713	3.88866
438.3	374.7713	3.88782
438.32	374.7713	3.88944
438.8	376.7174	3.89352
438.88	376.7174	3.89592
439.96	376.7174	3.90402
440.07	376.7174	3.90564
440.28	376.7174	3.90564
441.96	376.7174	3.92184
442.09	376.7174	3.92346
442.26	376.7174	3.9243
443.96	376.7174	3.93804
444.1	376.7174	3.9405
444.28	376.7174	3.94128
445.96	376.7174	3.9567
446.04	376.7174	3.95832
446.17	376.7174	3.95832
446.28	376.7174	3.95748
446.3	376.7174	3.95832
447.96	376.7174	3.97368
448.07	376.7174	3.97614
448.27	376.7174	3.9753
449.96	376.7174	3.9915

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
328.32	512.5224	4.6044
328.42	510.492	4.60683

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
486.67	339.8278	4.36416
487.08	339.8278	4.36824
487.26	339.8278	4.36908
488.19	344.0171	4.37796
489.93	348.2064	4.39338
489.98	348.2064	4.39338
491.39	351.0814	4.4055
493.31	355.2708	4.42254
494.98	356.5029	4.4379
495.11	356.5029	4.43874
495.23	356.5029	4.4379
495.98	360.7744	4.44522
498.22	364.9637	4.46466
499.13	364.9637	4.47276
499.26	364.9637	4.47354
499.98	367.5102	4.48086
501.31	371.6995	4.4922
503.36	375.8888	4.51002
504.98	376.6281	4.52376
505.09	376.6281	4.52622
505.29	376.6281	4.52538
506.33	380.8174	4.53594
508.43	384.9246	4.55376
509.09	384.9246	4.56024
509.19	384.9246	4.56024
509.98	386.9782	4.56756
511.36	391.1675	4.57968
513.29	395.3568	4.59588
514.81	399.5461	4.60968
514.98	399.5461	4.6113
516.47	402.0926	4.62426
518.75	406.2819	4.6437
519.06	406.2819	4.64772
519.3	406.2819	4.64856
519.98	407.5141	4.6542
521.1	407.5141	4.66476
521.29	407.5141	4.66476
522.48	411.6212	4.67526
523.08	411.6212	4.68174
523.29	411.6212	4.68258
524.87	415.7284	4.69716
524.98	415.7284	4.69794
527.29	418.5213	4.71822
529.98	420.7392	4.7409
533.3	425.0928	4.77006
534.98	425.1749	4.78464
535.09	425.1749	4.7871
535.22	425.1749	4.78626
535.97	429.4464	4.79358
537.04	429.4464	4.80492
537.08	429.4464	4.80408
537.14	429.4464	4.8057

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
105.1	186.8476	1.5203
105.16	186.8476	1.5231
105.21	186.8476	1.5231
105.38	186.8476	1.5217
105.4	186.8476	1.5244
105.45	187.3123	1.5244
105.49	187.7861	1.5244
105.69	188.2508	1.5285
105.78	188.7246	1.5311
105.91	189.1985	1.5325
106.12	189.6632	1.5352
106.37	190.137	1.5379
106.44	190.6108	1.5393
106.72	191.0755	1.5433
106.92	191.5402	1.5474
107.06	192.014	1.5487
107.22	192.014	1.5528
107.31	192.014	1.5514
107.35	192.4787	1.5514
107.4	192.9525	1.5541
107.45	193.4264	1.5541
107.57	193.9002	1.5555
107.79	194.3649	1.5582
107.97	194.8387	1.5609
108.14	195.3034	1.5636
108.24	195.7772	1.5649
108.54	196.2419	1.5703
108.61	196.7157	1.5703
108.77	197.1896	1.573
108.91	197.6543	1.5757
109.05	198.1281	1.5771
109.14	198.1281	1.5811
109.16	198.1281	1.5798
109.2	198.1281	1.5811
109.31	198.1281	1.5798
109.34	198.1281	1.5798
109.37	198.1281	1.5811
109.4	198.5837	1.5838
109.47	199.0666	1.5825
109.58	199.5313	1.5852
109.75	200.0051	1.5879
109.9	200.4698	1.5892
110	200.5336	1.5906
110.12	200.9983	1.5946
110.32	201.4721	1.5946
110.44	201.9459	1.5973
110.59	202.4198	1.5987
110.77	202.8845	1.6027
110.93	203.3492	1.6054
111.09	203.823	1.6068
111.2	203.823	1.6108
111.32	203.823	1.6108

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
450.03	376.7174	3.99312
450.08	376.7174	3.99396
450.13	376.7174	3.99396
450.2	376.7174	3.99396
450.34	376.7174	3.99312
450.37	376.7174	3.9915
450.39	376.7174	3.99312
450.4	376.7174	3.99312
450.43	377.3661	3.99474
451	377.3661	4.00044
451.96	377.3661	4.00938
452.04	377.3661	4.01016
452.11	377.3661	4.01094
452.28	377.3661	4.00854
452.3	377.3661	4.00938
453.96	377.3661	4.02558
454.04	377.3661	4.02798
454.29	377.3661	4.02798
455.39	377.3661	4.0377
455.96	377.3661	4.0434
456.04	377.3661	4.04502
456.27	377.3661	4.0458
457.96	377.3661	4.06038
458.06	377.3661	4.06284
458.29	377.3661	4.06284
459.96	377.3661	4.07742
460.18	377.3661	4.07904
460.25	377.3661	4.07982
460.3	378.1328	4.08144
461.35	378.1328	4.09038
461.96	378.1328	4.09524
462.04	378.1328	4.09686
462.12	378.1328	4.09764
462.3	378.1328	4.09602
462.32	378.1328	4.09686
463.52	378.1328	4.10898
463.63	378.1328	4.10982
463.96	378.1328	4.11306
464.04	378.1328	4.11546
464.09	378.1328	4.11546
464.14	378.1328	4.11546
464.32	378.1328	4.11384
464.35	378.1328	4.11384
464.37	378.1328	4.1163
465.96	378.1328	4.13088
466.07	378.1328	4.1325
466.25	378.1328	4.13328
467.96	378.1328	4.14948
468	378.1328	4.14948
468.04	378.1328	4.15032
468.08	378.1328	4.15032
468.13	378.1328	4.15032

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
537.33	429.4464	4.8033
537.34	429.4464	4.8033
537.36	429.4464	4.80492
539.08	429.4464	4.82112
539.24	429.4464	4.82112
539.42	433.7178	4.82352
539.98	433.7178	4.8276
541.4	433.7178	4.84056
541.68	433.7178	4.84296
543.04	433.7178	4.85514
543.1	433.7178	4.85592
543.28	433.7178	4.85514
543.33	433.7178	4.85676
544.98	433.7178	4.87212
545.06	433.7178	4.87374
545.28	433.7178	4.87536
549.39	433.7178	4.91022
549.98	433.7178	4.91592
553.52	433.7178	4.94586
554.98	433.7178	4.95882
557.13	433.7178	4.97748
557.21	433.7178	4.97748
559.33	436.1	4.99692
559.98	436.1	5.00256
561.06	429.5285	5.01228
561.28	433.8	5.01312
563.06	429.6928	5.0301
563.13	425.4213	5.0301
563.29	429.6928	5.02932
563.33	433.9643	5.03094
564.98	435.4429	5.04552
565.1	431.1714	5.0463
565.34	435.3607	5.04876
566.75	431.0071	5.06088
567.07	426.7356	5.06496
567.31	431.0071	5.06496
569.98	432.65	5.08926
573.05	428.4607	5.11518
573.33	432.7321	5.11764
574.98	431.2535	5.133
575.05	427.0642	5.133
575.23	431.2535	5.13546
577.06	426.8999	5.15082
577.28	431.0892	5.15328
579.01	426.7356	5.16864
579.27	431.0071	5.17026
579.98	430.4321	5.17674
580.44	426.1606	5.17998
581.44	430.2678	5.18892
581.75	426.0785	5.19132
583.07	421.7249	5.2035
583.26	425.9142	5.20428

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.36	204.2877	1.6108
111.45	204.7615	1.6122
111.57	205.2353	1.6135
111.66	205.7	1.6149
111.85	206.1647	1.6189
112.01	206.6385	1.6203
112.13	207.1124	1.623
112.35	207.5771	1.6257
112.59	208.0509	1.627
112.63	208.5156	1.6297
112.8	208.9894	1.6324
112.98	209.4541	1.6338
113.09	209.9279	1.6365
113.16	209.9279	1.6378
113.28	209.9279	1.6378
113.38	210.3926	1.6392
113.4	210.8664	1.6405
113.54	211.3403	1.6419
113.67	211.805	1.6446
113.88	212.2697	1.6473
114.01	212.7435	1.65
114.33	213.2082	1.654
114.39	213.682	1.654
114.68	214.1467	1.6581
114.79	214.6114	1.6608
114.86	215.0852	1.6621
115	215.3039	1.6635
115.05	215.7777	1.6648
115.18	215.7777	1.6675
115.31	215.7777	1.6662
115.44	216.2333	1.6702
115.47	216.7071	1.6702
115.61	217.181	1.6716
115.79	217.6548	1.6743
115.88	218.1195	1.6756
116.08	218.5842	1.6797
116.2	219.058	1.681
116.37	219.5227	1.6837
116.59	219.9965	1.6851
116.7	220.4612	1.6878
116.85	220.935	1.6905
117.02	221.3997	1.6932
117.17	221.3997	1.6959
117.22	221.3997	1.6959
117.34	221.3997	1.6959
117.36	221.3997	1.6972
117.38	221.8553	1.6999
117.43	222.3383	1.6972
117.51	222.803	1.6999
117.59	223.2768	1.6999
117.79	223.7415	1.704
118.07	224.2153	1.7067

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
468.19	378.1328	4.1511
468.33	378.1328	4.14948
468.37	378.1328	4.14948
468.39	378.1328	4.14786
468.41	378.1328	4.1487
468.42	378.1328	4.1511
469.96	378.1328	4.16568
470.03	378.1328	4.16652
470.28	378.1328	4.1673
471.96	378.1328	4.1835
472.01	378.1328	4.18434
472.07	378.1328	4.18434
472.18	378.1328	4.18512
472.28	378.1328	4.1835
472.31	378.1328	4.1835
472.32	378.1328	4.18434
473.96	378.1328	4.20138
474.04	378.1328	4.20054
474.24	378.1328	4.20138
475.96	378.1328	4.2192
476.01	378.1328	4.21758
476.26	378.1328	4.21998
477.96	378.1328	4.23618
478.01	378.1328	4.23702
478.06	378.1328	4.23618
478.27	378.1328	4.2354
478.29	378.1328	4.23702
479.96	378.1328	4.25238
480.03	378.1328	4.25238
480.34	378.1328	4.25484
481.94	378.1328	4.26858
481.96	378.1328	4.26942
482.07	378.1328	4.2702
482.22	378.1328	4.27104
482.28	378.1328	4.27182
483.96	378.1328	4.28724
484.03	378.1328	4.28802
484.24	378.1328	4.28964
485.96	378.1328	4.30584
486	378.1328	4.30584
486.06	378.1328	4.30584
486.11	378.1328	4.30746
486.19	378.1328	4.30746
486.28	378.1328	4.30506
486.31	378.1328	4.30506
486.33	378.1328	4.30506
486.35	378.1328	4.30668
486.38	378.7225	4.30746
486.67	378.7225	4.31154
487.96	378.7225	4.32288
488.01	378.7225	4.32366
488.1	378.7225	4.32366

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
584.98	423.4499	5.22048
585.41	427.6392	5.22372
585.77	423.3678	5.22696
587.04	419.0963	5.23914
587.15	414.8248	5.2383
587.25	419.0963	5.23752
587.3	423.2856	5.2383
589	418.932	5.25612
589.08	414.7427	5.25612
589.26	418.932	5.25696
589.98	420.1642	5.26344
591.03	415.8927	5.27316
591.26	420.082	5.27394
592.59	418.6856	5.28534

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
118.21	224.68	1.7094
118.39	225.1538	1.7107
118.44	225.6185	1.7134
118.56	226.0923	1.7148
118.76	226.5571	1.7175
118.99	227.0218	1.7215
119.3	227.4865	1.7242
119.4	227.9512	1.7283
119.46	228.425	1.7283
119.55	228.8988	1.7296
119.77	229.3635	1.7323
119.95	229.8373	1.7337
120	230.0833	1.7364
120.09	230.5572	1.7364
120.31	231.0219	1.7404
120.55	231.4866	1.7431
120.68	231.9513	1.7458
120.74	232.4251	1.7472
120.93	232.8898	1.7499
121.11	233.3636	1.7526
121.15	233.3636	1.7539
121.18	233.3636	1.7553
121.21	233.3636	1.7539
121.26	233.3636	1.7553
121.35	233.3636	1.7526
121.37	233.3636	1.7539
121.39	233.3636	1.7539
121.4	233.3636	1.7553
121.41	233.8283	1.7553
121.44	234.3021	1.7566
121.54	234.7668	1.758
121.75	235.2315	1.7607
121.89	235.7053	1.7634
122.05	236.1701	1.7647
122.24	236.6439	1.7674
122.31	237.1086	1.7701
122.54	237.5733	1.7728
122.66	238.0471	1.7742
122.85	238.5118	1.7782
123.03	238.9765	1.7809
123.33	239.4412	1.7836
123.39	239.915	1.7836
123.46	240.3797	1.7863
123.63	240.8444	1.789
123.91	241.3182	1.7917
123.96	241.783	1.7944
124.17	242.2568	1.7958
124.32	242.7215	1.7985
124.51	243.1862	1.7998
124.57	243.66	1.8025
124.76	244.1247	1.8052
124.93	244.5894	1.8079

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
488.24	378.7225	4.32366
488.26	378.7225	4.3245
488.44	378.7815	4.32612
488.83	375.7149	4.32852
489.96	375.8328	4.3407
490.02	372.7073	4.3407
490.26	375.8328	4.34148
491.96	375.8918	4.3569
492.04	372.8252	4.35852
492.26	375.8918	4.35768
493.96	376.5405	4.37556
494	373.4739	4.37556
494.08	370.3484	4.37634
494.29	373.4739	4.37472
494.31	376.5405	4.37556

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
125	244.6532	1.8079
125.09	245.127	1.8093
125.16	245.127	1.812
125.39	245.127	1.8133
125.44	245.5826	1.8133
125.46	246.0564	1.8147
125.67	246.5211	1.8174
125.71	246.9949	1.8187
125.96	247.4596	1.8228
126.04	247.9243	1.8242
126.23	248.389	1.8268
126.29	248.8629	1.8282
126.63	249.3276	1.8309
126.68	249.8014	1.8322
126.87	250.2661	1.835
127.08	250.7308	1.839
127.17	250.7308	1.8404
127.2	250.7308	1.8404
127.35	250.7308	1.8417
127.37	250.7308	1.8417
127.39	251.1864	1.8431
127.43	251.6602	1.8431
127.51	252.134	1.8444
127.63	252.5987	1.8458
127.83	253.0725	1.8485
127.97	253.5372	1.8512
128.17	254.0019	1.8552
128.33	254.4666	1.8566
128.54	254.9314	1.8593
128.67	255.3961	1.862
128.84	255.8699	1.8633
128.94	256.3437	1.8647
129.32	256.8266	1.8714
129.42	257.3004	1.8714
129.45	257.7651	1.8728
129.56	258.239	1.8741
129.74	258.7037	1.8768
129.93	259.1684	1.8795
130	259.3233	1.8809
130.16	259.788	1.8836
130.29	260.2618	1.8849
130.51	260.7265	1.8876
130.56	261.1912	1.889
130.85	261.6559	1.893
131.05	262.1206	1.8957
131.19	262.1206	1.8984
131.31	262.1206	1.8984
131.34	262.5853	1.8998
131.38	263.05	1.9011
131.44	263.5329	1.8998
131.53	263.9976	1.9025
131.81	264.4623	1.9065

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.94	264.9271	1.9079
131.97	265.4009	1.9092
132.13	265.8565	1.9133
132.36	266.3303	1.9146
132.47	266.795	1.9173
132.64	267.2597	1.92
132.78	267.7244	1.9214
132.96	268.1982	1.9241
133.22	268.1982	1.9268
133.33	268.1982	1.9268
133.36	268.6447	1.9322
133.41	269.1276	1.9295
133.44	269.5923	1.9308
133.55	270.0661	1.9322
133.69	270.5217	1.9362
133.95	270.9955	1.9376
134.07	271.4603	1.9403
134.18	271.925	1.9416
134.37	272.3897	1.9443
134.61	272.8544	1.947
134.78	273.3191	1.9497
134.91	273.7929	1.9524
134.99	274.2576	1.9538
135	274.2576	1.9551
135.15	274.2576	1.9578
135.35	274.2576	1.9592
135.39	274.7132	1.9592
135.45	275.187	1.9605
135.53	275.6517	1.9605
135.68	276.1255	1.9632
135.85	276.5902	1.9659
136.09	277.0549	1.9686
136.24	277.5196	1.9713
136.37	277.9843	1.9727
136.55	278.449	1.9754
136.66	278.9137	1.9781
136.67	279.3876	1.9781
136.67	279.8887	1.9794
136.67	280.4172	1.9808
136.67	280.891	1.9808
136.7	280.891	1.9821
136.71	280.891	1.9821
136.72	280.891	1.9835
136.73	280.891	1.9821
136.74	280.891	1.9821
136.75	280.891	1.9821
136.75	280.891	1.9835
136.76	280.891	1.9835
136.77	280.891	1.9835
136.78	280.891	1.9835
136.79	280.891	1.9835
136.79	280.891	1.9848

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
136.8	280.891	1.9848
136.81	280.891	1.9835
136.82	280.891	1.9862
136.82	280.891	1.9848
136.83	280.891	1.9848
136.83	280.891	1.9862
136.84	280.891	1.9848
136.85	280.891	1.9848
136.85	280.891	1.9848
136.86	280.891	1.9835
136.87	280.891	1.9835
136.88	280.891	1.9835
136.89	280.891	1.9821
137.05	280.891	1.9821
137.07	280.891	1.9821
137.09	280.891	1.9835
137.11	280.891	1.9835
137.13	280.891	1.9821
137.14	280.891	1.9821
137.15	280.891	1.9821
137.16	280.891	1.9821
137.17	280.891	1.9808
137.18	280.891	1.9808
137.19	280.891	1.9821
137.19	280.891	1.9794
137.2	280.891	1.9808
137.21	280.891	1.9808
137.21	280.891	1.9808
137.22	280.891	1.9808
137.22	280.891	1.9794
137.23	280.891	1.9808
137.23	280.891	1.9808
137.24	280.891	1.9808
137.25	280.891	1.9821
137.25	280.891	1.9821
137.26	280.891	1.9835
137.27	280.891	1.9862
137.28	280.9092	1.9848
137.37	281.3831	1.9848
137.44	281.8478	1.9889
137.48	282.3125	1.9902
137.76	282.7772	1.9929
137.98	283.2419	1.997
138.16	283.7066	1.9983
138.34	284.1713	2.0024
138.49	284.636	2.0051
138.69	285.1007	2.0064
138.92	285.5654	2.0091
139	286.0301	2.0118
139.14	286.0301	2.0145
139.28	286.0301	2.0159
139.37	286.4857	2.0172

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.45	286.9595	2.0172
139.6	287.4242	2.0199
139.75	287.8889	2.0226
139.94	288.3536	2.0253
140	288.3536	2.0253
140.08	288.7272	2.0267
140.28	289.1919	2.0294
140.4	289.6566	2.0321
140.62	290.1213	2.0348
140.83	290.586	2.0375
140.97	291.0507	2.0402
141.19	291.0507	2.0429
141.29	291.0507	2.0429
141.32	291.5063	2.0456
141.41	291.9801	2.0456
141.47	292.4448	2.0456
141.61	292.9095	2.0483
141.82	293.3743	2.0523
141.98	293.839	2.0537
142.07	294.3037	2.0564
142.3	294.7775	2.0577
142.43	295.2422	2.0604
142.64	295.6978	2.0631
142.83	296.1625	2.0672
143	296.6272	2.0685
143.16	296.6272	2.0726
143.23	296.6272	2.0726
143.28	296.6272	2.0726
143.3	296.6272	2.0726
143.36	297.0919	2.0726
143.38	297.5566	2.0739
143.49	298.0213	2.0753
143.68	298.486	2.078
143.89	298.9507	2.082
144	299.4154	2.0834
144.16	299.8801	2.0861
144.34	300.3448	2.0888
144.57	300.8004	2.0928
144.71	301.2742	2.0928
144.83	301.7389	2.0955
145	301.9212	2.0982
145.17	301.9212	2.1036
145.31	301.9212	2.1009
145.33	302.3768	2.1023
145.4	302.8506	2.1036
145.42	303.3153	2.1036
145.59	303.78	2.1063
145.73	304.2447	2.109
145.97	304.7094	2.1117
146.12	305.1741	2.1144
146.37	305.6297	2.1185
146.44	306.1035	2.1198

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.64	306.5682	2.1226
146.8	307.0238	2.1252
146.99	307.4976	2.1266
147.18	307.4976	2.1293
147.36	307.4976	2.1334
147.4	307.9532	2.132
147.44	308.4179	2.1334
147.52	308.8917	2.1334
147.7	309.3473	2.1374
147.81	309.812	2.1401
148	310.2767	2.1428
148.23	310.7414	2.1455
148.35	311.2061	2.1469
148.58	311.6708	2.1496
148.67	312.1356	2.1523
148.97	312.5911	2.155
149.09	313.0558	2.1577
149.14	313.0558	2.1604
149.34	313.0558	2.1617
149.42	313.5206	2.1617
149.44	313.9853	2.1617
149.57	314.45	2.1644
149.81	314.9056	2.1685
149.89	315.3794	2.1698
150	315.434	2.1712
150.15	315.8987	2.1725
150.32	316.3635	2.1752
150.53	316.8282	2.1779
150.69	317.2929	2.1806
150.88	317.7576	2.1833
151.02	318.2132	2.186
151.15	318.2132	2.1887
151.27	318.2132	2.1901
151.37	318.6687	2.1914
151.43	319.1426	2.1914
151.49	319.6073	2.1928
151.79	320.072	2.1968
151.94	320.5276	2.1995
152.06	321.0014	2.1995
152.23	321.4661	2.2022
152.48	321.9217	2.2063
152.65	322.3864	2.209
152.85	322.8511	2.2117
152.91	323.3158	2.213
153.18	323.3158	2.2184
153.31	323.3249	2.2184
153.36	323.7987	2.2184
153.43	324.2725	2.2184
153.47	324.7372	2.2211
153.73	325.1928	2.2252
153.9	325.6575	2.2265
154.07	326.1222	2.2292

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
154.19	326.5869	2.2319
154.43	327.0425	2.236
154.57	327.5164	2.236
154.86	327.9719	2.24
154.97	328.4275	2.2441
155	328.464	2.2427
155.2	328.464	2.2468
155.27	328.464	2.2454
155.35	328.9196	2.2481
155.44	329.3843	2.2495
155.55	329.849	2.2508
155.67	330.3137	2.2535
155.87	330.7784	2.2562
156.06	331.234	2.2589
156.29	331.6987	2.2616
156.49	332.1634	2.2643
156.67	332.619	2.267
156.82	333.0837	2.2697
157.29	333.5666	2.2765
157.37	334.0313	2.2778
157.43	334.496	2.2792
157.61	334.9607	2.2805
157.87	335.4254	2.2846
157.99	335.8901	2.2859
158.2	336.3457	2.29
158.42	336.8013	2.2927
158.64	337.266	2.2954
158.82	337.7307	2.2981
158.96	338.1954	2.3008
159.14	338.1954	2.3048
159.29	338.1954	2.3048
159.36	338.6419	2.3062
159.43	339.1157	2.3062
159.51	339.5713	2.3089
159.73	340.036	2.3116
159.99	340.3094	2.3156
160.09	340.7741	2.317
160.26	341.2297	2.3197
160.47	341.7035	2.321
160.61	342.1591	2.3237
160.76	342.6238	2.3264
160.85	343.0885	2.3278
161.15	343.0885	2.3332
161.29	343.0976	2.3332
161.36	343.5714	2.3332
161.39	344.0361	2.3345
161.42	344.5008	2.3372
161.72	344.9655	2.3399
161.91	345.4211	2.344
162.11	345.8858	2.3453
162.37	346.3414	2.3494
162.61	346.797	2.3534

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
162.73	347.2617	2.3561
162.92	347.7264	2.3575
163.13	347.7264	2.3629
163.19	347.7264	2.3615
163.28	347.7264	2.3615
163.31	347.7264	2.3642
163.37	348.2003	2.3642
163.43	348.665	2.3656
163.65	349.1297	2.3683
163.79	349.5853	2.371
164.05	350.05	2.3737
164.25	350.5056	2.3777
164.39	350.9703	2.3791
164.61	351.4259	2.3831
164.79	351.8906	2.3858
164.99	351.9817	2.3872
165.36	352.4373	2.3912
165.38	352.8929	2.3939
165.54	353.3576	2.3953
165.6	353.8223	2.398
165.89	354.287	2.3993
166.07	354.7426	2.4034
166.27	355.2073	2.4061
166.54	355.6629	2.4101
166.76	356.1185	2.4142
166.95	356.574	2.4169
167.14	356.574	2.4209
167.23	356.574	2.4196
167.28	356.574	2.4196
167.33	356.574	2.4223
167.36	357.0296	2.4209
167.41	357.4943	2.4223
167.47	357.959	2.4236
167.84	358.442	2.429
168.06	358.9067	2.4317
168.27	359.3896	2.4358
168.38	359.8543	2.4371
168.47	359.8543	2.4385
168.52	359.8543	2.4385
168.61	360.319	2.4399
168.9	360.8019	2.4439
169.19	360.8019	2.4493
169.3	360.8111	2.4507
169.35	361.2849	2.4493
169.37	361.7496	2.452
169.49	362.2143	2.4534
169.82	362.6972	2.4574
169.96	363.1619	2.4588
169.99	363.2804	2.4601
170.13	363.7451	2.4628
170.55	364.228	2.4669
170.71	364.6927	2.4696

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
170.88	365.1483	2.4723
171.15	365.1483	2.479
171.29	365.1574	2.479
171.36	365.6221	2.479
171.4	366.0959	2.4804
171.44	366.5606	2.4817
171.65	367.0162	2.4844
171.83	367.4809	2.4871
172.07	367.9365	2.4898
172.35	368.4195	2.4939
172.55	368.8842	2.4966
172.77	369.3671	2.502
172.86	369.3671	2.502
172.92	369.3671	2.502
172.97	369.8318	2.5033
173.12	369.8318	2.5074
173.33	369.8318	2.5087
173.38	370.2692	2.5101
173.45	370.743	2.5101
173.61	371.1986	2.5128
173.83	371.6906	2.5168
173.99	372.1553	2.5182
174.06	372.1553	2.5195
174.13	372.1553	2.5209
174.38	372.6018	2.5236
174.54	373.0665	2.5263
174.77	373.5221	2.529
174.97	374.005	2.533
174.99	374.0779	2.5317
175.13	374.0779	2.5371
175.19	374.0779	2.5357
175.28	374.0779	2.5357
175.3	374.087	2.5371
175.36	374.5426	2.5398
175.41	375.0164	2.5398
175.68	375.472	2.5425
175.87	375.9367	2.5452
175.99	376.3923	2.5479
176.17	376.857	2.5506
176.53	377.34	2.5546
176.68	377.7955	2.5573
176.83	378.2603	2.56
177.05	378.7158	2.5627
177.12	378.7158	2.5641
177.19	378.7158	2.5641
177.29	378.7158	2.5668
177.34	378.7158	2.5668
177.39	379.1714	2.5668
177.46	379.627	2.5695
177.75	380.11	2.5735
178	380.5747	2.5749
178.09	381.0394	2.5776

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
178.32	381.5223	2.5816
178.49	381.9779	2.5843
178.87	382.4699	2.5884
179.08	382.9437	2.5938
179.13	382.9437	2.5951
179.17	382.9437	2.5938
179.22	382.9437	2.5951
179.31	382.9437	2.5938
179.33	382.9437	2.5951
179.34	382.9437	2.5938
179.36	383.4358	2.5978
179.46	383.9005	2.5978
179.61	384.3652	2.5992
179.87	384.8481	2.6032
179.99	384.9119	2.6046
180.19	385.3948	2.6086
180.28	385.8595	2.6086
180.46	386.3242	2.6113
180.81	386.7981	2.6167
180.86	387.2628	2.6194
181.14	387.2628	2.6235
181.35	387.2628	2.6235
181.37	387.7092	2.6248
181.45	388.1648	2.6275
181.51	388.6386	2.6275
181.75	389.0942	2.6302
181.94	389.5772	2.6343
182.25	390.0601	2.6383
182.46	390.5248	2.641
182.7	390.9804	2.6437
182.89	391.436	2.6464
183.13	391.436	2.6518
183.25	391.436	2.6518
183.31	391.436	2.6518
183.32	391.4451	2.6532
183.36	391.9098	2.6545
183.4	392.3745	2.6545
183.43	392.8392	2.6559
183.91	393.313	2.6626
184.09	393.7777	2.664
184.24	394.2333	2.6667
184.54	394.7163	2.6707
184.62	395.181	2.6721
184.74	395.6365	2.6748
184.96	396.1013	2.6775
184.99	396.1833	2.6788
185.07	396.1833	2.6775
185.12	396.1833	2.6802
185.22	396.1833	2.6815
185.33	396.1833	2.6829
185.42	396.6389	2.6842
185.53	397.1036	2.6842

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
185.74	397.5865	2.6883
185.97	398.0694	2.6923
186.35	398.5523	2.6977
186.62	399.0079	2.7004
186.66	399.4726	2.7018
186.99	399.9556	2.7058
187.1	399.9556	2.7112
187.16	399.9556	2.7099
187.24	399.9556	2.7099
187.34	399.9647	2.7112
187.38	400.4294	2.7112
187.45	400.8941	2.7126
187.77	401.377	2.718
188.01	401.8326	2.7207
188.17	402.2882	2.7234
188.42	402.7711	2.7274
188.78	403.2541	2.7315
188.94	403.737	2.7355
189.09	403.737	2.7396
189.12	403.737	2.7396
189.15	403.737	2.7396
189.27	403.737	2.7383
189.29	403.737	2.7396
189.34	403.737	2.7383
189.36	404.1835	2.741
189.44	404.6482	2.7423
189.62	405.1129	2.7437
189.94	405.5958	2.7491
189.95	405.5958	2.7504
189.96	405.5958	2.7504
189.99	405.5958	2.7504
190.11	405.5958	2.7504
190.12	405.5958	2.7504
190.14	405.7689	2.7518
190.21	406.2336	2.7531
190.38	406.6892	2.7558
190.69	407.1722	2.7599
190.93	407.6277	2.7626
191.12	407.6277	2.768
191.16	407.6277	2.7693
191.31	407.6277	2.768
191.33	407.6277	2.7693
191.37	408.1016	2.768
191.41	408.5663	2.7707
191.65	409.0492	2.7747
191.84	409.5048	2.7774
192.11	409.9877	2.7815
192.38	410.4706	2.7855
192.53	410.9262	2.7882
192.95	411.4001	2.7936
193.13	411.4001	2.7963
193.29	411.4001	2.7977

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.35	411.8465	2.8004
193.41	412.3203	2.799
193.7	412.7942	2.8044
193.89	413.2498	2.8071
194.08	413.7145	2.8085
194.51	414.1792	2.8166
194.68	414.6439	2.8179
194.92	415.1268	2.822
194.99	415.2817	2.822
195.12	415.2817	2.826
195.17	415.2817	2.8247
195.28	415.2817	2.826
195.31	415.2817	2.826
195.37	415.7282	2.8274
195.48	416.1929	2.8287
195.74	416.6667	2.8341
196.03	417.1223	2.8368
196.37	417.5961	2.8422
196.56	418.0517	2.8449
196.81	418.5346	2.8503
197.12	418.5346	2.8544
197.31	418.5346	2.8571
197.35	418.972	2.8571
197.41	419.4367	2.8584
197.63	419.9014	2.8598
198.32	420.3843	2.8706
198.84	420.849	2.8773
198.99	421.332	2.8814
199.1	421.332	2.8841
199.18	421.332	2.8827
199.25	421.332	2.8854
199.37	421.332	2.8868
199.41	421.7876	2.8854
199.65	422.2614	2.8895
199.99	422.5256	2.8949
200.13	422.9812	2.8976
200.5	423.455	2.903
200.67	423.9106	2.9057
200.95	424.3936	2.9097
201.09	424.3936	2.9124
201.13	424.3936	2.9111
201.27	424.3936	2.9124
201.33	424.3936	2.9124
201.38	424.84	2.9151
201.47	425.2956	2.9165
201.71	425.7512	2.9192
201.78	425.7512	2.9205
201.85	425.7512	2.9219
202.04	426.2068	2.9232
202.41	426.6715	2.93
202.64	427.1271	2.9327
202.73	427.5918	2.9354

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
203.09	427.5918	2.9408
203.17	427.5918	2.9408
203.2	427.5918	2.9408
203.3	427.5918	2.9435
203.38	428.0474	2.9435
203.43	428.5121	2.9448
203.64	428.995	2.9489
204.03	429.4689	2.9543
204.23	429.9336	2.9556
204.63	430.3983	2.9624
204.82	430.8539	2.9651
204.99	431.027	2.9678
205.12	431.027	2.9718
205.15	431.027	2.9718
205.31	431.027	2.9705
205.33	431.027	2.9718
205.43	431.4735	2.9732
205.61	431.9564	2.9772
206.02	432.4302	2.9826
206.48	432.904	2.988
207	433.3596	2.9975
207.09	433.3596	2.9988
207.14	433.3596	2.9988
207.25	433.3596	3.0002
207.33	433.3596	3.0002
207.35	433.8152	3.0015
207.44	434.2708	3.0029
207.51	434.2708	3.0042
207.71	434.2708	3.0069
207.93	434.7446	3.0096
208.3	435.2093	3.0164
208.48	435.674	3.0177
208.69	436.1478	3.0218
208.97	436.6308	3.0258
209.07	436.6308	3.0285
209.1	436.6308	3.0272
209.25	436.6308	3.0312
209.36	436.649	3.0299
209.43	437.1046	3.0312
209.72	437.5784	3.0366
209.99	437.5966	3.0407
210.28	438.0795	3.0434
210.75	438.5443	3.0502
211.1	438.5443	3.0583
211.14	438.5443	3.0569
211.26	438.5443	3.0583
211.35	438.5443	3.0583
211.37	439.009	3.0596
211.43	439.4646	3.061
211.8	439.9384	3.0664
212.28	440.4031	3.0731
212.68	440.8769	3.0785

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
213.13	440.8769	3.0853
213.2	440.8769	3.0866
213.34	441.3325	3.088
213.4	441.7972	3.0893
213.74	442.271	3.0947
214.17	442.7357	3.1015
214.55	443.2095	3.1069
214.99	443.41	3.1123
215.12	443.41	3.115
215.16	443.41	3.115
215.26	443.41	3.1163
215.31	443.41	3.1177
215.37	443.8474	3.1177
215.56	444.3303	3.1204
216.09	444.795	3.1285
216.45	445.2779	3.1325
216.81	445.7426	3.1393
217.1	445.7426	3.146
217.14	445.7426	3.1474
217.22	445.7426	3.146
217.29	445.7426	3.1447
217.31	445.7426	3.1447
217.34	445.7426	3.146
217.39	446.1982	3.1474
217.61	446.6811	3.1514
218.01	447.155	3.1568
218.39	447.6288	3.1622
218.47	447.6288	3.1622
218.55	447.647	3.1649
219.02	448.1117	3.1717
219.09	448.1117	3.173
219.14	448.1117	3.173
219.29	448.1117	3.1757
219.34	448.1208	3.1757
219.41	448.5855	3.1771
219.91	449.0502	3.1838
219.99	449.0502	3.1852
220.12	449.4967	3.1879
220.29	449.4967	3.1892
220.44	449.5149	3.1919
220.71	449.9979	3.1946
221.1	449.9979	3.2027
221.3	449.9979	3.2041
221.38	450.4534	3.2041
221.78	450.9181	3.2108
222.14	451.392	3.2162
222.69	451.8476	3.2243
223.05	452.3214	3.2311
223.09	452.3214	3.2311
223.14	452.3214	3.2338
223.32	452.3214	3.2311
223.4	452.3396	3.2338

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
223.48	452.7952	3.2351
224.17	453.269	3.2459
224.81	453.761	3.2554
224.99	453.761	3.2581
225.11	453.761	3.2608
225.19	453.761	3.2594
225.26	453.761	3.2608
225.33	453.761	3.2635
225.39	454.0891	3.2635
225.85	454.5538	3.2702
226.21	455.0276	3.2756
226.27	455.0276	3.277
226.31	455.0276	3.277
226.38	455.0276	3.2756
226.4	455.0458	3.2783
226.86	455.5105	3.2864
227.08	455.5105	3.2891
227.13	455.5105	3.2878
227.26	455.5105	3.2905
227.35	455.5105	3.2918
227.45	455.9752	3.2932
227.89	456.4399	3.2999
228.7	456.9137	3.3107
229.1	456.9137	3.3188
229.14	456.9137	3.3175
229.27	456.9137	3.3188
229.3	456.9137	3.3202
229.41	457.3602	3.3215
229.99	457.4513	3.3296
230.41	457.916	3.3364
231.1	457.916	3.3485
231.14	457.916	3.3472
231.21	457.916	3.3485
231.29	457.916	3.3472
231.3	457.916	3.3485
231.36	457.916	3.3485
231.75	458.3808	3.3553
232.15	458.8455	3.3621
232.62	459.3193	3.3675
233.09	459.3193	3.3769
233.14	459.3193	3.3756
233.31	459.3193	3.3769
233.37	459.3193	3.3783
233.42	459.7566	3.3796
234.78	460.2213	3.3999
234.99	460.2213	3.4026
235.07	460.2213	3.4053
235.12	460.2213	3.4066
235.25	460.2213	3.4053
235.35	460.2213	3.4066
235.37	460.3398	3.4066
236.01	460.8136	3.4188

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
237.09	460.8136	3.435
237.14	460.8136	3.435
237.23	460.8136	3.4336
237.33	460.8136	3.4377
237.38	461.2783	3.4377
237.51	461.2783	3.439
237.56	461.2783	3.4404
238.47	461.743	3.4512
238.55	461.743	3.4539
238.67	461.743	3.4552
238.93	461.743	3.4606
239	461.743	3.4606
239.04	461.743	3.462
239.38	461.743	3.466
239.73	462.2077	3.4714
239.99	462.3444	3.4755
241.08	462.3444	3.4917
241.14	462.3444	3.493
241.26	462.3444	3.493
241.35	462.3444	3.4944
241.48	462.8	3.4971
243.06	462.3353	3.5227
243.1	461.8706	3.5214
243.17	461.415	3.52
243.21	461.8706	3.5214
243.33	462.3353	3.5227
243.35	462.7909	3.5241
244.76	462.3262	3.543
244.99	462.4629	3.547
245.09	461.9799	3.5511
245.12	461.5243	3.5497
245.17	461.0596	3.5497
245.27	461.5243	3.5497
245.28	461.9799	3.5511
245.32	462.4355	3.5524
247.06	461.9708	3.5794
247.09	461.5061	3.5794
247.14	461.0414	3.5794
247.25	461.497	3.5808
247.31	461.9708	3.5794
247.48	462.4446	3.5835
247.79	461.9617	3.5875
247.85	462.4173	3.5889
248.23	461.9617	3.5943
249.08	461.4879	3.6078
249.12	461.0232	3.6091
249.17	460.5585	3.6078
249.3	461.0232	3.6091
249.32	461.5061	3.6118
249.99	461.5517	3.6213
250.21	461.0779	3.6226
250.27	461.5335	3.624

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
250.71	461.0687	3.6307
251.08	460.604	3.6375
251.12	460.1393	3.6375
251.17	459.6746	3.6375
251.3	460.1485	3.6361
251.32	460.604	3.6375
251.38	461.087	3.6402
251.89	460.6132	3.6483
252.96	460.1393	3.6632
253.07	459.6655	3.6659
253.11	459.1917	3.6672
253.16	458.7361	3.6659
253.29	459.1917	3.6672
253.31	459.6564	3.6686
253.36	460.1211	3.6686
253.83	459.6473	3.6753
253.88	460.112	3.6767
254.61	459.62	3.6875
254.99	459.9389	3.6929
255.06	459.456	3.6969
255.09	459.0004	3.6956
255.12	458.5357	3.6956
255.15	458.0709	3.6956
255.19	457.5971	3.6969
255.32	458.0709	3.6956
255.33	458.5357	3.6956
255.34	458.9912	3.6969
255.36	459.456	3.6969
256.68	458.9912	3.7172
257.07	458.5265	3.7239
257.11	458.0618	3.7226
257.16	457.5971	3.7239
257.21	458.0801	3.7266
257.37	458.5448	3.7266
257.99	458.0618	3.7361
258.59	457.588	3.7455
259.01	457.1233	3.7509
259.08	456.6586	3.7523
259.15	456.1939	3.7523
259.27	456.6768	3.755
259.34	457.1415	3.755
259.99	457.1142	3.7658
260.05	456.6495	3.7658
260.5	456.1848	3.7725
261.04	455.711	3.782
261.08	455.2463	3.782
261.16	454.7907	3.7806
261.23	455.2736	3.7833
261.37	455.7292	3.7847
261.74	455.2736	3.7901
262.1	454.8089	3.7968
262.95	454.3169	3.8076

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
263.07	453.8431	3.8103
263.11	453.3783	3.8117
263.17	452.9136	3.8117
263.29	453.3783	3.8117
263.34	453.8339	3.813
263.64	453.351	3.8171
264.2	452.8681	3.8265
264.81	452.3943	3.836
264.99	452.2303	3.8373
265.06	451.7564	3.84
265.09	451.2917	3.84
265.14	450.827	3.84
265.21	450.3623	3.84
265.27	450.827	3.84
265.3	451.2826	3.8414
265.36	451.7473	3.8427
266.04	451.2644	3.8535
266.3	450.7815	3.8562
266.59	450.3259	3.8616
267	449.8612	3.8684
267.06	449.3965	3.8684
267.11	448.9318	3.8697
267.15	448.4762	3.8684
267.2	448.9318	3.8684
267.36	449.4147	3.8711
267.78	448.95	3.8778
267.89	448.4762	3.8805
268.23	448.0206	3.8859
268.44	447.5468	3.8873
268.56	447.0821	3.8886
268.72	446.6082	3.8913
269.01	446.1253	3.8954
269.05	445.6515	3.8981
269.09	445.1868	3.8967
269.14	444.7312	3.8967
269.35	445.205	3.9008
269.5	444.7312	3.9021
269.81	444.2756	3.9075
269.87	443.8109	3.9075
269.99	443.8018	3.9089
270.1	443.3189	3.9129
270.14	442.8633	3.9129
270.48	442.3986	3.9183
270.69	441.9339	3.9197
270.74	441.46	3.921
270.93	440.9862	3.9237
271.06	440.5124	3.9264
271.1	440.0477	3.9264
271.15	439.583	3.9264
271.37	440.0659	3.9305
271.53	439.5921	3.9318
271.68	439.1274	3.9332

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
271.89	438.6627	3.9386
272.06	438.198	3.9399
272.3	437.7151	3.944
272.43	437.2504	3.9453
272.56	436.7674	3.948
272.82	436.2936	3.9521
273.02	435.8107	3.9562
273.05	435.346	3.9562
273.08	434.8813	3.9562
273.1	434.4166	3.9562
273.14	433.9519	3.9575
273.2	433.4963	3.9562
273.29	433.9519	3.9562
273.3	434.4166	3.9575
273.33	434.8722	3.9575
273.6	434.4166	3.9629
273.72	433.9428	3.9656
273.8	433.4781	3.9656
274.11	433.0042	3.9697
274.28	432.5213	3.9724
274.29	432.0657	3.9724
274.32	431.5919	3.9737
274.46	432.0475	3.9751
274.58	431.5737	3.9778
274.77	431.109	3.9791
274.99	430.6352	3.9818
274.99	430.6352	3.9818
275.05	430.1522	3.9845
275.07	429.6784	3.9872
275.1	429.2228	3.9859
275.16	428.7672	3.9845
275.27	429.2228	3.9859
275.36	429.6784	3.9872
275.47	429.2137	3.9886
275.65	428.7308	3.9926
275.85	428.2661	3.994
276.04	427.7832	3.998
276.16	427.3093	3.9994
276.31	426.8355	4.0021
276.55	426.3617	4.0048
276.71	425.8879	4.0075
276.89	425.405	4.0115
276.94	424.9403	4.0115
277.05	424.4664	4.0142
277.08	424.0109	4.0142
277.12	423.5461	4.0129
277.3	424.0291	4.0156
277.55	423.5735	4.021
277.69	423.1088	4.0223
277.91	422.6259	4.0264
278.08	422.1611	4.0277
278.24	421.6873	4.0304

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
278.34	421.2135	4.0318
278.39	420.7488	4.0318
278.7	420.2659	4.0372
278.87	419.7921	4.0399
278.95	419.3274	4.0399
279.04	418.8535	4.0426
279.08	418.3888	4.0439
279.1	417.9332	4.0426
279.13	417.4594	4.0439
279.18	416.9947	4.0439
279.29	417.4594	4.0439
279.3	417.9241	4.0439
279.6	417.4412	4.0493
279.8	416.9583	4.052
279.99	416.7031	4.0547
280.09	416.2384	4.0561
280.3	415.7555	4.0601
280.36	415.2908	4.0601
280.54	414.817	4.0642
280.67	414.3432	4.0669
280.79	413.8785	4.0669
280.93	413.4047	4.0696
281.03	412.9308	4.0723
281.05	412.457	4.0736
281.07	412.0014	4.0723
281.1	411.5367	4.0736
281.14	411.0811	4.0723
281.18	410.6073	4.0736
281.24	410.1517	4.0723
281.31	410.6255	4.0709
281.32	411.0811	4.0723
281.33	411.5367	4.0736
281.55	411.0538	4.0777
281.7	410.58	4.0804
281.76	410.1153	4.0804
281.96	409.6415	4.0844
282.07	409.1676	4.0858
282.17	408.7029	4.0871
282.26	408.2382	4.0885
282.38	407.7644	4.0912
282.42	407.3088	4.0898
282.49	407.7644	4.0912
282.55	407.2906	4.0939
282.7	406.8259	4.0939
282.74	406.3521	4.0966
282.92	405.8783	4.0993
282.97	405.4227	4.0979
283.03	404.9489	4.0993
283.07	404.4933	4.0993
283.11	404.0195	4.1006
283.18	404.475	4.102
283.23	404.0195	4.102

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
283.51	403.5365	4.106
283.59	403.0718	4.1074
283.69	402.598	4.1087
283.84	402.1242	4.1114
283.87	401.6686	4.1114
284.01	401.1948	4.1141
284.11	400.721	4.1155
284.27	400.2471	4.1182
284.32	399.7916	4.1182
284.41	399.3177	4.1195
284.47	398.853	4.1209
284.58	398.3883	4.1209
284.68	397.9145	4.1236
284.78	397.4498	4.1249
284.92	396.9851	4.1263
284.97	396.5113	4.1276
284.99	396.484	4.1276
285.03	396.0101	4.1303
285.06	395.5454	4.1317
285.08	395.0807	4.1303
285.11	394.616	4.1317
285.14	394.1513	4.1317
285.18	393.6957	4.1317
285.25	393.231	4.1317
285.3	393.6957	4.1303
285.31	394.1513	4.1317
285.34	394.616	4.1317
285.47	394.1422	4.1344
285.53	393.6684	4.1371
285.57	393.2128	4.1371
285.7	392.7481	4.1371
285.78	392.2743	4.1398
285.83	391.8096	4.1398
285.95	391.3449	4.1411
286.04	390.8802	4.1425
286.12	390.4063	4.1438
286.22	389.9416	4.1452
286.33	389.4678	4.1479
286.38	389.0031	4.1492
286.49	388.5384	4.1492
286.58	388.0737	4.1506
286.63	387.5999	4.1519
286.73	387.1352	4.1533
286.78	386.6705	4.1533
286.96	386.1967	4.1573
287.02	385.7229	4.1587
287.05	385.2673	4.1587
287.08	384.8026	4.1587
287.11	384.3379	4.16
287.15	383.8732	4.16
287.24	383.4176	4.1587
287.26	383.8732	4.16

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
287.5	383.3993	4.1641
287.56	382.9255	4.1654
287.68	382.4608	4.1668
287.76	381.9961	4.1681
287.82	381.5223	4.1695
287.92	381.0667	4.1695
288.02	380.5929	4.1722
288.11	380.1191	4.1735
288.14	379.6635	4.1735
288.27	379.1897	4.1762
288.35	378.725	4.1762
288.4	378.2603	4.1776
288.49	377.7955	4.1789
288.6	377.3217	4.1803
288.67	376.857	4.1816
288.75	376.3923	4.1816
288.84	375.9276	4.1843
288.9	375.4629	4.1843
288.97	374.9982	4.1857
289.03	374.5244	4.187
289.06	374.0597	4.1884
289.09	373.595	4.1884
289.14	373.1394	4.1884
289.42	372.6565	4.1924
289.49	372.2009	4.1924
289.59	371.7271	4.1951
289.71	371.2532	4.1965
289.76	370.7885	4.1978
289.79	370.3238	4.1978
289.93	369.8591	4.1992
289.99	369.604	4.2019
290.07	369.1393	4.2019
290.12	368.6746	4.2032
290.23	368.2099	4.2046
290.28	367.7452	4.2046
290.36	367.2805	4.2046
290.45	366.8158	4.2073
290.54	366.342	4.2086
290.64	365.8772	4.21
290.73	365.4125	4.2113
290.81	364.9478	4.2127
290.85	364.4831	4.2127
290.92	364.0184	4.214
290.96	363.5446	4.2154
291.05	363.0799	4.2181
291.07	362.6152	4.2181
291.1	362.1505	4.2181
291.14	361.6858	4.2194
291.17	361.2302	4.2181
291.21	360.7655	4.2181
291.29	361.2393	4.2167
291.29	361.7131	4.2194

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S1-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
291.49	361.2393	4.2235
291.51	361.1482	4.2235

S1-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	1.1	0.01425
0.1873	2.305217	0.01215
0.2158	5.285132	0.0102
0.2336	8.265047	0.01425
0.2456	11.24496	0.03045
0.2568	14.22488	0.04455
0.2758	15.96784	0.05265
0.2914	18.94776	0.06885
0.317	21.92767	0.08505
0.4539	24.90759	0.10125
0.9546	24.90759	0.10125
1.2553	27.6626	0.1134
1.3075	30.64252	0.12765
1.3989	33.62243	0.14385
1.4628	33.62243	0.1458
1.4852	36.15255	0.156
1.4984	39.13247	0.16815
1.5135	42.11238	0.18225
1.6321	42.50595	0.1884
1.9176	45.48587	0.19845
2.174	48.46578	0.2106
2.6142	51.38947	0.2208
2.9717	52.96377	0.23085
2.9795	55.94368	0.23895
3.1563	58.9236	0.24915
3.2397	58.9236	0.2532
3.2861	58.9236	0.2532
3.3353	61.90351	0.2592
3.4814	64.8272	0.27135
3.4948	65.44567	0.27345
3.5109	68.42559	0.2835
3.546	71.34928	0.2916
3.915	71.34928	0.29775
4.4489	71.34928	0.2937
4.9793	74.32919	0.3018
4.9998	77.30911	0.3099
5.2283	79.27698	0.318
5.2627	82.25689	0.3261
5.3225	85.18058	0.3342
5.4693	88.1605	0.34425
5.482	91.14041	0.35235
5.4978	94.0641	0.36045
5.5532	94.0641	0.36255
5.8607	97.04402	0.36855
6.3731	100.0239	0.37665
6.9565	100.0239	0.38475
7.2596	100.0239	0.3828
7.4455	103.0038	0.3828
7.5303	105.9275	0.39285
7.8476	108.9074	0.40095
8.4305	109.4697	0.405
9.0136	112.4496	0.41115

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	1.9	-0.00517
0.1751	8.846051	-0.00517
0.2061	18.46132	-0.00594
0.2553	28.2689	-0.00594
0.288	37.88418	-0.00429
0.4539	47.69175	-0.00176
0.9455	57.49933	0.00253
1.5177	67.11461	0.0077
1.9998	75.38374	0.01199
2.9024	84.99901	0.02046
3.1624	84.99901	0.02387
3.239	84.99901	0.0231
3.9997	90.38357	0.03069
5.0952	99.99884	0.04103
5.1913	99.99884	0.04268
5.5973	99.99884	0.04609
5.9995	99.99884	0.04873
6.498	108.268	0.05379
6.5124	108.268	0.05467
7.0401	108.268	0.05896
7.9993	109.6141	0.06666
9.1392	119.4217	0.07777
9.3012	119.4217	0.0803
9.7543	119.4217	0.08459
9.9992	120.9601	0.08624
11.999	124.6139	0.10417
12.458	134.2292	0.10846
12.475	134.2292	0.10934
13.012	134.2292	0.1144
13.489	134.2292	0.11869
13.697	134.2292	0.12045
13.999	135.7677	0.1221
14.66	145.5752	0.12892
14.668	145.5752	0.1298
15.295	145.5752	0.13497
15.639	145.5752	0.1375
15.685	145.5752	0.1375
15.999	146.9214	0.14179
17.632	156.7289	0.15543
17.999	156.7289	0.15972
18.49	159.6135	0.16401
19.254	159.6135	0.17171
19.393	159.6135	0.17248
19.998	164.8058	0.17677
21.082	174.4211	0.18788
21.099	174.4211	0.18876
21.688	174.4211	0.19382
21.998	174.4211	0.19558
23.071	182.6902	0.20581
23.3	182.6902	0.20922
23.675	182.6902	0.21098
23.998	182.6902	0.21516

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002		0
0.1134	10.69752	-0.00192
0.1695	17.46811	-0.00192
0.2068	24.37411	-0.00192
0.3997	31.14469	0.00192
1.9998	35.34245	0.03912
2.2713	35.34245	0.04656
2.3988	35.34245	0.03912
3.9997	41.16516	0.07824
4.207	41.16516	0.0876
4.2687	41.16516	0.0876
4.3284	41.16516	0.08952
4.454	41.16516	0.0876
4.4877	41.16516	0.08376
4.5155	41.16516	0.08208
5.9995	41.16516	0.11928
6.2251	41.16516	0.12864
6.2851	41.16516	0.13032
6.4285	41.16516	0.1248
6.4551	41.16516	0.1212
7.8167	47.93574	0.15456
7.9993	47.93574	0.1584
8.191	47.93574	0.16968
8.2405	47.93574	0.16968
8.2983	47.93574	0.16968
8.3647	47.93574	0.16968
8.4522	47.93574	0.16392
8.501	47.93574	0.16392
8.5327	47.93574	0.16032
8.5629	47.93574	0.162
9.9992	52.67515	0.19752
10.197	52.67515	0.20688
10.24	52.67515	0.20688
10.31	52.67515	0.21048
10.466	52.67515	0.20496
10.499	52.67515	0.20304
10.523	52.67515	0.20304
11.473	59.58115	0.22728
11.999	59.58115	0.23856
12.928	64.8622	0.25896
13.999	68.51832	0.2796
14.271	68.51832	0.28512
14.421	68.51832	0.2832
15.008	75.2889	0.3
15.999	78.94502	0.31872
16.15	78.94502	0.32424
16.199	78.94502	0.33168
16.232	78.94502	0.33168
16.271	78.94502	0.33168
16.309	78.94502	0.3336
16.354	78.94502	0.32784
16.41	78.94502	0.32232

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002		0.05454
0.1017	0	0.04752
0.1488	7.389696	0.05022
0.4914	7.389696	0.06426
0.7768	7.389696	0.05724
1.0845	17.11298	0.0684
1.9998	19.44657	0.08244
2.4925	19.44657	0.0936
2.6469	19.44657	0.09216
2.7954	19.44657	0.0909
2.8737	19.44657	0.0909
3.3578	29.36432	0.1035
3.9997	33.83703	0.11322
4.4157	33.83703	0.1215
4.5691	33.83703	0.12294
4.8511	33.83703	0.1215
4.8967	33.83703	0.1215
5.1179	43.56031	0.12996
5.9995	50.36661	0.14256
6.3178	50.36661	0.15372
6.3717	50.36661	0.15372
6.4207	50.36661	0.15516
6.6336	50.36661	0.14958
6.6841	50.36661	0.14814
6.7148	50.36661	0.14814
6.9119	60.28436	0.15516
7.9993	68.45192	0.1719
8.1562	68.45192	0.17604
8.184	68.45192	0.18306
8.2574	68.45192	0.17334
8.3066	68.45192	0.18306
8.323	68.45192	0.1746
8.4198	68.45192	0.1845
8.581	68.45192	0.17892
8.6378	68.45192	0.18036
8.6742	68.45192	0.17748
8.7095	68.45192	0.17892
8.9512	78.36967	0.1872
9.9992	83.62025	0.20538
10.133	83.62025	0.20124
10.265	83.62025	0.20826
10.293	83.62025	0.20826
10.337	83.62025	0.21096
10.377	83.62025	0.2124
10.458	83.62025	0.21528
10.521	83.62025	0.21384
10.661	83.62025	0.21096
10.692	83.62025	0.21096
10.732	83.62025	0.2124
10.777	83.62025	0.2097
10.81	83.62025	0.2097
10.867	93.538	0.21654

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
9.2561	115.4295	0.41925
9.416	118.3532	0.42525
9.4982	121.3331	0.43335
9.9787	124.313	0.4395
9.9997	127.2367	0.44565
10.553	127.4616	0.44955
10.9	130.3853	0.4578
11.241	133.3652	0.46185
11.411	136.3452	0.47595
11.514	139.2688	0.474
12.046	142.2488	0.48405
12.509	145.2287	0.49215
12.907	145.3973	0.49215
13.49	148.3773	0.4983
13.75	151.301	0.5064
14.343	154.2809	0.5145
14.844	157.2608	0.51855
15	160.1845	0.5226
15.27	163.1644	0.53265
15.429	164.1202	0.5367
15.528	167.1001	0.54075
15.715	170.0238	0.54885
16.278	173.0037	0.5529
16.727	175.9836	0.55905
17.098	178.9073	0.56505
17.649	181.8872	0.57315
17.937	183.8551	0.5793
18.243	186.7788	0.58335
18.252	189.7587	0.58935
18.512	192.7386	0.5955
18.889	195.6623	0.6036
19.211	198.6422	0.60555
19.252	201.5659	0.61365
19.315	204.5458	0.62175
19.472	205.8952	0.62175
19.484	208.8752	0.6279
19.495	211.7988	0.6339
19.524	214.7788	0.63795
19.884	217.7024	0.64815
19.999	220.6824	0.6501
20.191	223.6623	0.65415
20.57	226.586	0.6603
20.597	228.5538	0.6663
20.796	231.5338	0.67245
21.124	234.4574	0.6765
21.23	237.4374	0.6846
21.399	237.4374	0.68655
21.613	237.4374	0.68655
21.971	240.361	0.6906
22.405	243.341	0.6927
22.905	246.2647	0.7008
23.279	249.1883	0.7068

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
24.771	192.3055	0.22121
25.026	192.3055	0.22374
25.468	192.3055	0.22891
25.998	196.9208	0.23232
26.018	196.9208	0.2332
26.366	196.9208	0.23573
27.578	206.5361	0.24761
27.605	206.5361	0.24761
27.998	206.5361	0.25113
28.293	210.1899	0.25366
28.308	210.1899	0.25454
28.653	210.1899	0.25707
28.985	210.1899	0.26048
29.217	210.1899	0.26213
29.998	212.4975	0.26983
30.548	222.1128	0.275
30.683	222.1128	0.27588
31.091	222.1128	0.28017
31.997	222.882	0.28776
32.392	232.4973	0.29117
32.417	232.4973	0.29293
32.996	232.4973	0.29722
33.997	236.1511	0.30569
34.911	245.9587	0.31515
34.923	245.9587	0.31603
35.486	245.9587	0.32021
35.704	245.9587	0.32285
35.988	245.9587	0.3245
35.997	246.5356	0.3245
37.348	256.3432	0.33649
37.557	256.3432	0.33902
37.934	256.3432	0.34243
37.997	256.9201	0.34243
39.236	266.7277	0.35442
39.444	266.7277	0.35695
39.911	266.7277	0.36036
39.997	267.3046	0.36124
41.405	277.1122	0.37323
41.636	277.1122	0.37664
41.928	277.1122	0.37917
41.997	277.1122	0.37917
42.869	284.4198	0.38775
43.2	284.4198	0.39116
43.69	284.4198	0.39545
43.996	284.4198	0.39798
44.175	284.4198	0.40051
44.264	284.4198	0.39963
44.989	291.9197	0.40733
45.29	291.9197	0.40997
45.996	291.9197	0.41591
46.486	292.4966	0.4202
47.996	295.5735	0.4356

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
16.438	78.94502	0.32232
16.459	78.94502	0.32232
16.481	78.94502	0.3204
16.5	78.94502	0.31872
16.52	78.94502	0.32616
17.303	85.85101	0.34656
17.999	86.39266	0.36144
18.664	93.16325	0.37272
19.998	96.81936	0.40056
20.123	96.81936	0.4044
20.195	96.81936	0.408
20.235	96.81936	0.40632
20.277	96.81936	0.40992
20.316	96.81936	0.40992
20.443	96.81936	0.40632
20.478	96.81936	0.4044
20.505	96.81936	0.40632
20.529	96.81936	0.40248
20.557	96.81936	0.40632
21.818	103.5899	0.43608
21.998	103.5899	0.4416
22.204	103.5899	0.44712
22.266	103.5899	0.44904
22.314	103.5899	0.44712
22.411	103.5899	0.44544
22.434	103.5899	0.43968
22.453	103.5899	0.4416
23.459	109.9543	0.46584
23.998	109.9543	0.48264
24.25	109.9543	0.49008
24.325	109.9543	0.48816
24.358	109.9543	0.48624
24.397	109.9543	0.48264
24.43	116.1832	0.48816
25.998	119.8393	0.52176
26.241	119.8393	0.5292
26.332	119.8393	0.52536
26.386	119.8393	0.52176
26.407	119.8393	0.52368
27.085	126.7453	0.54024
27.998	130.9431	0.55896
28.133	130.9431	0.5664
28.176	130.9431	0.57192
28.204	130.9431	0.57024
28.225	130.9431	0.57192
28.247	130.9431	0.57192
28.268	130.9431	0.57384
28.288	130.9431	0.57384
28.309	130.9431	0.57024
28.381	130.9431	0.5628
28.397	130.9431	0.55896
28.411	130.9431	0.56088

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
11.674	103.2613	0.2277
11.999	103.2613	0.23472
12.168	111.6233	0.23616
12.205	111.6233	0.23616
12.347	111.6233	0.24318
12.361	111.6233	0.24318
12.375	111.6233	0.24462
12.404	111.6233	0.24588
12.436	111.6233	0.24732
12.477	111.6233	0.24462
12.606	111.6233	0.2403
12.628	111.6233	0.2403
12.649	111.6233	0.2403
12.689	111.6233	0.24174
12.726	111.6233	0.2403
12.756	111.6233	0.23904
12.793	111.6233	0.24462
13.445	121.3466	0.25434
13.999	125.0414	0.26406
14.313	125.0414	0.27252
14.332	125.0414	0.27396
14.35	125.0414	0.27108
14.373	125.0414	0.27396
14.392	125.0414	0.27522
14.423	125.0414	0.27522
14.465	125.0414	0.27522
14.586	125.0414	0.27252
14.613	125.0414	0.27108
14.634	125.0414	0.27108
14.664	125.0414	0.27108
14.696	125.0414	0.26838
14.724	125.0414	0.26964
14.746	125.0414	0.26964
14.87	134.9592	0.27666
15.732	144.6825	0.28926
15.798	144.6825	0.2907
15.926	144.6825	0.29214
15.999	144.6825	0.2934
16.236	144.6825	0.29484
16.28	144.6825	0.30186
16.296	144.6825	0.30042
16.32	144.6825	0.306
16.33	144.6825	0.30474
16.358	144.6825	0.30744
16.389	144.6825	0.306
16.419	144.6825	0.30474
16.54	144.6825	0.29898
16.561	144.6825	0.29898
16.579	144.6825	0.30042
16.591	144.6825	0.29898
16.621	144.6825	0.29898
16.65	144.6825	0.29772

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
23.388	250.9875	0.71085
23.449	253.9674	0.7149
23.644	256.8911	0.71895
24.143	259.8711	0.7251
24.423	262.7947	0.7332
24.893	265.7184	0.73725
24.999	268.6983	0.7413
25.266	271.622	0.7473
25.338	273.5899	0.75345
25.425	276.5698	0.75945
25.453	279.4935	0.76155
25.539	282.4734	0.76755
25.814	285.3971	0.77775
26.286	288.377	0.7797
26.635	291.3007	0.78585
27.064	294.2244	0.79185
27.504	295.2365	0.7959
27.904	298.1601	0.798
28.201	301.1401	0.804
28.733	304.0638	0.81015
29.043	307.0437	0.81825
29.252	309.9674	0.8223
29.409	312.9473	0.82425
29.522	315.871	0.83445
29.83	318.7947	0.84045
29.999	319.5818	0.84045
30.249	322.5617	0.8445
30.527	325.4854	0.85065
31.019	328.4091	0.85665
31.429	331.389	0.86475
31.551	334.3127	0.86685
32.053	337.2926	0.87285
32.401	340.2163	0.879
32.79	342.7464	0.88305
33.387	345.7263	0.89115
33.398	348.65	0.89715
33.435	348.65	0.90735
33.528	348.65	0.9033
34.05	351.5737	0.9054
34.348	354.5536	0.90735
34.676	357.4773	0.9135
34.999	360.401	0.9216
35.369	362.5938	0.92565
35.502	365.5175	0.93165
35.923	368.4412	0.9378
36.212	371.4211	0.9438
36.602	374.3448	0.9519
36.917	377.2684	0.954
37.432	380.1921	0.96405
37.645	383.1721	0.9702
37.882	383.7343	0.9702
38.352	386.658	0.9762

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
48.719	305.1888	0.44154
48.938	305.1888	0.44407
49.2	305.1888	0.44495
49.996	308.8426	0.45265
50.934	318.4578	0.462
51.996	318.4578	0.47146
52.324	328.0731	0.47487
52.344	328.0731	0.47487
52.847	328.0731	0.47905
53.35	328.0731	0.48334
53.789	328.0731	0.48851
53.996	331.15	0.48939
55.008	340.7653	0.49874
55.134	340.7653	0.5005
55.642	340.7653	0.50468
55.821	340.7653	0.50732
55.948	340.7653	0.50732
55.995	340.7653	0.50809
56.432	346.7267	0.51238
56.623	346.7267	0.51414
56.953	346.7267	0.51755
57.995	351.7267	0.52602
59.159	361.5343	0.53636
59.179	361.5343	0.53713
59.636	361.5343	0.54142
59.733	361.5343	0.5423
59.864	361.5343	0.5423
59.995	361.5343	0.54483
60.36	361.5343	0.54824
60.468	361.5343	0.54912
61.165	371.1495	0.55594
61.457	371.1495	0.55858
61.941	371.1495	0.56199
61.995	372.4957	0.56364
63.367	382.1109	0.57475
63.646	382.1109	0.57816
63.719	382.1109	0.57992
63.902	382.1109	0.57904
63.995	382.1109	0.58157
64.189	384.4186	0.5841
64.652	384.4186	0.58751
65.066	384.4186	0.59103
65.839	384.4186	0.59862
65.977	384.4186	0.59785
65.995	384.9955	0.59862
66.541	394.6108	0.60467
66.567	394.6108	0.60555
66.93	394.6108	0.60896
67.18	394.6108	0.61061
67.186	394.6108	0.60973
67.192	394.6108	0.61061
67.576	394.6108	0.61402

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
28.424	130.9431	0.55896
28.437	130.9431	0.55704
28.448	130.9431	0.55536
28.459	130.9431	0.55704
28.474	130.9431	0.56448
29.246	137.7137	0.5832
29.998	139.7449	0.6
30.152	139.7449	0.6036
30.21	139.7449	0.60552
30.246	139.7449	0.60936
30.288	139.7449	0.60744
30.317	139.7449	0.61128
30.356	139.7449	0.60936
30.441	139.7449	0.60552
30.473	139.7449	0.60552
30.493	139.7449	0.6036
30.507	139.7449	0.60192
30.525	139.7449	0.60192
30.54	139.7449	0.6036
30.565	146.6509	0.60936
30.973	146.6509	0.61872
31.13	146.6509	0.61872
31.997	149.2237	0.64104
32.147	149.2237	0.64464
32.189	149.2237	0.64848
32.214	149.2237	0.64848
32.247	149.2237	0.64656
32.271	149.2237	0.65208
32.291	149.2237	0.6504
32.313	149.2237	0.6504
32.352	149.2237	0.6504
32.398	149.2237	0.64296
32.414	149.2237	0.64296
32.431	149.2237	0.64296
32.452	149.2237	0.64104
32.467	149.2237	0.64104
32.48	149.2237	0.64104
32.492	149.2237	0.64104
32.506	149.2237	0.64296
32.541	156.1297	0.6504
32.792	156.1297	0.65592
32.984	156.1297	0.65784
33.246	156.1297	0.66888
33.292	156.1297	0.66336
33.997	160.192	0.67824
34.106	160.192	0.6876
34.167	160.192	0.6876
34.205	160.192	0.6912
34.226	160.192	0.68952
34.247	160.192	0.6876
34.271	160.192	0.6912
34.297	160.192	0.69312

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
16.672	144.6825	0.29772
16.702	144.6825	0.30186
16.95	153.0445	0.30744
17.999	157.5172	0.32274
18.355	157.5172	0.33264
18.369	157.5172	0.33408
18.387	157.5172	0.33408
18.399	157.5172	0.33408
18.417	157.5172	0.33264
18.43	157.5172	0.33408
18.469	157.5172	0.33408
18.513	157.5172	0.33534
18.662	157.5172	0.33264
18.689	157.5172	0.33264
18.709	157.5172	0.3312
18.723	157.5172	0.3312
18.742	157.5172	0.3312
18.78	157.5172	0.3312
18.803	157.5172	0.3312
18.844	157.5172	0.33534
19.998	161.9899	0.35496
20.171	161.9899	0.36198
20.18	161.9899	0.35784
20.221	161.9899	0.35496
20.252	161.9899	0.3591
20.321	161.9899	0.3564
20.353	161.9899	0.36468
20.374	161.9899	0.36468
20.406	161.9899	0.36612
20.447	161.9899	0.36342
20.515	161.9899	0.36054
20.545	161.9899	0.36054
20.565	161.9899	0.3591
20.583	161.9899	0.36054
20.595	161.9899	0.3591
20.618	161.9899	0.35784
20.645	161.9899	0.35784
20.667	161.9899	0.35784
20.696	161.9899	0.36198
21.365	171.9077	0.37314
21.998	171.9077	0.38574
22.214	171.9077	0.3843
22.337	171.9077	0.38988
22.373	171.9077	0.39276
22.403	171.9077	0.39276
22.416	171.9077	0.39402
22.435	171.9077	0.39402
22.454	171.9077	0.39276
22.475	171.9077	0.39402
22.499	171.9077	0.39402
22.559	171.9077	0.39402
22.649	171.9077	0.3969

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
38.66	389.6379	0.98025
39.057	392.5616	0.9924
39.248	395.4853	0.99645
39.397	398.409	1.0026
39.445	401.3889	1.0107
39.673	401.5576	1.01265
39.96	404.4813	1.0188
39.999	407.4612	1.02285
40.238	410.3849	1.03095
40.564	410.3849	1.0329
40.986	410.3849	1.03905
41.236	413.3086	1.041
41.422	416.2322	1.0431
41.455	419.1559	1.0512
41.525	421.1238	1.0593
41.885	424.0475	1.0653
42.183	426.9712	1.0734
42.551	429.8949	1.0836
42.819	432.8748	1.08765
43.105	435.7985	1.0998
43.201	436.7543	1.10175
43.391	439.678	1.1058
43.483	442.6017	1.11795
43.68	442.6017	1.122
44.047	442.6017	1.12605
44.417	445.5254	1.12605
44.704	448.4491	1.13415
44.978	451.3727	1.14435
44.998	451.3727	1.1463
45.41	454.1278	1.15035
45.47	457.0514	1.16055
45.8	457.0514	1.1646
46.085	457.0514	1.1706
46.401	459.9751	1.1706
46.658	462.8988	1.18275
47.018	464.2482	1.1889
47.426	467.1719	1.20105
47.509	467.1719	1.20705
47.878	467.1719	1.20915
48.114	470.0956	1.2111
48.42	472.9631	1.2273
48.718	474.5374	1.23135
49.057	477.4611	1.24155
49.434	480.3847	1.2537
49.579	483.3084	1.2618
49.935	484.9952	1.27395
49.998	487.9189	1.284
50.265	490.8426	1.3002
50.562	493.7662	1.3083
50.807	496.6337	1.3185
51.066	496.6337	1.32255
51.231	499.3887	1.3326

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
67.828	394.6108	0.61655
67.891	394.6108	0.61743
67.919	394.6108	0.61831
67.994	394.6108	0.61743
68.263	394.6108	0.61996
69.123	394.6108	0.62854
69.913	394.6108	0.63536
69.994	394.6108	0.63624
70.609	394.6108	0.64141
70.787	394.6108	0.64394
71.057	394.6108	0.64647
71.674	404.2261	0.65252
71.687	404.2261	0.65252
71.994	404.2261	0.65505
72.606	410.7645	0.66011
72.752	410.7645	0.66187
72.755	410.7645	0.66275
72.762	410.7645	0.66099
72.984	410.7645	0.66352
73.588	410.7645	0.66957
73.693	410.7645	0.67045
73.994	410.7645	0.67298
74.266	410.7645	0.67551
74.536	410.7645	0.67892
74.664	410.7645	0.6798
75.31	413.0721	0.68497
75.375	413.0721	0.68662
75.802	413.0721	0.68838
75.994	415.1875	0.69091
76.981	424.8028	0.69949
77.003	424.8028	0.70114
77.388	424.8028	0.70455
77.712	424.8028	0.70884
77.911	424.8028	0.70884
77.994	425.572	0.70884
79.654	435.7642	0.72424
79.697	435.7642	0.72589
79.772	435.7642	0.72677
79.947	435.7642	0.72677
79.96	435.7642	0.72765
79.975	435.7642	0.72765
79.993	435.7642	0.72765
80.441	435.7642	0.73194
81.993	435.7642	0.74646
82.182	441.7256	0.74811
83.648	452.1101	0.76175
83.926	452.1101	0.76351
83.993	452.1101	0.76439
84.518	454.9947	0.76945
84.655	454.9947	0.77033
85.256	454.9947	0.77627
85.496	454.9947	0.77891

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
34.317	160.192	0.68952
34.397	160.192	0.68016
34.417	160.192	0.67824
34.433	160.192	0.68208
34.444	160.192	0.68208
34.457	160.192	0.67824
34.468	160.192	0.67824
34.478	160.192	0.67824
34.491	160.192	0.68376
34.54	167.098	0.6912
34.721	167.098	0.69696
35.38	167.098	0.70608
35.56	167.098	0.71376
35.8	167.098	0.71544
35.997	169.1292	0.7212
36.203	169.1292	0.72864
36.225	169.1292	0.7248
36.391	169.1292	0.72288
36.413	169.1292	0.7212
36.659	175.8998	0.73416
37.094	175.8998	0.74352
37.167	175.8998	0.74352
37.243	175.8998	0.74352
37.295	175.8998	0.7416
37.997	179.5559	0.762
38.129	179.5559	0.76392
38.183	179.5559	0.77136
38.223	179.5559	0.76944
38.262	179.5559	0.76944
38.287	179.5559	0.77136
38.324	179.5559	0.76584
38.414	179.5559	0.76392
38.439	179.5559	0.76392
38.454	179.5559	0.76584
38.477	179.5559	0.76584
38.496	179.5559	0.762
38.513	179.5559	0.76392
38.532	186.4619	0.76392
38.766	186.4619	0.7752
38.812	186.4619	0.77328
39.764	193.2325	0.7956
39.997	193.2325	0.80112
40.21	193.2325	0.81048
40.232	193.2325	0.81048
40.257	193.2325	0.80856
40.273	193.2325	0.8124
40.292	193.2325	0.81432
40.313	193.2325	0.81432
40.335	193.2325	0.8124
40.361	193.2325	0.80496
40.39	193.2325	0.80496
40.415	193.2325	0.80304

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
22.758	171.9077	0.39402
22.785	171.9077	0.39402
22.798	171.9077	0.39276
22.818	171.9077	0.39276
22.832	171.9077	0.39276
22.848	171.9077	0.39276
22.877	171.9077	0.39132
22.899	171.9077	0.39132
22.919	171.9077	0.39276
23.159	179.2974	0.40248
23.998	179.2974	0.41364
24.237	179.2974	0.41778
24.259	179.2974	0.41778
24.297	179.2974	0.42066
24.317	179.2974	0.42066
24.339	179.2974	0.4248
24.349	179.2974	0.42624
24.359	179.2974	0.42624
24.38	179.2974	0.42624
24.409	179.2974	0.42624
24.443	179.2974	0.42336
24.54	179.2974	0.41922
24.56	179.2974	0.42066
24.578	179.2974	0.41922
24.592	179.2974	0.42066
24.609	179.2974	0.42066
24.622	179.2974	0.41922
24.65	179.2974	0.41922
24.672	179.2974	0.41778
24.694	179.2974	0.42066
24.734	179.2974	0.4248
25.463	189.2151	0.43596
25.998	189.2151	0.44442
26.163	189.2151	0.45144
26.186	189.2151	0.44586
26.277	189.2151	0.44856
26.302	189.2151	0.44712
26.357	189.2151	0.45144
26.377	189.2151	0.4527
26.399	189.2151	0.4527
26.419	189.2151	0.45414
26.44	189.2151	0.45414
26.462	189.2151	0.45414
26.512	189.2151	0.45558
26.575	189.2151	0.45414
26.742	189.2151	0.4527
26.762	189.2151	0.45414
26.783	189.2151	0.45414
26.801	189.2151	0.45414
26.813	189.2151	0.4527
26.824	189.2151	0.45414
26.842	189.2151	0.4527

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
51.42	499.3887	1.33875
51.462	499.3887	1.34475
51.636	502.2562	1.34475
51.903	505.1799	1.3611
52.222	505.3486	1.36305
52.479	508.2722	1.3773
52.806	508.2722	1.3854
53.112	508.2722	1.3833
53.451	511.1959	1.38735
53.636	511.1959	1.38735
53.88	511.1959	1.3935
54.188	513.0514	1.40565
54.485	515.975	1.4157
54.698	515.975	1.4259
54.998	515.975	1.4259
55.386	518.8987	1.4319
55.519	521.7662	1.44405
55.776	521.7662	1.4502
55.99	524.2963	1.46025
56.238	524.2963	1.4724
56.555	524.2963	1.47045
56.871	524.2963	1.47045
57.117	524.2963	1.4724
57.185	527.1638	1.47645
57.266	527.1638	1.49265
57.383	529.5814	1.5069
57.415	529.5814	1.51095
57.447	529.5814	1.5129
57.577	529.5814	1.5129
57.926	529.5814	1.51905
58.151	532.5051	1.521
58.395	533.4047	1.5372
58.704	536.3284	1.5474
58.879	536.3284	1.5615
59.421	536.3284	1.55955
59.471	539.1959	1.5636
59.687	540.714	1.5798
59.996	543.6377	1.58985
59.998	543.6377	1.602
60.191	543.6377	1.6041
60.394	543.6377	1.60005
60.661	543.6377	1.602
61.009	546.5051	1.60605
61.28	549.3726	1.62225
61.365	549.3726	1.62225
61.419	551.1156	1.63845
61.481	551.1156	1.64865
61.736	551.1156	1.6446
61.984	551.1156	1.64655
62.238	551.1156	1.64865
62.473	551.1156	1.64655
62.709	551.1156	1.6446

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
85.816	454.9947	0.78144
85.92	454.9947	0.78144
85.94	454.9947	0.78232
85.993	454.9947	0.78309
86.947	463.8408	0.79167
87.355	463.8408	0.79596
87.662	463.8408	0.79937
87.789	463.8408	0.80025
87.831	463.8408	0.80025
87.969	463.8408	0.79937
87.98	463.8408	0.79937
87.993	466.7253	0.80025
88.395	466.7253	0.80531
88.545	466.7253	0.80619
89.424	476.3406	0.81389
89.634	476.3406	0.8173
89.993	476.3406	0.81983
91.423	482.879	0.8327
91.441	482.879	0.8327
91.992	482.879	0.83776
92.429	482.879	0.84205
92.549	482.879	0.84381
93.236	485.7636	0.84887
93.68	485.7636	0.85404
93.932	485.7636	0.85492
93.992	485.7636	0.85657
95.304	496.1481	0.86856
95.787	496.1481	0.87285
95.822	496.1481	0.8745
95.939	496.1481	0.87285
95.992	496.1481	0.8745
97.425	504.2249	0.88814
97.707	504.2249	0.89155
97.867	504.2249	0.89155
97.992	504.2249	0.89331
98.624	508.6479	0.89837
99.058	508.6479	0.90266
99.401	508.6479	0.9053
99.805	508.6479	0.91036
99.891	508.6479	0.90948
99.992	510.7633	0.91036
100.05	510.7633	0.91212
100.38	510.7633	0.91553
101.86	520.9555	0.92917
101.88	520.9555	0.92917
101.99	520.9555	0.93005
103.56	525.3785	0.94457
103.57	525.3785	0.94457
103.65	525.3785	0.94457
103.72	525.3785	0.94457
103.81	525.3785	0.9471
103.94	525.3785	0.94622

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
40.436	193.2325	0.80688
40.457	193.2325	0.80496
40.473	193.2325	0.80112
40.489	193.2325	0.80304
40.502	193.2325	0.80112
40.515	193.2325	0.80304
40.532	194.3158	0.80304
41.18	201.0864	0.82536
41.997	201.0864	0.83856
42.188	201.0864	0.8496
42.208	201.0864	0.85152
42.239	201.0864	0.8496
42.259	201.0864	0.8496
42.288	201.0864	0.85152
42.309	201.0864	0.85344
42.36	201.0864	0.846
42.387	201.0864	0.84216
42.409	201.0864	0.84408
42.436	201.0864	0.846
42.456	201.0864	0.84408
42.477	201.0864	0.84408
42.492	201.0864	0.84216
42.507	201.0864	0.84216
42.519	205.2841	0.846
43.412	212.0547	0.86832
43.622	212.0547	0.87024
43.718	212.0547	0.87192
43.996	215.7108	0.88128
44.083	215.7108	0.8832
44.114	215.7108	0.88512
44.164	215.7108	0.89064
44.184	215.7108	0.89256
44.201	215.7108	0.89064
44.218	215.7108	0.88872
44.24	215.7108	0.89064
44.255	215.7108	0.89064
44.271	215.7108	0.89256
44.285	215.7108	0.89256
44.344	215.7108	0.88512
44.376	215.7108	0.8796
44.39	215.7108	0.87768
44.401	215.7108	0.88128
44.413	215.7108	0.87768
44.423	215.7108	0.8796
44.432	215.7108	0.87768
44.444	215.7108	0.87576
44.453	215.7108	0.87768
44.464	215.7108	0.88128
44.496	222.4814	0.88872
44.625	222.4814	0.89256
45.184	222.4814	0.90192
45.996	225.5959	0.91872

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
26.865	189.2151	0.4527
26.885	189.2151	0.4527
26.937	189.2151	0.45846
27.998	192.91	0.4752
28.115	192.91	0.48222
28.13	192.91	0.48078
28.142	192.91	0.48078
28.159	192.91	0.47646
28.181	192.91	0.48222
28.201	192.91	0.48492
28.22	192.91	0.47646
28.25	192.91	0.48222
28.305	192.91	0.48492
28.353	192.91	0.48492
28.474	192.91	0.47934
28.495	192.91	0.47934
28.514	192.91	0.47934
28.533	192.91	0.48078
28.545	192.91	0.4779
28.556	192.91	0.4779
28.584	192.91	0.4779
28.605	192.91	0.47646
28.625	192.91	0.47934
28.678	192.91	0.48492
29.998	198.9384	0.50454
30.105	198.9384	0.5058
30.213	198.9384	0.5031
30.28	198.9384	0.51012
30.332	198.9384	0.51012
30.36	198.9384	0.51426
30.372	198.9384	0.51282
30.382	198.9384	0.51426
30.393	198.9384	0.51426
30.404	198.9384	0.5157
30.419	198.9384	0.51426
30.443	198.9384	0.51714
30.476	198.9384	0.51714
30.506	198.9384	0.51426
30.594	198.9384	0.51156
30.625	198.9384	0.51156
30.645	198.9384	0.51156
30.662	198.9384	0.51156
30.673	198.9384	0.51156
30.686	198.9384	0.51156
30.704	198.9384	0.51012
30.726	198.9384	0.51156
30.747	198.9384	0.51012
30.768	198.9384	0.51012
30.892	198.9384	0.51714
31.997	201.8554	0.53388
32.138	201.8554	0.53658
32.163	201.8554	0.53802

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
62.986	551.1156	1.6446
63.425	551.1156	1.6425
63.477	551.1156	1.64655
63.713	551.1156	1.64655
63.979	553.983	1.6506
64.174	556.9067	1.66485
64.4	556.9067	1.6668
64.717	556.9067	1.68705
64.933	556.9067	1.6911
64.998	558.9308	1.6911
65.15	561.8545	1.7073
65.223	561.8545	1.7094
65.373	564.1035	1.72965
65.444	564.1035	1.7316
65.537	564.1035	1.73565
65.772	566.9709	1.7397
66.018	566.9709	1.75185
66.252	566.9709	1.7742
66.549	566.9709	1.77825
66.765	568.6015	1.7802
67.054	569.1075	1.7985
67.253	569.1075	1.8228
67.418	569.1075	1.81875
67.431	569.1075	1.82085
67.473	569.1075	1.8168
67.687	569.1075	1.81875
67.974	569.2199	1.82085
68.169	572.1436	1.8228
68.466	572.1436	1.839
68.662	573.0432	1.84515
68.906	573.0432	1.8633
69.13	573.0432	1.8633
69.178	575.9107	1.8654
69.218	577.4288	1.88355
69.272	580.2962	1.89975
69.427	580.2962	1.90785
69.458	580.2962	1.90185
69.47	580.2962	1.9059
69.489	580.2962	1.90785
69.594	583.1637	1.9119
69.868	584.4569	1.9281
69.998	584.4569	1.9281
70.145	584.4569	1.93215
70.443	587.3243	1.95045
70.607	590.248	1.9605
70.874	590.248	1.97265
71.149	592.7219	1.9788
71.197	592.7219	1.9929
71.365	592.7219	1.9929
71.423	592.7219	1.99095
71.5	592.7219	1.995
71.805	595.5331	1.99905

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103.99	525.3785	0.9471
104.29	529.0323	0.95051
104.32	529.0323	0.95139
105.32	529.8015	0.95986
105.51	529.8015	0.96162
105.94	529.8015	0.96591
105.99	530.5708	0.96679
107.94	540.763	0.98296
107.96	540.763	0.98296
107.99	540.763	0.98472
108.68	542.8783	0.99066
108.73	542.8783	0.99154
109.34	543.6475	0.9966
109.95	543.6475	1.00265
109.99	543.6475	1.00265
110.64	549.609	1.00859
110.77	549.609	1.01035
111.39	550.1859	1.01541
111.7	550.1859	1.01882
111.77	550.1859	1.02058
111.92	550.1859	1.0197
111.94	550.1859	1.0197
111.96	550.1859	1.02058
111.99	550.1859	1.02135
112.62	556.1474	1.02652
112.63	556.1474	1.02828
112.7	556.1474	1.02828
112.78	556.1474	1.0274
113.98	556.7243	1.03851
113.99	556.7243	1.04016
114.43	556.7243	1.04357
114.67	556.7243	1.04533
115.81	556.7243	1.05732
115.93	556.7243	1.05556
115.99	558.8397	1.05809
117.28	569.2242	1.0692
117.44	569.2242	1.07096
117.99	569.2242	1.07602
119.99	573.4549	1.09395
121.99	581.5317	1.11276
122.44	581.5317	1.11793
122.77	582.3009	1.12046
123.7	582.3009	1.12981
123.77	582.3009	1.13069
123.86	582.3009	1.13069
123.94	582.3009	1.12904
123.96	582.3009	1.12816
123.97	582.3009	1.12904
123.98	582.3009	1.12904
123.99	582.3009	1.12981
125.77	582.3009	1.14785
125.89	582.3009	1.14785

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
46.07	225.5959	0.92232
46.098	225.5959	0.92424
46.13	225.5959	0.92976
46.152	225.5959	0.92616
46.179	225.5959	0.92976
46.192	225.5959	0.93528
46.205	225.5959	0.9336
46.217	225.5959	0.93168
46.228	225.5959	0.92976
46.25	225.5959	0.93168
46.273	225.5959	0.92424
46.338	225.5959	0.91872
46.347	225.5959	0.92616
46.37	225.5959	0.91872
46.381	225.5959	0.91488
46.39	225.5959	0.91488
46.4	225.5959	0.9168
46.409	225.5959	0.91488
46.415	225.5959	0.9168
46.424	225.5959	0.91296
46.432	225.5959	0.91488
46.442	225.5959	0.92424
46.473	232.5019	0.92784
47.796	239.2725	0.95784
47.963	239.2725	0.95784
47.996	239.2725	0.95952
48.168	239.2725	0.96888
48.182	239.2725	0.96888
48.2	239.2725	0.96696
48.227	239.2725	0.9708
48.259	239.2725	0.9708
48.28	239.2725	0.9708
48.3	239.2725	0.9708
48.322	239.2725	0.96888
48.391	239.2725	0.96528
48.417	239.2725	0.96696
48.438	239.2725	0.96528
48.458	239.2725	0.96696
48.474	239.2725	0.96144
48.488	239.2725	0.96144
48.5	239.2725	0.96528
48.513	239.2725	0.95952
48.528	240.762	0.96696
48.553	247.668	0.96888
48.782	247.668	0.97632
49.096	247.668	0.98016
49.996	247.668	0.99696
50.028	250.2408	1.00056
50.103	250.2408	1.0044
50.157	250.2408	1.00992
50.177	250.2408	1.00608
50.195	250.2408	1.01184

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
32.252	201.8554	0.53658
32.276	201.8554	0.53946
32.329	201.8554	0.5436
32.38	201.8554	0.5409
32.411	201.8554	0.5436
32.423	201.8554	0.54216
32.453	201.8554	0.5436
32.485	201.8554	0.5436
32.546	201.8554	0.54216
32.631	201.8554	0.5436
32.671	201.8554	0.5436
32.694	201.8554	0.54216
32.712	201.8554	0.5436
32.725	201.8554	0.5436
32.742	201.8554	0.54216
32.755	201.8554	0.5436
33.657	211.5787	0.55908
33.997	211.5787	0.56466
34.081	211.5787	0.56592
34.166	211.5787	0.56466
34.287	211.5787	0.56736
34.326	211.5787	0.5715
34.343	211.5787	0.56736
34.365	211.5787	0.57294
34.377	211.5787	0.57438
34.387	211.5787	0.57438
34.399	211.5787	0.57438
34.415	211.5787	0.57438
34.439	211.5787	0.57708
34.471	211.5787	0.57582
34.512	211.5787	0.57294
34.599	211.5787	0.5715
34.627	211.5787	0.57294
34.647	211.5787	0.5715
34.66	211.5787	0.5715
34.672	211.5787	0.57024
34.688	211.5787	0.5715
34.7	211.5787	0.57024
34.72	211.5787	0.5715
34.742	211.5787	0.57024
34.764	211.5787	0.57024
34.792	211.5787	0.57294
35.997	213.1344	0.594
36.275	213.1344	0.59814
36.302	213.1344	0.60516
36.313	213.1344	0.59958
36.336	213.1344	0.60642
36.345	213.1344	0.60516
36.354	213.1344	0.60642
36.363	213.1344	0.60516
36.373	213.1344	0.60642
36.385	213.1344	0.60642

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
72.031	595.5331	2.01525
72.278	598.4006	2.02335
72.533	598.4006	2.03955
72.727	598.4006	2.0355
72.953	598.4006	2.03745
73.404	598.4006	2.03745
73.504	601.2681	2.0415
73.599	602.7299	2.0598
73.864	605.5974	2.0739
74.088	605.5974	2.082
74.345	605.5974	2.076
74.581	605.5974	2.076
74.767	605.5974	2.0841
74.961	608.4649	2.0901
74.997	608.4649	2.10225
75.369	611.1636	2.1084
75.483	611.1636	2.1084
75.607	611.1636	2.12655
75.861	613.9749	2.1306
76.107	613.9749	2.1306
76.272	613.9749	2.1387
76.475	613.9749	2.14485
76.764	613.9749	2.16705
76.908	613.9749	2.16705
77.279	613.9749	2.16705
77.386	613.9749	2.16705
77.419	613.9749	2.16705
77.46	614.0311	2.16915
77.582	616.9548	2.1711
77.849	619.8223	2.18325
78.083	619.8223	2.1894
78.301	619.8223	2.20755
78.483	619.9347	2.20965
78.721	622.8022	2.2137
78.884	623.9267	2.23395
79.128	626.7941	2.244
79.187	626.7941	2.2461
79.217	626.7941	2.2542
79.258	626.7941	2.25615
79.426	626.7941	2.25225
79.45	626.7941	2.25615
79.465	626.7941	2.26035
79.478	629.6054	2.26635
79.52	630.9548	2.27445
79.744	630.9548	2.2947
79.997	630.9548	2.29875
80.031	630.9548	2.2968
80.278	631.0672	2.3028
80.501	633.9909	2.30085
80.726	633.9909	2.319
80.943	633.9909	2.319
81.125	633.9909	2.34135

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
125.99	588.0701	1.1495
126.73	588.0701	1.15808
126.85	588.0701	1.1572
127.83	588.0701	1.16655
127.89	588.647	1.16743
127.99	595.3777	1.16743
129.72	595.3777	1.18448
129.91	595.3777	1.18536
129.99	595.3777	1.18624
130.82	605.5699	1.19394
130.83	605.5699	1.19482
131.61	606.3391	1.20076
131.69	606.3391	1.20241
131.87	606.3391	1.20505
131.92	606.3391	1.20329
131.94	606.916	1.20241
131.96	606.916	1.20417
131.99	606.916	1.20417
132.47	607.6852	1.20923
132.88	607.6852	1.21275
133.48	608.4545	1.21957
133.73	608.4545	1.22122
133.79	608.4545	1.2221
133.92	608.4545	1.2221
133.99	608.4545	1.22298
135.99	611.916	1.24179
137.79	611.916	1.25884
137.94	612.4929	1.25884
137.99	617.1082	1.25884
139.99	621.3389	1.27842
140.56	621.3389	1.28359
140.83	622.1082	1.28524
141.57	622.1082	1.29294
141.92	622.6851	1.29635
141.99	622.6851	1.29635
143.79	622.6851	1.31263
143.82	622.6851	1.31351
143.86	622.6851	1.31516
143.91	622.6851	1.31516
143.95	622.6851	1.31263
143.96	622.6851	1.31263
143.98	622.6851	1.31263
143.99	622.6851	1.31263
143.99	624.8004	1.31263
145.8	624.8004	1.33144
145.91	625.3774	1.33221
145.99	631.3388	1.33309
147.78	631.3388	1.35025
147.9	631.9157	1.35102
147.99	634.2234	1.35102
149.77	634.2234	1.36895
149.92	634.8003	1.36818

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
50.207	250.2408	1.00992
50.229	250.2408	1.00992
50.252	250.2408	1.01352
50.266	250.2408	1.00992
50.279	250.2408	1.01352
50.299	250.2408	1.00992
50.339	250.2408	1.00992
50.367	250.2408	1.00056
50.379	250.2408	1.0044
50.389	250.2408	1.00248
50.406	250.2408	0.99864
50.417	250.2408	1.00056
50.428	250.2408	0.99864
50.439	250.2408	0.99864
50.45	250.2408	0.99864
50.46	250.2408	0.99696
50.469	250.2408	1.00056
50.479	250.2408	1.00248
50.498	257.0114	1.008
50.882	257.0114	1.01544
51.094	257.0114	1.02288
51.996	257.0114	1.03776
52.162	257.0114	1.05096
52.174	257.0114	1.04904
52.185	257.0114	1.05096
52.203	257.0114	1.04904
52.223	257.0114	1.05288
52.24	257.0114	1.05096
52.256	257.0114	1.05288
52.274	257.0114	1.05096
52.295	257.0114	1.05288
52.317	257.0114	1.04352
52.384	257.0114	1.0416
52.405	257.0114	1.04352
52.424	257.0114	1.0452
52.44	257.0114	1.0416
52.452	257.0114	1.0416
52.464	257.0114	1.03776
52.474	257.0114	1.03776
52.484	257.0114	1.03776
52.492	257.0114	1.0416
52.5	257.0114	1.0416
52.513	263.2403	1.04352
52.529	270.1463	1.05096
52.686	270.1463	1.05456
53.438	270.1463	1.06776
53.884	270.1463	1.07688
53.993	270.1463	1.07688
53.996	270.1463	1.07688
54.101	270.1463	1.08624
54.12	270.1463	1.08456
54.161	270.1463	1.092

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
36.414	213.1344	0.60642
36.436	213.1344	0.60516
36.543	213.1344	0.59958
36.556	213.1344	0.60084
36.575	213.1344	0.60084
36.587	213.1344	0.59958
36.604	213.1344	0.60084
36.615	213.1344	0.59958
36.626	213.1344	0.59958
36.648	213.1344	0.59814
36.668	213.1344	0.59814
36.688	213.1344	0.59814
36.729	213.1344	0.60642
37.997	218.385	0.6246
38.188	218.385	0.63306
38.201	218.385	0.62892
38.218	218.385	0.63162
38.24	218.385	0.63306
38.251	218.385	0.63018
38.31	218.385	0.62892
38.331	218.385	0.63306
38.343	218.385	0.63594
38.36	218.385	0.63594
38.392	218.385	0.6345
38.416	218.385	0.6345
38.511	218.385	0.63018
38.541	218.385	0.63162
38.563	218.385	0.62892
38.58	218.385	0.63018
38.591	218.385	0.63018
38.603	218.385	0.62892
38.614	218.385	0.62892
38.633	218.385	0.62892
38.654	218.385	0.62748
38.674	218.385	0.62748
38.696	218.385	0.63162
39.424	227.3304	0.64566
39.997	227.3304	0.65394
40.198	227.3304	0.66096
40.269	227.3304	0.65682
40.316	227.3304	0.66096
40.329	227.3304	0.66096
40.358	227.3304	0.66384
40.371	227.3304	0.66384
40.388	227.3304	0.66528
40.399	227.3304	0.66384
40.411	227.3304	0.66384
40.441	227.3304	0.66384
40.483	227.3304	0.66528
40.613	227.3304	0.6624
40.641	227.3304	0.66096
40.66	227.3304	0.6624

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
81.194	633.9909	2.33925
81.405	633.9909	2.3454
81.462	633.9909	2.34135
81.504	633.9909	2.3454
81.751	633.9909	2.33925
81.885	633.9909	2.33925
82.131	633.9909	2.34135
82.406	633.9909	2.3433
82.561	636.8584	2.3514
82.786	636.8584	2.3616
83	638.2078	2.3676
83.233	638.2078	2.3676
83.351	638.2078	2.37375
83.402	638.2078	2.3757
83.464	638.2078	2.3778
83.565	638.2078	2.3838
83.841	638.2078	2.38185
84.024	638.2078	2.3859
84.27	638.2078	2.3859
84.394	641.019	2.38785
84.62	642.3122	2.40615
84.814	642.3122	2.42835
84.99	642.3122	2.42835
84.997	642.3122	2.4324
85.407	642.3684	2.43045
85.45	645.2921	2.4405
85.594	645.4608	2.4486
85.828	648.3282	2.46285
86.003	648.3282	2.46285
86.218	648.3282	2.4669
86.423	648.3282	2.4648
86.616	648.3282	2.475
86.882	651.1395	2.481
87.037	651.1395	2.49315
87.214	651.1395	2.5134
87.247	651.1957	2.5155
87.407	654.1194	2.51745
87.425	656.9869	2.5296
87.446	656.9869	2.5377
87.476	657.4929	2.54175
87.581	657.4929	2.55795
87.795	657.4929	2.55795
88	660.3041	2.56605
88.142	660.3041	2.58225
88.15	663.0591	2.6046
88.152	663.0591	2.6046
88.167	663.0591	2.6046
88.179	663.0591	2.6046
88.197	663.0591	2.6025
88.208	663.0591	2.6025
88.219	663.0591	2.60055
88.229	663.0591	2.6025

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
149.99	634.8003	1.36983
151.14	644.4156	1.38006
151.17	644.4156	1.38094
151.92	644.4156	1.38688
151.99	644.4156	1.38688
152.23	644.4156	1.39029
152.7	644.4156	1.39546
153.29	644.4156	1.39975
153.96	644.4156	1.40745
153.99	644.4156	1.40657
154.48	644.4156	1.41174
154.7	644.4156	1.41339
155.77	644.4156	1.42362
155.79	644.4156	1.4245
155.82	644.4156	1.42538
155.85	644.4156	1.42538
155.88	644.4156	1.42538
155.95	644.4156	1.42274
155.97	644.4156	1.42274
155.98	644.4156	1.42197
155.99	644.4156	1.42274
156	644.4156	1.42362
156.04	646.3386	1.4245
157.76	646.3386	1.44243
157.81	646.3386	1.44067
157.93	646.3386	1.4399
157.94	646.9156	1.44155
157.99	646.9156	1.44243
159.77	646.9156	1.46036
159.82	646.9156	1.46036
159.9	646.9156	1.46036
159.93	646.9156	1.45871
159.99	646.9156	1.46124
161.68	646.9156	1.47829
161.77	646.9156	1.47829
161.81	646.9156	1.47741
161.92	646.9156	1.47917
161.95	646.9156	1.47664
161.96	646.9156	1.47741
161.99	650.3771	1.47917
163.68	650.3771	1.49622
163.94	650.954	1.4971
163.99	650.954	1.49798
164	650.954	1.49963
164	650.954	1.49963
164.03	650.954	1.49963
164.06	650.954	1.49963
164.09	650.954	1.49963
164.23	650.954	1.49875
164.25	650.954	1.49963
164.26	650.954	1.49875
164.28	650.954	1.49963

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
54.172	270.1463	1.09008
54.187	270.1463	1.09008
54.201	270.1463	1.09368
54.214	270.1463	1.09368
54.231	270.1463	1.09368
54.244	270.1463	1.09368
54.26	270.1463	1.09008
54.282	270.1463	1.092
54.305	270.1463	1.08816
54.332	270.1463	1.08456
54.359	270.1463	1.08072
54.366	270.1463	1.0788
54.374	270.1463	1.0788
54.385	270.1463	1.08072
54.392	270.1463	1.07688
54.403	270.1463	1.07688
54.411	270.1463	1.0752
54.419	270.1463	1.07328
54.425	270.1463	1.07688
54.432	270.1463	1.07688
54.441	270.1463	1.0788
54.451	276.3753	1.08456
55.157	276.3753	1.10688
55.236	276.3753	1.10688
55.352	276.3753	1.10304
55.387	276.3753	1.10304
55.53	283.1459	1.10856
55.615	283.1459	1.1124
55.692	283.1459	1.11624
55.995	283.1459	1.11984
56.087	283.1459	1.12728
56.12	283.1459	1.12536
56.187	283.1459	1.12728
56.2	283.1459	1.1292
56.219	283.1459	1.1292
56.24	283.1459	1.13112
56.26	283.1459	1.1292
56.281	283.1459	1.1328
56.307	283.1459	1.1292
56.338	283.1459	1.13112
56.388	283.1459	1.12368
56.4	283.1459	1.12368
56.418	283.1459	1.12176
56.43	283.1459	1.11984
56.435	283.1459	1.12536
56.437	283.1459	1.12536
56.44	283.1459	1.12536
56.456	283.1459	1.12176
56.465	283.1459	1.11792
56.478	283.1459	1.11984
56.489	288.8331	1.12368
56.51	295.7391	1.13112

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
40.672	227.3304	0.6624
40.685	227.3304	0.66096
40.7	227.3304	0.6624
40.71	227.3304	0.6624
40.724	227.3304	0.66096
40.751	227.3304	0.66096
40.769	227.3304	0.6597
40.805	227.3304	0.66654
41.997	235.498	0.68328
42.133	235.498	0.68202
42.189	235.498	0.68904
42.327	235.498	0.68904
42.369	235.498	0.69462
42.389	235.498	0.69318
42.408	235.498	0.69462
42.423	235.498	0.69318
42.438	235.498	0.69462
42.45	235.498	0.69462
42.469	235.498	0.69462
42.489	235.498	0.69588
42.511	235.498	0.69588
42.572	235.498	0.69588
42.743	235.498	0.69318
42.763	235.498	0.69462
42.784	235.498	0.69318
42.801	235.498	0.69462
42.814	235.498	0.69462
42.83	235.498	0.69462
42.842	235.498	0.69318
42.855	235.498	0.69318
42.876	235.498	0.69318
42.895	235.498	0.69174
42.926	235.498	0.69588
43.996	237.0537	0.71406
44.208	237.0537	0.71838
44.221	237.0537	0.72252
44.26	237.0537	0.71136
44.28	237.0537	0.71694
44.376	237.0537	0.72252
44.414	237.0537	0.72252
44.438	237.0537	0.72396
44.469	237.0537	0.72396
44.507	237.0537	0.72396
44.571	237.0537	0.72396
44.577	237.0537	0.72252
44.579	237.0537	0.72396
44.73	237.0537	0.72396
44.75	237.0537	0.72252
44.769	237.0537	0.72252
44.782	237.0537	0.72396
44.796	237.0537	0.72396
44.808	237.0537	0.72252

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
88.239	663.0591	2.6025
88.249	665.9828	2.6127
88.26	665.9828	2.61675
88.27	665.9828	2.62275
88.28	666.264	2.6268
88.29	666.264	2.64705
88.3	666.264	2.643
88.31	666.264	2.6451
88.32	666.3764	2.64915
88.331	666.3764	2.6511
88.34	666.3764	2.6592
88.351	666.3764	2.66535
88.364	667.782	2.67945
88.403	667.782	2.68155
88.513	667.782	2.6916
88.542	670.5933	2.70585
88.562	670.5933	2.7078
88.575	670.5933	2.7078
88.59	670.5933	2.73225
88.598	670.5933	2.7342
88.606	671.268	2.7342
88.614	671.268	2.7525
88.622	673.8543	2.7666
88.63	673.8543	2.7687
88.635	673.8543	2.7747
88.642	673.8543	2.7747
88.647	673.8543	2.7768
88.653	676.6655	2.78895
88.657	676.6655	2.79705
88.664	676.6655	2.79495
88.668	676.6655	2.799
88.674	676.6655	2.81925
88.679	676.6655	2.8173
88.686	676.6655	2.82135
88.696	676.6655	2.82135
88.737	679.1957	2.82135
89.116	682.1193	2.8254
89.413	682.1193	2.8254
89.445	682.1193	2.83755
89.69	682.1193	2.8395
89.823	682.1193	2.8395
89.997	682.1193	2.86185
90.171	682.1193	2.8638
90.354	683.8623	2.8638
90.632	685.9426	2.88405
90.735	685.9426	2.89215
90.99	685.9426	2.90025
91.114	685.9426	2.9043
91.159	685.9426	2.9064
91.19	685.9426	2.9043
91.348	685.9426	2.90835
91.371	688.6977	2.9226

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
164.3	650.954	1.49963
165.68	650.954	1.51503
165.89	650.954	1.51503
165.99	653.0693	1.51668
167.77	653.0693	1.53472
167.81	653.0693	1.53296
167.9	653.0693	1.53208
167.93	653.8386	1.53296
167.99	653.8386	1.53472
169.67	653.8386	1.55089
169.93	653.8386	1.55089
169.99	655.1847	1.5543
171.47	655.1847	1.56717
171.79	655.1847	1.5697
171.89	655.1847	1.5697
171.94	655.7616	1.57135
171.99	655.7616	1.57135
173.34	662.3	1.58334
173.54	662.3	1.58587
173.77	662.3	1.58851
173.8	662.3	1.58928
173.83	662.3	1.58851
173.95	662.3	1.58675
173.97	662.3	1.58763
173.98	662.3	1.58763
173.99	662.3	1.58851
174.53	662.3	1.59533
174.64	662.3	1.59445
175.37	662.3	1.60303
175.54	662.3	1.60468
175.69	662.3	1.60556
175.94	662.3	1.60644
175.99	662.3	1.60897
177.41	662.3	1.62173
177.93	662.3	1.62602
177.99	662.3	1.6269
179.63	662.3	1.6423
179.95	662.3	1.64318
179.99	662.3	1.64483
181.26	662.3	1.65682
181.78	662.3	1.66276
181.88	662.3	1.66111
181.92	662.3	1.66188
181.99	662.3	1.66364
182.18	662.3	1.66529
182.72	662.3	1.6687
183.06	662.3	1.67299
183.76	662.3	1.68069
183.8	662.3	1.67981
183.84	662.3	1.67981
183.9	662.3	1.67981
183.93	662.3	1.67981

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
56.56	295.7391	1.1328
56.875	295.7391	1.13856
56.932	295.7391	1.13472
57.007	295.7391	1.14216
57.135	295.7391	1.14408
57.199	295.7391	1.14216
57.224	295.7391	1.14408
57.465	295.7391	1.14768
57.55	295.7391	1.15704
57.631	295.7391	1.15152
57.712	295.7391	1.1496
57.925	295.7391	1.15704
57.995	295.7391	1.15704
58.065	295.7391	1.1664
58.092	295.7391	1.1664
58.104	295.7391	1.17024
58.115	295.7391	1.16448
58.145	295.7391	1.16832
58.166	295.7391	1.17192
58.181	295.7391	1.17024
58.193	295.7391	1.17192
58.209	295.7391	1.17384
58.223	295.7391	1.17024
58.235	295.7391	1.17024
58.255	295.7391	1.17024
58.316	295.7391	1.16448
58.346	295.7391	1.15704
58.355	295.7391	1.15704
58.362	295.7391	1.15896
58.37	295.7391	1.15896
58.379	295.7391	1.15536
58.387	295.7391	1.15152
58.395	295.7391	1.15344
58.402	295.7391	1.15152
58.408	295.7391	1.15152
58.415	295.7391	1.15704
58.421	295.7391	1.15704
58.429	297.7703	1.1628
58.445	304.5409	1.1664
58.545	304.5409	1.17024
58.574	304.5409	1.17384
58.657	304.5409	1.17576
58.72	304.5409	1.16832
58.734	304.5409	1.17384
58.943	304.5409	1.17936
58.994	304.5409	1.17936
59.04	304.5409	1.17936
59.173	304.5409	1.18128
59.187	304.5409	1.17936
59.205	304.5409	1.17936
59.258	304.5409	1.18512
59.509	304.5409	1.18872

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
44.817	237.0537	0.72396
44.829	237.0537	0.72252
44.995	245.9991	0.7281
45.996	245.9991	0.74484
46.036	250.4718	0.7434
46.137	250.4718	0.74484
46.215	250.4718	0.75042
46.341	250.4718	0.7533
46.36	250.4718	0.7533
46.375	250.4718	0.7533
46.392	250.4718	0.7533
46.405	250.4718	0.75456
46.423	250.4718	0.75456
46.434	250.4718	0.756
46.444	250.4718	0.75456
46.456	250.4718	0.75456
46.473	250.4718	0.756
46.495	250.4718	0.756
46.537	250.4718	0.756
46.676	250.4718	0.75186
46.706	250.4718	0.7533
46.724	250.4718	0.75186
46.735	250.4718	0.7533
46.746	250.4718	0.75186
46.757	250.4718	0.75186
46.768	250.4718	0.75186
46.78	250.4718	0.75186
46.797	250.4718	0.75186
46.818	250.4718	0.75042
46.838	250.4718	0.75186
46.921	250.4718	0.75744
47.996	255.7224	0.77418
48.178	255.7224	0.7812
48.217	255.7224	0.7812
48.247	255.7224	0.7812
48.327	255.7224	0.78264
48.341	255.7224	0.78264
48.362	255.7224	0.78264
48.381	255.7224	0.78264
48.399	255.7224	0.7839
48.411	255.7224	0.7839
48.43	255.7224	0.7839
48.46	255.7224	0.78534
48.515	255.7224	0.78678
48.642	255.7224	0.78264
48.663	255.7224	0.78264
48.684	255.7224	0.78264
48.701	255.7224	0.78264
48.712	255.7224	0.7812
48.723	255.7224	0.7812
48.734	255.7224	0.7812
48.744	255.7224	0.7812

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
91.409	688.6977	2.92455
91.514	688.6977	2.92665
91.696	688.6977	2.9286
91.922	688.6977	2.95095
92.097	688.6977	2.95095
92.314	691.2278	2.9529
92.516	691.2278	2.9712
92.673	691.2278	2.9772
92.918	691.2278	2.9772
93.062	691.2278	2.9934
93.197	691.2278	2.99145
93.269	691.2278	2.99145
93.371	691.2278	2.9955
93.396	693.3643	2.99745
93.408	693.3643	3.0096
93.461	693.3643	3.01575
93.643	693.3643	3.036
93.817	693.3643	3.036
94.014	694.7137	3.04005
94.186	694.7137	3.0603
94.341	695.782	3.06225
94.514	695.782	3.07845
94.638	695.782	3.0765
94.954	695.782	3.08055
94.997	695.782	3.08055
95.176	696.7378	3.10485
95.226	696.7378	3.10275
95.276	696.7378	3.1068
95.405	696.7378	3.12105
95.426	696.7378	3.123
95.444	696.7378	3.12105
95.454	696.7378	3.1251
95.467	699.549	3.12705
95.498	700.0551	3.14535
95.61	700.0551	3.15345
95.667	700.0551	3.1554
95.786	700.0551	3.1656
95.916	700.0551	3.1656
96.082	700.0551	3.1716
96.296	700.0551	3.16755
96.554	700.0551	3.18795
96.839	702.529	3.192
96.962	702.529	3.2082
97.014	702.529	3.21225
97.181	705.3402	3.2142
97.343	705.6213	3.23445
97.394	705.6213	3.2406
97.414	705.6213	3.24255
97.658	705.6213	3.25275
97.834	705.6213	3.25275
97.894	705.6213	3.2547
98.151	705.6213	3.2568

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.95	662.3	1.67904
183.96	662.3	1.67981
183.97	662.3	1.67981
183.99	662.3	1.67981
185.74	662.3	1.69774
185.78	662.3	1.69862
185.86	662.3	1.6995
185.91	662.3	1.69774
185.92	662.3	1.69774
185.93	662.3	1.69774
185.98	662.3	1.6995
186.4	662.3	1.70379
186.57	662.3	1.70456
187.66	662.3	1.71567
187.77	662.3	1.71655
187.91	662.3	1.71655
187.94	662.3	1.71655
187.98	662.3	1.71831
189.42	662.3	1.73107
189.8	662.3	1.73536
189.9	662.3	1.73448
189.98	662.3	1.73712
191.74	662.3	1.75417
191.77	662.3	1.75417
191.81	662.3	1.75241
191.86	662.3	1.75417
191.9	662.3	1.75241
191.92	662.3	1.75164
191.93	662.3	1.75241
191.94	662.3	1.75241
191.98	662.3	1.75505
193.73	662.3	1.77122
193.76	662.3	1.7721
193.8	662.3	1.7721
193.84	662.3	1.77298
193.92	662.3	1.77034
193.94	662.3	1.77122
193.95	662.3	1.77034
193.98	662.3	1.77298
195.64	662.3	1.78827
195.92	662.3	1.79003
195.98	662.3	1.79168
196.13	662.3	1.79344
197.75	662.3	1.80796
197.86	662.3	1.80884
197.98	662.3	1.81049
199.7	662.3	1.82589
199.74	662.3	1.82754
199.9	662.3	1.82501
199.93	662.3	1.82677
199.98	662.3	1.82842

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
59.556	304.5409	1.18872
59.995	304.5409	1.2
60.091	304.5409	1.20192
60.11	304.5409	1.2036
60.131	304.5409	1.20744
60.143	304.5409	1.20552
60.161	304.5409	1.20936
60.176	304.5409	1.20936
60.193	304.5409	1.2036
60.213	304.5409	1.20936
60.232	304.5409	1.21104
60.246	304.5409	1.20936
60.266	304.5409	1.21104
60.307	304.5409	1.20552
60.35	304.5409	1.19808
60.36	304.5409	1.2036
60.364	304.5409	1.2036
60.376	304.5409	1.20552
60.385	304.5409	1.19616
60.399	304.5409	1.20192
60.406	304.5409	1.2036
60.417	304.5409	1.19448
60.425	304.5409	1.19256
60.432	304.5409	1.19808
60.438	304.5409	1.19808
60.445	304.5409	1.19448
60.454	305.4888	1.19616
60.463	312.3948	1.20552
60.768	312.3948	1.21488
60.807	312.3948	1.2168
60.869	312.3948	1.2168
60.977	312.3948	1.21872
61	312.3948	1.21296
61.019	312.3948	1.21488
61.545	312.3948	1.23168
61.624	312.3948	1.23168
61.661	319.1654	1.22976
61.885	319.1654	1.24656
61.904	319.1654	1.24272
61.995	319.1654	1.24272
62.022	319.1654	1.2372
62.089	319.1654	1.24656
62.1	319.1654	1.24848
62.11	319.1654	1.25016
62.128	319.1654	1.24848
62.14	319.1654	1.24848
62.158	319.1654	1.25016
62.17	319.1654	1.25016
62.187	319.1654	1.25016
62.201	319.1654	1.25016
62.214	319.1654	1.25016
62.231	319.1654	1.25208

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
48.755	255.7224	0.77976
48.775	255.7224	0.77976
48.794	255.7224	0.77976
48.826	255.7224	0.78534
49.996	260.1951	0.80496
50.195	260.1951	0.81054
50.212	260.1951	0.81342
50.225	260.1951	0.81054
50.267	260.1951	0.81198
50.283	260.1951	0.81198
50.298	260.1951	0.81468
50.306	260.1951	0.81612
50.316	260.1951	0.82026
50.327	260.1951	0.81198
50.337	260.1951	0.81468
50.356	260.1951	0.81612
50.385	260.1951	0.81612
50.408	260.1951	0.81342
50.505	260.1951	0.81054
50.526	260.1951	0.8091
50.538	260.1951	0.81054
50.555	260.1951	0.8091
50.567	260.1951	0.8091
50.577	260.1951	0.8091
50.588	260.1951	0.80766
50.599	260.1951	0.80766
50.609	260.1951	0.8091
50.628	260.1951	0.80766
50.648	260.1951	0.80766
50.668	260.1951	0.81054
50.71	260.1951	0.81468
51.871	269.9184	0.83142
51.996	269.9184	0.83574
52.07	269.9184	0.83574
52.086	269.9184	0.83574
52.122	269.9184	0.83574
52.16	269.9184	0.83718
52.281	269.9184	0.83988
52.3	269.9184	0.84276
52.371	269.9184	0.83844
52.471	269.9184	0.84132
53.996	275.169	0.86508
54.118	275.169	0.8721
54.127	275.169	0.86652
54.18	275.169	0.86778
54.262	275.169	0.86778
54.267	275.169	0.86922
54.354	275.169	0.87066
54.533	275.169	0.87066
54.594	275.169	0.87336
55.995	282.7531	0.89442
56.098	282.7531	0.89298

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
98.305	705.6213	3.27495
98.5	708.1514	3.27705
98.57	708.1514	3.279
98.816	708.1514	3.2871
99.02	708.1514	3.29325
99.115	708.1514	3.29325
99.167	708.1514	3.29925
99.223	708.1514	3.30135
99.368	708.1514	3.31755
99.386	710.2318	3.32565
99.41	710.2318	3.3297
99.595	710.2318	3.3357
99.758	710.2318	3.3357
99.892	710.2318	3.3357
99.997	710.2318	3.3438
100.05	710.2318	3.3438
100.27	711.4125	3.3621
100.46	711.4125	3.3843
100.59	711.5249	3.3843
100.85	714.3924	3.38835
100.94	715.0671	3.40455
101.28	715.0671	3.4086
101.41	715.0671	3.4188
101.46	715.0671	3.43095
101.62	715.0671	3.4248
101.79	715.0671	3.4248
101.94	715.0671	3.42885
102.05	715.4607	3.44715
102.36	715.4607	3.47145
102.54	715.4607	3.4653
102.69	715.4607	3.4674
102.8	715.5169	3.4755
103.02	715.5169	3.47145
103.1	715.5169	3.47145
103.16	718.4406	3.4755
103.19	718.4406	3.4815
103.23	718.4406	3.4836
103.39	718.4406	3.49365
103.42	720.2398	3.50175
103.43	720.2398	3.50175
103.44	720.2398	3.51795
103.5	720.2398	3.51195
103.59	720.2398	3.52005
103.69	720.2398	3.53625
103.95	720.2398	3.55845
104.08	720.2398	3.5544
104.26	720.2398	3.55845
104.4	720.2398	3.56055
104.56	721.4767	3.56865
104.83	721.4767	3.5706
104.97	721.4767	3.591
105	721.4767	3.6012

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
62.251	319.1654	1.25016
62.34	319.1654	1.23528
62.35	319.1654	1.23528
62.358	319.1654	1.23528
62.362	319.1654	1.23168
62.369	319.1654	1.23528
62.376	319.1654	1.24104
62.383	319.1654	1.23528
62.393	319.1654	1.2336
62.399	319.1654	1.23912
62.407	319.1654	1.23168
62.413	319.1654	1.23528
62.42	319.1654	1.2372
62.438	321.1965	1.24272
62.461	327.9671	1.24464
62.552	327.9671	1.24848
62.581	327.9671	1.25208
62.643	327.9671	1.25952
62.75	327.9671	1.25016
62.798	327.9671	1.25784
62.843	327.9671	1.26144
62.89	327.9671	1.254
63.249	327.9671	1.26336
63.298	327.9671	1.26696
63.368	327.9671	1.2744
63.379	327.9671	1.26696
63.405	327.9671	1.26336
63.455	327.9671	1.26528
63.476	327.9671	1.26888
63.668	327.9671	1.27272
63.723	327.9671	1.2708
63.77	327.9671	1.27272
63.786	327.9671	1.2708
63.918	334.7377	1.28016
63.931	334.7377	1.28016
63.944	334.7377	1.27632
63.995	334.7377	1.2876
64.072	334.7377	1.28376
64.085	334.7377	1.2876
64.095	334.7377	1.28952
64.105	334.7377	1.28952
64.116	334.7377	1.2912
64.126	334.7377	1.2912
64.136	334.7377	1.28952
64.149	334.7377	1.2876
64.166	334.7377	1.2912
64.179	334.7377	1.2912
64.191	334.7377	1.28376
64.251	334.7377	1.28376
64.297	334.7377	1.28376
64.315	334.7377	1.27632
64.323	334.7377	1.28184

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
56.192	282.7531	0.89586
56.259	282.7531	0.9
56.298	282.7531	0.9027
56.335	282.7531	0.9027
56.35	282.7531	0.90144
56.369	282.7531	0.9027
56.389	282.7531	0.9027
56.402	282.7531	0.9027
56.421	282.7531	0.90414
56.439	282.7531	0.90414
56.46	282.7531	0.90414
56.482	282.7531	0.90414
56.512	282.7531	0.90414
56.576	282.7531	0.90558
56.714	282.7531	0.90414
56.744	282.7531	0.9027
56.763	282.7531	0.90414
56.776	282.7531	0.9027
56.791	282.7531	0.90414
56.803	282.7531	0.90414
56.814	282.7531	0.9027
56.825	282.7531	0.9027
56.835	282.7531	0.9027
56.846	282.7531	0.90144
56.864	282.7531	0.9
56.878	282.7531	0.9027
56.909	282.7531	0.90702
57.995	287.2258	0.92376
58.316	287.2258	0.93204
58.348	287.2258	0.93204
58.369	287.2258	0.93348
58.391	287.2258	0.93204
58.411	287.2258	0.93204
58.43	287.2258	0.93348
58.453	287.2258	0.93204
58.479	287.2258	0.93348
58.501	287.2258	0.93492
58.532	287.2258	0.93492
58.564	287.2258	0.93492
58.634	287.2258	0.93492
58.721	287.2258	0.93492
58.742	287.2258	0.93636
58.769	287.2258	0.93492
58.783	287.2258	0.93348
58.799	287.2258	0.93492
58.809	287.2258	0.93348
58.822	287.2258	0.93348
58.832	287.2258	0.93348
58.844	287.2258	0.93204
58.853	287.2258	0.93204
58.864	287.2258	0.93204
58.894	287.2258	0.93492

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
105.1	721.4767	3.63135
105.16	721.4767	3.76275
105.21	721.4767	3.7956
105.38	722.4325	3.82665
105.4	722.4325	3.83805
105.45	722.4325	3.86205
105.49	722.4325	3.93135
105.69	722.4325	3.9408
105.78	722.4325	3.9528
105.91	722.4325	3.96675
106.12	722.4325	3.97695
106.37	722.4325	4.05915
106.44	722.4325	4.0716
106.72	722.4325	4.0827
106.92	722.4325	4.09395
107.06	724.9064	4.10625
107.22	724.9064	4.1175
107.31	724.9064	4.17165
107.35	724.9064	4.17675
107.4	724.9064	4.22145
107.45	724.9064	4.23135
107.57	724.9064	4.36005
107.79	724.9064	4.36785
107.97	724.9064	4.37115
108.14	724.9064	4.39635
108.24	724.9064	4.3977
108.54	724.9064	4.3995
108.61	725.3	4.4025
108.77	725.3	4.48635
108.91	197.6543	1.5757
109.05	198.1281	1.5771
109.14	198.1281	1.5811
109.16	198.1281	1.5798
109.2	198.1281	1.5811
109.31	198.1281	1.5798
109.34	198.1281	1.5798
109.37	198.1281	1.5811
109.4	198.5837	1.5838
109.47	199.0666	1.5825
109.58	199.5313	1.5852
109.75	200.0051	1.5879
109.9	200.4698	1.5892
110	200.5336	1.5906
110.12	200.9983	1.5946
110.32	201.4721	1.5946
110.44	201.9459	1.5973
110.59	202.4198	1.5987
110.77	202.8845	1.6027
110.93	203.3492	1.6054
111.09	203.823	1.6068
111.2	203.823	1.6108
111.32	203.823	1.6108

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
64.332	334.7377	1.28376
64.346	334.7377	1.28184
64.358	334.7377	1.28184
64.367	334.7377	1.27632
64.377	334.7377	1.28376
64.386	334.7377	1.27632
64.395	334.7377	1.27272
64.4	334.7377	1.27272
64.406	334.7377	1.27632
64.413	334.7377	1.28016
64.42	334.7377	1.2744
64.438	338.3938	1.28568
64.61	338.3938	1.29696
64.628	338.3938	1.29504
64.664	338.3938	1.29504
64.698	338.3938	1.29696
64.712	338.3938	1.29696
64.777	338.3938	1.29312
64.852	338.3938	1.2912
64.861	338.3938	1.29312
64.878	338.3938	1.2912
64.907	338.3938	1.29504
64.946	338.3938	1.29864
65.098	338.3938	1.29696
65.192	338.3938	1.30056
65.24	338.3938	1.30056
65.345	338.3938	1.31352
65.366	338.3938	1.30992
65.377	338.3938	1.308
65.401	338.3938	1.30992
65.473	338.3938	1.31352
65.49	338.3938	1.308
65.528	338.3938	1.308
65.576	338.3938	1.31352
65.6	338.3938	1.308
65.609	338.3938	1.3044
65.619	338.3938	1.31184
65.638	338.3938	1.30992
65.67	345.1644	1.30992
65.694	345.1644	1.30992
65.791	345.1644	1.31928
65.869	345.1644	1.31544
65.899	345.1644	1.31544
65.938	345.1644	1.31352
65.963	345.1644	1.31544
65.974	345.1644	1.32288
65.995	345.1644	1.31544
66.06	345.1644	1.33032
66.065	345.1644	1.33032
66.073	345.1644	1.33032
66.081	345.1644	1.33032
66.088	345.1644	1.33224

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
59.995	292.2819	0.95454
60.302	292.2819	0.96138
60.321	292.2819	0.96426
60.335	292.2819	0.96282
60.347	292.2819	0.96426
60.359	292.2819	0.96426
60.371	292.2819	0.96282
60.378	292.2819	0.96426
60.392	292.2819	0.96426
60.399	292.2819	0.9657
60.409	292.2819	0.9657
60.417	292.2819	0.96426
60.434	292.2819	0.9657
60.458	292.2819	0.9657
60.587	292.2819	0.96138
60.606	292.2819	0.96138
60.624	292.2819	0.96138
60.636	292.2819	0.96012
60.647	292.2819	0.96138
60.658	292.2819	0.96138
60.668	292.2819	0.96012
60.679	292.2819	0.96012
60.688	292.2819	0.96012
60.703	292.2819	0.96138
60.724	292.2819	0.96012
60.738	292.2819	0.96012
60.77	292.2819	0.96426
61.909	302.0052	0.98388
61.995	302.0052	0.98514
62.113	302.0052	0.98658
62.148	302.0052	0.98802
62.22	302.0052	0.9909
62.236	302.0052	0.98658
62.351	302.0052	0.99216
62.383	302.0052	0.9936
62.432	302.0052	0.9936
62.466	302.0052	0.9936
62.623	302.0052	0.9909
62.644	302.0052	0.9909
62.662	302.0052	0.99216
62.675	302.0052	0.99216
63.239	305.8945	1.00332
63.995	305.8945	1.01466
64.181	312.5064	1.01466
64.226	312.5064	1.01736
64.26	312.5064	1.01736
64.309	312.5064	1.0188
64.341	312.5064	1.02294
64.357	312.5064	1.02294
64.369	312.5064	1.02294
64.388	312.5064	1.02294
64.402	312.5064	1.02294

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.36	204.2877	1.6108
111.45	204.7615	1.6122
111.57	205.2353	1.6135
111.66	205.7	1.6149
111.85	206.1647	1.6189
112.01	206.6385	1.6203
112.13	207.1124	1.623
112.35	207.5771	1.6257
112.59	208.0509	1.627
112.63	208.5156	1.6297
112.8	208.9894	1.6324
112.98	209.4541	1.6338
113.09	209.9279	1.6365
113.16	209.9279	1.6378
113.28	209.9279	1.6378
113.38	210.3926	1.6392
113.4	210.8664	1.6405
113.54	211.3403	1.6419
113.67	211.805	1.6446
113.88	212.2697	1.6473
114.01	212.7435	1.65
114.33	213.2082	1.654
114.39	213.682	1.654
114.68	214.1467	1.6581
114.79	214.6114	1.6608
114.86	215.0852	1.6621
115	215.3039	1.6635
115.05	215.7777	1.6648
115.18	215.7777	1.6675
115.31	215.7777	1.6662
115.44	216.2333	1.6702
115.47	216.7071	1.6702
115.61	217.181	1.6716
115.79	217.6548	1.6743
115.88	218.1195	1.6756
116.08	218.5842	1.6797
116.2	219.058	1.681
116.37	219.5227	1.6837
116.59	219.9965	1.6851
116.7	220.4612	1.6878
116.85	220.935	1.6905
117.02	221.3997	1.6932
117.17	221.3997	1.6959
117.22	221.3997	1.6959
117.34	221.3997	1.6959
117.36	221.3997	1.6972
117.38	221.8553	1.6999
117.43	222.3383	1.6972
117.51	222.803	1.6999
117.59	223.2768	1.6999
117.79	223.7415	1.704
118.07	224.2153	1.7067

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
66.096	345.1644	1.33032
66.105	345.1644	1.33032
66.115	345.1644	1.33224
66.125	345.1644	1.33224
66.134	345.1644	1.33032
66.144	345.1644	1.33224
66.154	345.1644	1.33032
66.169	345.1644	1.32672
66.207	345.1644	1.32288
66.294	345.1644	1.3248
66.317	345.1644	1.31184
66.324	345.1644	1.3212
66.331	345.1644	1.3212
66.337	345.1644	1.32288
66.354	345.1644	1.32288
66.367	345.1644	1.31184
66.375	345.1644	1.31544
66.383	345.1644	1.31736
66.389	345.1644	1.31352
66.397	345.1644	1.31928
66.405	345.1644	1.31928
66.416	345.1644	1.31352
66.424	345.1644	1.31736
66.43	348.8205	1.3212
66.483	348.8205	1.33608
66.492	348.8205	1.33416
66.504	348.8205	1.33608
66.514	348.8205	1.33416
66.53	348.8205	1.33968
66.536	348.8205	1.33032
66.564	348.8205	1.33608
66.575	348.8205	1.3416
66.585	348.8205	1.33776
66.597	348.8205	1.33776
66.612	348.8205	1.33416
66.627	348.8205	1.33968
66.647	348.8205	1.33032
66.691	348.8205	1.33608
66.742	348.8205	1.33032
66.753	348.8205	1.33224
66.774	348.8205	1.33608
66.786	348.8205	1.32672
66.797	348.8205	1.33608
66.818	348.8205	1.32672
66.828	348.8205	1.32864
66.838	348.8205	1.3248
66.847	348.8205	1.32672
66.856	348.8205	1.33032
66.867	348.8205	1.3248
66.876	348.8205	1.33608
66.96	355.5911	1.33032
67.026	355.5911	1.3452

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
64.42	312.5064	1.02438
64.431	312.5064	1.02582
64.444	312.5064	1.02438
64.46	312.5064	1.02438
64.472	312.5064	1.02438
64.505	312.5064	1.02582
64.65	312.5064	1.02294
64.664	312.5064	1.02294
64.683	312.5064	1.0215
64.699	312.5064	1.02438
64.711	312.5064	1.02294
64.721	312.5064	1.0215
64.733	312.5064	1.02294
64.743	312.5064	1.0215
64.753	312.5064	1.0215
64.763	312.5064	1.0215
64.777	312.5064	1.0215
64.795	312.5064	1.02024
64.814	312.5064	1.02294
65.379	312.5064	1.03554
65.995	314.0621	1.04526
66.092	314.0621	1.03968
66.127	314.0621	1.0467
66.25	314.0621	1.0467
66.282	314.0621	1.05084
66.298	314.0621	1.05084
66.325	314.0621	1.05084
66.347	314.0621	1.05228
66.368	314.0621	1.05372
66.389	314.0621	1.05372
66.411	314.0621	1.05228
66.44	314.0621	1.05372
66.468	314.0621	1.05228
66.508	314.0621	1.05228
66.563	314.0621	1.05372
66.64	314.0621	1.05372
66.669	314.0621	1.05228
66.69	314.0621	1.05228
66.709	314.0621	1.05228
66.72	314.0621	1.05084
66.731	314.0621	1.05228
66.741	314.0621	1.05228
66.751	314.0621	1.05228
66.761	314.0621	1.05084
66.772	314.0621	1.05084
66.781	314.0621	1.05084
66.812	314.0621	1.05516
67.994	319.8961	1.0746
68.111	319.8961	1.07334
68.21	319.8961	1.07892
68.297	319.8961	1.07892
68.421	319.8961	1.08018

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
118.21	224.68	1.7094
118.39	225.1538	1.7107
118.44	225.6185	1.7134
118.56	226.0923	1.7148
118.76	226.5571	1.7175
118.99	227.0218	1.7215
119.3	227.4865	1.7242
119.4	227.9512	1.7283
119.46	228.425	1.7283
119.55	228.8988	1.7296
119.77	229.3635	1.7323
119.95	229.8373	1.7337
120	230.0833	1.7364
120.09	230.5572	1.7364
120.31	231.0219	1.7404
120.55	231.4866	1.7431
120.68	231.9513	1.7458
120.74	232.4251	1.7472
120.93	232.8898	1.7499
121.11	233.3636	1.7526
121.15	233.3636	1.7539
121.18	233.3636	1.7553
121.21	233.3636	1.7539
121.26	233.3636	1.7553
121.35	233.3636	1.7526
121.37	233.3636	1.7539
121.39	233.3636	1.7539
121.4	233.3636	1.7553
121.41	233.8283	1.7553
121.44	234.3021	1.7566
121.54	234.7668	1.758
121.75	235.2315	1.7607
121.89	235.7053	1.7634
122.05	236.1701	1.7647
122.24	236.6439	1.7674
122.31	237.1086	1.7701
122.54	237.5733	1.7728
122.66	238.0471	1.7742
122.85	238.5118	1.7782
123.03	238.9765	1.7809
123.33	239.4412	1.7836
123.39	239.915	1.7836
123.46	240.3797	1.7863
123.63	240.8444	1.789
123.91	241.3182	1.7917
123.96	241.783	1.7944
124.17	242.2568	1.7958
124.32	242.7215	1.7985
124.51	243.1862	1.7998
124.57	243.66	1.8025
124.76	244.1247	1.8052
124.93	244.5894	1.8079

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
67.094	355.5911	1.33608
67.146	355.5911	1.34904
67.151	355.5911	1.35288
67.16	355.5911	1.34352
67.169	355.5911	1.35096
67.181	355.5911	1.3416
67.225	355.5911	1.35288
67.231	355.5911	1.34904
67.25	355.5911	1.34352
67.271	355.5911	1.35288
67.284	355.5911	1.34904
67.31	355.5911	1.34904
67.323	355.5911	1.35456
67.334	355.5911	1.35648
67.347	355.5911	1.35096
67.4	355.5911	1.34904
67.421	355.5911	1.33776
67.428	355.5911	1.3416
67.434	355.5911	1.3416
67.44	355.5911	1.3416
67.451	355.5911	1.33416
67.46	355.5911	1.3452
67.47	355.5911	1.34352
67.482	355.5911	1.3416
67.491	355.5911	1.33416
67.499	355.5911	1.33416
67.504	355.5911	1.34712
67.512	355.5911	1.34904
67.541	355.5911	1.35096
67.571	355.5911	1.34904
67.592	355.5911	1.35288
67.621	355.5911	1.3584
67.631	355.5911	1.35288
67.656	355.5911	1.35288
67.733	355.5911	1.35096
67.832	355.5911	1.3584
67.991	355.5911	1.362
67.994	358.1639	1.36392
68.059	358.1639	1.36392
68.088	358.1639	1.36392
68.101	358.1639	1.36584
68.121	358.1639	1.36584
68.133	358.1639	1.36944
68.144	358.1639	1.36944
68.16	358.1639	1.36776
68.174	358.1639	1.36944
68.193	358.1639	1.36776
68.215	358.1639	1.36584
68.248	358.1639	1.36776
68.275	358.1639	1.36944
68.308	358.1639	1.36776
68.352	358.1639	1.36032

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.816	329.6193	1.10124
69.994	329.6193	1.10394
70.084	329.6193	1.10538
70.14	329.6193	1.10538
70.166	329.6193	1.10682
70.183	329.6193	1.10268
70.248	329.6193	1.1124
70.32	329.6193	1.1124
70.341	329.6193	1.1124
70.364	329.6193	1.1124
70.385	329.6193	1.11384
70.411	329.6193	1.1124
70.426	329.6193	1.1124
70.455	329.6193	1.1124
70.487	329.6193	1.1124
70.665	329.6193	1.11096
70.685	329.6193	1.1124
70.707	329.6193	1.11096
70.724	329.6193	1.11384
70.735	329.6193	1.11096
70.748	329.6193	1.1124
70.759	329.6193	1.1124
70.769	329.6193	1.11096
70.778	329.6193	1.1124
71.994	332.7308	1.13328
72.102	332.7308	1.13472
72.162	332.7308	1.13328
72.317	332.7308	1.14174
72.337	332.7308	1.14174
72.351	332.7308	1.14174
72.369	332.7308	1.14318
72.382	332.7308	1.14318
72.4	332.7308	1.14462
72.413	332.7308	1.14318
72.431	332.7308	1.14462
72.442	332.7308	1.14462
72.453	332.7308	1.14462
72.473	332.7308	1.14588
72.491	332.7308	1.14462
72.512	332.7308	1.14462
72.543	332.7308	1.14732
72.664	332.7308	1.14318
72.683	332.7308	1.14318
72.701	332.7308	1.14174
72.712	332.7308	1.14174
72.723	332.7308	1.14318
72.734	332.7308	1.14318
72.746	332.7308	1.14174
72.754	332.7308	1.14174
72.765	332.7308	1.14174
72.774	332.7308	1.1403
72.784	332.7308	1.14174

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
125	244.6532	1.8079
125.09	245.127	1.8093
125.16	245.127	1.812
125.39	245.127	1.8133
125.44	245.5826	1.8133
125.46	246.0564	1.8147
125.67	246.5211	1.8174
125.71	246.9949	1.8187
125.96	247.4596	1.8228
126.04	247.9243	1.8242
126.23	248.389	1.8268
126.29	248.8629	1.8282
126.63	249.3276	1.8309
126.68	249.8014	1.8322
126.87	250.2661	1.835
127.08	250.7308	1.839
127.17	250.7308	1.8404
127.2	250.7308	1.8404
127.35	250.7308	1.8417
127.37	250.7308	1.8417
127.39	251.1864	1.8431
127.43	251.6602	1.8431
127.51	252.134	1.8444
127.63	252.5987	1.8458
127.83	253.0725	1.8485
127.97	253.5372	1.8512
128.17	254.0019	1.8552
128.33	254.4666	1.8566
128.54	254.9314	1.8593
128.67	255.3961	1.862
128.84	255.8699	1.8633
128.94	256.3437	1.8647
129.32	256.8266	1.8714
129.42	257.3004	1.8714
129.45	257.7651	1.8728
129.56	258.239	1.8741
129.74	258.7037	1.8768
129.93	259.1684	1.8795
130	259.3233	1.8809
130.16	259.788	1.8836
130.29	260.2618	1.8849
130.51	260.7265	1.8876
130.56	261.1912	1.889
130.85	261.6559	1.893
131.05	262.1206	1.8957
131.19	262.1206	1.8984
131.31	262.1206	1.8984
131.34	262.5853	1.8998
131.38	263.05	1.9011
131.44	263.5329	1.8998
131.53	263.9976	1.9025
131.81	264.4623	1.9065

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
68.363	358.1639	1.35456
68.373	358.1639	1.36584
68.4	358.1639	1.36584
68.412	358.1639	1.36776
68.434	358.1639	1.36584
68.455	358.1639	1.36392
68.465	358.1639	1.362
68.477	358.1639	1.36392
68.486	358.1639	1.36392
68.503	358.1639	1.3584
68.514	358.1639	1.36392
68.52	358.1639	1.36032
68.535	365.0699	1.37136
68.56	371.8405	1.3752
68.593	371.8405	1.37328
68.623	371.8405	1.3788
68.634	371.8405	1.3788
68.646	371.8405	1.3788
68.661	371.8405	1.3752
68.676	371.8405	1.3788
68.692	371.8405	1.37688
68.815	371.8405	1.3788
68.831	371.8405	1.38264
68.85	371.8405	1.37328
68.899	371.8405	1.3788
68.989	371.8405	1.3788
69.06	371.8405	1.38072
69.068	371.8405	1.3788
69.081	371.8405	1.3788
69.1	371.8405	1.3788
69.119	371.8405	1.37328
69.128	371.8405	1.37136
69.137	371.8405	1.36944
69.143	371.8405	1.37136
69.151	371.8405	1.37136
69.167	371.8405	1.37328
69.175	378.6111	1.38624
69.196	378.6111	1.38816
69.205	378.6111	1.392
69.214	378.6111	1.392
69.225	378.6111	1.39008
69.23	378.6111	1.39008
69.242	378.6111	1.392
69.249	378.6111	1.38624
69.264	378.6111	1.39008
69.278	378.6111	1.3956
69.289	378.6111	1.39368
69.3	378.6111	1.3956
69.309	378.6111	1.39008
69.328	378.6111	1.39368
69.339	378.6111	1.39368
69.351	378.6111	1.39008

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
72.793	332.7308	1.1403
72.808	332.7308	1.14174
72.834	332.7308	1.14462
73.994	342.2596	1.16406
74.095	342.2596	1.16406
74.113	342.2596	1.16838
74.134	342.2596	1.1655
74.157	342.2596	1.17396
74.165	342.2596	1.16694
74.177	342.2596	1.16694
74.204	342.2596	1.16694
74.239	342.2596	1.1655
74.258	342.2596	1.16694
74.336	342.2596	1.17252
74.356	342.2596	1.17396
74.368	342.2596	1.17252
74.388	342.2596	1.17252
74.418	342.2596	1.17396
74.556	342.2596	1.17252
74.577	342.2596	1.17108
74.596	342.2596	1.17108
74.61	342.2596	1.17108
74.625	342.2596	1.17108
74.637	342.2596	1.17108
74.647	342.2596	1.16964
74.657	342.2596	1.16964
74.667	342.2596	1.16964
74.676	342.2596	1.16964
74.685	342.2596	1.16964
74.698	342.2596	1.17108
74.711	342.2596	1.16838
74.75	343.0375	1.17396
75.994	349.0659	1.19628
76.18	349.0659	1.2033
76.27	349.0659	1.19898
76.314	349.0659	1.20042
76.386	349.0659	1.20042
76.483	349.0659	1.20186
76.513	349.0659	1.20042
77.994	350.4272	1.22562
78.078	350.4272	1.22706
78.116	350.4272	1.22418
78.212	350.4272	1.22274
78.223	350.4272	1.22706
78.273	350.4272	1.2339
78.287	350.4272	1.23264
78.301	350.4272	1.23264
78.312	350.4272	1.2339
78.331	350.4272	1.2339
78.343	350.4272	1.2339
78.354	350.4272	1.2339
78.365	350.4272	1.23264

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.94	264.9271	1.9079
131.97	265.4009	1.9092
132.13	265.8565	1.9133
132.36	266.3303	1.9146
132.47	266.795	1.9173
132.64	267.2597	1.92
132.78	267.7244	1.9214
132.96	268.1982	1.9241
133.22	268.1982	1.9268
133.33	268.1982	1.9268
133.36	268.6447	1.9322
133.41	269.1276	1.9295
133.44	269.5923	1.9308
133.55	270.0661	1.9322
133.69	270.5217	1.9362
133.95	270.9955	1.9376
134.07	271.4603	1.9403
134.18	271.925	1.9416
134.37	272.3897	1.9443
134.61	272.8544	1.947
134.78	273.3191	1.9497
134.91	273.7929	1.9524
134.99	274.2576	1.9538
135	274.2576	1.9551
135.15	274.2576	1.9578
135.35	274.2576	1.9592
135.39	274.7132	1.9592
135.45	275.187	1.9605
135.53	275.6517	1.9605
135.68	276.1255	1.9632
135.85	276.5902	1.9659
136.09	277.0549	1.9686
136.24	277.5196	1.9713
136.37	277.9843	1.9727
136.55	278.449	1.9754
136.66	278.9137	1.9781
136.67	279.3876	1.9781
136.67	279.8887	1.9794
136.67	280.4172	1.9808
136.67	280.891	1.9808
136.7	280.891	1.9821
136.71	280.891	1.9821
136.72	280.891	1.9835
136.73	280.891	1.9821
136.74	280.891	1.9821
136.75	280.891	1.9821
136.75	280.891	1.9835
136.76	280.891	1.9835
136.77	280.891	1.9835
136.78	280.891	1.9835
136.79	280.891	1.9835
136.79	280.891	1.9848

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.478	378.6111	1.38624
69.497	378.6111	1.38432
69.51	378.6111	1.38432
69.519	378.6111	1.3788
69.528	378.6111	1.38624
69.536	378.6111	1.38432
69.548	378.6111	1.38624
69.56	378.6111	1.3788
69.568	378.6111	1.38432
69.576	378.6111	1.37688
69.583	378.6111	1.3788
69.59	378.6111	1.37328
69.594	378.6111	1.38072
69.6	378.6111	1.39008
69.649	378.6111	1.392
69.687	378.6111	1.39368
69.773	378.6111	1.3956
69.802	378.6111	1.39008
69.863	378.6111	1.40304
69.876	378.6111	1.40304
69.89	378.6111	1.39752
69.915	378.6111	1.40304
69.928	378.6111	1.3956
69.957	378.6111	1.40496
69.974	378.6111	1.40304
69.988	378.6111	1.40496
69.994	378.6111	1.40496
70.009	378.6111	1.3956
70.047	378.6111	1.40496
70.066	378.6111	1.40304
70.087	378.6111	1.40496
70.108	378.6111	1.40688
70.149	378.6111	1.40304
70.179	378.6111	1.40304
70.207	378.6111	1.40112
70.225	378.6111	1.40112
70.232	378.6111	1.39752
70.234	378.6111	1.39752
70.235	378.6111	1.39944
70.239	378.6111	1.39752
70.248	378.6111	1.39752
70.258	378.6111	1.39752
70.271	378.6111	1.39944
70.285	378.6111	1.39752
70.296	378.6111	1.3956
70.307	378.6111	1.39944
70.32	378.6111	1.39944
70.35	378.6111	1.40688
70.491	378.6111	1.416
70.508	378.6111	1.41432
70.521	378.6111	1.41432
70.539	378.6111	1.41432

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
78.374	350.4272	1.2339
78.389	350.4272	1.2339
78.396	350.4272	1.23534
78.41	350.4272	1.23534
78.42	350.4272	1.23534
78.433	350.4272	1.23534
78.475	350.4272	1.23264
78.562	350.4272	1.2312
78.583	350.4272	1.2312
78.602	350.4272	1.2312
78.614	350.4272	1.22976
78.624	350.4272	1.22976
78.635	350.4272	1.22976
78.644	350.4272	1.22976
78.655	350.4272	1.22976
78.664	350.4272	1.22832
78.674	350.4272	1.22976
78.683	350.4272	1.22832
78.693	350.4272	1.22976
78.704	350.4272	1.22976
78.722	350.4272	1.22976
78.745	350.4272	1.23534
79.658	360.1505	1.24938
79.993	360.1505	1.25352
80.026	364.0398	1.25208
80.054	364.0398	1.2591
80.181	364.0398	1.2591
80.213	364.0398	1.2591
80.298	364.0398	1.26324
80.328	364.0398	1.26198
80.358	364.0398	1.26198
80.409	364.0398	1.26198
80.474	364.0398	1.26198
80.539	364.0398	1.26054
80.568	364.0398	1.26198
80.59	364.0398	1.26054
80.605	364.0398	1.26054
80.62	364.0398	1.26198
80.632	364.0398	1.26198
80.65	364.0398	1.26054
80.939	364.0398	1.26756
81.993	367.7346	1.28286
82.151	367.7346	1.287
82.196	367.7346	1.287
82.283	367.7346	1.28988
82.305	367.7346	1.29132
82.336	367.7346	1.29276
82.359	367.7346	1.29276
82.396	367.7346	1.29132
82.439	367.7346	1.29132
82.579	367.7346	1.29132
82.607	367.7346	1.28988

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
136.8	280.891	1.9848
136.81	280.891	1.9835
136.82	280.891	1.9862
136.82	280.891	1.9848
136.83	280.891	1.9848
136.83	280.891	1.9862
136.84	280.891	1.9848
136.85	280.891	1.9848
136.85	280.891	1.9848
136.86	280.891	1.9835
136.87	280.891	1.9835
136.88	280.891	1.9835
136.89	280.891	1.9821
137.05	280.891	1.9821
137.07	280.891	1.9821
137.09	280.891	1.9835
137.11	280.891	1.9835
137.13	280.891	1.9821
137.14	280.891	1.9821
137.15	280.891	1.9821
137.16	280.891	1.9821
137.17	280.891	1.9808
137.18	280.891	1.9808
137.19	280.891	1.9821
137.19	280.891	1.9794
137.2	280.891	1.9808
137.21	280.891	1.9808
137.21	280.891	1.9808
137.22	280.891	1.9808
137.22	280.891	1.9794
137.23	280.891	1.9808
137.23	280.891	1.9808
137.24	280.891	1.9808
137.25	280.891	1.9821
137.25	280.891	1.9821
137.26	280.891	1.9835
137.27	280.891	1.9862
137.28	280.9092	1.9848
137.37	281.3831	1.9848
137.44	281.8478	1.9889
137.48	282.3125	1.9902
137.76	282.7772	1.9929
137.98	283.2419	1.997
138.16	283.7066	1.9983
138.34	284.1713	2.0024
138.49	284.636	2.0051
138.69	285.1007	2.0064
138.92	285.5654	2.0091
139	286.0301	2.0118
139.14	286.0301	2.0145
139.28	286.0301	2.0159
139.37	286.4857	2.0172

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
70.557	378.6111	1.41432
70.57	378.6111	1.416
70.581	378.6111	1.416
70.599	378.6111	1.416
70.629	378.6111	1.41792
70.644	378.6111	1.41792
70.716	378.6111	1.41984
70.746	378.6111	1.41792
70.817	378.6111	1.41984
70.872	378.6111	1.41432
70.891	378.6111	1.41432
70.903	378.6111	1.416
70.921	378.6111	1.41432
70.927	378.6111	1.41432
70.937	378.6111	1.416
70.952	378.6111	1.4124
70.961	378.6111	1.4124
70.972	378.6111	1.41432
70.985	378.6111	1.4124
71.002	378.6111	1.4124
71.014	378.6111	1.4124
71.027	378.6111	1.416
71.047	384.2984	1.41984
71.158	384.2984	1.42728
71.175	384.2984	1.42728
71.194	384.2984	1.4292
71.214	384.2984	1.42728
71.299	384.2984	1.4292
71.338	384.2984	1.4292
71.381	384.2984	1.42368
71.425	384.2984	1.42368
71.435	384.2984	1.42536
71.443	384.2984	1.42728
71.455	384.2984	1.42536
71.486	384.2984	1.42536
71.516	384.2984	1.42728
71.969	384.2984	1.43856
71.994	384.2984	1.44024
72.064	384.2984	1.44408
72.086	384.2984	1.446
72.117	384.2984	1.44408
72.226	384.2984	1.44408
72.256	384.2984	1.44024
72.294	384.2984	1.446
72.654	391.069	1.45152
72.662	391.069	1.45344
73.259	391.069	1.46448
73.994	391.069	1.47936
74.152	395.673	1.4832
74.526	402.4436	1.49256
74.564	402.4436	1.49448
74.596	402.4436	1.49448

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
82.626	367.7346	1.29132
82.638	367.7346	1.29132
82.649	367.7346	1.28988
82.663	367.7346	1.29132
82.672	367.7346	1.29132
82.709	367.7346	1.29402
83.993	370.6516	1.31508
84.16	370.6516	1.32066
84.181	370.6516	1.31778
84.245	370.6516	1.3221
84.421	370.6516	1.32066
85.713	380.9583	1.3401
85.993	380.9583	1.34442
86.278	380.9583	1.35144
86.408	380.9583	1.35
87.993	382.514	1.37376
88.025	392.2373	1.37646
88.044	392.2373	1.3779
88.084	392.2373	1.37934
88.103	392.2373	1.38078
88.113	392.2373	1.3779
88.152	392.2373	1.3752
88.194	392.2373	1.37646
88.219	392.2373	1.37646
88.34	392.2373	1.38078
88.399	392.2373	1.38078
88.506	392.2373	1.38078
88.529	392.2373	1.38078
89.329	392.2373	1.39464
89.993	392.2373	1.40454
90.101	392.2373	1.40868
90.131	392.2373	1.41138
90.152	392.2373	1.40454
90.195	392.2373	1.40724
90.245	392.2373	1.40454
90.38	392.2373	1.41012
90.433	392.2373	1.41138
90.473	392.2373	1.41012
90.493	392.2373	1.41012
90.507	392.2373	1.40868
90.524	392.2373	1.40868
90.537	392.2373	1.40868
91.992	397.2934	1.43388
92.097	397.2934	1.43244
92.184	397.2934	1.43388
92.302	397.2934	1.44216
92.324	397.2934	1.44216
92.344	397.2934	1.44216
92.365	397.2934	1.4436
92.386	397.2934	1.44216
92.415	397.2934	1.4436
92.437	397.2934	1.44216

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.45	286.9595	2.0172
139.6	287.4242	2.0199
139.75	287.8889	2.0226
139.94	288.3536	2.0253
140	288.3536	2.0253
140.08	288.7272	2.0267
140.28	289.1919	2.0294
140.4	289.6566	2.0321
140.62	290.1213	2.0348
140.83	290.586	2.0375
140.97	291.0507	2.0402
141.19	291.0507	2.0429
141.29	291.0507	2.0429
141.32	291.5063	2.0456
141.41	291.9801	2.0456
141.47	292.4448	2.0456
141.61	292.9095	2.0483
141.82	293.3743	2.0523
141.98	293.839	2.0537
142.07	294.3037	2.0564
142.3	294.7775	2.0577
142.43	295.2422	2.0604
142.64	295.6978	2.0631
142.83	296.1625	2.0672
143	296.6272	2.0685
143.16	296.6272	2.0726
143.23	296.6272	2.0726
143.28	296.6272	2.0726
143.3	296.6272	2.0726
143.36	297.0919	2.0726
143.38	297.5566	2.0739
143.49	298.0213	2.0753
143.68	298.486	2.078
143.89	298.9507	2.082
144	299.4154	2.0834
144.16	299.8801	2.0861
144.34	300.3448	2.0888
144.57	300.8004	2.0928
144.71	301.2742	2.0928
144.83	301.7389	2.0955
145	301.9212	2.0982
145.17	301.9212	2.1036
145.31	301.9212	2.1009
145.33	302.3768	2.1023
145.4	302.8506	2.1036
145.42	303.3153	2.1036
145.59	303.78	2.1063
145.73	304.2447	2.109
145.97	304.7094	2.1117
146.12	305.1741	2.1144
146.37	305.6297	2.1185
146.44	306.1035	2.1198

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
74.627	402.4436	1.49448
74.679	402.4436	1.49616
74.805	402.4436	1.49448
74.828	402.4436	1.49256
74.855	402.4436	1.49448
74.888	402.4436	1.49616
75.026	402.4436	1.5
75.246	402.4436	1.50552
75.951	409.2141	1.51848
75.994	409.2141	1.5204
76.864	415.0368	1.5372
77.24	415.0368	1.54464
77.368	415.0368	1.54656
77.651	421.8074	1.55208
77.699	421.8074	1.55592
77.733	421.8074	1.55784
77.759	421.8074	1.55784
77.78	421.8074	1.55952
77.803	421.8074	1.55952
77.823	421.8074	1.55952
77.854	421.8074	1.55952
77.893	421.8074	1.55952
77.927	421.8074	1.56144
77.994	421.8074	1.55952
78.082	421.8074	1.55784
78.095	421.8074	1.55952
78.12	421.8074	1.55952
78.134	421.8074	1.55784
78.143	421.8074	1.55784
78.153	421.8074	1.55784
78.164	421.8074	1.554
78.173	421.8074	1.554
78.183	421.8074	1.55784
78.194	426.4114	1.56144
79.631	433.7237	1.5912
79.676	433.7237	1.59504
79.856	433.7237	1.59696
79.993	433.7237	1.60056
80.065	433.7237	1.60248
80.164	433.7237	1.60056
80.605	439.9526	1.61184
81.374	446.7232	1.62672
81.993	446.7232	1.63968
82.17	451.4626	1.64352
82.866	458.2332	1.65648
82.894	458.2332	1.66032
83.37	458.2332	1.66776
83.9	465.0038	1.6788
83.936	465.0038	1.68264
83.97	465.0038	1.68264
83.993	465.0038	1.6788
84.06	465.0038	1.68264

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
92.466	397.2934	1.44216
92.495	397.2934	1.4436
92.527	397.2934	1.4436
92.558	397.2934	1.4436
92.687	397.2934	1.44216
92.708	397.2934	1.44216
92.726	397.2934	1.44216
92.737	397.2934	1.44216
92.749	397.2934	1.44072
92.759	397.2934	1.44216
92.769	397.2934	1.44216
92.779	397.2934	1.44216
92.788	397.2934	1.44216
92.798	397.2934	1.44216
92.808	397.2934	1.44216
93.992	400.9883	1.46448
94.069	410.7115	1.46448
94.128	410.7115	1.4688
94.149	410.7115	1.46592
94.198	410.7115	1.47294
94.299	410.7115	1.47024
94.332	410.7115	1.47294
94.355	410.7115	1.47024
94.393	410.7115	1.47294
94.435	410.7115	1.4715
94.544	410.7115	1.4715
94.574	410.7115	1.4715
94.599	410.7115	1.4715
94.612	410.7115	1.4715
94.625	410.7115	1.4715
94.64	410.7115	1.47024
94.651	410.7115	1.4715
95.464	411.4894	1.48554
95.652	411.4894	1.48968
95.741	411.4894	1.48968
95.992	411.4894	1.49526
96.19	418.8791	1.4967
96.232	418.8791	1.50228
96.24	418.8791	1.50228
96.248	418.8791	1.50084
96.257	418.8791	1.50228
96.27	418.8791	1.50372
96.279	418.8791	1.50372
96.288	418.8791	1.50516
96.295	418.8791	1.50642
96.302	418.8791	1.50228
96.309	418.8791	1.50516
96.318	418.8791	1.50642
96.327	418.8791	1.50516
96.331	418.8791	1.50372
96.339	418.8791	1.50516
96.347	418.8791	1.50516

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.64	306.5682	2.1226
146.8	307.0238	2.1252
146.99	307.4976	2.1266
147.18	307.4976	2.1293
147.36	307.4976	2.1334
147.4	307.9532	2.132
147.44	308.4179	2.1334
147.52	308.8917	2.1334
147.7	309.3473	2.1374
147.81	309.812	2.1401
148	310.2767	2.1428
148.23	310.7414	2.1455
148.35	311.2061	2.1469
148.58	311.6708	2.1496
148.67	312.1356	2.1523
148.97	312.5911	2.155
149.09	313.0558	2.1577
149.14	313.0558	2.1604
149.34	313.0558	2.1617
149.42	313.5206	2.1617
149.44	313.9853	2.1617
149.57	314.45	2.1644
149.81	314.9056	2.1685
149.89	315.3794	2.1698
150	315.434	2.1712
150.15	315.8987	2.1725
150.32	316.3635	2.1752
150.53	316.8282	2.1779
150.69	317.2929	2.1806
150.88	317.7576	2.1833
151.02	318.2132	2.186
151.15	318.2132	2.1887
151.27	318.2132	2.1901
151.37	318.6687	2.1914
151.43	319.1426	2.1914
151.49	319.6073	2.1928
151.79	320.072	2.1968
151.94	320.5276	2.1995
152.06	321.0014	2.1995
152.23	321.4661	2.2022
152.48	321.9217	2.2063
152.65	322.3864	2.209
152.85	322.8511	2.2117
152.91	323.3158	2.213
153.18	323.3158	2.2184
153.31	323.3249	2.2184
153.36	323.7987	2.2184
153.43	324.2725	2.2184
153.47	324.7372	2.2211
153.73	325.1928	2.2252
153.9	325.6575	2.2265
154.07	326.1222	2.2292

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
84.138	465.0038	1.68072
84.167	465.0038	1.68072
84.198	465.0038	1.68264
84.772	469.0661	1.6956
85.002	469.0661	1.70112
85.131	469.0661	1.70304
85.993	474.2118	1.71792
86.166	481.1178	1.72344
86.181	481.1178	1.72176
86.892	481.524	1.73856
87.993	487.2113	1.76088
88.851	494.5235	1.77768
89.721	501.2941	1.79256
89.993	501.2941	1.80192
90.16	503.8669	1.80192
90.34	503.8669	1.80936
90.469	503.8669	1.80936
91.01	510.6375	1.81848
91.992	515.2415	1.83912
92.357	515.2415	1.85016
92.397	515.2415	1.85208
92.441	515.2415	1.85016
92.548	515.2415	1.84848
92.577	515.2415	1.84848
92.599	515.2415	1.85016
92.813	522.0121	1.85592
93.992	526.2098	1.88016
94.268	532.9804	1.88568
94.334	532.9804	1.88928
94.587	532.9804	1.89312
95.928	540.1572	1.91928
95.992	540.1572	1.92096
96.829	547.4695	1.93416
97.453	554.7817	1.94904
97.478	554.7817	1.95096
97.956	554.7817	1.9584
97.992	554.7817	1.962
98.17	559.9274	1.96584
98.349	559.9274	1.96944
98.402	559.9274	1.96944
98.476	559.9274	1.96944
98.692	559.9274	1.97328
99.954	567.2396	1.99752
99.992	568.1875	1.99944
100.36	568.1875	2.01048
100.54	568.1875	2.00856
100.79	574.9581	2.01432
101.99	579.5621	2.03664
102.14	586.3326	2.04216
102.43	586.3326	2.0496
102.76	586.3326	2.05512
103.5	593.6449	2.07024

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
96.357	418.8791	1.50516
96.369	418.8791	1.50372
96.496	418.8791	1.50084
96.517	418.8791	1.49958
96.536	418.8791	1.50084
96.548	418.8791	1.49958
96.558	418.8791	1.49958
96.568	418.8791	1.49958
96.579	418.8791	1.49814
96.588	418.8791	1.49958
96.597	418.8791	1.49958
96.605	418.8791	1.49958
96.613	418.8791	1.49814
96.621	418.8791	1.49814
96.63	418.8791	1.49958
96.64	418.8791	1.49814
96.658	418.8791	1.49958
96.681	418.8791	1.50372
97.992	418.8791	1.52334
98.183	418.8791	1.52892
98.276	418.8791	1.53018
98.297	418.8791	1.53162
98.462	418.8791	1.53018
98.484	418.8791	1.53018
98.505	418.8791	1.53018
99.807	424.7131	1.55124
99.992	424.7131	1.55538
100.16	424.7131	1.55952
100.2	424.7131	1.55826
100.21	424.7131	1.55682
100.26	424.7131	1.56096
100.27	424.7131	1.5651
100.28	424.7131	1.5624
100.29	424.7131	1.56096
100.31	424.7131	1.5624
100.32	424.7131	1.5624
100.33	424.7131	1.5624
100.35	424.7131	1.5624
100.37	424.7131	1.56384
100.38	424.7131	1.5624
100.4	424.7131	1.56384
100.42	424.7131	1.56384
100.44	424.7131	1.56384
100.56	424.7131	1.5624
100.58	424.7131	1.56384
100.59	424.7131	1.5624
100.61	424.7131	1.56096
100.62	424.7131	1.5624
100.64	424.7131	1.56096
100.65	424.7131	1.55952
100.66	424.7131	1.55952
100.67	424.7131	1.55952

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
154.19	326.5869	2.2319
154.43	327.0425	2.236
154.57	327.5164	2.236
154.86	327.9719	2.24
154.97	328.4275	2.2441
155	328.464	2.2427
155.2	328.464	2.2468
155.27	328.464	2.2454
155.35	328.9196	2.2481
155.44	329.3843	2.2495
155.55	329.849	2.2508
155.67	330.3137	2.2535
155.87	330.7784	2.2562
156.06	331.234	2.2589
156.29	331.6987	2.2616
156.49	332.1634	2.2643
156.67	332.619	2.267
156.82	333.0837	2.2697
157.29	333.5666	2.2765
157.37	334.0313	2.2778
157.43	334.496	2.2792
157.61	334.9607	2.2805
157.87	335.4254	2.2846
157.99	335.8901	2.2859
158.2	336.3457	2.29
158.42	336.8013	2.2927
158.64	337.266	2.2954
158.82	337.7307	2.2981
158.96	338.1954	2.3008
159.14	338.1954	2.3048
159.29	338.1954	2.3048
159.36	338.6419	2.3062
159.43	339.1157	2.3062
159.51	339.5713	2.3089
159.73	340.036	2.3116
159.99	340.3094	2.3156
160.09	340.7741	2.317
160.26	341.2297	2.3197
160.47	341.7035	2.321
160.61	342.1591	2.3237
160.76	342.6238	2.3264
160.85	343.0885	2.3278
161.15	343.0885	2.3332
161.29	343.0976	2.3332
161.36	343.5714	2.3332
161.39	344.0361	2.3345
161.42	344.5008	2.3372
161.72	344.9655	2.3399
161.91	345.4211	2.344
162.11	345.8858	2.3453
162.37	346.3414	2.3494
162.61	346.797	2.3534

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103.99	596.2177	2.08128
104.34	596.2177	2.08872
104.51	596.2177	2.09064
105.04	603.5299	2.1
105.99	608.6756	2.11848
106.19	615.4462	2.12232
106.37	615.4462	2.12976
106.61	615.4462	2.13168
106.72	615.4462	2.13528
106.85	615.4462	2.1372
107.57	622.623	2.15208
107.99	622.623	2.16144
108.15	625.7374	2.16144
109.61	632.9143	2.19312
109.99	636.5704	2.20056
111.05	643.8826	2.22096
111.99	649.5699	2.23968
112.34	649.5699	2.24904
112.53	649.5699	2.24904
112.96	656.7467	2.26008
113.99	658.2362	2.28072
114.15	665.1422	2.28264
114.32	665.1422	2.28816
114.35	665.1422	2.29008
114.39	665.1422	2.29008
114.57	665.1422	2.29008
114.59	665.1422	2.28816
114.65	665.1422	2.29176
115.75	672.3191	2.31432
115.99	672.3191	2.31984
116.13	676.9231	2.32176
116.33	676.9231	2.3292
116.37	676.9231	2.3292
116.45	676.9231	2.33088
116.54	676.9231	2.3292
116.57	676.9231	2.3292
116.61	677.4647	2.3328
117.84	684.6415	2.35512
117.99	686.2665	2.35896
118.15	693.0371	2.36088
118.33	693.0371	2.36832
119.18	693.4433	2.3832
119.99	696.5578	2.4
120.14	703.3283	2.40192
120.35	703.3283	2.40744
120.82	703.87	2.41488
121.87	711.0468	2.4372
121.99	711.0468	2.44104
123.09	716.1925	2.46336
123.8	723.3693	2.4744
123.99	723.3693	2.48184
124.37	723.3693	2.48928

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
100.67	424.7131	1.55952
100.68	424.7131	1.55952
100.69	424.7131	1.55952
100.7	424.7131	1.55952
100.71	424.7131	1.55826
100.72	424.7131	1.55952
100.74	424.7131	1.5624
101.99	424.7131	1.58202
102.01	431.5194	1.58472
102.08	431.5194	1.58328
102.1	431.5194	1.59174
102.11	431.5194	1.5876
102.12	431.5194	1.58886
102.13	431.5194	1.59174
102.15	431.5194	1.5903
102.24	431.5194	1.58886
102.31	431.5194	1.59174
102.37	431.5194	1.5903
102.41	431.5194	1.59174
102.5	431.5194	1.59174
102.54	431.5194	1.59174
102.56	431.5194	1.5903
102.58	431.5194	1.5903
102.59	431.5194	1.5903
102.6	431.5194	1.5903
102.62	431.5194	1.58886
102.62	431.5194	1.5903
102.63	431.5194	1.58886
102.66	431.5194	1.59174
103.99	431.5194	1.60992
104.05	431.5194	1.61406
104.12	431.5194	1.61694
104.18	431.5194	1.6155
104.2	431.5194	1.61406
104.25	431.5194	1.61964
104.27	431.5194	1.62108
104.28	431.5194	1.6182
104.33	431.5194	1.62252
104.35	431.5194	1.62108
104.4	431.5194	1.62252
104.47	431.5194	1.62252
104.53	431.5194	1.62252
104.56	431.5194	1.62108
104.58	431.5194	1.62108
104.6	431.5194	1.61964
104.61	431.5194	1.61964
104.62	431.5194	1.61964
104.64	431.5194	1.62108
105.99	436.5755	1.6434
106.19	436.5755	1.65186
106.3	436.5755	1.65186
106.33	436.5755	1.65186

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
162.73	347.2617	2.3561
162.92	347.7264	2.3575
163.13	347.7264	2.3629
163.19	347.7264	2.3615
163.28	347.7264	2.3615
163.31	347.7264	2.3642
163.37	348.2003	2.3642
163.43	348.665	2.3656
163.65	349.1297	2.3683
163.79	349.5853	2.371
164.05	350.05	2.3737
164.25	350.5056	2.3777
164.39	350.9703	2.3791
164.61	351.4259	2.3831
164.79	351.8906	2.3858
164.99	351.9817	2.3872
165.36	352.4373	2.3912
165.38	352.8929	2.3939
165.54	353.3576	2.3953
165.6	353.8223	2.398
165.89	354.287	2.3993
166.07	354.7426	2.4034
166.27	355.2073	2.4061
166.54	355.6629	2.4101
166.76	356.1185	2.4142
166.95	356.574	2.4169
167.14	356.574	2.4209
167.23	356.574	2.4196
167.28	356.574	2.4196
167.33	356.574	2.4223
167.36	357.0296	2.4209
167.41	357.4943	2.4223
167.47	357.959	2.4236
167.84	358.442	2.429
168.06	358.9067	2.4317
168.27	359.3896	2.4358
168.38	359.8543	2.4371
168.47	359.8543	2.4385
168.52	359.8543	2.4385
168.61	360.319	2.4399
168.9	360.8019	2.4439
169.19	360.8019	2.4493
169.3	360.8111	2.4507
169.35	361.2849	2.4493
169.37	361.7496	2.452
169.49	362.2143	2.4534
169.82	362.6972	2.4574
169.96	363.1619	2.4588
169.99	363.2804	2.4601
170.13	363.7451	2.4628
170.55	364.228	2.4669
170.71	364.6927	2.4696

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
124.62	723.3693	2.4912
125.44	730.1399	2.508
125.99	730.5461	2.51928
126.11	737.3167	2.51928
126.32	737.3167	2.53032
126.34	737.3167	2.53032
126.36	737.3167	2.53032
126.4	737.3167	2.53032
126.43	737.3167	2.53032
126.49	737.3167	2.53224
126.57	737.3167	2.53032
126.6	737.3167	2.53032
126.62	737.3167	2.53032
126.64	737.3167	2.53032
126.67	737.3167	2.53032
126.77	737.8583	2.53416
127.99	745.0351	2.56008
127.99	745.0351	2.56008
129.1	752.212	2.58264
129.41	752.212	2.59008
129.75	752.7536	2.5956
129.99	756.9514	2.60112
130.32	756.9514	2.61048
130.35	756.9514	2.61048
130.38	756.9514	2.61048
130.41	756.9514	2.61048
130.56	756.9514	2.60856
130.59	756.9514	2.61048
130.62	756.9514	2.60856
130.64	757.8993	2.61048
131.39	765.0761	2.62728
131.6	765.0761	2.63472
131.81	765.6177	2.63856
131.87	765.6177	2.63856
131.95	765.6177	2.63664
131.99	765.6177	2.64216
132.12	771.8467	2.64024
132.32	771.8467	2.6496
132.35	771.8467	2.65152
132.38	771.8467	2.6496
132.4	771.8467	2.65152
132.44	771.8467	2.65152
132.62	771.8467	2.6496
132.63	771.8467	2.6496
132.65	771.8467	2.6496
132.68	771.8467	2.65152
132.74	772.7945	2.65512
133.99	772.7945	2.67936
134.12	778.4818	2.67936
134.3	778.4818	2.6868
134.56	779.0235	2.69064
135.78	786.2003	2.71488

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
106.35	436.5755	1.65186
106.37	436.5755	1.65186
106.4	436.5755	1.6533
106.43	436.5755	1.65186
106.47	436.5755	1.6533
106.59	436.5755	1.65186
106.62	436.5755	1.65186
106.64	436.5755	1.65186
106.65	436.5755	1.65042
106.66	436.5755	1.65186
106.68	436.5755	1.65186
106.69	436.5755	1.65042
106.7	436.5755	1.65042
107.44	447.0766	1.66446
107.48	447.0766	1.66716
107.8	447.0766	1.6713
107.99	447.0766	1.67004
108.12	447.0766	1.6812
108.13	447.0766	1.67976
108.16	447.0766	1.67706
108.17	447.0766	1.68534
108.23	447.0766	1.67274
108.28	447.0766	1.67706
108.34	447.0766	1.67976
108.37	447.0766	1.67976
108.39	447.0766	1.67706
108.41	447.0766	1.67832
109.44	452.9106	1.6965
109.99	452.9106	1.70208
110.08	452.9106	1.7091
110.1	452.9106	1.71054
110.19	452.9106	1.70496
110.2	452.9106	1.70766
110.25	452.9106	1.71198
110.27	452.9106	1.7091
110.28	452.9106	1.71324
110.29	452.9106	1.71198
110.31	452.9106	1.71324
110.32	452.9106	1.71324
110.33	452.9106	1.71324
110.34	452.9106	1.71468
110.36	452.9106	1.71198
110.37	452.9106	1.71324
110.38	452.9106	1.71324
110.4	452.9106	1.71324
110.41	452.9106	1.71468
110.43	452.9106	1.71468
110.45	452.9106	1.71324
110.55	452.9106	1.71054
110.57	452.9106	1.71054
110.59	452.9106	1.71054
110.6	452.9106	1.71054

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
170.88	365.1483	2.4723
171.15	365.1483	2.479
171.29	365.1574	2.479
171.36	365.6221	2.479
171.4	366.0959	2.4804
171.44	366.5606	2.4817
171.65	367.0162	2.4844
171.83	367.4809	2.4871
172.07	367.9365	2.4898
172.35	368.4195	2.4939
172.55	368.8842	2.4966
172.77	369.3671	2.502
172.86	369.3671	2.502
172.92	369.3671	2.502
172.97	369.8318	2.5033
173.12	369.8318	2.5074
173.33	369.8318	2.5087
173.38	370.2692	2.5101
173.45	370.743	2.5101
173.61	371.1986	2.5128
173.83	371.6906	2.5168
173.99	372.1553	2.5182
174.06	372.1553	2.5195
174.13	372.1553	2.5209
174.38	372.6018	2.5236
174.54	373.0665	2.5263
174.77	373.5221	2.529
174.97	374.005	2.533
174.99	374.0779	2.5317
175.13	374.0779	2.5371
175.19	374.0779	2.5357
175.28	374.0779	2.5357
175.3	374.087	2.5371
175.36	374.5426	2.5398
175.41	375.0164	2.5398
175.68	375.472	2.5425
175.87	375.9367	2.5452
175.99	376.3923	2.5479
176.17	376.857	2.5506
176.53	377.34	2.5546
176.68	377.7955	2.5573
176.83	378.2603	2.56
177.05	378.7158	2.5627
177.12	378.7158	2.5641
177.19	378.7158	2.5641
177.29	378.7158	2.5668
177.34	378.7158	2.5668
177.39	379.1714	2.5668
177.46	379.627	2.5695
177.75	380.11	2.5735
178	380.5747	2.5749
178.09	381.0394	2.5776

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
135.99	786.2003	2.7204
136.35	786.2003	2.72976
136.49	786.2003	2.72784
136.83	792.8355	2.7372
137.02	792.8355	2.74104
137.3	793.3771	2.74656
137.99	797.0332	2.76144
138.36	797.0332	2.76888
138.66	797.4395	2.77248
139.54	804.7517	2.78928
139.99	804.7517	2.80056
140.09	808.2724	2.80248
140.31	808.2724	2.808
140.34	808.2724	2.80992
140.37	808.2724	2.80992
140.42	808.2724	2.80992
140.59	808.2724	2.80992
140.62	808.2724	2.80992
140.64	808.2724	2.80992
140.69	809.2203	2.81352
141.99	812.8764	2.83968
142.16	820.0532	2.8416
142.26	820.0532	2.8452
142.31	820.0532	2.84904
142.34	820.0532	2.85096
142.37	820.0532	2.85096
142.43	820.0532	2.85096
142.57	820.0532	2.85096
142.6	820.0532	2.84904
142.62	820.0532	2.85096
142.65	820.0532	2.85264
143.32	820.5949	2.86584
143.99	820.5949	2.8788
144.12	827.23	2.88072
144.33	827.23	2.89008
144.66	827.7717	2.89176
145.11	827.7717	2.90304
145.51	828.1779	2.90856
145.99	828.1779	2.91984
146.11	832.9173	2.91984
146.32	832.9173	2.9292
146.35	832.9173	2.9292
146.39	832.9173	2.93088
146.59	832.9173	2.9292
146.61	832.9173	2.9292
146.65	832.9173	2.9328
147.99	835.8964	2.96088
148.12	843.0732	2.96088
148.28	843.0732	2.96832
148.32	843.0732	2.96832
148.36	843.0732	2.97
148.39	843.0732	2.97

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
110.62	452.9106	1.71198
110.63	452.9106	1.71054
110.64	452.9106	1.71054
110.65	452.9106	1.7091
110.66	452.9106	1.71198
110.67	452.9106	1.71054
110.68	452.9106	1.7091
110.68	452.9106	1.7091
110.69	452.9106	1.71054
110.7	452.9106	1.7091
110.71	452.9106	1.71054
110.72	452.9106	1.70766
110.73	452.9106	1.71324
111.99	458.7446	1.7343
112.08	458.7446	1.7343
112.1	458.7446	1.73286
112.17	458.7446	1.73844
112.23	458.7446	1.73574
112.25	458.7446	1.73844
112.29	458.7446	1.73844
113.99	462.4394	1.7622
114.05	472.1627	1.76364
114.09	472.1627	1.76778
114.13	472.1627	1.76778
114.18	472.1627	1.76778
114.36	472.1627	1.76922
114.39	472.1627	1.76922
114.81	472.9406	1.77624
115.99	472.9406	1.78884
116.01	481.1081	1.79298
116.07	481.1081	1.79568
116.22	481.1081	1.8
116.24	481.1081	1.80144
116.28	481.1081	1.80144
116.3	481.1081	1.80144
116.32	481.1081	1.80144
116.34	481.1081	1.8027
116.37	481.1081	1.8027
116.41	481.1081	1.80144
116.45	481.1081	1.8027
116.59	481.1081	1.8027
116.62	481.1081	1.80144
116.63	481.1081	1.80144
116.65	481.1081	1.80144
116.66	481.1081	1.8
116.67	481.1081	1.8
116.68	481.1081	1.8
116.69	481.1081	1.80144
116.7	481.1081	1.80144
117.77	481.1081	1.82088
117.99	481.1081	1.82934
118.03	489.2757	1.82646

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
178.32	381.5223	2.5816
178.49	381.9779	2.5843
178.87	382.4699	2.5884
179.08	382.9437	2.5938
179.13	382.9437	2.5951
179.17	382.9437	2.5938
179.22	382.9437	2.5951
179.31	382.9437	2.5938
179.33	382.9437	2.5951
179.34	382.9437	2.5938
179.36	383.4358	2.5978
179.46	383.9005	2.5978
179.61	384.3652	2.5992
179.87	384.8481	2.6032
179.99	384.9119	2.6046
180.19	385.3948	2.6086
180.28	385.8595	2.6086
180.46	386.3242	2.6113
180.81	386.7981	2.6167
180.86	387.2628	2.6194
181.14	387.2628	2.6235
181.35	387.2628	2.6235
181.37	387.7092	2.6248
181.45	388.1648	2.6275
181.51	388.6386	2.6275
181.75	389.0942	2.6302
181.94	389.5772	2.6343
182.25	390.0601	2.6383
182.46	390.5248	2.641
182.7	390.9804	2.6437
182.89	391.436	2.6464
183.13	391.436	2.6518
183.25	391.436	2.6518
183.31	391.436	2.6518
183.32	391.4451	2.6532
183.36	391.9098	2.6545
183.4	392.3745	2.6545
183.43	392.8392	2.6559
183.91	393.313	2.6626
184.09	393.7777	2.664
184.24	394.2333	2.6667
184.54	394.7163	2.6707
184.62	395.181	2.6721
184.74	395.6365	2.6748
184.96	396.1013	2.6775
184.99	396.1833	2.6788
185.07	396.1833	2.6775
185.12	396.1833	2.6802
185.22	396.1833	2.6815
185.33	396.1833	2.6829
185.42	396.6389	2.6842
185.53	397.1036	2.6842

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
148.43	843.0732	2.97
148.54	843.0732	2.9664
148.56	843.0732	2.97
148.59	843.0732	2.96832
148.61	843.0732	2.97
148.65	843.0732	2.97192
148.85	843.0732	2.97936
149.84	843.4794	2.99616
149.99	845.1044	3
150.31	845.1044	3.01104
150.35	845.1044	3.00912
150.5	845.1044	3.00744
150.68	845.5106	3.01296
151.99	845.5106	3.03912
152.04	848.4897	3.03912
152.12	855.8019	3.03912
152.27	855.8019	3.04848
152.34	855.8019	3.05016
152.37	855.8019	3.05016
152.53	855.8019	3.05016
152.71	855.8019	3.054
153.99	855.8019	3.07824
154.12	858.781	3.08016
154.32	858.781	3.08928
155.08	859.1872	3.10056
155.99	860.2705	3.12096
156.12	867.0411	3.11928
156.3	867.0411	3.13032
156.32	867.0411	3.13032
156.34	867.0411	3.13032
156.37	867.0411	3.13224
156.38	867.0411	3.13032
156.41	867.0411	3.13032
156.43	867.0411	3.13032
156.46	867.0411	3.13416
156.48	867.0411	3.13224
156.52	867.0411	3.13224
156.68	867.0411	3.13224
156.7	867.0411	3.13224
156.72	867.0411	3.13032
156.73	867.0411	3.13224
156.74	867.0411	3.13032
156.75	867.0411	3.13032
156.76	867.0411	3.1284
156.77	867.0411	3.1284
156.79	867.0411	3.13224
156.8	867.4473	3.13416
157.83	867.4473	3.1584
157.99	867.4473	3.1584
158.11	870.4264	3.162
158.3	870.4264	3.16944
158.32	870.4264	3.17136

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
118.06	489.2757	1.82934
118.08	489.2757	1.8279
118.09	489.2757	1.82934
118.11	489.2757	1.83204
118.13	489.2757	1.83078
118.13	489.2757	1.83078
118.15	489.2757	1.82934
118.16	489.2757	1.8279
118.17	489.2757	1.83078
118.19	489.2757	1.83348
118.2	489.2757	1.83078
118.21	489.2757	1.8279
118.22	489.2757	1.82934
118.24	489.2757	1.82934
118.25	489.2757	1.83348
118.26	489.2757	1.82934
118.27	489.2757	1.83204
118.28	489.2757	1.83204
118.4	489.2757	1.82934
118.42	489.2757	1.8279
118.44	489.2757	1.82934
118.45	489.2757	1.82934
118.47	489.2757	1.8279
118.48	489.2757	1.8279
118.49	489.2757	1.82934
118.5	489.2757	1.8279
118.5	489.2757	1.82646
118.51	489.2757	1.82646
118.52	489.2757	1.82646
118.52	489.2757	1.8279
118.53	489.2757	1.8252
118.54	489.2757	1.82646
118.54	489.2757	1.8252
118.55	489.2757	1.8279
118.57	489.2757	1.82934
119.46	489.2757	1.84752
119.99	489.2757	1.85868
120.17	489.2757	1.85724
120.21	489.2757	1.85724
120.26	489.2757	1.86282
120.28	489.2757	1.86138
120.29	489.2757	1.86138
120.31	489.2757	1.86138
120.33	489.2757	1.86138
120.35	489.2757	1.86282
120.37	489.2757	1.86282
120.39	489.2757	1.86282
120.41	489.2757	1.86282
120.43	489.2757	1.86282
120.45	489.2757	1.86282
120.48	489.2757	1.86426
120.5	489.2757	1.86426

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
185.74	397.5865	2.6883
185.97	398.0694	2.6923
186.35	398.5523	2.6977
186.62	399.0079	2.7004
186.66	399.4726	2.7018
186.99	399.9556	2.7058
187.1	399.9556	2.7112
187.16	399.9556	2.7099
187.24	399.9556	2.7099
187.34	399.9647	2.7112
187.38	400.4294	2.7112
187.45	400.8941	2.7126
187.77	401.377	2.718
188.01	401.8326	2.7207
188.17	402.2882	2.7234
188.42	402.7711	2.7274
188.78	403.2541	2.7315
188.94	403.737	2.7355
189.09	403.737	2.7396
189.12	403.737	2.7396
189.15	403.737	2.7396
189.27	403.737	2.7383
189.29	403.737	2.7396
189.34	403.737	2.7383
189.36	404.1835	2.741
189.44	404.6482	2.7423
189.62	405.1129	2.7437
189.94	405.5958	2.7491
189.95	405.5958	2.7504
189.96	405.5958	2.7504
189.99	405.5958	2.7504
190.11	405.5958	2.7504
190.12	405.5958	2.7504
190.14	405.7689	2.7518
190.21	406.2336	2.7531
190.38	406.6892	2.7558
190.69	407.1722	2.7599
190.93	407.6277	2.7626
191.12	407.6277	2.768
191.16	407.6277	2.7693
191.31	407.6277	2.768
191.33	407.6277	2.7693
191.37	408.1016	2.768
191.41	408.5663	2.7707
191.65	409.0492	2.7747
191.84	409.5048	2.7774
192.11	409.9877	2.7815
192.38	410.4706	2.7855
192.53	410.9262	2.7882
192.95	411.4001	2.7936
193.13	411.4001	2.7963
193.29	411.4001	2.7977

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
158.34	870.4264	3.16944
158.37	870.4264	3.17136
158.39	870.4264	3.17136
158.42	870.4264	3.17328
158.44	870.4264	3.17136
158.48	870.4264	3.17328
158.5	870.4264	3.17136
158.58	870.4264	3.17328
158.67	870.4264	3.17328
158.7	870.4264	3.16944
158.71	870.4264	3.17136
158.73	870.4264	3.17136
158.74	870.4264	3.16944
158.75	870.4264	3.16752
158.76	870.4264	3.16944
158.78	870.4264	3.16944
158.79	870.4264	3.17328
158.8	870.968	3.17328
158.84	878.1448	3.17688
159.07	878.1448	3.18264
159.3	878.1448	3.18816
159.68	878.1448	3.1956
159.99	878.1448	3.1992
160.12	878.1448	3.20112
160.31	878.1448	3.21048
160.34	878.1448	3.21048
160.38	878.1448	3.20856
160.56	878.1448	3.20856
160.58	878.1448	3.21048
160.62	878.1448	3.21048
160.65	878.1448	3.2124
161.53	878.1448	3.2328
161.99	878.4157	3.24024
162.07	878.4157	3.24216
162.11	878.4157	3.23832
162.31	878.4157	3.24768
162.33	878.4157	3.2496
162.37	878.4157	3.25152
162.44	878.4157	3.25152
162.52	878.4157	3.24768
162.55	878.4157	3.2496
162.57	878.4157	3.24768
162.62	878.4157	3.25152
163.99	880.4468	3.28128
164.12	887.6237	3.27936
164.29	887.6237	3.28872
164.31	887.6237	3.28872
164.33	887.6237	3.29064
164.35	887.6237	3.29064
164.37	887.6237	3.29064
164.4	887.6237	3.29064
164.43	887.6237	3.29424

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
120.52	489.2757	1.86282
120.57	489.2757	1.86426
120.66	489.2757	1.86282
120.69	489.2757	1.86282
120.71	489.2757	1.86426
120.73	489.2757	1.86282
120.74	489.2757	1.86426
120.76	489.2757	1.86138
120.77	489.2757	1.86138
120.78	489.2757	1.86138
120.79	489.2757	1.86282
120.8	489.2757	1.86138
120.8	489.2757	1.86138
120.81	489.2757	1.86138
120.82	489.2757	1.86138
120.82	489.2757	1.86012
120.83	489.2757	1.86138
121.71	497.2488	1.87956
121.76	497.2488	1.881
121.98	497.2488	1.88244
121.99	497.2488	1.88388
122.06	505.6108	1.88946
122.08	505.6108	1.89072
122.09	505.6108	1.88658
122.13	505.6108	1.89216
122.15	505.6108	1.89072
122.18	505.6108	1.88946
122.23	505.6108	1.88946
122.24	505.6108	1.88946
122.24	505.6108	1.88946
122.24	505.6108	1.89072
122.27	505.6108	1.89072
122.29	505.6108	1.89072
122.32	505.6108	1.89072
122.36	505.6108	1.89216
122.39	505.6108	1.89216
122.44	505.6108	1.89216
122.51	505.6108	1.89072
122.54	505.6108	1.89216
122.57	505.6108	1.89072
122.58	505.6108	1.89216
122.6	505.6108	1.89216
122.61	505.6108	1.89072
122.62	505.6108	1.89072
122.63	505.6108	1.89072
122.64	505.6108	1.88946
122.65	505.6108	1.88946
122.66	505.6108	1.88946
122.67	505.6108	1.88946
122.67	505.6108	1.88802
122.68	505.6108	1.88946
122.72	505.6108	1.89504

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.35	411.8465	2.8004
193.41	412.3203	2.799
193.7	412.7942	2.8044
193.89	413.2498	2.8071
194.08	413.7145	2.8085
194.51	414.1792	2.8166
194.68	414.6439	2.8179
194.92	415.1268	2.822
194.99	415.2817	2.822
195.12	415.2817	2.826
195.17	415.2817	2.8247
195.28	415.2817	2.826
195.31	415.2817	2.826
195.37	415.7282	2.8274
195.48	416.1929	2.8287
195.74	416.6667	2.8341
196.03	417.1223	2.8368
196.37	417.5961	2.8422
196.56	418.0517	2.8449
196.81	418.5346	2.8503
197.12	418.5346	2.8544
197.31	418.5346	2.8571
197.35	418.972	2.8571
197.41	419.4367	2.8584
197.63	419.9014	2.8598
198.32	420.3843	2.8706
198.84	420.849	2.8773
198.99	421.332	2.8814
199.1	421.332	2.8841
199.18	421.332	2.8827
199.25	421.332	2.8854
199.37	421.332	2.8868
199.41	421.7876	2.8854
199.65	422.2614	2.8895
199.99	422.5256	2.8949
200.13	422.9812	2.8976
200.5	423.455	2.903
200.67	423.9106	2.9057
200.95	424.3936	2.9097
201.09	424.3936	2.9124
201.13	424.3936	2.9111
201.27	424.3936	2.9124
201.33	424.3936	2.9124
201.38	424.84	2.9151
201.47	425.2956	2.9165
201.71	425.7512	2.9192
201.78	425.7512	2.9205
201.85	425.7512	2.9219
202.04	426.2068	2.9232
202.41	426.6715	2.93
202.64	427.1271	2.9327
202.73	427.5918	2.9354

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
164.45	887.6237	3.29256
164.48	887.6237	3.29256
164.52	887.6237	3.29424
164.56	887.6237	3.29424
164.68	887.6237	3.29064
164.71	887.6237	3.29256
164.72	887.6237	3.28872
164.73	887.6237	3.29064
164.75	887.6237	3.29064
164.76	887.6237	3.29064
164.77	887.6237	3.28872
164.78	887.6237	3.29064
164.8	887.6237	3.29256
164.81	887.6237	3.29256
164.83	887.6237	3.29424
165.44	887.6237	3.31104
165.99	887.6237	3.3204
166.09	891.686	3.3204
166.26	891.686	3.32784
166.34	891.686	3.32976
166.55	891.686	3.33168
167.99	891.686	3.3576
168.09	893.5818	3.35952
168.3	893.5818	3.3708
168.33	893.5818	3.36888
168.53	893.5818	3.36888
169.29	893.988	3.38568
169.62	893.988	3.39504
169.99	893.988	3.39672
170.11	898.1858	3.40056
170.3	898.1858	3.40992
170.34	898.1858	3.40992
170.53	898.1858	3.408
171.72	898.4566	3.43416
171.76	898.4566	3.43776
171.99	898.4566	3.43968
172.11	898.9982	3.43968
172.3	898.9982	3.45096
172.35	898.9982	3.44904
172.52	898.9982	3.44712
173.57	899.4045	3.47328
173.99	900.4878	3.4788
174.26	900.4878	3.48816
174.3	900.4878	3.48816
174.33	900.4878	3.49008
174.37	900.4878	3.49176
174.55	900.4878	3.49008
174.57	900.4878	3.48624
174.59	900.4878	3.48816
174.64	900.894	3.49176
175.05	900.894	3.50112
175.99	900.894	3.51792

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
122.78	505.6108	1.8963
123.99	505.6108	1.91448
124.04	510.6669	1.91448
124.07	510.6669	1.91034
124.11	510.6669	1.91736
124.12	510.6669	1.91736
124.17	510.6669	1.92006
124.21	510.6669	1.92006
124.23	510.6669	1.92006
124.25	510.6669	1.92006
124.26	510.6669	1.92438
124.28	510.6669	1.9215
124.3	510.6669	1.9215
124.32	510.6669	1.92006
124.35	510.6669	1.9215
124.38	510.6669	1.9215
124.41	510.6669	1.9215
124.46	510.6669	1.9215
124.54	510.6669	1.9215
124.57	510.6669	1.9215
124.59	510.6669	1.9215
124.61	510.6669	1.9215
124.63	510.6669	1.92006
124.64	510.6669	1.9215
124.65	510.6669	1.9215
124.66	510.6669	1.92006
124.67	510.6669	1.9188
124.68	510.6669	1.9188
124.68	510.6669	1.92006
124.69	510.6669	1.9188
124.7	510.6669	1.9188
124.71	510.6669	1.9188
124.74	511.4448	1.92438
124.83	511.4448	1.92564
125.99	511.4448	1.94814
126.06	518.8345	1.9467
126.08	518.8345	1.94814
126.09	518.8345	1.94814
126.12	518.8345	1.9467
126.16	518.8345	1.95228
126.18	518.8345	1.9494
126.2	518.8345	1.95372
126.22	518.8345	1.9494
126.24	518.8345	1.9467
126.27	518.8345	1.95084
126.29	518.8345	1.95228
126.31	518.8345	1.95084
126.33	518.8345	1.95228
126.35	518.8345	1.95372
126.38	518.8345	1.95372
126.41	518.8345	1.95228
126.55	518.8345	1.95084

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
203.09	427.5918	2.9408
203.17	427.5918	2.9408
203.2	427.5918	2.9408
203.3	427.5918	2.9435
203.38	428.0474	2.9435
203.43	428.5121	2.9448
203.64	428.995	2.9489
204.03	429.4689	2.9543
204.23	429.9336	2.9556
204.63	430.3983	2.9624
204.82	430.8539	2.9651
204.99	431.027	2.9678
205.12	431.027	2.9718
205.15	431.027	2.9718
205.31	431.027	2.9705
205.33	431.027	2.9718
205.43	431.4735	2.9732
205.61	431.9564	2.9772
206.02	432.4302	2.9826
206.48	432.904	2.988
207	433.3596	2.9975
207.09	433.3596	2.9988
207.14	433.3596	2.9988
207.25	433.3596	3.0002
207.33	433.3596	3.0002
207.35	433.8152	3.0015
207.44	434.2708	3.0029
207.51	434.2708	3.0042
207.71	434.2708	3.0069
207.93	434.7446	3.0096
208.3	435.2093	3.0164
208.48	435.674	3.0177
208.69	436.1478	3.0218
208.97	436.6308	3.0258
209.07	436.6308	3.0285
209.1	436.6308	3.0272
209.25	436.6308	3.0312
209.36	436.649	3.0299
209.43	437.1046	3.0312
209.72	437.5784	3.0366
209.99	437.5966	3.0407
210.28	438.0795	3.0434
210.75	438.5443	3.0502
211.1	438.5443	3.0583
211.14	438.5443	3.0569
211.26	438.5443	3.0583
211.35	438.5443	3.0583
211.37	439.009	3.0596
211.43	439.4646	3.061
211.8	439.9384	3.0664
212.28	440.4031	3.0731
212.68	440.8769	3.0785

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
176.13	904.9564	3.52344
176.26	904.9564	3.52728
176.29	904.9564	3.5292
176.31	904.9564	3.5292
176.34	904.9564	3.53088
176.36	904.9564	3.53088
176.4	904.9564	3.5292
176.44	904.9564	3.5328
176.59	904.9564	3.5292
176.61	904.9564	3.5292
176.63	904.9564	3.5292
176.64	904.9564	3.5292
176.66	904.9564	3.5292
176.68	904.9564	3.5292
176.79	904.9564	3.53664
177.14	904.9564	3.54576
177.99	904.9564	3.55896
178.29	904.9564	3.56832
178.32	904.9564	3.57
178.35	904.9564	3.56832
178.4	904.9564	3.57
178.51	904.9564	3.56832
178.55	904.9564	3.5664
178.57	904.9564	3.5664
178.59	904.9564	3.57192
179.47	904.9564	3.59064
179.73	904.9564	3.59256
179.99	904.9564	3.6
180.12	907.8	3.6
180.25	901.0294	3.89064
180.31	893.7172	3.89064
180.33	886.405	3.88872
180.37	879.2281	3.89256
180.42	871.9159	3.88872
180.55	879.2281	3.89064
180.58	886.405	3.89256
180.61	893.7172	3.89256
180.66	900.894	3.89064

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
126.57	518.8345	1.95084
126.59	518.8345	1.95084
126.6	518.8345	1.95084
126.62	518.8345	1.95228
126.63	518.8345	1.95084
126.64	518.8345	1.94814
126.65	518.8345	1.9494
126.66	518.8345	1.95084
126.67	518.8345	1.9494
126.67	518.8345	1.9494
126.68	518.8345	1.95084
126.69	518.8345	1.9494
126.7	518.8345	1.94814
126.72	518.8345	1.95372
127.66	518.8345	1.97046
127.72	518.8345	1.96758
127.99	518.8345	1.97316
128.05	524.085	1.97316
128.09	524.085	1.97748
128.14	524.085	1.98306
128.16	524.085	1.9746
128.18	524.085	1.98018
128.38	524.085	1.97748
129.86	525.4463	2.0025
129.99	528.3633	2.01096
130.01	528.3633	2.0025
130.05	528.3633	2.00124
130.07	528.3633	2.00826
130.16	528.3633	2.00682
130.21	528.3633	2.00826
130.24	528.3633	2.00952
130.26	528.3633	2.01384
130.27	528.3633	2.00952
130.3	528.3633	2.01096
130.32	528.3633	2.0124
130.34	528.3633	2.01096
130.38	528.3633	2.0124
130.42	528.3633	2.01384
130.45	528.3633	2.0124
130.6	528.3633	2.0124
130.62	528.3633	2.0124
130.64	528.3633	2.01096
130.66	528.3633	2.0124
130.67	528.3633	2.0124
130.68	528.3633	2.00952
130.69	528.3633	2.00952
130.7	528.3633	2.00952
130.71	528.3633	2.01096
131.14	531.2803	2.02212
131.5	531.2803	2.0277
131.65	532.0581	2.02914
131.99	532.0581	2.03886

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
213.13	440.8769	3.0853
213.2	440.8769	3.0866
213.34	441.3325	3.088
213.4	441.7972	3.0893
213.74	442.271	3.0947
214.17	442.7357	3.1015
214.55	443.2095	3.1069
214.99	443.41	3.1123
215.12	443.41	3.115
215.16	443.41	3.115
215.26	443.41	3.1163
215.31	443.41	3.1177
215.37	443.8474	3.1177
215.56	444.3303	3.1204
216.09	444.795	3.1285
216.45	445.2779	3.1325
216.81	445.7426	3.1393
217.1	445.7426	3.146
217.14	445.7426	3.1474
217.22	445.7426	3.146
217.29	445.7426	3.1447
217.31	445.7426	3.1447
217.34	445.7426	3.146
217.39	446.1982	3.1474
217.61	446.6811	3.1514
218.01	447.155	3.1568
218.39	447.6288	3.1622
218.47	447.6288	3.1622
218.55	447.647	3.1649
219.02	448.1117	3.1717
219.09	448.1117	3.173
219.14	448.1117	3.173
219.29	448.1117	3.1757
219.34	448.1208	3.1757
219.41	448.5855	3.1771
219.91	449.0502	3.1838
219.99	449.0502	3.1852
220.12	449.4967	3.1879
220.29	449.4967	3.1892
220.44	449.5149	3.1919
220.71	449.9979	3.1946
221.1	449.9979	3.2027
221.3	449.9979	3.2041
221.38	450.4534	3.2041
221.78	450.9181	3.2108
222.14	451.392	3.2162
222.69	451.8476	3.2243
223.05	452.3214	3.2311
223.09	452.3214	3.2311
223.14	452.3214	3.2338
223.32	452.3214	3.2311
223.4	452.3396	3.2338

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.06	538.8644	2.03472
132.11	538.8644	2.03616
132.22	538.8644	2.0376
132.24	538.8644	2.04174
132.38	538.8644	2.03886
132.41	538.8644	2.0376
133.5	538.8644	2.05704
133.99	546.0597	2.0655
134.03	546.0597	2.06262
134.12	546.0597	2.06406
134.14	546.0597	2.06406
134.17	546.0597	2.06694
134.2	546.0597	2.06694
134.21	546.0597	2.07252
134.25	546.0597	2.07108
134.27	546.0597	2.07108
134.29	546.0597	2.06964
134.32	546.0597	2.07108
134.35	546.0597	2.07108
134.39	546.0597	2.07252
134.45	546.0597	2.07108
134.54	546.0597	2.07252
134.57	546.0597	2.07108
134.58	546.0597	2.07108
134.6	546.0597	2.07108
134.62	546.0597	2.07252
134.63	546.0597	2.07108
134.64	546.0597	2.07108
134.65	546.0597	2.06964
134.69	546.8375	2.07378
135.99	546.8375	2.09484
136.08	553.4494	2.0934
136.12	553.4494	2.09898
136.14	553.4494	2.09484
136.17	553.4494	2.09754
136.22	553.4494	2.10186
136.28	553.4494	2.09754
137.1	555.0051	2.11014
137.99	555.0051	2.12418
138.02	560.0612	2.12976
138.11	560.0612	2.1312
138.24	560.2557	2.12562
139.99	562.3948	2.1564
140.1	562.3948	2.16198
140.18	562.3948	2.15352
140.21	562.3948	2.15496
140.24	562.9782	2.1564
141.66	573.4793	2.17998
141.99	573.4793	2.18142
142.01	578.7299	2.187
142.04	578.7299	2.187
142.08	578.7299	2.18574

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
223.48	452.7952	3.2351
224.17	453.269	3.2459
224.81	453.761	3.2554
224.99	453.761	3.2581
225.11	453.761	3.2608
225.19	453.761	3.2594
225.26	453.761	3.2608
225.33	453.761	3.2635
225.39	454.0891	3.2635
225.85	454.5538	3.2702
226.21	455.0276	3.2756
226.27	455.0276	3.277
226.31	455.0276	3.277
226.38	455.0276	3.2756
226.4	455.0458	3.2783
226.86	455.5105	3.2864
227.08	455.5105	3.2891
227.13	455.5105	3.2878
227.26	455.5105	3.2905
227.35	455.5105	3.2918
227.45	455.9752	3.2932
227.89	456.4399	3.2999
228.7	456.9137	3.3107
229.1	456.9137	3.3188
229.14	456.9137	3.3175
229.27	456.9137	3.3188
229.3	456.9137	3.3202
229.41	457.3602	3.3215
229.99	457.4513	3.3296
230.41	457.916	3.3364
231.1	457.916	3.3485
231.14	457.916	3.3472
231.21	457.916	3.3485
231.29	457.916	3.3472
231.3	457.916	3.3485
231.36	457.916	3.3485
231.75	458.3808	3.3553
232.15	458.8455	3.3621
232.62	459.3193	3.3675
233.09	459.3193	3.3769
233.14	459.3193	3.3756
233.31	459.3193	3.3769
233.37	459.3193	3.3783
233.42	459.7566	3.3796
234.78	460.2213	3.3999
234.99	460.2213	3.4026
235.07	460.2213	3.4053
235.12	460.2213	3.4066
235.25	460.2213	3.4053
235.35	460.2213	3.4066
235.37	460.3398	3.4066
236.01	460.8136	3.4188

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
142.11	578.7299	2.18574
142.14	578.7299	2.18988
142.18	578.7299	2.19132
142.32	578.7299	2.18844
142.36	578.7299	2.187
142.38	578.7299	2.187
142.4	578.7299	2.187
142.89	580.0912	2.19816
142.98	580.0912	2.19816
143.06	580.0912	2.20248
143.99	583.0081	2.21364
144.19	583.0081	2.21778
144.22	583.786	2.22066
144.28	583.786	2.22066
144.41	583.786	2.21922
145.39	594.0927	2.23596
145.99	594.0927	2.23884
146	601.6769	2.24442
146.03	601.6769	2.2401
146.15	601.6769	2.25
146.17	601.6769	2.24442
146.18	601.6769	2.24856
146.2	601.6769	2.2527
146.21	601.6769	2.24712
146.24	601.6769	2.25126
146.26	601.6769	2.2527
146.28	601.6769	2.25126
146.31	601.6769	2.25126
146.32	601.6769	2.25126
146.34	601.6769	2.2527
146.37	601.6769	2.25126
146.4	601.6769	2.2527
146.43	601.6769	2.2527
146.5	601.6769	2.25414
146.55	601.6769	2.2527
146.58	601.6769	2.25126
146.6	601.6769	2.2527
146.63	601.6769	2.2527
146.65	601.6769	2.25126
146.66	601.6769	2.25
146.67	601.6769	2.25126
146.68	601.6769	2.25
146.69	601.6769	2.25126
146.7	601.6769	2.25
146.71	601.6769	2.24856
146.71	601.6769	2.25
146.72	601.6769	2.25
146.73	601.6769	2.24856
146.74	601.6769	2.25126
147.98	604.5938	2.27088
147.99	605.1772	2.26944
148.04	605.1772	2.27502

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
237.09	460.8136	3.435
237.14	460.8136	3.435
237.23	460.8136	3.4336
237.33	460.8136	3.4377
237.38	461.2783	3.4377
237.51	461.2783	3.439
237.56	461.2783	3.4404
238.47	461.743	3.4512
238.55	461.743	3.4539
238.67	461.743	3.4552
238.93	461.743	3.4606
239	461.743	3.4606
239.04	461.743	3.462
239.38	461.743	3.466
239.73	462.2077	3.4714
239.99	462.3444	3.4755
241.08	462.3444	3.4917
241.14	462.3444	3.493
241.26	462.3444	3.493
241.35	462.3444	3.4944
241.48	462.8	3.4971
243.06	462.3353	3.5227
243.1	461.8706	3.5214
243.17	461.415	3.52
243.21	461.8706	3.5214
243.33	462.3353	3.5227
243.35	462.7909	3.5241
244.76	462.3262	3.543
244.99	462.4629	3.547
245.09	461.9799	3.5511
245.12	461.5243	3.5497
245.17	461.0596	3.5497
245.27	461.5243	3.5497
245.28	461.9799	3.5511
245.32	462.4355	3.5524
247.06	461.9708	3.5794
247.09	461.5061	3.5794
247.14	461.0414	3.5794
247.25	461.497	3.5808
247.31	461.9708	3.5794
247.48	462.4446	3.5835
247.79	461.9617	3.5875
247.85	462.4173	3.5889
248.23	461.9617	3.5943
249.08	461.4879	3.6078
249.12	461.0232	3.6091
249.17	460.5585	3.6078
249.3	461.0232	3.6091
249.32	461.5061	3.6118
249.99	461.5517	3.6213
250.21	461.0779	3.6226
250.27	461.5335	3.624

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
148.06	605.1772	2.27502
148.07	605.1772	2.2806
148.08	605.1772	2.2806
148.09	605.1772	2.27934
148.1	605.1772	2.2806
148.11	605.1772	2.2806
148.13	605.1772	2.28204
148.14	605.1772	2.28204
148.15	605.1772	2.27934
148.17	605.1772	2.28348
148.19	605.1772	2.2806
148.2	605.1772	2.2779
148.23	605.1772	2.28204
148.24	605.1772	2.2806
148.25	605.1772	2.28762
148.26	605.1772	2.28348
148.27	605.1772	2.27934
148.32	605.1772	2.2779
148.34	605.1772	2.2779
148.35	605.1772	2.2779
148.37	605.1772	2.27646
148.38	605.1772	2.27646
148.39	605.1772	2.2779
148.4	605.1772	2.2779
148.41	605.1772	2.27646
148.42	605.1772	2.27502
148.43	605.1772	2.27646
148.44	605.1772	2.27502
148.45	605.1772	2.27646
148.45	605.1772	2.27502
148.46	605.1772	2.27646
148.47	605.1772	2.2779
148.47	605.1772	2.27502
148.48	605.1772	2.27646
148.52	606.733	2.28348
149.99	606.733	2.30436
150.02	611.7891	2.30166
150.08	611.7891	2.30868
150.12	611.7891	2.30724
150.15	611.7891	2.30724
150.33	611.7891	2.30724
150.35	611.7891	2.30724
150.41	611.7891	2.31012
151.99	617.8175	2.33388
152.08	617.8175	2.33946
152.14	617.8175	2.33514
152.27	617.8175	2.33946
152.35	618.4009	2.33802
153.75	628.902	2.36034
153.99	628.902	2.36322
154.02	639.2087	2.36322
154.04	639.2087	2.36592

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
250.71	461.0687	3.6307
251.08	460.604	3.6375
251.12	460.1393	3.6375
251.17	459.6746	3.6375
251.3	460.1485	3.6361
251.32	460.604	3.6375
251.38	461.087	3.6402
251.89	460.6132	3.6483
252.96	460.1393	3.6632
253.07	459.6655	3.6659
253.11	459.1917	3.6672
253.16	458.7361	3.6659
253.29	459.1917	3.6672
253.31	459.6564	3.6686
253.36	460.1211	3.6686
253.83	459.6473	3.6753
253.88	460.112	3.6767
254.61	459.62	3.6875
254.99	459.9389	3.6929
255.06	459.456	3.6969
255.09	459.0004	3.6956
255.12	458.5357	3.6956
255.15	458.0709	3.6956
255.19	457.5971	3.6969
255.32	458.0709	3.6956
255.33	458.5357	3.6956
255.34	458.9912	3.6969
255.36	459.456	3.6969
256.68	458.9912	3.7172
257.07	458.5265	3.7239
257.11	458.0618	3.7226
257.16	457.5971	3.7239
257.21	458.0801	3.7266
257.37	458.5448	3.7266
257.99	458.0618	3.7361
258.59	457.588	3.7455
259.01	457.1233	3.7509
259.08	456.6586	3.7523
259.15	456.1939	3.7523
259.27	456.6768	3.755
259.34	457.1415	3.755
259.99	457.1142	3.7658
260.05	456.6495	3.7658
260.5	456.1848	3.7725
261.04	455.711	3.782
261.08	455.2463	3.782
261.16	454.7907	3.7806
261.23	455.2736	3.7833
261.37	455.7292	3.7847
261.74	455.2736	3.7901
262.1	454.8089	3.7968
262.95	454.3169	3.8076

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
154.07	639.2087	2.37294
154.09	639.2087	2.3688
154.11	639.2087	2.3715
154.12	639.2087	2.36736
154.13	639.2087	2.36736
154.15	639.2087	2.36736
154.17	639.2087	2.37294
154.18	639.2087	2.3688
154.19	639.2087	2.3688
154.2	639.2087	2.37438
154.21	639.2087	2.37438
154.22	639.2087	2.37294
154.22	639.2087	2.3715
154.24	639.2087	2.3715
154.25	639.2087	2.37438
154.27	639.2087	2.3715
154.28	639.2087	2.37006
154.36	639.2087	2.37006
154.4	639.2087	2.3688
154.42	639.2087	2.36736
154.43	639.2087	2.36736
154.45	639.2087	2.3688
154.46	639.2087	2.36736
154.47	639.2087	2.3688
154.48	639.2087	2.36736
154.49	639.2087	2.36736
154.5	639.2087	2.36736
154.51	639.2087	2.36736
154.52	639.2087	2.36736
154.53	639.2087	2.36736
154.53	639.2087	2.36736
154.54	639.2087	2.36592
154.55	639.2087	2.36736
154.56	639.2087	2.3688
154.94	639.2087	2.37996
155.02	639.2087	2.37852
155.99	639.2087	2.39256
156.05	643.6814	2.39382
156.08	643.6814	2.39382
156.09	643.6814	2.39814
156.11	643.6814	2.39814
156.12	643.6814	2.40228
156.14	643.6814	2.40084
156.15	643.6814	2.3967
156.18	643.6814	2.40084
156.19	643.6814	2.40498
156.2	643.6814	2.40372
156.2	643.6814	2.3994
156.22	643.6814	2.40228
156.23	643.6814	2.40228
156.24	643.6814	2.40498
156.25	643.6814	2.40498

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
263.07	453.8431	3.8103
263.11	453.3783	3.8117
263.17	452.9136	3.8117
263.29	453.3783	3.8117
263.34	453.8339	3.813
263.64	453.351	3.8171
264.2	452.8681	3.8265
264.81	452.3943	3.836
264.99	452.2303	3.8373
265.06	451.7564	3.84
265.09	451.2917	3.84
265.14	450.827	3.84
265.21	450.3623	3.84
265.27	450.827	3.84
265.3	451.2826	3.8414
265.36	451.7473	3.8427
266.04	451.2644	3.8535
266.3	450.7815	3.8562
266.59	450.3259	3.8616
267	449.8612	3.8684
267.06	449.3965	3.8684
267.11	448.9318	3.8697
267.15	448.4762	3.8684
267.2	448.9318	3.8684
267.36	449.4147	3.8711
267.78	448.95	3.8778
267.89	448.4762	3.8805
268.23	448.0206	3.8859
268.44	447.5468	3.8873
268.56	447.0821	3.8886
268.72	446.6082	3.8913
269.01	446.1253	3.8954
269.05	445.6515	3.8981
269.09	445.1868	3.8967
269.14	444.7312	3.8967
269.35	445.205	3.9008
269.5	444.7312	3.9021
269.81	444.2756	3.9075
269.87	443.8109	3.9075
269.99	443.8018	3.9089
270.1	443.3189	3.9129
270.14	442.8633	3.9129
270.48	442.3986	3.9183
270.69	441.9339	3.9197
270.74	441.46	3.921
270.93	440.9862	3.9237
271.06	440.5124	3.9264
271.1	440.0477	3.9264
271.15	439.583	3.9264
271.37	440.0659	3.9305
271.53	439.5921	3.9318
271.68	439.1274	3.9332

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
156.26	643.6814	2.40498
156.27	643.6814	2.40228
156.28	643.6814	2.40228
156.32	643.6814	2.3994
156.39	643.6814	2.3994
156.42	643.6814	2.39814
156.45	643.6814	2.39814
156.46	643.6814	2.3994
156.47	643.6814	2.39814
156.48	643.6814	2.39814
156.49	643.6814	2.39814
156.51	643.6814	2.39814
156.51	643.6814	2.39814
156.52	643.6814	2.3967
156.53	643.6814	2.39814
156.54	643.6814	2.3967
156.54	643.6814	2.3967
156.55	643.6814	2.39526
156.56	643.6814	2.39526
156.56	643.6814	2.3967
156.57	643.6814	2.3994
156.61	645.0427	2.40228
156.78	645.0427	2.40642
157.06	645.0427	2.412
157.13	645.0427	2.40786
157.71	645.0427	2.42046
157.88	645.0427	2.42316
157.98	645.0427	2.4219
157.99	647.1818	2.42748
158.07	647.1818	2.43018
158.08	647.1818	2.42748
158.11	647.1818	2.43018
158.12	647.1818	2.43018
158.15	647.1818	2.4246
158.17	647.1818	2.43018
158.19	647.1818	2.42604
158.2	647.1818	2.43162
158.23	647.1818	2.43162
158.25	647.1818	2.43306
158.27	647.1818	2.43162
158.28	647.1818	2.43162
158.3	647.1818	2.43162
158.33	647.1818	2.43162
158.35	647.1818	2.43306
158.37	647.1818	2.43162
158.45	647.1818	2.43018
158.48	647.1818	2.43162
158.5	647.1818	2.42748
158.51	647.1818	2.42874
158.52	647.1818	2.43018
158.54	647.1818	2.43018
158.55	647.1818	2.43018

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
271.89	438.6627	3.9386
272.06	438.198	3.9399
272.3	437.7151	3.944
272.43	437.2504	3.9453
272.56	436.7674	3.948
272.82	436.2936	3.9521
273.02	435.8107	3.9562
273.05	435.346	3.9562
273.08	434.8813	3.9562
273.1	434.4166	3.9562
273.14	433.9519	3.9575
273.2	433.4963	3.9562
273.29	433.9519	3.9562
273.3	434.4166	3.9575
273.33	434.8722	3.9575
273.6	434.4166	3.9629
273.72	433.9428	3.9656
273.8	433.4781	3.9656
274.11	433.0042	3.9697
274.28	432.5213	3.9724
274.29	432.0657	3.9724
274.32	431.5919	3.9737
274.46	432.0475	3.9751
274.58	431.5737	3.9778
274.77	431.109	3.9791
274.99	430.6352	3.9818
274.99	430.6352	3.9818
275.05	430.1522	3.9845
275.07	429.6784	3.9872
275.1	429.2228	3.9859
275.16	428.7672	3.9845
275.27	429.2228	3.9859
275.36	429.6784	3.9872
275.47	429.2137	3.9886
275.65	428.7308	3.9926
275.85	428.2661	3.994
276.04	427.7832	3.998
276.16	427.3093	3.9994
276.31	426.8355	4.0021
276.55	426.3617	4.0048
276.71	425.8879	4.0075
276.89	425.405	4.0115
276.94	424.9403	4.0115
277.05	424.4664	4.0142
277.08	424.0109	4.0142
277.12	423.5461	4.0129
277.3	424.0291	4.0156
277.55	423.5735	4.021
277.69	423.1088	4.0223
277.91	422.6259	4.0264
278.08	422.1611	4.0277
278.24	421.6873	4.0304

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
158.56	647.1818	2.42874
158.57	647.1818	2.42748
158.58	647.1818	2.42874
158.58	647.1818	2.42874
158.59	647.1818	2.42748
158.6	647.1818	2.42604
158.6	647.1818	2.42748
158.61	647.1818	2.42604
158.62	647.1818	2.42874
159.99	647.1818	2.4498
160.01	651.6545	2.45124
160.18	651.6545	2.4624
160.2	651.6545	2.45952
160.25	651.6545	2.45952
160.26	651.6545	2.45952
160.33	651.6545	2.46096
160.38	651.6545	2.45952
160.42	651.6545	2.45952
160.44	651.6545	2.45808
160.46	651.6545	2.45952
160.47	651.6545	2.45808
160.48	651.6545	2.45952
160.5	652.2379	2.46096
161.84	662.7391	2.48184
161.99	662.7391	2.4903
162.05	662.7391	2.48886
162.15	662.7391	2.48058
162.58	666.4339	2.49444
163.99	666.4339	2.51262
164.12	666.4339	2.5182
164.14	666.4339	2.5155
164.29	666.4339	2.5182
164.34	666.4339	2.5182
165.56	676.7406	2.53782
165.99	676.7406	2.54484
166.13	676.7406	2.54196
166.19	676.7406	2.54628
166.24	676.7406	2.54754
166.28	676.7406	2.54754
167.78	683.9358	2.5713
167.99	683.9358	2.5713
168.06	683.9358	2.57832
168.14	683.9358	2.57562
168.2	683.9358	2.57832
168.27	683.9358	2.57688
169.38	691.3255	2.5965
169.99	691.3255	2.60352
170	697.9374	2.60496
170.05	697.9374	2.60352
170.07	697.9374	2.6091
170.1	697.9374	2.60352
170.13	697.9374	2.60496

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
278.34	421.2135	4.0318
278.39	420.7488	4.0318
278.7	420.2659	4.0372
278.87	419.7921	4.0399
278.95	419.3274	4.0399
279.04	418.8535	4.0426
279.08	418.3888	4.0439
279.1	417.9332	4.0426
279.13	417.4594	4.0439
279.18	416.9947	4.0439
279.29	417.4594	4.0439
279.3	417.9241	4.0439
279.6	417.4412	4.0493
279.8	416.9583	4.052
279.99	416.7031	4.0547
280.09	416.2384	4.0561
280.3	415.7555	4.0601
280.36	415.2908	4.0601
280.54	414.817	4.0642
280.67	414.3432	4.0669
280.79	413.8785	4.0669
280.93	413.4047	4.0696
281.03	412.9308	4.0723
281.05	412.457	4.0736
281.07	412.0014	4.0723
281.1	411.5367	4.0736
281.14	411.0811	4.0723
281.18	410.6073	4.0736
281.24	410.1517	4.0723
281.31	410.6255	4.0709
281.32	411.0811	4.0723
281.33	411.5367	4.0736
281.55	411.0538	4.0777
281.7	410.58	4.0804
281.76	410.1153	4.0804
281.96	409.6415	4.0844
282.07	409.1676	4.0858
282.17	408.7029	4.0871
282.26	408.2382	4.0885
282.38	407.7644	4.0912
282.42	407.3088	4.0898
282.49	407.7644	4.0912
282.55	407.2906	4.0939
282.7	406.8259	4.0939
282.74	406.3521	4.0966
282.92	405.8783	4.0993
282.97	405.4227	4.0979
283.03	404.9489	4.0993
283.07	404.4933	4.0993
283.11	404.0195	4.1006
283.18	404.475	4.102
283.23	404.0195	4.102

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
170.19	697.9374	2.60352
170.35	697.9374	2.6091
170.37	697.9374	2.6091
170.38	697.9374	2.60766
170.4	697.9374	2.60766
170.48	697.9374	2.6118
171.99	700.0765	2.62998
172.07	700.0765	2.6343
172.09	700.0765	2.637
172.1	700.0765	2.63286
172.22	700.0765	2.637
172.23	700.0765	2.637
172.28	700.0765	2.63844
173.87	710.3832	2.6622
173.99	710.3832	2.6622
174.07	710.3832	2.66778
174.08	710.3832	2.66634
174.1	710.3832	2.67192
174.12	710.3832	2.67066
174.13	710.3832	2.67066
174.14	710.3832	2.66778
174.16	710.3832	2.66778
174.18	710.3832	2.66634
174.2	710.3832	2.67192
174.21	710.3832	2.67192
174.22	710.3832	2.67066
174.23	710.3832	2.67066
174.25	710.3832	2.67192
174.26	710.3832	2.67336
174.28	710.3832	2.67192
174.29	710.3832	2.67192
174.3	710.3832	2.66922
174.42	710.3832	2.66922
174.44	710.3832	2.66778
174.45	710.3832	2.66922
174.47	710.3832	2.66778
174.48	710.3832	2.66778
174.49	710.3832	2.66634
174.5	710.3832	2.66634
174.51	710.3832	2.66922
174.52	710.3832	2.66778
174.52	710.3832	2.66778
174.53	710.3832	2.66634
174.54	710.3832	2.66634
174.55	710.3832	2.66778
174.55	710.3832	2.66778
174.56	710.3832	2.66778
174.57	710.3832	2.66634
174.58	710.3832	2.67066
175.99	718.5507	2.69298
176.06	718.5507	2.7
176.07	718.5507	2.69856

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
283.51	403.5365	4.106
283.59	403.0718	4.1074
283.69	402.598	4.1087
283.84	402.1242	4.1114
283.87	401.6686	4.1114
284.01	401.1948	4.1141
284.11	400.721	4.1155
284.27	400.2471	4.1182
284.32	399.7916	4.1182
284.41	399.3177	4.1195
284.47	398.853	4.1209
284.58	398.3883	4.1209
284.68	397.9145	4.1236
284.78	397.4498	4.1249
284.92	396.9851	4.1263
284.97	396.5113	4.1276
284.99	396.484	4.1276
285.03	396.0101	4.1303
285.06	395.5454	4.1317
285.08	395.0807	4.1303
285.11	394.616	4.1317
285.14	394.1513	4.1317
285.18	393.6957	4.1317
285.25	393.231	4.1317
285.3	393.6957	4.1303
285.31	394.1513	4.1317
285.34	394.616	4.1317
285.47	394.1422	4.1344
285.53	393.6684	4.1371
285.57	393.2128	4.1371
285.7	392.7481	4.1371
285.78	392.2743	4.1398
285.83	391.8096	4.1398
285.95	391.3449	4.1411
286.04	390.8802	4.1425
286.12	390.4063	4.1438
286.22	389.9416	4.1452
286.33	389.4678	4.1479
286.38	389.0031	4.1492
286.49	388.5384	4.1492
286.58	388.0737	4.1506
286.63	387.5999	4.1519
286.73	387.1352	4.1533
286.78	386.6705	4.1533
286.96	386.1967	4.1573
287.02	385.7229	4.1587
287.05	385.2673	4.1587
287.08	384.8026	4.1587
287.11	384.3379	4.16
287.15	383.8732	4.16
287.24	383.4176	4.1587
287.26	383.8732	4.16

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
176.09	718.5507	2.69568
176.13	718.5507	2.7
176.14	718.5507	2.70126
176.16	718.5507	2.70558
176.18	718.5507	2.69712
176.19	718.5507	2.7
176.21	718.5507	2.70126
176.22	718.5507	2.70126
176.24	718.5507	2.70684
176.25	718.5507	2.7027
176.26	718.5507	2.70126
176.28	718.5507	2.7027
176.29	718.5507	2.70126
176.31	718.5507	2.70126
176.33	718.5507	2.70126
176.45	718.5507	2.69856
176.47	718.5507	2.69856
176.49	718.5507	2.69856
176.5	718.5507	2.69856
176.51	718.5507	2.69856
176.52	718.5507	2.69856
176.53	718.5507	2.69856
176.54	718.5507	2.69856
176.55	718.5507	2.69568
176.55	718.5507	2.69568
176.56	718.5507	2.69712
176.57	718.5507	2.69568
176.58	718.5507	2.69712
176.58	718.5507	2.69568
176.59	718.5507	2.69856
176.59	718.5507	2.69856
176.61	718.5507	2.70126
177.15	718.5507	2.71242
177.22	718.5507	2.71242
177.99	720.6899	2.72088
178	730.9965	2.72502
178.02	730.9965	2.72502
178.03	730.9965	2.7279
178.05	730.9965	2.7279
178.06	730.9965	2.73204
178.07	730.9965	2.73348
178.08	730.9965	2.72934
178.09	730.9965	2.7306
178.1	730.9965	2.73762
178.11	730.9965	2.73492
178.11	730.9965	2.73492
178.12	730.9965	2.73204
178.12	730.9965	2.7279
178.13	730.9965	2.7279
178.16	730.9965	2.73492
178.17	730.9965	2.7306
178.18	730.9965	2.73492

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
287.5	383.3993	4.1641
287.56	382.9255	4.1654
287.68	382.4608	4.1668
287.76	381.9961	4.1681
287.82	381.5223	4.1695
287.92	381.0667	4.1695
288.02	380.5929	4.1722
288.11	380.1191	4.1735
288.14	379.6635	4.1735
288.27	379.1897	4.1762
288.35	378.725	4.1762
288.4	378.2603	4.1776
288.49	377.7955	4.1789
288.6	377.3217	4.1803
288.67	376.857	4.1816
288.75	376.3923	4.1816
288.84	375.9276	4.1843
288.9	375.4629	4.1843
288.97	374.9982	4.1857
289.03	374.5244	4.187
289.06	374.0597	4.1884
289.09	373.595	4.1884
289.14	373.1394	4.1884
289.42	372.6565	4.1924
289.49	372.2009	4.1924
289.59	371.7271	4.1951
289.71	371.2532	4.1965
289.76	370.7885	4.1978
289.79	370.3238	4.1978
289.93	369.8591	4.1992
289.99	369.604	4.2019
290.07	369.1393	4.2019
290.12	368.6746	4.2032
290.23	368.2099	4.2046
290.28	367.7452	4.2046
290.36	367.2805	4.2046
290.45	366.8158	4.2073
290.54	366.342	4.2086
290.64	365.8772	4.21
290.73	365.4125	4.2113
290.81	364.9478	4.2127
290.85	364.4831	4.2127
290.92	364.0184	4.214
290.96	363.5446	4.2154
291.05	363.0799	4.2181
291.07	362.6152	4.2181
291.1	362.1505	4.2181
291.14	361.6858	4.2194
291.17	361.2302	4.2181
291.21	360.7655	4.2181
291.29	361.2393	4.2167
291.29	361.7131	4.2194

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
178.19	730.9965	2.73492
178.2	730.9965	2.7306
178.23	730.9965	2.72502
178.26	730.9965	2.7279
178.3	730.9965	2.72646
178.32	730.9965	2.72646
178.33	730.9965	2.7279
178.35	730.9965	2.72646
178.36	730.9965	2.72646
178.37	730.9965	2.72646
178.38	730.9965	2.72646
178.39	730.9965	2.72646
178.4	730.9965	2.72646
178.41	730.9965	2.72646
178.42	730.9965	2.72502
178.42	730.9965	2.72646
178.43	730.9965	2.72502
178.44	730.9965	2.72502
178.45	730.9965	2.72646
178.45	730.9965	2.72646
178.46	730.9965	2.7279
179.98	730.9965	2.75868
179.99	730.9965	2.75724
180.07	730.9965	2.7558
180.09	730.9965	2.7531
180.11	730.9965	2.75994
180.12	730.9965	2.75868
180.17	730.9965	2.75994
180.24	730.9965	2.75994
180.3	730.9965	2.75994
180.41	730.9965	2.75868
180.43	730.9965	2.75868
180.45	730.9965	2.75994
180.46	730.9965	2.75868
180.47	730.9965	2.75868
180.49	730.9965	2.75868
180.52	730.9965	2.75994
181.97	740.5254	2.78802
181.98	740.5254	2.78928
181.99	740.5254	2.79072
182.03	740.5254	2.7837
182.19	740.5254	2.78658
182.31	740.5254	2.78928
182.34	740.5254	2.79072
182.78	740.5254	2.7963
183.99	740.5254	2.81178
184.12	740.5254	2.82006
184.13	740.5254	2.82006
184.15	740.5254	2.81448
184.17	740.5254	2.82438
184.18	740.5254	2.82006
184.18	740.5254	2.81736

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
291.49	361.2393	4.2235
291.51	361.1482	4.2235

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
184.2	740.5254	2.8215
184.22	740.5254	2.82294
184.24	740.5254	2.82006
184.26	740.5254	2.82294
184.27	740.5254	2.8215
184.3	740.5254	2.82294
184.32	740.5254	2.8215
184.35	740.5254	2.8215
184.37	740.5254	2.8215
184.41	740.5254	2.8215
184.53	740.5254	2.8215
184.55	740.5254	2.82006
184.57	740.5254	2.82006
184.59	740.5254	2.8215
184.6	740.5254	2.8215
184.61	740.5254	2.82006
184.62	740.5254	2.82006
184.63	740.5254	2.82006
184.63	740.5254	2.8188
184.64	740.5254	2.8188
184.65	740.5254	2.8188
184.66	740.5254	2.82006
184.66	740.5254	2.8188
184.67	740.5254	2.8188
184.68	740.5254	2.8188
184.69	740.5254	2.8188
184.7	750.832	2.8215
184.92	750.832	2.82996
185.65	750.832	2.83824
185.98	750.832	2.84526
186.04	753.5546	2.84382
186.09	753.5546	2.84526
186.15	753.5546	2.84526
186.18	753.5546	2.8494
186.55	753.5546	2.85084
187.98	760.9443	2.87316
188.01	760.9443	2.87604
188.08	760.9443	2.87748
188.13	760.9443	2.87604
188.18	760.9443	2.87748
188.24	760.9443	2.87604
188.29	760.9443	2.87874
189.42	760.9443	2.89566
189.98	760.9443	2.90682
190.03	766.0004	2.90538
190.07	766.0004	2.91366
190.08	766.0004	2.90952
190.09	766.0004	2.91366
190.1	766.0004	2.90682
190.11	766.0004	2.90952
190.12	766.0004	2.91366
190.13	766.0004	2.9124

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
190.14	766.0004	2.90682
190.15	766.0004	2.90682
190.17	766.0004	2.90808
190.18	766.0004	2.90952
190.2	766.0004	2.9124
190.21	766.0004	2.91096
190.22	766.0004	2.9124
190.23	766.0004	2.9124
190.25	766.0004	2.9124
190.26	766.0004	2.91096
190.28	766.0004	2.91096
190.39	766.0004	2.90682
190.4	766.0004	2.90952
190.42	766.0004	2.90808
190.44	766.0004	2.90808
190.45	766.0004	2.90682
190.46	766.0004	2.90808
190.47	766.0004	2.90808
190.48	766.0004	2.90682
190.49	766.0004	2.90682
190.5	766.0004	2.90808
190.51	766.0004	2.90808
190.51	766.0004	2.90808
190.52	766.0004	2.90682
190.53	766.0004	2.90682
190.54	766.0004	2.90682
190.54	766.0004	2.90682
190.55	766.0004	2.90808
190.57	766.0004	2.91096
191.41	766.0004	2.925
191.71	766.5838	2.93058
191.98	775.5292	2.92914
192.05	775.5292	2.94318
192.06	775.5292	2.93886
192.07	775.5292	2.93742
192.08	775.5292	2.93742
192.1	775.5292	2.93886
192.1	775.5292	2.93616
192.11	775.5292	2.93886
192.13	775.5292	2.93742
192.13	775.5292	2.9403
192.14	775.5292	2.93886
192.15	775.5292	2.94174
192.16	775.5292	2.94588
192.16	775.5292	2.93472
192.17	775.5292	2.94174
192.19	775.5292	2.94174
192.21	775.5292	2.93472
192.22	775.5292	2.94318
192.23	775.5292	2.94174
192.26	775.5292	2.9403
192.34	775.5292	2.93886

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
192.37	775.5292	2.93886
192.39	775.5292	2.93742
192.4	775.5292	2.93742
192.42	775.5292	2.93742
192.43	775.5292	2.93742
192.44	775.5292	2.93742
192.45	775.5292	2.93742
192.46	775.5292	2.93616
192.46	775.5292	2.93616
192.47	775.5292	2.93742
192.48	775.5292	2.93616
192.49	775.5292	2.93472
192.49	775.5292	2.93472
192.5	775.5292	2.93472
192.5	775.5292	2.93616
192.51	775.5292	2.93616
192.52	775.5292	2.93742
192.54	775.5292	2.94174
192.8	775.5292	2.94732
193.92	775.5292	2.96262
193.98	780.5853	2.96676
194.01	780.5853	2.96676
194.04	780.5853	2.96964
194.05	780.5853	2.9682
194.07	780.5853	2.96964
194.08	780.5853	2.97252
194.09	780.5853	2.9682
194.11	780.5853	2.97108
194.12	780.5853	2.9682
194.13	780.5853	2.96964
194.16	780.5853	2.9682
194.17	780.5853	2.96964
194.19	780.5853	2.96964
194.21	780.5853	2.97108
194.22	780.5853	2.96964
194.24	780.5853	2.96964
194.26	780.5853	2.97252
194.28	780.5853	2.97252
194.3	780.5853	2.96964
194.4	780.5853	2.96964
194.41	780.5853	2.9682
194.43	780.5853	2.9682
194.44	780.5853	2.9682
194.46	780.5853	2.9682
194.47	780.5853	2.9682
194.48	780.5853	2.96676
194.49	780.5853	2.9682
194.5	780.5853	2.96676
194.51	780.5853	2.9682
194.51	780.5853	2.96676
194.52	780.5853	2.9682
194.53	780.5853	2.96676

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
194.54	780.5853	2.9655
194.54	780.5853	2.96676
194.55	780.5853	2.96676
194.55	780.5853	2.9682
194.58	780.5853	2.96964
195.97	780.5853	2.99196
195.98	780.5853	2.99196
196	787.1971	2.9934
196.03	787.1971	2.99898
196.05	787.1971	2.99898
196.06	787.1971	2.99898
196.07	787.1971	2.99754
196.08	787.1971	3.00042
196.12	787.1971	2.99196
196.19	787.1971	3.00042
196.22	787.1971	2.99898
196.25	787.1971	3.00042
196.32	787.1971	2.99898
196.35	787.1971	2.99754
196.37	787.1971	2.99754
196.39	787.1971	2.99754
196.4	787.1971	2.99754
196.41	787.1971	2.99754
196.42	787.1971	2.99628
196.44	787.1971	2.99754
196.45	787.1971	3.00042
197.98	792.2532	3.02976
198	792.2532	3.02832
198.02	792.2532	3.02832
198.05	792.2532	3.02688
198.06	792.2532	3.02976
198.08	792.2532	3.0312
198.1	792.2532	3.02688
198.12	792.2532	3.02688
198.13	792.2532	3.02832
198.28	792.2532	3.02832
198.31	792.2532	3.02688
198.33	792.2532	3.02688
198.35	792.2532	3.02688
198.36	792.2532	3.02832
198.37	792.2532	3.02688
198.39	792.2532	3.02688
198.42	792.2532	3.02976
198.91	792.2532	3.03804
198.96	792.2532	3.03804
199.97	802.5599	3.05766
199.98	802.5599	3.06054
200.05	802.5599	3.05622
200.08	802.5599	3.05766
200.22	802.5599	3.05766
201.34	802.5599	3.0744
201.98	804.699	3.08286

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.01	804.699	3.08988
202.02	804.699	3.087
202.05	804.699	3.08844
202.06	804.699	3.08286
202.09	804.699	3.08556
202.1	804.699	3.08988
202.11	804.699	3.08286
202.13	804.699	3.0843
202.15	804.699	3.087
202.17	804.699	3.087
202.31	804.699	3.08844
202.34	804.699	3.087
202.34	804.699	3.087
202.35	804.699	3.087
202.35	804.699	3.08556
202.35	804.699	3.08556
202.36	804.699	3.08844
202.37	804.699	3.08556
202.38	804.699	3.08844
202.45	806.0603	3.09258
203.17	806.0603	3.10374
203.49	806.0603	3.10518
203.98	806.0603	3.1122
204.08	806.0603	3.12066
204.1	806.0603	3.11634
204.17	806.0603	3.11922
204.27	806.0603	3.11634
204.29	806.0603	3.1149
204.32	806.0603	3.11778
205.96	814.8112	3.14298
205.98	816.9504	3.14712
206.04	816.9504	3.14442
206.11	816.9504	3.15
206.13	816.9504	3.14568
206.15	816.9504	3.14712
206.23	816.9504	3.14856
206.3	816.9504	3.14856
206.32	816.9504	3.14856
206.34	816.9504	3.14712
206.36	816.9504	3.14712
206.42	816.9504	3.1527
207.61	816.9504	3.168
207.97	817.5338	3.17088
207.98	817.5338	3.16944
208.04	817.5338	3.18204
208.05	817.5338	3.17934
208.06	817.5338	3.1806
208.07	817.5338	3.17502
208.1	817.5338	3.17934
208.11	817.5338	3.17376
208.13	817.5338	3.1806
208.14	817.5338	3.18492

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
208.15	817.5338	3.1806
208.15	817.5338	3.17934
208.18	817.5338	3.1806
208.19	817.5338	3.18204
208.2	817.5338	3.18204
208.21	817.5338	3.1806
208.22	817.5338	3.18204
208.23	817.5338	3.18204
208.24	817.5338	3.1806
208.26	817.5338	3.17934
208.38	817.5338	3.1779
208.4	817.5338	3.1779
208.42	817.5338	3.1779
208.44	817.5338	3.1779
208.45	817.5338	3.17934
208.46	817.5338	3.17934
208.47	817.5338	3.1779
208.48	817.5338	3.1779
208.49	817.5338	3.17646
208.5	817.5338	3.1779
208.5	817.5338	3.17646
208.51	817.5338	3.17646
208.52	817.5338	3.17646
208.52	817.5338	3.17502
208.53	817.5338	3.17646
208.54	817.5338	3.17646
208.54	817.5338	3.17646
208.56	817.5338	3.1806
209.98	817.5338	3.20166
209.98	817.5338	3.20436
210.07	817.5338	3.20724
210.14	817.5338	3.20994
210.38	824.1456	3.21282
210.5	824.1456	3.21282
210.97	824.1456	3.2184
211.97	824.1456	3.23244
211.98	824.1456	3.23244
212.06	824.1456	3.23658
212.07	824.1456	3.23802
212.2	824.1456	3.23928
212.25	824.1456	3.23658
212.28	824.1456	3.23802
212.34	828.4238	3.23802
213.09	828.4238	3.25332
213.16	829.0072	3.25188
213.93	839.5084	3.26448
213.96	839.5084	3.26736
213.98	839.5084	3.26178
214	839.5084	3.26736
214.01	839.5084	3.26592
214.04	839.5084	3.26304
214.09	839.5084	3.26592

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
214.23	839.5084	3.26592
214.25	839.5084	3.26448
214.27	839.5084	3.26736
215.29	839.5084	3.2841
215.35	839.5084	3.2841
215.93	844.5645	3.28968
215.98	844.5645	3.29238
216.01	844.5645	3.29814
216.03	844.5645	3.2994
216.05	844.5645	3.2994
216.06	844.5645	3.29814
216.07	844.5645	3.29526
216.12	844.5645	3.29526
216.17	844.5645	3.2967
216.18	844.5645	3.30084
216.2	844.5645	3.2994
216.22	844.5645	3.30084
216.37	844.5645	3.29814
216.4	844.5645	3.29814
216.41	844.5645	3.29814
216.43	844.5645	3.29814
216.44	844.5645	3.29814
216.45	844.5645	3.2967
216.46	844.5645	3.29814
216.46	844.5645	3.2967
216.47	844.5645	3.2967
216.49	844.5645	3.29814
216.53	845.1479	3.30084
216.61	845.1479	3.30372
216.66	845.1479	3.30372
216.73	845.1479	3.30498
217.94	845.1479	3.32316
217.98	845.1479	3.3219
218.03	845.1479	3.32874
218.03	845.1479	3.3246
218.07	845.1479	3.3246
218.12	845.1479	3.33162
218.13	845.1479	3.3246
218.23	845.1479	3.33018
218.33	845.1479	3.32748
218.35	845.1479	3.32748
218.37	845.1479	3.32748
218.38	845.1479	3.32874
218.4	845.1479	3.32748
218.43	845.1479	3.33018
219.98	845.1479	3.35124
220.02	845.1479	3.35394
220.06	845.1479	3.35682
220.14	845.1479	3.35538
220.21	845.1479	3.35808
220.29	845.1479	3.35682
221.98	845.1479	3.37914

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
222	852.1487	3.38616
222.03	852.1487	3.38616
222.05	852.1487	3.38742
222.07	852.1487	3.38886
222.07	852.1487	3.3903
222.08	852.1487	3.38742
222.1	852.1487	3.38616
222.11	852.1487	3.3903
222.14	852.1487	3.38886
222.15	852.1487	3.3903
222.18	852.1487	3.38886
222.2	852.1487	3.38616
222.35	852.1487	3.38742
222.38	852.1487	3.38886
222.4	852.1487	3.38742
222.41	852.1487	3.38742
222.42	852.1487	3.38886
222.43	852.1487	3.38742
222.44	852.1487	3.38742
222.45	852.1487	3.38886
222.46	852.1487	3.38742
222.48	852.1487	3.38742
222.5	852.1487	3.3903
223.19	852.1487	3.4029
223.98	852.1487	3.41262
224.1	852.1487	3.4155
224.14	852.1487	3.41964
224.54	852.1487	3.42252
224.61	852.1487	3.42378
225.07	852.1487	3.4308
225.98	860.8996	3.44052
225.98	863.0387	3.43926
226.02	863.0387	3.45042
226.03	863.0387	3.45186
226.04	863.0387	3.456
226.05	863.0387	3.44754
226.05	863.0387	3.45186
226.06	863.0387	3.4461
226.06	863.0387	3.456
226.07	863.0387	3.45456
226.08	863.0387	3.45186
226.08	863.0387	3.45456
226.09	863.0387	3.44898
226.09	863.0387	3.45042
226.1	863.0387	3.45312
226.11	863.0387	3.45312
226.11	863.0387	3.45456
226.12	863.0387	3.45456
226.12	863.0387	3.45312
226.13	863.0387	3.45186
226.14	863.0387	3.45042
226.16	863.0387	3.45042

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
226.24	863.0387	3.44484
226.25	863.0387	3.44484
226.26	863.0387	3.4434
226.27	863.0387	3.44484
226.28	863.0387	3.44484
226.29	863.0387	3.4434
226.3	863.0387	3.4434
226.3	863.0387	3.4434
226.31	863.0387	3.44196
226.32	863.0387	3.4434
226.32	863.0387	3.4434
226.33	863.0387	3.44196
226.33	863.0387	3.44196
226.34	863.0387	3.4434
226.34	863.0387	3.4434
226.35	863.0387	3.4434
226.36	863.0387	3.44484
226.37	863.0387	3.4461
226.41	863.0387	3.45042
227.98	863.0387	3.47418
228.02	863.0387	3.47562
228.07	863.0387	3.47688
228.09	863.0387	3.47562
228.12	863.0387	3.47976
228.14	863.0387	3.47562
228.22	863.0387	3.47562
229.98	863.0387	3.50766
230.02	863.0387	3.50064
230.04	863.0387	3.50766
230.08	863.0387	3.51054
230.09	863.0387	3.50496
230.11	863.0387	3.50208
230.15	863.0387	3.5091
230.28	863.0387	3.50622
230.31	863.0387	3.50766
230.33	863.0387	3.50766
230.34	863.0387	3.50766
230.36	863.0387	3.50766
230.39	863.0387	3.5091
231.95	864.0111	3.53844
231.98	864.0111	3.53556
232.03	864.0111	3.54546
232.04	864.0111	3.54258
232.04	864.0111	3.53988
232.05	864.0111	3.54402
232.05	864.0111	3.54258
232.06	864.0111	3.54114
232.07	864.0111	3.54672
232.07	864.0111	3.54672
232.08	864.0111	3.53988
232.08	864.0111	3.54402
232.09	864.0111	3.54258

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
232.09	864.0111	3.54114
232.1	864.0111	3.53988
232.11	864.0111	3.54816
232.12	864.0111	3.54402
232.12	864.0111	3.54114
232.13	864.0111	3.54402
232.14	864.0111	3.53556
232.17	864.0111	3.53844
232.25	864.0111	3.53556
232.26	864.0111	3.537
232.27	864.0111	3.53556
232.29	864.0111	3.53556
232.29	864.0111	3.53556
232.3	864.0111	3.53556
232.31	864.0111	3.53286
232.32	864.0111	3.5343
232.33	864.0111	3.53556
232.33	864.0111	3.5343
232.34	864.0111	3.5343
232.35	864.0111	3.53556
232.35	864.0111	3.5343
232.36	864.0111	3.53286
232.37	864.0111	3.5343
232.38	864.0111	3.5343
232.38	864.0111	3.53556
232.39	864.0111	3.537
233.93	864.0111	3.56364
233.98	864.0111	3.56634
234.03	864.0111	3.56364
234.05	864.0111	3.56364
234.11	864.0111	3.57048
234.13	864.0111	3.56922
234.15	864.0111	3.57048
234.16	864.0111	3.56778
234.22	864.0111	3.56634
234.25	864.0111	3.56634
234.27	864.0111	3.5649
234.32	864.0111	3.56922
235.38	864.0111	3.58452
235.61	864.0111	3.58866
235.96	864.0111	3.59298
235.98	864.0111	3.59568
236.02	864.0111	3.59856
236.04	864.0111	3.59424
236.08	864.0111	3.6
236.12	864.0111	3.59568
236.23	864.0111	3.59712
236.26	864.0111	3.59856
236.29	864.0111	3.59712
236.33	864.0111	3.59856
236.77	864.0111	3.60558
236.82	864.0111	3.60558

UCS Test Results@ 28 days, Stage Four

S3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
237.92	864.4	3.62232
237.96	853.8989	3.65166
237.96	843.5922	3.65724
237.98	833.2855	3.65436
237.98	831.7298	3.65868
238	821.4231	3.68514
238.01	810.9219	3.68928
238.02	800.6153	3.6837
238.02	790.3086	3.68658

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002		0.05655
0.3914	34.5587	0.06162
1.9998	39.92931	0.07774
3.6604	51.83806	0.0949
3.9997	51.83806	0.10088
4.1158	51.83806	0.10192
4.2428	51.83806	0.10192
4.4996	56.27465	0.10491
5.9995	60.01072	0.12207
7.9993	60.01072	0.14326
9.8358	71.68596	0.16146
9.9992	71.68596	0.16549
11.59	77.05657	0.18161
11.643	77.05657	0.18265
11.999	77.05657	0.18668
13.999	77.05657	0.20787
14.384	80.79265	0.2119
15.999	80.79265	0.2301
17.999	80.79265	0.25233
18.482	88.96531	0.25636
19.838	88.96531	0.27248
19.947	88.96531	0.27144
19.998	88.96531	0.27352
21.998	88.96531	0.29575
22.24	96.90447	0.29679
23.998	96.90447	0.31694
24.063	98.77251	0.3159
24.225	98.77251	0.31993
24.35	98.77251	0.32097
25.998	98.77251	0.33917
26.144	104.1431	0.33917
27.998	107.8792	0.36036
29.998	114.1838	0.38246
31.997	114.1838	0.40378
32.167	117.6864	0.40469
33.997	119.5544	0.42588
35.997	125.8591	0.44811
36.156	125.8591	0.44811
36.571	125.8591	0.45214
37.93	125.8591	0.46735
37.997	125.8591	0.46826
38.108	126.7931	0.4693
39.811	126.7931	0.48854
39.852	126.7931	0.48854
39.997	126.7931	0.49049
40.053	126.7931	0.48945
40.083	126.7931	0.48945
40.123	129.3616	0.49049
41.997	132.1637	0.51168
43.71	143.8389	0.52988
43.716	143.8389	0.52988
43.996	143.8389	0.53287

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002		-0.0094
0.589	45.11191	-0.0016
1.5821	45.11191	0.0264
1.6235	45.11191	0.028
1.8299	45.11191	0.0046
1.8642	45.11191	0.0094
1.9998	53.75836	0.0232
3.5795	53.75836	0.0574
3.616	53.75836	0.0606
3.8282	53.75836	0.0404
3.8548	53.75836	0.042
3.9282	72.93092	0.0544
3.9997	72.93092	0.0574
5.5786	72.93092	0.0916
5.6066	72.93092	0.0932
5.6632	72.93092	0.087
5.792	72.93092	0.0776
5.8317	72.93092	0.076
5.862	72.93092	0.0776
5.9995	78.56991	0.0948
7.5884	78.56991	0.1242
7.6238	78.56991	0.1274
7.6742	78.56991	0.1242
7.8372	78.56991	0.1118
7.8618	78.56991	0.1086
7.8889	78.56991	0.1134
7.9993	78.56991	0.1242
9.5951	78.56991	0.1584
9.6355	78.56991	0.1584
9.8543	78.56991	0.1444
9.8806	78.56991	0.1444
9.9311	97.74247	0.1552
9.9992	97.74247	0.1568
10.377	97.74247	0.1646
10.601	97.74247	0.163
11.579	97.74247	0.191
11.611	97.74247	0.194
11.655	97.74247	0.1864
11.819	97.74247	0.1786
11.845	97.74247	0.177
11.868	97.74247	0.177
11.999	97.74247	0.1894
13.209	110.9001	0.208
13.554	110.9001	0.2252
13.579	110.9001	0.2268
13.604	110.9001	0.2282
13.641	110.9001	0.222
13.8	110.9001	0.2096
13.832	110.9001	0.2128
13.859	110.9001	0.2128
13.892	110.9001	0.2158
13.999	110.9001	0.222

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002		0.1126
1.9998	24.18168	0.1304
3.9997	25.13937	0.146
5.5093	37.1105	0.1592
5.9995	37.1105	0.1623
7.9993	39.02588	0.1793
9.0544	51.23643	0.1879
9.9992	51.23643	0.1964
11.051	62.24986	0.205
11.999	62.24986	0.2127
12.516	70.62965	0.2166
12.644	70.62965	0.2189
12.772	70.62965	0.2182
13.999	74.46041	0.2283
15.272	86.43154	0.2399
15.999	86.43154	0.2453
16.849	97.44498	0.2539
17.999	103.1911	0.2632
19.153	115.1622	0.2725
19.998	117.0776	0.2795
20.906	129.0488	0.2873
21.998	129.0488	0.2958
22.484	139.3439	0.3005
23.938	151.3151	0.3129
23.998	151.3151	0.3121
25.3	163.2862	0.323
25.998	166.1593	0.33
26.626	166.1593	0.3346
26.744	166.1593	0.3362
26.959	178.1304	0.3369
27.998	181.9611	0.3463
28.915	193.9323	0.3533
29.998	201.3544	0.3618
30.652	201.3544	0.368
30.719	201.3544	0.3688
30.943	213.3255	0.3711
31.997	217.8745	0.3796
32.962	230.0851	0.3874
33.997	231.761	0.3967
34.487	243.9716	0.3991
34.514	243.9716	0.3998
34.866	243.9716	0.4037
35.997	250.436	0.4138
36.865	262.4071	0.4208
37.997	267.9138	0.4286
38.63	267.9138	0.4348
38.721	267.9138	0.4363
38.944	279.885	0.4371
39.072	279.885	0.4387
39.261	279.885	0.4394
39.997	282.758	0.4456
40.608	282.758	0.4503

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002		-0.1211
0.2853	0.941923	-0.1211
0.7236	24.96095	-0.1172
1.9998	24.96095	-0.1056
2.2547	24.96095	-0.1017
2.4969	24.96095	-0.1048
3.9997	24.96095	-0.0885
5.9995	24.96095	-0.0722
6.2285	24.96095	-0.0675
6.4914	24.96095	-0.0707
7.9993	24.96095	-0.0567
8.202	24.96095	-0.0505
8.4369	24.96095	-0.0551
9.9992	32.02537	-0.0388
10.223	32.02537	-0.0349
10.524	32.02537	-0.0373
11.999	50.39286	-0.0217
12.206	50.39286	-0.0179
12.32	50.39286	-0.0179
12.487	50.39286	-0.0202
12.533	50.39286	-0.021
13.49	74.41189	-0.0101
13.999	79.59246	-0.0047
14.243	79.59246	-0.0008
14.366	79.59246	-0.0016
14.45	79.59246	-0.0031
14.492	79.59246	-0.0023
15.054	103.6115	0.0039
15.999	118.2113	0.0124
16.148	118.2113	0.014
16.204	118.2113	0.0163
16.247	118.2113	0.0163
16.418	118.2113	0.0116
16.449	118.2113	0.0109
16.475	118.2113	0.0132
17.874	141.7594	0.0264
17.999	141.7594	0.0279
18.181	141.7594	0.0311
18.248	141.7594	0.0334
18.313	141.7594	0.0342
18.469	141.7594	0.0295
18.501	141.7594	0.0287
18.53	141.7594	0.0295
19.998	149.2947	0.0458
20.122	149.2947	0.0481
20.182	149.2947	0.0489
20.224	149.2947	0.0497
20.292	149.2947	0.0489
20.385	149.2947	0.045
20.412	149.2947	0.0443
20.436	149.2947	0.045
20.461	149.2947	0.0458

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
44.61	145.707	0.53898
45.996	145.707	0.55406
46.189	151.0776	0.55614
46.348	151.0776	0.55809
46.927	151.0776	0.5642
47.862	151.0776	0.57525
47.91	151.0776	0.57525
47.967	151.0776	0.57525
47.996	151.0776	0.57629
48.103	151.0776	0.57733
49.996	151.0776	0.59852
50.07	157.3822	0.59748
51.996	157.3822	0.61867
53.849	169.0574	0.63882
53.929	169.0574	0.6409
53.996	169.0574	0.64194
54.087	169.0574	0.64194
55.898	176.2961	0.66209
55.928	176.2961	0.66313
55.995	176.2961	0.66209
56.402	176.2961	0.66716
56.825	176.2961	0.67223
57.16	176.2961	0.67522
57.872	176.2961	0.68432
57.995	176.2961	0.68432
58.037	176.2961	0.68432
59.055	187.9713	0.69537
59.142	187.9713	0.69745
59.659	187.9713	0.70252
59.97	187.9713	0.70746
59.995	187.9713	0.70746
60.024	187.9713	0.70655
60.079	187.9713	0.70655
60.15	187.9713	0.70746
61.995	194.9765	0.72774
63.904	194.9765	0.74984
63.991	194.9765	0.74984
63.995	194.9765	0.74984
65.139	206.6517	0.76206
65.514	206.6517	0.767
65.672	206.6517	0.76804
65.995	206.6517	0.77116
67.811	218.3269	0.79027
67.94	218.3269	0.79131
67.994	218.3269	0.7943
68.093	218.3269	0.7943
68.139	218.3269	0.7943
68.19	218.3269	0.79534
69.647	225.5656	0.81146
69.713	225.5656	0.8125
69.824	225.5656	0.81354
69.902	225.5656	0.8125

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
15.569	110.9001	0.2578
15.6	110.9001	0.2594
15.64	110.9001	0.2578
15.849	110.9001	0.2454
15.871	110.9001	0.2454
15.892	110.9001	0.2454
15.999	119.5466	0.2594
17.566	119.5466	0.292
17.589	119.5466	0.2934
17.615	119.5466	0.2934
17.673	119.5466	0.2872
17.788	119.5466	0.281
17.832	119.5466	0.2764
17.851	119.5466	0.2764
17.876	119.5466	0.281
17.999	125.1855	0.2934
19.565	125.1855	0.3246
19.588	125.1855	0.326
19.616	125.1855	0.3276
19.667	125.1855	0.3184
19.795	125.1855	0.3184
19.838	125.1855	0.309
19.857	125.1855	0.3106
19.876	125.1855	0.3106
19.998	126.6893	0.3246
21.162	145.8618	0.3416
21.533	145.8618	0.3586
21.555	145.8618	0.3602
21.579	145.8618	0.3586
21.606	145.8618	0.3618
21.805	145.8618	0.3478
21.834	145.8618	0.3432
21.853	145.8618	0.3416
21.882	145.8618	0.3524
21.998	145.8618	0.3524
22.989	145.8618	0.3774
23.295	145.8618	0.3742
23.563	145.8618	0.3912
23.587	145.8618	0.3928
23.607	145.8618	0.3944
23.651	145.8618	0.3866
23.81	145.8618	0.3804
23.836	145.8618	0.3788
23.853	145.8618	0.3726
23.871	145.8618	0.3788
23.998	156.012	0.3898
25.124	156.012	0.41
25.267	156.012	0.4068
25.563	156.012	0.4254
25.583	156.012	0.4254
25.606	156.012	0.427
25.629	156.012	0.427

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
40.68	282.758	0.4519
40.737	282.758	0.4526
40.757	282.758	0.4519
41.022	294.7292	0.4542
41.997	296.6445	0.4627
42.784	308.6157	0.4689
43.996	312.207	0.4798
44.622	312.207	0.4845
44.763	312.207	0.4852
44.863	324.1781	0.4868
45.996	325.1358	0.4953
46.308	337.107	0.4984
47.681	349.3175	0.5109
47.996	349.3175	0.5116
48.746	359.3733	0.5202
49.996	364.88	0.5295
50.637	364.88	0.5349
50.713	364.88	0.5341
51.183	376.8511	0.5388
51.996	377.8088	0.5458
52.665	377.8088	0.5512
52.737	377.8088	0.5505
52.792	389.7799	0.5536
52.962	389.7799	0.5543
53.996	394.3289	0.5621
54.82	406.3001	0.5699
55.995	411.0885	0.5784
56.597	411.0885	0.5846
56.638	411.0885	0.5854
56.774	411.0885	0.5838
56.786	411.0885	0.5838
56.817	423.0597	0.5854
57.995	430.2423	0.5963
58.625	430.2423	0.6025
58.763	430.2423	0.6009
58.814	442.4529	0.6032
59.383	442.4529	0.6071
59.45	442.4529	0.6087
59.995	447.0019	0.6126
60.977	458.973	0.6219
61.995	466.3951	0.6289
62.591	466.3951	0.6335
62.629	466.3951	0.6351
62.68	466.3951	0.6351
62.735	466.3951	0.6335
62.78	466.3951	0.6351
62.81	478.3663	0.6366
63.042	478.3663	0.6374
63.106	478.3663	0.6382
63.995	479.0845	0.6452
64.348	491.0557	0.6498
64.537	491.0557	0.6491

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
21.998	160.1268	0.0629
22.124	160.1268	0.0644
22.178	160.1268	0.0668
22.207	160.1268	0.0668
22.247	160.1268	0.0668
22.389	160.1268	0.0621
22.418	160.1268	0.0613
22.441	160.1268	0.0621
22.465	160.1268	0.0629
23.998	172.8428	0.0784
24.155	172.8428	0.0823
24.222	172.8428	0.0831
24.279	172.8428	0.0838
24.366	172.8428	0.0807
24.429	172.8428	0.08
24.47	172.8428	0.08
24.502	172.8428	0.0792
24.529	172.8428	0.08
25.998	184.1459	0.0963
26.137	184.1459	0.0986
26.216	184.1459	0.0986
26.26	184.1459	0.1009
26.341	184.1459	0.1002
26.424	184.1459	0.097
26.458	184.1459	0.0963
26.487	184.1459	0.097
26.511	184.1459	0.0955
27.998	185.5588	0.111
28.175	185.5588	0.1165
28.215	185.5588	0.1172
28.256	185.5588	0.118
28.295	185.5588	0.1165
28.399	185.5588	0.1141
28.428	185.5588	0.1126
28.453	185.5588	0.1126
28.477	185.5588	0.1118
29.998	196.8618	0.1297
30.194	196.8618	0.1328
30.256	196.8618	0.1335
30.314	196.8618	0.132
30.425	196.8618	0.1304
30.461	196.8618	0.1304
30.489	196.8618	0.1297
31.997	209.5778	0.146
32.181	209.5778	0.1491
32.239	209.5778	0.1498
32.292	209.5778	0.1498
32.437	209.5778	0.1483
32.468	209.5778	0.1467
32.494	209.5778	0.1467
33.997	212.8745	0.1615
34.176	212.8745	0.1661

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.994	225.5656	0.81445
71.613	231.8702	0.83265
71.8	231.8702	0.83564
71.823	231.8702	0.83564
71.94	231.8702	0.83564
71.994	231.8702	0.83668
73.334	242.6114	0.85085
73.534	242.6114	0.85384
73.808	242.6114	0.85683
73.886	242.6114	0.85384
73.994	242.6114	0.85787
74.86	245.4135	0.86697
75.121	245.4135	0.871
75.433	245.4135	0.87308
75.994	247.048	0.87906
77.41	258.7233	0.89518
77.669	258.7233	0.89726
77.994	258.7233	0.90025
78.166	258.7233	0.90337
79.993	261.5253	0.92248
81.108	273.2006	0.93457
81.125	273.2006	0.93457
81.58	273.2006	0.93964
81.953	273.2006	0.94575
81.993	273.2006	0.94471
82.357	276.7031	0.9477
82.564	276.7031	0.95173
83.166	276.7031	0.9568
83.298	276.7031	0.95888
83.606	276.7031	0.96187
83.993	276.7031	0.9659
85.277	287.4444	0.98007
85.802	287.4444	0.98605
85.993	287.4444	0.98813
86.466	295.617	0.99216
86.474	295.617	0.9932
87.109	295.617	1.00022
87.585	295.617	1.00529
87.765	295.617	1.00724
87.993	295.617	1.00932
89.993	300.9876	1.03246
90.942	312.6629	1.04156
91.323	312.6629	1.04663
91.678	312.6629	1.04962
91.992	312.6629	1.0517
93.676	324.1046	1.07081
93.743	324.1046	1.07185
93.88	324.1046	1.07484
93.924	324.1046	1.07393
93.992	324.1046	1.07393
94.557	326.9067	1.08095
94.807	326.9067	1.08394

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
25.812	156.012	0.4176
25.841	156.012	0.4084
25.858	156.012	0.41
25.875	156.012	0.413
25.998	166.1622	0.4254
27.553	166.1622	0.455
27.578	166.1622	0.458
27.602	166.1622	0.458
27.629	166.1622	0.458
27.827	166.1622	0.4426
27.845	166.1622	0.4426
27.862	166.1622	0.444
27.878	166.1622	0.4426
27.998	177.8161	0.4566
29.552	177.8161	0.4906
29.571	177.8161	0.4938
29.591	177.8161	0.4938
29.61	177.8161	0.4922
29.653	177.8161	0.486
29.781	177.8161	0.4766
29.808	177.8161	0.483
29.836	177.8161	0.4736
29.854	177.8161	0.4766
29.873	177.8161	0.4844
29.998	183.4551	0.4892
31.547	183.4551	0.5232
31.567	183.4551	0.5248
31.588	183.4551	0.5264
31.61	183.4551	0.5248
31.653	183.4551	0.5202
31.775	183.4551	0.5186
31.813	183.4551	0.5094
31.83	183.4551	0.5062
31.843	183.4551	0.5094
31.859	183.4551	0.514
31.89	202.6277	0.5202
31.997	202.6277	0.5248
33.543	202.6277	0.5558
33.566	202.6277	0.5574
33.587	202.6277	0.5574
33.607	202.6277	0.5606
33.632	202.6277	0.559
33.814	202.6277	0.5434
33.831	202.6277	0.5404
33.847	202.6277	0.542
33.859	202.6277	0.542
33.876	202.6277	0.5482
33.997	202.6277	0.5606
34.155	218.4168	0.562
35.533	218.4168	0.59
35.551	218.4168	0.5916
35.568	218.4168	0.5932

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
64.695	491.0557	0.6522
64.75	491.0557	0.6522
64.785	491.0557	0.6506
65.709	503.0268	0.6599
65.995	503.0268	0.6623
66.627	503.0268	0.6685
66.657	503.0268	0.6669
66.732	503.0268	0.6677
66.814	514.9979	0.6692
67.871	526.969	0.6786
67.936	526.969	0.6786
67.994	526.969	0.6786
68.177	528.8844	0.6809
68.591	528.8844	0.6855
68.624	528.8844	0.684
68.684	528.8844	0.6848
68.762	528.8844	0.6848
68.774	528.8844	0.6848
68.792	528.8844	0.6848
69.356	540.8555	0.691
69.994	544.4469	0.6964
70.619	544.4469	0.7011
70.649	544.4469	0.7026
70.755	544.4469	0.7003
70.768	544.4469	0.7011
70.819	556.418	0.7026
71.994	559.2911	0.7119
72.274	571.2622	0.715
72.583	571.2622	0.7189
72.596	571.2622	0.7189
72.625	571.2622	0.7189
72.648	571.2622	0.7189
72.681	571.2622	0.7189
72.777	571.2622	0.7181
72.795	571.2622	0.7174
72.807	571.2622	0.7189
72.824	571.2622	0.7166
72.847	571.2622	0.7174
73.74	584.191	0.7275
73.994	584.191	0.729
74.616	584.191	0.7337
74.723	584.191	0.7337
74.794	596.1622	0.736
75.994	605.2602	0.7453
76.822	618.189	0.7531
77.181	618.189	0.7562
77.994	620.8227	0.7632
78.297	632.7938	0.7655
78.518	632.7938	0.7671
78.598	632.7938	0.7686
78.65	632.7938	0.7671
78.739	632.7938	0.7678

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
34.215	212.8745	0.1654
34.258	212.8745	0.1669
34.318	212.8745	0.1646
34.444	212.8745	0.1638
34.479	212.8745	0.1623
34.503	212.8745	0.163
34.528	212.8745	0.1638
35.997	222.2937	0.1793
36.195	222.2937	0.1832
36.247	222.2937	0.1832
36.295	222.2937	0.1832
36.445	222.2937	0.1809
36.479	222.2937	0.1793
36.505	222.2937	0.1801
37.997	225.5905	0.1956
38.194	225.5905	0.1995
38.239	225.5905	0.1995
38.276	225.5905	0.1995
38.356	225.5905	0.1995
38.43	225.5905	0.1972
38.464	225.5905	0.1964
38.493	225.5905	0.1964
38.521	225.5905	0.1964
39.997	227.4743	0.2127
40.196	227.4743	0.2143
40.258	227.4743	0.2158
40.303	227.4743	0.2151
40.419	227.4743	0.2127
40.448	227.4743	0.2135
40.478	227.4743	0.2127
41.997	240.1903	0.2275
42.106	240.1903	0.2321
42.157	240.1903	0.2329
42.197	240.1903	0.2345
42.226	240.1903	0.2345
42.268	240.1903	0.2321
42.366	240.1903	0.2283
42.392	240.1903	0.2267
42.407	240.1903	0.2283
42.425	240.1903	0.2275
42.444	240.1903	0.2298
43.996	247.7256	0.2446
44.134	247.7256	0.2484
44.178	247.7256	0.2492
44.216	247.7256	0.2508
44.249	247.7256	0.2508
44.292	247.7256	0.25
44.373	247.7256	0.2453
44.4	247.7256	0.2453
44.423	247.7256	0.2446
44.441	247.7256	0.2453
44.464	247.7256	0.2461

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
95.04	326.9067	1.08602
95.749	326.9067	1.09512
95.97	326.9067	1.09603
95.992	327.8407	1.09603
97.313	340.2164	1.1102
97.686	340.2164	1.11423
97.992	340.2164	1.1193
99.884	351.8917	1.13854
99.992	351.8917	1.13854
101.89	361.6989	1.16064
101.99	361.6989	1.16064
102.02	361.6989	1.16272
102.36	361.6989	1.16467
103.81	361.6989	1.18092
103.86	361.6989	1.17988
103.99	368.0035	1.18287
104.04	368.0035	1.18391
104.1	368.0035	1.18391
104.63	368.0035	1.18989
104.73	368.0035	1.19093
105.99	375.0086	1.20406
107.28	387.6179	1.21823
107.38	387.6179	1.22018
107.93	387.6179	1.22525
107.99	387.6179	1.22629
109.04	396.7246	1.23734
109.15	396.7246	1.23942
109.63	397.4251	1.24449
109.74	397.4251	1.24644
109.9	397.4251	1.2454
109.99	398.3591	1.24748
111.86	410.9684	1.26763
111.87	410.9684	1.26867
111.99	410.9684	1.26867
112.64	414.4709	1.27569
112.76	414.4709	1.27972
113.26	414.4709	1.28284
113.99	415.405	1.2909
115.43	427.7807	1.30702
115.75	427.7807	1.31209
115.78	427.7807	1.31105
115.83	427.7807	1.31105
115.87	427.7807	1.31001
115.98	427.7807	1.31105
115.99	427.7807	1.31209
116.01	427.7807	1.31209
116.06	427.7807	1.31313
117.67	436.6539	1.33029
117.72	436.6539	1.33328
117.99	436.6539	1.33523
119.02	442.9585	1.34537
119.99	448.3291	1.35655

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
35.585	218.4168	0.5932
35.605	218.4168	0.5932
35.635	218.4168	0.5884
35.783	218.4168	0.5838
35.812	218.4168	0.5808
35.831	218.4168	0.5776
35.844	218.4168	0.5746
35.856	218.4168	0.576
35.875	218.4168	0.5822
35.997	224.4317	0.59
37.543	224.4317	0.6242
37.561	224.4317	0.6242
37.582	224.4317	0.6258
37.602	224.4317	0.6274
37.623	224.4317	0.6242
37.663	224.4317	0.6212
37.792	224.4317	0.6118
37.825	224.4317	0.6102
37.844	224.4317	0.6086
37.856	224.4317	0.6118
37.87	224.4317	0.6102
37.886	224.4317	0.6118
37.936	243.2284	0.6242
37.994	243.2284	0.6258
37.997	243.2284	0.6226
38.234	244.7321	0.6274
38.619	244.7321	0.635
38.869	244.7321	0.6366
38.945	244.7321	0.6428
39.125	244.7321	0.6412
39.528	244.7321	0.6568
39.544	244.7321	0.6552
39.568	244.7321	0.6568
39.586	244.7321	0.6584
39.601	244.7321	0.66
39.629	244.7321	0.6584
39.662	244.7321	0.6538
39.762	244.7321	0.6506
39.797	244.7321	0.649
39.82	244.7321	0.6444
39.836	244.7321	0.6428
39.847	244.7321	0.6444
39.861	244.7321	0.6428
39.88	244.7321	0.6474
39.997	251.8748	0.6584
40.135	251.8748	0.6646
40.262	251.8748	0.66
40.616	251.8748	0.6692
40.722	251.8748	0.6692
41.524	251.8748	0.6894
41.538	251.8748	0.6894
41.558	251.8748	0.691

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
78.76	632.7938	0.7694
79.671	644.7649	0.7772
79.993	644.7649	0.7787
80.807	656.7361	0.7857
81.039	656.7361	0.7872
81.144	656.7361	0.788
81.993	664.1582	0.7958
82.593	664.1582	0.8012
82.637	664.1582	0.8004
82.763	664.1582	0.8012
82.796	676.1293	0.8028
83.993	682.3543	0.8121
84.588	682.3543	0.8183
84.621	682.3543	0.8175
84.742	682.3543	0.8191
84.77	682.3543	0.8167
84.799	694.3254	0.8183
85.825	707.2542	0.8276
85.993	707.2542	0.8299
86.619	707.2542	0.8346
87.855	729.2811	0.8455
87.993	729.2811	0.8455
88.417	733.8301	0.8494
88.526	733.8301	0.8494
88.763	733.8301	0.8509
89.554	746.7589	0.8587
89.993	746.7589	0.8618
90.292	753.9416	0.8649
90.582	753.9416	0.8695
90.604	753.9416	0.8688
90.634	753.9416	0.8695
90.686	753.9416	0.868
90.743	753.9416	0.8688
90.793	753.9416	0.8672
90.814	753.9416	0.8688
91.88	766.8704	0.8789
91.992	766.8704	0.8789
92.812	776.9262	0.8858
93.992	786.9819	0.8959
94.777	799.9107	0.9014
95.992	804.4598	0.9122
96.627	804.4598	0.9185
96.687	804.4598	0.9192
96.723	804.4598	0.9169
96.752	804.4598	0.9161
96.774	816.4309	0.9185
97.84	829.1203	0.9278
97.992	829.1203	0.9278
98.603	829.1203	0.9348
98.71	829.1203	0.9332
98.772	837.5001	0.9348
99.992	845.6405	0.9449

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
45.996	249.1385	0.2624
46.161	249.1385	0.2655
46.223	249.1385	0.2671
46.278	249.1385	0.2671
46.334	249.1385	0.2647
46.411	249.1385	0.264
46.445	249.1385	0.264
46.479	249.1385	0.2632
46.503	249.6095	0.2632
47.996	249.6095	0.2803
48.099	249.6095	0.281
48.173	249.6095	0.2834
48.209	249.6095	0.2826
48.25	249.6095	0.2842
48.294	249.6095	0.2818
48.358	249.6095	0.2779
48.385	249.6095	0.2795
48.406	249.6095	0.2787
48.425	249.6095	0.2772
48.444	249.6095	0.2795
49.996	256.6739	0.295
50.112	256.6739	0.2981
50.157	256.6739	0.3005
50.185	256.6739	0.3005
50.212	256.6739	0.2997
50.25	256.6739	0.3005
50.362	256.6739	0.295
50.384	256.6739	0.2935
50.402	256.6739	0.2942
50.419	256.6739	0.2942
50.438	256.6739	0.2958
51.996	260.4416	0.3121
52.131	260.4416	0.3137
52.173	260.4416	0.3168
52.212	260.4416	0.3144
52.252	260.4416	0.3183
52.291	260.4416	0.316
52.382	260.4416	0.3121
52.406	260.4416	0.3113
52.43	260.4416	0.3129
52.447	260.4416	0.3113
52.47	260.4416	0.3121
53.996	267.506	0.3292
54.09	267.506	0.3315
54.15	267.506	0.3331
54.18	267.506	0.3346
54.208	267.506	0.3338
54.234	267.506	0.3346
54.37	267.506	0.3292
54.39	267.506	0.3269
54.406	267.506	0.3269
54.421	267.506	0.3269

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
120.19	448.3291	1.3585
120.58	449.2632	1.36253
121.21	449.2632	1.37059
121.32	449.2632	1.37163
121.81	449.2632	1.37774
121.83	449.2632	1.37566
121.96	449.2632	1.3767
121.99	449.2632	1.3767
121.99	450.8977	1.37566
122.85	463.5069	1.38775
123.99	463.5069	1.39984
124.45	474.2482	1.40387
124.47	474.2482	1.40595
125.16	475.1822	1.41206
125.48	475.1822	1.41609
125.72	475.8827	1.41804
125.99	475.8827	1.42207
127.54	485.6899	1.43728
127.99	485.6899	1.44222
129.59	494.5631	1.46042
129.78	494.5631	1.46445
129.99	494.5631	1.46445
131.23	503.6698	1.47862
131.42	503.6698	1.47966
131.9	503.6698	1.48473
131.99	504.3703	1.48668
133.36	516.9795	1.50085
133.37	516.9795	1.50085
133.85	516.9795	1.50787
133.92	516.9795	1.50592
133.99	516.9795	1.50787
135.14	524.9187	1.51996
135.37	524.9187	1.52399
135.99	524.9187	1.5301
137.54	535.6599	1.54622
137.64	535.6599	1.5483
137.99	535.6599	1.55129
139.22	543.5991	1.56442
139.99	543.5991	1.57248
140.62	551.5382	1.5795
141.99	556.9088	1.59575
143.26	569.5181	1.60875
143.43	569.5181	1.61083
143.98	569.5181	1.6159
143.99	569.5181	1.6159
145.34	580.0258	1.63098
145.71	580.0258	1.63605
145.99	580.0258	1.63709
146.58	585.3964	1.64411
147.99	586.3304	1.66023
148.88	598.7062	1.66933
149.1	598.7062	1.67245

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
41.577	251.8748	0.6926
41.596	251.8748	0.6926
41.617	251.8748	0.6894
41.66	251.8748	0.6848
41.758	251.8748	0.6848
41.794	251.8748	0.6848
41.826	251.8748	0.6786
41.84	251.8748	0.6754
41.856	251.8748	0.6802
41.869	251.8748	0.6802
41.885	251.8748	0.6786
41.997	260.5213	0.691
42.11	260.5213	0.6926
42.423	260.5213	0.6972
42.51	260.5213	0.6988
42.648	260.5213	0.6972
43.533	260.5213	0.7236
43.55	260.5213	0.7252
43.564	260.5213	0.7282
43.576	260.5213	0.7282
43.59	260.5213	0.7266
43.607	260.5213	0.7252
43.637	260.5213	0.7204
43.765	260.5213	0.7174
43.791	260.5213	0.7158
43.814	260.5213	0.7158
43.833	260.5213	0.7096
43.843	260.5213	0.7112
43.856	260.5213	0.7128
43.872	260.5213	0.7128
43.898	279.3179	0.722
43.996	279.3179	0.7236
44.305	279.3179	0.7314
44.362	279.3179	0.7328
44.396	279.3179	0.7328
44.456	279.3179	0.7314
44.579	279.3179	0.736
44.759	279.3179	0.7314
44.785	279.3179	0.7314
44.812	279.3179	0.7314
44.836	279.3179	0.7314
44.852	279.3179	0.7328
44.903	289.4681	0.7376
44.95	289.4681	0.7406
45.532	289.4681	0.7562
45.551	289.4681	0.7562
45.568	289.4681	0.7592
45.583	289.4681	0.7592
45.6	289.4681	0.7592
45.619	289.4681	0.7578
45.654	289.4681	0.7546
45.732	289.4681	0.75

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
100.57	845.6405	0.9518
100.6	845.6405	0.9526
100.62	845.6405	0.9534
100.65	845.6405	0.9518
100.7	845.6405	0.9511
100.72	845.6405	0.9526
100.76	845.6405	0.9518
100.78	845.6405	0.9511
100.79	845.6405	0.9503
100.81	846.5981	0.9518
100.83	858.5693	0.9518
101.99	861.2029	0.9627
102.6	861.2029	0.9689
102.72	861.2029	0.9689
102.78	873.1741	0.9689
103.99	873.1741	0.9806
104.05	879.399	0.979
104.6	879.399	0.986
104.62	879.399	0.9852
104.66	879.399	0.986
104.69	879.399	0.9852
104.77	879.399	0.9852
104.79	879.399	0.9837
104.8	879.399	0.9829
104.82	879.399	0.9837
104.84	892.3279	0.986
105.99	895.9192	0.9953
106.56	895.9192	1.0008
106.6	895.9192	1.0023
106.74	895.9192	0.9992
106.77	896.8769	1
106.78	909.8057	1.0023
107.99	915.073	1.0116
108.6	915.073	1.0186
108.62	915.073	1.0178
108.66	915.073	1.0202
108.7	915.073	1.0186
108.75	915.073	1.0163
108.77	915.073	1.0171
108.78	915.073	1.0171
108.8	915.073	1.0178
108.82	926.0864	1.0186
109.99	933.2691	1.0303
110.58	933.2691	1.0341
110.73	933.2691	1.0334
110.78	945.2402	1.0341
111.93	958.1691	1.045
111.99	958.1691	1.0458
112.58	958.1691	1.0528
112.63	958.1691	1.0528
112.74	958.1691	1.0497
112.76	958.1691	1.0497

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
54.444	267.506	0.3292
55.995	267.506	0.3455
56.084	267.506	0.3478
56.132	267.506	0.3478
56.166	267.506	0.3494
56.19	267.506	0.3517
56.218	267.506	0.3486
56.349	267.506	0.3439
56.369	267.506	0.3432
56.388	267.506	0.3432
56.405	267.506	0.3447
56.426	267.506	0.3463
57.995	267.506	0.3626
58.151	267.506	0.3657
58.193	267.506	0.3665
58.228	267.506	0.368
58.258	267.506	0.368
58.3	267.506	0.3633
58.382	267.506	0.3641
58.414	267.506	0.3626
58.436	267.506	0.3618
58.456	267.506	0.3618
58.476	267.506	0.3626
59.995	272.6866	0.3796
60.094	272.6866	0.3804
60.163	272.6866	0.3828
60.195	272.6866	0.3835
60.23	272.6866	0.3843
60.259	272.6866	0.3835
60.363	272.6866	0.3789
60.384	272.6866	0.3765
60.403	272.6866	0.3765
60.42	272.6866	0.3781
60.443	272.6866	0.3804
61.995	272.6866	0.396
62.159	272.6866	0.3983
62.196	272.6866	0.3991
62.239	272.6866	0.3998
62.272	272.6866	0.3998
62.334	272.6866	0.3967
62.371	272.6866	0.396
62.4	272.6866	0.3952
62.423	272.6866	0.396
62.443	272.6866	0.3944
62.467	272.6866	0.3952
63.995	272.6866	0.4123
64.158	272.6866	0.4154
64.198	272.6866	0.4154
64.241	272.6866	0.4177
64.29	272.6866	0.4177
64.416	272.6866	0.413
64.443	272.6866	0.413

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
149.56	598.7062	1.67739
149.99	600.5742	1.68142
151.34	612.95	1.69559
151.58	612.95	1.69858
151.83	612.95	1.70261
151.87	612.95	1.7017
151.99	612.95	1.70261
153.3	621.8232	1.71782
153.99	621.8232	1.72484
155.67	631.6304	1.742
155.85	631.6304	1.74603
155.99	631.6304	1.74603
157.39	638.6355	1.76124
157.99	638.6355	1.76826
159.44	647.5087	1.78347
159.76	647.5087	1.78841
159.79	647.5087	1.78945
159.88	647.5087	1.78841
159.96	647.5087	1.78841
159.98	647.5087	1.7875
159.99	647.5087	1.78841
160.02	647.5087	1.78945
161.62	659.8844	1.80661
161.99	659.8844	1.81064
163.29	669.6916	1.82585
163.8	669.6916	1.83079
163.91	669.6916	1.83079
163.99	669.6916	1.83391
165.57	680.1994	1.84899
165.99	680.1994	1.8551
166.75	688.1385	1.86212
167.79	688.1385	1.8733
167.97	689.0725	1.87629
167.99	689.0725	1.87629
169.24	699.8138	1.89046
169.75	699.8138	1.89449
169.88	699.8138	1.89748
169.99	699.8138	1.89852
171.47	711.2555	1.91464
171.76	711.2555	1.91659
171.8	711.2555	1.92062
171.95	711.2555	1.91763
171.99	711.2555	1.91763
173.72	721.7632	1.93778
173.99	721.7632	1.94194
175.98	733.2049	1.96313
175.99	733.2049	1.96404
177.99	741.1441	1.98432
179.47	753.7534	2.00044
179.5	753.7534	2.00148
179.99	753.7534	2.00642
181.95	760.525	2.0267

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
45.774	289.4681	0.7438
45.793	289.4681	0.7468
45.814	289.4681	0.7422
45.823	289.4681	0.7392
45.835	289.4681	0.7422
45.846	289.4681	0.7406
45.865	289.4681	0.7484
45.996	289.4681	0.7546
46.065	289.4681	0.7592
46.171	289.4681	0.7608
46.783	289.4681	0.7732
46.836	289.4681	0.7686
47.257	299.6183	0.778
47.387	299.6183	0.781
47.527	299.6183	0.7888
47.545	299.6183	0.7888
47.56	299.6183	0.792
47.577	299.6183	0.7934
47.592	299.6183	0.792
47.617	299.6183	0.7888
47.651	299.6183	0.7904
47.75	299.6183	0.7842
47.788	299.6183	0.7826
47.813	299.6183	0.7764
47.825	299.6183	0.7764
47.836	299.6183	0.7732
47.847	299.6183	0.7764
47.858	299.6183	0.7794
47.879	299.6183	0.7888
47.996	308.6406	0.7904
48.103	308.6406	0.7982
48.68	308.6406	0.8012
48.715	308.6406	0.8028
48.769	308.6406	0.8058
48.968	308.6406	0.8044
49.017	308.6406	0.8058
49.199	308.6406	0.8136
49.379	308.6406	0.8106
49.52	308.6406	0.823
49.528	308.6406	0.8246
49.544	308.6406	0.8246
49.558	308.6406	0.826
49.576	308.6406	0.826
49.591	308.6406	0.8276
49.606	308.6406	0.826
49.627	308.6406	0.8214
49.776	308.6406	0.809
49.791	308.6406	0.8168
49.81	308.6406	0.8136
49.829	308.6406	0.8106
49.84	308.6406	0.809
49.85	308.6406	0.8136

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
112.78	964.394	1.0528
113.99	968.9431	1.0621
114.5	968.9431	1.0667
114.58	968.9431	1.0683
114.61	968.9431	1.0698
114.66	968.9431	1.0675
114.72	968.9431	1.0683
114.75	968.9431	1.0667
114.77	968.9431	1.0667
114.78	968.9431	1.0667
114.8	981.8719	1.0683
115.99	981.8719	1.0784
116.21	990.9699	1.0799
116.57	990.9699	1.0854
116.59	990.9699	1.0838
116.63	990.9699	1.0846
116.65	990.9699	1.0862
116.67	990.9699	1.0862
116.79	990.9699	1.0838
116.81	990.9699	1.0846
116.82	990.9699	1.0823
116.83	990.9699	1.0846
116.85	991.9276	1.0838
116.87	1004.617	1.0862
117.16	1004.617	1.0885
117.93	1005.575	1.0939
117.99	1005.575	1.0955
118.57	1005.575	1.1017
118.61	1005.575	1.1025
118.64	1005.575	1.1032
118.66	1005.575	1.1017
118.72	1005.575	1.1009
118.75	1005.575	1.1001
118.76	1005.575	1.1001
118.78	1005.575	1.1009
118.8	1016.588	1.1017
119.03	1016.588	1.1048
119.11	1017.306	1.1056
119.99	1017.306	1.1118
120.63	1017.306	1.118
120.68	1017.306	1.1172
120.78	1030.235	1.1188
121.15	1030.235	1.1226
121.29	1030.235	1.1226
121.85	1030.235	1.1281
121.89	1030.954	1.1273
121.99	1033.827	1.1296
122.03	1033.827	1.1304
122.14	1033.827	1.1296
122.6	1033.827	1.1358
122.63	1033.827	1.1358
122.66	1033.827	1.1358

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
64.466	272.6866	0.4123
64.487	272.6866	0.4123
65.995	274.5704	0.4286
66.097	274.5704	0.4317
66.153	274.5704	0.4332
66.176	274.5704	0.434
66.199	274.5704	0.4348
66.227	274.5704	0.4332
66.352	274.5704	0.4286
66.369	274.5704	0.4278
66.386	274.5704	0.4262
66.403	274.5704	0.4278
66.419	274.5704	0.4286
67.994	281.6349	0.4456
68.074	281.6349	0.448
68.125	281.6349	0.4495
68.156	281.6349	0.4511
68.181	281.6349	0.4511
68.205	281.6349	0.4503
68.264	281.6349	0.448
68.34	281.6349	0.4456
68.362	281.6349	0.4433
68.381	281.6349	0.4441
68.4	281.6349	0.4449
68.412	281.6349	0.4433
68.432	281.6349	0.4464
69.994	283.5187	0.4612
70.08	283.5187	0.4651
70.13	283.5187	0.4666
70.156	283.5187	0.4666
70.18	283.5187	0.4682
70.207	283.5187	0.4674
70.275	283.5187	0.4643
70.337	283.5187	0.4612
70.353	283.5187	0.4612
70.37	283.5187	0.4588
70.386	283.5187	0.4604
70.401	283.5187	0.4604
70.419	283.5187	0.4635
71.994	283.5187	0.479
72.087	283.5187	0.4814
72.136	283.5187	0.4837
72.158	283.5187	0.4837
72.185	283.5187	0.4845
72.21	283.5187	0.4837
72.347	283.5187	0.4767
72.367	283.5187	0.4767
72.387	283.5187	0.4759
72.402	283.5187	0.4767
72.418	283.5187	0.479
73.994	294.3508	0.4953
74.057	294.3508	0.4977

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.99	760.525	2.02865
183.8	760.525	2.0488
183.89	761.459	2.04789
183.99	763.0935	2.04984
184.73	775.7028	2.0579
185.98	778.2714	2.07103
187.98	786.2105	2.09326
188.79	798.5863	2.10236
188.84	798.5863	2.10236
189.47	798.5863	2.10847
189.71	798.5863	2.1125
189.73	798.5863	2.11445
189.75	798.5863	2.1125
189.77	798.5863	2.11445
189.8	798.5863	2.11341
189.82	798.5863	2.11445
189.85	798.5863	2.11549
189.87	798.5863	2.11549
189.9	798.5863	2.11445
189.97	798.5863	2.11549
189.98	798.5863	2.11445
190.06	798.5863	2.11445
190.09	798.5863	2.11445
190.11	798.5863	2.11445
190.12	798.5863	2.11445
190.13	798.5863	2.11341
190.15	798.5863	2.11341
190.16	798.5863	2.11445
190.17	798.5863	2.11341
190.19	798.5863	2.11341
190.21	798.5863	2.11445
190.26	810.028	2.11744
191.24	810.028	2.12758
191.98	810.028	2.13772
193.81	810.028	2.15683
193.89	810.028	2.15579
193.98	815.1651	2.15683
195.98	824.9723	2.1801
196.43	824.9723	2.18517
197.97	824.9723	2.20025
197.98	824.9723	2.20129
199.76	824.9723	2.22248
199.8	824.9723	2.22248
199.83	824.9723	2.22248
199.86	824.9723	2.22248
199.98	824.9723	2.22144
200	824.9723	2.22144
200.02	824.9723	2.22248
200.04	824.9723	2.22144
200.07	835.2465	2.22352
201.75	835.2465	2.24367
201.8	835.2465	2.24263

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
49.864	308.6406	0.8106
49.88	308.6406	0.8152
49.996	308.6406	0.8246
50.732	324.4298	0.8322
50.745	324.4298	0.8354
51.354	324.4298	0.8462
51.521	324.4298	0.854
51.531	324.4298	0.854
51.546	324.4298	0.8572
51.565	324.4298	0.8586
51.582	324.4298	0.8586
51.598	324.4298	0.8618
51.615	324.4298	0.8572
51.637	324.4298	0.854
51.774	324.4298	0.8432
51.789	324.4298	0.8494
51.809	324.4298	0.8494
51.829	324.4298	0.8432
51.842	324.4298	0.8416
51.852	324.4298	0.8432
51.863	324.4298	0.8462
51.876	324.4298	0.8478
51.996	324.4298	0.8602
52.23	324.4298	0.8618
52.367	324.4298	0.8618
53.26	340.219	0.8788
53.479	340.219	0.8804
53.519	340.219	0.8898
53.532	340.219	0.8898
53.546	340.219	0.8912
53.561	340.219	0.8912
53.579	340.219	0.8928
53.593	340.219	0.8928
53.612	340.219	0.8898
53.772	340.219	0.882
53.802	340.219	0.8788
53.822	340.219	0.8774
53.833	340.219	0.8742
53.844	340.219	0.8758
53.854	340.219	0.8758
53.866	340.219	0.8804
53.903	340.219	0.8866
53.996	340.219	0.8898
55.094	351.8729	0.9068
55.16	351.8729	0.91
55.248	351.8729	0.9068
55.521	351.8729	0.9208
55.536	351.8729	0.9224
55.555	351.8729	0.9224
55.569	351.8729	0.9238
55.588	351.8729	0.9254
55.604	351.8729	0.9238

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
122.73	1033.827	1.1351
122.75	1033.827	1.1327
122.76	1033.827	1.1327
122.77	1033.827	1.1335
122.79	1033.827	1.1327
122.81	1046.516	1.1351
123.61	1046.516	1.1428
123.68	1046.516	1.1428
123.99	1052.98	1.1436
124.5	1052.98	1.1498
124.55	1052.98	1.1529
124.57	1052.98	1.1521
124.58	1052.98	1.1514
124.61	1052.98	1.1537
124.64	1052.98	1.1537
124.66	1052.98	1.1537
124.69	1052.98	1.1514
124.76	1052.98	1.1506
124.77	1052.98	1.1506
124.78	1052.98	1.1506
124.8	1052.98	1.1506
124.81	1052.98	1.1498
124.82	1052.98	1.1498
124.83	1052.98	1.1498
124.85	1054.656	1.1514
124.86	1067.585	1.1521
125.99	1072.852	1.163
126.15	1072.852	1.1638
126.25	1073.81	1.1646
126.54	1073.81	1.1677
126.56	1073.81	1.1692
126.58	1073.81	1.1692
126.6	1073.81	1.1684
126.62	1073.81	1.17
126.64	1073.81	1.17
126.66	1073.81	1.1692
126.68	1073.81	1.1692
126.72	1073.81	1.1684
126.76	1073.81	1.1677
126.78	1073.81	1.1677
126.8	1073.81	1.1669
126.82	1073.81	1.1677
126.84	1073.81	1.1661
126.85	1073.81	1.1669
126.86	1073.81	1.1669
126.87	1073.81	1.1677
126.89	1076.444	1.1677
126.91	1089.373	1.1692
127.16	1089.373	1.1723
127.99	1089.373	1.1793
128.56	1089.373	1.1855
128.57	1089.373	1.1855

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
74.091	294.3508	0.4984
74.128	294.3508	0.5008
74.152	294.3508	0.5008
74.173	294.3508	0.5015
74.205	294.3508	0.4984
74.32	294.3508	0.4946
74.34	294.3508	0.4938
74.355	294.3508	0.4922
74.368	294.3508	0.493
74.383	294.3508	0.4946
74.405	294.3508	0.4961
75.994	298.1185	0.5132
76.083	298.1185	0.5147
76.143	298.1185	0.5171
76.172	298.1185	0.5163
76.202	298.1185	0.5178
76.227	298.1185	0.5178
76.265	298.1185	0.5155
76.341	298.1185	0.5101
76.36	298.1185	0.5109
76.375	298.1185	0.5101
76.391	298.1185	0.5093
76.404	298.1185	0.5101
76.421	298.1185	0.5124
77.994	301.4152	0.5279
78.087	301.4152	0.531
78.153	301.4152	0.5334
78.181	301.4152	0.5341
78.21	301.4152	0.5341
78.241	301.4152	0.5341
78.362	301.4152	0.5272
78.38	301.4152	0.5264
78.397	301.4152	0.5264
78.411	301.4152	0.5272
78.43	301.4152	0.5287
79.993	305.1829	0.5442
80.083	305.1829	0.5473
80.126	305.1829	0.5497
80.158	305.1829	0.5512
80.178	305.1829	0.5512
80.202	305.1829	0.5505
80.24	305.1829	0.5489
80.334	305.1829	0.5442
80.35	305.1829	0.5435
80.367	305.1829	0.5419
80.379	305.1829	0.5435
80.394	305.1829	0.5435
80.409	305.1829	0.545
81.993	312.2473	0.5629
82.073	312.2473	0.5637
82.125	312.2473	0.5668
82.158	312.2473	0.5668

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
201.93	835.2465	2.24263
201.96	836.1805	2.24367
201.98	839.6831	2.24367
203.98	842.2517	2.26681
205.98	844.8202	2.28709
207.98	846.4547	2.31023
209.79	846.4547	2.33051
209.93	847.1553	2.32947
209.98	852.5259	2.33142
211.76	852.5259	2.3517
211.93	853.2264	2.35066
211.98	856.729	2.35261
212.22	856.729	2.35573
212.41	856.729	2.35664
213.98	864.6681	2.37484
214.42	864.6681	2.37887
214.61	864.6681	2.38199
215.78	864.6681	2.39499
215.94	865.3686	2.39499
215.98	865.3686	2.39603
217.74	865.3686	2.41527
217.83	865.3686	2.41826
217.98	865.3686	2.41826
219.98	868.6377	2.43945
221.98	875.6428	2.46064
223.74	875.6428	2.48183
223.91	876.3434	2.48183
223.98	878.9119	2.48391
225.81	878.9119	2.50302
225.88	879.8459	2.50406
225.98	882.4145	2.5051
227.98	882.4145	2.52629
229.6	890.1201	2.54436
229.69	890.1201	2.5454
229.98	890.1201	2.54748
231.98	890.1201	2.56971
233.73	890.1201	2.58986
233.98	890.1201	2.59181
235.98	890.1201	2.613
237.78	890.1201	2.63328
237.91	890.1201	2.63224
237.98	892.2217	2.63419
238.16	892.2217	2.63731
238.57	892.2217	2.64134
238.58	892.2217	2.64238
238.72	892.9222	2.64329
238.76	892.9222	2.64537
238.78	892.9222	2.64537
238.8	892.9222	2.64641
238.82	892.9222	2.64537
238.85	892.9222	2.64732
238.87	892.9222	2.64641

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
55.62	351.8729	0.927
55.642	351.8729	0.9224
55.777	351.8729	0.913
55.79	351.8729	0.9162
55.818	351.8729	0.9114
55.83	351.8729	0.9068
55.841	351.8729	0.91
55.851	351.8729	0.9084
55.862	351.8729	0.91
55.89	351.8729	0.9192
55.995	351.8729	0.9238
56.487	363.5268	0.9316
56.562	363.5268	0.9332
56.731	363.5268	0.9332
56.84	363.5268	0.941
57.185	363.5268	0.9426
57.383	363.5268	0.9488
57.469	363.5268	0.9472
57.523	363.5268	0.955
57.532	363.5268	0.958
57.545	363.5268	0.9596
57.557	363.5268	0.958
57.571	363.5268	0.9612
57.583	363.5268	0.9596
57.596	363.5268	0.9612
57.613	363.5268	0.9564
57.637	363.5268	0.9518
57.738	363.5268	0.9502
57.778	363.5268	0.9488
57.806	363.5268	0.944
57.819	363.5268	0.9426
57.831	363.5268	0.941
57.843	363.5268	0.9426
57.854	363.5268	0.944
57.865	363.5268	0.944
57.877	363.5268	0.9502
57.995	363.5268	0.958
58.041	363.5268	0.958
58.105	363.5268	0.955
58.61	379.316	0.9674
58.807	379.316	0.9704
58.891	379.316	0.969
58.945	379.316	0.969
59.305	379.316	0.9766
59.318	379.316	0.986
59.326	379.316	0.9814
59.34	379.316	0.9844
59.368	379.316	0.9814
59.408	379.316	0.986
59.441	379.316	0.9828
59.486	379.316	0.9844
59.511	379.316	0.9906

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
128.59	1089.373	1.1855
128.6	1089.373	1.1863
128.62	1089.373	1.1848
128.64	1089.373	1.1863
128.66	1089.373	1.1863
128.68	1089.373	1.1855
128.72	1089.373	1.1855
128.78	1089.373	1.1848
128.8	1089.373	1.1832
128.81	1089.373	1.1848
128.83	1089.373	1.1848
128.84	1089.373	1.184
128.86	1089.373	1.1832
128.87	1089.373	1.184
128.88	1089.373	1.184
128.9	1089.373	1.184
128.91	1092.964	1.1848
129.04	1105.653	1.1886
129.21	1105.653	1.191
129.97	1105.653	1.1964
129.99	1105.653	1.1956
130.06	1105.653	1.1948
130.56	1105.653	1.2026
130.57	1105.653	1.2026
130.59	1105.653	1.2026
130.62	1105.653	1.2034
130.64	1105.653	1.2026
130.68	1105.653	1.2026
130.74	1105.653	1.2011
130.75	1105.653	1.2003
130.76	1105.653	1.1995
130.77	1105.653	1.1987
130.78	1105.653	1.1987
130.79	1105.653	1.2003
130.8	1109.245	1.2003
130.81	1122.174	1.2042
130.81	1135.102	1.2049
130.83	1135.102	1.2065
130.84	1135.102	1.2049
130.85	1135.102	1.2057
130.86	1135.102	1.2065
130.86	1135.102	1.2065
130.87	1135.102	1.2065
130.88	1135.102	1.2073
130.89	1135.102	1.2065
130.9	1135.102	1.2073
130.91	1135.102	1.2065
130.92	1135.102	1.2073
130.93	1135.102	1.2065
130.94	1135.102	1.2065
130.95	1135.102	1.2057
130.96	1135.102	1.2049

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
82.182	312.2473	0.5668
82.207	312.2473	0.5675
82.246	312.2473	0.566
82.326	312.2473	0.5621
82.352	312.2473	0.5598
82.367	312.2473	0.559
82.382	312.2473	0.5598
82.393	312.2473	0.5605
82.41	312.2473	0.5621
83.993	321.1956	0.5784
84.071	321.1956	0.5807
84.125	321.1956	0.5831
84.152	321.1956	0.5838
84.171	321.1956	0.5846
84.192	321.1956	0.5854
84.222	321.1956	0.5823
84.334	321.1956	0.5776
84.353	321.1956	0.5761
84.37	321.1956	0.5761
84.383	321.1956	0.5753
84.396	321.1956	0.5776
84.412	321.1956	0.5784
85.993	328.731	0.5955
86.076	328.731	0.597
86.119	328.731	0.5986
86.155	328.731	0.6001
86.177	328.731	0.6009
86.198	328.731	0.6017
86.224	328.731	0.6001
86.341	328.731	0.5939
86.358	328.731	0.5932
86.371	328.731	0.5924
86.385	328.731	0.5924
86.397	328.731	0.5939
86.416	328.731	0.5963
87.993	335.7954	0.6118
88.076	335.7954	0.6149
88.126	335.7954	0.6172
88.156	335.7954	0.618
88.176	335.7954	0.618
88.197	335.7954	0.618
88.223	335.7954	0.6164
88.336	335.7954	0.6095
88.348	335.7954	0.6087
88.364	335.7954	0.6118
88.378	335.7954	0.6095
88.392	335.7954	0.6102
88.413	335.7954	0.6126
89.993	335.7954	0.6289
90.062	335.7954	0.6312
90.104	335.7954	0.6327
90.134	335.7954	0.6335

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
238.89	892.9222	2.64641
238.93	892.9222	2.64641
238.96	892.9222	2.64732
238.98	892.9222	2.64732
239.04	892.9222	2.64732
239.2	892.9222	2.64641
239.23	892.9222	2.64641
239.24	892.9222	2.64537
239.26	892.9222	2.64641
239.28	892.9222	2.64641
239.3	892.9222	2.64537
239.31	892.9222	2.64537
239.32	892.9222	2.64433
239.33	892.9222	2.64537
239.34	892.9222	2.64433
239.35	892.9222	2.64641
239.37	905.5314	2.64732
239.65	905.5314	2.65343
239.75	905.5314	2.65447
239.91	905.5314	2.65538
239.98	905.5314	2.65642
241.72	905.5314	2.67761
241.74	905.5314	2.6767
241.78	905.5314	2.67865
241.83	905.5314	2.67761
241.93	905.5314	2.67566
241.95	905.5314	2.67566
241.98	905.5314	2.67566
241.98	905.5314	2.6767
242	905.5314	2.6767
243.98	905.5314	2.69984
245.98	905.5314	2.72103
247.77	905.5314	2.74222
247.98	905.5314	2.74326
249.98	905.5314	2.76445
251.97	908.1	2.78668
251.98	905.2979	2.78564
253.02	892.9222	2.79773
253.47	905.2979	2.80176
253.63	892.6887	2.80579
253.74	880.3129	2.80683
253.92	892.6887	2.80579
253.94	905.2979	2.80787
253.98	903.4299	2.80787
255.98	902.4959	2.82906
257.98	898.7598	2.8522
259.98	898.5263	2.87248
261.98	896.6583	2.89367
263.69	884.983	2.91278
263.98	891.9882	2.91681
265.98	894.5567	2.938

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
59.53	379.316	0.9892
59.65	379.316	0.9814
59.679	379.316	0.9814
59.702	379.316	0.9798
59.73	379.316	0.9814
59.744	379.316	0.9782
59.763	379.316	0.9798
59.776	379.316	0.9782
59.795	379.316	0.9766
59.812	379.316	0.9828
59.995	383.8272	0.9892
60.262	383.8272	0.9938
60.377	383.8272	0.9984
60.425	383.8272	1
60.603	383.8272	1
60.97	383.8272	1.0078
61.136	383.8272	1.0062
61.511	383.8272	1.0232
61.521	383.8272	1.0232
61.534	383.8272	1.0248
61.549	383.8272	1.0248
61.562	383.8272	1.0248
61.576	383.8272	1.0264
61.589	383.8272	1.0264
61.604	383.8272	1.0248
61.631	383.8272	1.0186
61.74	383.8272	1.017
61.764	383.8272	1.017
61.793	383.8272	1.0092
61.805	383.8272	1.0092
61.816	383.8272	1.0092
61.826	383.8272	1.0078
61.835	383.8272	1.0078
61.845	383.8272	1.0108
61.855	383.8272	1.0124
61.872	402.6238	1.017
61.994	402.6238	1.0248
61.995	402.6238	1.0248
62.294	404.1275	1.0294
62.513	404.1275	1.0342
62.657	404.1275	1.0372
62.679	404.1275	1.0372
62.751	404.1275	1.0404
62.856	404.1275	1.0388
62.882	404.1275	1.0342
62.9	404.1275	1.0342
62.939	404.1275	1.0372
63.284	404.1275	1.0482
63.461	404.1275	1.0466
63.514	404.1275	1.0544
63.521	404.1275	1.0574
63.535	404.1275	1.0558

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131	1135.102	1.2042
131.07	1135.102	1.2042
131.1	1135.102	1.2034
131.12	1135.102	1.2042
131.14	1135.102	1.2034
131.16	1135.102	1.2034
131.17	1135.102	1.2026
131.18	1135.102	1.2042
131.2	1135.102	1.2026
131.21	1135.102	1.2042
131.22	1135.102	1.2018
131.23	1135.102	1.2034
131.24	1135.102	1.2034
131.25	1135.102	1.2034
131.25	1135.102	1.2034
131.27	1135.102	1.2049
131.56	1135.102	1.208
131.99	1135.102	1.2119
132.31	1135.102	1.2174
132.38	1135.102	1.2135
132.46	1135.102	1.2174
132.53	1135.102	1.2189
132.55	1135.102	1.2189
132.56	1135.102	1.2174
132.59	1135.102	1.2189
132.6	1135.102	1.2189
132.64	1135.102	1.2197
132.66	1135.102	1.2181
132.75	1135.102	1.2166
132.77	1135.102	1.2174
132.78	1135.102	1.2174
132.79	1135.102	1.2158
132.8	1135.102	1.2166
132.82	1135.102	1.2158
132.83	1135.102	1.2158
132.84	1135.102	1.2174
132.85	1135.102	1.2181
132.9	1138.454	1.2205
133.02	1138.454	1.222
133.24	1138.454	1.2243
133.38	1138.454	1.2228
133.99	1138.454	1.229
134.23	1138.454	1.2329
134.37	1138.454	1.2329
134.43	1138.454	1.2337
134.46	1138.454	1.2329
134.53	1138.454	1.2344
134.54	1138.454	1.2352
134.57	1138.454	1.236
134.58	1138.454	1.236
134.6	1138.454	1.236
134.64	1138.454	1.236

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
90.154	335.7954	0.6351
90.174	335.7954	0.6351
90.202	335.7954	0.632
90.317	335.7954	0.6273
90.334	335.7954	0.6265
90.351	335.7954	0.6265
90.363	335.7954	0.6265
90.376	335.7954	0.6273
90.393	335.7954	0.6289
91.992	337.6793	0.6452
92.069	337.6793	0.6491
92.123	337.6793	0.6506
92.149	337.6793	0.6498
92.172	337.6793	0.6514
92.197	337.6793	0.6506
92.229	337.6793	0.6483
92.319	337.6793	0.6444
92.336	337.6793	0.6436
92.351	337.6793	0.6421
92.365	337.6793	0.6421
92.376	337.6793	0.6428
92.391	337.6793	0.6459
93.992	348.5114	0.6615
94.067	348.5114	0.6646
94.11	348.5114	0.6661
94.139	348.5114	0.6677
94.159	348.5114	0.6677
94.181	348.5114	0.6677
94.212	348.5114	0.6654
94.324	348.5114	0.6615
94.339	348.5114	0.6591
94.356	348.5114	0.6599
94.368	348.5114	0.6591
94.38	348.5114	0.6591
94.396	348.5114	0.6615
95.992	351.8081	0.6793
96.046	351.8081	0.6817
96.085	351.8081	0.6801
96.124	351.8081	0.684
96.144	351.8081	0.684
96.166	351.8081	0.6848
96.197	351.8081	0.6824
96.325	351.8081	0.6762
96.34	351.8081	0.677
96.356	351.8081	0.6762
96.37	351.8081	0.6762
96.383	351.8081	0.677
96.396	351.8081	0.6778
97.992	351.8081	0.6972
98.042	351.8081	0.6987
98.071	351.8081	0.6987
98.112	351.8081	0.7011

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.547	404.1275	1.059
63.559	404.1275	1.059
63.571	404.1275	1.059
63.584	404.1275	1.059
63.599	404.1275	1.0606
63.619	404.1275	1.0558
63.67	404.1275	1.0528
63.749	404.1275	1.0528
63.778	404.1275	1.0512
63.798	404.1275	1.0434
63.809	404.1275	1.0434
63.82	404.1275	1.0418
63.829	404.1275	1.0418
63.837	404.1275	1.0418
63.847	404.1275	1.0418
63.855	404.1275	1.0434
63.866	404.1275	1.0466
63.948	404.1275	1.059
63.995	404.1275	1.0574
64.086	404.1275	1.0544
64.846	404.1275	1.073
64.859	404.1275	1.076
64.9	404.1275	1.073
64.984	404.1275	1.076
65.123	404.1275	1.0746
65.155	404.1275	1.0714
65.189	404.1275	1.0776
65.211	404.1275	1.073
65.234	421.4204	1.076
65.503	421.4204	1.0884
65.511	421.4204	1.09
65.517	421.4204	1.0916
65.526	421.4204	1.0916
65.538	421.4204	1.0932
65.552	421.4204	1.0932
65.563	421.4204	1.0932
65.575	421.4204	1.0946
65.585	421.4204	1.0932
65.604	421.4204	1.09
65.759	421.4204	1.0792
65.771	421.4204	1.0838
65.79	421.4204	1.0822
65.813	421.4204	1.076
65.824	421.4204	1.0776
65.831	421.4204	1.0746
65.841	421.4204	1.0746
65.849	421.4204	1.0776
65.859	421.4204	1.0776
65.875	421.4204	1.0822
65.995	424.4279	1.0916
66.143	424.4279	1.0932
66.173	424.4279	1.0962

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
134.68	1138.454	1.2337
134.73	1138.454	1.2337
134.75	1138.454	1.2337
134.76	1138.454	1.2337
134.78	1138.454	1.2329
134.79	1138.454	1.2337
134.8	1138.454	1.2329
134.81	1138.454	1.2313
134.82	1138.454	1.2313
134.83	1138.454	1.2329
134.84	1146.595	1.236
135.32	1146.595	1.2407
135.99	1146.595	1.2469
136.17	1146.595	1.2476
136.32	1146.595	1.25
136.39	1147.313	1.2507
136.43	1147.313	1.2507
136.45	1147.313	1.2515
136.47	1147.313	1.2507
136.49	1147.313	1.2507
136.52	1147.313	1.2515
136.54	1147.313	1.2523
136.55	1147.313	1.2523
136.57	1147.313	1.2539
136.59	1147.313	1.2531
136.6	1147.313	1.2539
136.62	1147.313	1.2539
136.63	1147.313	1.2523
136.65	1147.313	1.2539
136.67	1147.313	1.2546
136.75	1147.313	1.25
136.76	1147.313	1.2507
136.77	1147.313	1.25
136.78	1147.313	1.25
136.79	1147.313	1.2492
136.8	1147.313	1.2507
136.81	1147.313	1.25
136.82	1147.313	1.2484
136.83	1147.313	1.2484
136.84	1147.313	1.25
136.85	1147.313	1.2492
136.86	1147.313	1.2492
136.87	1147.313	1.25
136.88	1147.313	1.2515
136.89	1160.242	1.2531
137.24	1160.242	1.2577
137.99	1160.242	1.2632
138.53	1160.242	1.2702
138.55	1160.242	1.2686
138.56	1160.242	1.2694
138.58	1160.242	1.2694
138.6	1160.242	1.2694

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
98.134	351.8081	0.7011
98.16	351.8081	0.6987
98.294	351.8081	0.6956
98.321	351.8081	0.6933
98.335	351.8081	0.6918
98.348	351.8081	0.6933
98.361	351.8081	0.6933
98.374	364.5241	0.6956
99.992	375.3562	0.7119
100.05	375.3562	0.7143
100.09	375.3562	0.7143
100.11	375.3562	0.7174
100.13	375.3562	0.7181
100.15	375.3562	0.7181
100.17	375.3562	0.7166
100.23	375.3562	0.7143
100.29	375.3562	0.7127
100.32	375.3562	0.7096
100.34	375.3562	0.7096
100.35	375.3562	0.7081
100.36	375.3562	0.7088
100.38	375.3562	0.7096
100.39	375.3562	0.7135
101.99	381.0077	0.7282
102.06	381.0077	0.7321
102.1	381.0077	0.7313
102.13	381.0077	0.7337
102.15	381.0077	0.7352
102.17	381.0077	0.7337
102.2	381.0077	0.7337
102.32	381.0077	0.7275
102.34	381.0077	0.7259
102.36	381.0077	0.7267
102.37	381.0077	0.7259
102.38	381.0077	0.7275
102.39	381.0077	0.7298
103.99	388.0721	0.7469
104.03	388.0721	0.75
104.05	388.0721	0.7484
104.07	388.0721	0.7492
104.1	388.0721	0.7484
104.12	388.0721	0.7508
104.14	388.0721	0.7508
104.19	388.0721	0.7477
104.29	388.0721	0.7453
104.32	388.0721	0.7422
104.33	388.0721	0.7422
104.35	388.0721	0.743
104.36	388.0721	0.7422
104.37	388.0721	0.743
104.38	388.0721	0.7445
105.99	391.8398	0.7624

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
66.213	424.4279	1.0946
66.36	424.4279	1.0946
66.39	424.4279	1.0932
66.412	424.4279	1.0946
67.143	424.4279	1.1118
67.331	424.4279	1.1148
67.511	424.4279	1.121
67.52	424.4279	1.1226
67.53	424.4279	1.121
67.542	424.4279	1.1242
67.554	424.4279	1.1258
67.566	424.4279	1.1242
67.582	424.4279	1.1258
67.594	424.4279	1.1242
67.613	424.4279	1.1226
67.635	424.4279	1.1196
67.744	424.4279	1.118
67.764	424.4279	1.118
67.787	424.4279	1.1118
67.803	424.4279	1.1118
67.813	424.4279	1.1118
67.823	424.4279	1.1086
67.833	424.4279	1.1086
67.842	424.4279	1.1102
67.85	424.4279	1.1102
67.862	424.4279	1.1134
67.883	443.2245	1.118
67.994	445.856	1.1258
68.161	445.856	1.1288
68.236	445.856	1.1258
68.245	445.856	1.1272
68.269	445.856	1.1288
68.409	445.856	1.1304
68.932	445.856	1.1398
69.164	445.856	1.1428
69.203	445.856	1.1474
69.302	445.856	1.1428
69.371	445.856	1.1444
69.5	445.856	1.1552
69.509	445.856	1.1568
69.517	445.856	1.1568
69.526	445.856	1.1568
69.538	445.856	1.1568
69.551	445.856	1.1584
69.562	445.856	1.16
69.576	445.856	1.1614
69.588	445.856	1.1584
69.602	445.856	1.1568
69.623	445.856	1.1536
69.722	445.856	1.1506
69.75	445.856	1.146
69.762	445.856	1.149

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
138.63	1160.242	1.2686
138.64	1160.242	1.2709
138.66	1160.242	1.2709
138.7	1160.242	1.2702
138.76	1160.242	1.2663
138.78	1160.242	1.2678
138.8	1160.242	1.2686
138.81	1160.242	1.2663
138.82	1160.242	1.2663
138.84	1160.242	1.2663
138.85	1160.242	1.267
138.86	1160.242	1.2663
138.87	1160.242	1.267
138.88	1162.875	1.2686
138.89	1175.565	1.2678
138.98	1175.565	1.2709
139.06	1175.565	1.2709
139.16	1175.565	1.2717
139.2	1176.522	1.2725
139.27	1176.522	1.2748
139.66	1176.522	1.2771
139.79	1176.522	1.2764
139.99	1176.522	1.2779
140.43	1176.522	1.2834
140.45	1176.522	1.2841
140.5	1176.522	1.2841
140.54	1176.522	1.2857
140.56	1176.522	1.2849
140.58	1176.522	1.2857
140.61	1176.522	1.2857
140.62	1176.522	1.2865
140.65	1176.522	1.2857
140.67	1176.522	1.2841
140.73	1176.522	1.2834
140.75	1176.522	1.2834
140.76	1176.522	1.2834
140.77	1176.522	1.2834
140.78	1176.522	1.2834
140.79	1176.522	1.2834
140.8	1176.522	1.2818
140.81	1176.522	1.2826
140.82	1176.522	1.2826
140.83	1176.522	1.2834
140.84	1176.522	1.2857
140.86	1187.296	1.2857
141.02	1187.296	1.2896
141.3	1187.296	1.2903
141.44	1187.296	1.2911
141.99	1187.296	1.2958
142.03	1187.296	1.2958
142.2	1187.296	1.2966
142.31	1187.296	1.2989

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
106.05	391.8398	0.764
106.09	391.8398	0.764
106.12	391.8398	0.7671
106.15	391.8398	0.7671
106.17	391.8398	0.7678
106.19	391.8398	0.7671
106.32	391.8398	0.7609
106.33	391.8398	0.7601
106.35	391.8398	0.7585
106.36	391.8398	0.7593
106.37	391.8398	0.7609
106.38	391.8398	0.7616
107.99	404.0848	0.7803
108.04	404.0848	0.7803
108.09	404.0848	0.781
108.12	404.0848	0.7841
108.14	404.0848	0.7834
108.17	404.0848	0.7841
108.19	404.0848	0.7841
108.22	404.0848	0.7818
108.29	404.0848	0.7803
108.32	404.0848	0.7764
108.33	404.0848	0.7772
108.35	404.0848	0.7756
108.36	404.0848	0.7756
108.37	404.0848	0.7772
108.39	404.0848	0.7803
109.99	411.6202	0.795
110.05	411.6202	0.7973
110.1	411.6202	0.7981
110.13	411.6202	0.7997
110.15	411.6202	0.8012
110.17	411.6202	0.8012
110.19	411.6202	0.8004
110.22	411.6202	0.7989
110.31	411.6202	0.7942
110.33	411.6202	0.7927
110.34	411.6202	0.7927
110.35	411.6202	0.7935
110.37	411.6202	0.7935
110.38	411.6202	0.7935
110.39	411.6202	0.795
111.99	422.4523	0.8113
112.04	422.4523	0.8152
112.06	422.4523	0.816
112.09	422.4523	0.8152
112.11	422.4523	0.8175
112.13	422.4523	0.8191
112.14	422.4523	0.8175
112.17	422.4523	0.816
112.29	422.4523	0.8113
112.31	422.4523	0.8121

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.787	445.856	1.1444
69.799	445.856	1.1428
69.809	445.856	1.146
69.816	445.856	1.1428
69.826	445.856	1.1398
69.834	445.856	1.1428
69.845	445.856	1.1428
69.856	445.856	1.1474
69.994	448.8635	1.1584
70.144	448.8635	1.16
70.175	448.8635	1.1614
70.228	448.8635	1.163
70.293	448.8635	1.1614
70.347	448.8635	1.163
70.427	448.8635	1.163
71.272	448.8635	1.18
71.37	448.8635	1.177
71.505	448.8635	1.1878
71.51	448.8635	1.1878
71.519	448.8635	1.1894
71.534	448.8635	1.1894
71.547	448.8635	1.1894
71.561	448.8635	1.191
71.577	448.8635	1.1926
71.592	448.8635	1.191
71.609	448.8635	1.191
71.63	448.8635	1.1894
71.762	448.8635	1.1816
71.769	448.8635	1.1786
71.787	448.8635	1.1832
71.807	448.8635	1.18
71.818	448.8635	1.1754
71.827	448.8635	1.1754
71.835	448.8635	1.1754
71.843	448.8635	1.1754
71.852	448.8635	1.1786
71.863	448.8635	1.1816
71.884	467.6601	1.1878
71.994	467.6601	1.1894
72.183	467.6601	1.194
72.496	467.6601	1.2002
72.576	467.6601	1.2034
72.659	467.6601	1.2002
73.509	467.6601	1.222
73.516	467.6601	1.2252
73.525	467.6601	1.2236
73.535	467.6601	1.2252
73.546	467.6601	1.2266
73.558	467.6601	1.2266
73.569	467.6601	1.2282
73.58	467.6601	1.2266
73.595	467.6601	1.2252

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
142.43	1187.296	1.3004
142.45	1187.296	1.3012
142.48	1187.296	1.3012
142.53	1187.296	1.3012
142.57	1187.296	1.302
142.59	1187.296	1.3028
142.61	1187.296	1.302
142.63	1187.296	1.3028
142.65	1187.296	1.3035
142.72	1187.296	1.302
142.75	1187.296	1.3012
142.77	1187.296	1.3004
142.78	1187.296	1.3004
142.79	1187.296	1.3004
142.8	1187.296	1.3012
142.82	1187.296	1.2997
142.83	1187.296	1.3004
142.84	1187.296	1.2997
142.85	1187.296	1.2981
142.86	1187.296	1.3004
142.87	1192.803	1.3012
143.12	1192.803	1.3043
143.19	1193.521	1.3051
143.26	1193.521	1.3082
143.49	1194.479	1.3074
143.56	1194.479	1.3082
143.87	1194.479	1.3129
143.97	1194.479	1.3105
143.99	1194.479	1.3136
144.42	1194.479	1.3175
144.44	1194.479	1.3191
144.46	1194.479	1.3183
144.48	1194.479	1.3175
144.49	1194.479	1.3191
144.5	1194.479	1.3191
144.52	1194.479	1.3183
144.54	1194.479	1.3198
144.56	1194.479	1.3183
144.58	1194.479	1.3198
144.61	1194.479	1.3191
144.63	1194.479	1.3198
144.66	1194.479	1.3183
144.74	1194.479	1.316
144.75	1194.479	1.316
144.77	1194.479	1.3167
144.78	1194.479	1.3167
144.79	1194.479	1.3167
144.8	1194.479	1.3183
144.81	1194.479	1.316
144.82	1194.479	1.3167
144.83	1194.479	1.3167
144.84	1194.479	1.316

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
112.32	422.4523	0.8098
112.34	422.4523	0.809
112.35	422.4523	0.8082
112.36	422.4523	0.8098
112.38	422.4523	0.8121
113.99	427.6329	0.8292
114.06	427.6329	0.8315
114.09	427.6329	0.8307
114.13	427.6329	0.8338
114.15	427.6329	0.8338
114.17	427.6329	0.8338
114.19	427.6329	0.8338
114.22	427.6329	0.8331
114.29	427.6329	0.8299
114.32	427.6329	0.8253
114.33	427.6329	0.8253
114.35	427.6329	0.8253
114.36	427.6329	0.8253
114.37	427.6329	0.8268
114.38	427.6329	0.8284
115.99	442.2327	0.8463
116.03	442.2327	0.8494
116.06	442.2327	0.8494
116.07	442.2327	0.8494
116.09	442.2327	0.8517
116.11	442.2327	0.8509
116.12	442.2327	0.8509
116.14	442.2327	0.8501
116.29	442.2327	0.8463
116.32	442.2327	0.8424
116.33	442.2327	0.8431
116.34	442.2327	0.8424
116.36	442.2327	0.8431
116.37	442.2327	0.8431
116.39	442.2327	0.847
117.99	445.5294	0.8602
118.05	445.5294	0.8641
118.09	445.5294	0.8664
118.12	445.5294	0.8672
118.14	445.5294	0.868
118.15	445.5294	0.868
118.17	445.5294	0.868
118.19	445.5294	0.8664
118.32	445.5294	0.861
118.33	445.5294	0.8602
118.34	445.5294	0.8602
118.36	445.5294	0.8602
118.37	445.5294	0.8595
118.38	445.5294	0.8595
118.39	445.5294	0.861
119.99	460.1292	0.8789
120.02	460.1292	0.8812

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
73.607	467.6601	1.222
73.738	467.6601	1.2174
73.758	467.6601	1.2158
73.784	467.6601	1.2128
73.798	467.6601	1.2096
73.807	467.6601	1.2096
73.816	467.6601	1.2112
73.826	467.6601	1.208
73.834	467.6601	1.2096
73.843	467.6601	1.2112
73.851	467.6601	1.2142
73.868	480.8178	1.219
73.968	480.8178	1.2236
73.994	480.8178	1.222
74.334	480.8178	1.2298
74.485	480.8178	1.2282
74.912	480.8178	1.239
74.961	480.8178	1.2406
75.089	480.8178	1.239
75.119	480.8178	1.239
75.231	489.4642	1.2422
75.413	489.4642	1.2484
75.503	489.4642	1.2516
75.513	489.4642	1.2562
75.523	489.4642	1.2562
75.535	489.4642	1.2562
75.551	489.4642	1.2562
75.564	489.4642	1.2578
75.581	489.4642	1.2578
75.594	489.4642	1.2578
75.614	489.4642	1.2578
75.634	489.4642	1.2546
75.72	489.4642	1.2516
75.752	489.4642	1.2454
75.763	489.4642	1.25
75.782	489.4642	1.2454
75.795	489.4642	1.2438
75.804	489.4642	1.2438
75.814	489.4642	1.2454
75.823	489.4642	1.2422
75.832	489.4642	1.2454
75.841	489.4642	1.2438
75.849	489.4642	1.2438
75.858	489.4642	1.2438
75.873	489.4642	1.2516
75.994	496.6069	1.2578
76.076	496.6069	1.2608
76.107	496.6069	1.2608
76.219	496.6069	1.2624
76.295	496.6069	1.2608
76.327	496.6069	1.2624
76.708	496.6069	1.267

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
144.85	1194.479	1.3152
144.86	1194.479	1.3175
144.87	1194.479	1.3152
144.88	1198.07	1.3175
144.89	1210.999	1.3191
145.01	1210.999	1.3206
145.4	1210.999	1.3253
145.5	1210.999	1.3237
145.53	1210.999	1.3261
145.64	1210.999	1.3268
145.7	1210.999	1.3268
145.98	1210.999	1.3284
145.99	1210.999	1.3292
146.03	1210.999	1.3292
146.44	1210.999	1.3346
146.45	1210.999	1.3354
146.47	1210.999	1.3361
146.48	1210.999	1.3354
146.49	1210.999	1.3346
146.51	1210.999	1.3361
146.52	1210.999	1.3361
146.54	1210.999	1.3369
146.55	1210.999	1.3361
146.56	1210.999	1.3361
146.58	1210.999	1.3369
146.59	1210.999	1.3369
146.6	1210.999	1.3354
146.62	1210.999	1.3369
146.65	1210.999	1.3354
146.69	1210.999	1.3346
146.73	1210.999	1.3323
146.74	1210.999	1.3323
146.75	1210.999	1.333
146.76	1210.999	1.3307
146.77	1210.999	1.3323
146.78	1210.999	1.3307
146.79	1210.999	1.3315
146.8	1210.999	1.3323
146.8	1210.999	1.3307
146.81	1210.999	1.333
146.82	1210.999	1.3299
146.83	1210.999	1.333
146.83	1210.999	1.3315
146.84	1210.999	1.3307
146.85	1210.999	1.3361
146.85	1213.393	1.3354
146.92	1213.393	1.3369
146.94	1213.393	1.3393
146.96	1213.393	1.3385
147	1213.393	1.3385
147.15	1213.393	1.3377
147.16	1213.393	1.3361

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
120.05	460.1292	0.8827
120.07	460.1292	0.882
120.09	460.1292	0.8827
120.12	460.1292	0.8851
120.13	460.1292	0.8835
120.15	460.1292	0.8827
120.29	460.1292	0.8796
120.32	460.1292	0.8773
120.33	460.1292	0.8758
120.35	460.1292	0.8758
120.36	460.1292	0.875
120.37	460.1292	0.8765
120.38	460.1292	0.8796
121.99	474.729	0.8959
122.02	474.729	0.8983
122.05	474.729	0.899
122.07	474.729	0.9014
122.09	474.729	0.9022
122.11	474.729	0.9014
122.12	474.729	0.9014
122.14	474.729	0.9006
122.16	474.729	0.8975
122.27	474.729	0.8944
122.28	474.729	0.8967
122.31	474.729	0.8928
122.33	474.729	0.8921
122.34	474.729	0.8944
122.35	474.729	0.8921
122.36	474.729	0.8944
122.37	474.729	0.8959
123.99	481.7934	0.913
124.03	481.7934	0.9146
124.06	481.7934	0.9146
124.08	481.7934	0.9153
124.11	481.7934	0.9169
124.13	481.7934	0.9169
124.15	481.7934	0.9177
124.16	481.7934	0.9177
124.19	481.7934	0.9153
124.28	481.7934	0.913
124.31	481.7934	0.9099
124.32	481.7934	0.9091
124.33	481.7934	0.9076
124.34	481.7934	0.9091
124.35	481.7934	0.9099
124.36	481.7934	0.9091
124.37	481.7934	0.9107
125.99	503.4576	0.9278
126.02	503.4576	0.9309
126.05	503.4576	0.9317
126.08	503.4576	0.9317
126.11	503.4576	0.934

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
76.774	496.6069	1.2702
76.932	496.6069	1.2718
77.472	496.6069	1.281
77.499	496.6069	1.2856
77.508	496.6069	1.2904
77.517	496.6069	1.2904
77.528	496.6069	1.2904
77.537	496.6069	1.2918
77.549	496.6069	1.2918
77.56	496.6069	1.2934
77.571	496.6069	1.2934
77.582	496.6069	1.2934
77.598	496.6069	1.2904
77.619	496.6069	1.2872
77.71	496.6069	1.2826
77.731	496.6069	1.2826
77.751	496.6069	1.278
77.769	496.6069	1.2842
77.79	496.6069	1.278
77.801	496.6069	1.2732
77.81	496.6069	1.2764
77.819	496.6069	1.2732
77.827	496.6069	1.2732
77.834	496.6069	1.2764
77.843	496.6069	1.281
77.86	496.6069	1.2826
77.994	499.2385	1.2918
78.627	499.2385	1.3028
78.674	499.2385	1.3012
78.791	499.2385	1.3058
78.918	499.2385	1.3028
79.254	499.2385	1.3106
79.389	499.2385	1.312
79.503	499.2385	1.323
79.509	499.2385	1.323
79.516	499.2385	1.3244
79.521	499.2385	1.3244
79.534	499.2385	1.3244
79.545	499.2385	1.326
79.556	499.2385	1.326
79.566	499.2385	1.3276
79.578	499.2385	1.3244
79.589	499.2385	1.3244
79.607	499.2385	1.3214
79.711	499.2385	1.3152
79.728	499.2385	1.3168
79.75	499.2385	1.309
79.765	499.2385	1.312
79.776	499.2385	1.3152
79.79	499.2385	1.3136
79.805	499.2385	1.309
79.812	499.2385	1.309

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
147.18	1213.393	1.3393
147.19	1214.351	1.3369
147.31	1214.351	1.3416
147.34	1214.351	1.3416
147.46	1214.351	1.34
147.68	1214.351	1.3447
147.71	1214.351	1.3447
147.79	1214.351	1.3439
147.85	1214.351	1.3431
147.99	1214.351	1.3462
148.13	1214.351	1.3493
148.18	1214.351	1.347
148.2	1214.351	1.347
148.27	1214.351	1.3493
148.29	1214.351	1.3478
148.72	1214.351	1.3525
148.76	1216.985	1.3525
148.81	1216.985	1.354
148.84	1216.985	1.3525
148.98	1216.985	1.3548
149.05	1216.985	1.3563
149.14	1216.985	1.3556
149.18	1216.985	1.3571
149.2	1216.985	1.3587
149.23	1216.985	1.3571
149.3	1216.985	1.3579
149.38	1216.985	1.3579
149.4	1216.985	1.3571
149.45	1216.985	1.354
149.47	1216.985	1.3556
149.48	1216.985	1.3563
149.56	1216.985	1.3602
149.61	1216.985	1.3571
149.64	1216.985	1.3587
149.71	1217.703	1.3594
149.96	1217.703	1.3625
149.99	1217.703	1.361
150.11	1224.168	1.361
150.16	1224.168	1.3656
150.19	1224.168	1.3656
150.22	1224.168	1.3649
150.25	1224.168	1.3649
150.37	1224.168	1.3649
150.42	1224.168	1.3649
150.45	1224.168	1.3656
150.73	1224.886	1.3688
150.85	1224.886	1.3703
150.89	1224.886	1.3711
151.03	1224.886	1.3703
151.07	1224.886	1.3711
151.41	1237.815	1.3742
151.44	1237.815	1.3765

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
126.13	503.4576	0.934
126.14	503.4576	0.9348
126.16	503.4576	0.934
126.18	503.4576	0.9332
126.31	503.4576	0.927
126.32	503.4576	0.927
126.33	503.4576	0.9262
126.34	503.4576	0.9254
126.35	503.4576	0.9262
126.36	503.4576	0.9254
126.37	503.4576	0.9262
126.39	503.4576	0.9293
127.99	514.2897	0.9449
128.02	514.2897	0.948
128.04	514.2897	0.948
128.07	514.2897	0.9495
128.1	514.2897	0.9495
128.12	514.2897	0.9511
128.14	514.2897	0.9511
128.15	514.2897	0.9503
128.17	514.2897	0.9503
128.28	514.2897	0.9456
128.31	514.2897	0.9449
128.33	514.2897	0.9425
128.34	514.2897	0.9425
128.35	514.2897	0.9417
128.36	514.2897	0.9425
128.37	514.2897	0.9433
128.38	514.2897	0.9456
129.99	532.1863	0.965
130.01	532.1863	0.965
130.02	532.1863	0.965
130.04	532.1863	0.9666
130.06	532.1863	0.9666
130.07	532.1863	0.9681
130.08	532.1863	0.9681
130.1	532.1863	0.9674
130.11	532.1863	0.9674
130.14	532.1863	0.9643
130.27	532.1863	0.9635
130.3	532.1863	0.9604
130.31	532.1863	0.9596
130.32	532.1863	0.9581
130.33	532.1863	0.9596
130.34	532.1863	0.9588
130.35	532.1863	0.9588
130.36	532.1863	0.9604
130.38	532.1863	0.9635
131.99	541.1345	0.9821
132.01	541.1345	0.9813
132.02	541.1345	0.9829
132.04	541.1345	0.9813

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
79.821	499.2385	1.3106
79.832	499.2385	1.309
79.843	499.2385	1.312
79.858	518.0351	1.3198
79.993	518.0351	1.326
80.092	518.0351	1.3276
80.252	518.0351	1.3292
81.056	518.0351	1.3416
81.244	518.0351	1.3432
81.504	518.0351	1.3572
81.511	518.0351	1.3556
81.516	518.0351	1.3572
81.524	518.0351	1.3556
81.536	518.0351	1.3586
81.546	518.0351	1.3586
81.559	518.0351	1.3572
81.572	518.0351	1.3602
81.581	518.0351	1.3586
81.595	518.0351	1.3572
81.606	518.0351	1.3572
81.637	518.0351	1.354
81.715	518.0351	1.3508
81.736	518.0351	1.3508
81.757	518.0351	1.3432
81.767	518.0351	1.3462
81.78	518.0351	1.3494
81.8	518.0351	1.34
81.811	518.0351	1.3416
81.818	518.0351	1.3416
81.827	518.0351	1.3446
81.835	518.0351	1.3462
81.846	518.0351	1.3462
81.856	518.0351	1.3478
81.978	518.0351	1.3586
81.993	518.0351	1.3586
82.095	518.0351	1.3586
83.074	518.0351	1.3758
83.134	518.0351	1.3788
83.189	518.0351	1.3758
83.212	518.0351	1.3758
83.315	534.2002	1.3772
83.5	534.2002	1.3866
83.505	534.2002	1.3882
83.514	534.2002	1.3912
83.522	534.2002	1.3898
83.532	534.2002	1.3898
83.543	534.2002	1.3912
83.558	534.2002	1.3928
83.57	534.2002	1.3928
83.58	534.2002	1.3912
83.593	534.2002	1.3928
83.605	534.2002	1.3898

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
151.46	1237.815	1.3757
151.48	1237.815	1.3765
151.5	1237.815	1.3734
151.54	1237.815	1.3765
151.58	1237.815	1.3757
151.66	1237.815	1.3765
151.76	1237.815	1.3765
151.78	1237.815	1.3757
151.8	1237.815	1.375
151.81	1237.815	1.3757
151.83	1237.815	1.3757
151.85	1237.815	1.3765
151.87	1238.533	1.3781
151.99	1239.491	1.3796
152.14	1239.491	1.3796
152.27	1239.491	1.3812
152.32	1239.491	1.3835
152.35	1239.491	1.3827
152.38	1239.491	1.3827
152.46	1239.491	1.3835
152.58	1239.491	1.382
152.61	1239.491	1.382
152.64	1239.491	1.3843
152.69	1239.491	1.3851
153	1239.491	1.3882
153.06	1239.491	1.3889
153.18	1239.491	1.3874
153.39	1240.209	1.3905
153.48	1240.209	1.392
153.53	1240.209	1.3936
153.65	1240.209	1.3913
153.71	1240.209	1.3928
153.94	1240.209	1.3959
153.98	1240.209	1.3967
153.99	1240.209	1.3967
154.03	1240.209	1.3967
154.13	1240.209	1.3959
154.16	1240.209	1.3959
154.18	1240.209	1.3967
154.35	1240.209	1.3998
154.49	1241.167	1.3983
155.99	1242.842	1.4122
157	1255.532	1.4208
157.99	1255.532	1.4293
158.56	1266.306	1.434
158.77	1266.306	1.4363
159.24	1267.264	1.4402
159.99	1267.264	1.4456
161.99	1270.615	1.4627
162.09	1270.615	1.4642
162.24	1270.615	1.4642
162.53	1283.305	1.4666

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.06	541.1345	0.9813
132.08	541.1345	0.9821
132.1	541.1345	0.9844
132.11	541.1345	0.9852
132.13	541.1345	0.9837
132.15	541.1345	0.9813
132.26	541.1345	0.9798
132.29	541.1345	0.9767
132.31	541.1345	0.9759
132.32	541.1345	0.9759
132.33	541.1345	0.9759
132.34	541.1345	0.9759
132.35	541.1345	0.9767
132.36	541.1345	0.9782
132.37	541.1345	0.979
133.99	553.8505	0.9969
134.01	553.8505	0.9976
134.03	553.8505	0.9976
134.05	553.8505	1
134.07	553.8505	0.9992
134.09	553.8505	1.0008
134.11	553.8505	1.0008
134.13	553.8505	1.0008
134.14	553.8505	1.0008
134.17	553.8505	0.9984
134.26	553.8505	0.9938
134.28	553.8505	0.9961
134.3	553.8505	0.9945
134.32	553.8505	0.993
134.32	553.8505	0.9938
134.33	553.8505	0.9922
134.34	553.8505	0.993
134.35	553.8505	0.9922
134.36	553.8505	0.9961
135.87	575.5147	1.0116
135.99	575.5147	1.0139
136.01	575.5147	1.0147
136.02	575.5147	1.0163
136.04	575.5147	1.0171
136.05	575.5147	1.0155
136.07	575.5147	1.0171
136.09	575.5147	1.0178
136.11	575.5147	1.0171
136.12	575.5147	1.0178
136.14	575.5147	1.0155
136.26	575.5147	1.0132
136.29	575.5147	1.0108
136.3	575.5147	1.0093
136.32	575.5147	1.0085
136.33	575.5147	1.0093
136.34	575.5147	1.0077
136.35	575.5147	1.0085

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
83.623	534.2002	1.3898
83.754	534.2002	1.3758
83.762	534.2002	1.3804
83.767	534.2002	1.382
83.783	534.2002	1.382
83.801	534.2002	1.3758
83.808	534.2002	1.3772
83.816	534.2002	1.3742
83.826	534.2002	1.3788
83.834	534.2002	1.3772
83.843	534.2002	1.3772
83.852	534.2002	1.382
83.864	534.2002	1.382
83.963	534.2002	1.3898
83.993	534.2002	1.3912
84.093	534.2002	1.3898
84.182	534.2002	1.396
84.296	534.2002	1.396
84.382	534.2002	1.3974
84.469	534.2002	1.396
85.053	549.9893	1.4084
85.101	549.9893	1.4114
85.509	549.9893	1.4224
85.517	549.9893	1.4238
85.522	549.9893	1.4238
85.529	549.9893	1.4238
85.539	549.9893	1.4238
85.551	549.9893	1.4254
85.563	549.9893	1.4238
85.579	549.9893	1.4254
85.592	549.9893	1.4254
85.603	549.9893	1.4254
85.62	549.9893	1.4238
85.643	549.9893	1.4192
85.752	549.9893	1.4176
85.769	549.9893	1.4176
85.777	549.9893	1.4176
85.781	549.9893	1.4146
85.793	549.9893	1.413
85.803	549.9893	1.4114
85.813	549.9893	1.4084
85.821	549.9893	1.41
85.83	549.9893	1.4084
85.838	549.9893	1.41
85.846	549.9893	1.413
85.855	549.9893	1.4208
85.882	549.9893	1.4176
85.945	549.9893	1.4224
85.972	549.9893	1.4238
85.993	549.9893	1.4238
86.05	549.9893	1.4224
86.089	551.1171	1.4238

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
162.7	1283.305	1.4689
163.96	1283.305	1.4798
163.99	1283.305	1.479
164.54	1290.488	1.4837
164.73	1290.488	1.4852
165.99	1290.488	1.4953
166.31	1290.488	1.4992
166.37	1290.488	1.4992
167.99	1290.488	1.5116
168.58	1298.389	1.5178
168.63	1298.389	1.5178
169.99	1298.389	1.5302
171.74	1298.389	1.5442
171.82	1298.389	1.5442
171.99	1298.389	1.545
172.56	1306.05	1.5504
172.75	1306.05	1.5528
173.99	1306.05	1.5621
174.7	1306.05	1.5698
174.73	1306.05	1.5698
174.75	1306.05	1.5706
174.79	1306.05	1.5706
174.93	1306.05	1.5691
174.96	1306.05	1.5691
174.99	1306.05	1.5691
175.01	1306.05	1.5698
175.99	1306.05	1.5792
176	1306.05	1.5792
176	1306.05	1.5792
176.12	1306.05	1.5784
176.16	1306.05	1.5799
177.99	1306.05	1.5962
179.99	1306.05	1.6125
181.99	1306.05	1.6288
182.51	1312.275	1.6327
182.72	1312.275	1.6358
183.99	1312.275	1.6451
184.54	1318.5	1.6506
184.66	1305.571	1.6521
184.75	1292.882	1.6521
184.82	1305.571	1.6521
185.98	1304.613	1.663
186.71	1292.642	1.67
186.8	1279.714	1.6692
186.85	1292.642	1.6684
186.91	1305.332	1.6692
187.98	1300.783	1.6801
188.53	1313.472	1.684
188.67	1300.543	1.6847
188.8	1287.854	1.6863
188.91	1300.543	1.6863
189.98	1304.135	1.6956

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
136.36	575.5147	1.0101
136.37	575.5147	1.0116
137.99	584.463	1.0318
138.01	584.463	1.0318
138.01	584.463	1.0334
138.02	584.463	1.0318
138.04	584.463	1.0341
138.05	584.463	1.0341
138.07	584.463	1.0334
138.08	584.463	1.0326
138.1	584.463	1.0341
138.11	584.463	1.0334
138.14	584.463	1.031
138.24	584.463	1.0303
138.26	584.463	1.0264
138.28	584.463	1.0303
138.3	584.463	1.0264
138.31	584.463	1.0264
138.32	584.463	1.0248
138.33	584.463	1.0264
138.34	584.463	1.0264
138.35	584.463	1.0287
138.36	584.463	1.0295
139.99	587.7597	1.0473
140.02	587.7597	1.0489
140.03	587.7597	1.0504
140.04	587.7597	1.0497
140.05	587.7597	1.0481
140.08	587.7597	1.0481
140.09	587.7597	1.0504
140.11	587.7597	1.0512
140.12	587.7597	1.0512
140.14	587.7597	1.0489
140.26	587.7597	1.0435
140.27	587.7597	1.045
140.29	587.7597	1.0458
140.3	587.7597	1.045
140.31	587.7597	1.0442
140.32	587.7597	1.0419
140.33	587.7597	1.0427
140.34	587.7597	1.0435
140.35	589.6436	1.0466
141.92	615.0755	1.0605
141.99	615.0755	1.066
142	615.0755	1.0652
142.01	615.0755	1.0667
142.02	615.0755	1.0652
142.04	615.0755	1.0675
142.05	615.0755	1.0675
142.07	615.0755	1.0675
142.08	615.0755	1.0691
142.09	615.0755	1.0675

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
86.154	551.1171	1.4286
86.346	551.1171	1.4316
86.378	551.1171	1.43
86.402	551.1171	1.4332
86.424	551.1171	1.4332
86.472	551.1171	1.4316
86.503	551.1171	1.4332
86.592	551.1171	1.4316
86.622	551.1171	1.4348
86.661	551.1171	1.4316
86.673	551.1171	1.43
86.7	551.1171	1.4316
86.966	551.1171	1.4394
87.002	551.1171	1.4394
87.117	551.1171	1.444
87.196	551.1171	1.441
87.485	551.1171	1.455
87.491	551.1171	1.455
87.498	551.1171	1.4564
87.507	551.1171	1.458
87.515	551.1171	1.4564
87.526	551.1171	1.458
87.537	551.1171	1.458
87.548	551.1171	1.4596
87.558	551.1171	1.4612
87.569	551.1171	1.4612
87.581	551.1171	1.458
87.597	551.1171	1.455
87.718	551.1171	1.4502
87.738	551.1171	1.4472
87.747	551.1171	1.4488
87.768	551.1171	1.4426
87.779	551.1171	1.444
87.789	551.1171	1.4394
87.797	551.1171	1.4426
87.803	551.1171	1.4426
87.811	551.1171	1.4426
87.819	551.1171	1.4426
87.826	551.1171	1.444
87.837	551.1171	1.4488
87.852	569.9138	1.4518
87.993	569.9138	1.4564
88	569.9138	1.4564
88.175	569.9138	1.4596
88.228	569.9138	1.4626
88.342	569.9138	1.4612
88.37	569.9138	1.4626
88.66	569.9138	1.4642
88.748	569.9138	1.472
88.77	569.9138	1.4736
88.788	569.9138	1.4736
88.818	569.9138	1.4704

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
190.71	1292.164	1.7026
191.98	1296.713	1.7119
192.51	1309.402	1.7166
192.6	1296.473	1.7173

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
142.11	615.0755	1.066
142.25	615.0755	1.0605
142.27	615.0755	1.0629
142.29	615.0755	1.059
142.3	615.0755	1.0598
142.31	615.0755	1.059
142.32	615.0755	1.0582
142.33	615.0755	1.059
142.34	615.0755	1.0598
142.35	615.0755	1.0605
142.37	624.0237	1.0652
142.62	624.0237	1.0683
143.02	624.0237	1.0706
143.52	624.0237	1.0753
143.69	624.0237	1.0761
143.99	624.0237	1.0815
144	624.0237	1.0823
144.01	624.0237	1.0823
144.02	624.0237	1.0815
144.04	624.0237	1.083
144.05	624.0237	1.0838
144.07	624.0237	1.0846
144.08	624.0237	1.0846
144.1	624.0237	1.0846
144.11	624.0237	1.083
144.15	624.0237	1.0807
144.23	624.0237	1.0799
144.25	624.0237	1.0799
144.28	624.0237	1.0768
144.29	624.0237	1.0761
144.3	624.0237	1.0761
144.31	624.0237	1.0768
144.32	624.0237	1.0753
144.33	624.0237	1.0761
144.34	624.0237	1.0761
144.35	624.0237	1.0784
144.38	641.9203	1.0823
145.99	641.9203	1.0978
146	641.9203	1.0986
146.02	641.9203	1.0986
146.03	641.9203	1.0994
146.04	641.9203	1.1001
146.05	641.9203	1.1009
146.07	641.9203	1.1009
146.08	641.9203	1.1001
146.09	641.9203	1.1017
146.1	641.9203	1.1001
146.12	641.9203	1.0986
146.24	641.9203	1.0947
146.26	641.9203	1.0931
146.27	641.9203	1.0962
146.29	641.9203	1.0924

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
88.875	569.9138	1.4704
88.928	569.9138	1.472
88.957	569.9138	1.4704
88.987	569.9138	1.4736
89.292	569.9138	1.4798
89.378	569.9138	1.4766
89.484	569.9138	1.4906
89.491	569.9138	1.489
89.495	569.9138	1.4876
89.502	569.9138	1.489
89.511	569.9138	1.4906
89.522	569.9138	1.4906
89.532	569.9138	1.4922
89.542	569.9138	1.4922
89.553	569.9138	1.4922
89.564	569.9138	1.4938
89.574	569.9138	1.4906
89.586	569.9138	1.489
89.608	569.9138	1.486
89.714	569.9138	1.4828
89.735	569.9138	1.4766
89.745	569.9138	1.4844
89.764	569.9138	1.4798
89.777	569.9138	1.4752
89.786	569.9138	1.4766
89.796	569.9138	1.472
89.804	569.9138	1.4782
89.811	569.9138	1.4752
89.818	569.9138	1.4736
89.825	569.9138	1.4752
89.834	569.9138	1.4782
89.843	569.9138	1.4828
89.889	584.5751	1.489
89.956	584.5751	1.4922
89.993	584.5751	1.4876
90.395	584.5751	1.4984
90.463	584.5751	1.4968
91.436	585.7029	1.5124
91.481	585.7029	1.5248
91.488	585.7029	1.5232
91.492	585.7029	1.5248
91.497	585.7029	1.5232
91.503	585.7029	1.5264
91.511	585.7029	1.5264
91.52	585.7029	1.5264
91.529	585.7029	1.5248
91.539	585.7029	1.528
91.548	585.7029	1.528
91.555	585.7029	1.528
91.565	585.7029	1.528
91.576	585.7029	1.5232
91.594	585.7029	1.5202

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.3	641.9203	1.0924
146.31	641.9203	1.0916
146.32	641.9203	1.0916
146.33	641.9203	1.0931
146.34	641.9203	1.0939
146.35	641.9203	1.0955
147.86	663.5845	1.1118
147.98	663.5845	1.1133
147.99	663.5845	1.1157
148	663.5845	1.1149
148.01	663.5845	1.1164
148.02	663.5845	1.1157
148.04	663.5845	1.1172
148.05	663.5845	1.1172
148.07	663.5845	1.118
148.08	663.5845	1.1172
148.09	663.5845	1.1164
148.12	663.5845	1.1141
148.23	663.5845	1.1133
148.25	663.5845	1.1125
148.28	663.5845	1.1094
148.29	663.5845	1.1079
148.3	663.5845	1.1087
148.3	663.5845	1.1079
148.31	663.5845	1.1079
148.32	663.5845	1.1079
148.33	663.5845	1.111
148.34	663.5845	1.1125
149.99	663.5845	1.132
150	663.5845	1.1327
150.01	663.5845	1.1327
150.02	663.5845	1.1335
150.03	663.5845	1.1343
150.04	663.5845	1.1335
150.06	663.5845	1.1343
150.07	663.5845	1.1351
150.08	663.5845	1.1335
150.1	663.5845	1.1327
150.13	663.5845	1.132
150.22	663.5845	1.1289
150.25	663.5845	1.1289
150.26	663.5845	1.1296
150.28	663.5845	1.1273
150.29	663.5845	1.1265
150.3	663.5845	1.125
150.31	663.5845	1.125
150.32	663.5845	1.125
150.33	663.5845	1.1273
150.34	663.5845	1.1281
150.36	685.2487	1.1304
150.59	685.2487	1.1343
151.54	687.1325	1.1413

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
91.652	585.7029	1.517
91.681	585.7029	1.517
91.695	585.7029	1.5154
91.71	585.7029	1.514
91.724	585.7029	1.5154
91.741	585.7029	1.5154
91.755	585.7029	1.5108
91.769	585.7029	1.5062
91.776	585.7029	1.5046
91.783	585.7029	1.5092
91.79	585.7029	1.5092
91.798	585.7029	1.5124
91.807	585.7029	1.5108
91.821	585.7029	1.5154
91.992	585.7029	1.5248
92.578	585.7029	1.5326
92.642	585.7029	1.5326
92.717	597.3569	1.5356
92.783	597.3569	1.5388
92.881	597.3569	1.5356
92.886	597.3569	1.5388
93.394	597.3569	1.548
93.489	597.3569	1.5558
93.497	597.3569	1.5544
93.503	597.3569	1.5574
93.51	597.3569	1.5558
93.518	597.3569	1.5558
93.527	597.3569	1.5574
93.538	597.3569	1.5574
93.549	597.3569	1.559
93.56	597.3569	1.5606
93.57	597.3569	1.5606
93.581	597.3569	1.5606
93.592	597.3569	1.559
93.604	597.3569	1.5574
93.635	597.3569	1.5512
93.687	597.3569	1.5512
93.722	597.3569	1.5512
93.74	597.3569	1.548
93.745	597.3569	1.5528
93.76	597.3569	1.5496
93.776	597.3569	1.5434
93.783	597.3569	1.5404
93.791	597.3569	1.5418
93.799	597.3569	1.5418
93.807	597.3569	1.5434
93.814	597.3569	1.5418
93.822	597.3569	1.545
93.831	597.3569	1.548
93.842	597.3569	1.548
93.992	597.3569	1.559
94.096	597.3569	1.5606

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
151.99	687.1325	1.1483
152	687.1325	1.149
152.01	687.1325	1.1498
152.01	687.1325	1.1498
152.03	687.1325	1.1498
152.04	687.1325	1.1506
152.05	687.1325	1.1506
152.07	687.1325	1.1514
152.08	687.1325	1.1506
152.09	687.1325	1.1498
152.12	687.1325	1.1483
152.22	687.1325	1.1467
152.24	687.1325	1.1459
152.25	687.1325	1.1452
152.28	687.1325	1.1421
152.29	687.1325	1.1413
152.3	687.1325	1.1421
152.3	687.1325	1.1405
152.31	687.1325	1.1413
152.32	687.1325	1.1459
152.33	687.1325	1.1452
152.35	694.197	1.1475
152.45	694.197	1.1498
153.05	696.0808	1.1545
153.19	696.0808	1.1576
153.35	696.0808	1.1553
153.99	696.0808	1.1638
154	696.0808	1.1661
154.01	696.0808	1.1661
154.02	696.0808	1.1661
154.03	696.0808	1.1669
154.05	696.0808	1.1661
154.06	696.0808	1.1677
154.07	696.0808	1.1684
154.09	696.0808	1.1669
154.1	696.0808	1.1669
154.12	696.0808	1.1646
154.25	696.0808	1.1599
154.26	696.0808	1.1638
154.27	696.0808	1.163
154.29	696.0808	1.1591
154.3	696.0808	1.1591
154.31	696.0808	1.1584
154.32	696.0808	1.1591
154.33	696.0808	1.1591
154.34	696.0808	1.1607
154.35	696.0808	1.1638
154.37	708.7968	1.1638
155.68	708.7968	1.1778
155.78	708.7968	1.1762
155.99	708.7968	1.1824
156	708.7968	1.1832

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
94.281	597.3569	1.559
94.42	597.3569	1.5636
94.487	597.3569	1.562
95.488	597.3569	1.5854
95.498	597.3569	1.5884
95.509	597.3569	1.587
95.519	597.3569	1.59
95.528	597.3569	1.5884
95.544	597.3569	1.59
95.555	597.3569	1.5884
95.571	597.3569	1.5916
95.588	597.3569	1.5916
95.599	597.3569	1.5916
95.616	597.3569	1.59
95.63	597.3569	1.59
95.661	597.3569	1.587
95.746	597.3569	1.5854
95.76	597.3569	1.5808
95.77	597.3569	1.5776
95.777	597.3569	1.576
95.783	597.3569	1.576
95.791	597.3569	1.5776
95.801	597.3569	1.5776
95.811	597.3569	1.5744
95.82	597.3569	1.5744
95.828	597.3569	1.576
95.835	597.3569	1.576
95.842	597.3569	1.5776
95.85	597.3569	1.5792
95.863	614.6497	1.5822
95.992	617.6572	1.59
96.154	617.6572	1.5932
96.208	617.6572	1.5932
96.403	617.6572	1.5978
96.814	617.6572	1.6024
96.891	617.6572	1.6056
97.019	617.6572	1.6072
97.494	617.6572	1.6226
97.503	617.6572	1.6226
97.507	617.6572	1.621
97.515	617.6572	1.621
97.525	617.6572	1.621
97.543	617.6572	1.6242
97.555	617.6572	1.6226
97.567	617.6572	1.6258
97.579	617.6572	1.6258
97.592	617.6572	1.6258
97.604	617.6572	1.6258
97.616	617.6572	1.621
97.636	617.6572	1.621
97.736	617.6572	1.6164
97.746	617.6572	1.6164

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
156.01	708.7968	1.1832
156.01	708.7968	1.1832
156.02	708.7968	1.1824
156.04	708.7968	1.184
156.05	708.7968	1.1848
156.06	708.7968	1.1848
156.08	708.7968	1.184
156.09	708.7968	1.1832
156.11	708.7968	1.1809
156.21	708.7968	1.1801
156.23	708.7968	1.1778
156.25	708.7968	1.1785
156.27	708.7968	1.1754
156.28	708.7968	1.1747
156.29	708.7968	1.1739
156.3	708.7968	1.1754
156.31	708.7968	1.1754
156.32	708.7968	1.1754
156.33	708.7968	1.177
156.34	717.2741	1.1809
156.95	717.2741	1.1871
157.03	717.2741	1.1863
157.99	717.2741	1.1995
158	717.2741	1.1995
158	717.2741	1.1995
158.01	717.2741	1.2003
158.02	717.2741	1.1995
158.03	717.2741	1.2011
158.05	717.2741	1.2011
158.06	717.2741	1.2018
158.07	717.2741	1.2011
158.08	717.2741	1.1995
158.1	717.2741	1.1987
158.22	717.2741	1.1956
158.24	717.2741	1.1933
158.25	717.2741	1.1956
158.27	717.2741	1.1948
158.29	717.2741	1.1925
158.3	717.2741	1.1925
158.31	717.2741	1.1933
158.32	717.2741	1.1933
158.33	717.2741	1.1933
158.33	717.2741	1.1948
158.35	731.8739	1.1964
159.99	731.8739	1.2158
159.99	731.8739	1.2166
160	731.8739	1.2166
160.01	731.8739	1.2174
160.02	731.8739	1.2166
160.03	731.8739	1.2174
160.04	731.8739	1.2181
160.05	731.8739	1.2174

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.764	617.6572	1.6118
97.773	617.6572	1.6134
97.783	617.6572	1.6118
97.791	617.6572	1.6118
97.799	617.6572	1.6086
97.807	617.6572	1.6072
97.815	617.6572	1.6086
97.823	617.6572	1.6086
97.829	617.6572	1.6102
97.837	617.6572	1.6102
97.845	617.6572	1.6134
97.992	617.6572	1.6226
98.411	631.9426	1.6304
99.479	631.9426	1.6552
99.485	631.9426	1.6552
99.492	631.9426	1.6552
99.5	631.9426	1.6536
99.509	631.9426	1.6568
99.517	631.9426	1.6568
99.529	631.9426	1.6536
99.542	631.9426	1.6568
99.554	631.9426	1.6568
99.572	631.9426	1.6584
99.583	631.9426	1.6598
99.596	631.9426	1.6568
99.611	631.9426	1.6552
99.634	631.9426	1.6522
99.714	631.9426	1.6506
99.732	631.9426	1.6444
99.741	631.9426	1.6506
99.746	631.9426	1.6506
99.763	631.9426	1.6412
99.776	631.9426	1.6444
99.784	631.9426	1.6412
99.793	631.9426	1.6412
99.801	631.9426	1.6428
99.807	631.9426	1.6412
99.814	631.9426	1.6412
99.822	631.9426	1.6428
99.829	631.9426	1.6428
99.839	631.9426	1.6474
99.945	631.9426	1.6584
99.992	631.9426	1.6584
100.07	631.9426	1.6552
100.11	639.0854	1.6584
100.2	639.0854	1.6598
100.26	639.0854	1.6598
100.85	639.0854	1.6724
101.07	639.0854	1.6738
101.49	639.0854	1.6878
101.5	639.0854	1.6894
101.51	639.0854	1.6862

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
160.06	731.8739	1.2181
160.08	731.8739	1.2174
160.09	731.8739	1.215
160.24	731.8739	1.2135
160.26	731.8739	1.2096
160.28	731.8739	1.2096
160.29	731.8739	1.2104
160.3	731.8739	1.2088
160.31	731.8739	1.208
160.31	731.8739	1.208
160.32	731.8739	1.2088
160.33	731.8739	1.2104
160.34	731.8739	1.2119
160.35	747.8866	1.2135
160.79	747.8866	1.2189
160.84	747.8866	1.2197
160.92	747.8866	1.2181
161.11	749.7704	1.222
161.99	749.7704	1.2321
161.99	749.7704	1.2329
162	749.7704	1.2337
162.01	749.7704	1.2329
162.02	749.7704	1.2329
162.03	749.7704	1.2337
162.04	749.7704	1.2344
162.05	749.7704	1.2344
162.06	749.7704	1.2352
162.08	749.7704	1.2329
162.09	749.7704	1.2321
162.12	749.7704	1.2306
162.21	749.7704	1.2306
162.23	749.7704	1.229
162.25	749.7704	1.229
162.27	749.7704	1.2267
162.28	749.7704	1.2267
162.29	749.7704	1.2259
162.3	749.7704	1.2251
162.31	749.7704	1.2267
162.32	749.7704	1.2259
162.32	749.7704	1.2259
162.33	749.7704	1.2282
162.35	765.7831	1.2298
162.87	765.7831	1.236
163.48	767.6669	1.2399
163.7	767.6669	1.2445
163.86	769.5508	1.2438
163.98	769.5508	1.2469
163.99	769.5508	1.2492
164	769.5508	1.25
164.01	769.5508	1.25
164.01	769.5508	1.25
164.02	769.5508	1.25

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
101.52	639.0854	1.6848
101.53	639.0854	1.6862
101.55	639.0854	1.6926
101.56	639.0854	1.691
101.57	639.0854	1.6894
101.59	639.0854	1.691
101.6	639.0854	1.691
101.61	639.0854	1.6926
101.62	639.0854	1.691
101.64	639.0854	1.6894
101.66	639.0854	1.6878
101.73	639.0854	1.6786
101.74	639.0854	1.6786
101.75	639.0854	1.6786
101.75	639.0854	1.6816
101.76	639.0854	1.6848
101.78	639.0854	1.6754
101.79	639.0854	1.677
101.8	639.0854	1.68
101.81	639.0854	1.677
101.82	639.0854	1.6754
101.82	639.0854	1.6754
101.83	639.0854	1.677
101.84	639.0854	1.6786
101.85	639.0854	1.6786
101.99	641.7169	1.6894
102.49	660.5135	1.6988
102.69	660.5135	1.7002
102.73	660.5135	1.7018
103.14	660.5135	1.7096
103.49	660.5135	1.7188
103.51	660.5135	1.7204
103.52	660.5135	1.7188
103.53	660.5135	1.7252
103.54	660.5135	1.7204
103.55	660.5135	1.7252
103.56	660.5135	1.722
103.57	660.5135	1.7252
103.59	660.5135	1.7252
103.6	660.5135	1.7252
103.61	660.5135	1.7266
103.62	660.5135	1.7236
103.64	660.5135	1.722
103.66	660.5135	1.7204
103.73	660.5135	1.7142
103.74	660.5135	1.7188
103.77	660.5135	1.7096
103.77	660.5135	1.7112
103.78	660.5135	1.7112
103.79	660.5135	1.7112
103.79	660.5135	1.7126
103.8	660.5135	1.708

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
164.04	769.5508	1.2507
164.05	769.5508	1.2507
164.06	769.5508	1.2515
164.07	769.5508	1.2507
164.08	769.5508	1.25
164.1	769.5508	1.2492
164.21	769.5508	1.2461
164.23	769.5508	1.2445
164.25	769.5508	1.2453
164.27	769.5508	1.2414
164.28	769.5508	1.2422
164.29	769.5508	1.2422
164.3	769.5508	1.2414
164.31	769.5508	1.243
164.31	769.5508	1.243
164.32	769.5508	1.2438
164.34	769.5508	1.2461
165.99	769.5508	1.2655
165.99	769.5508	1.2663
166	769.5508	1.2663
166.01	769.5508	1.2663
166.02	769.5508	1.267
166.03	769.5508	1.2663
166.05	769.5508	1.2678
166.06	769.5508	1.2678
166.07	769.5508	1.2678
166.08	769.5508	1.267
166.1	769.5508	1.2655
166.23	769.5508	1.2632
166.25	769.5508	1.2593
166.25	769.5508	1.2624
166.27	769.5508	1.2616
166.29	769.5508	1.2577
166.29	769.5508	1.2585
166.3	769.5508	1.2593
166.31	769.5508	1.2593
166.32	769.5508	1.2608
166.33	769.5508	1.2593
166.34	778.499	1.2632
167.96	803.46	1.2795
167.98	803.46	1.2826
167.99	803.46	1.2826
167.99	803.46	1.2834
168	803.46	1.2834
168.01	803.46	1.2834
168.02	803.46	1.2841
168.03	803.46	1.2834
168.04	803.46	1.2849
168.05	803.46	1.2849
168.06	803.46	1.2841
168.08	803.46	1.2834
168.09	803.46	1.281

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
103.81	660.5135	1.7064
103.82	660.5135	1.708
103.82	660.5135	1.7096
103.83	660.5135	1.7096
103.84	660.5135	1.7112
103.85	660.5135	1.7142
103.86	660.5135	1.7174
103.99	665.0247	1.7252
104.19	665.0247	1.7252
104.77	665.0247	1.7328
105.25	665.0247	1.7468
105.43	665.0247	1.7452
105.49	665.0247	1.753
105.5	665.0247	1.7546
105.51	665.0247	1.7562
105.52	665.0247	1.7578
105.52	665.0247	1.7578
105.53	665.0247	1.7578
105.54	665.0247	1.7578
105.55	665.0247	1.7592
105.56	665.0247	1.7592
105.57	665.0247	1.7592
105.58	665.0247	1.7592
105.59	665.0247	1.7592
105.6	665.0247	1.7562
105.62	665.0247	1.7546
105.73	665.0247	1.75
105.74	665.0247	1.75
105.75	665.0247	1.7516
105.77	665.0247	1.7438
105.77	665.0247	1.7452
105.78	665.0247	1.7438
105.79	665.0247	1.739
105.8	665.0247	1.7438
105.8	665.0247	1.7422
105.81	665.0247	1.7438
105.82	665.0247	1.7422
105.83	665.0247	1.7438
105.83	665.0247	1.7468
105.85	665.0247	1.753
105.87	683.8213	1.753
105.99	683.8213	1.7562
106.06	683.8213	1.7592
106.11	683.8213	1.7608
106.12	683.8213	1.7592
106.2	683.8213	1.7608
106.31	683.8213	1.7624
106.65	683.8213	1.767
107.17	683.8213	1.7794
107.29	683.8213	1.778
107.48	683.8213	1.7842
107.5	683.8213	1.7872

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
168.21	803.46	1.2795
168.23	803.46	1.2771
168.24	803.46	1.2748
168.25	803.46	1.2787
168.27	803.46	1.2787
168.28	803.46	1.274
168.29	803.46	1.2748
168.3	803.46	1.2748
168.31	803.46	1.2764
168.32	803.46	1.2771
168.33	803.46	1.2787
168.35	809.1115	1.2818
168.47	809.1115	1.2834
169.48	809.1115	1.2911
169.98	809.1115	1.2989
169.99	809.1115	1.2989
169.99	809.1115	1.2997
170	809.1115	1.2997
170.01	809.1115	1.3004
170.02	809.1115	1.3004
170.03	809.1115	1.302
170.04	809.1115	1.3012
170.05	809.1115	1.302
170.06	809.1115	1.3004
170.07	809.1115	1.2997
170.08	809.1115	1.2989
170.22	809.1115	1.2966
170.24	809.1115	1.2927
170.24	809.1115	1.2927
170.25	809.1115	1.295
170.27	809.1115	1.295
170.28	809.1115	1.2911
170.29	809.1115	1.2911
170.3	809.1115	1.2911
170.31	809.1115	1.2919
170.32	809.1115	1.2934
170.33	809.1115	1.2958
171.98	809.1115	1.3152
171.99	809.1115	1.316
171.99	809.1115	1.316
172	809.1115	1.316
172.01	809.1115	1.3167
172.02	809.1115	1.3167
172.03	809.1115	1.3175
172.04	809.1115	1.3175
172.06	809.1115	1.3175
172.07	809.1115	1.3175
172.08	809.1115	1.3167
172.1	809.1115	1.3144
172.24	809.1115	1.3113
172.24	809.1115	1.3113
172.25	809.1115	1.3129

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
107.54	683.8213	1.7826
107.56	683.8213	1.7872
107.57	683.8213	1.7888
107.58	683.8213	1.7872
107.6	683.8213	1.7904
107.62	683.8213	1.7904
107.63	683.8213	1.7904
107.65	683.8213	1.7904
107.66	683.8213	1.7904
107.68	683.8213	1.7934
107.69	683.8213	1.7918
107.71	683.8213	1.7888
107.78	683.8213	1.781
107.79	683.8213	1.7794
107.79	683.8213	1.7794
107.8	683.8213	1.7794
107.81	683.8213	1.781
107.81	683.8213	1.7764
107.82	683.8213	1.7794
107.83	683.8213	1.778
107.84	683.8213	1.7794
107.85	683.8213	1.7794
107.86	683.8213	1.778
107.87	683.8213	1.778
107.88	683.8213	1.7794
107.89	683.8213	1.7826
107.91	702.242	1.7888
107.99	702.242	1.7904
108	702.242	1.798
108	702.242	1.7966
108	702.242	1.7996
108.01	702.242	1.795
108.02	702.242	1.7918
108.03	702.242	1.7966
108.07	702.242	1.795
108.12	702.242	1.7934
108.17	702.242	1.7966
108.21	702.242	1.7966
108.35	702.242	1.7934
108.37	702.242	1.7934
108.38	702.242	1.7918
108.39	702.242	1.7918
108.4	702.242	1.7934
108.42	702.242	1.7934
108.44	702.242	1.7934
108.45	702.242	1.7918
108.46	702.242	1.7904
108.47	702.242	1.7934
109.36	702.242	1.812
109.47	702.242	1.8214
109.48	702.242	1.8198
109.49	702.242	1.8214

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
172.27	809.1115	1.3113
172.29	809.1115	1.3082
172.3	809.1115	1.3097
172.31	809.1115	1.309
172.32	809.1115	1.309
172.32	809.1115	1.309
172.33	809.1115	1.3097
172.34	809.1115	1.3113
172.36	821.3565	1.3144
172.74	821.3565	1.3191
172.83	823.2404	1.3183
173.98	823.2404	1.3323
173.99	823.2404	1.333
173.99	823.2404	1.333
174	823.2404	1.333
174.01	823.2404	1.3338
174.02	823.2404	1.3338
174.03	823.2404	1.3346
174.04	823.2404	1.3354
174.05	823.2404	1.3354
174.07	823.2404	1.3338
174.08	823.2404	1.3323
174.1	823.2404	1.3307
174.19	823.2404	1.3307
174.22	823.2404	1.3299
174.24	823.2404	1.3261
174.24	823.2404	1.3261
174.25	823.2404	1.3284
174.26	823.2404	1.3268
174.26	823.2404	1.3276
174.27	823.2404	1.3268
174.28	823.2404	1.3261
174.29	823.2404	1.3268
174.3	823.2404	1.3268
174.31	828.4209	1.3292
174.75	828.4209	1.3361
174.85	828.4209	1.3338
175.97	828.4209	1.3486
175.98	828.4209	1.3486
175.99	828.4209	1.3493
175.99	828.4209	1.3493
176	828.4209	1.3501
176.01	828.4209	1.3509
176.03	828.4209	1.3501
176.04	828.4209	1.3501
176.05	828.4209	1.3509
176.06	828.4209	1.3501
176.08	828.4209	1.3493
176.1	828.4209	1.347
176.19	828.4209	1.3462
176.21	828.4209	1.3462
176.23	828.4209	1.3431

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
109.5	702.242	1.8198
109.51	702.242	1.8244
109.52	702.242	1.8214
109.53	702.242	1.823
109.55	702.242	1.826
109.56	702.242	1.8244
109.57	702.242	1.8244
109.58	702.242	1.826
109.59	702.242	1.826
109.61	702.242	1.8214
109.63	702.242	1.8182
109.72	702.242	1.8136
109.73	702.242	1.8182
109.74	702.242	1.8182
109.76	702.242	1.809
109.77	702.242	1.8106
109.77	702.242	1.8106
109.78	702.242	1.8106
109.79	702.242	1.809
109.8	702.242	1.8074
109.8	702.242	1.8058
109.81	702.242	1.8058
109.82	702.242	1.8106
109.82	702.242	1.8106
109.83	702.242	1.8152
109.84	702.242	1.8152
109.99	702.242	1.8244
110.15	702.242	1.8276
110.29	702.242	1.8276
110.39	702.242	1.8306
110.45	702.242	1.8322
110.52	702.242	1.8322
110.77	702.242	1.837
111.01	702.242	1.84
111.09	702.242	1.84
111.48	702.242	1.854
111.49	702.242	1.854
111.5	702.242	1.854
111.51	702.242	1.854
111.52	702.242	1.8524
111.53	702.242	1.857
111.54	702.242	1.857
111.55	702.242	1.8556
111.57	702.242	1.8586
111.58	702.242	1.8586
111.59	702.242	1.8602
111.6	702.242	1.8602
111.61	702.242	1.857
111.63	702.242	1.854
111.73	702.242	1.8524
111.75	702.242	1.8462
111.76	702.242	1.8416

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
176.24	828.4209	1.3462
176.25	828.4209	1.3447
176.27	828.4209	1.3424
176.28	828.4209	1.3424
176.29	828.4209	1.3424
176.3	828.4209	1.3416
176.3	828.4209	1.3416
176.31	828.4209	1.3431
176.32	837.3692	1.3447
176.36	862.3302	1.3501
176.4	862.3302	1.3486
177.84	862.3302	1.3602
177.97	862.3302	1.3649
177.98	862.3302	1.3656
177.98	862.3302	1.3649
177.99	862.3302	1.3656
177.99	862.3302	1.3656
178	862.3302	1.3672
178.01	862.3302	1.3664
178.02	862.3302	1.3672
178.04	862.3302	1.3672
178.05	862.3302	1.3672
178.06	862.3302	1.3672
178.07	862.3302	1.3664
178.08	862.3302	1.3656
178.21	862.3302	1.3633
178.23	862.3302	1.3633
178.24	862.3302	1.3618
178.26	862.3302	1.3602
178.27	862.3302	1.3587
178.28	862.3302	1.3594
178.29	862.3302	1.3587
178.3	862.3302	1.3571
178.3	862.3302	1.3587
178.31	862.3302	1.3594
178.32	862.3302	1.361
178.33	862.3302	1.3633
178.9	862.3302	1.3695
178.97	862.3302	1.3695
179.97	862.3302	1.3827
179.98	862.3302	1.3827
179.99	862.3302	1.3827
179.99	862.3302	1.3827
179.99	862.3302	1.3827
180	862.3302	1.3827
180.01	862.3302	1.3827
180.02	862.3302	1.3835
180.04	862.3302	1.3835
180.05	862.3302	1.3851
180.06	862.3302	1.3843
180.07	862.3302	1.3827
180.09	862.3302	1.3812

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
111.77	702.242	1.8462
111.77	702.242	1.8432
111.78	702.242	1.8432
111.79	702.242	1.8416
111.79	702.242	1.8446
111.8	702.242	1.84
111.81	702.242	1.8432
111.82	702.242	1.8446
111.82	702.242	1.8416
111.83	702.242	1.8446
111.84	702.242	1.8462
111.99	703.7458	1.857
113.14	723.6702	1.8742
113.2	723.6702	1.8804
113.26	723.6702	1.8788
113.35	723.6702	1.8772
113.48	723.6702	1.8866
113.49	723.6702	1.885
113.49	723.6702	1.8912
113.5	723.6702	1.8898
113.51	723.6702	1.8882
113.52	723.6702	1.8882
113.53	723.6702	1.8912
113.54	723.6702	1.8866
113.56	723.6702	1.8898
113.57	723.6702	1.8928
113.58	723.6702	1.8928
113.59	723.6702	1.8912
113.6	723.6702	1.8912
113.62	723.6702	1.8898
113.66	723.6702	1.885
113.72	723.6702	1.8772
113.73	723.6702	1.8788
113.74	723.6702	1.8804
113.74	723.6702	1.885
113.75	723.6702	1.8834
113.76	723.6702	1.8772
113.78	723.6702	1.8758
113.78	723.6702	1.8772
113.79	723.6702	1.8772
113.8	723.6702	1.8742
113.81	723.6702	1.8758
113.81	723.6702	1.8758
113.82	723.6702	1.8788
113.83	723.6702	1.8772
113.84	723.6702	1.8804
113.85	723.6702	1.882
113.99	723.6702	1.8882
114.24	723.6702	1.8944
114.5	723.6702	1.896
115.47	723.6702	1.9224
115.48	723.6702	1.9192

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
180.21	862.3302	1.3796
180.23	862.3302	1.3765
180.23	862.3302	1.3788
180.24	862.3302	1.3796
180.26	862.3302	1.3773
180.28	862.3302	1.3757
180.28	862.3302	1.3765
180.29	862.3302	1.375
180.3	862.3302	1.3757
180.31	862.3302	1.3773
180.32	862.3302	1.3781
180.33	862.3302	1.3796
181.97	862.3302	1.399
181.98	862.3302	1.3998
181.99	862.3302	1.3998
181.99	862.3302	1.3998
182	862.3302	1.3998
182.01	862.3302	1.3998
182.02	862.3302	1.4014
182.03	862.3302	1.4006
182.04	862.3302	1.4014
182.06	862.3302	1.4006
182.07	862.3302	1.4006
182.08	862.3302	1.3975
182.23	862.3302	1.3967
182.25	862.3302	1.3936
182.26	862.3302	1.3936
182.27	862.3302	1.3913
182.28	862.3302	1.3928
182.29	862.3302	1.3913
182.3	862.3302	1.392
182.31	862.3302	1.3913
182.31	862.3302	1.3928
182.32	862.3302	1.392
182.33	862.3302	1.3952
182.35	880.2267	1.3967
183.86	880.2267	1.4122
183.98	880.2267	1.4153
183.99	880.2267	1.4146
184	880.2267	1.4146
184.01	880.2267	1.4153
184.02	880.2267	1.4153
184.03	880.2267	1.4161
184.05	880.2267	1.4153
184.06	880.2267	1.4161
184.08	880.2267	1.4161
184.09	880.2267	1.4161
184.11	880.2267	1.4161
184.23	880.2267	1.4115
184.24	880.2267	1.413
184.25	880.2267	1.413
184.27	880.2267	1.4099

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
115.49	723.6702	1.9224
115.5	723.6702	1.9238
115.5	723.6702	1.9224
115.51	723.6702	1.9224
115.52	723.6702	1.9208
115.53	723.6702	1.9224
115.55	723.6702	1.9208
115.56	723.6702	1.9254
115.57	723.6702	1.927
115.58	723.6702	1.9254
115.59	723.6702	1.9254
115.6	723.6702	1.9224
115.62	723.6702	1.9208
115.73	723.6702	1.913
115.73	723.6702	1.913
115.74	723.6702	1.9192
115.75	723.6702	1.916
115.76	723.6702	1.9098
115.77	723.6702	1.9084
115.78	723.6702	1.9098
115.79	723.6702	1.9098
115.8	723.6702	1.9068
115.8	723.6702	1.9084
115.81	723.6702	1.9114
115.82	723.6702	1.913
115.82	723.6702	1.9114
115.83	723.6702	1.913
115.84	723.6702	1.916
115.87	742.4668	1.9208
115.99	742.4668	1.9224
116.29	742.4668	1.9286
116.61	742.4668	1.9316
116.71	742.4668	1.9362
116.81	742.4668	1.9378
117.38	742.4668	1.9472
117.42	742.4668	1.9472
117.47	742.4668	1.9564
117.48	742.4668	1.9518
117.48	742.4668	1.9518
117.49	742.4668	1.9534
117.51	742.4668	1.9518
117.52	742.4668	1.958
117.53	742.4668	1.955
117.54	742.4668	1.955
117.55	742.4668	1.9596
117.56	742.4668	1.958
117.57	742.4668	1.9596
117.58	742.4668	1.958
117.59	742.4668	1.958
117.6	742.4668	1.958
117.61	742.4668	1.955
117.72	742.4668	1.9472

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
184.28	880.2267	1.4099
184.29	880.2267	1.4099
184.3	880.2267	1.4091
184.31	880.2267	1.4083
184.32	880.2267	1.4091
184.32	880.2267	1.4091
184.33	880.2267	1.413
184.35	900.0071	1.4138
184.68	900.0071	1.4184
185.21	900.0071	1.4215
185.26	900.0071	1.4239
185.31	900.0071	1.4239
185.38	900.0071	1.4239
185.42	900.0071	1.4247
185.87	900.0071	1.4278
185.98	900.0071	1.4309
185.98	900.0071	1.4309
186	900.0071	1.4316
186	900.0071	1.4316
186.01	900.0071	1.4324
186.03	900.0071	1.4332
186.04	900.0071	1.4332
186.06	900.0071	1.4324
186.07	900.0071	1.4324
186.09	900.0071	1.4324
186.11	900.0071	1.4316
186.15	900.0071	1.4301
186.21	900.0071	1.4278
186.23	900.0071	1.4262
186.23	900.0071	1.4285
186.24	900.0071	1.4293
186.25	900.0071	1.4285
186.27	900.0071	1.4254
186.28	900.0071	1.4262
186.29	900.0071	1.4262
186.3	900.0071	1.4262
186.3	900.0071	1.4247
186.31	900.0071	1.4254
186.32	900.0071	1.4278
186.34	907.0715	1.4293
187.1	907.0715	1.4394
187.24	907.0715	1.4386
187.78	907.0715	1.4448
187.9	908.4844	1.4441
187.97	908.4844	1.4487
187.98	908.4844	1.4495
187.98	908.4844	1.4495
187.99	908.4844	1.4495
188	908.4844	1.4495
188.01	908.4844	1.4495
188.02	908.4844	1.4503
188.03	908.4844	1.4511

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
117.73	742.4668	1.9502
117.73	742.4668	1.9502
117.75	742.4668	1.944
117.75	742.4668	1.9456
117.76	742.4668	1.941
117.77	742.4668	1.9424
117.78	742.4668	1.941
117.78	742.4668	1.941
117.79	742.4668	1.9424
117.8	742.4668	1.9424
117.8	742.4668	1.9424
117.81	742.4668	1.9424
117.82	742.4668	1.9472
117.83	742.4668	1.9472
117.86	753.7448	1.9534
117.99	753.7448	1.955
118.14	753.7448	1.9612
118.48	753.7448	1.9658
119.1	753.7448	1.9766
119.24	753.7448	1.9766
119.49	753.7448	1.9876
119.49	753.7448	1.9844
119.5	753.7448	1.9828
119.52	753.7448	1.9876
119.53	753.7448	1.9844
119.55	753.7448	1.9876
119.56	753.7448	1.989
119.58	753.7448	1.989
119.59	753.7448	1.9906
119.61	753.7448	1.9906
119.62	753.7448	1.9922
119.63	753.7448	1.9906
119.65	753.7448	1.9906
119.66	753.7448	1.989
119.69	753.7448	1.9876
119.73	753.7448	1.9844
119.74	753.7448	1.9828
119.76	753.7448	1.9766
119.76	753.7448	1.9782
119.77	753.7448	1.9782
119.77	753.7448	1.9814
119.78	753.7448	1.9766
119.79	753.7448	1.9752
119.8	753.7448	1.9736
119.81	753.7448	1.9752
119.81	753.7448	1.9766
119.82	753.7448	1.9798
119.83	753.7448	1.9782
119.84	753.7448	1.9782
119.84	753.7448	1.9798
119.86	762.3912	1.9876
119.99	762.3912	1.9906

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
188.04	908.4844	1.4503
188.05	908.4844	1.4503
188.06	908.4844	1.4503
188.08	908.4844	1.4487
188.11	908.4844	1.4464
188.2	908.4844	1.4464
188.22	908.4844	1.4425
188.23	908.4844	1.4425
188.24	908.4844	1.4456
188.25	908.4844	1.4456
188.27	908.4844	1.4425
188.27	908.4844	1.4425
188.28	908.4844	1.4433
188.29	908.4844	1.4417
188.3	908.4844	1.4417
188.31	908.4844	1.4425
188.31	908.4844	1.4441
188.33	914.1359	1.4464
189.76	914.1359	1.4619
189.98	914.1359	1.4642
190	914.1359	1.465
190.01	914.1359	1.465
190.02	914.1359	1.465
190.03	914.1359	1.4658
190.05	914.1359	1.465
190.07	914.1359	1.4658
190.09	914.1359	1.4666
190.11	914.1359	1.4666
190.12	914.1359	1.4658
190.16	914.1359	1.4642
190.23	914.1359	1.4635
190.25	914.1359	1.4611
190.26	914.1359	1.4588
190.26	914.1359	1.4596
190.27	914.1359	1.4596
190.28	914.1359	1.4604
190.29	914.1359	1.4596
190.3	914.1359	1.458
190.31	914.1359	1.458
190.31	914.1359	1.4596
190.32	914.1359	1.4611
190.33	915.5488	1.4627
190.35	940.9807	1.4627
190.64	940.9807	1.4689
190.69	940.9807	1.4697
190.84	940.9807	1.4674
191.96	940.9807	1.4821
191.97	940.9807	1.4821
191.98	940.9807	1.4829
191.98	940.9807	1.4821
191.99	940.9807	1.4829
192	940.9807	1.4829

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
120.13	762.3912	1.9922
120.29	762.3912	1.9938
120.3	762.3912	1.9952
121.08	763.895	2.0078
121.42	763.895	2.0154
121.47	763.895	2.0202
121.48	763.895	2.0202
121.49	763.895	2.0202
121.51	763.895	2.0202
121.52	763.895	2.0202
121.53	763.895	2.0202
121.54	763.895	2.0202
121.56	763.895	2.0264
121.57	763.895	2.0264
121.58	763.895	2.0264
121.59	763.895	2.0248
121.6	763.895	2.0264
121.61	763.895	2.0248
121.63	763.895	2.0216
121.65	763.895	2.0186
121.73	763.895	2.0108
121.73	763.895	2.0154
121.74	763.895	2.017
121.74	763.895	2.017
121.76	763.895	2.0124
121.77	763.895	2.0078
121.78	763.895	2.0078
121.78	763.895	2.0108
121.79	763.895	2.0078
121.8	763.895	2.0092
121.8	763.895	2.0078
121.81	763.895	2.0092
121.82	763.895	2.0092
121.82	763.895	2.0124
121.83	763.895	2.017
121.85	766.5265	2.0202
121.99	766.5265	2.0232
122.76	766.5265	2.0372
122.97	766.5265	2.0388
123.4	766.5265	2.0496
123.49	766.5265	2.0512
123.52	766.5265	2.0512
123.54	766.5265	2.0512
123.57	766.5265	2.0542
123.57	766.5265	2.0574
123.59	766.5265	2.0558
123.6	766.5265	2.0558
123.62	766.5265	2.0558
123.63	766.5265	2.0574
123.65	766.5265	2.0558
123.67	766.5265	2.059
123.68	766.5265	2.0574

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
192.02	940.9807	1.4829
192.03	940.9807	1.4837
192.04	940.9807	1.4844
192.06	940.9807	1.4821
192.07	940.9807	1.4821
192.1	940.9807	1.4806
192.21	940.9807	1.4767
192.22	940.9807	1.479
192.24	940.9807	1.4767
192.25	940.9807	1.4751
192.26	940.9807	1.4759
192.27	940.9807	1.4767
192.28	940.9807	1.4743
192.29	940.9807	1.4759
192.3	940.9807	1.4736
192.3	940.9807	1.4751
192.31	940.9807	1.4774
192.32	940.9807	1.4782
192.34	946.1613	1.4806
193.75	946.1613	1.4945
193.89	948.0451	1.4961
193.96	948.0451	1.4992
193.97	948.0451	1.4984
193.98	948.0451	1.4992
193.98	948.0451	1.4992
193.98	948.0451	1.4992
193.99	948.0451	1.5
194	948.0451	1.5
194.01	948.0451	1.5007
194.02	948.0451	1.5007
194.03	948.0451	1.5015
194.04	948.0451	1.5015
194.05	948.0451	1.4992
194.07	948.0451	1.4992
194.09	948.0451	1.4976
194.18	948.0451	1.4961
194.21	948.0451	1.4938
194.22	948.0451	1.4961
194.23	948.0451	1.4953
194.25	948.0451	1.4922
194.26	948.0451	1.4914
194.27	948.0451	1.4922
194.28	948.0451	1.4914
194.29	948.0451	1.4914
194.29	948.0451	1.4906
194.3	948.0451	1.4914
194.31	948.0451	1.4938
194.32	948.0451	1.4953
194.97	948.0451	1.5031
195.09	948.0451	1.5046
195.46	948.0451	1.5085
195.59	948.0451	1.5093

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.7	766.5265	2.0558
123.73	766.5265	2.0512
123.74	766.5265	2.0528
123.77	766.5265	2.0466
123.77	766.5265	2.045
123.78	766.5265	2.0466
123.79	766.5265	2.0466
123.8	766.5265	2.0434
123.8	766.5265	2.0434
123.81	766.5265	2.0434
123.82	766.5265	2.0434
123.83	766.5265	2.0434
123.84	766.5265	2.0434
123.84	766.5265	2.045
123.85	766.5265	2.0466
123.88	782.3157	2.0528
123.96	782.3157	2.0574
123.99	782.3157	2.0574
125.25	786.8269	2.0776
125.47	786.8269	2.09
125.48	786.8269	2.087
125.49	786.8269	2.0854
125.49	786.8269	2.0854
125.51	786.8269	2.0884
125.52	786.8269	2.0916
125.53	786.8269	2.0916
125.54	786.8269	2.087
125.56	786.8269	2.09
125.57	786.8269	2.09
125.58	786.8269	2.0932
125.59	786.8269	2.0916
125.6	786.8269	2.0916
125.61	786.8269	2.09
125.63	786.8269	2.0884
125.72	786.8269	2.0806
125.73	786.8269	2.0806
125.73	786.8269	2.0822
125.74	786.8269	2.0822
125.75	786.8269	2.0838
125.76	786.8269	2.0776
125.77	786.8269	2.0744
125.78	786.8269	2.076
125.79	786.8269	2.076
125.79	786.8269	2.076
125.8	786.8269	2.076
125.81	786.8269	2.0792
125.82	786.8269	2.076
125.82	786.8269	2.0776
125.85	786.8269	2.087
125.99	786.8269	2.09
126.76	798.1048	2.1024
126.84	798.1048	2.1056

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
195.96	948.0451	1.5163
195.97	948.0451	1.5155
195.98	948.0451	1.517
195.98	948.0451	1.5163
195.99	948.0451	1.5163
196	948.0451	1.5163
196.01	948.0451	1.5178
196.02	948.0451	1.517
196.03	948.0451	1.5178
196.04	948.0451	1.5178
196.05	948.0451	1.5163
196.07	948.0451	1.5155
196.09	948.0451	1.5132
196.17	948.0451	1.5132
196.2	948.0451	1.5124
196.22	948.0451	1.5093
196.22	948.0451	1.5108
196.23	948.0451	1.5124
196.25	948.0451	1.5101
196.27	948.0451	1.5093
196.27	948.0451	1.5085
196.28	948.0451	1.5069
196.29	948.0451	1.5077
196.29	948.0451	1.5101
196.3	948.0451	1.5101
196.31	948.0451	1.5116
197.96	948.0451	1.5318
197.97	948.0451	1.5326
197.98	948.0451	1.5318
197.98	948.0451	1.5326
197.99	948.0451	1.5326
198	948.0451	1.5326
198.01	948.0451	1.5333
198.03	948.0451	1.5333
198.04	948.0451	1.5333
198.05	948.0451	1.5333
198.06	948.0451	1.5333
198.08	948.0451	1.5326
198.1	948.0451	1.531
198.21	948.0451	1.5279
198.22	948.0451	1.5295
198.24	948.0451	1.5271
198.25	948.0451	1.5271
198.26	948.0451	1.5264
198.27	948.0451	1.5271
198.28	948.0451	1.5271
198.29	948.0451	1.5248
198.3	948.0451	1.5256
198.31	948.0451	1.5279
198.31	948.0451	1.5264
198.32	948.0451	1.5264
198.33	965.4707	1.5295

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
127.5	798.1048	2.121
127.52	798.1048	2.1164
127.54	798.1048	2.1196
127.57	798.1048	2.121
127.57	798.1048	2.1226
127.58	798.1048	2.1226
127.6	798.1048	2.121
127.61	798.1048	2.1226
127.63	798.1048	2.1226
127.64	798.1048	2.1272
127.65	798.1048	2.1258
127.66	798.1048	2.1258
127.68	798.1048	2.1242
127.69	798.1048	2.1226
127.73	798.1048	2.121
127.74	798.1048	2.1196
127.77	798.1048	2.1118
127.77	798.1048	2.1118
127.78	798.1048	2.1118
127.78	798.1048	2.1132
127.79	798.1048	2.1118
127.8	798.1048	2.1102
127.81	798.1048	2.1102
127.82	798.1048	2.1118
127.82	798.1048	2.1102
127.83	798.1048	2.1102
127.84	798.1048	2.1102
127.85	798.1048	2.1148
127.86	798.1048	2.1164
127.99	798.1048	2.1226
128.15	798.1048	2.1272
128.58	798.1048	2.132
128.81	798.1048	2.1412
128.84	798.1048	2.1396
128.97	798.1048	2.1382
129	798.1048	2.1382
129.47	798.1048	2.1522
129.48	798.1048	2.1536
129.49	798.1048	2.1536
129.5	798.1048	2.1536
129.51	798.1048	2.1536
129.52	798.1048	2.1552
129.54	798.1048	2.1584
129.55	798.1048	2.1568
129.56	798.1048	2.1584
129.57	798.1048	2.1584
129.58	798.1048	2.1584
129.59	798.1048	2.1584
129.6	798.1048	2.1584
129.62	798.1048	2.1552
129.64	798.1048	2.1522
129.72	798.1048	2.1444

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
198.89	965.4707	1.5357
198.92	965.4707	1.5372
199.06	965.4707	1.5372
199.12	965.4707	1.538
199.79	965.4707	1.545
199.95	965.4707	1.5481
199.96	965.4707	1.5489
199.97	965.4707	1.5481
199.98	965.4707	1.5481
199.98	965.4707	1.5489
199.99	965.4707	1.5496
200	965.4707	1.5496
200.01	965.4707	1.5504
200.03	965.4707	1.5496
200.04	965.4707	1.5496
200.05	965.4707	1.5504
200.06	965.4707	1.5504
200.08	965.4707	1.5489
200.1	965.4707	1.5473
200.22	965.4707	1.5458
200.24	965.4707	1.5427
200.25	965.4707	1.5434
200.26	965.4707	1.5427
200.26	965.4707	1.5411
200.27	965.4707	1.5419
200.28	965.4707	1.5427
200.29	965.4707	1.5427
200.3	965.4707	1.5419
200.3	965.4707	1.5411
200.31	965.4707	1.5434
200.32	965.4707	1.5442
200.33	970.6513	1.5458
200.42	970.6513	1.5496
200.53	970.6513	1.5496
201.97	970.6513	1.5644
201.97	970.6513	1.566
201.98	970.6513	1.566
201.98	970.6513	1.566
201.99	970.6513	1.566
202	970.6513	1.566
202.01	970.6513	1.5667
202.02	970.6513	1.5675
202.03	970.6513	1.5675
202.05	970.6513	1.5675
202.05	970.6513	1.5667
202.07	970.6513	1.566
202.08	970.6513	1.5652
202.19	970.6513	1.5636
202.21	970.6513	1.5613
202.22	970.6513	1.5621
202.24	970.6513	1.559
202.25	970.6513	1.559

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
129.72	798.1048	2.1506
129.73	798.1048	2.1506
129.74	798.1048	2.1506
129.75	798.1048	2.1474
129.76	798.1048	2.1412
129.77	798.1048	2.1428
129.78	798.1048	2.1412
129.79	798.1048	2.1396
129.79	798.1048	2.1428
129.8	798.1048	2.1412
129.8	798.1048	2.1428
129.81	798.1048	2.1444
129.82	798.1048	2.1444
129.84	799.2326	2.1522
129.99	806.7513	2.1584
130.55	806.7513	2.1692
130.57	806.7513	2.1692
130.6	806.7513	2.1692
130.69	806.7513	2.1692
130.73	806.7513	2.166
130.74	806.7513	2.1754
130.74	806.7513	2.1754
130.75	806.7513	2.1738
130.76	806.7513	2.1738
130.77	806.7513	2.1738
130.79	806.7513	2.1754
130.8	806.7513	2.177
130.82	806.7513	2.1754
130.85	806.7513	2.1754
130.89	806.7513	2.1754
130.94	806.7513	2.1754
131	806.7513	2.1754
131.06	806.7513	2.1738
131.08	806.7513	2.1738
131.09	806.7513	2.1738
131.11	806.7513	2.1754
131.13	806.7513	2.1738
131.15	806.7513	2.1724
131.18	806.7513	2.1738
131.2	806.7513	2.1738
131.22	806.7513	2.1738
131.23	806.7513	2.1708
131.25	807.8791	2.1738
131.27	828.1794	2.1754
131.44	828.1794	2.1862
131.46	828.1794	2.1862
131.47	828.1794	2.1862
131.48	828.1794	2.1862
131.49	828.1794	2.1862
131.5	828.1794	2.1862
131.51	828.1794	2.1862
131.53	828.1794	2.1878

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.26	970.6513	1.5597
202.27	970.6513	1.559
202.27	970.6513	1.5582
202.28	970.6513	1.5574
202.29	970.6513	1.5582
202.3	970.6513	1.5597
202.3	970.6513	1.5605
202.32	988.5478	1.5644
202.41	988.5478	1.566
202.53	988.5478	1.5667
202.63	988.5478	1.5691
202.77	988.5478	1.5683
202.84	988.5478	1.5698
203	988.5478	1.5698
203.31	988.5478	1.5745
203.5	988.5478	1.5737
203.95	988.5478	1.5823
203.96	988.5478	1.583
203.97	988.5478	1.583
203.97	988.5478	1.5823
203.98	988.5478	1.583
203.98	988.5478	1.5823
203.98	988.5478	1.5823
203.99	988.5478	1.583
204	988.5478	1.5838
204.02	988.5478	1.5846
204.02	988.5478	1.5838
204.04	988.5478	1.583
204.05	988.5478	1.5815
204.2	988.5478	1.5776
204.21	988.5478	1.5776
204.22	988.5478	1.5784
204.23	988.5478	1.5784
204.25	988.5478	1.576
204.26	988.5478	1.576
204.26	988.5478	1.5745
204.27	988.5478	1.5745
204.28	988.5478	1.5737
204.28	988.5478	1.5776
204.29	988.5478	1.576
204.3	988.5478	1.5768
204.32	992.3155	1.5807
204.59	992.3155	1.5846
204.76	992.3155	1.5861
204.82	992.3155	1.5854
204.93	992.3155	1.5861
205.95	992.3155	1.5993
205.96	992.3155	1.5993
205.96	992.3155	1.6001
205.97	992.3155	1.5993
205.98	992.3155	1.6001
205.98	992.3155	1.6001

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.54	828.1794	2.191
131.56	828.1794	2.191
131.57	828.1794	2.1894
131.58	828.1794	2.191
131.59	828.1794	2.1924
131.6	828.1794	2.191
131.62	828.1794	2.1878
131.66	828.1794	2.1862
131.7	828.1794	2.1848
131.72	828.1794	2.1848
131.74	828.1794	2.177
131.75	828.1794	2.1786
131.75	828.1794	2.1786
131.76	828.1794	2.177
131.76	828.1794	2.1754
131.77	828.1794	2.177
131.78	828.1794	2.1738
131.79	828.1794	2.1754
131.79	828.1794	2.1738
131.8	828.1794	2.1754
131.81	828.1794	2.1754
131.81	828.1794	2.1754
131.82	828.1794	2.1816
131.99	828.1794	2.1894
132.5	828.1794	2.1988
132.55	828.1794	2.2002
132.65	828.1794	2.1972
132.78	828.1794	2.2018
133.35	828.1794	2.2142
133.47	828.1794	2.2158
133.49	828.1794	2.2204
133.5	828.1794	2.2174
133.51	828.1794	2.2188
133.53	828.1794	2.2188
133.54	828.1794	2.2236
133.55	828.1794	2.2236
133.56	828.1794	2.2236
133.58	828.1794	2.225
133.59	828.1794	2.225
133.6	828.1794	2.225
133.61	828.1794	2.2266
133.62	828.1794	2.2236
133.64	828.1794	2.2204
133.72	828.1794	2.2142
133.72	828.1794	2.2174
133.73	828.1794	2.2158
133.74	828.1794	2.2142
133.75	828.1794	2.2126
133.76	828.1794	2.2112
133.77	828.1794	2.2096
133.78	828.1794	2.2096
133.79	828.1794	2.2096

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
205.99	992.3155	1.6001
206	992.3155	1.6009
206.01	992.3155	1.6017
206.02	992.3155	1.6017
206.03	992.3155	1.6009
206.04	992.3155	1.5993
206.06	992.3155	1.5978
206.17	992.3155	1.5962
206.19	992.3155	1.5962
206.21	992.3155	1.5931
206.22	992.3155	1.5939
206.23	992.3155	1.5955
206.25	992.3155	1.5908
206.25	992.3155	1.5916
206.26	992.3155	1.5939
206.27	992.3155	1.5908
206.28	992.3155	1.5931
206.28	992.3155	1.5924
206.29	992.3155	1.5947
206.3	1000.793	1.597
206.58	1000.793	1.6009
206.76	1000.793	1.604
207.94	1000.793	1.6156
207.95	1000.793	1.6156
207.96	1000.793	1.6156
207.96	1000.793	1.6156
207.97	1000.793	1.6164
207.98	1000.793	1.6172
207.98	1000.793	1.6172
207.99	1000.793	1.6172
208	1000.793	1.618
208.02	1000.793	1.6172
208.03	1000.793	1.618
208.04	1000.793	1.6156
208.05	1000.793	1.6149
208.2	1000.793	1.6133
208.21	1000.793	1.6118
208.23	1000.793	1.6102
208.24	1000.793	1.6118
208.25	1000.793	1.6094
208.26	1000.793	1.6079
208.26	1000.793	1.6079
208.27	1000.793	1.6079
208.28	1000.793	1.6087
208.29	1000.793	1.6087
208.29	1000.793	1.6102
208.3	1000.793	1.611
208.31	1015.393	1.6133
208.58	1015.393	1.6172
208.64	1015.393	1.6172
208.73	1015.393	1.618
208.82	1015.393	1.6195

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.79	828.1794	2.2064
133.8	828.1794	2.2096
133.81	828.1794	2.2126
133.81	828.1794	2.2158
133.82	828.1794	2.2142
133.84	828.1794	2.2188
133.99	828.1794	2.2236
134.19	828.1794	2.2314
134.33	828.1794	2.2282
134.48	828.1794	2.2314
134.95	828.1794	2.239
135.01	828.1794	2.2422
135.15	828.1794	2.2422
135.24	828.1794	2.2452
135.35	828.1794	2.2452
135.47	828.1794	2.2562
135.48	828.1794	2.2562
135.49	828.1794	2.2546
135.5	828.1794	2.2514
135.52	828.1794	2.2546
135.53	828.1794	2.2514
135.55	828.1794	2.2578
135.56	828.1794	2.2562
135.58	828.1794	2.2562
135.59	828.1794	2.2578
135.6	828.1794	2.2562
135.62	828.1794	2.2562
135.63	828.1794	2.2562
135.65	828.1794	2.2546
135.74	828.1794	2.2452
135.74	828.1794	2.2452
135.75	828.1794	2.2484
135.76	828.1794	2.2452
135.76	828.1794	2.2452
135.77	828.1794	2.2438
135.78	828.1794	2.2422
135.78	828.1794	2.2438
135.79	828.1794	2.2438
135.8	828.1794	2.2422
135.81	828.1794	2.2422
135.81	828.1794	2.2438
135.82	828.1794	2.2438
135.83	828.1794	2.2452
135.85	842.4649	2.2514
135.97	842.4649	2.2578
135.99	842.4649	2.2592
136.17	842.4649	2.2608
136.4	842.4649	2.2654
136.93	843.5927	2.2716
137.12	843.5927	2.2764
137.43	845.0964	2.2826
137.44	845.0964	2.2872

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
209.01	1015.393	1.6234
209.09	1015.393	1.6211
209.17	1015.393	1.6219
209.23	1015.393	1.6219
209.6	1015.393	1.6265
209.7	1015.393	1.625
209.95	1015.393	1.6327
209.96	1015.393	1.6327
209.96	1015.393	1.6327
209.97	1015.393	1.6335
209.98	1015.393	1.6327
209.98	1015.393	1.6335
209.98	1015.393	1.6335
210	1015.393	1.6343
210	1015.393	1.6343
210.01	1015.393	1.6335
210.02	1015.393	1.6343
210.03	1015.393	1.6335
210.04	1015.393	1.6335
210.06	1015.393	1.6304
210.19	1015.393	1.6288
210.2	1015.393	1.6288
210.22	1015.393	1.6288
210.23	1015.393	1.625
210.24	1015.393	1.6257
210.25	1015.393	1.625
210.26	1015.393	1.6257
210.26	1015.393	1.6242
210.27	1015.393	1.6265
210.28	1015.393	1.625
210.29	1015.393	1.6273
210.3	1015.393	1.6281
210.31	1015.393	1.6288
210.46	1015.393	1.6343
210.62	1015.393	1.6335
211.12	1015.393	1.6382
211.19	1015.393	1.6382
211.95	1015.393	1.649
211.96	1015.393	1.649
211.97	1015.393	1.649
211.98	1015.393	1.649
211.98	1015.393	1.649
211.99	1015.393	1.6498
212	1015.393	1.6506
212.01	1015.393	1.6506
212.02	1015.393	1.6498
212.03	1015.393	1.6506
212.04	1015.393	1.6498
212.06	1015.393	1.649
212.08	1015.393	1.6467
212.19	1015.393	1.6428
212.2	1015.393	1.6436

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
137.45	845.0964	2.2872
137.47	845.0964	2.2872
137.48	845.0964	2.2872
137.49	845.0964	2.2904
137.5	845.0964	2.2872
137.51	845.0964	2.2872
137.52	845.0964	2.2872
137.54	845.0964	2.2918
137.55	845.0964	2.2918
137.56	845.0964	2.2918
137.57	845.0964	2.295
137.58	845.0964	2.2934
137.59	845.0964	2.2904
137.6	845.0964	2.2904
137.62	845.0964	2.2842
137.7	845.0964	2.2794
137.71	845.0964	2.2778
137.71	845.0964	2.2778
137.72	845.0964	2.281
137.73	845.0964	2.2826
137.73	845.0964	2.2826
137.75	845.0964	2.2764
137.76	845.0964	2.2748
137.77	845.0964	2.2748
137.78	845.0964	2.2748
137.78	845.0964	2.2764
137.79	845.0964	2.2764
137.8	845.0964	2.2748
137.81	845.0964	2.2778
137.82	845.0964	2.2794
137.83	846.6001	2.2856
137.99	846.6001	2.2888
139.45	846.6001	2.3182
139.47	846.6001	2.3168
139.48	846.6001	2.3182
139.5	846.6001	2.3198
139.51	846.6001	2.3198
139.53	846.6001	2.3214
139.55	846.6001	2.3244
139.56	846.6001	2.3214
139.57	846.6001	2.323
139.59	846.6001	2.3244
139.6	846.6001	2.326
139.61	846.6001	2.323
139.62	846.6001	2.3244
139.64	846.6001	2.323
139.66	846.6001	2.3198
139.71	846.6001	2.312
139.72	846.6001	2.3152
139.72	846.6001	2.3182
139.73	846.6001	2.3168
139.75	846.6001	2.312

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
212.21	1015.393	1.6436
212.21	1015.393	1.6459
212.23	1015.393	1.6451
212.25	1015.393	1.6413
212.26	1015.393	1.642
212.26	1015.393	1.642
212.27	1015.393	1.642
212.28	1015.393	1.6413
212.29	1015.393	1.6428
212.29	1015.393	1.6436
212.31	1018.218	1.6467
212.33	1043.65	1.6475
212.52	1043.65	1.6498
213.12	1043.65	1.6552
213.19	1043.65	1.6552
213.95	1043.65	1.6653
213.96	1043.65	1.6653
213.97	1043.65	1.6653
213.97	1043.65	1.6653
213.98	1043.65	1.6661
213.99	1043.65	1.6669
214	1043.65	1.6677
214.01	1043.65	1.6677
214.03	1043.65	1.6677
214.04	1043.65	1.6669
214.05	1043.65	1.6653
214.06	1043.65	1.6653
214.1	1043.65	1.6638
214.17	1043.65	1.663
214.2	1043.65	1.663
214.21	1043.65	1.663
214.23	1043.65	1.6607
214.24	1043.65	1.6599
214.25	1043.65	1.6591
214.26	1043.65	1.6591
214.27	1043.65	1.6576
214.27	1043.65	1.6583
214.28	1043.65	1.6576
214.29	1043.65	1.6583
214.29	1043.65	1.6591
214.3	1043.65	1.6614
214.32	1045.063	1.6638
214.62	1045.063	1.6669
215.59	1045.063	1.6762
215.73	1045.063	1.6754
215.77	1045.063	1.6762
215.94	1045.063	1.6816
215.95	1045.063	1.6816
215.96	1045.063	1.6816
215.97	1045.063	1.6816
215.98	1045.063	1.6816
215.99	1045.063	1.6824

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.76	846.6001	2.312
139.77	846.6001	2.3104
139.78	846.6001	2.3104
139.79	846.6001	2.309
139.79	846.6001	2.3104
139.8	846.6001	2.309
139.81	846.6001	2.312
139.81	846.6001	2.309
139.82	846.6001	2.3152
139.83	846.6001	2.3152
139.85	860.8856	2.3182
139.99	860.8856	2.3244
140.37	860.8856	2.3322
140.88	860.8856	2.3368
141.45	860.8856	2.3508
141.46	860.8856	2.354
141.47	860.8856	2.3556
141.48	860.8856	2.3524
141.49	860.8856	2.3524
141.5	860.8856	2.3556
141.52	860.8856	2.354
141.54	860.8856	2.357
141.55	860.8856	2.357
141.57	860.8856	2.357
141.58	860.8856	2.3586
141.59	860.8856	2.357
141.6	860.8856	2.3586
141.61	860.8856	2.357
141.63	860.8856	2.354
141.71	860.8856	2.3446
141.71	860.8856	2.3494
141.72	860.8856	2.3508
141.73	860.8856	2.3508
141.75	860.8856	2.3432
141.76	860.8856	2.3446
141.76	860.8856	2.3416
141.77	860.8856	2.3416
141.78	860.8856	2.3416
141.78	860.8856	2.3416
141.79	860.8856	2.34
141.8	860.8856	2.3446
141.8	860.8856	2.3432
141.81	860.8856	2.3446
141.82	860.8856	2.3494
141.84	878.1785	2.3524
141.99	878.1785	2.357
142.05	878.1785	2.3602
142.43	878.1785	2.3632
142.48	878.1785	2.368
142.77	878.1785	2.368
143.12	878.1785	2.3772
143.45	878.1785	2.3866

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
216.01	1045.063	1.6824
216.02	1045.063	1.6832
216.04	1045.063	1.6824
216.05	1045.063	1.6824
216.06	1045.063	1.684
216.08	1045.063	1.6824
216.11	1045.063	1.6809
216.21	1045.063	1.6778
216.21	1045.063	1.6801
216.22	1045.063	1.6793
216.24	1045.063	1.6762
216.25	1045.063	1.6762
216.27	1045.063	1.6754
216.27	1045.063	1.6754
216.28	1045.063	1.6739
216.29	1045.063	1.6746
216.3	1045.063	1.6762
216.3	1045.063	1.6762
216.31	1045.063	1.6762
216.33	1045.063	1.6793
216.61	1045.063	1.684
217.05	1045.063	1.6863
217.09	1045.063	1.6886
217.44	1045.063	1.6902
217.94	1045.063	1.6987
217.95	1045.063	1.6979
217.96	1045.063	1.6995
217.97	1045.063	1.6995
217.98	1045.063	1.6995
217.98	1045.063	1.6987
218	1045.063	1.7003
218.01	1045.063	1.6995
218.02	1045.063	1.701
218.03	1045.063	1.701
218.04	1045.063	1.7003
218.05	1045.063	1.6995
218.06	1045.063	1.6979
218.2	1045.063	1.6933
218.21	1045.063	1.6948
218.21	1045.063	1.6964
218.23	1045.063	1.6964
218.25	1045.063	1.6933
218.25	1045.063	1.6917
218.26	1045.063	1.6917
218.27	1045.063	1.691
218.28	1045.063	1.6933
218.28	1045.063	1.6925
218.29	1045.063	1.6917
218.3	1045.063	1.6948
218.32	1048.36	1.6964
218.76	1048.36	1.7026
218.87	1048.36	1.7026

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
143.47	878.1785	2.3834
143.48	878.1785	2.385
143.49	878.1785	2.3866
143.51	878.1785	2.385
143.52	878.1785	2.3866
143.53	878.1785	2.3896
143.55	878.1785	2.3912
143.56	878.1785	2.3912
143.57	878.1785	2.3928
143.58	878.1785	2.3928
143.59	878.1785	2.3928
143.6	878.1785	2.3912
143.62	878.1785	2.3882
143.71	878.1785	2.3772
143.72	878.1785	2.385
143.72	878.1785	2.3834
143.73	878.1785	2.3834
143.75	878.1785	2.3772
143.76	878.1785	2.3758
143.77	878.1785	2.3742
143.77	878.1785	2.3742
143.78	878.1785	2.3742
143.79	878.1785	2.3726
143.79	878.1785	2.3772
143.8	878.1785	2.3772
143.81	878.1785	2.3758
143.82	878.1785	2.3804
143.83	878.1785	2.382
143.85	889.4565	2.3866
143.91	889.4565	2.3896
143.99	889.4565	2.3928
144.04	889.4565	2.3896
144.44	889.4565	2.3974
144.74	889.4565	2.4036
145.11	889.4565	2.4084
145.45	889.4565	2.4222
145.46	889.4565	2.4176
145.47	889.4565	2.4192
145.48	889.4565	2.4192
145.49	889.4565	2.4192
145.5	889.4565	2.4222
145.51	889.4565	2.4222
145.53	889.4565	2.4238
145.54	889.4565	2.4254
145.55	889.4565	2.427
145.57	889.4565	2.427
145.57	889.4565	2.4254
145.59	889.4565	2.4254
145.6	889.4565	2.4238
145.62	889.4565	2.4208
145.7	889.4565	2.4176
145.73	889.4565	2.4114

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
218.9	1048.36	1.7034
219.07	1048.36	1.7041
219.14	1048.36	1.7065
219.31	1048.36	1.7065
219.72	1048.36	1.7111
219.74	1048.36	1.7119
219.77	1048.36	1.7119
219.82	1048.36	1.7127
219.84	1048.36	1.7119
219.94	1048.36	1.7158
219.95	1048.36	1.715
219.96	1048.36	1.7158
219.98	1048.36	1.7158
219.98	1048.36	1.7158
220	1048.36	1.7166
220.01	1048.36	1.7166
220.02	1048.36	1.715
220.06	1048.36	1.7135
220.13	1048.36	1.7127
220.15	1048.36	1.7127
220.17	1048.36	1.7111
220.18	1048.36	1.7119
220.19	1048.36	1.7119
220.2	1048.36	1.7111
220.22	1048.36	1.7088
220.23	1048.36	1.708
220.24	1048.36	1.7073
220.25	1048.36	1.7065
220.25	1048.36	1.7088
220.26	1048.36	1.7088
220.27	1048.36	1.7104
220.28	1068.14	1.7135
220.36	1068.14	1.7158
221.1	1068.14	1.7236
221.23	1068.14	1.7212
221.53	1068.14	1.7259
221.6	1068.14	1.7251
221.94	1068.14	1.7321
221.95	1068.14	1.7321
221.96	1068.14	1.7321
221.97	1068.14	1.7321
221.98	1068.14	1.7321
221.98	1068.14	1.7329
221.99	1068.14	1.7329
222	1068.14	1.7337
222.02	1068.14	1.7337
222.03	1068.14	1.7337
222.04	1068.14	1.7329
222.05	1068.14	1.7313
222.07	1068.14	1.7305
222.19	1068.14	1.7251
222.2	1068.14	1.7259

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
145.74	889.4565	2.4098
145.74	889.4565	2.4114
145.75	889.4565	2.4084
145.75	889.4565	2.4098
145.76	889.4565	2.413
145.77	889.4565	2.4098
145.78	889.4565	2.4084
145.78	889.4565	2.4084
145.79	889.4565	2.4068
145.8	889.4565	2.4068
145.8	889.4565	2.413
145.81	889.4565	2.4114
145.83	889.4565	2.4192
145.99	889.4565	2.4222
146.07	889.4565	2.427
146.17	889.4565	2.4254
147.46	889.4565	2.4502
147.47	889.4565	2.4534
147.49	889.4565	2.455
147.5	889.4565	2.4518
147.51	889.4565	2.4502
147.53	889.4565	2.4564
147.54	889.4565	2.4564
147.55	889.4565	2.458
147.56	889.4565	2.458
147.58	889.4565	2.4564
147.59	889.4565	2.458
147.6	889.4565	2.458
147.61	889.4565	2.458
147.62	889.4565	2.4564
147.64	889.4565	2.4534
147.71	889.4565	2.4518
147.73	889.4565	2.444
147.74	889.4565	2.444
147.74	889.4565	2.4424
147.74	889.4565	2.4424
147.75	889.4565	2.4424
147.76	889.4565	2.4424
147.77	889.4565	2.444
147.77	889.4565	2.441
147.78	889.4565	2.4394
147.79	889.4565	2.444
147.79	889.4565	2.4424
147.8	889.4565	2.444
147.81	889.4565	2.4456
147.82	889.4565	2.4486
147.85	902.2382	2.455
147.91	902.2382	2.4564
147.99	902.2382	2.4564
148.11	902.2382	2.4596
148.16	902.2382	2.458
148.48	902.2382	2.4642

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
222.21	1068.14	1.729
222.21	1068.14	1.729
222.23	1068.14	1.729
222.24	1068.14	1.7251
222.25	1068.14	1.7243
222.26	1068.14	1.7259
222.27	1068.14	1.7236
222.27	1068.14	1.7251
222.28	1068.14	1.7267
222.29	1068.14	1.7267
222.3	1068.14	1.7298
223.42	1068.14	1.7414
223.52	1068.14	1.7406
223.94	1068.14	1.7484
223.94	1068.14	1.7484
223.95	1068.14	1.7492
223.96	1068.14	1.7492
223.97	1068.14	1.7484
223.98	1068.14	1.75
223.98	1068.14	1.7507
223.99	1068.14	1.75
224	1068.14	1.7507
224.01	1068.14	1.7515
224.02	1068.14	1.7507
224.03	1068.14	1.75
224.05	1068.14	1.7484
224.08	1068.14	1.7468
224.17	1068.14	1.7468
224.19	1068.14	1.7414
224.2	1068.14	1.7422
224.2	1068.14	1.7453
224.21	1068.14	1.7453
224.23	1068.14	1.7453
224.24	1068.14	1.7406
224.25	1068.14	1.7422
224.26	1068.14	1.7437
224.27	1068.14	1.7414
224.27	1068.14	1.7414
224.28	1068.14	1.743
224.29	1068.14	1.7453
224.3	1068.14	1.7461
224.4	1068.14	1.75
224.53	1068.14	1.7492
224.62	1068.14	1.7515
224.66	1068.14	1.7515
224.77	1068.14	1.7515
224.87	1068.14	1.7523
224.98	1068.14	1.7546
225.02	1068.14	1.7554
225.18	1068.14	1.7538
225.22	1068.14	1.7546
225.94	1068.14	1.7647

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
148.78	902.2382	2.4674
149.45	902.2382	2.4844
149.46	902.2382	2.486
149.47	902.2382	2.4876
149.48	902.2382	2.4876
149.5	902.2382	2.486
149.51	902.2382	2.4906
149.52	902.2382	2.4876
149.54	902.2382	2.4906
149.55	902.2382	2.4906
149.56	902.2382	2.4922
149.57	902.2382	2.4922
149.58	902.2382	2.4922
149.59	902.2382	2.4922
149.61	902.2382	2.4906
149.62	902.2382	2.4876
149.71	902.2382	2.4798
149.71	902.2382	2.486
149.72	902.2382	2.4844
149.74	902.2382	2.4766
149.75	902.2382	2.475
149.76	902.2382	2.4766
149.76	902.2382	2.4782
149.77	902.2382	2.475
149.78	902.2382	2.4766
149.79	902.2382	2.4766
149.79	902.2382	2.475
149.8	902.2382	2.475
149.81	902.2382	2.4782
149.82	902.2382	2.4814
149.83	902.2382	2.4814
149.86	915.0199	2.4906
149.95	915.0199	2.4906
149.99	915.0199	2.4906
151.44	915.0199	2.5186
151.45	915.0199	2.5186
151.46	915.0199	2.5202
151.47	915.0199	2.5186
151.49	915.0199	2.5248
151.5	915.0199	2.5216
151.5	915.0199	2.5202
151.52	915.0199	2.5216
151.54	915.0199	2.5232
151.55	915.0199	2.5264
151.56	915.0199	2.5248
151.57	915.0199	2.5264
151.58	915.0199	2.5264
151.59	915.0199	2.5232
151.61	915.0199	2.5186
151.7	915.0199	2.5124
151.71	915.0199	2.5092
151.71	915.0199	2.517

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
225.95	1068.14	1.7655
225.96	1068.14	1.7655
225.97	1068.14	1.7655
225.98	1068.14	1.7655
225.98	1068.14	1.7663
225.99	1068.14	1.7663
226.01	1068.14	1.7663
226.02	1068.14	1.767
226.03	1068.14	1.767
226.04	1068.14	1.767
226.05	1068.14	1.7663
226.07	1068.14	1.7647
226.2	1068.14	1.7616
226.21	1068.14	1.7632
226.22	1068.14	1.7624
226.24	1068.14	1.7608
226.25	1068.14	1.7585
226.26	1068.14	1.7585
226.27	1068.14	1.7585
226.27	1068.14	1.7577
226.28	1068.14	1.76
226.29	1068.14	1.7593
226.3	1068.14	1.7593
226.31	1068.14	1.7608
226.32	1070.966	1.7639
226.77	1070.966	1.7709
226.81	1070.966	1.7701
226.9	1070.966	1.7694
227.01	1070.966	1.7694
227.36	1070.966	1.7732
227.53	1070.966	1.7748
227.94	1070.966	1.7818
227.94	1070.966	1.7818
227.95	1070.966	1.7826
227.96	1070.966	1.7818
227.97	1070.966	1.7826
227.97	1070.966	1.7833
227.98	1070.966	1.7833
227.99	1070.966	1.7826
228	1070.966	1.7833
228.01	1070.966	1.7841
228.02	1070.966	1.7826
228.04	1070.966	1.7833
228.05	1070.966	1.7818
228.12	1070.966	1.7802
228.17	1070.966	1.7795
228.2	1070.966	1.7764
228.21	1070.966	1.7795
228.21	1070.966	1.7802
228.23	1070.966	1.7779
228.24	1070.966	1.7771
228.25	1070.966	1.7748

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
151.72	915.0199	2.5154
151.73	915.0199	2.517
151.74	915.0199	2.5108
151.75	915.0199	2.5076
151.76	915.0199	2.5108
151.77	915.0199	2.5092
151.77	915.0199	2.5076
151.78	915.0199	2.5062
151.79	915.0199	2.5092
151.79	915.0199	2.5108
151.8	915.0199	2.5108
151.81	915.0199	2.514
151.81	916.1477	2.5202
151.83	916.1477	2.5232
151.85	916.1477	2.5232
151.87	916.1477	2.5248
151.9	916.1477	2.5278
151.92	916.1477	2.5232
151.94	916.1477	2.5264
151.96	916.1477	2.5264
151.99	916.1477	2.5264
152.02	916.1477	2.5278
152.21	916.1477	2.5264
152.23	916.1477	2.5216
152.25	916.1477	2.5264
152.26	916.1477	2.5264
152.27	916.1477	2.5248
152.29	916.1477	2.5232
152.31	916.1477	2.5232
152.33	916.1477	2.5264
152.36	924.7941	2.5278
152.56	924.7941	2.534
153.44	924.7941	2.5528
153.46	924.7941	2.5542
153.47	924.7941	2.5542
153.47	924.7941	2.5528
153.48	924.7941	2.5528
153.49	924.7941	2.5558
153.51	924.7941	2.5574
153.53	924.7941	2.5574
153.54	924.7941	2.5574
153.55	924.7941	2.5574
153.56	924.7941	2.5558
153.57	924.7941	2.5574
153.59	924.7941	2.5574
153.6	924.7941	2.5558
153.62	924.7941	2.5512
153.7	924.7941	2.5496
153.7	924.7941	2.5512
153.71	924.7941	2.5496
153.73	924.7941	2.5434
153.74	924.7941	2.5434

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
228.26	1070.966	1.7748
228.27	1070.966	1.7748
228.28	1070.966	1.7771
228.28	1070.966	1.7771
228.29	1070.966	1.7748
228.3	1070.966	1.7779
228.31	1085.566	1.7795
229.71	1085.566	1.795
229.82	1086.979	1.7958
229.94	1086.979	1.7989
229.94	1086.979	1.7989
229.95	1086.979	1.7981
229.96	1086.979	1.7981
229.96	1086.979	1.7981
229.96	1086.979	1.7989
229.97	1086.979	1.7996
229.97	1086.979	1.8004
229.98	1086.979	1.8004
229.99	1086.979	1.8012
230	1086.979	1.8012
230.01	1086.979	1.8004
230.02	1086.979	1.7989
230.04	1086.979	1.7965
230.14	1086.979	1.7958
230.17	1086.979	1.7965
230.19	1086.979	1.7934
230.2	1086.979	1.795
230.2	1086.979	1.795
230.22	1086.979	1.7919
230.24	1086.979	1.7919
230.24	1086.979	1.7911
230.25	1086.979	1.7927
230.26	1086.979	1.7919
230.27	1086.979	1.7911
230.27	1086.979	1.7927
230.28	1086.979	1.7958
230.3	1094.043	1.7981
230.56	1094.043	1.8004
231.4	1094.043	1.8074
231.52	1094.043	1.8074
231.67	1094.043	1.809
231.93	1094.043	1.8152
231.94	1094.043	1.8159
231.95	1094.043	1.8152
231.95	1094.043	1.8159
231.96	1094.043	1.8159
231.97	1094.043	1.8167
231.98	1094.043	1.8167
231.98	1094.043	1.8167
231.99	1094.043	1.8175
232	1094.043	1.8167
232.01	1094.043	1.8175

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
153.75	924.7941	2.545
153.75	924.7941	2.5418
153.76	924.7941	2.5418
153.77	924.7941	2.5418
153.78	924.7941	2.5418
153.78	924.7941	2.5418
153.79	924.7941	2.5434
153.8	924.7941	2.5434
153.81	924.7941	2.545
153.81	924.7941	2.548
153.85	927.8016	2.5542
153.99	927.8016	2.559
154.8	927.8016	2.5682
154.85	927.8016	2.5698
154.96	927.8016	2.573
155.01	927.8016	2.5744
155.16	927.8016	2.5792
155.21	927.8016	2.5776
155.44	927.8016	2.5868
155.46	927.8016	2.5838
155.48	927.8016	2.5838
155.5	927.8016	2.5854
155.52	927.8016	2.5884
155.53	927.8016	2.59
155.54	927.8016	2.5868
155.55	927.8016	2.5916
155.56	927.8016	2.5916
155.57	927.8016	2.59
155.59	927.8016	2.5916
155.6	927.8016	2.5916
155.61	927.8016	2.5916
155.62	927.8016	2.59
155.64	927.8016	2.5884
155.71	927.8016	2.5776
155.73	927.8016	2.576
155.73	927.8016	2.5776
155.73	927.8016	2.5776
155.74	927.8016	2.576
155.75	927.8016	2.5776
155.75	927.8016	2.5744
155.76	927.8016	2.5744
155.77	927.8016	2.5776
155.78	927.8016	2.5744
155.78	927.8016	2.576
155.79	927.8016	2.576
155.8	927.8016	2.5776
155.8	927.8016	2.5792
155.81	927.8016	2.5792
155.82	934.9443	2.5868
155.96	934.9443	2.5932
155.99	934.9443	2.59
156.13	934.9443	2.5932

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
232.02	1094.043	1.8167
232.04	1094.043	1.8159
232.05	1094.043	1.8144
232.17	1094.043	1.8128
232.18	1094.043	1.8113
232.19	1094.043	1.8105
232.2	1094.043	1.8113
232.22	1094.043	1.8113
232.23	1094.043	1.8074
232.24	1094.043	1.8074
232.25	1094.043	1.8082
232.26	1094.043	1.8097
232.26	1094.043	1.8074
232.27	1094.043	1.8097
232.28	1094.043	1.8121
232.29	1094.043	1.8128
232.32	1111.94	1.8144
232.51	1111.94	1.8183
233.93	1111.94	1.8315
233.94	1111.94	1.8323
233.95	1111.94	1.8323
233.95	1111.94	1.8323
233.96	1111.94	1.8323
233.97	1111.94	1.8323
233.98	1111.94	1.833
233.99	1111.94	1.8338
234	1111.94	1.8338
234.01	1111.94	1.833
234.02	1111.94	1.833
234.04	1111.94	1.833
234.05	1111.94	1.8315
234.19	1111.94	1.8268
234.19	1111.94	1.8299
234.2	1111.94	1.8291
234.22	1111.94	1.8276
234.23	1111.94	1.826
234.24	1111.94	1.8253
234.25	1111.94	1.8276
234.26	1111.94	1.826
234.27	1111.94	1.826
234.27	1111.94	1.826
234.28	1111.94	1.8268
234.29	1111.94	1.826
234.3	1111.94	1.8299
234.32	1117.12	1.8315
234.59	1117.12	1.8346
235.93	1117.12	1.8486
235.94	1117.12	1.8493
235.95	1117.12	1.8493
235.95	1117.12	1.8493
235.96	1117.12	1.8493
235.97	1117.12	1.8501

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
157.16	934.9443	2.6118
157.35	934.9443	2.6118
157.44	934.9443	2.618
157.46	934.9443	2.6194
157.47	934.9443	2.6226
157.48	934.9443	2.618
157.49	934.9443	2.618
157.5	934.9443	2.6194
157.51	934.9443	2.621
157.53	934.9443	2.6226
157.54	934.9443	2.6242
157.55	934.9443	2.6242
157.56	934.9443	2.6242
157.57	934.9443	2.6242
157.58	934.9443	2.6242
157.59	934.9443	2.6242
157.6	934.9443	2.6226
157.63	934.9443	2.618
157.69	934.9443	2.6118
157.7	934.9443	2.6148
157.7	934.9443	2.618
157.71	934.9443	2.6148
157.73	934.9443	2.6118
157.74	934.9443	2.6102
157.74	934.9443	2.6086
157.75	934.9443	2.607
157.76	934.9443	2.6086
157.76	934.9443	2.6086
157.77	934.9443	2.607
157.78	934.9443	2.607
157.79	934.9443	2.6086
157.79	934.9443	2.6118
157.8	934.9443	2.6118
157.81	934.9443	2.6164
157.83	946.2223	2.621
157.99	946.2223	2.6258
158.1	946.2223	2.6258
158.61	946.2223	2.635
158.7	946.2223	2.6382
158.83	946.2223	2.6382
159.14	946.2223	2.6444
159.45	946.2223	2.6568
159.45	946.2223	2.6522
159.46	946.2223	2.6536
159.47	946.2223	2.6552
159.48	946.2223	2.6536
159.49	946.2223	2.6552
159.5	946.2223	2.6568
159.51	946.2223	2.6536
159.53	946.2223	2.6584
159.54	946.2223	2.6598
159.55	946.2223	2.6584

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
235.98	1117.12	1.8501
235.98	1117.12	1.8509
235.99	1117.12	1.8501
236	1117.12	1.8517
236.01	1117.12	1.8509
236.02	1117.12	1.8509
236.03	1117.12	1.8493
236.05	1117.12	1.8478
236.18	1117.12	1.8447
236.19	1117.12	1.8431
236.19	1117.12	1.8454
236.2	1117.12	1.8454
236.22	1117.12	1.8439
236.23	1117.12	1.8423
236.24	1117.12	1.8423
236.25	1117.12	1.8416
236.26	1117.12	1.8408
236.26	1117.12	1.8416
236.27	1117.12	1.8423
236.28	1117.12	1.8439
236.29	1117.12	1.8454
236.31	1118.533	1.8462
236.53	1118.533	1.8517
237.45	1118.533	1.8579
237.53	1118.533	1.8594
237.61	1118.533	1.8586
237.83	1118.533	1.861
237.93	1118.533	1.8649
237.94	1118.533	1.8656
237.95	1118.533	1.8649
237.96	1118.533	1.8649
237.96	1118.533	1.8656
237.98	1118.533	1.8656
237.98	1118.533	1.8656
237.99	1118.533	1.8664
238	1118.533	1.8664
238.01	1118.533	1.8672
238.03	1118.533	1.8664
238.04	1118.533	1.8656
238.06	1118.533	1.8649
238.09	1118.533	1.8633
238.15	1118.533	1.8618
238.18	1118.533	1.8625
238.19	1118.533	1.8625
238.2	1118.533	1.8586
238.21	1118.533	1.8594
238.22	1118.533	1.8586
238.23	1118.533	1.8602
238.24	1118.533	1.8586
238.25	1118.533	1.8586
238.26	1118.533	1.8579
238.26	1118.533	1.8579

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
159.56	946.2223	2.6598
159.57	946.2223	2.6568
159.59	946.2223	2.6552
159.61	946.2223	2.6536
159.7	946.2223	2.6506
159.72	946.2223	2.6444
159.73	946.2223	2.6444
159.73	946.2223	2.6444
159.74	946.2223	2.6444
159.74	946.2223	2.6428
159.75	946.2223	2.6412
159.76	946.2223	2.6412
159.76	946.2223	2.6412
159.77	946.2223	2.6412
159.78	946.2223	2.6396
159.78	946.2223	2.6428
159.79	946.2223	2.6412
159.8	946.2223	2.6444
159.81	946.2223	2.649
159.82	946.2223	2.6506
159.99	946.2223	2.6584
160.21	946.2223	2.6614
160.24	946.2223	2.6614
160.35	946.2223	2.6598
160.4	946.2223	2.663
161.45	946.2223	2.6848
161.47	946.2223	2.6894
161.48	946.2223	2.6862
161.49	946.2223	2.6848
161.51	946.2223	2.6862
161.52	946.2223	2.6878
161.54	946.2223	2.6878
161.55	946.2223	2.6894
161.57	946.2223	2.691
161.58	946.2223	2.691
161.59	946.2223	2.691
161.61	946.2223	2.691
161.62	946.2223	2.691
161.63	946.2223	2.6894
161.65	946.2223	2.6878
161.71	946.2223	2.677
161.72	946.2223	2.677
161.73	946.2223	2.6786
161.73	946.2223	2.6754
161.74	946.2223	2.6754
161.75	946.2223	2.677
161.75	946.2223	2.6738
161.76	946.2223	2.6754
161.77	946.2223	2.6754
161.77	946.2223	2.6754
161.78	946.2223	2.677
161.79	946.2223	2.6738

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
238.27	1118.533	1.8594
238.28	1118.533	1.8594
238.29	1118.533	1.861
238.77	1118.533	1.8703
238.92	1118.533	1.8687
239.93	1118.533	1.8812
239.93	1118.533	1.8812
239.94	1118.533	1.8812
239.95	1118.533	1.8819
239.96	1118.533	1.8819
239.97	1118.533	1.8819
239.98	1118.533	1.8827
240	1118.533	1.8827
240.01	1118.533	1.8819
240.02	1118.533	1.8827
240.04	1118.533	1.8827
240.05	1118.533	1.8827
240.07	1118.533	1.8812
240.21	1118.533	1.8773
240.22	1118.533	1.8765
240.23	1118.533	1.8773
240.24	1118.533	1.8773
240.25	1118.533	1.8773
240.26	1118.533	1.8765
240.26	1118.533	1.8757
240.27	1118.533	1.875
240.28	1118.533	1.8757
240.29	1118.533	1.8757
240.3	1118.533	1.8757
240.3	1118.533	1.8773
240.31	1118.533	1.8788
241.92	1118.533	1.8982
241.93	1118.533	1.8982
241.94	1118.533	1.899
241.95	1118.533	1.8998
241.95	1118.533	1.899
241.96	1118.533	1.899
241.97	1118.533	1.8998
241.98	1118.533	1.9006
241.99	1118.533	1.8998
242	1118.533	1.9021
242.01	1118.533	1.9006
242.02	1118.533	1.8998
242.03	1118.533	1.899
242.06	1118.533	1.8967
242.18	1118.533	1.8959
242.19	1118.533	1.8951
242.2	1118.533	1.8944
242.21	1118.533	1.8928
242.22	1118.533	1.892
242.23	1118.533	1.892
242.24	1118.533	1.8913

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
161.79	946.2223	2.6754
161.8	946.2223	2.68
161.82	946.2223	2.6832
161.86	957.5003	2.6862
161.99	957.5003	2.691
162.4	957.5003	2.7018
162.67	957.5003	2.7018
163.42	957.5003	2.7188
163.43	957.5003	2.7236
163.44	957.5003	2.7236
163.45	957.5003	2.7236
163.45	957.5003	2.722
163.46	957.5003	2.722
163.47	957.5003	2.7204
163.48	957.5003	2.7204
163.5	957.5003	2.722
163.51	957.5003	2.725
163.52	957.5003	2.7266
163.53	957.5003	2.7282
163.54	957.5003	2.7266
163.55	957.5003	2.725
163.56	957.5003	2.7236
163.58	957.5003	2.7174
163.67	957.5003	2.7158
163.69	957.5003	2.7174
163.7	957.5003	2.7158
163.71	957.5003	2.7112
163.72	957.5003	2.7112
163.73	957.5003	2.708
163.73	957.5003	2.708
163.74	957.5003	2.708
163.75	957.5003	2.708
163.75	957.5003	2.708
163.76	957.5003	2.7048
163.77	957.5003	2.7112
163.77	957.5003	2.708
163.78	957.5003	2.7112
163.79	957.5003	2.7142
163.8	957.5003	2.7158
163.82	970.282	2.7188
163.95	970.282	2.7236
163.99	970.282	2.7236
164.76	970.282	2.736
164.84	970.282	2.739
165.44	970.282	2.753
165.44	970.282	2.753
165.45	970.282	2.7514
165.47	970.282	2.753
165.48	970.282	2.7562
165.49	970.282	2.7562
165.5	970.282	2.7546
165.51	970.282	2.753

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
242.24	1118.533	1.8913
242.25	1118.533	1.8905
242.26	1118.533	1.892
242.26	1118.533	1.8936
242.27	1118.533	1.8928
242.28	1118.533	1.8928
242.3	1127.01	1.8975
242.51	1127.01	1.8998
242.85	1127.01	1.9029
243.17	1127.01	1.9068
243.35	1127.01	1.9068
243.39	1127.01	1.9083
243.51	1127.01	1.9083
243.59	1127.01	1.9091
243.71	1127.01	1.9091
243.81	1127.01	1.9122
243.83	1127.01	1.9122
243.86	1127.01	1.9122
243.91	1127.01	1.9153
243.92	1127.01	1.9153
243.93	1127.01	1.9153
243.94	1127.01	1.9161
243.95	1127.01	1.9161
243.96	1127.01	1.9161
243.98	1127.01	1.9161
243.98	1127.01	1.9161
243.99	1127.01	1.9161
244	1127.01	1.9153
244.02	1127.01	1.9138
244.16	1127.01	1.9114
244.18	1127.01	1.9114
244.19	1127.01	1.9114
244.2	1127.01	1.9091
244.21	1127.01	1.9091
244.22	1127.01	1.9083
244.23	1127.01	1.9083
244.24	1127.01	1.9076
244.25	1127.01	1.9083
244.25	1127.01	1.9076
244.26	1127.01	1.9091
244.27	1127.01	1.9091
244.28	1127.01	1.9114
244.3	1148.675	1.9138
244.38	1148.675	1.9161
244.55	1148.675	1.9177
244.75	1148.675	1.9184
244.87	1148.675	1.9192
244.95	1148.675	1.92
245.92	1148.675	1.9316
245.93	1148.675	1.9316
245.94	1148.675	1.9324
245.95	1148.675	1.9316

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
165.52	970.282	2.7592
165.53	970.282	2.7608
165.54	970.282	2.7592
165.55	970.282	2.7576
165.56	970.282	2.7592
165.57	970.282	2.7562
165.58	970.282	2.753
165.7	970.282	2.7514
165.71	970.282	2.7452
165.72	970.282	2.7438
165.72	970.282	2.7438
165.73	970.282	2.7438
165.74	970.282	2.7422
165.74	970.282	2.7422
165.75	970.282	2.7422
165.76	970.282	2.7406
165.76	970.282	2.7406
165.77	970.282	2.7406
165.78	970.282	2.7422
165.78	970.282	2.7438
165.79	970.282	2.7468
165.8	970.282	2.7484
165.81	970.282	2.75
165.99	970.282	2.7546
166.11	970.282	2.7576
166.21	970.282	2.7576
167.43	970.282	2.784
167.44	970.282	2.7856
167.45	970.282	2.7856
167.46	970.282	2.784
167.48	970.282	2.7904
167.49	970.282	2.7888
167.5	970.282	2.7856
167.52	970.282	2.7918
167.53	970.282	2.7918
167.54	970.282	2.7918
167.55	970.282	2.7918
167.56	970.282	2.7918
167.57	970.282	2.7904
167.58	970.282	2.7904
167.6	970.282	2.784
167.68	970.282	2.7778
167.69	970.282	2.784
167.7	970.282	2.784
167.71	970.282	2.7826
167.73	970.282	2.7778
167.73	970.282	2.7778
167.74	970.282	2.7778
167.75	970.282	2.7732
167.76	970.282	2.7732
167.76	970.282	2.7748
167.77	970.282	2.7748

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
245.95	1148.675	1.9324
245.96	1148.675	1.9324
245.97	1148.675	1.9332
245.98	1148.675	1.9332
245.99	1148.675	1.9332
246	1148.675	1.934
246.01	1148.675	1.9332
246.02	1148.675	1.9332
246.03	1148.675	1.9324
246.06	1148.675	1.9301
246.16	1148.675	1.9293
246.18	1148.675	1.9301
246.2	1148.675	1.927
246.21	1148.675	1.927
246.22	1148.675	1.9277
246.23	1148.675	1.9254
246.24	1148.675	1.9246
246.24	1148.675	1.9246
246.25	1148.675	1.9246
246.26	1148.675	1.9254
246.27	1148.675	1.927
246.27	1148.675	1.9254
246.28	1148.675	1.927
246.29	1148.675	1.9293
246.6	1148.675	1.9355
246.84	1148.675	1.9355
247.71	1148.675	1.944
247.88	1148.675	1.9448
247.92	1148.675	1.9487
247.93	1148.675	1.9487
247.94	1148.675	1.9479
247.94	1148.675	1.9487
247.95	1148.675	1.9495
247.96	1148.675	1.9495
247.97	1148.675	1.9495
247.98	1148.675	1.9503
247.99	1148.675	1.951
248	1148.675	1.9518
248.01	1148.675	1.9503
248.02	1148.675	1.9487
248.04	1148.675	1.9479
248.06	1148.675	1.9464
248.16	1148.675	1.9464
248.19	1148.675	1.9456
248.21	1148.675	1.9433
248.21	1148.675	1.9425
248.22	1148.675	1.9417
248.23	1148.675	1.9433
248.24	1148.675	1.9425
248.24	1148.675	1.9409
248.25	1148.675	1.9409
248.26	1148.675	1.9417

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.78	970.282	2.7732
167.78	970.282	2.7764
167.79	970.282	2.7778
167.8	970.282	2.784
167.81	974.0413	2.7826
167.99	974.0413	2.7904
168.13	974.0413	2.7934
168.52	974.0413	2.798
169.43	974.0413	2.8198
169.44	974.0413	2.8182
169.45	974.0413	2.8166
169.47	974.0413	2.8198
169.48	974.0413	2.8214
169.49	974.0413	2.8214
169.5	974.0413	2.8214
169.51	974.0413	2.823
169.52	974.0413	2.826
169.53	974.0413	2.823
169.54	974.0413	2.826
169.55	974.0413	2.826
169.56	974.0413	2.8244
169.57	974.0413	2.8244
169.58	974.0413	2.823
169.6	974.0413	2.8182
169.68	974.0413	2.8166
169.69	974.0413	2.8152
169.71	974.0413	2.8104
169.72	974.0413	2.809
169.72	974.0413	2.809
169.73	974.0413	2.809
169.73	974.0413	2.8058
169.74	974.0413	2.8058
169.75	974.0413	2.809
169.75	974.0413	2.8074
169.76	974.0413	2.809
169.77	974.0413	2.8074
169.77	974.0413	2.809
169.78	974.0413	2.8104
169.79	974.0413	2.8152
169.8	974.0413	2.8182
169.99	981.184	2.8244
170.37	981.184	2.8292
171.06	981.184	2.84
171.43	981.184	2.8508
171.44	981.184	2.8556
171.45	981.184	2.854
171.46	981.184	2.8556
171.47	981.184	2.8524
171.48	981.184	2.857
171.49	981.184	2.854
171.5	981.184	2.854
171.52	981.184	2.857

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
248.27	1148.675	1.9425
248.27	1148.675	1.9417
248.28	1148.675	1.944
248.29	1148.675	1.9448
248.65	1148.675	1.951
248.84	1148.675	1.9541
248.9	1148.675	1.9549
248.96	1148.675	1.9557
249.04	1148.675	1.9534
249.07	1148.675	1.9534
249.1	1148.675	1.9541
249.29	1148.675	1.9565
249.43	1148.675	1.9557
249.92	1148.675	1.965
249.93	1148.675	1.965
249.94	1148.675	1.965
249.95	1148.675	1.9658
249.96	1148.675	1.9658
249.97	1148.675	1.9658
249.98	1148.675	1.9658
249.99	1148.675	1.9666
250.01	1148.675	1.9666
250.02	1148.675	1.9666
250.03	1148.675	1.9658
250.05	1148.675	1.9658
250.08	1148.675	1.9635
250.16	1148.675	1.9635
250.18	1148.675	1.9588
250.18	1148.675	1.9627
250.19	1148.675	1.9627
250.21	1148.675	1.9627
250.22	1148.675	1.9596
250.23	1148.675	1.9572
250.24	1148.675	1.958
250.25	1148.675	1.958
250.25	1148.675	1.9588
250.26	1148.675	1.9588
250.27	1148.675	1.9604
250.28	1148.675	1.9604
250.29	1148.675	1.9619
250.94	1148.675	1.9697
251.15	1148.675	1.9728
251.22	1148.675	1.972
251.28	1148.675	1.972
251.34	1148.675	1.9743
251.49	1148.675	1.9751
251.78	1148.675	1.9782
251.82	1148.675	1.9782
251.92	1148.675	1.9805
251.93	1148.675	1.9813
251.94	1148.675	1.9813
251.95	1148.675	1.9821

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
171.53	981.184	2.857
171.54	981.184	2.857
171.55	981.184	2.8586
171.56	981.184	2.857
171.57	981.184	2.8556
171.58	981.184	2.8556
171.6	981.184	2.8524
171.68	981.184	2.8446
171.69	981.184	2.8446
171.7	981.184	2.8508
171.7	981.184	2.8494
171.72	981.184	2.8446
171.73	981.184	2.843
171.73	981.184	2.8446
171.74	981.184	2.8416
171.75	981.184	2.8416
171.76	981.184	2.8416
171.76	981.184	2.84
171.77	981.184	2.843
171.78	981.184	2.843
171.78	981.184	2.843
171.79	981.184	2.8478
171.81	983.8155	2.8524
171.99	983.8155	2.8602
172.39	983.8155	2.8664
172.52	983.8155	2.8648
172.83	983.8155	2.8742
172.95	983.8155	2.868
173.43	983.8155	2.885
173.44	983.8155	2.885
173.46	983.8155	2.885
173.47	983.8155	2.8882
173.48	983.8155	2.8866
173.49	983.8155	2.8912
173.5	983.8155	2.8882
173.51	983.8155	2.8882
173.53	983.8155	2.8912
173.54	983.8155	2.8912
173.55	983.8155	2.8928
173.56	983.8155	2.8912
173.57	983.8155	2.8912
173.58	983.8155	2.8912
173.59	983.8155	2.8882
173.61	983.8155	2.885
173.69	983.8155	2.8788
173.69	983.8155	2.8804
173.7	983.8155	2.882
173.71	983.8155	2.8834
173.72	983.8155	2.8758
173.73	983.8155	2.8758
173.74	983.8155	2.8758
173.74	983.8155	2.8758

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
251.96	1148.675	1.9821
251.98	1148.675	1.9829
251.99	1148.675	1.9829
252	1148.675	1.9829
252.02	1148.675	1.9829
252.03	1148.675	1.9821
252.05	1148.675	1.9805
252.18	1148.675	1.9767
252.18	1148.675	1.9798
252.19	1148.675	1.979
252.21	1148.675	1.9774
252.23	1148.675	1.9759
252.23	1148.675	1.9751
252.24	1148.675	1.9751
252.25	1148.675	1.9759
252.26	1148.675	1.9751
252.27	1148.675	1.9743
252.27	1148.675	1.9759
252.28	1148.675	1.9782
252.3	1148.675	1.9813
253.06	1148.675	1.9891
253.22	1148.675	1.9891
253.92	1148.675	1.9984
253.93	1148.675	1.9984
253.94	1148.675	1.9984
253.94	1148.675	1.9992
253.95	1148.675	1.9999
253.96	1148.675	1.9992
253.97	1148.675	1.9999
253.98	1148.675	1.9999
253.99	1148.675	1.9999
254	1148.675	1.9999
254.01	1148.675	2.0007
254.02	1148.675	1.9999
254.03	1148.675	1.9992
254.05	1148.675	1.9968
254.17	1148.675	1.9922
254.18	1148.675	1.9953
254.19	1148.675	1.9961
254.19	1148.675	1.9945
254.21	1148.675	1.9922
254.23	1148.675	1.9914
254.23	1148.675	1.9914
254.24	1148.675	1.9906
254.25	1148.675	1.9937
254.26	1148.675	1.9906
254.26	1148.675	1.993
254.27	1148.675	1.9922
254.28	1148.675	1.9953
254.29	1148.675	1.9968
255.34	1148.675	2.0069
255.46	1148.675	2.0077

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
173.75	983.8155	2.8742
173.76	983.8155	2.8742
173.77	983.8155	2.8758
173.77	983.8155	2.8742
173.78	983.8155	2.8788
173.8	983.8155	2.8772
173.81	983.8155	2.8788
173.82	985.3193	2.8834
173.83	1005.244	2.885
173.99	1005.244	2.8912
174.08	1005.244	2.8928
174.8	1005.244	2.9052
175.04	1005.244	2.9114
175.43	1005.244	2.9208
175.45	1005.244	2.9208
175.46	1005.244	2.9208
175.48	1005.244	2.9192
175.49	1005.244	2.9208
175.51	1005.244	2.9222
175.52	1005.244	2.9222
175.54	1005.244	2.9238
175.55	1005.244	2.9222
175.56	1005.244	2.9254
175.57	1005.244	2.927
175.58	1005.244	2.9254
175.59	1005.244	2.9238
175.61	1005.244	2.9222
175.64	1005.244	2.9176
175.68	1005.244	2.913
175.69	1005.244	2.9192
175.7	1005.244	2.9176
175.72	1005.244	2.9084
175.72	1005.244	2.9114
175.73	1005.244	2.9098
175.74	1005.244	2.9098
175.75	1005.244	2.9084
175.75	1005.244	2.9084
175.76	1005.244	2.9084
175.77	1005.244	2.9098
175.77	1005.244	2.9098
175.78	1005.244	2.9068
175.79	1005.244	2.9084
175.79	1005.244	2.916
175.81	1005.244	2.916
175.83	1013.89	2.9192
175.99	1013.89	2.9222
176.02	1013.89	2.927
176.83	1013.89	2.941
177.41	1013.89	2.9502
177.43	1013.89	2.9518
177.45	1013.89	2.9518
177.46	1013.89	2.9502

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
255.91	1148.675	2.0147
255.92	1148.675	2.0155
255.93	1148.675	2.0155
255.93	1148.675	2.0155
255.94	1148.675	2.0155
255.96	1148.675	2.0163
255.97	1148.675	2.0163
255.98	1148.675	2.017
255.99	1148.675	2.017
256	1148.675	2.0178
256.01	1148.675	2.0178
256.02	1148.675	2.017
256.03	1148.675	2.0163
256.05	1148.675	2.0147
256.17	1148.675	2.0108
256.18	1148.675	2.0124
256.19	1148.675	2.0124
256.2	1148.675	2.0085
256.21	1148.675	2.0093
256.22	1148.675	2.0093
256.23	1148.675	2.0077
256.24	1148.675	2.0085
256.25	1148.675	2.0077
256.25	1148.675	2.0077
256.26	1148.675	2.0093
256.27	1148.675	2.01
256.28	1148.675	2.01
256.29	1156.21	2.0131
256.39	1156.21	2.017
257.54	1156.21	2.024
257.84	1156.21	2.0279
257.91	1156.21	2.0318
257.92	1156.21	2.0318
257.92	1156.21	2.0326
257.93	1156.21	2.031
257.94	1156.21	2.0326
257.95	1156.21	2.0326
257.96	1156.21	2.0326
257.97	1156.21	2.0333
257.98	1156.21	2.0341
257.99	1156.21	2.0349
258	1156.21	2.0333
258.01	1156.21	2.0318
258.03	1156.21	2.031
258.15	1156.21	2.0295
258.16	1156.21	2.0248
258.17	1156.21	2.0287
258.18	1156.21	2.0287
258.19	1156.21	2.0287
258.21	1156.21	2.0256
258.21	1156.21	2.0248
258.22	1156.21	2.0248

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
177.48	1013.89	2.9502
177.5	1013.89	2.9548
177.52	1013.89	2.9548
177.52	1013.89	2.9564
177.54	1013.89	2.9564
177.55	1013.89	2.9564
177.57	1013.89	2.9564
177.58	1013.89	2.9564
177.6	1013.89	2.9564
177.61	1013.89	2.9564
177.62	1013.89	2.9548
177.66	1013.89	2.9518
177.68	1013.89	2.9486
177.68	1013.89	2.9518
177.69	1013.89	2.9502
177.72	1013.89	2.9456
177.72	1013.89	2.9424
177.73	1013.89	2.9424
177.74	1013.89	2.9424
177.75	1013.89	2.944
177.75	1013.89	2.9424
177.76	1013.89	2.944
177.77	1013.89	2.944
177.78	1013.89	2.941
177.78	1013.89	2.941
177.79	1013.89	2.944
177.8	1013.89	2.9486
177.81	1013.89	2.9486
177.99	1013.89	2.958
179.42	1013.89	2.9844
179.44	1013.89	2.9844
179.45	1013.89	2.986
179.47	1013.89	2.986
179.48	1013.89	2.9844
179.49	1013.89	2.9844
179.51	1013.89	2.9906
179.52	1013.89	2.9906
179.53	1013.89	2.9922
179.54	1013.89	2.9906
179.55	1013.89	2.9922
179.56	1013.89	2.9922
179.57	1013.89	2.9922
179.58	1013.89	2.9906
179.6	1013.89	2.9876
179.64	1013.89	2.9844
179.67	1013.89	2.986
179.7	1013.89	2.9766
179.7	1013.89	2.9782
179.71	1013.89	2.9766
179.71	1013.89	2.9766
179.72	1013.89	2.975
179.73	1013.89	2.9782

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
258.23	1156.21	2.024
258.24	1156.21	2.0256
258.24	1156.21	2.0256
258.25	1156.21	2.0263
258.26	1156.21	2.0271
258.28	1163.274	2.0295
258.59	1163.274	2.0341
258.73	1163.274	2.0341
258.8	1163.274	2.0349
259.77	1163.274	2.0442
259.84	1163.274	2.0442
259.91	1163.274	2.0481
259.92	1163.274	2.0481
259.93	1163.274	2.0481
259.93	1163.274	2.0489
259.94	1163.274	2.0496
259.95	1163.274	2.0496
259.97	1163.274	2.0496
259.98	1163.274	2.0496
259.99	1163.274	2.0496
260	1163.274	2.0489
260.01	1163.274	2.0496
260.03	1163.274	2.0489
260.05	1163.274	2.0473
260.16	1163.274	2.0426
260.17	1163.274	2.0458
260.18	1163.274	2.045
260.19	1163.274	2.045
260.21	1163.274	2.0419
260.22	1163.274	2.0426
260.23	1163.274	2.0426
260.24	1163.274	2.0411
260.24	1163.274	2.0426
260.25	1163.274	2.0411
260.26	1163.274	2.0419
260.26	1163.274	2.0426
260.27	1163.274	2.0442
260.29	1164.687	2.0458
260.47	1164.687	2.0496
261.91	1164.687	2.0636
261.92	1164.687	2.0644
261.93	1164.687	2.0644
261.94	1164.687	2.0644
261.95	1164.687	2.0652
261.96	1164.687	2.0652
261.98	1164.687	2.0652
261.99	1164.687	2.0652
262.01	1164.687	2.0652
262.03	1164.687	2.0652
262.05	1164.687	2.0667
262.06	1164.687	2.0659
262.09	1164.687	2.0644

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
179.73	1013.89	2.975
179.74	1013.89	2.975
179.75	1013.89	2.9736
179.75	1013.89	2.975
179.76	1013.89	2.9736
179.77	1013.89	2.9766
179.77	1013.89	2.9766
179.78	1013.89	2.9766
179.79	1013.89	2.9812
179.8	1013.89	2.986
179.99	1013.89	2.9906
180.17	1013.89	2.9922
180.81	1013.89	3.0046
181.42	1013.89	3.0186
181.43	1013.89	3.0186
181.45	1013.89	3.0186
181.47	1013.89	3.0186
181.48	1013.89	3.0186
181.5	1013.89	3.0216
181.51	1013.89	3.0248
181.52	1013.89	3.0232
181.53	1013.89	3.0248
181.54	1013.89	3.0248
181.55	1013.89	3.0264
181.56	1013.89	3.0264
181.57	1013.89	3.0264
181.58	1013.89	3.0248
181.6	1013.89	3.0216
181.61	1013.89	3.0202
181.67	1013.89	3.017
181.68	1013.89	3.017
181.7	1013.89	3.0092
181.71	1013.89	3.0092
181.71	1013.89	3.0108
181.72	1013.89	3.0108
181.73	1013.89	3.0092
181.73	1013.89	3.0108
181.74	1013.89	3.0076
181.75	1013.89	3.0108
181.75	1013.89	3.0076
181.76	1013.89	3.0062
181.77	1013.89	3.0092
181.77	1013.89	3.0138
181.78	1013.89	3.0124
181.79	1013.89	3.0138
181.81	1019.153	3.0186
181.99	1019.153	3.0248
182.07	1019.153	3.0278
182.58	1019.153	3.034
182.63	1019.153	3.0372
182.88	1019.153	3.0372
183.39	1019.153	3.0512

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
262.19	1164.687	2.0597
262.2	1164.687	2.0605
262.2	1164.687	2.0597
262.21	1164.687	2.059
262.22	1164.687	2.0613
262.23	1164.687	2.059
262.24	1164.687	2.0597
262.25	1164.687	2.0605
262.26	1164.687	2.0574
262.27	1164.687	2.0582
262.27	1164.687	2.0597
262.28	1164.687	2.059
262.29	1164.687	2.0621
262.31	1169.868	2.0636
262.51	1169.868	2.0675
263.41	1169.868	2.0737
263.56	1169.868	2.0753
263.91	1169.868	2.0815
263.92	1169.868	2.0815
263.93	1169.868	2.0815
263.94	1169.868	2.0822
263.95	1169.868	2.0822
263.96	1169.868	2.0815
263.97	1169.868	2.0822
263.98	1169.868	2.0822
263.99	1169.868	2.083
264.01	1169.868	2.083
264.02	1169.868	2.083
264.03	1169.868	2.083
264.05	1169.868	2.0807
264.09	1169.868	2.0807
264.15	1169.868	2.0799
264.17	1169.868	2.0791
264.19	1169.868	2.0768
264.2	1169.868	2.0776
264.2	1169.868	2.076
264.22	1169.868	2.0753
264.23	1169.868	2.0768
264.23	1169.868	2.0753
264.24	1169.868	2.076
264.25	1169.868	2.0745
264.26	1169.868	2.0768
264.26	1169.868	2.076
264.27	1169.868	2.0768
264.29	1169.868	2.0807
264.55	1169.868	2.0854
264.61	1169.868	2.0861
264.75	1169.868	2.083
264.91	1169.868	2.0869
265.27	1169.868	2.09
265.91	1169.868	2.0985
265.92	1169.868	2.0978

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.43	1019.153	3.0528
183.44	1019.153	3.0542
183.44	1019.153	3.0542
183.45	1019.153	3.0512
183.47	1019.153	3.0528
183.48	1019.153	3.0558
183.49	1019.153	3.0542
183.51	1019.153	3.0574
183.52	1019.153	3.059
183.53	1019.153	3.0574
183.54	1019.153	3.0604
183.55	1019.153	3.059
183.56	1019.153	3.0574
183.57	1019.153	3.0542
183.59	1019.153	3.0528
183.67	1019.153	3.0466
183.68	1019.153	3.0528
183.69	1019.153	3.0512
183.71	1019.153	3.0418
183.72	1019.153	3.0418
183.72	1019.153	3.0434
183.73	1019.153	3.0418
183.74	1019.153	3.0418
183.74	1019.153	3.0402
183.75	1019.153	3.0418
183.76	1019.153	3.0418
183.77	1019.153	3.0434
183.77	1019.153	3.0434
183.78	1019.153	3.0466
183.79	1019.153	3.045
183.8	1019.153	3.0512
183.99	1019.153	3.059
184.2	1019.153	3.0604
184.83	1019.153	3.0714
184.9	1019.153	3.073
184.94	1019.153	3.073
184.98	1019.153	3.0698
185.04	1019.153	3.073
185.12	1019.153	3.076
185.43	1019.153	3.0854
185.44	1019.153	3.0838
185.45	1019.153	3.0868
185.46	1019.153	3.0868
185.47	1019.153	3.0868
185.48	1019.153	3.0868
185.5	1019.153	3.09
185.51	1019.153	3.09
185.52	1019.153	3.0916
185.53	1019.153	3.0916
185.54	1019.153	3.093
185.55	1019.153	3.0916
185.56	1019.153	3.0916

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
265.92	1169.868	2.0985
265.93	1169.868	2.0985
265.94	1169.868	2.0993
265.95	1169.868	2.0993
265.96	1169.868	2.0985
265.97	1169.868	2.0993
265.98	1169.868	2.1001
265.99	1169.868	2.1009
266	1169.868	2.1001
266.01	1169.868	2.0985
266.03	1169.868	2.0985
266.16	1169.868	2.0962
266.17	1169.868	2.0954
266.18	1169.868	2.0947
266.2	1169.868	2.0916
266.21	1169.868	2.0931
266.21	1169.868	2.0939
266.22	1169.868	2.0916
266.23	1169.868	2.0916
266.24	1169.868	2.0931
266.25	1169.868	2.0916
266.25	1169.868	2.0923
266.26	1169.868	2.0923
266.28	1169.868	2.0954
267.69	1169.868	2.1094
267.77	1169.868	2.111
267.91	1169.868	2.1156
267.91	1169.868	2.1156
267.92	1169.868	2.1156
267.93	1169.868	2.1156
267.94	1169.868	2.1156
267.95	1169.868	2.1156
267.96	1169.868	2.1164
267.97	1169.868	2.1156
267.98	1169.868	2.1172
267.99	1169.868	2.1164
268	1169.868	2.1164
268.01	1169.868	2.1156
268.03	1169.868	2.1149
268.07	1169.868	2.1141
268.13	1169.868	2.1117
268.16	1169.868	2.1094
268.16	1169.868	2.1102
268.17	1169.868	2.1117
268.18	1169.868	2.1117
268.2	1169.868	2.1094
268.21	1169.868	2.1094
268.22	1169.868	2.1079
268.23	1169.868	2.1071
268.23	1169.868	2.1079
268.24	1169.868	2.1086
268.25	1169.868	2.1086

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
185.57	1019.153	3.0884
185.59	1019.153	3.0854
185.67	1019.153	3.0792
185.68	1019.153	3.0838
185.68	1019.153	3.0822
185.7	1019.153	3.0806
185.71	1019.153	3.0776
185.72	1019.153	3.0776
185.72	1019.153	3.073
185.73	1019.153	3.0744
185.74	1019.153	3.076
185.74	1019.153	3.0744
185.75	1019.153	3.076
185.76	1019.153	3.0744
185.76	1019.153	3.076
185.77	1019.153	3.076
185.78	1019.153	3.0792
185.79	1019.153	3.0838
185.98	1019.153	3.0916
187.23	1022.913	3.1086
187.33	1022.913	3.1118
187.42	1022.913	3.1194
187.44	1022.913	3.121
187.44	1022.913	3.1194
187.45	1022.913	3.1194
187.46	1022.913	3.121
187.47	1022.913	3.1194
187.49	1022.913	3.121
187.5	1022.913	3.1256
187.51	1022.913	3.1242
187.52	1022.913	3.1256
187.53	1022.913	3.1256
187.54	1022.913	3.1272
187.55	1022.913	3.1242
187.56	1022.913	3.1226
187.57	1022.913	3.1226
187.59	1022.913	3.1194
187.67	1022.913	3.1102
187.67	1022.913	3.1118
187.68	1022.913	3.1164
187.68	1022.913	3.1164
187.7	1022.913	3.1148
187.71	1022.913	3.107
187.72	1022.913	3.1102
187.72	1022.913	3.1086
187.73	1022.913	3.104
187.74	1022.913	3.1102
187.74	1022.913	3.107
187.75	1022.913	3.107
187.76	1022.913	3.1102
187.76	1022.913	3.1102
187.77	1022.913	3.1118

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
268.26	1169.868	2.1094
268.27	1169.868	2.111
268.34	1169.868	2.1149
268.5	1169.868	2.1156
268.86	1169.868	2.1187
269.02	1169.868	2.1203
269.9	1169.868	2.1312
269.91	1169.868	2.1319
269.92	1169.868	2.1312
269.92	1169.868	2.1319
269.93	1169.868	2.1327
269.94	1169.868	2.1327
269.95	1169.868	2.1327
269.96	1169.868	2.1335
269.97	1169.868	2.1343
269.98	1169.868	2.1335
269.99	1169.868	2.1327
270	1169.868	2.1319
270.01	1169.868	2.1319
270.03	1169.868	2.1312
270.15	1169.868	2.1288
270.16	1169.868	2.1281
270.18	1169.868	2.1265
270.19	1169.868	2.1257
270.2	1169.868	2.1249
270.21	1169.868	2.1273
270.22	1169.868	2.1249
270.23	1169.868	2.1265
270.23	1169.868	2.1249
270.24	1169.868	2.1249
270.25	1169.868	2.1257
270.26	1169.868	2.1257
270.27	1169.868	2.1273
270.28	1169.868	2.1304
270.62	1169.868	2.135
270.99	1169.868	2.1374
271.06	1169.868	2.1381
271.9	1169.868	2.1482
271.91	1169.868	2.1475
271.92	1169.868	2.1482
271.93	1169.868	2.149
271.94	1169.868	2.1482
271.95	1169.868	2.149
271.96	1169.868	2.1498
271.97	1169.868	2.1506
271.98	1169.868	2.1498
271.99	1169.868	2.1498
272	1169.868	2.149
272.01	1169.868	2.149
272.03	1169.868	2.149
272.05	1169.868	2.1475
272.12	1169.868	2.1459

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
187.78	1022.913	3.1132
187.8	1022.913	3.1194
187.89	1022.913	3.1226
187.98	1022.913	3.1256
188.53	1022.913	3.1366
189.16	1022.913	3.1412
189.26	1022.913	3.1474
189.42	1022.913	3.1568
189.43	1022.913	3.1536
189.44	1022.913	3.1536
189.45	1022.913	3.1568
189.46	1022.913	3.1552
189.47	1022.913	3.1536
189.48	1022.913	3.1584
189.49	1022.913	3.1568
189.5	1022.913	3.1584
189.51	1022.913	3.1598
189.52	1022.913	3.1598
189.53	1022.913	3.1598
189.54	1022.913	3.1584
189.55	1022.913	3.1552
189.56	1022.913	3.1536
189.67	1022.913	3.149
189.69	1022.913	3.1444
189.7	1022.913	3.1428
189.7	1022.913	3.1428
189.71	1022.913	3.1428
189.71	1022.913	3.1428
189.72	1022.913	3.1412
189.73	1022.913	3.1428
189.74	1022.913	3.1412
189.74	1022.913	3.1428
189.75	1022.913	3.1412
189.76	1022.913	3.1428
189.76	1022.913	3.1428
189.77	1022.913	3.1428
189.78	1022.913	3.1444
189.79	1022.913	3.1506
189.98	1022.913	3.1584
190.1	1022.913	3.163
190.12	1022.913	3.1614
190.25	1022.913	3.1598
190.44	1022.913	3.1646
191.34	1022.913	3.1816
191.42	1022.913	3.1848
191.44	1022.913	3.1862
191.45	1022.913	3.1862
191.46	1022.913	3.1862
191.48	1022.913	3.1878
191.49	1022.913	3.1894
191.5	1022.913	3.1894
191.51	1022.913	3.1894

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
272.15	1169.868	2.1428
272.16	1169.868	2.142
272.17	1169.868	2.1451
272.18	1169.868	2.1451
272.2	1169.868	2.1412
272.21	1169.868	2.1412
272.22	1169.868	2.142
272.22	1169.868	2.142
272.23	1169.868	2.1428
272.24	1169.868	2.1436
272.25	1169.868	2.1436
272.26	1169.868	2.1444
272.27	1169.868	2.1475
272.57	1169.868	2.1498
273.3	1169.868	2.156
273.9	1169.868	2.1653
273.9	1169.868	2.1653
273.91	1169.868	2.1653
273.92	1169.868	2.1653
273.93	1169.868	2.1661
273.94	1169.868	2.1669
273.95	1169.868	2.1661
273.96	1169.868	2.1669
273.97	1169.868	2.1669
273.98	1169.868	2.1669
273.99	1169.868	2.1661
274	1169.868	2.1661
274.01	1169.868	2.1653
274.04	1169.868	2.1638
274.13	1169.868	2.1622
274.15	1169.868	2.1591
274.16	1169.868	2.1591
274.17	1169.868	2.1614
274.18	1169.868	2.1614
274.2	1169.868	2.1583
274.21	1169.868	2.1583
274.22	1169.868	2.1583
274.22	1169.868	2.1576
274.23	1169.868	2.1576
274.24	1169.868	2.1591
274.24	1169.868	2.1591
274.25	1169.868	2.1599
274.27	1169.868	2.163
274.49	1169.868	2.1676
274.89	1169.868	2.1692
275	1169.868	2.17
275.9	1169.868	2.1816
275.91	1169.868	2.1816
275.92	1169.868	2.1824
275.92	1169.868	2.1824
275.93	1169.868	2.1824
275.94	1169.868	2.1832

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
191.52	1022.913	3.191
191.53	1022.913	3.191
191.54	1022.913	3.191
191.55	1022.913	3.191
191.56	1022.913	3.1894
191.57	1022.913	3.1894
191.59	1022.913	3.1862
191.67	1022.913	3.1816
191.67	1022.913	3.1816
191.68	1022.913	3.1832
191.7	1022.913	3.1832
191.71	1022.913	3.1754
191.72	1022.913	3.1738
191.72	1022.913	3.1738
191.73	1022.913	3.1754
191.74	1022.913	3.1738
191.75	1022.913	3.1722
191.75	1022.913	3.1754
191.76	1022.913	3.1738
191.76	1022.913	3.177
191.77	1022.913	3.1784
191.78	1022.913	3.1784
191.79	1022.913	3.1832
191.98	1022.913	3.1924
192.26	1022.913	3.1956
192.77	1022.913	3.2018
192.84	1022.913	3.2048
192.95	1022.913	3.2064
193.4	1022.913	3.2188
193.42	1022.913	3.2158
193.43	1022.913	3.2188
193.44	1022.913	3.2158
193.45	1022.913	3.2174
193.46	1022.913	3.225
193.47	1022.913	3.2236
193.48	1022.913	3.2204
193.5	1022.913	3.2236
193.51	1022.913	3.225
193.52	1022.913	3.2236
193.53	1022.913	3.225
193.54	1022.913	3.225
193.55	1022.913	3.2236
193.56	1022.913	3.222
193.58	1022.913	3.2204
193.68	1022.913	3.2096
193.69	1022.913	3.2096
193.7	1022.913	3.211
193.7	1022.913	3.2096
193.71	1022.913	3.2096
193.72	1022.913	3.2096
193.72	1022.913	3.2064
193.73	1022.913	3.208

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
275.95	1169.868	2.1832
275.97	1169.868	2.184
275.98	1169.868	2.184
275.98	1169.868	2.1832
275.99	1169.868	2.1832
276	1169.868	2.1824
276.01	1169.868	2.1816
276.05	1169.868	2.1801
276.12	1169.868	2.1793
276.15	1169.868	2.1801
276.16	1169.868	2.1793
276.18	1169.868	2.177
276.19	1169.868	2.1754
276.2	1169.868	2.1746
276.21	1169.868	2.1762
276.21	1169.868	2.1746
276.22	1169.868	2.1754
276.23	1169.868	2.1746
276.24	1169.868	2.1754
276.24	1169.868	2.1754
276.25	1169.868	2.1777
276.27	1169.868	2.1793
277.89	1169.868	2.1987
277.9	1169.868	2.1987
277.91	1169.868	2.1979
277.92	1169.868	2.1995
277.93	1169.868	2.1979
277.93	1169.868	2.1995
277.95	1169.868	2.1987
277.96	1169.868	2.2003
277.97	1169.868	2.2003
277.98	1169.868	2.2003
277.99	1169.868	2.1995
278	1169.868	2.1987
278.01	1169.868	2.1979
278.06	1169.868	2.1971
278.14	1169.868	2.1964
278.16	1169.868	2.1925
278.16	1169.868	2.1956
278.17	1169.868	2.1948
278.19	1169.868	2.1917
278.2	1169.868	2.1909
278.21	1169.868	2.1917
278.22	1169.868	2.1917
278.22	1169.868	2.1902
278.23	1169.868	2.1917
278.24	1169.868	2.1925
278.24	1169.868	2.1925
278.25	1169.868	2.194
278.27	1169.868	2.1956
278.61	1169.868	2.201
278.77	1169.868	2.2026

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.74	1022.913	3.208
193.75	1022.913	3.208
193.75	1022.913	3.2064
193.76	1022.913	3.208
193.77	1022.913	3.208
193.77	1022.913	3.2126
193.78	1022.913	3.2158
193.79	1022.913	3.2174
193.98	1022.913	3.2236
195.4	1022.913	3.2514
195.42	1022.913	3.2514
195.43	1022.913	3.2546
195.44	1022.913	3.2562
195.45	1022.913	3.253
195.45	1022.913	3.2562
195.46	1022.913	3.2562
195.47	1022.913	3.2562
195.49	1022.913	3.253
195.5	1022.913	3.2592
195.51	1022.913	3.2592
195.52	1022.913	3.2562
195.53	1022.913	3.2576
195.54	1022.913	3.2562
195.55	1022.913	3.2546
195.56	1022.913	3.253
195.66	1022.913	3.2422
195.67	1022.913	3.2468
195.68	1022.913	3.2484
195.68	1022.913	3.25
195.7	1022.913	3.2422
195.71	1022.913	3.2438
195.72	1022.913	3.2438
195.73	1022.913	3.2422
195.73	1022.913	3.239
195.74	1022.913	3.239
195.75	1022.913	3.2438
195.75	1022.913	3.239
195.76	1022.913	3.2438
195.77	1022.913	3.2452
195.77	1022.913	3.2438
195.79	1022.913	3.2484
195.98	1022.913	3.2576
197.42	1022.913	3.2872
197.43	1022.913	3.2902
197.44	1022.913	3.2888
197.44	1022.913	3.2856
197.45	1022.913	3.2902
197.46	1022.913	3.2872
197.46	1022.913	3.2888
197.46	1022.913	3.2888
197.47	1022.913	3.2918
197.48	1022.913	3.2872

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
278.81	1169.868	2.2034
278.96	1169.868	2.2049
279.89	1169.868	2.215
279.9	1169.868	2.215
279.91	1169.868	2.215
279.92	1169.868	2.215
279.93	1169.868	2.2158
279.94	1169.868	2.215
279.95	1169.868	2.2166
279.96	1169.868	2.2166
279.97	1169.868	2.2173
279.98	1169.868	2.2166
279.99	1169.868	2.2166
280	1169.868	2.2166
280.01	1169.868	2.215
280.03	1169.868	2.2142
280.15	1169.868	2.2088
280.16	1169.868	2.2096
280.16	1169.868	2.2096
280.17	1169.868	2.2119
280.19	1169.868	2.2096
280.2	1169.868	2.208
280.21	1169.868	2.208
280.22	1169.868	2.208
280.23	1169.868	2.2096
280.23	1169.868	2.2088
280.24	1169.868	2.2096
280.25	1169.868	2.2096
280.26	1169.868	2.2111
280.28	1180.7	2.215
280.52	1180.7	2.2173
281.9	1180.7	2.2305
281.91	1180.7	2.2313
281.92	1180.7	2.2313

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
197.49	1022.913	3.2888
197.51	1022.913	3.2872
197.52	1022.913	3.2856
197.54	1022.913	3.2856
197.61	1022.913	3.2856
197.68	1022.913	3.2778
197.69	1022.913	3.2778
197.69	1022.913	3.2778
197.7	1022.913	3.2778
197.7	1022.913	3.2778
197.71	1022.913	3.2764
197.72	1022.913	3.2764
197.73	1022.913	3.2764
197.74	1022.913	3.2748
197.74	1022.913	3.2764
197.75	1022.913	3.2748
197.76	1022.913	3.2748
197.76	1022.913	3.2764
197.77	1022.913	3.2778
197.78	1022.913	3.281
197.8	1022.913	3.2856
197.92	1022.913	3.295
197.98	1022.913	3.2918
198.6	1022.913	3.2996
199.4	1022.913	3.3182
199.42	1022.913	3.3166
199.44	1022.913	3.3198
199.46	1022.913	3.3214
199.47	1022.913	3.3182
199.49	1022.913	3.3228
199.5	1022.913	3.3228
199.51	1022.913	3.3228
199.52	1022.913	3.3244
199.54	1022.913	3.3244
199.55	1022.913	3.326
199.56	1022.913	3.3244
199.57	1022.913	3.3228
199.58	1022.913	3.3214
199.6	1022.913	3.3198
199.66	1022.913	3.3152
199.66	1022.913	3.3136
199.67	1022.913	3.3166
199.69	1022.913	3.3136
199.7	1022.913	3.309
199.71	1022.913	3.3074
199.71	1022.913	3.3074
199.72	1022.913	3.3074
199.73	1022.913	3.3058
199.73	1022.913	3.3074
199.74	1022.913	3.3074
199.75	1022.913	3.309
199.75	1022.913	3.3104

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
199.76	1022.913	3.3104
199.78	1022.913	3.3136
199.98	1022.913	3.3228
201.4	1022.913	3.3524
201.41	1022.913	3.3556
201.42	1022.913	3.3524
201.43	1022.913	3.354
201.44	1022.913	3.3524
201.45	1022.913	3.3508
201.46	1022.913	3.3556
201.47	1022.913	3.357
201.49	1022.913	3.357
201.5	1022.913	3.357
201.51	1022.913	3.3586
201.52	1022.913	3.3586
201.53	1022.913	3.357
201.54	1022.913	3.3556
201.55	1022.913	3.3508
201.66	1022.913	3.3492
201.68	1022.913	3.3446
201.68	1022.913	3.343
201.69	1022.913	3.343
201.7	1022.913	3.3446
201.7	1022.913	3.3416
201.71	1022.913	3.34
201.72	1022.913	3.3416
201.73	1022.913	3.34
201.73	1022.913	3.3416
201.74	1022.913	3.343
201.74	1022.913	3.34
201.75	1022.913	3.3416
201.76	1022.913	3.343
201.77	1022.913	3.3478
201.78	1031.559	3.3508
201.98	1031.559	3.357
203.4	1031.559	3.385
203.41	1031.559	3.385
203.43	1031.559	3.3882
203.44	1031.559	3.3866
203.46	1031.559	3.3896
203.47	1031.559	3.3866
203.47	1031.559	3.3882
203.49	1031.559	3.3882
203.5	1031.559	3.3882
203.51	1031.559	3.3896
203.52	1031.559	3.3896
203.53	1031.559	3.3912
203.54	1031.559	3.3912
203.55	1031.559	3.3896
203.56	1031.559	3.385
203.6	1031.559	3.385
203.65	1031.559	3.3834

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
203.66	1031.559	3.3834
203.68	1031.559	3.3772
203.69	1031.559	3.3756
203.69	1031.559	3.3742
203.7	1031.559	3.3788
203.7	1031.559	3.3772
203.71	1031.559	3.3726
203.72	1031.559	3.3756
203.73	1031.559	3.3742
203.73	1031.559	3.3726
203.74	1031.559	3.3742
203.74	1031.559	3.3726
203.75	1031.559	3.3788
203.76	1031.559	3.3772
203.77	1031.559	3.382
203.78	1037.198	3.382
203.97	1037.198	3.3882
203.98	1037.198	3.3944
204.33	1037.198	3.3944
204.4	1037.198	3.3944
205.4	1037.198	3.4192
205.41	1037.198	3.4192
205.42	1037.198	3.4222
205.43	1037.198	3.4222
205.43	1037.198	3.4192
205.44	1037.198	3.4176
205.46	1037.198	3.4192
205.48	1037.198	3.4222
205.49	1037.198	3.4238
205.5	1037.198	3.4238
205.51	1037.198	3.4238
205.53	1037.198	3.4254
205.54	1037.198	3.4238
205.55	1037.198	3.4222
205.57	1037.198	3.4192
205.66	1037.198	3.4114
205.66	1037.198	3.416
205.67	1037.198	3.4146
205.69	1037.198	3.4082
205.69	1037.198	3.4098
205.7	1037.198	3.4082
205.71	1037.198	3.4052
205.72	1037.198	3.4082
205.72	1037.198	3.4082
205.73	1037.198	3.4068
205.74	1037.198	3.4098
205.74	1037.198	3.4068
205.75	1037.198	3.4082
205.76	1037.198	3.413
205.77	1037.198	3.413
205.78	1037.198	3.416
205.89	1037.198	3.4238

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
205.98	1037.198	3.4222
207.23	1037.198	3.4456
207.3	1037.198	3.4424
207.39	1037.198	3.4502
207.4	1037.198	3.4564
207.41	1037.198	3.4564
207.42	1037.198	3.4548
207.42	1037.198	3.458
207.43	1037.198	3.4548
207.43	1037.198	3.4596
207.44	1037.198	3.458
207.45	1037.198	3.4548
207.46	1037.198	3.4596
207.47	1037.198	3.4596
207.48	1037.198	3.458
207.49	1037.198	3.458
207.5	1037.198	3.4564
207.51	1037.198	3.4534
207.64	1037.198	3.4472
207.65	1037.198	3.441
207.66	1037.198	3.444
207.66	1037.198	3.4486
207.67	1037.198	3.4472
207.68	1037.198	3.441
207.69	1037.198	3.441
207.7	1037.198	3.4424
207.71	1037.198	3.4394
207.71	1037.198	3.4394
207.72	1037.198	3.4424
207.73	1037.198	3.4424
207.73	1037.198	3.441
207.74	1037.198	3.4424
207.75	1037.198	3.4472
207.77	1042.461	3.4518
207.98	1042.461	3.458
208.43	1042.461	3.4674
208.53	1042.461	3.4658
208.85	1042.461	3.472
208.94	1042.461	3.472
209.36	1042.461	3.4812
209.4	1042.461	3.486
209.42	1042.461	3.4874
209.43	1042.461	3.486
209.43	1042.461	3.4874
209.44	1042.461	3.4874
209.45	1042.461	3.489
209.46	1042.461	3.4844
209.47	1042.461	3.4906
209.49	1042.461	3.489
209.5	1042.461	3.4922
209.51	1042.461	3.4906
209.52	1042.461	3.4906

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
209.53	1042.461	3.489
209.54	1042.461	3.489
209.56	1042.461	3.4844
209.65	1042.461	3.486
209.67	1042.461	3.4766
209.68	1042.461	3.4766
209.68	1042.461	3.4766
209.69	1042.461	3.4766
209.69	1042.461	3.4736
209.7	1042.461	3.4736
209.71	1042.461	3.4766
209.72	1042.461	3.475
209.72	1042.461	3.472
209.73	1042.461	3.4736
209.74	1042.461	3.4766
209.74	1042.461	3.475
209.75	1042.461	3.4766
209.76	1042.461	3.4798
209.77	1042.461	3.4828
209.98	1042.461	3.4906
210.75	1042.461	3.5076
210.79	1042.461	3.5062
210.88	1042.461	3.5076
210.93	1042.461	3.5062
210.99	1042.461	3.5046
211.01	1042.461	3.5046
211.02	1042.461	3.5062
211.05	1042.461	3.5062
211.39	1042.461	3.52
211.4	1042.461	3.5216
211.41	1042.461	3.5232
211.42	1042.461	3.5232
211.42	1042.461	3.5186
211.43	1042.461	3.52
211.44	1042.461	3.5216
211.46	1042.461	3.52
211.47	1042.461	3.5216
211.48	1042.461	3.5248
211.49	1042.461	3.5248
211.49	1042.461	3.5248
211.5	1042.461	3.5264
211.51	1042.461	3.5232
211.52	1042.461	3.52
211.54	1042.461	3.52
211.62	1042.461	3.5154
211.64	1042.461	3.5108
211.65	1042.461	3.5092
211.65	1042.461	3.5138
211.66	1042.461	3.5154
211.67	1042.461	3.5154
211.69	1042.461	3.5076
211.69	1042.461	3.5076

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S5-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S5-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
211.7	1042.461	3.5046
211.71	1042.461	3.5076
211.71	1042.461	3.5046
211.72	1042.461	3.5062
211.72	1042.461	3.5076
211.73	1042.461	3.5076
211.74	1042.461	3.5124
211.75	1042.461	3.5154
211.77	1048.1	3.5186

S6-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S6-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	46.12073	0.01593
0.0395	53.37414	0.1607
0.659	60.62755	0.1728
1.9998	61.99612	0.1904
2.3466	61.99612	0.1985
2.5647	61.99612	0.1971
3.9997	62.95412	0.2201
5.9995	66.78611	0.2484
7.9993	70.07067	0.2768
8.3874	70.07067	0.2808
8.5561	70.07067	0.2822
9.7363	77.32408	0.3011
9.7433	77.32408	0.3025
9.9992	77.32408	0.3052
11.857	81.15607	0.3322
11.999	81.15607	0.3335
13.999	83.07206	0.3632
14.328	83.07206	0.37
14.422	83.07206	0.3713
14.57	83.07206	0.3673
14.6	83.07206	0.3686
15.999	84.44063	0.3929
16.421	84.44063	0.397
16.507	84.44063	0.3997
17.91	91.69404	0.4199
17.999	91.69404	0.4213
18.609	94.0206	0.4307
19.998	94.0206	0.4496
20.313	94.0206	0.4564
20.379	94.0206	0.4564
20.571	94.0206	0.455
20.594	94.0206	0.455
21.998	96.8946	0.4793
22.354	96.8946	0.4834
22.525	96.8946	0.4847
23.998	100.1792	0.5077
24.318	100.1792	0.5131
24.508	100.1792	0.5158
25.998	103.6006	0.5374
26.353	103.6006	0.5428
26.556	103.6006	0.5414
27.998	107.8431	0.5657
28.326	107.8431	0.5711
28.404	107.8431	0.5725
28.593	107.8431	0.5711
28.617	107.8431	0.5711
29.998	113.0437	0.5941
30.31	113.0437	0.5995
30.553	113.0437	0.6009
31.997	116.8757	0.6225
32.305	116.8757	0.6292
32.528	116.8757	0.6279

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	4.463362	0.01955
0.1432	6.633621	0.01836
1.9998	7.780172	0.04369
3.9997	8.353448	0.06783
5.9995	8.926724	0.09299
7.9993	9.622845	0.11713
9.9992	9.622845	0.14246
11.999	10.81034	0.16779
13.999	10.81034	0.19193
15.999	11.67026	0.21624
17.999	11.67026	0.24038
19.998	11.67026	0.26571
21.998	12.48922	0.29104
23.998	13.0625	0.31535
25.998	13.63578	0.34068
27.998	15.06897	0.36618
29.998	15.92888	0.39151
31.997	16.66595	0.41463
33.997	16.66595	0.44013
35.997	17.93534	0.46563
37.997	19.20474	0.48875
39.997	20.06466	0.51425
41.961	22.23491	0.53618
41.997	22.23491	0.53856
43.996	23.21767	0.56406
45.996	24.36422	0.58956
47.996	25.34698	0.61268
49.518	27.51724	0.6324
49.75	27.51724	0.63716
49.929	27.51724	0.63716
49.996	27.51724	0.63937
51.996	28.21336	0.66266
53.963	30.34267	0.68816
53.996	30.34267	0.68816
55.121	31.48922	0.70329
55.995	31.77586	0.71366
57.956	33.90517	0.73695
57.995	33.90517	0.73933
59.26	35.05172	0.75446
59.995	35.05172	0.76381
61.215	36.8944	0.77996
61.756	36.8944	0.78693
61.99	36.8944	0.78591
61.995	37.34483	0.78591
63.511	39.47414	0.80801
63.995	39.47414	0.81141
65.171	41.43966	0.82892
65.995	42.29957	0.83827
67.475	44.42888	0.8568
67.994	44.59267	0.86394
69.031	46.72198	0.87669
69.994	48.15517	0.88723

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	0	-0.01043
0.0556	0	-0.00945
0.0956	0	-0.00854
0.1639	0	-0.00854
0.508	0	-0.00756
0.5297	0	-0.00945
0.549	0	-0.00945
0.5685	1.408375	-0.00945
0.5882	9.702139	-0.01043
0.6075	17.9959	-0.01043
0.6204	26.28967	-0.01232
0.6312	34.58343	-0.01232
0.6436	42.72071	-0.00945
0.6592	51.01447	-0.00756
0.6809	59.30824	-0.00567
0.8919	67.602	-0.0028
1.1321	75.89577	0
1.3923	84.18953	0.0028
1.7596	92.4833	0.00567
1.9998	95.14356	0.00854
2.293	103.4373	0.01134
2.9893	111.7311	0.01799
3.6946	120.0249	0.02646
3.9997	120.0249	0.02933
5.0925	128.3186	0.04067
5.9995	128.3186	0.05012
7.0555	136.4559	0.06048
7.9993	137.0818	0.06993
9.9992	142.5589	0.0917
11.999	148.5053	0.11151
13.999	154.6083	0.13041
15.999	159.9288	0.1512
17.999	163.215	0.17199
19.88	171.5088	0.19089
19.998	171.5088	0.19187
21.744	176.9858	0.20979
21.998	176.9858	0.21266
23.998	181.2109	0.23254
25.998	186.2185	0.25424
27.998	191.0695	0.27314
29.998	196.5466	0.29491
31.997	199.6763	0.31381
33.945	207.9701	0.33271
33.997	207.9701	0.3346
35.028	212.8211	0.34405
35.997	212.8211	0.35441
37.997	212.8211	0.37429
39.084	220.9584	0.38563
39.997	220.9584	0.39508
41.987	228.4697	0.41587
41.997	228.4697	0.41587
43.766	234.5727	0.43288

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	10.52142	0.0081
0.098	16.53366	0.0081
0.1136	16.53366	0.00945
0.6841	16.53366	0.0135
1.6516	16.53366	0.0216
1.7021	16.53366	0.0216
1.7335	16.53366	0.0216
1.7647	16.53366	0.0223
1.7945	16.53366	0.02295
1.8155	16.53366	0.02295
1.9998	16.53366	0.0223
2.0467	16.53366	0.0223
2.0811	16.53366	0.0223
2.1054	16.53366	0.0223
2.1198	16.53366	0.0216
2.1306	16.53366	0.02095
2.1562	16.53366	0.02095
2.3135	20.23351	0.0243
3.6558	20.23351	0.0358
3.6914	20.23351	0.0358
3.7507	20.23351	0.03645
3.7826	20.23351	0.03715
3.8107	20.23351	0.03645
3.8336	20.23351	0.03715
3.9997	20.23351	0.03645
4.0323	20.23351	0.03645
4.0543	20.23351	0.0351
4.0753	20.23351	0.0358
4.0855	20.23351	0.03445
4.1031	20.23351	0.0351
4.2079	24.74269	0.03915
5.6488	24.74269	0.05065
5.6895	24.74269	0.05065
5.72	24.74269	0.0513
5.7493	24.74269	0.0513
5.7715	24.74269	0.0513
5.8093	24.74269	0.052
5.869	24.74269	0.052
5.9995	24.74269	0.0513
6.1	24.74269	0.0513
6.1351	24.74269	0.0513
6.1649	24.74269	0.05065
6.1836	24.74269	0.0513
6.1968	24.74269	0.05065
6.2153	24.74269	0.05065
6.2466	24.74269	0.0493
6.2846	27.51757	0.0513
7.1457	33.64543	0.0594
7.6233	33.64543	0.06415
7.6555	33.64543	0.0655
7.6862	33.64543	0.06615
7.7052	33.64543	0.0655

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
33.997	121.1182	0.6522
34.344	121.1182	0.6576
34.521	121.1182	0.6576
35.991	128.3717	0.6819
35.997	128.3717	0.6819
36.006	128.3717	0.6819
36.362	128.3717	0.6859
36.527	128.3717	0.6859
36.565	128.3717	0.6873
37.997	128.3717	0.7089
38.359	128.3717	0.717
38.521	128.3717	0.7143
38.552	134.9408	0.717
39.997	136.4462	0.7399
40.327	136.4462	0.7467
40.38	136.4462	0.7467
40.586	136.4462	0.744
40.607	136.4462	0.744
41.997	139.7308	0.7669
42.323	139.7308	0.775
42.563	139.7308	0.7737
42.608	146.8473	0.7764
42.664	146.8473	0.7777
43.996	146.8473	0.7966
44.313	146.8473	0.802
44.376	146.8473	0.8047
44.564	146.8473	0.802
44.584	146.8473	0.802
44.614	149.3107	0.8047
45.996	149.3107	0.8263
46.336	149.3107	0.8317
46.541	149.3107	0.829
46.65	154.5113	0.8344
47.996	155.3324	0.8547
48.297	155.3324	0.8601
48.527	155.3324	0.8614
49.996	159.7119	0.8844
50.325	159.7119	0.8911
50.564	159.7119	0.8884
50.587	166.8284	0.8911
51.996	166.8284	0.9114
52.9	172.4395	0.9263
53.996	173.945	0.9425
54.307	173.945	0.9479
54.499	173.945	0.9465
55.913	181.0615	0.9695
55.995	181.0615	0.9695
56.362	181.0615	0.9762
56.512	181.0615	0.9762
56.556	183.9355	0.9776
57.995	183.9355	1.0005
58.316	183.9355	1.0059

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
71.994	49.99784	0.9129
72.935	52.12716	0.92565
73.74	52.12716	0.93619
73.909	52.12716	0.93381
73.994	52.12716	0.93857
74.767	54.09267	0.94775
75.967	56.26293	0.96424
75.994	56.26293	0.96424
77.155	57.94181	0.97818
77.994	59.08836	0.98872
79.11	61.21767	1.00266
79.823	61.21767	1.01201
79.921	61.21767	1.01201
79.993	61.50431	1.0132
80.596	63.63362	1.02136
81.99	65.76293	1.03768
81.993	65.76293	1.03887
82.983	67.72845	1.05179
83.993	68.75216	1.06352
84.826	70.88147	1.07525
85.993	72.27371	1.088
86.65	74.40302	1.09854
87.981	76.53233	1.11384
87.993	77.1056	1.11384
89.633	79.23491	1.13492
89.717	79.23491	1.13713
89.863	79.23491	1.13832
89.993	79.23491	1.13951
90.284	80.50431	1.14189
91.309	82.63362	1.156
91.992	83.0431	1.16416
92.664	85.17241	1.17232
93.606	87.30172	1.18286
93.992	87.71121	1.18983
94.823	89.84052	1.20037
95.972	91.96983	1.21448
95.992	92.09267	1.21448
96.844	94.22198	1.22621
97.968	96.35129	1.23913
97.992	96.35129	1.24032
98.747	98.31681	1.24848
99.608	100.4461	1.26021
99.992	100.7328	1.26616
100.82	102.8621	1.2767
101.92	104.9914	1.29081
101.99	105.1142	1.29081
102.72	107.2435	1.29897
103.61	109.3319	1.3107
103.73	109.3319	1.31308
103.98	109.3319	1.31546
103.99	109.6185	1.31546
105.34	111.7478	1.33195

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
43.996	234.5727	0.43575
45.996	236.607	0.45654
47.566	244.7443	0.47166
47.996	244.7443	0.47635
49.626	251.7862	0.49336
49.996	251.7862	0.49714
51.622	256.1678	0.51324
51.996	256.1678	0.51702
53.817	264.3051	0.53592
53.996	264.3051	0.53781
55.915	269.6256	0.55671
55.995	269.6256	0.55762
57.995	274.0072	0.5775
59.091	282.1445	0.58884
59.218	282.1445	0.58975
59.685	282.1445	0.59542
59.995	282.1445	0.59829
61.898	288.0909	0.61719
61.995	288.0909	0.61908
63.023	292.3161	0.62944
63.995	292.942	0.63896
65.698	300.9228	0.65597
65.995	300.9228	0.65975
67.756	307.4952	0.67676
67.994	307.4952	0.67956
69.994	313.9112	0.69944
71.994	318.7622	0.72023
73.994	321.4225	0.74102
75.019	329.5598	0.74949
75.994	332.6895	0.76083
77.994	337.0711	0.78162
79.719	345.0519	0.79772
79.993	345.0519	0.8015
81.061	350.9984	0.81095
81.993	350.9984	0.82131
83.714	358.0402	0.83832
83.993	358.0402	0.84119
85.015	363.9867	0.85253
85.993	363.9867	0.86198
87.134	370.8721	0.87332
87.993	371.3416	0.88277
89.451	379.4788	0.896
89.993	379.4788	0.90265
91.992	384.7994	0.92246
93.927	392.9366	0.94234
93.992	392.9366	0.94325
95.165	398.2572	0.95557
95.992	399.822	0.96404
97.91	407.8028	0.98294
97.992	407.8028	0.98392
99.663	413.7493	1.00093
99.992	413.7493	1.00471

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
7.725	33.64543	0.06685
7.7459	33.64543	0.06615
7.7837	33.64543	0.0675
7.8191	33.64543	0.0675
7.9757	33.64543	0.0648
7.9976	33.64543	0.06415
7.9993	33.64543	0.06415
8.0164	33.64543	0.06415
8.0279	33.64543	0.06415
8.0396	33.64543	0.0628
8.0686	33.64543	0.0621
8.0962	33.64543	0.0621
8.2227	34.45477	0.0682
9.6511	34.45477	0.07965
9.7033	34.45477	0.07965
9.7319	34.45477	0.08035
9.7528	34.45477	0.07965
9.7748	34.45477	0.081
9.7943	34.45477	0.081
9.8641	34.45477	0.08035
9.9992	34.45477	0.081
10.157	34.45477	0.081
10.198	34.45477	0.081
10.218	34.45477	0.08035
10.236	34.45477	0.08035
10.25	34.45477	0.07965
10.26	34.45477	0.079
10.291	34.45477	0.079
10.335	36.88279	0.08235
11.576	43.01065	0.09315
11.627	43.01065	0.09385
11.683	43.01065	0.09315
11.732	43.01065	0.09385
11.801	43.01065	0.0945
11.835	43.01065	0.09315
11.919	43.01065	0.09315
11.951	43.01065	0.09315
11.968	43.01065	0.09315
11.981	43.01065	0.09315
11.994	43.01065	0.0925
11.999	44.28247	0.09315
12.006	44.28247	0.09315
12.136	44.28247	0.09585
13.645	44.28247	0.1087
13.685	44.28247	0.108
13.741	44.28247	0.108
13.821	44.28247	0.10935
13.912	44.28247	0.10735
13.937	44.28247	0.10735
13.955	44.28247	0.10735
13.97	44.28247	0.10665
13.999	44.28247	0.1087

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
58.461	183.9355	1.0073
58.546	183.9355	1.0046
58.57	183.9355	1.0046
58.592	190.5046	1.0073
59.995	190.9152	1.0289
61.995	196.1158	1.0572
63.565	203.2323	1.0802
63.995	203.2323	1.0869
64.525	207.4749	1.0937
65.995	207.4749	1.1166
66.545	212.6754	1.1234
67.994	212.6754	1.145
68.33	212.6754	1.1504
68.51	212.6754	1.149
69.331	219.2446	1.1652
69.994	219.2446	1.1747
70.3	219.2446	1.1814
70.403	219.2446	1.1774
70.512	219.2446	1.1774
70.557	219.2446	1.1801
71.994	219.2446	1.203
72.342	219.2446	1.2071
72.496	219.2446	1.2071
72.534	226.3611	1.2084
73.994	226.3611	1.2314
74.341	226.3611	1.2368
74.49	226.3611	1.2368
74.566	233.4777	1.2395
74.68	233.4777	1.2409
75.151	233.4777	1.2476
75.994	233.4777	1.2611
76.727	240.0468	1.2706
77.994	240.0468	1.2895
78.296	240.0468	1.2962
78.377	240.0468	1.2976
78.548	240.0468	1.2935
78.569	240.0468	1.2949
78.601	247.1633	1.2989
79.33	247.1633	1.3097
79.665	247.1633	1.3138
79.993	247.1633	1.3178
80.377	247.1633	1.3246
80.484	247.1633	1.3246
80.52	250.4479	1.3273
81.993	253.5956	1.3475
82.29	253.5956	1.3529
82.498	253.5956	1.3543
82.565	260.849	1.3556
82.672	260.849	1.357
83.993	260.849	1.3759
84.35	260.849	1.3826
84.479	260.849	1.3813

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
105.99	113.3039	1.3413
106.58	115.4332	1.34827
106.67	115.4332	1.34946
106.87	115.4332	1.35184
107.6	117.5216	1.36119
107.7	117.5216	1.36595
107.95	117.5216	1.36476
107.99	117.972	1.36595
108.9	120.0603	1.37768
109.85	122.1897	1.3872
109.92	122.1897	1.3906
109.99	122.1897	1.38941
110.02	122.8858	1.39179
111.09	125.0151	1.40471
111.77	125.0151	1.41304
111.89	125.0151	1.41423
111.99	126.1207	1.41542
112.29	128.25	1.41882
113.2	130.3793	1.43191
113.99	131.4849	1.44364
114.66	133.6142	1.45061
115.52	135.7026	1.46132
115.99	135.8664	1.4671
116.58	137.9547	1.47543
117.43	140.0841	1.48478
117.79	140.0841	1.48954
117.94	140.0841	1.49073
117.99	140.903	1.49311
118.6	143.0323	1.50008
119.58	145.1207	1.51198
119.99	145.4073	1.51657
120.44	147.5366	1.52371
121.23	149.625	1.53323
121.99	150.7716	1.54258
122.5	152.8599	1.55091
123.41	154.9892	1.56026
123.99	155.5216	1.5674
124.35	157.6509	1.57199
125.2	159.7802	1.58389
125.75	159.7802	1.58865
125.86	159.7802	1.58984
125.99	160.722	1.59443
126.28	162.8513	1.59681
127.35	164.9397	1.6099
127.73	164.9397	1.6133
127.86	164.9397	1.61687
127.93	167.069	1.61925
127.99	167.069	1.61806
128.69	168.3384	1.62758
129.33	170.4267	1.63574
129.99	171.6961	1.64407
130.52	173.7845	1.6524

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
101.09	419.6958	1.01605
101.99	419.6958	1.02452
103.99	422.669	1.04531
104.5	430.8063	1.05007
104.93	430.8063	1.05385
105	430.8063	1.05476
105.99	430.8063	1.06421
107.13	436.1268	1.07653
107.99	437.6917	1.08507
109.99	441.2909	1.10586
111.11	449.4281	1.11622
111.99	449.4281	1.12567
113.3	456.3135	1.1389
113.99	456.3135	1.14555
115.12	462.7294	1.1578
115.99	462.7294	1.16634
117.55	468.05	1.18237
117.99	468.05	1.18615
119.99	473.214	1.20694
121.78	481.1948	1.22584
121.99	481.1948	1.22773
123.99	486.5153	1.24761
125.99	490.1145	1.26742
127.12	498.2518	1.27876
127.99	498.2518	1.2873
129.11	505.1372	1.29864
129.99	505.1372	1.30809
131.72	511.3966	1.32608
131.99	511.3966	1.32888
133.13	517.3431	1.34022
133.99	517.3431	1.34876
135.3	525.1674	1.36199
135.99	525.1674	1.36955
137.05	530.0185	1.37991
137.99	530.0185	1.38936
139.15	534.7131	1.40168
139.99	535.1825	1.41015
140.94	535.1825	1.4196
141.02	535.1825	1.41869
141.31	543.1633	1.42338
141.99	543.1633	1.43003
143.98	548.3274	1.44984
143.99	548.3274	1.45082
145.99	553.0219	1.47063
147.39	561.0027	1.48484
147.99	561.0027	1.4896
148.91	561.0027	1.50094
149.02	561.0027	1.49996
149.13	565.6973	1.50283
149.99	567.2622	1.5113
150.88	567.2622	1.52173
151.07	567.2622	1.52075

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
14.88	49.94785	0.11545
15.612	49.94785	0.1222
15.656	49.94785	0.12285
15.697	49.94785	0.12355
15.737	49.94785	0.12285
15.767	49.94785	0.12285
15.798	49.94785	0.12355
15.831	49.94785	0.1242
15.999	49.94785	0.12355
16.037	49.94785	0.12285
16.059	49.94785	0.1222
16.072	49.94785	0.1222
16.089	49.94785	0.1222
16.1	49.94785	0.1215
16.153	49.94785	0.1249
17.37	54.8039	0.13365
17.639	54.8039	0.13705
17.861	54.8039	0.135
17.999	54.8039	0.1384
19.681	54.8039	0.1519
19.799	54.8039	0.1519
19.867	54.8039	0.15055
19.888	54.8039	0.14985
19.903	59.19746	0.15055
19.914	59.19746	0.1512
19.998	59.19746	0.15325
20.729	61.62548	0.15865
21.698	61.62548	0.1654
21.807	61.62548	0.1654
21.998	61.62548	0.16745
22.606	66.13466	0.17215
23.604	66.13466	0.18025
23.644	66.13466	0.18095
23.676	66.13466	0.18095
23.71	66.13466	0.18095
23.752	66.13466	0.1816
23.777	66.13466	0.1816
23.809	66.13466	0.1816
23.851	66.13466	0.1816
23.983	66.13466	0.18095
23.998	66.13466	0.18095
24.028	66.13466	0.18095
24.051	66.13466	0.18025
24.067	66.13466	0.18095
24.08	66.13466	0.18025
24.092	66.13466	0.1796
24.109	66.13466	0.1796
24.562	68.90954	0.18565
25.652	68.90954	0.1951
25.734	68.90954	0.19445
25.859	68.90954	0.19375
25.88	68.90954	0.1931

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
84.563	263.5861	1.3826
85.993	263.9967	1.4056
87.923	271.1133	1.4326
87.993	271.5238	1.4353
88.288	271.5238	1.442
88.505	271.5238	1.4393
89.94	278.6404	1.4636
89.993	278.6404	1.4636
90.27	278.6404	1.4677
90.5	278.6404	1.4704
91.992	281.3775	1.492
92.331	281.3775	1.496
92.51	281.3775	1.4974
92.552	288.4941	1.4987
93.992	288.9047	1.5204
94.527	296.0212	1.5285
95.992	296.0212	1.5501
96.312	296.0212	1.5555
96.517	296.0212	1.5541
96.536	303.0009	1.5555
97.992	303.9589	1.5784
98.54	310.9386	1.5865
99.992	313.2652	1.6081
100.25	313.2652	1.6122
100.5	313.2652	1.6149
101.9	320.3817	1.6365
101.99	320.3817	1.6378
102.27	320.3817	1.6419
102.33	320.3817	1.6432
102.54	320.3817	1.6405
102.56	320.3817	1.6432
103.82	326.4034	1.6635
103.99	326.4034	1.6662
104.31	326.4034	1.6702
104.47	326.4034	1.6702
104.51	329.688	1.6729
105.99	330.0985	1.6945
107.17	337.2151	1.7121
107.99	337.2151	1.7242
108.3	337.2151	1.731
108.53	337.2151	1.7283
108.55	343.7842	1.731
109.99	343.7842	1.7539
110.3	343.7842	1.758
110.53	343.7842	1.758
110.55	349.3953	1.7607
111.99	349.3953	1.7823
112.29	349.3953	1.7877
112.49	349.3953	1.7877
112.54	355.417	1.7904
113.99	357.1962	1.812
114.28	357.1962	1.816

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.3	175.9138	1.66175
131.99	177.1832	1.66889
132.7	179.2716	1.67841
133.44	181.3599	1.68895
133.99	182.2198	1.6949
134.16	184.3082	1.69728
134.22	184.3082	1.69966
134.5	184.3082	1.70204
135.2	186.4375	1.7102
135.71	186.4375	1.71734
135.93	186.4375	1.71853
135.99	187.6659	1.71972
136.42	189.7953	1.72567
137.12	191.8836	1.73519
137.77	191.8836	1.74335
137.93	191.8836	1.74335
137.97	193.972	1.74454
137.99	193.972	1.74692
138.64	195.9375	1.75406
139.58	198.0259	1.76596
139.75	198.0259	1.77055
139.9	198.0259	1.76936
139.99	198.1897	1.77055
140.14	200.278	1.77293
141.23	202.3664	1.78721
141.99	203.5129	1.79554
142.06	205.6013	1.79792
142.55	207.7306	1.803496
142.63	209.819	1.805264
142.68	211.9483	1.801592
142.72	214.0776	1.805264
142.76	216.2069	1.832872
142.79	218.3362	1.836544
142.83	220.4246	1.841984
142.86	222.5539	1.841984
142.89	224.6832	1.845656
142.93	226.8125	1.875032
142.97	228.9418	1.898968
143.01	231.0302	1.915424
143.04	233.1595	1.924672
143.08	235.2888	1.921
143.1	237.4181	1.924672
143.14	239.5474	1.955816
143.17	241.6767	1.961392
143.2	243.7651	1.961392
143.22	245.8944	1.965064
143.25	248.0237	1.99444
143.27	250.153	2.001784
143.29	252.2823	2.001784
143.32	254.3707	2.005456
143.34	256.5	2.034832
143.36	258.6293	2.040272

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
151.99	570.8614	1.53118
153.99	572.2697	1.55099
155.19	580.407	1.56422
155.99	580.407	1.57276
157.99	581.6589	1.59166
159.11	589.6397	1.60391
159.99	589.6397	1.61245
160.9	589.6397	1.6219
161.01	589.6397	1.6219
161.99	592.1435	1.63415
162.9	592.1435	1.64171
162.99	592.1435	1.64269
163.99	594.1778	1.65305
165.1	602.1586	1.66439
165.99	602.1586	1.67293
167.37	608.418	1.68805
167.99	608.418	1.69372
169.99	609.2005	1.71451
171.91	617.1812	1.73341
171.99	617.1812	1.73439
173.99	619.0591	1.7542
175.99	623.1277	1.77499
177.99	623.1277	1.79487
179.99	624.3796	1.81657
181.39	632.3604	1.8298
181.99	632.3604	1.83645
182.84	632.3604	1.84492
182.99	632.3604	1.84492
183.99	632.3604	1.85626
184.9	632.3604	1.86571
184.99	632.3604	1.86571
185.98	632.3604	1.87705
187.71	636.5855	1.89406
187.98	636.5855	1.89693
189.14	639.0893	1.90827
189.98	639.0893	1.91674
191.15	646.4442	1.92906
191.98	646.4442	1.9376
193.98	647.2266	1.95741
195.98	649.2609	1.9782
197.31	657.0852	1.99143
197.98	657.0852	1.99808
198.85	657.0852	2.00844
198.89	657.0852	2.00844
198.94	657.0852	2.00942
199.07	657.0852	2.00844
199.12	657.0852	2.00753
199.13	657.0852	2.00753
199.98	658.963	2.01789
200.86	658.963	2.02832
201	658.963	2.02832
201.8	658.963	2.03679

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
25.998	70.52822	0.19645
27.627	70.52822	0.2093
27.67	70.52822	0.20995
27.707	70.52822	0.20995
27.738	70.52822	0.21065
27.762	70.52822	0.2113
27.784	70.52822	0.21065
27.808	70.52822	0.20995
27.998	70.52822	0.20995
28.02	70.52822	0.20995
28.042	70.52822	0.20995
28.062	70.52822	0.2093
28.076	70.52822	0.2093
28.087	70.52822	0.2086
28.103	70.52822	0.2086
28.259	75.84674	0.21265
29.665	75.84674	0.22415
29.71	75.84674	0.2248
29.809	75.84674	0.22345
29.861	75.84674	0.2228
29.887	75.84674	0.2228
29.906	75.84674	0.2228
29.998	77.3498	0.2255
31.221	83.47766	0.23425
31.613	83.47766	0.239
31.668	83.47766	0.2383
31.726	83.47766	0.23965
31.767	83.47766	0.239
31.885	83.47766	0.23765
31.913	83.47766	0.23765
31.927	83.47766	0.2363
31.939	83.47766	0.23695
31.951	83.47766	0.23765
31.997	83.47766	0.239
33.63	83.47766	0.2525
33.683	83.47766	0.2525
33.722	83.47766	0.25315
33.75	83.47766	0.25315
33.783	83.47766	0.25315
33.808	83.47766	0.25385
33.952	83.47766	0.25315
33.976	83.47766	0.2525
33.996	83.47766	0.2525
33.997	83.47766	0.2525
34.013	83.47766	0.2525
34.023	83.47766	0.2525
34.033	83.47766	0.2518
34.211	88.68056	0.25585
35.661	88.68056	0.268
35.731	88.68056	0.26735
35.869	88.68056	0.266
35.883	88.68056	0.266

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
114.48	357.1962	1.8174
114.52	364.3127	1.8174
115.99	364.3127	1.8404
116.5	371.2924	1.8498
117.99	371.2924	1.8687
118.3	371.2924	1.8755
118.5	371.2924	1.8755
118.54	376.3561	1.8755
119.99	376.3561	1.8971
120.35	376.3561	1.9038
120.49	376.3561	1.9025
120.52	382.5147	1.9025
121.99	387.989	1.9281
122.26	387.989	1.9322
122.35	387.989	1.9308
122.48	387.989	1.9308
122.5	387.989	1.9349
123.79	395.1055	1.9538
123.99	396.4741	1.9565
124.25	396.4741	1.9619
124.49	396.4741	1.9646
125.99	400.1692	1.9862
126.3	400.1692	1.9902
126.51	400.1692	1.9889
126.55	407.1489	1.9916
127.99	410.844	2.0145
128.3	410.844	2.0213
128.49	410.844	2.0226
128.89	417.9606	2.0267
129.99	420.6977	2.0429
130.26	420.6977	2.0496
130.51	420.6977	2.0483
131.99	423.8454	2.0726
132.28	423.8454	2.078
132.43	423.8454	2.078
133.79	430.8251	2.0982
133.99	430.8251	2.1009
134.28	430.8251	2.1063
134.53	430.8251	2.105
134.55	435.4783	2.1077
135.99	435.4783	2.1293
136.27	435.4783	2.1361
136.33	435.4783	2.1374
136.49	435.4783	2.1347
136.52	435.4783	2.1347
136.54	442.0474	2.1374
136.91	442.0474	2.1415
137.38	442.0474	2.1509
137.99	442.0474	2.159
138.3	442.0474	2.1658
138.5	442.0474	2.1631
138.52	446.1531	2.1658

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
143.39	260.7586	2.042176
143.41	262.8879	2.042176
143.43	264.9763	2.073456
143.45	267.1056	2.08624
143.47	269.2349	2.111944
143.49	271.3642	2.121192
143.51	273.4935	2.121192
143.52	275.5819	2.121192
143.54	277.7112	2.150568
143.56	279.8405	2.15968
143.58	281.9698	2.157912
143.59	284.0991	2.157912
143.61	286.1875	2.192728
143.63	288.3168	2.198304
143.64	290.4461	2.1964
143.66	292.5754	2.1964
143.68	294.7047	2.201976
143.7	296.7931	2.22768
143.71	298.9224	2.231352
143.73	301.0517	2.238696
143.74	303.181	2.242368
143.76	305.3103	2.271744
143.78	307.3987	2.277184
143.79	309.528	2.275416
143.8	311.6573	2.279088
143.82	313.7866	2.310232
143.83	315.9159	2.31948
143.85	318.0453	2.321248
143.86	320.1336	2.326824
143.88	322.2629	2.348856
143.89	324.3922	2.357968
143.91	326.5216	2.3562
143.92	328.6509	2.389248
143.93	330.7392	2.396592
143.95	332.8685	2.396592
143.96	334.9978	2.424064
143.97	337.1272	2.427736
143.98	339.2565	2.43508
143.99	339.7888	2.433312
144	341.9181	2.436984
144.01	344.0474	2.46636
144.02	346.1767	2.475608
144.04	348.306	2.477376
144.05	350.3944	2.473704
144.06	352.5237	2.473704
144.07	354.653	2.477376
144.08	356.7823	2.482952
144.09	358.9116	2.495736
144.1	361	2.506752
144.12	363.1293	2.516
144.13	365.2586	2.512328
144.14	367.3879	2.516

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
201.98	658.963	2.03868
202.89	658.963	2.04722
202.95	658.963	2.04813
203.98	658.963	2.05947
205.12	663.8141	2.0699
205.98	663.8141	2.07935
206.88	663.8141	2.08971
207.04	663.8141	2.08971
207.98	663.8141	2.10014
208.87	663.8141	2.10959
209	663.8141	2.10959
209.98	666.6309	2.11995
210.83	666.6309	2.1294
211.08	666.6309	2.13136
211.98	666.6309	2.13983
212.87	666.6309	2.15026
213.02	666.6309	2.15026
213.33	672.1079	2.15404
213.61	672.1079	2.15684
213.98	672.1079	2.16062
214.89	672.1079	2.17007
214.99	672.1079	2.17105
215.98	672.1079	2.17952
216.9	672.1079	2.19086
216.97	672.1079	2.18995
217.98	672.1079	2.20129
218.87	672.1079	2.20976
219.06	672.1079	2.21074
219.98	672.1079	2.2211
220.89	672.1079	2.23055
220.99	672.1079	2.23153
221.98	672.1079	2.24189
222.88	672.1079	2.25134
222.99	672.1079	2.25134
223.98	672.1079	2.26177
224.86	672.1079	2.27213
225.03	672.1079	2.27122
225.98	672.1079	2.28158
227.15	676.646	2.2939
227.98	676.646	2.30237
228.86	676.646	2.3128
229.04	676.646	2.3128
229.98	676.646	2.32316
230.86	676.646	2.3317
231.02	676.646	2.33359
231.98	676.646	2.34304
232.92	676.646	2.35347
232.99	676.646	2.35249
233.98	676.646	2.36292
234.9	676.646	2.37237
235.03	676.646	2.37517
235.98	676.646	2.38371

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
35.997	91.10859	0.2687
37.558	97.23645	0.2815
37.586	97.23645	0.2815
37.626	97.23645	0.2822
37.657	97.23645	0.2822
37.689	97.23645	0.28285
37.72	97.23645	0.28285
37.746	97.23645	0.2822
37.778	97.23645	0.28285
37.801	97.23645	0.28355
37.997	97.23645	0.2822
38.021	97.23645	0.2822
38.049	97.23645	0.2822
38.062	97.23645	0.2822
38.08	97.23645	0.2822
38.091	97.23645	0.2822
38.101	97.23645	0.2815
38.142	97.23645	0.28355
38.861	100.3582	0.2896
39.591	100.3582	0.2957
39.635	100.3582	0.29705
39.663	100.3582	0.29705
39.687	100.3582	0.29635
39.724	100.3582	0.29705
39.746	100.3582	0.2977
39.766	100.3582	0.29705
39.804	100.3582	0.29705
39.997	100.3582	0.29705
40.037	100.3582	0.29705
40.06	100.3582	0.29705
40.088	100.3582	0.29705
40.1	100.3582	0.29635
40.114	100.3582	0.29635
40.128	100.3582	0.29635
40.158	100.3582	0.29635
40.398	102.7862	0.3011
41.624	102.7862	0.3099
41.671	102.7862	0.31125
41.766	102.7862	0.3119
41.864	102.7862	0.3099
41.89	102.7862	0.3099
41.903	102.7862	0.3092
41.997	104.8674	0.3119
43.629	104.8674	0.32475
43.732	104.8674	0.3261
43.835	104.8674	0.32475
43.876	104.8674	0.32405
43.891	110.8796	0.32405
43.904	110.8796	0.32475
43.996	110.8796	0.32675
45.303	114.117	0.3362
45.595	114.117	0.34025

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.99	446.4268	2.1887
140.3	446.4268	2.1941
140.5	446.4268	2.1928
140.53	453.5434	2.1955
141.99	453.9539	2.2171
142.54	460.9336	2.2252
143.99	460.9336	2.2454
144.3	460.9336	2.2508
144.39	460.9336	2.2522
145.99	462.5759	2.2751
146.24	462.5759	2.2819
146.28	462.5759	2.2819
146.5	462.5759	2.2792
146.52	462.5759	2.2792
147.99	463.9445	2.3035
148.26	463.9445	2.3102
148.31	463.9445	2.3102
148.48	463.9445	2.3075
148.51	463.9445	2.3089
148.54	470.9242	2.3129
148.67	470.9242	2.3143
149.99	470.9242	2.3332
150.29	470.9242	2.3399
150.5	470.9242	2.3386
150.53	470.9242	2.3399
151.77	470.9242	2.3575
151.99	470.9242	2.3629
152.25	470.9242	2.3669
152.47	470.9242	2.3669
152.55	475.3036	2.3696
153.99	475.3036	2.3899
154.3	475.3036	2.3966
154.46	475.3036	2.3953
154.5	480.9147	2.398
155.99	480.9147	2.4209
156.25	480.9147	2.425
156.47	480.9147	2.425
157.47	487.2101	2.4412
157.99	487.2101	2.4493
158.26	487.2101	2.452
158.51	487.2101	2.4534
158.53	492.4107	2.4561
159.99	492.4107	2.4777
160.28	492.4107	2.4831
160.47	492.4107	2.4831
160.53	495.011	2.4858
161.99	495.011	2.506
162.26	495.011	2.5114
162.51	495.011	2.5114
162.54	500.4852	2.5155
163.99	500.4852	2.5357
164.24	500.4852	2.5398

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
144.15	369.5172	2.547144
144.16	371.6056	2.554488
144.17	373.7349	2.55272
144.18	375.8642	2.556392
144.19	377.9935	2.585768
144.2	380.1228	2.596784
144.22	382.2112	2.624256
144.23	384.3405	2.6316
144.24	386.4698	2.633504
144.25	388.5991	2.664648
144.26	390.7284	2.673896
144.27	392.8168	2.673896
144.28	394.9461	2.670224
144.29	397.0754	2.670224
144.3	399.2047	2.703272
144.31	401.3341	2.712384
144.33	403.4224	2.712384
144.33	405.5517	2.708712
144.35	407.681	2.710616
144.35	409.8103	2.716056
144.37	411.9397	2.71796
144.38	414.028	2.743664
144.39	416.1573	2.752776
144.4	418.2866	2.751008
144.41	420.4159	2.752776
144.42	422.5453	2.776712
144.43	424.6336	2.784056
144.44	426.7629	2.789496
144.45	428.8922	2.789496
144.46	431.0216	2.793168
144.47	433.1509	2.820776
144.48	435.2392	2.829888
144.49	437.3685	2.82812
144.5	439.4978	2.831792
144.51	441.6272	2.862936
144.52	443.7565	2.868512
144.53	445.8448	2.868512
144.54	447.9741	2.890544
144.55	450.1034	2.90156
144.56	452.2328	2.905232
144.57	454.3621	2.907136
144.58	456.4914	2.910808
144.59	458.5797	2.940184
144.6	460.7091	2.947528
144.61	462.8384	2.947528
144.62	464.9677	2.9512
144.63	467.097	2.978672
144.64	469.1853	2.986016
144.65	471.3147	2.986016
144.66	473.444	2.991592
144.67	475.5733	3.019064
144.68	477.7026	3.02464

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
236.85	676.646	2.39316
236.9	676.646	2.39407
237.06	676.646	2.39218
237.09	676.646	2.39316
237.14	682.5924	2.39505
237.98	682.5924	2.40352
238.85	682.5924	2.41395
239.08	682.5924	2.41395
239.98	682.5924	2.42431
240.9	682.5924	2.43474
241.02	682.5924	2.43474
241.14	682.5924	2.43565
241.84	682.5924	2.44321
241.98	682.5924	2.44419
242.83	682.5924	2.45364
242.92	682.5924	2.45455
243.02	682.5924	2.45364
243.06	682.5924	2.45455
243.98	682.5924	2.464
244.85	682.5924	2.47443
245.05	682.5924	2.47443
245.98	682.5924	2.48479
246.85	682.5924	2.49522
247	682.5924	2.49522
247.98	682.5924	2.50558
248.83	682.5924	2.51601
248.87	682.5924	2.51503
249.09	682.5924	2.51412
249.11	682.5924	2.51601
249.98	682.5924	2.52546
250.83	682.5924	2.53582
250.88	682.5924	2.5368
250.93	682.5924	2.53582
251.06	682.5924	2.53582
251.09	682.5924	2.53393
251.11	682.5924	2.53491
251.14	687.4435	2.5368
251.39	687.4435	2.54058
251.98	687.4435	2.54625
252.83	687.4435	2.5557
253.06	687.4435	2.55661
253.98	687.4435	2.56515
254.84	687.4435	2.5746
254.88	687.4435	2.57649
254.94	687.4435	2.57747
255.1	687.4435	2.57558
255.12	687.4435	2.57558
255.14	687.4435	2.57649
255.17	687.6	2.57838
255.44	687.6	2.58125
255.98	687.6	2.58692
256.84	671.0125	2.59637

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
45.626	114.117	0.34095
45.658	114.117	0.3423
45.684	114.117	0.34095
45.705	114.117	0.34025
45.728	114.117	0.34025
45.75	114.117	0.3416
45.783	114.117	0.3423
45.812	114.117	0.34095
45.996	114.117	0.34095
46.038	114.117	0.34095
46.062	114.117	0.34025
46.083	114.117	0.3396
46.099	114.117	0.34025
46.112	114.117	0.3396
46.122	114.117	0.3396
46.133	114.117	0.3389
46.173	114.117	0.3416
46.799	117.7012	0.3477
47.602	117.7012	0.3531
47.67	117.7012	0.35445
47.705	117.7012	0.35445
47.8	117.7012	0.35375
47.875	117.7012	0.35445
47.901	117.7012	0.35375
47.917	117.7012	0.3531
47.934	117.7012	0.3531
47.996	117.7012	0.3558
49.236	123.3666	0.36455
49.568	123.3666	0.36795
49.642	123.3666	0.3686
49.709	123.3666	0.3693
49.763	123.3666	0.3693
49.883	123.3666	0.36795
49.903	123.3666	0.36795
49.921	123.3666	0.36725
49.933	123.3666	0.36725
49.996	123.3666	0.37065
51.651	123.3666	0.38345
51.701	123.3666	0.38345
51.744	123.3666	0.38415
51.804	123.3666	0.3828
51.87	123.3666	0.3828
51.897	123.3666	0.3828
51.917	123.3666	0.3828
51.933	123.3666	0.3821
51.996	125.679	0.3848
52.821	131.8068	0.3909
53.593	131.8068	0.39765
53.635	131.8068	0.39765
53.686	131.8068	0.3983
53.73	131.8068	0.3983
53.787	131.8068	0.399

UCS Test Results@ 28 days, Stage Four

S2N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
164.43	500.4852	2.5425
165.43	506.9175	2.5573
165.99	506.9175	2.5654
166.25	506.9175	2.5708
166.5	506.9175	2.5695
166.65	513.8972	2.5735
167.99	513.8972	2.5924
168.29	513.8972	2.5992
168.44	513.8972	2.5992
168.52	518.0029	2.6019
169.99	518.2766	2.6235
170.25	518.2766	2.6289
170.48	518.2766	2.6275
170.54	525.2563	2.6302
171.99	525.2563	2.6518
172.25	525.2563	2.6586
172.3	525.2563	2.6572
172.49	525.2563	2.6572
172.51	525.2563	2.6572
173.99	525.53	2.6802
174.28	525.53	2.6869
174.46	525.53	2.6856
175.6	532.5097	2.7031
175.69	532.5097	2.7058
175.86	532.5097	2.7085
175.99	532.5097	2.7112
176.23	532.5097	2.7139
176.54	532.5097	2.7167
177.99	535.5206	2.7396
178.25	535.5206	2.7423
178.45	535.5206	2.7437
179.99	539.0788	2.768
180.25	539.0788	2.7734
180.46	539.0788	2.7734
181.99	541.2685	2.7963
182.31	541.2685	2.8017
182.45	541.2685	2.8004
182.54	548.2482	2.8044
183.99	548.2482	2.826
184.24	548.2482	2.8314
184.44	548.2482	2.8301
184.53	554.2699	2.8328
185.12	554.2699	2.8436
185.98	554.2699	2.8544
186.26	554.2699	2.8598
186.48	554.2699	2.8598
187.98	554.2699	2.8841
188.25	554.2699	2.8895
188.47	554.2699	2.8895
188.52	554.8174	2.8922
189.19	554.8174	2.9003
189.98	554.8174	2.9124

S2N2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
144.69	479.7909	3.028312
144.7	481.9203	3.04844
144.71	484.0496	3.059456
144.72	486.1789	3.0668
144.74	488.3082	3.065032
144.75	490.3966	3.070472
144.76	492.5259	3.096176
144.77	494.6552	3.105424
144.77	496.7845	3.105424
144.78	498.9138	3.109096
144.8	501.0022	3.138472
144.82	503.1315	3.145816
144.83	505.2608	3.143912
144.84	507.3901	3.147584
144.85	509.5194	3.17696
144.86	511.6078	3.186208
144.87	513.7371	3.184304
144.88	515.8664	3.184304
144.89	517.9957	3.184304
144.9	520.125	3.215584
144.91	522.2134	3.224696
144.92	524.3427	3.222928
144.94	526.472	3.246728
144.95	528.6013	3.2504
144.96	530.7306	3.254072
144.98	532.819	3.257744
144.99	534.9483	3.261416
145	537.0776	3.265224
145.01	539.2069	3.296368
145.02	541.3362	3.30004
145.05	543.4246	3.301944
145.06	545.5539	3.334992
145.08	547.6832	3.342336
145.09	549.8125	3.342336
145.1	551.9418	3.37348
145.17	554.0302	3.380824
145.18	556.1595	3.379056
145.19	558.2888	3.384496
145.22	560.4181	3.413872
145.24	562.5474	3.421216
145.27	564.6767	3.419448
145.29	566.7651	3.42312
145.31	568.8944	3.437808
145.35	571.0237	3.452496
145.43	573.153	3.45984
145.46	575.2823	3.45984
145.5	577.3707	3.492888
145.62	579.5	3.500232
145.69	579.5	3.500232
145.73	579.5	3.503904
145.77	573.153	3.51492
145.79	571.0237	3.531376

S2N3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
257.11	678.8368	2.59728
257.98	678.2108	2.60673
258.8	670.23	2.61618
258.84	662.2492	2.61618
258.95	654.2685	2.61716

S2N3-2 Carbonatec

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
53.897	131.8068	0.39695
53.926	131.8068	0.39695
53.94	131.8068	0.39695
53.957	131.8068	0.39695
53.97	131.8068	0.39695
53.996	131.8068	0.399
54.378	135.3911	0.4017
55.601	135.3911	0.4125
55.647	135.3911	0.4125
55.692	135.3911	0.4125
55.726	135.3911	0.41315
55.767	135.3911	0.41385
55.8	135.3911	0.4125
55.914	135.3911	0.4125
55.939	135.3911	0.4118
55.956	135.3911	0.4118
55.975	135.3911	0.4118
55.987	135.3911	0.41115
55.995	135.3911	0.41115
56.14	138.9753	0.4145
57.63	138.9753	0.42735
57.68	138.9753	0.42665
57.725	138.9753	0.42735
57.899	138.9753	0.426
57.914	138.9753	0.4253
57.931	138.9753	0.4253
57.995	140.9408	0.428
59.061	146.9531	0.4361
59.567	146.9531	0.4415
59.607	146.9531	0.4415
59.647	146.9531	0.4422
59.686	146.9531	0.4422
59.707	146.9531	0.44285
59.728	146.9531	0.44285
59.746	146.9531	0.44285
59.765	146.9531	0.44285
59.784	146.9531	0.44355
59.833	146.9531	0.44355
59.995	146.9531	0.44285
60.081	146.9531	0.44285
60.115	146.9531	0.44285
60.144	146.9531	0.4422
60.162	146.9531	0.44285
60.177	146.9531	0.4415
60.191	146.9531	0.4415
60.198	146.9531	0.44085
60.209	146.9531	0.44085
60.224	146.9531	0.44085
60.255	146.9531	0.4422
60.381	149.3811	0.44555
61.616	149.3811	0.4564
61.687	149.3811	0.4557

UCS Test Results@ 28 days, Stage Four

S2N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
190.23	554.8174	2.9192
190.26	554.8174	2.9192
190.31	554.8174	2.9192
190.37	554.8174	2.9192
190.53	554.8174	2.9178
190.55	554.8174	2.9178
190.58	554.8174	2.9165
190.6	554.8174	2.9192
190.62	559.8811	2.9205
191.25	559.8811	2.93
191.98	559.8811	2.9421
192.27	559.8811	2.9462
192.49	559.8811	2.9475
192.52	561.5233	2.9489
193.81	561.5233	2.9678
193.98	561.5233	2.9705
194.23	561.5233	2.9759
194.27	561.5233	2.9772
194.3	561.5233	2.9772
194.5	561.5233	2.9759
194.54	561.5233	2.9759
194.55	561.5233	2.9772
194.59	561.5233	2.9786
194.97	561.5233	2.984
195.98	561.5233	2.9988
196.25	561.5233	3.0069
196.28	561.5233	3.0042
196.34	561.5233	3.0069
196.38	561.5233	3.0069
196.52	561.5233	3.0042
196.55	561.5233	3.0056
196.57	561.5233	3.0042
196.59	561.5233	3.0042
196.61	561.5233	3.0083
197.98	561.5233	3.0285
198.24	561.5233	3.0326
198.43	561.5233	3.0326
199.69	565.2185	3.0529
199.98	565.2185	3.0583
200.53	567.4082	3.0664
201.98	567.4082	3.0866
202.22	567.4082	3.0907
202.44	567.4082	3.092
202.53	574.251	3.0947
202.54	581.7782	3.0961
202.58	581.7782	3.0988
202.6	581.7782	3.0988
202.62	581.7782	3.1001
202.63	581.7782	3.1015
202.64	581.7782	3.1001
202.65	581.7782	3.1028
202.67	581.7782	3.1028

S2N2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
145.85	568.8944	3.540624
145.86	566.7651	3.540624
145.89	564.6767	3.540624
145.9	562.5474	3.540624
145.91	560.4181	3.53872
145.93	558.2888	3.53872
145.94	556.1595	3.536952
145.96	554.0302	3.540624
145.97	551.9418	3.542392
145.98	549.8125	3.555312
145.99	549.2392	3.571768
146	547.1099	3.577344
146.01	544.9806	3.579112
146.03	542.8922	3.581016
146.04	540.7629	3.60672
146.05	538.6336	3.610392
146.07	536.5043	3.617736
146.08	534.375	3.619504
146.09	532.2866	3.619504
146.1	530.1573	3.617736
146.12	528.028	3.617736
146.13	525.8987	3.619504
146.14	523.7694	3.621408
146.15	521.681	3.628752
146.16	519.5517	3.64888
146.16	517.4224	3.659896
146.17	515.2931	3.656224
146.17	513.1638	3.659896
146.18	511.0754	3.659896
146.18	508.9461	3.656224
146.19	506.8168	3.658128
146.2	504.6875	3.656224
146.2	502.5582	3.656224
146.21	500.4698	3.6618
146.22	498.3405	3.689272
146.22	496.2112	3.694848
146.23	494.0819	3.694848
146.24	491.9526	3.722456
146.25	489.8642	3.7298
146.26	487.7349	3.740816
146.27	485.6056	3.768288
146.28	483.4763	3.773864
146.29	481.347	3.775632
146.31	479.2586	3.779304
146.32	477.1293	3.781208
146.33	475	3.78488
146.35	472.8707	3.78488
146.38	470.7414	3.786648
146.41	468.653	3.788552
146.44	466.5237	3.786648
146.47	464.3944	3.79032
146.52	462.2651	3.79032

S2N3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
61.874	149.3811	0.455
61.893	149.3811	0.455
61.995	150.1904	0.45705
62.739	156.2027	0.46245
63.582	156.2027	0.47055
63.609	156.2027	0.4699
63.643	156.2027	0.47125
63.685	156.2027	0.47055
63.715	156.2027	0.47125
63.743	156.2027	0.47125
63.767	156.2027	0.4719
63.797	156.2027	0.47055
63.935	156.2027	0.47055
63.964	156.2027	0.47055
63.984	156.2027	0.47055
63.995	156.2027	0.47055
64.008	156.2027	0.4692
64.019	156.2027	0.4692
64.028	156.2027	0.4692
64.037	156.2027	0.4692
64.234	158.6307	0.47395
65.603	158.6307	0.48475
65.647	158.6307	0.48475
65.672	158.6307	0.4854
65.715	158.6307	0.4854
65.752	158.6307	0.4854
65.782	158.6307	0.4854
65.94	158.6307	0.48475
65.962	158.6307	0.48475
65.978	158.6307	0.48405
65.994	158.6307	0.48405
65.995	158.6307	0.48405
66.005	158.6307	0.4834
66.014	158.6307	0.48405
66.537	164.6429	0.49015
67.603	164.6429	0.49825
67.646	164.6429	0.4996
67.699	164.6429	0.4996
67.732	164.6429	0.4996
67.876	164.6429	0.49825
67.896	164.6429	0.49755
67.909	164.6429	0.49755
67.92	164.6429	0.49755
67.994	164.6429	0.50095
68.006	164.6429	0.50095
68.148	164.6429	0.50095
68.976	169.8458	0.5077
69.559	169.8458	0.5131
69.646	169.8458	0.51445
69.834	169.8458	0.5124
69.851	169.8458	0.5124
69.994	170.5395	0.5158

UCS Test Results@ 28 days, Stage Four

S2N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.67	581.7782	3.1015
202.68	581.7782	3.1028
202.69	581.7782	3.1042
202.7	581.7782	3.1042
202.71	581.7782	3.1042
202.72	581.7782	3.1069
202.73	581.7782	3.1055
202.74	581.7782	3.1055
202.74	581.7782	3.1069
202.75	581.7782	3.1042
202.76	581.7782	3.1028
202.77	581.7782	3.1015
202.79	581.7782	3.1001
202.9	581.7782	3.0988
202.93	581.7782	3.0988
202.96	581.7782	3.0974
202.97	581.7782	3.0974
202.99	581.7782	3.0974
203	581.7782	3.0961
203.01	581.7782	3.0947
203.02	581.7782	3.0947
203.03	581.7782	3.0961
203.04	581.7782	3.0934
203.04	581.7782	3.0934
203.05	581.7782	3.0947
203.06	581.7782	3.0934
203.06	581.7782	3.092
203.07	581.7782	3.0934
203.08	581.7782	3.0934
203.08	581.7782	3.0947
203.09	581.7782	3.0961
203.1	581.7782	3.0974
203.11	581.7782	3.1015
203.21	581.7782	3.1028
203.35	581.7782	3.1069
203.98	581.7782	3.1163
204.23	581.7782	3.1217
204.27	581.7782	3.1231
204.35	581.7782	3.1217
204.51	581.7782	3.119
204.54	581.7782	3.1204
204.55	581.7782	3.1217
204.58	581.7782	3.1244
205	581.7782	3.1298
205.98	581.7782	3.1447
206.22	581.7782	3.1487
206.45	581.7782	3.1501
207.98	581.7782	3.1717
208.26	581.7782	3.1784
208.43	581.7782	3.1784
208.47	581.7782	3.1798
209.38	581.7782	3.1933

S2N2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.58	460.1358	3.788552
146.65	458.0474	3.79032
146.74	455.9181	3.792224
146.83	453.7888	3.792224
146.95	451.6595	3.792224
147.09	449.5302	3.795896
147.21	447.4009	3.793992
147.42	445.3125	3.793992
147.67	443.1832	3.795896
147.96	441.0539	3.792224
147.99	441.0539	3.79032
148.3	438.9246	3.788552
148.71	436.8362	3.786648
149.26	434.7069	3.78488
149.9	432.5776	3.78488
149.99	432.4138	3.782976
150.63	430.3254	3.782976
151.37	428.1961	3.782976
151.99	427.2134	3.781208
153.03	425.0841	3.779304
153.99	423.8147	3.779304
155.46	421.6853	3.781208
155.99	421.3987	3.777536
157.74	419.2694	3.777536
157.99	419.2694	3.779304
159.99	417.7134	3.777536
161.99	416.1573	3.775632
162.85	414.028	3.777536
163.99	414.028	3.777536
165.99	412.6358	3.779304
167.99	411.4892	3.781208
169.99	410.6703	3.782976
171.99	409.8103	3.788552
173.99	408.6638	3.79032
175.99	408.2543	3.795896
177.99	406.9849	3.80868
179.99	406.5345	3.816024
181.99	406.2478	3.817928
183.99	404.7328	3.816024
185.98	404.2823	3.812352
187.98	403.9957	3.814256
189.98	403.7091	3.816024
191.98	402.153	3.819696
193.98	401.7435	3.82704
195.98	401.4569	3.847304
197.98	401.3341	3.852744
199.98	400.8836	3.854648
201.98	399.778	3.884024
203.98	399.4914	3.893136
205.98	399.4914	3.893136
207.98	399.2047	3.89504
209.98	399.2047	3.9134

S2N3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 Carbonatec

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
71.312	176.5518	0.52455
71.378	176.5518	0.52525
71.582	176.5518	0.5286
71.633	176.5518	0.5293
71.654	176.5518	0.52995
71.676	176.5518	0.5293
71.695	176.5518	0.5293
71.724	176.5518	0.5293
71.752	176.5518	0.52995
71.774	176.5518	0.52995
71.798	176.5518	0.52995
71.84	176.5518	0.52995
71.994	176.5518	0.5293
72.036	176.5518	0.5293
72.066	176.5518	0.5286
72.085	176.5518	0.5293
72.098	176.5518	0.5286
72.111	176.5518	0.52795
72.124	176.5518	0.5286
72.13	176.5518	0.52725
72.14	176.5518	0.52795
72.15	176.5518	0.52725
72.191	176.5518	0.52995
73.169	180.5985	0.53805
73.569	180.5985	0.5428
73.617	180.5985	0.5428
73.69	180.5985	0.5421
73.84	180.5985	0.54145
73.86	180.5985	0.54145
73.872	180.5985	0.54145
73.994	180.5985	0.54415
75.487	186.6107	0.55495
75.545	186.6107	0.5563
75.595	186.6107	0.55765
75.649	186.6107	0.55695
75.691	186.6107	0.55765
75.753	186.6107	0.55765
75.857	186.6107	0.55695
75.878	186.6107	0.5556
75.897	186.6107	0.5556
75.909	186.6107	0.5563
75.921	186.6107	0.5563
75.934	186.6107	0.55765
75.994	186.6107	0.559
77.445	191.8136	0.5691
77.553	191.8136	0.57115
77.595	191.8136	0.57115
77.634	191.8136	0.57115
77.666	191.8136	0.5718
77.694	191.8136	0.5725
77.716	191.8136	0.5725
77.754	191.8136	0.5725

UCS Test Results@ 28 days, Stage Four

S2N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
209.77	581.7782	3.2
209.88	581.7782	3.2014
209.98	581.7782	3.2027
210.24	581.7782	3.2081
210.32	581.7782	3.2095
210.49	581.7782	3.2068
210.51	581.7782	3.2068
210.53	581.7782	3.2095
210.88	581.7782	3.2149
211.98	581.7782	3.2311
212.28	581.7782	3.2365
212.43	581.7782	3.2338
212.51	581.7782	3.2378
213.98	581.7782	3.2608
214.23	581.7782	3.2648
214.34	581.7782	3.2648
214.44	581.7782	3.2662
214.48	581.7782	3.2648
215.62	583.0099	3.2851
215.98	583.0099	3.2891
216.23	583.0099	3.2945
216.41	583.0099	3.2945
217.92	587.3893	3.3175
217.98	587.3893	3.3188
218.23	587.3893	3.3242
218.33	587.3893	3.3229
218.44	587.3893	3.3229
218.47	587.3893	3.3229
218.5	591.0844	3.3242
218.84	591.0844	3.3296
219.98	591.0844	3.3459
220.24	591.0844	3.3526
220.47	591.0844	3.3526
220.5	592.3161	3.354
221.98	592.3161	3.3756
222.28	592.3161	3.3823
222.42	592.3161	3.3823
222.47	596.285	3.3837
223.14	596.285	3.3931
223.53	596.285	3.3985
223.98	596.285	3.4039
225.98	596.285	3.435
226.22	596.285	3.439
226.42	596.285	3.439
226.53	601.075	3.4417
226.77	601.075	3.4458
227.98	601.075	3.4633
228.22	601.075	3.4687
228.3	601.075	3.4687
228.43	601.075	3.466
228.46	601.075	3.4687
228.48	601.075	3.4701

S2N2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
211.98	398.9181	3.922512
213.98	397.3621	3.924416
215.98	397.1983	3.926184
217.98	397.0754	3.933528
219.98	396.9116	3.935432
221.98	396.6659	3.93176
223.98	396.7888	3.93176
225.98	396.3793	3.935432
227.98	396.3793	3.942776
229.98	396.0927	3.964808
231.98	396.0927	3.972152
233.38	393.9634	3.96848
233.98	394.0862	3.97392
235.98	394.0862	4.0052
237.98	394.0862	4.01064
239.98	393.9634	4.01064
241.98	393.9634	4.012544
243.98	393.9634	4.01064

S2N3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 Carbonatec

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
77.779	191.8136	0.5718
77.919	191.8136	0.5718
77.945	191.8136	0.5718
77.966	191.8136	0.5718
77.982	191.8136	0.57115
77.994	191.8136	0.57115
78.005	191.8136	0.57045
78.011	191.8136	0.57045
78.02	191.8136	0.57045
79.229	196.5541	0.58195
79.54	196.5541	0.586
79.582	196.5541	0.586
79.63	196.5541	0.586
79.66	196.5541	0.58665
79.695	196.5541	0.58735
79.732	196.5541	0.58735
79.755	196.5541	0.58735
79.786	196.5541	0.58665
79.922	196.5541	0.58665
79.946	196.5541	0.586
79.966	196.5541	0.5853
79.984	196.5541	0.586
79.993	196.5541	0.5853
80.004	196.5541	0.5853
80.01	196.5541	0.5853
80.019	196.5541	0.58465
80.426	200.1383	0.5907
80.463	200.1383	0.5914
80.967	200.1383	0.59475
81.578	200.1383	0.60015
81.661	200.1383	0.60015
81.791	200.1383	0.5995
81.812	200.1383	0.60015
81.993	200.4851	0.6022
82.967	206.4974	0.6096
83.555	206.4974	0.61505
83.594	206.4974	0.61505
83.629	206.4974	0.6157
83.65	206.4974	0.6164
83.688	206.4974	0.6157
83.715	206.4974	0.6157
83.747	206.4974	0.61705
83.77	206.4974	0.61705
83.792	206.4974	0.61705
83.981	206.4974	0.6157
83.993	206.4974	0.61505
84.019	206.4974	0.6157
84.033	206.4974	0.61505
84.045	206.4974	0.61435
84.059	206.4974	0.61505
84.065	206.4974	0.61435
84.073	206.4974	0.61435

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
229.98	601.075	3.493
230.19	601.075	3.4971
230.44	601.075	3.4984
230.48	603.1278	3.4984
230.66	603.1278	3.5025
231.98	603.1278	3.5214
232.21	603.1278	3.5268
232.25	603.1278	3.5268
232.47	603.1278	3.5254
232.49	603.1278	3.5254
232.51	605.1807	3.5281
233.98	605.1807	3.5497
234.2	605.1807	3.5565
234.25	605.1807	3.5565
234.3	605.1807	3.5551
234.48	605.1807	3.5538
234.51	605.1807	3.5538
234.53	605.1807	3.5565
235.98	605.1807	3.5781
236.26	605.1807	3.5848
236.43	605.1807	3.5848
236.51	609.9706	3.5875
237.98	609.9706	3.6078
238.25	609.9706	3.6132
238.43	609.9706	3.6132
238.51	614.8975	3.6159
239.04	614.8975	3.624
239.98	614.8975	3.6375
240.08	614.8975	3.6389
240.24	614.8975	3.6429
240.43	614.8975	3.6443
240.5	614.8975	3.6443
241.98	614.8975	3.6672
242.23	614.8975	3.6726
242.43	614.8975	3.6726
243.98	614.8975	3.6956
244.2	614.8975	3.701
244.27	614.8975	3.6996
244.43	614.8975	3.6983
244.46	614.8975	3.6996
244.52	621.7403	3.7037
244.84	621.7403	3.7064
245.98	621.7403	3.7239
246.2	621.7403	3.7293
246.26	621.7403	3.728
246.46	621.7403	3.7266
246.47	621.7403	3.7293
246.57	623.93	3.7334
246.82	623.93	3.7361
247.98	623.93	3.7523
248.2	623.93	3.759
248.43	623.93	3.7604

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
84.082	206.4974	0.61435
84.248	208.4629	0.6191
85.993	209.6191	0.6319
86.705	215.6314	0.63665
87.57	215.6314	0.6434
87.654	215.6314	0.64405
87.808	215.6314	0.6427
87.831	215.6314	0.6427
87.993	216.7876	0.6461
89.483	222.7998	0.6562
89.528	222.7998	0.65825
89.568	222.7998	0.65755
89.601	222.7998	0.6589
89.63	222.7998	0.6596
89.651	222.7998	0.6596
89.678	222.7998	0.6589
89.697	222.7998	0.65825
89.723	222.7998	0.66025
89.742	222.7998	0.6596
89.763	222.7998	0.66025
89.774	222.7998	0.6596
89.814	222.7998	0.6596
89.983	222.7998	0.6596
89.993	222.7998	0.6596
90.04	222.7998	0.6596
90.062	222.7998	0.6596
90.085	222.7998	0.6596
90.105	222.7998	0.6596
90.119	222.7998	0.6589
90.13	222.7998	0.6589
90.138	222.7998	0.65825
90.146	222.7998	0.6589
90.156	222.7998	0.65825
90.167	222.7998	0.6569
90.262	222.7998	0.6623
91.628	222.7998	0.6724
91.818	222.7998	0.67105
91.835	228.812	0.67175
91.839	228.812	0.6724
91.992	228.812	0.67445
92.84	230.7776	0.6812
93.565	230.7776	0.6866
93.613	230.7776	0.6886
93.646	230.7776	0.68725
93.707	230.7776	0.68795
93.749	230.7776	0.6886
93.877	230.7776	0.6866
93.899	230.7776	0.6866
93.916	230.7776	0.6866
93.933	230.7776	0.68725
93.944	230.7776	0.6866
93.992	230.7776	0.6893

UCS Test Results@ 28 days, Stage Four

S2N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
248.47	623.93	3.759
249.24	623.93	3.7712
249.98	623.93	3.782
250.28	623.93	3.7874
250.41	623.93	3.786
250.5	623.93	3.7887
251.37	623.93	3.8022
251.98	623.93	3.8103
252.21	623.93	3.8144
252.45	623.93	3.8171
252.51	623.93	3.8184
252.95	623.93	3.8238
253.98	623.93	3.84
254.21	623.93	3.8454
254.41	623.93	3.8441
255.98	623.93	3.8684
256.23	623.93	3.8738
256.39	623.93	3.8751
256.46	624.888	3.8765
257.98	624.888	3.8967
258.2	624.888	3.9035
258.24	624.888	3.9035
258.43	624.888	3.9021
258.46	624.888	3.9035
259.98	624.888	3.9264
260.21	624.888	3.9318
260.41	624.888	3.9305
261.98	624.888	3.9562
262.2	624.888	3.9602
262.41	624.888	3.9629
263.98	624.888	3.9845
264.51	625.4355	3.994
265.98	627.2146	4.0142
266.19	627.2146	4.0183
266.45	627.2146	4.0183
267.98	627.2146	4.0439
268.21	627.2146	4.048
268.42	627.2146	4.048
269.98	630.4992	4.0723
270.18	630.4992	4.0777
270.23	630.4992	4.0763
270.46	630.4992	4.075
270.48	630.4992	4.0777
270.53	637.4789	4.0804
270.79	637.4789	4.0831
271.98	637.4789	4.102
272.16	637.4789	4.1047
272.22	637.4789	4.106
272.29	637.4789	4.1074
272.46	637.4789	4.1047
272.48	637.4789	4.1047
272.5	637.4789	4.1074

S2N2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 Carbonatec

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
94.582	234.7087	0.69335
95.56	234.7087	0.7021
95.629	234.7087	0.70145
95.838	234.7087	0.70075
95.853	234.7087	0.7001
95.992	235.4024	0.70415
97.296	241.4146	0.7129
97.54	241.4146	0.7163
97.578	241.4146	0.71695
97.599	241.4146	0.71695
97.628	241.4146	0.71695
97.649	241.4146	0.71695
97.68	241.4146	0.7183
97.702	241.4146	0.7183
97.715	241.4146	0.7183
97.731	241.4146	0.7183
97.745	241.4146	0.71965
97.76	241.4146	0.7183
97.772	241.4146	0.71765
97.803	241.4146	0.71765
97.992	241.4146	0.71765
98.034	241.4146	0.71765
98.072	241.4146	0.71765
98.093	241.4146	0.71765
98.106	241.4146	0.71765
98.119	241.4146	0.71695
98.134	241.4146	0.71765
98.143	241.4146	0.71695
98.153	241.4146	0.71695
98.158	241.4146	0.7163
98.169	241.4146	0.7156
98.178	241.4146	0.7156
98.196	241.4146	0.7156
98.238	241.4146	0.72035
98.936	246.9644	0.72505
99.584	246.9644	0.73045
99.702	246.9644	0.73045
99.992	248.5831	0.7325
101.58	248.5831	0.7453
101.81	248.5831	0.74395
101.99	249.2768	0.74665
102.77	255.289	0.75275
103.56	255.289	0.76015
103.61	255.289	0.76085
103.69	255.289	0.76085
103.75	255.289	0.76085
103.83	255.289	0.7595
103.85	255.289	0.7588
103.87	255.289	0.7588
103.88	255.289	0.7588
103.99	255.289	0.76155
104.33	260.8388	0.76425

UCS Test Results@ 28 days, Stage Four

S2N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
273.98	637.4789	4.129
274.25	637.4789	4.1344
274.38	637.4789	4.133
275.98	637.4789	4.1587
276.19	637.4789	4.1654
276.25	637.4789	4.1641
276.44	637.4789	4.1614
276.46	637.4789	4.1641
276.48	638.3	4.1654
277.45	638.3	4.1803
277.98	638.3	4.1884
278.19	622.2878	4.1911
278.4	629.2675	4.1911
278.48	636.2471	4.1951
278.91	629.2675	4.2005
279.98	628.1726	4.2181
280.18	621.1929	4.2221
280.4	628.1726	4.2208
281.98	626.6672	4.2451
282.19	619.6875	4.2505
282.25	612.7078	4.2505
282.45	619.6875	4.2505
282.47	626.5303	4.2505
283.98	626.3935	4.2748
284.19	619.4138	4.2789
284.42	626.3935	4.2829
285.98	625.2986	4.3045
286.19	618.3189	4.3072
286.4	625.2986	4.3086
287.12	618.3189	4.3207
287.98	620.098	4.3329

S2N2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2 Carbonatec

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
104.38	260.8388	0.7649
104.79	260.8388	0.76695
105.55	260.8388	0.7737
105.62	260.8388	0.77505
105.82	260.8388	0.773
105.84	260.8388	0.773
105.99	262.4575	0.7764
107.39	268.3541	0.7865
107.54	268.3541	0.78855
107.58	268.3541	0.78855
107.64	268.3541	0.78855
107.72	268.3541	0.7892
107.85	268.3541	0.78855
107.87	268.3541	0.78785
107.89	268.3541	0.78785
107.9	268.3541	0.78785
107.91	268.3541	0.78855
107.99	268.3541	0.79055
109.27	273.0945	0.79935
109.54	273.0945	0.8027
109.59	273.0945	0.8027
109.65	273.0945	0.8027
109.72	273.0945	0.8034
109.85	273.0945	0.8027
109.87	273.0945	0.8027
109.88	273.0945	0.80205
109.9	273.0945	0.80205
109.91	273.0945	0.8034
109.99	273.0945	0.8054
110.58	276.6787	0.80945
111.57	276.6787	0.81755
111.81	276.6787	0.8162
111.99	277.3725	0.8196
112.89	283.3847	0.82635
113.41	283.3847	0.8304
113.5	283.3847	0.83175
113.54	283.3847	0.8324
113.59	283.3847	0.8324
113.65	283.3847	0.8324
113.83	283.3847	0.83105
113.85	283.3847	0.83105
113.86	283.3847	0.83105
113.87	283.3847	0.83175
113.94	283.3847	0.83375
113.99	283.3847	0.83375
115.24	288.9345	0.8432
115.53	288.9345	0.8466
115.56	288.9345	0.84795
115.59	288.9345	0.84725
115.63	288.9345	0.84795
115.65	288.9345	0.84795
115.67	288.9345	0.84795

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
115.69	288.9345	0.84795
115.71	288.9345	0.8493
115.73	288.9345	0.8486
115.74	288.9345	0.8486
115.75	288.9345	0.8486
115.77	288.9345	0.8493
115.79	288.9345	0.8486
115.85	288.9345	0.8486
115.99	288.9345	0.8486
116.05	288.9345	0.8486
116.08	288.9345	0.84795
116.11	288.9345	0.8486
116.13	288.9345	0.84795
116.15	288.9345	0.84795
116.16	288.9345	0.84795
116.17	288.9345	0.84725
116.18	288.9345	0.84795
116.19	288.9345	0.8466
116.2	288.9345	0.8459
116.2	288.9345	0.8466
116.21	288.9345	0.8459
116.22	288.9345	0.8466
116.28	289.6282	0.85065
117.16	295.6404	0.8567
117.24	295.6404	0.8574
117.34	295.6404	0.85875
117.99	295.6404	0.86345
118.31	297.9528	0.8655
119.55	297.9528	0.87495
119.63	297.9528	0.87695
119.68	297.9528	0.87495
119.82	297.9528	0.87495
119.84	297.9528	0.87495
119.85	297.9528	0.87425
119.99	297.9528	0.87765
120.5	303.5026	0.881
121.57	303.5026	0.89045
121.76	303.5026	0.8891
121.99	304.1963	0.8925
123	310.2085	0.89925
123.06	310.2085	0.8999
123.15	310.2085	0.9006
123.56	310.2085	0.906
123.61	310.2085	0.90465
123.67	310.2085	0.90465
123.73	310.2085	0.9053
123.82	310.2085	0.90395
123.84	310.2085	0.9033
123.86	310.2085	0.9033
123.87	310.2085	0.9033
123.88	310.2085	0.9053
123.96	310.2085	0.906

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.99	311.0179	0.90735
125.12	316.9145	0.9148
125.39	316.9145	0.9168
125.45	316.9145	0.9175
125.51	316.9145	0.91885
125.55	316.9145	0.9195
125.6	316.9145	0.9202
125.63	316.9145	0.9195
125.66	316.9145	0.9195
125.7	316.9145	0.9195
125.73	316.9145	0.9202
125.76	316.9145	0.9195
125.87	316.9145	0.91885
125.9	316.9145	0.91885
125.91	316.9145	0.91885
125.93	316.9145	0.91815
125.94	316.9145	0.91885
125.95	316.9145	0.9175
125.96	316.9145	0.91815
125.99	316.9145	0.9202
126.31	319.6894	0.92355
127.56	319.6894	0.93435
127.72	319.6894	0.933
127.99	320.73	0.9364
128.97	326.7422	0.94245
129.54	326.7422	0.9472
129.79	326.7422	0.9472
129.99	326.7422	0.95055
130.85	332.6388	0.95665
130.88	332.6388	0.95665
131.27	332.6388	0.95935
131.38	332.6388	0.96
131.49	332.6388	0.9607
131.53	332.6388	0.96205
131.61	332.6388	0.9627
131.78	332.6388	0.96205
131.81	332.6388	0.9607
131.82	332.6388	0.96205
131.93	332.6388	0.96405
131.99	332.6388	0.96405
132.59	335.7606	0.9688
133.34	335.7606	0.97485
133.47	335.7606	0.97485
133.53	335.7606	0.97555
133.56	335.7606	0.97755
133.61	335.7606	0.97755
133.64	335.7606	0.97755
133.68	335.7606	0.97755
133.72	335.7606	0.97825
133.76	335.7606	0.97755
133.85	335.7606	0.9769
133.88	335.7606	0.9769

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
133.89	335.7606	0.9769
133.91	335.7606	0.9762
133.92	335.7606	0.9762
133.94	335.7606	0.9762
133.95	335.7606	0.9769
133.95	335.7606	0.97755
133.99	335.7606	0.9789
134.55	340.8479	0.98295
134.58	340.8479	0.98365
134.77	340.8479	0.9843
135.01	340.8479	0.987
135.19	340.8479	0.987
135.56	340.8479	0.9904
135.79	340.8479	0.9904
135.99	341.1947	0.9931
136.97	347.0913	1.0005
137.16	347.0913	1.00185
137.28	347.0913	1.00255
137.99	347.0913	1.00795
139.04	352.988	1.0147
139.1	352.988	1.0167
139.16	352.988	1.0167
139.53	352.988	1.02075
139.55	352.988	1.02075
139.59	352.988	1.02145
139.62	352.988	1.02075
139.67	352.988	1.02075
139.71	352.988	1.0221
139.75	352.988	1.02075
139.9	352.988	1.02075
139.92	352.988	1.0201
139.94	352.988	1.02075
139.96	352.988	1.02075
139.97	352.988	1.0201
139.99	352.988	1.02075
139.99	352.988	1.0201
140.01	352.988	1.02145
140.03	352.988	1.02145
140.17	354.6066	1.0248
141.54	354.6066	1.03425
141.62	354.6066	1.0356
141.79	354.6066	1.0336
141.81	354.6066	1.0329
141.99	358.0752	1.0363
143.23	363.9719	1.0464
143.52	363.9719	1.0491
143.57	363.9719	1.0491
143.6	363.9719	1.0491
143.79	363.9719	1.04845
143.81	363.9719	1.04775
143.82	363.9719	1.04775
143.83	363.9719	1.0491

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
143.97	363.9719	1.05115
143.99	365.5905	1.0518
145.54	365.5905	1.0633
145.6	365.5905	1.064
145.68	365.5905	1.064
145.78	365.5905	1.0626
145.8	365.5905	1.0626
145.82	365.5905	1.0633
145.99	366.978	1.066
147.23	372.9902	1.0741
147.53	372.9902	1.0775
147.6	372.9902	1.07815
147.8	372.9902	1.0775
147.81	372.9902	1.0768
147.82	372.9902	1.0775
147.95	372.9902	1.0795
147.99	372.9902	1.0802
148.67	376.4588	1.0856
148.73	376.4588	1.08625
148.9	376.4588	1.08695
149.52	376.4588	1.09235
149.6	376.4588	1.093
149.78	376.4588	1.09235
149.8	376.4588	1.09165
149.99	378.4244	1.09505
151.53	378.4244	1.1072
151.56	378.4244	1.10785
151.59	378.4244	1.10785
151.61	378.4244	1.10785
151.67	378.4244	1.10785
151.7	378.4244	1.1072
151.83	378.4244	1.10785
151.86	378.4244	1.1072
151.88	378.4244	1.1072
151.89	378.4244	1.1065
151.9	378.4244	1.1065
151.92	378.4244	1.1065
151.99	380.6211	1.1092
152.8	386.6334	1.11595
153.51	386.6334	1.1207
153.72	386.6334	1.12135
153.73	386.6334	1.12205
153.8	386.6334	1.12135
153.99	386.6334	1.1234
155.55	386.6334	1.1362
155.78	386.6334	1.13485
155.99	390.3332	1.1389
157.53	390.3332	1.15175
157.58	390.3332	1.15105
157.63	390.3332	1.15105
157.67	390.3332	1.1504
157.82	390.3332	1.1504

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
157.84	390.3332	1.1504
157.85	390.3332	1.14905
157.87	390.3332	1.1497
157.88	396.2298	1.1504
157.89	396.2298	1.15105
157.99	396.2298	1.1531
159.22	399.8141	1.16185
159.49	399.8141	1.16525
159.53	399.8141	1.16525
159.59	399.8141	1.16525
159.65	399.8141	1.1659
159.79	399.8141	1.16455
159.81	399.8141	1.1639
159.83	399.8141	1.1639
159.84	399.8141	1.1639
159.84	399.8141	1.16525
159.94	399.8141	1.16725
159.99	399.8141	1.16795
160.84	404.092	1.17335
161.51	404.092	1.17875
161.57	404.092	1.1794
161.74	404.092	1.17875
161.77	404.092	1.17875
161.99	404.092	1.18145
162.1	405.9419	1.1828
163.5	405.9419	1.19425
163.54	405.9419	1.1936
163.58	405.9419	1.19425
163.64	405.9419	1.19425
163.83	405.9419	1.19425
163.85	405.9419	1.1936
163.87	405.9419	1.1929
163.88	405.9419	1.1929
163.99	405.9419	1.1963
164.86	411.7229	1.20235
165.52	411.7229	1.2091
165.55	411.7229	1.20845
165.58	411.7229	1.20845
165.7	411.7229	1.20845
165.77	411.7229	1.20775
165.8	411.7229	1.20845
165.83	411.7229	1.20775
165.84	411.7229	1.20845
165.85	411.7229	1.20845
165.92	411.7229	1.2098
165.99	411.7229	1.21115
167.64	411.7229	1.2233
167.75	411.7229	1.22265
167.77	416.8102	1.22195
167.78	416.8102	1.2233
167.99	416.8102	1.2267
168.89	417.5039	1.2314

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
169.5	417.5039	1.23815
169.58	417.5039	1.23815
169.64	417.5039	1.23885
169.72	417.5039	1.2375
169.79	417.5039	1.2368
169.81	417.5039	1.2368
169.83	417.5039	1.2368
169.85	417.5039	1.2375
169.99	418.1977	1.2402
170.73	424.0943	1.2449
170.75	424.0943	1.24625
171.38	424.0943	1.24965
171.4	424.0943	1.2503
171.58	424.0943	1.25235
171.73	424.0943	1.251
171.87	424.0943	1.2537
171.99	424.0943	1.25435
172.53	427.216	1.2591
172.56	427.216	1.2591
172.79	427.216	1.25975
172.86	427.216	1.2611
172.94	427.216	1.26045
173	427.216	1.2618
173.11	427.216	1.26245
173.5	427.216	1.26585
173.72	427.216	1.26515
173.74	427.216	1.26585
173.84	427.216	1.26785
173.99	427.216	1.26855
174.94	430.569	1.2753
175.5	430.569	1.28
175.59	430.569	1.28205
175.75	430.569	1.2807
175.78	430.569	1.2807
175.99	430.569	1.2834
177.55	430.569	1.2969
177.78	430.569	1.2942
177.79	436.0031	1.2942
177.8	436.0031	1.2942
177.94	436.0031	1.29755
177.99	436.0031	1.29755
178.94	437.8531	1.305
179.51	437.8531	1.30905
179.74	437.8531	1.30905
179.99	437.8531	1.3124
181.66	443.2872	1.32455
181.68	443.2872	1.32455
181.96	443.2872	1.3266
181.99	443.2872	1.3266
183.51	443.2872	1.33805
183.55	443.2872	1.3401
183.61	443.2872	1.33875

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.81	443.2872	1.33805
183.82	443.2872	1.33805
183.84	443.2872	1.3374
183.99	445.484	1.34075
185.5	445.484	1.3529
185.72	445.484	1.35225
185.98	447.7964	1.3556
187.98	451.1494	1.3705
189.39	457.046	1.37995
189.5	457.046	1.3813
189.61	457.046	1.3833
189.73	457.046	1.38265
189.76	457.046	1.3813
189.77	457.046	1.38265
189.91	457.046	1.384
189.98	457.046	1.38465
191.98	458.4334	1.3995
193.31	464.33	1.40895
193.34	464.33	1.40895
193.6	464.33	1.411
193.74	464.33	1.4103
193.76	464.33	1.4103
193.77	464.33	1.411
193.93	464.33	1.413
193.98	464.33	1.4137
194.35	465.4862	1.4157
195.5	465.4862	1.42515
195.56	465.4862	1.42585
195.6	465.4862	1.42585
195.66	465.4862	1.4272
195.79	465.4862	1.42585
195.81	465.4862	1.42515
195.83	465.4862	1.42515
195.85	465.4862	1.42585
195.98	466.5268	1.42855
197.18	472.3078	1.43595
197.2	472.3078	1.4373
197.73	472.3078	1.44
197.74	472.3078	1.43935
197.94	472.3078	1.4427
197.98	472.3078	1.4427
198.87	474.2734	1.4488
199.52	474.2734	1.4535
199.73	474.2734	1.4535
199.74	474.2734	1.45555
199.81	474.2734	1.4562
199.98	474.9671	1.4569
201.32	480.7481	1.467
201.35	480.7481	1.467
201.53	480.7481	1.46905
201.62	480.7481	1.46905
201.74	480.7481	1.46905

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
201.77	480.7481	1.46835
201.98	480.7481	1.47105
203.01	484.5636	1.47915
203.06	484.5636	1.47915
203.57	484.5636	1.4832
203.72	484.5636	1.48255
203.74	484.5636	1.48455
203.75	484.5636	1.4839
203.93	484.5636	1.48525
203.98	484.5636	1.4866
204.94	487.5697	1.49335
205.63	487.5697	1.49875
205.74	487.5697	1.49805
205.98	487.5697	1.50075
207.69	491.732	1.5129
207.7	491.732	1.5129
207.82	491.732	1.5143
207.98	492.5413	1.5156
209.49	492.5413	1.52645
209.61	492.5413	1.5271
209.7	492.5413	1.5271
209.74	492.5413	1.5271
209.98	493.9288	1.5298
210.47	493.9288	1.53455
210.67	493.9288	1.5332
211.53	493.9288	1.5406
211.69	493.9288	1.54195
211.72	499.8254	1.5406
211.73	499.8254	1.5406
211.98	499.8254	1.544
212.7	501.3285	1.5487
212.73	501.3285	1.55005
212.81	501.3285	1.55005
213.04	501.3285	1.5514
213.09	501.3285	1.5521
213.35	501.3285	1.5548
213.43	501.3285	1.5541
213.47	501.3285	1.55615
213.51	501.3285	1.55615
213.55	501.3285	1.55815
213.57	501.3285	1.5568
213.6	501.3285	1.5575
213.63	501.3285	1.5575
213.65	501.3285	1.55815
213.69	501.3285	1.55815
213.74	501.3285	1.5575
213.8	501.3285	1.55615
213.84	501.3285	1.55615
213.88	501.3285	1.5568
213.9	501.3285	1.55615
213.91	501.3285	1.5568
213.92	501.3285	1.55615

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
213.94	501.3285	1.55615
213.94	501.3285	1.55545
213.98	501.3285	1.55815
214.34	503.1784	1.56085
214.64	503.1784	1.56425
214.71	503.1784	1.56355
215.53	503.1784	1.571
215.72	503.1784	1.56895
215.98	503.4096	1.5737
217.06	509.3062	1.5811
217.49	509.3062	1.58585
217.71	509.3062	1.5845
217.72	509.3062	1.5845
217.84	509.3062	1.5865
217.98	509.3062	1.5872
219.98	513.0061	1.6027
221.51	513.0061	1.6142
221.74	513.0061	1.61285
221.98	513.0061	1.6169
222.4	517.1684	1.6189
222.47	517.1684	1.62025
222.56	517.1684	1.62025
222.65	517.1684	1.6223
222.74	517.1684	1.6216
223.48	517.1684	1.62905
223.53	517.1684	1.62835
223.78	517.1684	1.627
223.79	517.1684	1.6277
223.98	517.1684	1.63175
225.43	521.562	1.64255
225.46	521.562	1.6439
225.5	521.562	1.6432
225.55	521.562	1.64255
225.62	521.562	1.6432
225.79	521.562	1.6432
225.81	521.562	1.6432
225.82	521.562	1.6432
225.98	521.562	1.6466
225.98	521.562	1.6459
227.47	521.562	1.6574
227.51	521.562	1.65805
227.59	521.562	1.65805
227.72	521.562	1.6567
227.74	521.562	1.65605
227.76	521.562	1.6567
227.78	521.562	1.6567
227.8	521.562	1.65875
227.98	521.562	1.6594
228.52	524.9149	1.66345
228.81	524.9149	1.6655
228.9	524.9149	1.66615
229.47	524.9149	1.6709

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
229.58	524.9149	1.6716
229.64	524.9149	1.67295
229.73	524.9149	1.67225
229.98	524.9149	1.67495
231.86	530.5803	1.68845
231.89	530.5803	1.68845
231.98	530.5803	1.6898
232.08	530.5803	1.6905
232.77	530.5803	1.6952
232.86	530.5803	1.6959
233.48	530.5803	1.7006
233.52	530.5803	1.7013
233.57	530.5803	1.70195
233.61	530.5803	1.70195
233.65	530.5803	1.7013
233.77	530.5803	1.7013
233.8	530.5803	1.7006
233.83	530.5803	1.7006
233.84	530.5803	1.7006
233.86	530.5803	1.7006
233.86	530.5803	1.70195
233.98	530.5803	1.704
233.98	530.5803	1.7033
235.51	530.5803	1.7148
235.71	530.5803	1.7148
235.98	530.6959	1.7175
237.51	530.6959	1.72895
237.73	530.6959	1.72895
237.98	536.3613	1.73165
237.98	536.3613	1.73235
239.98	538.2112	1.74785
241.48	538.2112	1.75935
241.53	538.2112	1.76
241.59	538.2112	1.75935
241.68	538.2112	1.75865
241.72	538.2112	1.75935
241.74	538.2112	1.758
241.98	539.9455	1.76205
243.49	539.9455	1.77285
243.54	539.9455	1.7742
243.58	539.9455	1.77485
243.62	539.9455	1.7742
243.77	539.9455	1.7735
243.79	539.9455	1.77285
243.81	539.9455	1.7735
243.82	539.9455	1.7735
243.98	542.6048	1.77485
244.94	542.6048	1.78365
245.03	542.6048	1.7823
245.49	542.6048	1.78835
245.56	542.6048	1.7877
245.74	542.6048	1.787

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
245.75	542.6048	1.787
245.98	542.6048	1.79105
247.46	542.6048	1.8012
247.5	542.6048	1.8032
247.69	542.6048	1.8012
247.71	542.6048	1.80185
247.98	542.6048	1.8059
248.89	544.9172	1.8113
249.47	544.9172	1.8167
249.62	544.9172	1.81805
249.65	544.9172	1.8174
249.72	544.9172	1.8167
249.98	546.0734	1.8194
251.47	546.0734	1.8316
251.63	546.0734	1.8316
251.98	547.8077	1.83495
253.55	547.8077	1.84575
253.65	547.8077	1.84575
253.98	549.6576	1.84915
255.5	549.6576	1.85925
255.67	549.6576	1.8606
255.98	549.6576	1.864
256.2	553.3575	1.86465
256.28	553.3575	1.86535
256.39	553.3575	1.86535
256.48	553.3575	1.8667
256.61	553.3575	1.86735
256.64	553.3575	1.86735
256.65	553.3575	1.86805
256.8	553.3575	1.86735
257.09	553.3575	1.87075
257.46	553.3575	1.8741
257.68	553.3575	1.87345
257.7	553.3575	1.8748
257.79	553.3575	1.87615
257.98	553.3575	1.8775
259.23	557.0573	1.88625
259.26	557.0573	1.8876
259.84	557.0573	1.891
259.98	557.0573	1.89165
261.45	557.0573	1.9038
261.71	557.0573	1.90245
261.98	557.0573	1.90585
263.98	559.3697	1.92135
265.52	559.3697	1.93285
265.66	559.3697	1.93285
265.98	559.601	1.9362
267.5	559.601	1.947
267.55	559.601	1.947
267.74	559.601	1.94635
267.76	559.601	1.94635
267.98	561.7977	1.94905

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
269.47	561.7977	1.96185
269.64	561.7977	1.9632
269.65	561.7977	1.96255
269.76	561.7977	1.96255
269.98	561.7977	1.9639
271.98	563.0696	1.9794
273.98	563.3008	1.99295
274.82	569.0818	2.00035
274.9	569.0818	1.9997
275.26	569.0818	2.00305
275.45	569.0818	2.0044
275.9	569.0818	2.00845
275.98	569.0818	2.0071
277.46	569.0818	2.01925
277.52	569.0818	2.01925
277.57	569.0818	2.0186
277.69	569.0818	2.01995
277.72	569.0818	2.01925
277.73	569.0818	2.01725
277.98	569.0818	2.02195
279.45	569.0818	2.0348
279.51	569.0818	2.0341
279.69	569.0818	2.0348
279.72	569.0818	2.03345
279.98	569.0818	2.0368
280.02	569.0818	2.03615
280.27	569.0818	2.03885
280.35	569.0818	2.0402
280.55	569.0818	2.04155
280.7	569.0818	2.0422
280.81	569.0818	2.04355
280.88	569.0818	2.04355
281.14	569.0818	2.04625
281.31	569.0818	2.04625
281.33	569.0818	2.04695
281.49	569.0818	2.04625
281.53	569.0818	2.04895
281.76	569.0818	2.0503
281.85	569.0818	2.05165
281.98	569.0818	2.0503
282.42	569.0818	2.05505
282.82	569.0818	2.0564
283.09	569.0818	2.0591
283.15	569.0818	2.05975
283.24	569.0818	2.0611
283.44	569.0818	2.06315
283.47	569.0818	2.06315
283.51	569.0818	2.0645
283.53	569.0818	2.0645
283.56	569.0818	2.06515
283.59	569.0818	2.0645
283.62	569.0818	2.0638

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
283.78	569.0818	2.0638
283.81	569.0818	2.0638
283.83	569.0818	2.06315
283.85	569.0818	2.0638
283.86	569.0818	2.06315
283.87	569.0818	2.06315
283.96	569.0818	2.06585
283.98	569.0818	2.0645
285.47	569.0818	2.07595
285.68	569.0818	2.07665
285.71	569.0818	2.078
285.77	569.0818	2.07935
285.98	569.0818	2.08
287.43	569.0818	2.09215
287.67	569.0818	2.0915
287.98	569.0818	2.0942
288.74	572.0879	2.10095
288.76	572.0879	2.10025
289.46	572.0879	2.107
289.69	572.0879	2.10635
289.82	572.0879	2.10835
289.83	572.0879	2.10835
289.98	572.0879	2.1097
291.52	572.0879	2.1205
291.63	572.0879	2.1205
291.64	572.0879	2.1232
291.73	572.0879	2.1219
291.98	572.0879	2.1232
293.98	572.0879	2.1374
294.5	572.0879	2.14215
294.58	572.0879	2.14145
295.43	572.0879	2.1509
295.48	572.0879	2.1516
295.58	572.0879	2.1489
295.68	572.0879	2.14955
295.72	572.0879	2.1482
295.73	572.0879	2.14955
295.74	572.0879	2.1509
295.78	572.0879	2.14955
295.9	572.0879	2.1516
295.98	572.0879	2.15225
296.48	572.2035	2.157
296.58	572.2035	2.15765
296.69	572.2035	2.15765
296.74	572.2035	2.159
297.44	572.2035	2.1644
297.48	572.2035	2.1651
297.69	572.2035	2.1651
297.73	572.2035	2.16305
297.97	572.2035	2.16575
297.98	572.5504	2.1678
298	572.5504	2.16845

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
298.31	572.5504	2.1698
298.34	572.5504	2.1705
298.44	572.5504	2.17115
298.6	572.5504	2.17185
298.7	572.5504	2.1732
298.94	572.5504	2.1752
299.04	572.5504	2.17385
299.08	572.5504	2.1759
299.25	572.5504	2.1752
299.28	572.5504	2.17725
299.39	572.5504	2.1779
299.43	572.5504	2.1806
299.45	572.5504	2.1786
299.48	572.5504	2.17995
299.5	572.5504	2.17995
299.57	572.5504	2.1786
299.73	572.5504	2.1786
299.75	572.5504	2.17925
299.77	572.5504	2.1779
299.78	572.5504	2.1779
299.98	572.5504	2.18195
300.29	573.8222	2.184
300.34	573.8222	2.18465
300.49	573.8222	2.18535
300.51	573.8222	2.1867
301.05	573.8222	2.19005
301.08	573.8222	2.19075
301.43	573.8222	2.19345
301.5	573.8222	2.19345
301.66	573.8222	2.19275
301.68	573.8222	2.1921
301.79	573.8222	2.1948
301.82	573.8222	2.19615
301.98	573.8222	2.1968
302.42	573.8222	2.2002
302.58	573.8222	2.1995
302.81	573.8222	2.2029
302.92	573.8222	2.2029
303.32	573.8222	2.20625
303.4	573.8222	2.20625
303.44	573.8222	2.2076
303.69	573.8222	2.20895
303.85	573.8222	2.2103
303.98	573.8222	2.211
304.03	573.8222	2.211
304.15	573.8222	2.213
304.18	573.8222	2.21505
304.21	573.8222	2.213
304.48	573.8222	2.21235
304.66	573.8222	2.2157
304.7	573.8222	2.21705
304.78	573.8222	2.2164

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
304.84	573.8222	2.2184
304.94	573.8222	2.21705
305.02	573.8222	2.21975
305.07	573.8222	2.21975
305.14	573.8222	2.21775
305.16	573.8222	2.2184
305.43	573.8222	2.2238
305.5	573.8222	2.22315
305.55	573.8222	2.22315
305.63	573.8222	2.22315
305.66	573.8222	2.22315
305.69	573.8222	2.2211
305.97	573.8222	2.22585
306.23	573.8222	2.2265
306.48	573.8222	2.2292
306.62	573.8222	2.23055
306.77	573.8222	2.2292
306.87	573.8222	2.23125
307.42	573.8222	2.2373
307.49	573.8222	2.23595
307.57	573.8222	2.2353
307.6	573.8222	2.2373
307.65	573.8222	2.23665
307.68	573.8222	2.23665
307.97	573.8222	2.24
308.2	573.8222	2.24205
308.32	573.8222	2.2427
308.47	573.8222	2.2427
308.64	573.8222	2.24405
308.96	573.8222	2.24675
309.04	573.8222	2.2461
309.18	573.8222	2.2481
309.29	573.8222	2.24945
309.37	573.8222	2.2488
309.4	573.8222	2.25015
309.44	573.8222	2.25015
309.54	573.8222	2.25015
309.67	573.8222	2.2508
309.9	573.8222	2.2535
309.97	573.8222	2.2535
310.76	573.8222	2.26025
310.97	573.8222	2.2596
311.2	573.8222	2.2643
311.23	573.8222	2.26565
311.26	573.8222	2.265
311.47	573.8222	2.26565
311.49	573.8222	2.26565
311.6	573.8222	2.26635
311.66	573.8222	2.2643
311.68	573.8222	2.26635
311.7	573.8222	2.265
311.74	573.8222	2.26565

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
311.87	573.8222	2.26905
311.91	573.8222	2.2697
311.95	573.8222	2.2697
311.97	573.8222	2.26835
312.03	573.8222	2.2677
312.06	573.8222	2.26835
312.1	573.8222	2.2697
312.37	573.8222	2.2731
312.48	573.8222	2.27175
312.61	573.8222	2.27375
312.69	573.8222	2.2731
312.93	573.8222	2.27645
313.02	573.8222	2.27445
313.15	573.8222	2.2785
313.33	573.8222	2.27715
313.43	573.8222	2.28255
313.44	573.8222	2.28055
313.45	573.8222	2.2819
313.47	573.8222	2.2812
313.51	573.8222	2.28255
313.53	573.8222	2.28325
313.55	573.8222	2.2812
313.57	573.8222	2.28325
313.59	573.8222	2.2812
313.61	573.8222	2.2819
313.63	573.8222	2.2819
313.65	573.8222	2.28255
313.72	573.8222	2.2819
313.89	573.8222	2.2819
313.92	573.8222	2.2819
313.95	573.8222	2.2812
313.97	573.8222	2.2819
313.97	573.8222	2.28055
313.99	573.8222	2.28055
314	573.8222	2.27985
314	573.8222	2.27985
314.01	573.8222	2.28055
314.01	573.8222	2.28055
314.02	573.8222	2.27985
314.03	573.8222	2.28055
314.03	573.8222	2.27985
314.06	573.8222	2.28325
314.41	573.8222	2.2873
314.6	573.8222	2.2866
314.67	573.8222	2.2893
314.78	573.8222	2.29
314.83	573.8222	2.29065
314.88	573.8222	2.28865
314.95	573.8222	2.29065
315.13	573.8222	2.29135
315.17	573.8222	2.29335
315.34	573.8222	2.29335

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
315.39	573.8222	2.2947
315.64	573.8222	2.29675
315.73	573.8222	2.29605
315.78	573.8222	2.2954
315.87	573.8222	2.2947
315.97	573.8222	2.2974
316.12	573.8222	2.2981
317.45	573.8222	2.3082
317.6	573.8222	2.3089
317.75	573.8222	2.31025
317.97	573.8222	2.31295
318.38	573.8222	2.31495
318.43	573.8222	2.31495
318.58	573.8222	2.31565
318.6	573.8222	2.31835
318.92	573.8222	2.319
318.95	573.8222	2.319
319.09	573.8222	2.32035
319.13	573.8222	2.32035
319.28	573.8222	2.32105
319.31	573.8222	2.3224
319.64	573.8222	2.3251
319.69	573.8222	2.3244
319.72	573.8222	2.3251
319.97	574.8628	2.3278
320	574.8628	2.32645
320.33	574.8628	2.3298
320.43	574.8628	2.3298
320.55	574.8628	2.3298
320.59	574.8628	2.33185
320.75	574.8628	2.33185
320.78	574.8628	2.3325
320.93	574.8628	2.3325
321.61	574.8628	2.3386
321.68	574.8628	2.3386
321.97	574.8628	2.3433
323.45	574.8628	2.3548
323.6	574.8628	2.3521
323.71	574.8628	2.35275
323.77	574.8628	2.35345
323.97	574.8628	2.35615
325.46	574.8628	2.3656
325.68	574.8628	2.3676
325.97	574.8628	2.3703
326.01	578.2158	2.3703
326.07	578.2158	2.371
327.42	578.2158	2.38315
327.48	578.2158	2.3818
327.53	578.2158	2.3811
327.68	578.2158	2.3818
327.7	578.2158	2.3811
327.72	578.2158	2.3811

UCS Test Results@ 28 days, Stage Four

S2N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N2-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N3-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
327.97	578.2158	2.38515
328.47	579.6032	2.3892
328.52	579.6032	2.3892
329.97	579.6032	2.39865
331.45	579.6032	2.41015
331.56	579.6032	2.4108
331.64	579.6032	2.4108
331.67	579.6032	2.4115
331.97	579.6032	2.41285
333.44	579.6032	2.4243
333.53	579.6032	2.42295
333.58	579.6032	2.4277
333.71	579.6032	2.425
333.73	579.6032	2.42365
333.75	579.6032	2.425
333.97	579.6032	2.42835
335.58	579.6032	2.44055
335.69	579.6032	2.4392
335.97	579.6032	2.4419
336.14	579.6032	2.44325
336.25	579.6032	2.4439
337.43	579.6032	2.452
337.66	579.6032	2.45335
337.97	579.6032	2.45675
338.03	581.8	2.4581
338.22	581.8	2.45875
339.43	570.0068	2.46955
339.48	564.2258	2.46685
339.63	570.1224	2.4682
339.66	575.9034	2.4682
339.97	575.7878	2.4709
348.52	569.313	2.5337
349.97	569.1974	2.5445
351.43	563.1852	2.55395

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	3.874461	0.0068
0.1793	6.726495	0.0054
0.218	9.578529	0.0068
0.239	12.43056	0.0054
0.261	15.2826	0.0068
0.2763	18.13463	0.0068
0.3	20.98667	0.0108
0.3192	23.8387	0.0081
0.3385	26.63692	0.0054
0.4858	29.48896	0
0.9016	29.48896	0.0054
1.0092	29.48896	0.0041
1.2121	32.34099	0.0108
1.5706	35.19302	0.0149
2.3186	38.04506	0.0257
3.4563	40.89709	0.0419
4.9998	42.18858	0.0648
5.7393	45.04061	0.0756
7.3179	47.83884	0.0999
9.3165	50.69087	0.1283
9.9997	50.69087	0.1391
11.067	53.32766	0.1526
12.499	56.17969	0.1769
12.792	56.17969	0.1796
12.886	56.17969	0.1809
13.022	56.17969	0.1809
13.052	56.17969	0.1782
13.976	58.97791	0.1958
14.829	58.97791	0.2093
14.94	58.97791	0.2106
15	58.97791	0.2079
15.225	61.07658	0.2133
17.139	63.8748	0.2417
18.399	66.72683	0.2606
18.847	66.72683	0.2687
18.993	66.72683	0.2673
19.999	68.39501	0.2822
21.157	71.24704	0.2997
22.263	74.04526	0.316
23.645	76.8973	0.3362
24.999	78.18878	0.3538
25.653	81.04082	0.3659
27.067	83.83904	0.3862
28.171	86.63726	0.4024
29.423	89.48929	0.4213
29.999	90.61935	0.428
31.205	93.41757	0.4456
32.452	96.21579	0.4631
32.849	96.21579	0.4712
32.986	96.21579	0.4685
33.559	99.06782	0.4793
34.999	100.9512	0.5009

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	2.952227	0.0027
0.1305	5.475905	0.0014
0.1775	7.999584	0
0.458	10.52326	0.0081
1.2582	12.99932	0.0203
1.4472	12.99932	0.0243
1.635	12.99932	0.023
1.9998	14.52305	0.0311
3.337	17.04673	0.0513
3.9997	17.57051	0.0621
5.7351	20.04658	0.0851
5.9995	20.04658	0.0891
7.4594	20.04658	0.1121
7.6396	20.04658	0.1094
7.9993	21.37984	0.1175
9.9992	22.90357	0.1472
11.678	25.42725	0.1715
11.999	25.42725	0.1769
13.827	27.90331	0.2012
13.999	27.90331	0.2052
15.662	30.09367	0.2295
15.999	30.09367	0.2349
17.656	31.9031	0.2579
17.999	31.9031	0.2646
19.635	34.42678	0.2862
19.998	34.42678	0.293
21.672	36.90284	0.3159
21.998	36.90284	0.3214
23.638	39.23605	0.3443
23.998	39.56937	0.3497
25.955	42.09305	0.3781
25.998	42.09305	0.3808
27.633	44.23579	0.401
27.998	44.56911	0.4091
29.998	46.09284	0.4361
31.107	48.5689	0.455
31.375	48.5689	0.4577
31.597	48.5689	0.4604
31.997	49.23553	0.4658
33.606	51.71159	0.4888
33.997	51.71159	0.4955
35.676	54.23527	0.5212
35.997	54.23527	0.5239
37.592	56.71133	0.5441
37.997	57.23512	0.5536
39.568	59.71118	0.5752
39.997	60.37781	0.5819
41.626	62.85387	0.6063
41.997	63.04434	0.6117
43.214	65.5204	0.6292
43.415	65.5204	0.6319
43.622	65.5204	0.6333

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	10.69387	-0.0013
0.118	16.31085	0
0.1593	22.03585	-0.0013
0.1953	27.76085	-0.0027
0.2258	33.48585	-0.0027
0.2778	39.21085	0.0027
0.5212	44.93585	0.0068
0.9004	50.66085	0.0122
1.2814	56.38585	0.0176
1.8991	62.11085	0.027
1.9998	62.86698	0.027
2.3183	68.48396	0.0338
2.8788	74.20896	0.0405
3.2175	79.93396	0.0459
3.719	85.65896	0.0527
3.9997	88.68349	0.0581
4.3757	94.40849	0.0621
4.9362	100.1335	0.0689
5.1969	105.8585	0.0729
5.6151	111.5835	0.0797
5.9995	114.9321	0.0864
6.4541	120.6571	0.0932
7.0372	126.3821	0.0999
7.3152	131.9991	0.1053
7.9993	135.8877	0.1148
8.1964	141.5047	0.1175
8.9722	147.2297	0.1296
9.4934	152.9547	0.1364
9.9992	155.2231	0.1445
10.398	160.9481	0.1499
10.484	160.9481	0.1512
10.734	160.9481	0.1539
11.236	166.5651	0.1607
11.999	170.3458	0.1728
12.711	176.0708	0.1836
13.551	181.6877	0.1958
13.999	181.6877	0.2012
14.291	185.5764	0.2052
15.55	191.1934	0.2241
15.999	191.5175	0.2295
16.971	197.2425	0.2444
17.202	197.2425	0.2471
17.53	197.2425	0.2525
17.999	197.2425	0.2606
18.438	202.8594	0.266
19.851	208.5844	0.2862
19.998	209.6646	0.2876
21.348	215.2816	0.3079
21.998	216.0377	0.3173
23.07	221.7627	0.3322
23.68	221.7627	0.3416
23.998	221.7627	0.347

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	14.45669	0.0081
0.0658	18.71339	0.0081
0.5204	18.71339	0.0189
0.6007	18.71339	0.0203
0.6748	18.71339	0.0216
1.0165	18.71339	0.0216
1.057	18.71339	0.0203
1.0814	18.71339	0.0162
1.1289	22.97008	0.0243
1.9998	23.77323	0.0378
2.5378	23.77323	0.0473
2.7837	23.77323	0.0446
3.9997	26.58425	0.0675
4.4777	26.58425	0.0756
4.7645	26.58425	0.0743
5.9995	27.70866	0.0972
6.5124	27.70866	0.104
6.7494	27.70866	0.1026
7.9993	29.15433	0.1229
8.5198	29.15433	0.1337
8.6907	29.15433	0.1296
8.9807	29.15433	0.1377
9.0756	29.15433	0.1404
9.9992	29.15433	0.1539
10.572	29.15433	0.1647
10.78	29.15433	0.1593
10.822	29.15433	0.1634
11.999	29.15433	0.1823
12.494	29.15433	0.1904
12.57	29.15433	0.1917
12.634	29.15433	0.1958
12.712	29.15433	0.1958
13.009	29.15433	0.1944
13.045	29.15433	0.1931
13.076	29.15433	0.1904
13.1	29.15433	0.189
13.999	31.64409	0.212
14.474	31.64409	0.2187
14.732	31.64409	0.2187
15.999	33.33071	0.2403
17.962	37.5874	0.2673
17.999	37.5874	0.2687
18.571	37.5874	0.2781
18.693	37.5874	0.2741
19.701	40.39843	0.2957
19.998	40.39843	0.2984
20.508	40.39843	0.3092
20.609	40.39843	0.3092
20.736	40.39843	0.3052
20.765	40.39843	0.3052
21.998	42.32598	0.3268
22.491	42.32598	0.3362

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
35.465	103.7495	0.5077
37.023	106.5477	0.5252
37.749	109.3997	0.5401
39.028	112.1979	0.5576
39.999	114.6195	0.5725
41.12	117.4177	0.5887
42.215	120.2697	0.6049
43.24	123.068	0.6184
44.182	125.8662	0.6346
44.998	125.8662	0.6454
45.225	128.503	0.6495
46.484	131.3012	0.667
47.325	134.0994	0.6792
48.423	136.8976	0.6954
48.847	136.8976	0.7008
49.045	136.8976	0.7035
49.365	139.7497	0.7075
49.998	141.0412	0.7183
51.077	143.8394	0.7332
51.956	146.6376	0.7453
53.073	149.4358	0.7629
53.923	152.234	0.7737
54.998	153.5255	0.7899
55.275	156.3776	0.7939
56.218	159.1758	0.8074
57.264	161.974	0.8236
58.081	164.7722	0.8344
58.792	164.7722	0.8452
58.984	164.7722	0.8452
59.056	167.5705	0.8493
59.998	168.8619	0.8601
60.613	171.6602	0.8722
61.278	174.4584	0.8817
62.078	177.2566	0.8925
63.061	180.0548	0.906
63.857	182.8531	0.9195
64.998	185.2746	0.9384
65.57	188.0728	0.9438
66.555	190.871	0.9573
66.837	190.871	0.9614
67.011	190.871	0.9627
67.311	193.6693	0.9708
68.275	196.4675	0.9816
68.77	196.4675	0.9911
68.833	196.4675	0.9911
69.018	196.4675	0.9897
69.053	196.4675	0.9897
69.094	199.2657	0.9951
69.953	202.0639	1.0059
69.998	202.0639	1.0073
70.65	203.7321	1.0167
70.799	203.7321	1.0181

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
43.996	66.32988	0.64
45.685	68.80594	0.6643
45.996	68.80594	0.6711
47.056	71.32962	0.6859
47.996	72.47242	0.6981
49.196	74.94848	0.7156
49.996	75.94843	0.7264
51.246	78.42449	0.7453
51.369	78.42449	0.7494
51.424	78.42449	0.7507
51.495	78.42449	0.7507
51.673	78.42449	0.748
51.688	78.42449	0.748
51.716	78.42449	0.7494
51.996	80.09107	0.7561
53.642	82.56713	0.7791
53.996	82.7576	0.7858
55.125	85.23366	0.8034
55.367	85.23366	0.8074
55.429	85.23366	0.8074
55.639	85.23366	0.8047
55.668	85.23366	0.8088
55.995	85.90029	0.8142
56.757	88.37635	0.825
57.407	88.37635	0.8358
57.583	88.37635	0.8344
57.995	89.51915	0.8425
59.236	91.99521	0.8614
59.383	91.99521	0.8655
59.467	91.99521	0.8668
59.631	91.99521	0.8641
59.66	91.99521	0.8655
59.995	93.66179	0.8709
61.641	96.13785	0.8965
61.964	96.13785	0.9006
61.995	96.13785	0.9019
63.149	96.13785	0.9182
63.995	96.75687	0.9303
64.632	99.23293	0.9384
65.447	99.23293	0.9506
65.564	99.23293	0.9519
65.717	101.709	0.9546
65.995	102.0423	0.9587
66.928	104.5184	0.9722
67.994	106.1849	0.9884
69.181	108.661	1.0059
69.358	108.661	1.0113
69.401	108.661	1.01
69.482	108.661	1.01
69.636	108.661	1.0073
69.655	108.661	1.0086
69.679	108.661	1.0086

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
25.055	221.7627	0.3619
25.998	223.167	0.3754
27.331	228.784	0.3943
27.998	228.784	0.4051
28.968	233.3208	0.4186
29.998	235.5892	0.4348
30.161	235.5892	0.4361
30.29	235.5892	0.4375
31.089	241.2061	0.4496
31.121	241.2061	0.4496
31.336	241.2061	0.4523
31.997	242.2863	0.4618
33.21	247.9033	0.4793
33.997	250.1717	0.4901
35.207	255.7887	0.509
35.997	256.5448	0.5198
37.008	262.1618	0.5347
37.997	264.4302	0.5482
38.832	270.0472	0.5617
39.997	270.8033	0.5779
40.246	276.5283	0.5819
41.997	280.2009	0.6063
42.51	285.8179	0.6144
43.996	289.1665	0.6346
45.12	294.7835	0.6522
45.996	296.7278	0.6643
46.842	302.3448	0.6765
47.662	307.9618	0.6886
47.996	307.9618	0.6927
49.637	310.8783	0.7156
49.996	310.8783	0.721
50.561	315.7392	0.7305
51.996	315.7392	0.748
52.64	321.3561	0.7588
53.658	326.9731	0.7737
53.996	326.9731	0.7777
54.535	329.2415	0.7845
55.399	334.8585	0.798
55.995	334.8585	0.8074
56.811	339.2873	0.8182
57.636	344.9042	0.8304
57.995	344.9042	0.8344
58.837	349.441	0.8479
59.087	349.441	0.8493
59.174	349.441	0.8506
59.995	353.5458	0.8641
61.131	359.0547	0.8803
61.995	359.8108	0.8911
62.169	365.4278	0.8952
62.342	365.4278	0.8979
62.736	365.4278	0.9019
63.613	371.0448	0.9155

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
22.59	42.32598	0.3362
22.754	42.32598	0.3349
22.784	42.32598	0.3335
23.998	44.5748	0.3565
24.532	44.5748	0.3646
24.657	44.5748	0.3619
25.998	47.70709	0.3848
26.436	47.70709	0.3916
26.501	47.70709	0.397
26.542	47.70709	0.3956
26.583	47.70709	0.3983
26.621	47.70709	0.3983
26.663	47.70709	0.401
26.708	47.70709	0.3956
26.893	47.70709	0.3956
26.944	47.70709	0.3943
26.974	47.70709	0.3929
26.994	47.70709	0.3929
27.013	47.70709	0.3929
27.027	47.70709	0.3902
27.04	47.70709	0.3902
27.998	49.07244	0.4145
28.506	49.07244	0.424
28.62	49.07244	0.424
28.713	49.07244	0.4213
28.741	49.07244	0.4199
29.998	51.64252	0.4415
30.439	51.64252	0.4496
30.519	51.64252	0.451
30.595	51.64252	0.4537
30.647	51.64252	0.4564
30.806	51.64252	0.4523
30.846	51.64252	0.451
30.869	51.64252	0.4483
30.888	51.64252	0.4483
30.93	55.8189	0.4564
31.997	56.14016	0.4726
32.48	56.14016	0.4807
32.661	56.14016	0.482
33.997	57.26457	0.5009
34.476	57.26457	0.509
34.555	57.26457	0.5117
34.614	57.26457	0.5117
34.771	57.26457	0.509
34.808	57.26457	0.509
34.83	57.26457	0.5077
34.863	61.44094	0.5117
35.997	61.44094	0.5293
36.555	61.44094	0.5387
36.683	61.44094	0.536
37.866	64.49291	0.5563
37.997	64.49291	0.5576

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
70.916	203.7321	1.0181
71.47	206.5303	1.0289
72.35	209.3285	1.0424
72.817	209.3285	1.0478
72.975	209.3285	1.0478
73.057	212.1268	1.0505
74.051	214.8712	1.0653
74.787	214.8712	1.0734
74.992	214.8712	1.0788
74.997	215.0326	1.0788
75.045	217.8846	1.0802
75.895	220.6829	1.091
76.654	223.4273	1.1031
76.759	223.4273	1.1045
77.008	223.4273	1.1085
77.626	226.2255	1.118
79.007	229.0237	1.1369
79.51	231.7681	1.145
79.997	231.7681	1.1531
80.409	234.5663	1.1571
80.795	234.5663	1.1625
80.934	234.5663	1.1639
81.066	237.3646	1.1679
82.082	240.1628	1.1828
83.096	242.9072	1.1976
83.893	245.7054	1.2084
84.98	248.5036	1.2247
84.997	248.5036	1.2247
85.166	251.3019	1.2274
86.107	254.0463	1.2395
87.059	256.8445	1.2544
88.042	259.5889	1.2679
88.597	262.3871	1.2787
88.752	262.3871	1.2787
88.944	262.3871	1.28
89.344	265.1854	1.2868
89.997	266.2616	1.2976
91.013	269.0598	1.3111
91.547	271.858	1.3192
92.428	274.6024	1.3313
92.76	274.6024	1.3367
92.949	274.6024	1.3394
93.042	277.4007	1.3421
94.097	280.1451	1.3556
94.997	282.1899	1.3678
95.429	284.9882	1.3745
96.135	287.7326	1.3867
96.744	287.7326	1.3921
96.831	287.7326	1.3948
96.929	287.7326	1.3988
97.056	287.7326	1.3975
97.077	290.5308	1.3988

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
69.994	109.661	1.0167
71.076	112.137	1.0316
71.377	112.137	1.0383
71.462	112.137	1.0383
71.618	112.137	1.037
71.645	112.137	1.0383
71.994	113.4227	1.0464
72.897	115.8987	1.0586
73.358	115.8987	1.068
73.625	115.8987	1.0667
73.697	118.3748	1.0707
73.827	118.3748	1.0721
73.994	118.3748	1.0748
74.939	119.5176	1.0883
75.361	119.5176	1.0964
75.592	119.5176	1.0964
75.994	121.5175	1.1031
77.313	123.9935	1.1234
77.994	124.6126	1.1328
78.951	127.0886	1.1463
79.345	127.0886	1.1531
79.557	127.0886	1.1558
79.946	129.5647	1.1625
79.993	129.5647	1.1625
81.145	131.1836	1.1774
81.364	131.1836	1.1841
81.437	131.1836	1.1828
81.639	131.1836	1.1814
81.665	131.1836	1.1828
81.993	132.9931	1.1909
83.01	135.4691	1.2044
83.35	135.4691	1.2111
83.604	135.4691	1.2125
83.993	136.1358	1.2206
84.968	138.6118	1.2341
85.379	138.6118	1.2409
85.631	138.6118	1.2395
85.993	140.2308	1.2476
86.695	142.7069	1.2584
87.376	142.7069	1.2719
87.475	142.7069	1.2706
87.584	142.7069	1.2692
87.608	142.7069	1.2679
87.638	145.1829	1.2719
87.993	145.1829	1.2773
88.949	147.1352	1.2922
89.364	147.1352	1.2989
89.622	147.1352	1.2989
89.802	149.6113	1.303
89.993	149.7541	1.307
90.999	152.2302	1.3219
91.32	152.2302	1.3273

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.781	371.0448	0.9182
63.995	371.0448	0.9209
64.452	372.5571	0.9263
64.88	372.5571	0.933
64.973	372.5571	0.9344
65.631	378.1741	0.9438
65.995	378.1741	0.9492
67.105	382.6028	0.9641
67.707	388.2198	0.9749
67.994	388.5439	0.9789
69.183	394.1608	0.9965
69.994	395.9972	1.0073
70.905	401.6142	1.0208
71.725	407.2311	1.0329
71.994	407.2311	1.037
72.767	410.4717	1.0464
73.599	416.0887	1.0586
73.994	416.0887	1.0653
74.816	420.1934	1.0788
74.913	420.1934	1.0788
75.453	420.1934	1.0856
75.994	422.7858	1.0964
76.558	428.4028	1.1045
76.786	428.4028	1.1058
77.017	428.4028	1.1085
77.49	434.0198	1.1166
77.585	434.0198	1.1166
77.829	434.0198	1.1207
77.994	434.6679	1.1234
79.313	440.2849	1.1436
79.993	440.609	1.1544
80.775	446.2259	1.1652
81.676	451.7349	1.1787
81.993	451.7349	1.1841
82.064	451.7349	1.1841
82.19	451.7349	1.1841
82.254	455.8396	1.1868
82.644	455.8396	1.1922
82.793	455.8396	1.1949
83.993	455.8396	1.2125
84.18	458.3241	1.2152
84.891	463.941	1.2274
85.611	469.558	1.2368
85.965	469.558	1.2395
85.993	469.558	1.2395
86.135	469.8821	1.2422
86.311	475.4991	1.2463
86.682	475.4991	1.2517
86.846	475.4991	1.2544
87.31	481.116	1.2611
87.86	481.116	1.2692
87.993	481.116	1.2719

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
38.461	64.49291	0.5657
38.672	64.49291	0.5657
39.997	66.50079	0.5873
40.49	66.50079	0.5955
40.701	66.50079	0.5941
41.997	68.66929	0.6171
42.458	68.66929	0.6252
42.527	68.66929	0.6252
42.593	68.66929	0.6279
42.671	68.66929	0.6252
42.738	68.66929	0.6252
42.777	68.66929	0.6265
42.8	68.66929	0.6252
42.821	68.66929	0.6238
42.842	72.92598	0.6252
43.996	72.92598	0.6454
44.55	72.92598	0.6535
44.676	72.92598	0.6508
44.704	76.86142	0.6549
45.049	76.86142	0.6616
45.996	76.86142	0.6751
46.463	76.86142	0.6832
46.544	76.86142	0.6846
46.718	76.86142	0.6819
46.742	76.86142	0.6819
46.784	78.46772	0.6859
47.996	78.46772	0.7035
48.472	78.46772	0.7143
48.551	78.46772	0.7129
48.698	78.46772	0.7116
48.722	78.46772	0.7089
48.761	82.72441	0.7143
49.996	82.72441	0.7318
50.426	82.72441	0.7413
50.478	82.72441	0.7426
50.526	82.72441	0.7413
50.569	82.72441	0.7426
50.61	82.72441	0.744
50.67	82.72441	0.7453
50.899	82.72441	0.744
50.937	82.72441	0.744
50.964	82.72441	0.7413
50.983	82.72441	0.7413
50.999	82.72441	0.7413
51.017	82.72441	0.7386
51.996	82.72441	0.7615
52.426	82.72441	0.771
52.485	82.72441	0.7723
52.527	82.72441	0.7737
52.566	82.72441	0.7737
52.597	82.72441	0.775
52.628	82.72441	0.7723

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
97.165	290.5308	1.4002
97.343	290.5308	1.4015
97.876	293.2752	1.4096
99.035	296.0734	1.4258
99.536	298.8178	1.4353
99.997	299.7326	1.442
100.94	302.5309	1.4555
101.35	305.2753	1.4623
102.33	308.0735	1.4758
102.76	308.0735	1.4879
102.82	308.0735	1.4825
102.95	308.0735	1.4839
102.98	308.0735	1.4866
103.03	310.8179	1.4825
103.6	313.6161	1.4947
104.59	316.3605	1.5109
105	317.652	1.5149
105.71	320.4502	1.5244
106.59	323.1947	1.5379
106.78	323.1947	1.5393
106.97	323.1947	1.5433
107.24	325.9391	1.5474
107.96	328.7373	1.5582
108.08	328.7373	1.5609
108.32	328.7373	1.5609
108.97	331.4817	1.573
109.43	334.2799	1.5784
110	334.2799	1.5879
110.39	336.6476	1.5919
111.05	339.3921	1.6014
112.27	342.1365	1.6203
112.71	342.1365	1.6284
113.05	342.1365	1.6311
113.88	344.8809	1.6446
114.59	347.6253	1.654
115	348.002	1.6581
115.4	350.7464	1.6648
116.12	353.5446	1.6756
117.01	356.289	1.6878
117.46	359.0334	1.6959
118.34	361.7778	1.7094
119.02	364.5761	1.7188
119.87	367.3205	1.7296
120	367.3205	1.731
120.07	368.0738	1.7337
120.85	368.0738	1.7445
120.92	368.0738	1.7445
120.95	370.8182	1.7445
121.45	373.5626	1.7526
122.34	376.3071	1.7647
122.78	376.3071	1.7728
122.96	376.3071	1.7728

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
91.373	152.2302	1.33
91.629	152.2302	1.3259
91.652	152.2302	1.33
91.992	154.1824	1.3354
93.439	154.1824	1.3583
93.601	154.1824	1.3556
93.624	156.6585	1.3583
93.992	157.1347	1.3637
94.848	159.6107	1.3759
95.388	159.6107	1.3867
95.429	159.6107	1.388
95.484	159.6107	1.3894
95.543	159.6107	1.3894
95.678	159.6107	1.3867
95.707	159.6107	1.3867
95.73	159.6107	1.3853
95.749	159.6107	1.3867
95.77	162.0392	1.388
95.992	162.2296	1.3934
97.257	164.6581	1.4123
97.416	164.6581	1.4137
97.585	164.6581	1.4164
97.992	165.4676	1.4231
98.662	167.9436	1.4312
99.706	170.4197	1.4474
99.992	170.5625	1.4515
101.18	172.991	1.469
101.36	172.991	1.4717
101.44	172.991	1.4717
101.6	172.991	1.4717
101.63	172.991	1.4731
101.87	175.4671	1.4785
101.99	175.4671	1.4798
103.26	177.7527	1.4974
103.99	179.3716	1.5095
105.1	181.8477	1.5258
105.36	181.8477	1.5298
105.44	181.8477	1.5325
105.58	181.8477	1.5298
105.61	181.8477	1.5325
105.64	184.3237	1.5339
105.99	184.7999	1.5393
107.23	187.2283	1.5555
107.36	187.2283	1.5609
107.43	187.2283	1.5622
107.64	187.2283	1.5582
107.66	187.2283	1.5595
107.68	189.7044	1.5636
107.99	189.7044	1.5663
109.08	192.1329	1.5825
109.35	192.1329	1.5892
109.57	192.1329	1.5892

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
88.428	485.5448	1.2787
89.475	491.0538	1.2949
89.721	491.0538	1.2962
89.993	491.0538	1.3003
90.151	494.8344	1.303
90.302	494.8344	1.3057
90.929	494.8344	1.3138
91.599	494.8344	1.3232
91.765	494.8344	1.3259
91.818	500.3434	1.3286
91.992	500.3434	1.33
92.141	500.3434	1.3313
92.371	500.3434	1.334
92.692	504.7722	1.3408
92.9	504.7722	1.3421
92.969	504.7722	1.3448
93.992	506.6085	1.357
94.247	512.1175	1.3637
94.502	512.1175	1.3664
94.708	512.1175	1.3705
95.549	517.7344	1.3826
95.759	517.7344	1.384
95.845	517.7344	1.3853
95.992	519.1387	1.3894
97.587	524.7557	1.411
97.992	525.0797	1.4177
99.135	530.5887	1.4339
99.328	536.2057	1.438
99.42	536.2057	1.4407
99.495	536.2057	1.442
99.547	536.2057	1.442
99.664	536.2057	1.442
99.747	536.2057	1.4434
99.795	536.2057	1.4447
99.992	536.2057	1.4474
100.24	536.2057	1.4515
100.39	536.2057	1.4528
100.69	538.366	1.4582
100.84	538.366	1.4596
101.03	538.366	1.4623
101.36	543.875	1.469
101.5	543.875	1.4704
101.59	543.875	1.4717
101.69	543.875	1.4717
101.95	543.875	1.4771
101.99	543.875	1.4771
102.36	543.875	1.4825
102.55	543.875	1.4839
103.59	548.6278	1.5001
103.82	548.6278	1.5014
103.99	548.6278	1.5055
103.99	548.6278	1.5041

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
52.667	82.72441	0.775
52.691	82.72441	0.775
52.917	82.72441	0.7723
52.94	82.72441	0.7723
52.96	82.72441	0.7696
52.979	82.72441	0.7696
52.992	82.72441	0.7683
53.004	82.72441	0.7669
53.016	82.72441	0.7669
53.028	82.72441	0.7669
53.041	84.65197	0.7723
53.996	85.45512	0.7926
54.433	85.45512	0.7993
54.531	85.45512	0.7993
54.714	85.45512	0.7966
54.736	85.45512	0.7966
55.941	89.6315	0.8182
55.995	89.6315	0.8196
56.47	89.6315	0.829
56.696	89.6315	0.825
56.72	92.12126	0.8277
57.995	92.12126	0.8493
58.428	92.12126	0.856
58.486	92.12126	0.8574
58.547	92.12126	0.8587
58.602	92.12126	0.8587
58.75	92.12126	0.856
58.789	92.12126	0.8574
58.811	92.12126	0.8547
58.835	92.12126	0.8574
59.995	92.68346	0.8776
60.495	92.68346	0.8857
60.632	92.68346	0.8857
60.695	96.85984	0.8871
61.995	97.66299	0.9073
62.471	97.66299	0.9141
62.696	97.66299	0.9128
63.995	99.10866	0.9344
64.427	99.10866	0.9438
64.488	99.10866	0.9465
64.529	99.10866	0.9452
64.571	99.10866	0.9479
64.608	99.10866	0.9492
64.644	99.10866	0.9479
64.705	99.10866	0.9479
64.898	99.10866	0.9465
64.953	99.10866	0.9479
64.977	99.10866	0.9438
64.995	99.10866	0.9452
65.012	99.10866	0.9438
65.026	99.10866	0.9438
65.037	99.10866	0.9425

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
122.99	379.1053	1.7755
123.81	381.8497	1.7877
124.67	384.5941	1.7998
124.72	384.5941	1.8012
124.8	384.5941	1.8025
124.98	384.5941	1.8039
125	384.5941	1.8025
125.02	385.6703	1.8039
125.69	388.4148	1.8147
126.58	391.1592	1.8268
126.74	391.1592	1.8323
126.96	391.1592	1.8309
127.19	393.9574	1.8363
127.99	396.7018	1.8471
128.96	399.3924	1.8647
129.56	402.1906	1.8714
130	402.352	1.8782
130.61	405.0965	1.8863
130.82	405.0965	1.889
130.91	405.0965	1.8903
131.09	407.8409	1.893
132.1	410.5853	1.9079
133.01	413.3297	1.92
133.14	416.1279	1.9214
134.05	418.8723	1.9362
135	419.3566	1.9484
135.06	422.1549	1.9497
135.95	424.8454	1.9646
136.84	424.8454	1.974
136.96	424.8454	1.9754
137.15	427.5899	1.9808
138.43	430.2805	1.9997
138.77	430.2805	2.0091
138.83	430.2805	2.0078
139	430.2805	2.0037
139.02	430.2805	2.0064
139.26	433.0249	2.0118
140	434.4778	2.0213
140.96	437.2222	2.0375
141.04	439.9666	2.0375
142.13	442.711	2.055
143.01	445.4554	2.0658
143.66	448.1998	2.0739
144.52	450.8904	2.0888
144.9	450.8904	2.0955
145	450.8904	2.0915
145.02	451.6438	2.0942
145.29	454.3882	2.0982
146.31	457.1326	2.1131
147.01	459.877	2.1225
147.57	462.6214	2.132
148.48	465.312	2.1455

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
109.88	194.6089	1.5946
109.99	194.6089	1.5946
110.68	196.2279	1.6068
111.89	198.7039	1.6243
111.99	198.7039	1.6257
112.88	201.1324	1.6392
113.37	201.1324	1.6486
113.58	201.1324	1.6459
113.61	203.6084	1.6486
113.99	203.6084	1.654
115.27	206.0369	1.6729
115.35	206.0369	1.677
115.56	206.0369	1.6743
115.99	207.7987	1.6837
116.83	210.2748	1.6945
117.65	212.7032	1.708
117.99	213.0365	1.7134
118.94	215.465	1.7256
119.37	215.465	1.7337
119.47	215.465	1.735
119.62	215.465	1.7323
119.64	215.465	1.735
119.82	217.941	1.7377
119.99	217.941	1.7404
120.64	220.2266	1.7512
121.36	220.2266	1.762
121.58	220.2266	1.7634
121.64	222.6551	1.7647
121.99	223.2741	1.7701
122.97	225.7502	1.7836
123.37	225.7502	1.7931
123.6	225.7502	1.7917
123.62	228.1786	1.7931
123.99	228.6548	1.7998
125.02	231.1308	1.8147
125.35	231.1308	1.8214
125.41	231.1308	1.8214
125.62	231.1308	1.8187
125.64	231.1308	1.8201
125.66	233.5593	1.8242
125.99	233.5593	1.8282
126.69	235.9877	1.8377
127.38	235.9877	1.8512
127.61	235.9877	1.8485
127.62	238.4162	1.8525
127.99	238.4162	1.8566
128.86	240.5589	1.8714
129.66	242.9874	1.8809
129.99	243.1302	1.8876
130.29	245.6063	1.8903
131.43	245.6063	1.9079
131.58	245.6063	1.9052

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
104.51	554.1368	1.5136
104.97	554.1368	1.5177
105.03	554.1368	1.519
105.11	559.7538	1.5244
105.2	559.7538	1.5244
105.76	559.7538	1.5312
105.99	559.7538	1.5339
106.19	559.7538	1.5393
106.23	559.7538	1.5366
106.37	559.7538	1.5393
106.43	559.7538	1.5406
106.46	562.9943	1.542
106.66	562.9943	1.5447
106.89	562.9943	1.5501
107.54	562.9943	1.5568
107.7	562.9943	1.5609
107.87	568.5033	1.5622
107.99	571.0958	1.5649
108.23	571.0958	1.5663
108.3	571.0958	1.5703
108.45	571.0958	1.569
108.54	571.0958	1.573
108.92	571.0958	1.5798
109.19	571.0958	1.5825
109.34	571.0958	1.5825
109.45	571.0958	1.5865
109.87	576.6047	1.5919
109.92	582.2217	1.5933
109.99	582.2217	1.5933
110.27	582.2217	1.5973
110.38	582.2217	1.5987
110.47	582.2217	1.6
110.51	582.2217	1.6014
111.09	586.2184	1.6122
111.28	586.2184	1.6149
111.4	586.2184	1.6135
111.55	586.2184	1.6162
111.87	586.2184	1.6189
111.92	591.7274	1.623
111.99	591.7274	1.6243
111.99	591.7274	1.6243
112.03	591.7274	1.6243
112.06	591.7274	1.6257
112.1	591.7274	1.6243
112.36	591.7274	1.6257
112.39	591.7274	1.6243
112.43	591.7274	1.6257
112.47	592.1594	1.627
112.86	592.1594	1.6365
113.25	592.1594	1.6405
113.39	597.6684	1.6446
113.46	597.6684	1.6473

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
65.054	103.285	0.9465
65.228	103.285	0.9533
65.995	103.285	0.9654
66.446	103.285	0.9722
66.507	103.285	0.9749
66.568	103.285	0.9749
66.621	103.285	0.9735
66.81	103.285	0.9735
66.839	103.285	0.9735
66.859	103.285	0.9722
66.876	103.285	0.9708
66.895	104.0882	0.9735
67.994	104.0882	0.9924
68.485	104.0882	1.0019
68.664	104.0882	0.9992
68.696	105.4535	1.0032
69.027	105.4535	1.0086
69.994	105.4535	1.0235
70.441	105.4535	1.0329
70.502	105.4535	1.0329
70.542	105.4535	1.0329
70.58	105.4535	1.0356
70.608	105.4535	1.0356
70.658	105.4535	1.0343
70.928	105.4535	1.0329
70.956	105.4535	1.0343
70.976	105.4535	1.0329
70.992	105.4535	1.0316
71.008	105.4535	1.0316
71.02	105.4535	1.0289
71.032	107.7024	1.0316
71.364	107.7024	1.0424
71.994	107.7024	1.0505
72.501	107.7024	1.0599
72.603	107.7024	1.0613
72.69	107.7024	1.0586
72.719	107.7024	1.0572
72.75	108.5055	1.0613
73.994	108.5055	1.0802
74.479	108.5055	1.0896
74.559	108.5055	1.091
74.732	108.5055	1.0869
74.756	108.5055	1.0869
74.778	110.9953	1.0883
75.994	112.0394	1.1099
76.415	112.0394	1.118
76.464	112.0394	1.1193
76.501	112.0394	1.1193
76.536	112.0394	1.1207
76.566	112.0394	1.1207
76.599	112.0394	1.1234
76.624	112.0394	1.1207

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
148.7	465.312	2.1482
148.95	465.312	2.1509
149.14	468.0565	2.155
149.97	470.8009	2.1685
150	470.8009	2.1671
150.95	472.9533	2.1806
151.64	475.6978	2.1928
152.49	478.3884	2.2022
152.75	478.3884	2.2076
152.92	478.3884	2.2076
153.09	481.1328	2.2117
154.11	483.8772	2.2265
155	485.653	2.2373
155.29	485.653	2.2441
155.46	485.653	2.2468
156.55	485.653	2.263
156.8	485.653	2.267
156.94	485.653	2.267
157.06	485.653	2.2684
157.41	485.653	2.2738
158.13	485.653	2.2832
158.76	485.653	2.2913
158.88	485.653	2.294
158.89	488.1821	2.2954
159.38	490.8727	2.3035
159.99	491.7875	2.3116
160.48	494.5319	2.3197
160.76	494.5319	2.3264
160.86	494.5319	2.3237
160.98	494.5319	2.3237
161	494.5319	2.3237
161.11	497.2764	2.3278
162.03	499.967	2.3413
162.75	499.967	2.3548
162.94	499.967	2.3521
163.07	502.6575	2.3561
163.84	505.402	2.3669
164.82	505.402	2.3858
164.91	505.402	2.3845
164.99	505.402	2.3804
164.99	505.402	2.3818
165.01	505.5096	2.3831
165.03	508.254	2.3858
165.61	510.9984	2.3939
166.49	513.689	2.4074
166.76	513.689	2.4128
166.95	513.689	2.4115
167	516.4334	2.4142
167.81	519.1778	2.4277
168.73	519.1778	2.4425
168.89	519.1778	2.4439
168.98	521.8684	2.4412

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
131.6	248.0347	1.9079
131.99	249.3204	1.916
132.62	251.7488	1.9254
133.36	251.7488	1.9376
133.43	251.7488	1.9376
133.6	251.7488	1.9349
133.62	251.7488	1.9349
133.64	254.2249	1.9389
133.99	254.2249	1.9443
134.06	255.8438	1.9443
135.08	258.2723	1.9592
135.33	258.2723	1.9646
135.48	258.2723	1.9659
135.56	258.2723	1.9646
135.6	258.2723	1.9659
135.91	260.7007	1.9727
135.99	260.8436	1.974
137.1	263.272	1.9889
137.32	263.272	1.9943
137.38	263.272	1.9943
137.6	263.272	1.9929
137.62	263.272	1.9943
137.65	265.7481	1.997
137.99	265.7481	2.0024
138.66	267.6527	2.0118
139.42	267.6527	2.024
139.54	267.6527	2.0253
139.6	270.1288	2.0253
139.99	270.7478	2.0307
140.81	273.1763	2.0429
141.46	273.1763	2.0523
141.55	273.1763	2.0523
141.64	275.6047	2.055
141.99	275.938	2.0604
142.79	278.3665	2.0726
143.35	278.3665	2.082
143.4	278.3665	2.082
143.47	278.3665	2.0834
143.61	278.3665	2.0807
143.63	278.3665	2.0807
143.65	278.3665	2.082
143.67	280.7949	2.0834
143.99	282.7472	2.0901
144.96	285.1756	2.1036
145.34	285.1756	2.109
145.56	285.1756	2.1117
145.88	287.6041	2.1185
145.99	287.6041	2.1185
146.64	289.8897	2.128
147.4	289.8897	2.1401
147.54	289.8897	2.1374
147.56	292.3181	2.1415

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
113.5	597.6684	1.6473
113.53	597.6684	1.6473
113.55	597.6684	1.6486
113.58	597.6684	1.6486
113.64	597.6684	1.6486
113.68	597.6684	1.6486
113.83	597.6684	1.6473
113.85	597.6684	1.6459
113.87	597.6684	1.6473
113.89	597.6684	1.6459
113.93	597.6684	1.6446
113.95	597.6684	1.6473
113.97	597.6684	1.6513
113.99	599.5047	1.6486
114.07	605.1217	1.654
114.22	605.1217	1.6554
114.32	605.1217	1.654
114.53	605.1217	1.6594
114.89	605.1217	1.6662
115.12	605.1217	1.6675
115.56	605.1217	1.677
115.7	605.1217	1.6756
115.77	605.1217	1.6743
115.79	605.1217	1.6729
115.82	605.1217	1.677
115.89	610.5226	1.6783
115.99	611.6028	1.681
116.52	611.6028	1.6891
116.57	611.6028	1.6905
116.71	611.6028	1.6918
116.89	611.6028	1.6945
117.21	611.6028	1.6986
117.61	611.6028	1.7053
117.87	617.1118	1.708
117.99	618.6241	1.7121
118.07	618.6241	1.7134
118.27	618.6241	1.7161
118.5	618.6241	1.7202
118.87	618.6241	1.7215
119.5	618.6241	1.735
119.58	618.6241	1.735
119.67	618.6241	1.735
119.77	618.6241	1.7323
119.79	618.6241	1.7323
119.81	618.6241	1.7337
119.87	624.025	1.7364
119.99	628.1297	1.7404
120.19	628.1297	1.7431
121.17	628.1297	1.7566
121.5	628.1297	1.7661
121.52	628.1297	1.7661
121.54	628.1297	1.7661

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
76.66	112.0394	1.122
76.721	112.0394	1.122
76.892	112.0394	1.1207
76.933	112.0394	1.1193
76.961	112.0394	1.1193
76.979	112.0394	1.1207
76.992	112.0394	1.1166
77.007	112.0394	1.118
77.017	112.0394	1.1166
77.029	112.0394	1.1166
77.039	112.0394	1.1166
77.052	116.2157	1.1193
77.323	116.2157	1.1288
77.994	116.2157	1.1396
78.439	116.2157	1.1463
78.501	116.2157	1.1477
78.561	116.2157	1.1504
78.602	116.2157	1.149
78.785	116.2157	1.145
78.805	116.2157	1.145
78.824	116.2157	1.145
78.836	116.2157	1.1436
78.854	117.9024	1.1477
79.993	117.9024	1.1679
80.448	117.9024	1.176
80.499	117.9024	1.1774
80.542	117.9024	1.1787
80.583	117.9024	1.1787
80.622	117.9024	1.1774
80.831	117.9024	1.1787
80.87	117.9024	1.1774
80.891	117.9024	1.176
80.907	117.9024	1.1747
80.933	117.9024	1.176
81.993	117.9024	1.1963
82.687	121.1953	1.2057
83.14	121.1953	1.2125
83.993	121.1953	1.226
84.435	121.1953	1.2341
84.495	121.1953	1.2355
84.537	121.1953	1.2355
84.638	121.1953	1.2368
84.724	121.1953	1.2341
84.757	121.1953	1.2328
84.782	121.1953	1.2328
84.797	121.1953	1.2314
84.81	121.9984	1.2341
85.518	121.9984	1.2476
85.945	121.9984	1.2544
85.993	121.9984	1.2544
86.474	121.9984	1.2611
86.661	121.9984	1.2598

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
169.26	521.8684	2.4453
169.37	521.8684	2.448
169.6	524.6128	2.452
169.99	524.6128	2.4561
170.49	526.7115	2.4655
170.75	526.7115	2.4709
170.95	526.7115	2.4723
171.13	529.4559	2.4736
171.63	529.4559	2.4831
171.78	529.4559	2.4817
172.04	532.1465	2.4871
172.14	532.1465	2.4885
172.27	532.1465	2.4898
172.35	532.1465	2.4939
172.64	532.1465	2.4952
172.75	532.1465	2.4979
172.84	532.1465	2.4993
172.98	532.1465	2.4966
172.99	532.1465	2.4993
173.04	534.8909	2.4993
174.22	537.7429	2.5195
174.29	537.7429	2.5195
174.39	537.7429	2.5195
174.7	537.7429	2.529
174.75	537.7429	2.5263
174.94	537.7429	2.5249
174.99	537.7429	2.529
175.18	540.2183	2.5344
175.47	540.2183	2.5357
175.69	540.2183	2.5384
176.94	543.0703	2.5614
176.98	543.0703	2.5587
177.13	543.0703	2.56
177.92	545.7609	2.5722
178.73	545.7609	2.5884
178.76	545.7609	2.5843
178.97	545.7609	2.5843
178.99	545.7609	2.5857
179	548.4515	2.5857
179.67	551.1421	2.5978
179.99	551.1421	2.6019
180.5	553.5099	2.61
180.73	556.2543	2.6113
180.79	559.0525	2.624676
180.84	561.7969	2.629768
180.87	564.5951	2.634936
180.9	567.3395	2.641092
180.93	570.1378	2.643144
180.96	572.8822	2.644132
180.98	575.6804	2.646184
181	578.4248	2.657508
181.02	581.223	2.666704

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
147.99	292.9371	2.1469
148.49	295.3656	2.155
149.38	295.3656	2.1698
149.44	295.3656	2.1712
149.61	295.3656	2.1671
149.63	295.3656	2.1671
149.64	297.794	2.1698
149.76	300.2701	2.1725
149.99	300.2701	2.1766
150.67	301.5557	2.186
151.34	301.5557	2.1982
151.41	301.5557	2.1995
151.57	301.5557	2.1968
151.59	301.5557	2.1968
151.61	303.9842	2.1982
151.99	306.2222	2.2049
153.13	308.6506	2.2225
153.32	308.6506	2.2265
153.57	308.6506	2.2252
153.6	311.079	2.2306
153.99	311.2219	2.2346
154.71	313.6503	2.2441
155.36	313.6503	2.2562
155.55	313.6503	2.2576
155.61	316.0788	2.2576
155.99	316.7454	2.263
156.92	319.1262	2.2765
157.38	319.1262	2.2846
157.54	319.1262	2.2832
157.57	321.5547	2.2873
157.99	322.6975	2.2913
158.76	325.1259	2.3035
159.35	325.1259	2.3129
159.56	325.1259	2.3129
159.6	327.5544	2.3143
159.99	328.5067	2.321
160.51	330.9352	2.3305
161.34	330.9352	2.3426
161.38	330.9352	2.344
161.42	330.9352	2.3453
161.48	330.9352	2.344
161.6	330.9352	2.3413
161.63	330.9352	2.3413
161.65	330.9352	2.3413
161.67	330.9352	2.3413
161.68	333.3636	2.344
161.7	335.792	2.3453
161.99	335.792	2.3494
162.99	337.6967	2.3642
163.32	337.6967	2.371
163.37	337.6967	2.3723
163.58	337.6967	2.3683

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
121.56	628.1297	1.7674
121.57	628.1297	1.7661
121.6	628.1297	1.7674
121.61	628.1297	1.7674
121.63	628.1297	1.7688
121.64	628.1297	1.7688
121.66	628.1297	1.7674
121.68	628.1297	1.7688
121.7	628.1297	1.7688
121.71	628.1297	1.7701
121.74	628.1297	1.7688
121.76	628.1297	1.7661
121.78	628.1297	1.7674
121.99	628.1297	1.7674
122.02	628.1297	1.7661
122.03	628.1297	1.7647
122.05	628.1297	1.7661
122.07	628.1297	1.7634
122.08	628.1297	1.7647
122.09	628.1297	1.7647
122.1	628.1297	1.7634
122.11	628.1297	1.7634
122.13	628.1297	1.7634
122.14	628.1297	1.7647
122.15	628.1297	1.7647
122.16	628.1297	1.7661
122.17	628.1297	1.7634
122.17	628.1297	1.762
122.18	628.1297	1.762
122.19	628.3458	1.7661
122.2	633.9627	1.7661
122.21	639.5797	1.7688
122.23	645.1967	1.7715
122.27	650.7057	1.7755
122.32	650.7057	1.7742
122.42	650.7057	1.7769
122.52	650.7057	1.7755
123.09	650.7057	1.7863
123.14	650.7057	1.7863
123.5	650.7057	1.7944
123.52	650.7057	1.7931
123.54	650.7057	1.7958
123.57	650.7057	1.7958
123.59	650.7057	1.7958
123.6	650.7057	1.7971
123.62	650.7057	1.7971
123.63	650.7057	1.7971
123.64	650.7057	1.7985
123.65	650.7057	1.7971
123.66	650.7057	1.7985
123.68	650.7057	1.7971
123.7	650.7057	1.7958

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
86.684	125.0504	1.2625
87.494	125.0504	1.276
87.993	125.0504	1.2827
88.43	125.0504	1.2922
88.519	125.0504	1.2922
88.692	125.0504	1.2908
88.719	125.0504	1.2895
88.742	127.2189	1.2922
89.993	127.2189	1.3138
90.415	127.2189	1.3219
90.49	127.2189	1.3219
90.57	127.2189	1.3219
90.718	127.2189	1.3178
90.746	127.2189	1.3192
90.764	127.2189	1.3205
90.789	130.5118	1.3219
91.249	130.5118	1.3313
91.992	130.5118	1.3408
92.454	130.5118	1.3489
92.631	130.5118	1.3475
92.683	131.8772	1.3502
93.992	131.8772	1.3705
94.449	131.8772	1.3786
94.525	131.8772	1.3786
94.71	131.8772	1.3772
94.732	131.8772	1.3772
94.753	134.9291	1.3786
95.992	134.9291	1.4002
96.468	134.9291	1.4083
96.67	134.9291	1.4042
96.698	137.178	1.4083
97.992	137.178	1.4285
98.419	137.178	1.4353
98.504	137.178	1.4366
98.58	137.178	1.438
98.695	137.178	1.4366
98.727	137.178	1.4339
98.748	137.178	1.4353
98.771	141.0331	1.4393
99.104	141.0331	1.4447
99.992	141.0331	1.4582
100.4	141.0331	1.465
100.47	141.0331	1.4677
100.54	141.0331	1.4663
100.59	141.0331	1.469
100.73	141.0331	1.465
100.76	141.0331	1.4636
100.77	141.0331	1.465
100.79	141.0331	1.4636
100.81	142.9606	1.4663
101.16	142.9606	1.4731
101.99	142.9606	1.4866

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.04	583.9674	2.667768
181.06	586.7656	2.679016
181.09	589.5101	2.688288
181.11	592.3083	2.689276
181.14	595.0527	2.7006
181.17	597.8509	2.707744
181.22	600.5953	2.708808
181.28	603.3935	2.712912
181.33	606.138	2.727276
181.37	608.9362	2.73442
181.41	611.6806	2.733432
181.49	614.4788	2.730316
181.52	617.277	2.732368
181.54	617.277	2.736472
181.63	617.277	2.743692
181.65	620.0214	2.756004
181.68	622.8197	2.756004
181.71	625.5641	2.769304
181.74	628.3623	2.777512
181.77	631.1067	2.783668
181.81	633.9049	2.794992
181.83	636.6493	2.800084
181.87	639.4476	2.797044
181.9	642.192	2.799096
181.92	644.9902	2.802136
181.94	647.7346	2.81346
181.97	650.5328	2.820604
182	653.2772	2.827824
182.04	656.0755	2.838084
182.07	658.8199	2.840136
182.1	661.6181	2.842188
182.12	664.3625	2.845304
182.16	667.1607	2.855564
182.19	669.9589	2.8545
182.22	672.7034	2.86476
182.24	675.5016	2.874032
182.29	678.246	2.881176
182.33	681.0442	2.88528
182.36	683.7886	2.88528
182.38	686.5868	2.888396
182.41	689.3312	2.899644
182.45	692.1295	2.907852
182.5	694.8739	2.91302
182.57	697.6721	2.915072
182.61	700.4165	2.927384
182.66	703.2147	2.930424
182.7	705.9591	2.930424
182.72	708.7574	2.931488
182.76	711.5018	2.935592
182.8	711.5018	2.942736
182.82	711.5556	2.948892
182.87	714.3	2.950944

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
163.59	337.6967	2.371
163.61	340.1252	2.3723
163.99	340.4585	2.3791
164.72	342.8869	2.3885
165.32	342.8869	2.4007
165.38	342.8869	2.4007
165.59	342.8869	2.398
165.61	342.8869	2.3993
165.62	345.3154	2.4007
165.99	347.4105	2.4074
166.9	349.7913	2.4209
167.33	349.7913	2.4277
167.55	349.7913	2.4304
167.66	352.2198	2.4317
167.99	352.2198	2.4371
168.8	354.6006	2.4507
169.33	354.6006	2.4588
169.38	354.6006	2.4588
169.43	354.6006	2.4601
169.63	354.6006	2.4574
169.65	354.6006	2.4574
169.66	354.6006	2.4588
169.68	357.029	2.4615
169.99	358.9813	2.4655
171.04	361.3621	2.4817
171.31	361.3621	2.4871
171.37	361.3621	2.4858
171.57	361.3621	2.4858
171.59	361.3621	2.4871
171.61	363.7906	2.4912
171.69	363.7906	2.4912
171.88	363.7906	2.4939
171.99	364.7905	2.4952
172.78	367.1714	2.5074
173.33	367.1714	2.5155
173.56	367.1714	2.5168
173.63	369.5998	2.5182
173.99	369.7427	2.5236
174.69	372.1711	2.5344
175.58	374.5519	2.5465
175.99	376.6471	2.5533
177.14	379.0755	2.5695
177.35	379.0755	2.5762
177.43	379.0755	2.5735
177.57	379.0755	2.5722
177.58	379.0755	2.5749
177.61	381.5039	2.5762
177.99	382.9324	2.5816
179.05	385.3133	2.5978
179.32	385.3133	2.6032
179.39	385.3133	2.6032
179.57	385.3133	2.6019

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.74	650.7057	1.7985
123.76	650.7057	1.7971
123.91	650.7057	1.7944
123.99	650.7057	1.7971
124.01	650.7057	1.7958
124.05	650.7057	1.7958
124.07	650.7057	1.7931
124.08	650.7057	1.7944
124.1	650.7057	1.7917
124.11	650.7057	1.7944
124.12	650.7057	1.7944
124.13	650.7057	1.7958
124.14	650.7057	1.7931
124.15	650.7057	1.7931
124.17	650.7057	1.7958
124.17	650.7057	1.7917
124.18	650.7057	1.7931
124.19	650.7057	1.7931
124.21	650.7057	1.7931
124.22	650.7057	1.7944
124.23	650.7057	1.7971
124.26	650.7057	1.7985
124.3	651.3538	1.8012
124.35	656.8627	1.8039
124.49	656.8627	1.8052
124.56	656.8627	1.8079
124.66	656.8627	1.8093
125.05	656.8627	1.816
125.15	656.8627	1.8133
125.5	656.8627	1.8215
125.54	656.8627	1.8215
125.56	656.8627	1.8228
125.59	656.8627	1.8228
125.62	656.8627	1.8242
125.65	656.8627	1.8242
125.67	656.8627	1.8255
125.69	656.8627	1.8255
125.7	656.8627	1.8215
125.76	656.8627	1.8228
125.91	656.8627	1.8228
125.94	656.8627	1.8228
125.96	656.8627	1.8215
125.97	656.8627	1.8201
125.99	656.8627	1.8215
126	656.8627	1.8228
126	656.8627	1.8215
126.01	656.8627	1.8228
126.02	656.8627	1.8215
126.04	656.8627	1.8228
126.05	656.8627	1.8242
126.11	656.8627	1.8296
126.42	656.8627	1.8323

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
102.42	142.9606	1.4947
102.46	142.9606	1.496
102.5	142.9606	1.496
102.54	142.9606	1.4974
102.57	142.9606	1.4974
102.6	142.9606	1.5001
102.64	142.9606	1.5015
102.7	142.9606	1.4974
102.89	142.9606	1.4974
102.93	142.9606	1.4974
102.95	142.9606	1.496
102.97	142.9606	1.4947
102.99	142.9606	1.4947
103	142.9606	1.4933
103.01	142.9606	1.4933
103.02	142.9606	1.492
103.03	145.3701	1.4933
103.05	149.5465	1.5001
103.13	149.5465	1.5028
103.99	149.5465	1.5149
104.42	149.5465	1.5217
104.65	149.5465	1.5231
105.99	149.5465	1.5447
106.42	149.5465	1.5541
106.48	149.5465	1.5528
106.54	149.5465	1.5528
106.71	149.5465	1.5514
106.73	149.5465	1.5501
106.74	149.5465	1.5514
106.76	150.0283	1.5528
107.99	150.0283	1.573
108.42	150.0283	1.5798
108.54	150.0283	1.5825
108.66	150.0283	1.5798
108.68	150.0283	1.5798
108.72	152.5181	1.5838
108.91	152.5181	1.5865
109.99	152.5181	1.6041
110.44	152.5181	1.6108
110.49	152.5181	1.6108
110.57	152.5181	1.6122
110.72	152.5181	1.6095
110.74	152.5181	1.6081
110.76	152.5181	1.6068
110.77	154.4457	1.6095
110.77	158.622	1.6135
110.82	158.622	1.6189
110.84	158.622	1.6189
110.86	158.622	1.6176
110.89	158.622	1.6176
110.9	158.622	1.6216
110.92	158.622	1.6216

UCS Test Results@ 28 days, Stage Four

S2N4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
182.92	714.3	2.952008
182.93	714.3	2.958164
182.94	714.3	2.96432
182.99	708.7574	3.11579

S2N4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
179.59	385.3133	2.6019
179.6	387.7417	2.6046
179.99	387.7417	2.61
180.45	390.1702	2.6181
181.38	390.1702	2.6329
181.56	390.1702	2.6302
181.57	392.551	2.6329
181.99	394.3128	2.6397
182.39	396.7413	2.6464
183.59	399.1221	2.6626
183.99	400.4077	2.6694
184.65	402.8362	2.6775
185.54	405.217	2.6923
185.98	406.6455	2.6991
186.6	409.0739	2.7058
187.24	411.5024	2.7166
187.29	411.5024	2.718
187.34	411.5024	2.7193
187.39	411.5024	2.7207
187.44	411.5024	2.722
187.49	411.5024	2.7207
187.62	411.5024	2.718
187.65	411.5024	2.7193
187.67	411.5024	2.7166
187.69	411.5024	2.7207
187.7	411.5024	2.7193
187.72	413.9308	2.7234
187.98	414.0737	2.7275
189.05	416.4545	2.7423
189.3	416.4545	2.7477
189.38	416.4545	2.7504
189.52	416.4545	2.7464
189.54	416.4545	2.7504
189.63	418.883	2.7504
189.98	419.3115	2.7558
190.65	421.7399	2.7666
191.32	421.7399	2.7774
191.44	421.7399	2.7774
191.56	421.7399	2.7761
191.58	421.7399	2.7761
191.6	424.1208	2.7788
191.98	425.0731	2.7842
192.61	427.5016	2.795
193.21	429.8824	2.8044
193.28	429.8824	2.8071
193.32	429.8824	2.8044
193.37	429.8824	2.8085
193.44	429.8824	2.8071
193.59	429.8824	2.8058
193.62	429.8824	2.8044
193.63	429.8824	2.8058
193.64	429.8824	2.8071

S3N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
126.51	656.8627	1.835
126.69	656.8627	1.8363
127.01	656.8627	1.8417
127.1	656.8627	1.8444
127.22	656.8627	1.8431
127.23	656.8627	1.8458
127.51	656.8627	1.8512
127.56	656.8627	1.8512
127.59	656.8627	1.8525
127.61	656.8627	1.8525
127.63	656.8627	1.8525
127.69	656.8627	1.8498
127.8	656.8627	1.8498
127.82	656.8627	1.8512
127.86	656.8627	1.8512
127.91	656.8627	1.8498
127.94	656.8627	1.8512
127.95	656.8627	1.8512
127.99	656.8627	1.8539
127.99	656.8627	1.8552
128.54	656.8627	1.8647
128.59	656.8627	1.8647
128.84	656.8627	1.8674
128.94	656.8627	1.8687
129.04	656.8627	1.8714
129.29	656.8627	1.8768
129.34	656.8627	1.8755
129.43	656.8627	1.8809
129.71	656.8627	1.8809
129.78	656.8627	1.8795
129.91	656.8627	1.8822
129.99	656.8627	1.8849
130.51	656.8627	1.893
130.6	656.8627	1.893
130.96	661.5075	1.8984
131.26	661.5075	1.9052
131.6	661.5075	1.9106
131.63	661.5075	1.9119
131.65	661.5075	1.9119
131.68	661.5075	1.9119
131.73	661.5075	1.9119
131.76	661.5075	1.9092
131.83	661.5075	1.9079
131.85	661.5075	1.9106
131.86	661.5075	1.9079
131.89	661.5075	1.9079
131.91	661.5075	1.9065
131.94	661.5075	1.9092
131.96	661.5075	1.9092
131.99	663.992	1.9119
132.02	669.609	1.9146
132.25	669.609	1.9187

S3N2-2 Carbonatec

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
110.94	158.622	1.6216
110.95	158.622	1.6216
110.96	158.622	1.623
110.98	158.622	1.623
110.99	158.622	1.623
111	158.622	1.6216
111.02	158.622	1.6189
111.15	158.622	1.6176
111.19	158.622	1.6176
111.21	158.622	1.6162
111.23	158.622	1.6135
111.24	158.622	1.6149
111.25	158.622	1.6135
111.26	158.622	1.6135
111.27	158.622	1.6122
111.28	158.622	1.6135
111.29	158.622	1.6122
111.3	158.622	1.6122
111.31	158.622	1.6149
111.33	158.622	1.6203
111.45	158.622	1.6243
111.99	158.622	1.6324
112.41	158.622	1.6392
112.47	158.622	1.6378
112.52	158.622	1.6419
112.57	158.622	1.6419
112.71	158.622	1.6392
112.74	158.622	1.6392
112.76	158.622	1.6392
112.77	158.622	1.6365
112.79	158.622	1.6392
113.99	158.622	1.6608
114.39	158.622	1.6662
114.53	158.622	1.6675
114.61	158.622	1.6662
114.64	158.622	1.6675
114.67	161.2724	1.6689
115.99	161.2724	1.6891
116.38	161.2724	1.6959
116.43	161.2724	1.6986
116.46	161.2724	1.6986
116.49	161.2724	1.7013
116.51	161.2724	1.7013
116.53	161.2724	1.7013
116.55	161.2724	1.6999
116.57	161.2724	1.7026
116.59	161.2724	1.7026
116.61	161.2724	1.7026
116.63	161.2724	1.6999
116.77	161.2724	1.6986
116.8	161.2724	1.6972
116.82	161.2724	1.6972

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.76	432.3108	2.8098
193.98	432.3108	2.8139
194.67	434.2155	2.8247
195.37	434.2155	2.8328
195.52	434.2155	2.8341
195.61	436.5963	2.8368
195.98	437.0725	2.8422
196.57	439.5009	2.8503
197.37	439.5009	2.8625
197.51	439.5009	2.8625
197.53	441.8341	2.8665
197.72	444.3102	2.8679
197.88	444.3102	2.8706
197.98	444.3102	2.8733
198.18	445.0721	2.8746
199.01	447.4529	2.8881
199.1	447.4529	2.8881
199.19	447.4529	2.8881
199.29	447.4529	2.8935
199.54	447.4529	2.8922
199.66	449.8813	2.8962
199.98	449.8813	2.9016
200.12	450.5004	2.903
201.03	453.024	2.9165
201.29	453.024	2.9219
201.35	453.024	2.9219
201.46	453.024	2.9232
201.57	453.024	2.9205
201.58	453.024	2.9205
201.6	453.024	2.9232
201.64	455.4525	2.9246
201.98	455.4525	2.93
202.39	456.5477	2.9354
203.32	456.5477	2.9516
203.39	456.5477	2.9516
203.57	456.5477	2.9475
203.59	456.5477	2.9502
203.6	458.9285	2.9516
203.87	461.3093	2.9583
203.95	461.3093	2.9583
203.98	461.3093	2.957
204.02	461.7855	2.9597
205.11	464.3568	2.9745
205.29	464.3568	2.9786
205.52	464.3568	2.9813
205.98	465.2615	2.988
206.7	467.6423	2.9975
207.31	467.6423	3.0069
207.42	467.6423	3.0083
207.54	467.6423	3.0069
207.55	467.6423	3.0083
207.58	470.0232	3.011

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.29	669.609	1.92
132.37	669.609	1.92
132.4	669.609	1.92
132.56	669.609	1.92
132.58	669.609	1.92
132.62	669.609	1.92
132.72	669.609	1.9254
133.01	669.609	1.9295
133.18	669.609	1.9281
133.51	669.609	1.9376
133.55	669.609	1.9389
133.57	669.609	1.9389
133.58	669.609	1.9403
133.61	669.609	1.9403
133.63	669.609	1.9416
133.66	669.609	1.9416
133.68	669.609	1.9389
133.72	669.609	1.9403
133.79	669.609	1.9389
133.9	669.609	1.9389
133.92	669.609	1.9389
133.95	669.609	1.9376
133.97	669.609	1.9389
133.99	669.609	1.9376
133.99	669.609	1.9362
134	669.609	1.9362
134.02	669.609	1.9376
134.04	669.609	1.9376
134.05	669.609	1.9389
134.06	669.825	1.9403
134.08	675.442	1.9416
134.16	680.9509	1.9457
134.42	680.9509	1.9497
134.53	680.9509	1.9497
134.63	680.9509	1.9511
134.68	680.9509	1.9538
134.95	680.9509	1.9578
135.53	680.9509	1.9673
135.8	680.9509	1.9659
135.9	680.9509	1.9686
135.94	686.4599	1.9713
135.99	686.784	1.9727
136.05	686.784	1.9727
136.22	686.784	1.9754
136.39	686.784	1.9781
136.54	686.784	1.9794
136.91	686.784	1.9862
137.1	686.784	1.9875
137.45	686.784	1.9943
137.74	686.784	1.9956
137.99	687.7561	1.9997
138.14	693.2651	2.0037

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
116.84	161.2724	1.6972
116.85	161.2724	1.6959
116.87	161.2724	1.6959
116.88	161.2724	1.6945
116.89	161.2724	1.6945
116.89	161.2724	1.6945
116.91	161.2724	1.6932
116.91	161.2724	1.6932
116.92	163.7622	1.6959
116.94	167.9386	1.6999
117.02	167.9386	1.704
117.99	167.9386	1.7188
118.4	167.9386	1.7242
118.52	167.9386	1.7256
118.61	167.9386	1.7242
118.65	167.9386	1.7256
119.97	167.9386	1.7472
119.99	167.9386	1.7472
120.4	167.9386	1.7539
120.48	167.9386	1.7566
120.65	167.9386	1.7512
120.67	167.9386	1.7512
120.69	171.4724	1.7553
120.94	171.4724	1.7607
121.99	171.4724	1.7755
122.38	171.4724	1.7823
122.46	171.4724	1.7863
122.52	171.4724	1.785
122.69	171.4724	1.7823
122.71	171.4724	1.7809
122.73	171.4724	1.7823
122.74	174.4441	1.785
123.99	174.4441	1.8052
124.38	174.4441	1.812
124.65	174.4441	1.812
124.67	178.2992	1.8133
125.99	178.7811	1.8336
126.38	178.7811	1.8404
126.48	178.7811	1.8417
126.64	178.7811	1.839
126.66	178.7811	1.8404
127.99	181.2709	1.8633
128.38	181.2709	1.8701
128.62	181.2709	1.8701
129.85	185.3669	1.889
129.99	185.3669	1.8903
130.41	185.3669	1.8998
130.6	185.3669	1.8984
130.65	189.3024	1.8998
131.99	190.3465	1.9214
132.38	190.3465	1.9295
132.63	190.3465	1.9268

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
207.98	470.0232	3.0164
208.27	472.1183	3.0204
209.41	472.1183	3.0394
209.51	472.1183	3.0366
209.52	474.4515	3.0407
209.98	474.4515	3.0448
210.07	476.6895	3.0475
210.81	479.0703	3.0583
210.87	479.0703	3.0583
211.03	479.0703	3.0623
211.32	479.0703	3.0677
211.37	479.0703	3.0677
211.45	479.0703	3.0691
211.58	479.0703	3.0664
211.61	479.0703	3.065
211.62	479.0703	3.0677
211.64	481.4511	3.0691
211.98	482.4035	3.0745
213.04	484.9271	3.0893
213.29	484.9271	3.0961
213.41	484.9271	3.0961
213.53	484.9271	3.0947
213.54	484.9271	3.0961
213.72	487.3556	3.1001
213.83	487.3556	3.1015
213.93	487.3556	3.1015
213.98	487.6413	3.1042
215.14	490.165	3.1204
215.26	490.165	3.1231
215.33	490.165	3.1231
215.51	490.165	3.1231
215.52	490.165	3.1258
215.94	492.5458	3.1312
215.98	493.022	3.1339
217.39	493.022	3.1541
217.51	493.022	3.1528
217.52	495.3552	3.1555
217.64	497.7836	3.1568
217.87	497.7836	3.1609
217.98	497.7836	3.1622
218.29	499.2121	3.1663
219.33	499.2121	3.1825
219.54	499.2121	3.1811
219.55	501.5453	3.1838
219.98	503.6404	3.1919
220.52	506.0213	3.1987
220.97	506.0213	3.2041
221.03	506.0213	3.2054
221.28	506.0213	3.2108
221.33	506.0213	3.2122
221.37	506.0213	3.2122
221.45	506.0213	3.2135

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
138.23	693.2651	2.0051
138.44	693.2651	2.0091
138.71	693.2651	2.0105
138.82	693.2651	2.0145
139.51	693.2651	2.0226
139.78	693.2651	2.0267
139.84	698.666	2.028
139.99	698.666	2.0321
140.07	698.666	2.0334
140.24	698.666	2.0321
140.3	700.5024	2.0348
140.79	700.5024	2.0415
140.81	700.5024	2.0415
140.91	700.5024	2.0429
141	700.5024	2.0442
141.08	700.5024	2.0456
141.45	700.5024	2.0523
141.59	700.5024	2.0523
141.74	700.5024	2.0523
141.75	700.5024	2.0537
141.88	700.5024	2.0577
141.99	700.5024	2.0604
142.19	700.5024	2.0631
142.46	700.5024	2.0658
142.88	700.5024	2.0739
142.95	700.5024	2.0726
143.03	700.5024	2.0766
143.11	700.5024	2.0753
143.21	700.5024	2.0753
143.26	700.5024	2.0753
143.36	700.5024	2.0793
143.49	700.5024	2.082
143.51	700.5024	2.0834
143.55	700.5024	2.0847
143.57	700.5024	2.0874
143.62	700.5024	2.0847
143.82	700.5024	2.0834
143.84	700.5024	2.082
143.88	700.5024	2.082
143.9	700.5024	2.082
143.92	700.5024	2.0834
143.95	700.9344	2.0861
143.99	705.3632	2.0874
144.31	705.3632	2.0915
144.97	705.3632	2.1036
145.09	705.3632	2.105
145.61	705.3632	2.1117
145.76	705.3632	2.1117
145.99	705.3632	2.1171
146.21	705.3632	2.1212
146.24	705.3632	2.1226
146.31	705.3632	2.1226

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.66	194.4425	1.9295
133.04	194.4425	1.9362
133.99	194.4425	1.9497
134.39	194.4425	1.9551
134.58	194.4425	1.9565
134.63	194.4425	1.9551
134.65	194.4425	1.9551
134.67	196.611	1.9578
135.99	197.9764	1.9794
136.39	197.9764	1.9862
136.45	197.9764	1.9875
136.53	197.9764	1.9875
136.66	197.9764	1.9848
136.69	197.9764	1.9848
136.7	197.9764	1.9848
136.72	202.1528	1.9875
137.99	202.1528	2.0064
138.39	202.1528	2.0159
138.45	202.1528	2.0159
138.5	202.1528	2.0186
138.57	202.1528	2.0159
138.66	202.1528	2.0159
138.7	202.1528	2.0145
138.72	202.1528	2.0132
138.73	202.1528	2.0145
138.75	205.1244	2.0159
139.99	207.052	2.0361
140.38	207.052	2.0429
140.52	207.052	2.0456
140.61	207.052	2.0442
140.64	207.052	2.0429
140.66	211.148	2.0442
140.73	211.148	2.0483
140.76	211.148	2.0469
141.99	211.148	2.0658
142.38	211.148	2.0739
142.42	211.148	2.0753
142.44	211.148	2.0753
142.47	211.148	2.0753
142.49	211.148	2.0766
142.52	211.148	2.078
142.53	211.148	2.078
142.55	211.148	2.078
142.57	211.148	2.078
142.59	211.148	2.0793
142.61	211.148	2.078
142.65	211.148	2.078
142.79	211.148	2.0753
142.82	211.148	2.0753
142.84	211.148	2.0739
142.85	211.148	2.0726
142.87	211.148	2.0712

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
221.56	506.0213	3.2108
221.58	506.0213	3.2108
221.6	506.0213	3.2095
221.61	506.0213	3.2122
221.63	508.3545	3.2149
221.98	509.3068	3.2203
223.03	511.8305	3.2365
223.09	511.8305	3.2378
223.51	511.8305	3.2432
223.98	512.4019	3.2486
224.44	514.8303	3.254
224.56	514.8303	3.2567
224.62	514.8303	3.2581
225.29	514.8303	3.2675
225.51	514.8303	3.2702
225.56	517.1636	3.2702
225.69	519.592	3.2729
225.98	519.592	3.2783
226.1	519.9253	3.2783
227.18	522.4014	3.2959
227.27	522.4014	3.2972
227.35	522.4014	3.2972
227.53	522.4014	3.2999
227.69	522.4014	3.3026
227.98	522.4966	3.3067
229.55	524.9727	3.3283
229.69	527.4011	3.3323
229.98	527.4011	3.335
231.04	528.9248	3.3513
231.26	528.9248	3.3553
231.34	528.9248	3.3567
231.53	528.9248	3.3553
231.54	528.9248	3.3567
231.57	531.3057	3.3594
231.98	531.3057	3.3661
232.2	531.3057	3.3688
232.41	531.3057	3.3702
233.27	531.3057	3.3837
233.5	531.3057	3.3864
233.59	532.6389	3.3877
233.98	534.5436	3.3918
234.73	537.0673	3.4039
234.91	537.0673	3.4066
235.36	537.0673	3.4147
235.46	537.0673	3.4147
235.51	537.0673	3.4161
235.61	539.4481	3.4174
235.98	539.4481	3.4228
237.03	541.5909	3.4377
237.17	541.5909	3.439
237.31	541.5909	3.4431
237.39	541.5909	3.4444

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.4	705.3632	2.1212
146.47	705.3632	2.1226
146.54	705.3632	2.1226
146.62	710.3321	2.1266
146.83	710.3321	2.1307
147.23	710.3321	2.1361
147.46	710.3321	2.1401
147.54	710.3321	2.1401
147.75	710.3321	2.1388
147.78	710.3321	2.1428
147.99	710.3321	2.1455
148.12	713.4646	2.1482
148.49	713.4646	2.155
148.82	713.4646	2.1577
149.42	718.9736	2.1685
149.49	718.9736	2.1698
149.55	718.9736	2.1698
149.78	718.9736	2.1698
149.85	718.9736	2.1725
149.99	718.9736	2.1752
150.2	720.7019	2.1793
150.72	720.7019	2.1874
150.88	720.7019	2.1874
151.17	720.7019	2.1914
151.76	720.7019	2.1995
151.88	726.1028	2.2022
151.99	726.1028	2.2049
152.33	726.1028	2.2076
152.38	726.1028	2.2076
152.89	726.1028	2.2171
152.96	726.1028	2.2171
153.12	730.0995	2.2211
153.3	730.0995	2.2225
153.78	730.0995	2.2306
153.99	734.8524	2.236
154.07	734.8524	2.2346
155.38	734.8524	2.2522
155.49	734.8524	2.2562
155.57	734.8524	2.2562
155.6	734.8524	2.2589
155.63	734.8524	2.2603
155.67	734.8524	2.2576
155.81	734.8524	2.2562
155.83	734.8524	2.2562
155.85	734.8524	2.2549
155.88	734.8524	2.2576
155.9	734.8524	2.2589
155.98	740.2533	2.263
155.99	740.5774	2.2643
156.27	740.5774	2.2657
156.63	740.5774	2.2711
156.75	740.5774	2.2711

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
142.88	211.148	2.0712
142.89	211.148	2.0712
142.9	211.148	2.0712
142.91	211.148	2.0699
142.92	211.148	2.0685
142.92	211.148	2.0712
142.93	211.148	2.0685
142.94	211.148	2.0726
142.95	211.6299	2.0753
143.16	211.6299	2.0834
143.99	211.6299	2.0942
144.38	211.6299	2.1023
144.42	211.6299	2.105
144.46	211.6299	2.1036
144.49	211.6299	2.1063
144.52	211.6299	2.105
144.54	211.6299	2.1077
144.56	211.6299	2.1077
144.59	211.6299	2.105
144.62	211.6299	2.1063
144.68	211.6299	2.1063
144.9	211.6299	2.1063
144.94	211.6299	2.105
144.96	211.6299	2.105
144.97	211.6299	2.105
144.98	211.6299	2.1036
145	211.6299	2.1023
145.01	211.6299	2.1023
145.02	211.6299	2.1023
145.03	211.6299	2.1009
145.03	211.6299	2.1009
145.04	213.2362	2.1036
145.05	217.4126	2.105
145.07	221.589	2.1077
145.14	221.589	2.1131
145.44	221.589	2.1158
145.99	221.589	2.1239
146.35	221.589	2.1307
146.41	221.589	2.132
146.49	221.589	2.132
146.65	221.589	2.1307
146.67	221.589	2.1293
146.69	221.589	2.1307
146.73	221.589	2.1334
147	221.589	2.1388
147.97	221.589	2.1536
147.99	221.589	2.1536
148.38	221.589	2.159
148.59	221.589	2.159
148.66	223.115	2.1604
149.99	225.0425	2.182
150.37	225.0425	2.1901

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
237.5	541.5909	3.4431
237.51	541.5909	3.4444
237.57	541.5909	3.4444
237.98	541.5909	3.4512
239.26	541.5909	3.4741
239.29	541.5909	3.4701
239.34	541.5909	3.4728
239.39	541.5909	3.4728
239.54	541.5909	3.4714
239.56	541.5909	3.4714
239.57	541.5909	3.4728
239.59	541.5909	3.4741
239.98	541.5909	3.4809
241.29	541.5909	3.5011
241.5	541.5909	3.5011
241.57	543.8288	3.5025
241.98	543.8288	3.5106
243.14	546.2573	3.5268
243.26	546.2573	3.5295
243.36	546.2573	3.5308
243.48	546.2573	3.5295
243.51	546.2573	3.5335
243.77	548.6381	3.5362
243.98	548.6381	3.5389
244.05	548.6381	3.5403
244.17	548.6381	3.5403
245.28	548.6381	3.5605
245.32	548.6381	3.5592
245.34	548.6381	3.5592
245.39	548.6381	3.5619
245.46	548.6381	3.5619
245.55	548.6381	3.5592
245.57	548.6381	3.5578
245.59	548.6381	3.5578
245.6	548.6381	3.5578
245.61	548.6381	3.5592
245.62	550.9237	3.5605
245.83	553.3521	3.5646
245.98	553.3521	3.5686
247.3	553.3521	3.5875
247.39	553.3521	3.5875
247.49	553.3521	3.5862
247.51	553.3521	3.5902
247.55	554.6378	3.5902
247.98	555.5901	3.597
249.3	555.5901	3.6186
249.38	555.5901	3.6159
249.51	555.5901	3.6159
249.53	555.6377	3.6159
249.54	558.0662	3.6186
249.65	560.4946	3.6199
249.98	560.4946	3.6253

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
156.82	740.5774	2.2711
156.9	740.5774	2.2751
157.49	740.5774	2.2846
157.57	740.5774	2.2859
157.64	740.5774	2.2873
157.8	740.5774	2.2846
157.82	740.5774	2.2859
157.85	740.5774	2.2886
157.99	740.5774	2.2913
158.49	740.5774	2.2994
158.64	740.5774	2.2981
159.15	740.5774	2.3075
159.42	740.5774	2.3129
159.49	740.5774	2.3143
159.72	740.5774	2.3143
159.82	740.5774	2.3183
159.99	740.5774	2.3197
161.08	740.5774	2.3372
161.53	740.5774	2.3453
161.56	740.5774	2.344
161.59	740.5774	2.3453
161.63	740.5774	2.3453
161.79	740.5774	2.344
161.82	740.5774	2.3426
161.84	740.5774	2.3426
161.87	740.5774	2.344
161.92	741.7656	2.348
161.99	742.1976	2.3494
162.15	742.1976	2.3521
162.34	742.1976	2.3534
162.42	742.1976	2.3561
162.5	742.1976	2.3575
162.82	742.1976	2.3602
163.2	742.1976	2.3656
163.3	742.1976	2.3669
163.57	742.1976	2.3723
163.74	742.1976	2.3723
163.79	742.1976	2.375
163.99	744.142	2.3791
164.21	744.142	2.3818
164.55	744.142	2.3858
164.75	744.142	2.3885
164.88	744.142	2.3899
165.44	744.142	2.3993
165.49	744.142	2.3993
165.58	744.142	2.402
165.7	744.142	2.4007
165.73	744.142	2.398
165.76	744.142	2.402
165.81	749.5429	2.4034
165.99	749.5429	2.4074
167.82	752.6755	2.4331

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
150.42	225.0425	2.1901
150.46	225.0425	2.1901
150.51	225.0425	2.1914
150.57	225.0425	2.1901
150.68	225.0425	2.1887
150.71	225.0425	2.1887
150.74	225.0425	2.1887
150.75	225.0425	2.1887
150.76	225.0425	2.1874
150.78	229.1386	2.1901
150.81	233.315	2.1928
150.88	233.315	2.1941
151.99	233.315	2.2103
152.38	233.315	2.2184
152.46	233.315	2.2184
152.64	233.315	2.2157
152.66	233.315	2.2171
152.68	234.0378	2.2211
153.99	234.0378	2.24
154.39	234.0378	2.2481
154.48	234.0378	2.2481
154.62	234.0378	2.2454
154.64	234.0378	2.2454
154.66	238.1339	2.2481
155.99	239.7402	2.2684
156.38	239.7402	2.2778
156.41	239.7402	2.2778
156.45	239.7402	2.2778
156.49	239.7402	2.2792
156.52	239.7402	2.2805
156.55	239.7402	2.2805
156.58	239.7402	2.2792
156.63	239.7402	2.2792
156.79	239.7402	2.2778
156.83	239.7402	2.2778
156.86	239.7402	2.2792
156.87	239.7402	2.2765
156.89	239.7402	2.2778
156.9	239.7402	2.2751
156.91	239.7402	2.2751
156.92	239.7402	2.2751
156.93	243.9165	2.2778
156.94	248.0126	2.2819
157.23	248.0126	2.2859
157.99	248.0126	2.2967
158.39	248.0126	2.3048
158.63	248.0126	2.3035
158.64	248.0126	2.3048
159.99	249.0567	2.3264
160.39	249.0567	2.3345
160.44	249.0567	2.3359
160.48	249.0567	2.3372

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
251.31	560.4946	3.6456
251.53	560.4946	3.6443
251.55	561.7803	3.647
251.98	563.0183	3.6537
253.31	563.0183	3.6753
253.43	563.0183	3.6753
253.48	563.0183	3.674
253.5	563.0659	3.678
253.55	565.4944	3.6767
253.98	565.7801	3.6834
255	568.2561	3.6996
255.07	568.2561	3.6996
255.16	568.2561	3.7023
255.23	568.2561	3.705
255.26	568.2561	3.7037
255.31	568.2561	3.7023
255.5	568.2561	3.7023
255.51	568.2561	3.7064
255.55	568.2561	3.705
255.58	570.637	3.7064
255.98	570.637	3.7118
257.09	571.8274	3.728
257.24	571.8274	3.7307
257.28	571.8274	3.7334
257.33	571.8274	3.7334
257.4	571.8274	3.7347
257.51	571.8274	3.7334
257.54	571.8274	3.732
257.55	571.8274	3.7334
257.56	571.8274	3.7347
257.98	573.2083	3.7415
259.27	573.2083	3.7617
259.33	573.2083	3.7617
259.51	573.2083	3.7604
259.52	573.2083	3.7617
259.54	575.6367	3.7631
259.98	576.1129	3.7698
261.25	576.1129	3.7901
261.3	576.1129	3.7914
261.51	576.1129	3.7901
261.53	576.1129	3.7928
261.61	578.5413	3.7928
261.7	578.5413	3.7955
261.98	578.5413	3.7995
263.25	578.5413	3.8211
263.29	578.5413	3.8198
263.36	578.5413	3.8198
263.5	578.5413	3.8211
263.52	578.5413	3.8184
263.54	578.5413	3.8225
263.98	578.6365	3.8279
264.28	578.6365	3.8333

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.99	753.4316	2.4372
168.08	753.4316	2.4372
168.83	753.4316	2.448
169.4	753.4316	2.4561
169.73	753.4316	2.4601
169.96	753.4316	2.4628
169.99	753.4316	2.4642
170.1	753.4316	2.4655
170.52	753.4316	2.4709
170.59	753.4316	2.4709
170.86	753.4316	2.475
170.91	753.4316	2.4763
171.2	753.4316	2.4817
171.62	753.4316	2.4858
171.67	753.4316	2.4858
171.81	753.4316	2.4912
171.99	754.8358	2.4925
172.8	754.8358	2.5047
173.21	754.8358	2.5114
173.31	754.8358	2.5128
173.36	754.8358	2.5141
173.51	754.8358	2.5141
173.73	754.8358	2.5182
173.99	755.7	2.5236
174.68	755.7	2.533
175.58	755.7	2.5465
175.76	755.7	2.5452
175.81	755.7	2.5492
175.99	756.2401	2.5519
176.08	756.2401	2.5533
176.15	756.2401	2.5533
176.62	756.2401	2.5587
177.19	756.2401	2.5681
177.42	756.2401	2.5735
177.83	756.2401	2.5776
177.99	757.1042	2.5803
178.83	757.1042	2.5911
179.23	757.1042	2.5992
179.59	757.1042	2.6046
179.75	757.1042	2.6046
179.78	762.5052	2.6073
179.94	762.5052	2.6086
179.99	762.5052	2.6086
180.62	762.5052	2.6181
180.83	762.5052	2.6194
181.77	762.5052	2.6343
181.99	762.5052	2.6383
182.35	762.5052	2.6451
182.53	762.5052	2.6451
183.14	762.5052	2.6532
183.28	762.5052	2.6559
183.37	762.5052	2.6586

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
160.56	249.0567	2.3359
160.67	249.0567	2.3332
160.7	249.0567	2.3332
160.72	249.0567	2.3332
160.73	249.0567	2.3318
160.74	253.1528	2.3332
160.76	257.3291	2.3359
161.08	257.3291	2.3426
161.99	257.3291	2.3561
162.39	257.3291	2.3629
162.44	257.3291	2.3642
162.5	257.3291	2.3642
162.55	257.3291	2.3642
162.67	257.3291	2.3629
162.7	257.3291	2.3615
162.71	257.3291	2.3629
162.73	257.3291	2.3615
162.75	258.8551	2.3642
162.77	263.0315	2.3669
162.95	263.0315	2.3696
163.99	263.0315	2.3858
164.36	263.0315	2.3926
164.42	263.0315	2.3926
164.61	263.0315	2.3885
164.63	263.0315	2.3912
164.65	265.4409	2.3939
164.82	265.4409	2.3966
165.43	265.4409	2.4061
165.99	265.9228	2.4128
166.39	265.9228	2.4223
166.44	265.9228	2.4223
166.65	265.9228	2.4183
166.67	265.9228	2.4196
166.68	270.0992	2.4223
167.99	270.0992	2.4426
168.4	270.0992	2.4493
168.46	270.0992	2.452
168.62	270.0992	2.448
168.64	270.0992	2.448
168.65	273.5528	2.4493
169.99	275.4803	2.4709
170.35	275.4803	2.479
170.4	275.4803	2.4804
170.46	275.4803	2.4804
170.52	275.4803	2.4804
170.68	275.4803	2.4804
170.71	275.4803	2.4777
170.72	275.4803	2.4777
170.74	275.4803	2.479
170.75	279.5764	2.4804
171.24	279.5764	2.4898
171.42	279.5764	2.4925

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
264.37	578.6365	3.8346
265.19	581.1126	3.8468
265.24	581.1126	3.8495
265.27	581.1126	3.8495
265.31	581.1126	3.8508
265.35	581.1126	3.8481
265.54	581.1126	3.8468
265.56	581.1126	3.8481
265.56	581.1126	3.8495
265.58	581.1126	3.8508
265.98	581.5412	3.8562
267.52	583.9696	3.8805
267.98	584.1124	3.8859
268.89	586.5885	3.8994
269.24	586.5885	3.9062
269.29	586.5885	3.9062
269.47	586.5885	3.9048
269.49	586.5885	3.9089
269.74	588.9693	3.9116
269.98	588.9693	3.9156
271.19	590.3026	3.9318
271.24	590.3026	3.9345
271.27	590.3026	3.9359
271.32	590.3026	3.9359
271.35	590.3026	3.9359
271.45	590.3026	3.9386
271.53	590.3026	3.9345
271.55	590.3026	3.9345
271.56	590.3026	3.9345
271.57	590.3026	3.9359
271.59	590.3026	3.9372
271.98	591.3502	3.9454
273.33	591.3502	3.9643
273.48	591.3502	3.9643
273.5	593.6358	3.967
273.98	593.6358	3.9737
275.27	593.6358	3.994
275.49	593.6358	3.9953
275.58	596.0166	3.9967
275.98	596.0166	4.0034
277.26	596.0166	4.0237
277.34	596.0166	4.0223
277.5	596.0166	4.021
277.51	596.0166	4.0223
277.53	598.1117	4.0237
277.98	598.8736	4.0304
279.26	598.8736	4.0507
279.31	598.8736	4.0493
279.51	598.8736	4.0507
279.53	598.8736	4.052
279.55	601.302	4.0534
279.98	601.302	4.0601

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.49	762.5052	2.6599
183.56	762.5052	2.6626
183.7	762.5052	2.6613
183.76	762.5052	2.6626
183.99	764.2335	2.6667
184.16	764.2335	2.6694
184.33	764.2335	2.6721
184.46	764.2335	2.6734
184.62	764.2335	2.6761
185.33	764.2335	2.6856
185.43	764.2335	2.6883
185.55	764.2335	2.6896
185.76	764.2335	2.691
185.98	765.0976	2.695
187.52	765.0976	2.718
187.74	765.0976	2.7207
187.98	765.2057	2.7247
189.59	765.2057	2.7477
189.72	765.2057	2.7464
189.84	770.6066	2.7518
189.98	770.6066	2.7545
191.65	770.6066	2.7761
191.7	770.6066	2.7788
191.82	771.4708	2.7788
191.98	771.4708	2.7828
193.01	771.4708	2.7963
193.57	771.4708	2.8044
193.75	771.4708	2.8044
193.77	771.4708	2.8071
193.98	771.4708	2.8112
195.55	771.4708	2.8341
195.7	771.4708	2.8341
195.95	772.875	2.8382
195.98	773.9552	2.8409
196.31	773.9552	2.8449
196.49	773.9552	2.8476
197.07	768.3382	2.8557
197.28	773.8472	2.8584
197.39	768.2302	2.8598
197.62	762.7212	2.8638
197.71	768.2302	2.8652
197.86	773.7392	2.8665
197.98	775.5755	2.8692
198.44	769.9585	2.8746
198.78	775.4675	2.8814
199.49	769.8505	2.8908
199.77	775.3594	2.8935
199.98	771.2547	2.8989
201.56	765.5297	2.9205
201.67	771.1467	2.9219
201.91	776.6557	2.9259
201.98	773.3071	2.9273

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
171.99	279.5764	2.5006
172.37	279.5764	2.5074
172.43	279.5764	2.5087
172.53	279.5764	2.5087
172.62	279.5764	2.506
172.65	279.5764	2.5074
172.67	279.5764	2.5074
172.68	282.2268	2.5087
173.16	282.2268	2.5168
173.99	282.2268	2.5276
174.41	282.2268	2.5357
174.56	282.2268	2.5371
174.62	285.5197	2.5384
175.99	288.1701	2.5587
176.39	288.1701	2.5681
176.47	288.1701	2.5668
176.62	288.1701	2.5641
176.64	288.1701	2.5654
176.66	292.3465	2.5668
177.99	294.4346	2.587
178.36	294.4346	2.5938
178.46	294.4346	2.5965
178.61	294.4346	2.5938
178.63	294.4346	2.5951
178.65	298.5307	2.5951
179.99	299.0126	2.6167
180.37	299.0126	2.6248
180.41	299.0126	2.6262
180.45	299.0126	2.6262
180.49	299.0126	2.6248
180.54	299.0126	2.6275
180.57	299.0126	2.6248
180.7	299.0126	2.6248
180.73	299.0126	2.6248
180.76	299.0126	2.6235
180.77	299.0126	2.6248
180.79	299.0126	2.6221
180.8	299.0126	2.6221
180.81	303.189	2.6235
180.83	307.285	2.6262
181.99	307.285	2.6464
182.63	309.9354	2.6532
183.6	309.9354	2.6694
183.79	309.9354	2.6707
183.99	309.9354	2.6748
184.37	309.9354	2.6815
184.44	309.9354	2.6815
184.5	309.9354	2.6842
184.65	309.9354	2.6815
184.68	309.9354	2.6802
184.69	309.9354	2.6802
184.71	311.5417	2.6842

UCS Test Results@ 28 days, Stage Four

S2N4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
281.25	601.302	4.0804
281.31	601.302	4.0804
281.49	601.302	4.0831
281.54	601.302	4.0817
281.98	601.302	4.0912
282.24	602.0163	4.0939
282.45	602.0163	4.0952
282.61	602.0163	4.0993
282.89	602.0163	4.1033
283.29	602.0163	4.1101
283.36	602.0163	4.1087
283.45	602.0163	4.1101
283.47	602.0163	4.1087
283.52	602.0163	4.1128
283.79	602.0163	4.1155
283.94	602.0163	4.1168
283.98	602.0163	4.1182
284.39	602.0163	4.1249
284.49	602.0163	4.1249
285.27	602.0163	4.1384
285.35	602.0163	4.1398
285.47	602.0163	4.1371
285.48	602.0163	4.1398
285.52	603.8257	4.1398
285.98	603.8257	4.1465
287.28	603.8257	4.1681
287.48	603.8257	4.1708
287.53	606.0637	4.1695
287.78	606.0637	4.1735
287.89	606.0637	4.1735
287.98	606.0637	4.1762
288.43	607.2541	4.1816
289.23	607.2541	4.1965
289.28	607.2541	4.1978
289.35	607.2541	4.1965
289.38	607.2541	4.1965
289.39	607.2541	4.1978
289.39	607.2541	4.1951
289.47	607.2541	4.1938
289.5	607.2541	4.1938
289.52	607.2541	4.1951
289.54	607.2541	4.1951
289.54	607.2541	4.1965
289.56	607.2541	4.1978
289.77	609.3968	4.2019
289.98	609.3968	4.2059
291.22	609.3968	4.2248
291.28	609.3968	4.2262
291.33	609.3968	4.2235
291.49	609.3968	4.2248
291.5	609.3968	4.2248
291.52	609.3968	4.2248

S3N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.38	767.6901	2.9327
202.46	773.1991	2.934
203.54	767.5821	2.9502
203.72	773.091	2.9502
203.76	778.6	2.9529
203.98	774.9274	2.957
204.34	769.3104	2.961
204.47	774.8193	2.9637
204.94	769.2024	2.9691
205.48	763.5854	2.9772
205.74	769.0943	2.9813
205.98	766.934	2.9853
206.96	761.209	3.0002

S3N2-2 Carbonatec

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
184.73	315.6378	2.6842
184.93	315.6378	2.6869
185.98	315.6378	2.7031
186.37	315.6378	2.7112
186.43	315.6378	2.7112
186.54	315.6378	2.7126
186.6	315.6378	2.7099
186.63	315.6378	2.7085
186.65	315.6378	2.7085
186.66	316.6819	2.7112
186.71	320.778	2.7139
186.89	320.778	2.7167
187.71	320.778	2.7288
187.98	321.5811	2.7329
188.35	321.5811	2.7396
188.41	321.5811	2.741
188.47	321.5811	2.7396
188.55	321.5811	2.7396
188.62	321.5811	2.7383
188.64	321.5811	2.7383
188.66	321.5811	2.7383
188.68	321.5811	2.7396
188.69	325.6772	2.7396
189.98	326.9622	2.7626
190.38	326.9622	2.7693
190.47	326.9622	2.7693
190.6	326.9622	2.7666
190.62	326.9622	2.7693
190.64	331.0583	2.7693
191.98	331.8614	2.7909
192.35	331.8614	2.799
192.41	331.8614	2.799
192.48	331.8614	2.7977
192.61	331.8614	2.7963
192.64	331.8614	2.7963
192.65	331.8614	2.795
192.65	335.9575	2.799
192.66	340.0535	2.8017
192.7	340.0535	2.8031
192.73	340.0535	2.8044
192.77	340.0535	2.8058
192.8	340.0535	2.8044
192.85	340.0535	2.8044
192.88	340.0535	2.8058
192.91	340.0535	2.8071
192.94	340.0535	2.8071
192.96	340.0535	2.8071
193	340.0535	2.8071
193.02	340.0535	2.8071
193.06	340.0535	2.8085
193.08	340.0535	2.8085
193.12	340.0535	2.8085

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
291.57	610.6825	4.2275
291.72	610.6825	4.2316
291.82	610.6825	4.2343
291.98	610.6825	4.2343
293.22	610.6825	4.2532
293.31	610.6825	4.2532
293.43	610.6825	4.2546
293.47	610.6825	4.2573
293.91	611.8729	4.2613
293.98	611.8729	4.264
295.26	611.8729	4.2843
295.33	611.8729	4.2829
295.47	611.8729	4.2843
295.53	611.8729	4.2856
295.98	611.8729	4.291
297.27	611.8729	4.3126
297.36	611.8729	4.3113
297.47	611.8729	4.3113
297.49	611.8729	4.3126
297.98	611.8729	4.3207
298.18	611.8729	4.3248
298.24	611.8729	4.3248
299.21	611.8729	4.341
299.28	611.8729	4.3396
299.46	611.8729	4.3423
299.52	611.8729	4.3423
299.98	611.8729	4.3504
301.23	611.8729	4.3693
301.3	611.8729	4.368
301.42	611.8729	4.372
301.54	611.8729	4.3707
301.98	612.3967	4.3801
303.22	612.3967	4.399
303.42	612.3967	4.4004
303.62	614.6823	4.4031
303.82	614.6823	4.4058
303.98	614.6823	4.4085
305.23	614.6823	4.4274
305.27	614.6823	4.4287
305.49	614.6823	4.426
305.5	614.6823	4.4287
305.53	615.7775	4.4301
305.97	615.7775	4.4368
307.24	615.7775	4.4557
307.32	615.7775	4.4571
307.46	615.7775	4.4557
307.47	615.7775	4.4571
307.56	616.3965	4.4598
307.97	616.3965	4.4665
309.22	616.3965	4.4854
309.32	616.3965	4.4854
309.45	616.3965	4.4841

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
193.33	340.0535	2.8071
193.36	340.0535	2.8071
193.38	340.0535	2.8071
193.39	340.0535	2.8058
193.41	340.0535	2.8044
193.42	340.0535	2.8044
193.43	340.0535	2.8031
193.43	340.0535	2.8044
193.44	340.0535	2.8031
193.45	340.0535	2.8031
193.46	340.0535	2.8017
193.46	340.0535	2.8031
193.47	340.0535	2.8044
193.48	340.0535	2.8044
193.49	344.1496	2.8085
193.51	348.326	2.8125
193.56	348.326	2.8125
193.67	348.326	2.8152
193.98	348.326	2.8193
194.36	348.326	2.8247
194.5	348.326	2.8274
194.57	348.326	2.8274
194.6	348.326	2.826
194.63	348.326	2.8274
195.02	348.326	2.8341
195.98	348.326	2.849
196.35	348.326	2.8557
196.38	348.326	2.8571
196.43	348.326	2.8571
196.48	348.326	2.8584
196.68	348.326	2.8544
196.69	348.326	2.8544
196.71	348.326	2.8557
196.72	348.326	2.8544
196.73	348.326	2.8557
196.75	348.326	2.8584
197.98	348.326	2.8773
198.34	348.326	2.8841
198.4	348.326	2.8854
198.44	348.326	2.8868
198.47	348.326	2.8881
198.51	348.326	2.8868
198.54	348.326	2.8868
198.69	348.326	2.8868
198.73	348.326	2.8854
198.75	348.326	2.8854
198.76	348.326	2.8827
198.77	348.326	2.8814
198.78	348.326	2.8827
198.8	351.2976	2.8854
198.81	355.474	2.8868
199.42	355.474	2.8976

UCS Test Results@ 28 days, Stage Four

S2N4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
309.47	616.3965	4.4895
309.97	616.825	4.4949
311.21	616.825	4.5138
311.27	616.825	4.5165
311.42	616.825	4.5165
311.47	616.825	4.5165
311.97	616.825	4.5232
312.53	616.825	4.5327
312.61	616.825	4.534
313.23	616.825	4.5435
313.29	616.825	4.5462
313.32	616.825	4.5462
313.49	616.825	4.5435
313.5	616.825	4.5435
313.51	616.825	4.5449
313.97	616.825	4.5543
314.09	616.825	4.5543
314.12	616.825	4.5557
315.22	616.825	4.5719
315.29	616.825	4.5732
315.42	616.825	4.5719
315.46	616.825	4.5759
315.97	616.825	4.5827
316.43	616.825	4.5881
316.51	616.825	4.5894
317.12	616.825	4.5989
317.27	616.825	4.6016
317.45	616.825	4.6029
317.5	616.825	4.6029
317.97	616.825	4.6097
319.21	616.825	4.6299
319.24	616.825	4.6326
319.29	616.825	4.6326
319.33	616.825	4.6326
319.48	616.825	4.6299
319.51	616.825	4.6313
319.52	616.825	4.6299
319.53	616.825	4.6313
319.65	616.825	4.6367
319.73	616.825	4.6367
319.97	616.825	4.6394
320.27	616.825	4.6448
320.79	616.825	4.6515
320.83	616.825	4.65336
320.91	616.825	4.712
320.96	618.6821	4.719
321	621.0629	4.823
321.03	623.4914	4.859
321.05	625.8722	4.872
321.07	628.3006	4.913
321.09	630.6815	5.368
321.11	633.1099	5.4123

S3N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
199.98	355.474	2.907
200.35	355.474	2.9138
200.58	355.474	2.9124
200.61	358.1244	2.9138
201.87	362.1402	2.934
201.98	362.1402	2.9354
202.34	362.1402	2.9421
202.39	362.1402	2.9421
202.45	362.1402	2.9435
202.63	362.1402	2.9408
202.65	362.1402	2.9394
202.67	362.1402	2.9408
202.68	365.9953	2.9435
203.98	366.1559	2.9637
204.61	370.252	2.9732
205.98	370.9748	2.9934
206.41	370.9748	3.0002
206.54	370.9748	3.0002
206.58	375.0709	3.0002
207.98	377.4803	3.0218
208.35	377.4803	3.0299
208.4	377.4803	3.0285
208.47	377.4803	3.0312
208.59	377.4803	3.0285
208.62	377.4803	3.0272
208.63	377.4803	3.0299
208.66	381.5764	3.0299
209.98	381.5764	3.0515
210.33	381.5764	3.0583
210.4	381.5764	3.0583
210.46	381.5764	3.0583
210.59	381.5764	3.0556
210.61	381.5764	3.0556
210.63	381.5764	3.0596
210.64	385.5921	3.0596
211.98	385.7528	3.0799
212.35	385.7528	3.088
212.44	385.7528	3.088
212.55	385.7528	3.0866
212.57	385.7528	3.0866
212.61	389.8488	3.0893
213.98	389.8488	3.1096
214.32	389.8488	3.1163
214.36	389.8488	3.1177
214.39	389.8488	3.1163
214.42	389.8488	3.1177
214.45	389.8488	3.119
214.48	389.8488	3.119
214.52	389.8488	3.119
214.54	389.8488	3.1177
214.75	389.8488	3.119
214.77	389.8488	3.1177

UCS Test Results@ 28 days, Stage Four

S2N4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
321.13	635.4907	5.4236
321.14	637.8716	5.4489
321.16	640.3	5.5936

S3N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2 Carbonatec

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
214.79	389.8488	3.1163
214.81	389.8488	3.1177
214.82	389.8488	3.115
214.83	389.8488	3.115
214.84	389.8488	3.115
214.85	389.8488	3.1163
214.86	393.5433	3.119
214.87	397.7197	3.119
214.9	401.8157	3.1217
214.96	401.8157	3.1244
215.98	401.8157	3.1379
216.34	401.8157	3.1447
216.38	401.8157	3.146
216.43	401.8157	3.146
216.47	401.8157	3.1474
216.52	401.8157	3.1474
216.67	401.8157	3.146
216.69	401.8157	3.1447
216.71	401.8157	3.1433
216.72	401.8157	3.1433
216.73	401.8157	3.1447
216.75	401.8157	3.146
216.76	404.3858	3.1487
217.98	404.3858	3.1676
218.33	404.3858	3.1744
218.37	404.3858	3.1757
218.42	404.3858	3.1744
218.53	404.3858	3.1744
218.59	404.3858	3.173
218.61	404.3858	3.173
218.63	404.3858	3.1717
218.65	404.3858	3.173
218.66	405.9921	3.1757
218.69	410.0882	3.1771
219.98	410.0882	3.196
220.34	410.0882	3.2041
220.38	410.0882	3.2041
220.44	410.0882	3.2041
220.48	410.0882	3.2054
220.63	410.0882	3.2041
220.65	410.0882	3.2014
220.67	410.0882	3.2014
220.68	410.0882	3.2027
220.69	412.9795	3.2041
220.75	417.0756	3.2068
221	417.0756	3.2108
221.98	417.0756	3.2243
222.34	417.0756	3.2297
222.52	417.0756	3.2338
222.61	419.726	3.2338
223.98	419.726	3.2527
224.31	419.726	3.2594

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
224.51	419.726	3.2608
224.56	423.6614	3.2635
225.98	423.6614	3.2824
226.35	423.6614	3.2905
226.56	423.6614	3.2905
226.6	426.3118	3.2918
227.98	428.6409	3.3121
228.35	428.6409	3.3188
228.56	428.6409	3.3202
228.6	432.737	3.3202
229.98	434.263	3.3405
230.34	434.263	3.3499
230.37	434.263	3.3485
230.42	434.263	3.3485
230.45	434.263	3.3499
230.49	434.263	3.3499
230.53	434.263	3.3485
230.66	434.263	3.3485
230.69	434.263	3.3472
230.71	434.263	3.3485
230.73	434.263	3.3472
230.74	434.263	3.3459
230.75	434.263	3.3472
230.76	438.3591	3.3485
230.78	442.4551	3.3526
231.57	442.4551	3.3648
231.98	442.4551	3.3702
232.33	442.4551	3.3769
232.39	442.4551	3.3783
232.58	442.4551	3.3742
232.59	442.4551	3.3756
232.61	445.1055	3.3783
233.98	446.3102	3.3985
234.33	446.3102	3.4053
234.54	446.3102	3.4053
234.63	450.4063	3.408
235.98	451.1291	3.4282
236.33	451.1291	3.435
236.39	451.1291	3.435
236.56	451.1291	3.4336
236.58	451.1291	3.435
236.61	455.2252	3.4377
237.98	455.2252	3.4579
238.32	455.2252	3.4647
238.36	455.2252	3.4647
238.44	455.2252	3.4647
238.59	455.2252	3.462
238.61	455.2252	3.462
238.62	455.2252	3.4633
238.65	458.9197	3.466
239.98	458.9197	3.4863
240.34	458.9197	3.493

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
240.38	458.9197	3.4944
240.46	458.9197	3.493
240.55	458.9197	3.4917
240.59	458.9197	3.4917
240.61	458.9197	3.4917
240.62	462.8551	3.4944
241.75	466.8709	3.5119
241.86	466.8709	3.5133
241.98	466.8709	3.5146
242.34	466.8709	3.5214
242.46	466.8709	3.5214
242.55	466.8709	3.5214
242.57	466.8709	3.5227
242.61	468.1559	3.5227
243.98	468.8787	3.543
244.35	468.8787	3.5511
244.42	468.8787	3.5497
244.56	468.8787	3.5484
244.58	468.8787	3.5497
244.59	472.9748	3.5524
245.91	477.2315	3.5713
245.98	477.2315	3.5727
246.34	477.2315	3.5794
246.4	477.2315	3.5821
246.55	477.2315	3.5794
246.58	477.2315	3.5781
246.6	479.4	3.5794
246.67	483.4961	3.5808
246.86	483.4961	3.5848
247.98	483.4961	3.601
248.32	483.4961	3.6078
248.38	483.4961	3.6078
248.56	483.4961	3.6078
248.58	483.4961	3.6091
248.6	485.5039	3.6091
249.98	486.2268	3.6321
250.3	486.2268	3.6375
250.4	486.2268	3.6389
250.51	486.2268	3.6375
250.53	486.2268	3.6375
250.62	490.2425	3.6389
251.69	490.2425	3.6551
251.98	490.2425	3.6605
252.3	490.2425	3.6659
252.36	490.2425	3.6659
252.58	490.2425	3.6659
252.59	490.2425	3.6659
252.61	490.2425	3.6672
253.37	492.2504	3.6794
253.98	492.2504	3.6888
254.13	495.7843	3.6902
254.29	495.7843	3.6956

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
254.37	495.7843	3.6956
254.54	495.7843	3.6956
254.56	495.7843	3.6956
254.61	499.8	3.6969
255.66	503.8157	3.7118
255.98	503.8157	3.7185
256.33	503.8157	3.7239
256.52	503.8157	3.7239
256.54	506.7071	3.7266
257.7	511.0441	3.7428
257.98	511.0441	3.7469
258.32	511.0441	3.7523
258.54	511.0441	3.7536
258.59	513.9354	3.755
259.86	518.1921	3.7739
259.98	518.1921	3.7752
260.16	520.3606	3.7793
260.27	520.3606	3.782
260.32	520.3606	3.782
260.43	520.3606	3.7806
260.52	520.3606	3.7806
260.53	520.3606	3.7806
260.58	520.3606	3.7833
261.77	524.6173	3.8022
261.98	524.6173	3.8063
262.15	526.4646	3.8076
262.31	526.4646	3.8117
262.37	526.4646	3.8117
262.57	526.4646	3.8103
262.58	526.4646	3.8117
262.65	530.5606	3.813
263.98	530.5606	3.8333
264.31	530.5606	3.84
264.54	530.5606	3.8414
265.98	530.5606	3.863
266.31	530.5606	3.8697
266.37	530.5606	3.8684
266.43	530.5606	3.8697
266.56	530.5606	3.8684
266.59	530.5606	3.8684
266.6	530.5606	3.8697
266.62	533.211	3.8711
267.98	535.5402	3.8913
268.33	535.5402	3.8967
268.53	535.5402	3.8981
268.58	539.5559	3.8981
269.76	543.8126	3.917
269.98	544.3748	3.921
270.37	544.3748	3.9264
270.5	544.3748	3.9278
270.62	548.3906	3.9291
271.98	548.3906	3.9494

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
272.35	548.3906	3.9562
272.51	548.3906	3.9548
272.58	551.7638	3.9575
273.48	556.0205	3.971
273.98	556.0205	3.9791
274.29	556.0205	3.9845
274.35	556.0205	3.9859
274.45	556.0205	3.9859
274.53	556.0205	3.9832
274.56	556.0205	3.9832
274.57	556.0205	3.9845
274.59	559.7953	3.9859
275.98	559.7953	4.0088
276.18	562.3654	4.0115
276.27	562.3654	4.0129
276.56	562.3654	4.0142
277.98	563.0079	4.0372
278.33	563.0079	4.0426
278.45	563.0079	4.0426
278.64	567.0236	4.0453
279.96	567.0236	4.0655
279.98	567.0236	4.0655
280.32	567.0236	4.0723
280.53	567.0236	4.0736
280.6	567.1039	4.075
281.98	571.1197	4.0952
282.29	571.1197	4.0993
282.52	571.1197	4.1006
283.39	575.2961	4.1141
283.98	576.9024	4.1236
284.32	576.9024	4.1303
284.39	576.9024	4.1303
284.52	576.9024	4.1276
284.54	576.9024	4.1303
284.6	580.9181	4.1317
285.98	581.3197	4.1533
286.3	581.3197	4.1587
286.39	581.3197	4.16
286.52	581.3197	4.1587
286.54	581.3197	4.16
286.58	585.3354	4.1614
287.98	586.6205	4.1816
288.31	586.6205	4.1884
288.51	586.6205	4.187
288.57	590.6362	4.1884
289.98	593.2063	4.21
290.29	593.2063	4.2181
290.37	593.2063	4.2167
290.53	593.2063	4.2181
290.55	593.2063	4.2167
290.57	597.222	4.2181
291.98	598.1858	4.2397

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
292.24	602.2016	4.2451
292.28	602.2016	4.2451
292.33	602.2016	4.2464
292.38	602.2016	4.2464
292.45	602.2016	4.2464
292.56	602.2016	4.2451
292.58	602.2016	4.2437
292.59	602.2016	4.2451
292.61	602.2016	4.2464
292.9	606.2173	4.2532
293.98	606.2173	4.2694
294.38	606.2173	4.2735
294.47	606.2173	4.2762
294.51	610.1528	4.2748
295.98	611.9197	4.2978
296.3	611.9197	4.3032
296.51	611.9197	4.3032
297.29	616.0961	4.3153
297.98	616.0961	4.3275
298.3	616.0961	4.3329
298.33	616.0961	4.3329
298.38	616.0961	4.3329
298.55	616.0961	4.3315
298.57	616.0961	4.3302
298.58	616.0961	4.3329
298.6	619.5496	4.3342
299.98	620.1921	4.3558
300.29	620.1921	4.3612
300.3	620.1921	4.3612
300.31	620.1921	4.3626
300.35	620.1921	4.3626
300.39	620.1921	4.3626
300.43	620.1921	4.3626
300.47	620.1921	4.3626
300.6	620.1921	4.3626
300.62	620.1921	4.3612
300.64	620.1921	4.3612
300.66	620.1921	4.3612
300.67	620.1921	4.3599
300.68	620.1921	4.3612
300.69	620.1921	4.3626
300.7	624.2079	4.3639
301.98	625.4126	4.3842
302.26	625.4126	4.3923
302.3	625.4126	4.3909
302.39	625.4126	4.3923
302.5	625.4126	4.3896
302.53	625.4126	4.3882
302.54	625.4126	4.3909
302.57	629.4283	4.3923
303.98	629.4283	4.4125
304.3	629.4283	4.4193

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
304.5	629.4283	4.4193
304.56	631.9984	4.4206
305.97	634.4882	4.4422
306.27	634.4882	4.4476
306.33	634.4882	4.4476
306.51	634.4882	4.449
306.54	634.4882	4.4476
306.57	638.5039	4.4503
307.97	641.3953	4.4706
308.26	641.3953	4.476
308.33	641.3953	4.4773
308.48	641.3953	4.4773
308.51	641.3953	4.4787
309.38	641.3953	4.4922
309.97	641.3953	4.5003
310.07	641.3953	4.5003
310.13	641.3953	4.503
310.25	641.3953	4.5057
310.28	641.3953	4.507
310.32	641.3953	4.507
310.38	641.3953	4.5084
310.55	641.3953	4.5043
310.56	641.3953	4.5043
310.57	641.3953	4.5057
310.59	641.3953	4.5084
311.97	641.3953	4.53
312.33	641.3953	4.5354
312.45	641.3953	4.5367
312.59	641.3953	4.5367
313.97	641.6362	4.5584
314.28	641.6362	4.5637
314.32	641.6362	4.5651
314.38	641.6362	4.5651
314.54	641.6362	4.5637
314.56	641.6362	4.5637
314.57	641.6362	4.5651
314.63	645.5717	4.5665
315.97	645.9732	4.5867
316.28	645.9732	4.5948
316.36	645.9732	4.5921
316.51	645.9732	4.5948
316.53	645.9732	4.5948
316.73	649.989	4.5989
317.3	649.989	4.607
317.43	649.989	4.6083
317.97	651.1937	4.6164
318.31	651.1937	4.6205
318.47	651.1937	4.6218
318.6	655.2094	4.6259
319.15	655.2094	4.6326
319.93	655.3701	4.6448
319.97	655.3701	4.6448

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
320.26	655.3701	4.6502
320.51	655.3701	4.6529
320.75	657.4583	4.6556
321.97	658.1008	4.6745
322.28	658.1008	4.6799
322.5	658.1008	4.6812
323.97	658.7433	4.7028
324.25	658.7433	4.7096
324.49	658.7433	4.7096
325.29	662.9197	4.7217
325.97	662.9197	4.7325
326.25	662.9197	4.7366
326.5	662.9197	4.7406
327.97	662.9197	4.7609
328.29	662.9197	4.7649
328.46	662.9197	4.7676
328.56	666.6142	4.7703
329.97	666.6142	4.7892
330.31	666.6142	4.796
330.43	666.6142	4.7973
330.5	666.6142	4.7933
330.52	666.6142	4.7946
330.54	666.6945	4.7973
331.91	670.8709	4.8189
331.97	670.8709	4.8189
332.27	670.8709	4.827
332.32	670.8709	4.827
332.51	670.8709	4.8243
332.53	670.8709	4.8257
332.56	672.3969	4.827
333.97	672.5575	4.8473
334.07	672.5575	4.85
334.3	672.5575	4.8554
334.41	672.5575	4.854
334.49	672.5575	4.8527
334.51	672.5575	4.854
334.53	672.5575	4.854
334.62	676.8142	4.8581
334.89	676.8142	4.8608
335.97	676.8142	4.877
336.24	676.8142	4.8824
336.3	676.8142	4.8838
336.49	676.8142	4.8824
336.55	676.8142	4.8851
337.97	676.8142	4.9054
338.26	676.8142	4.9121
338.31	676.8142	4.9121
338.5	676.8142	4.9135
338.54	676.8142	4.9135
338.57	680.1874	4.9135
339.11	680.1874	4.9216
339.97	680.1874	4.9364

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
340.25	680.1874	4.9405
340.3	680.1874	4.9418
340.36	680.1874	4.9418
340.53	680.1874	4.9391
340.54	680.1874	4.9418
340.57	680.1874	4.9418
340.79	683.7213	4.9472
341.22	683.7213	4.9526
341.83	683.8819	4.9621
341.9	683.8819	4.9634
341.97	683.8819	4.9634
342.25	683.8819	4.9702
342.29	683.8819	4.9715
342.33	683.8819	4.9702
342.39	683.8819	4.9715
342.53	683.8819	4.9688
342.55	683.8819	4.9688
342.56	683.8819	4.9702
342.57	683.8819	4.9702
342.6	686.7732	4.9715
343.06	686.7732	4.9796
343.97	686.7732	4.9945
344.26	686.7732	4.9999
344.3	686.7732	4.9999
344.32	686.7732	5.0026
344.35	686.7732	5.0012
344.39	686.7732	5.0026
344.44	686.7732	5.0012
344.59	686.7732	4.9999
344.61	686.7732	4.9985
344.63	686.7732	4.9972
344.65	686.7732	4.9985
344.66	686.7732	4.9985
344.67	686.7732	4.9999
344.68	688.7008	5.0026
345.12	688.7008	5.0093
345.97	688.7008	5.0215
346.25	688.7008	5.0282
346.29	688.7008	5.0282
346.34	688.7008	5.0296
346.42	688.7008	5.0282
346.53	688.7008	5.0269
346.55	688.7008	5.0269
346.56	688.7008	5.0282
346.58	688.7008	5.0296
347.97	688.7008	5.0498
348.25	688.7008	5.0579
348.28	688.7008	5.0566
348.34	688.7008	5.0552
348.54	688.7008	5.0566
348.56	688.7008	5.0566
348.57	688.7008	5.0566

UCS Test Results@ 28 days, Stage Four

S2N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2		Carbonatec
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
348.61	689.9055	5.0593
349.26	689.9055	5.0701
349.97	689.9055	5.0809
350.24	689.9055	5.0849
350.54	689.9055	5.0876
351.42	689.9055	5.1011
351.97	689.9055	5.1092
352.24	689.9055	5.1133
352.27	689.9055	5.1146
352.32	689.9055	5.116
352.52	689.9055	5.1133
352.54	689.9055	5.1146
352.55	689.9055	5.116
353.97	689.9055	5.1389
354.25	689.9055	5.1443
354.3	689.9055	5.1443
354.51	689.9055	5.1416
354.52	689.9055	5.1443
355.97	689.9055	5.1673
356.24	689.9055	5.1741
356.3	689.9055	5.1727
356.44	689.9055	5.1727
356.48	689.9055	5.1754
357.97	689.9055	5.1957
358.24	689.9055	5.2011
358.51	689.9055	5.2024
359.97	689.9055	5.2254
360.24	689.9055	5.2308
360.3	689.9055	5.2308
360.49	689.9055	5.2308
360.51	689.9055	5.2308
361.97	689.9055	5.2537
362.26	689.9055	5.2605
362.34	689.9055	5.2578
362.46	689.9055	5.2578
362.48	689.9055	5.2591
362.57	692.7165	5.2632
363.5	692.7165	5.2753
363.81	692.7969	5.2807
363.97	692.7969	5.2821
364.25	692.7969	5.2888
364.32	692.7969	5.2888
364.47	692.7969	5.2861
364.48	692.7969	5.2902
365.97	693.4394	5.3118
366.24	693.4394	5.3172
366.28	693.4394	5.3185
366.34	693.4394	5.3185
366.49	693.4394	5.3172
366.51	693.4394	5.3172
366.54	693.6	5.3199
367.34	693.6	5.332

UCS Test Results@ 28 days, Stage Four

S2N4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S2N4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N2-2 Carbonatec

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
367.97	693.6	5.3415

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	11.35451	-0.0013
0.118	17.31849	0
0.1593	23.39717	-0.0013
0.1953	29.47585	-0.0027
0.2258	35.55452	-0.0027
0.2778	41.6332	0.0027
0.5212	47.71188	0.0068
0.9004	53.79055	0.0122
1.2814	59.86923	0.0176
1.8991	65.94791	0.027
1.9998	66.75075	0.027
2.3183	72.71473	0.0338
2.8788	78.79341	0.0405
3.2175	84.87209	0.0459
3.719	90.95076	0.0527
3.9997	94.16214	0.0581
4.3757	100.2408	0.0621
4.9362	106.3195	0.0689
5.1969	112.3982	0.0729
5.6151	118.4768	0.0797
5.9995	122.0323	0.0864
6.4541	128.111	0.0932
7.0372	134.1897	0.0999
7.3152	140.1536	0.1053
7.9993	144.2825	0.1148
8.1964	150.2465	0.1175
8.9722	156.3252	0.1296
9.4934	162.4039	0.1364
9.9992	164.8124	0.1445
10.398	170.8911	0.1499
10.484	170.8911	0.1512
10.734	170.8911	0.1539
11.236	176.8551	0.1607
11.999	180.8693	0.1728
12.711	186.948	0.1836
13.551	192.912	0.1958
13.999	192.912	0.2012
14.291	197.0409	0.2052
15.55	203.0049	0.2241
15.999	203.3489	0.2295
16.971	209.4276	0.2444
17.202	209.4276	0.2471
17.53	209.4276	0.2525
17.999	209.4276	0.2606
18.438	215.3916	0.266
19.851	221.4703	0.2862
19.998	222.6172	0.2876
21.348	228.5812	0.3079
21.998	229.384	0.3173
23.07	235.4627	0.3322
23.68	235.4627	0.3416
23.998	235.4627	0.347

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	4.728926	0.1269
1.9998	4.728926	0.1566
3.9997	4.961496	0.1836
5.9995	5.504159	0.2133
7.9993	5.814253	0.243
9.9992	6.356916	0.2727
11.999	6.89958	0.3011
13.999	7.674814	0.3295
15.999	8.217477	0.3578
17.999	9.302804	0.3889
19.998	10.38813	0.4172
21.998	11.47346	0.4456
23.998	13.17897	0.4739
25.998	14.18678	0.505
27.998	15.03953	0.5347
29.998	18.06295	0.5617
31.997	20.15608	0.59
33.997	21.00883	0.6211
35.997	22.63682	0.6495
37.997	23.95472	0.6778
39.997	25.58271	0.7048
41.997	28.06346	0.7359
42.77	28.06346	0.748
42.934	28.06346	0.7507
43.026	28.06346	0.748
43.077	28.06346	0.7467
43.996	28.83869	0.7642
45.996	30.69925	0.7939
47.996	33.18	0.8223
48.791	33.18	0.8358
48.893	33.18	0.8358
49.04	33.18	0.8344
49.08	33.18	0.8344
49.996	34.80799	0.8506
51.996	35.89332	0.8803
52.828	35.89332	0.8938
52.963	35.89332	0.8911
53.996	37.21122	0.91
54.832	37.21122	0.9222
55.012	37.21122	0.9195
55.995	39.38187	0.9384
57.995	41.24243	0.9681
59.995	43.64566	0.9978
61.995	45.81631	1.0248
63.995	47.67687	1.0545
65.995	50.93285	1.0829
67.994	52.79341	1.1139
69.994	54.42141	1.1409
71.792	58.45262	1.1666
71.994	58.45262	1.1693
73.994	61.7086	1.199
74.9	61.7086	1.2125

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	5.67512	0.01458
1.9998	9.422841	0.04014
3.9997	11.02901	0.06561
5.9995	11.67147	0.09117
7.9993	12.84933	0.11907
9.9992	14.02718	0.1458
11.999	15.84751	0.1701
13.999	16.59705	0.19683
15.999	17.34659	0.22356
17.999	18.84568	0.24912
19.998	19.27399	0.27459
21.998	20.77308	0.30141
23.998	21.84386	0.32814
25.998	21.84386	0.35361
27.998	23.77126	0.37917
29.998	24.5208	0.40464
31.997	25.16327	0.43263
33.997	25.59158	0.4581
35.997	27.09067	0.48366
37.997	27.84021	0.51039
39.997	29.3393	0.53712
41.997	29.3393	0.56268
43.996	30.83839	0.58815
45.996	31.90917	0.61488
47.996	31.90917	0.64044
49.996	32.65871	0.66717
51.996	34.1578	0.69264
53.996	36.72767	0.7182
55.155	36.72767	0.73278
55.157	36.72767	0.73395
55.995	36.72767	0.74493
57.995	36.72767	0.77166
59.995	36.72767	0.79713
61.4	36.72767	0.8154
61.449	36.72767	0.81657
61.935	36.72767	0.82143
61.995	36.72767	0.82143
63.995	36.72767	0.84825
65.995	36.72767	0.87498
67.994	36.72767	0.90288
69.994	36.72767	0.92718
70.815	40.36831	0.93816
70.826	40.36831	0.9369
71.994	40.36831	0.95274
73.994	40.36831	0.97947
75.994	41.8674	1.0062
76.422	41.8674	1.01223
76.613	41.8674	1.01349
77.994	43.36649	1.03167
79.993	45.18681	1.05723
81.993	46.25758	1.08396
83.993	49.25576	1.11195

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
0.0002	6.517454	0.03888
1.9998	8.146817	0.06444
3.9997	8.146817	0.09234
5.9995	8.61235	0.11664
7.9993	8.961499	0.14337
9.9992	9.776181	0.16893
11.999	10.59086	0.19566
13.999	11.40554	0.22113
15.999	12.22023	0.24786
17.999	12.68576	0.27342
19.998	14.31512	0.30141
21.998	15.1298	0.32571
23.998	16.29363	0.35244
25.998	17.57385	0.37674
27.998	17.923	0.40464
29.998	17.923	0.43137
31.997	19.55236	0.45567
33.997	21.64726	0.4824
35.997	21.64726	0.50796
37.997	21.99641	0.53586
39.997	23.62577	0.56025
41.997	24.44045	0.58572
43.996	24.7896	0.61488
45.996	24.7896	0.63918
46.646	28.04833	0.6453
47.275	28.04833	0.65619
47.996	28.04833	0.66591
49.996	28.04833	0.68904
51.996	28.04833	0.71694
53.996	28.04833	0.74367
55.995	28.04833	0.76923
57.995	28.04833	0.7947
59.995	28.04833	0.82152
61.995	28.04833	0.84825
63.995	28.04833	0.87372
65.995	28.04833	0.89802
67.994	28.86301	0.92601
69.994	28.86301	0.95148
71.994	28.86301	0.97947
73.994	28.86301	1.00377
75.994	30.37599	1.02924
77.175	30.37599	1.04625
77.285	30.37599	1.04625
77.994	30.37599	1.05723
79.993	30.37599	1.0827
81.031	33.63472	1.09611
81.139	33.63472	1.0998
81.729	33.63472	1.10466
81.993	33.63472	1.10826
82.183	33.63472	1.11069
82.712	33.63472	1.11555
83.993	33.63472	1.13382

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
25.055	235.4627	0.3619
25.998	236.9537	0.3754
27.331	242.9177	0.3943
27.998	242.9177	0.4051
28.968	247.7347	0.4186
29.998	250.1433	0.4348
30.161	250.1433	0.4361
30.29	250.1433	0.4375
31.089	256.1073	0.4496
31.121	256.1073	0.4496
31.336	256.1073	0.4523
31.997	257.2542	0.4618
33.21	263.2182	0.4793
33.997	265.6267	0.4901
35.207	271.5907	0.509
35.997	272.3935	0.5198
37.008	278.3575	0.5347
37.997	280.766	0.5482
38.832	286.73	0.5617
39.997	287.5329	0.5779
40.246	293.6115	0.5819
41.997	297.5111	0.6063
42.51	303.4751	0.6144
43.996	307.0305	0.6346
45.12	312.9945	0.6522
45.996	315.0589	0.6643
46.842	321.0229	0.6765
47.662	326.9869	0.6886
47.996	326.9869	0.6927
49.637	330.0836	0.7156
49.996	330.0836	0.721
50.561	335.2447	0.7305
51.996	335.2447	0.748
52.64	341.2087	0.7588
53.658	347.1727	0.7737
53.996	347.1727	0.7777
54.535	349.5812	0.7845
55.399	355.5452	0.798
55.995	355.5452	0.8074
56.811	360.2476	0.8182
57.636	366.2116	0.8304
57.995	366.2116	0.8344
58.837	371.0286	0.8479
59.087	371.0286	0.8493
59.174	371.0286	0.8506
59.995	375.3869	0.8641
61.131	381.2362	0.8803
61.995	382.0391	0.8911
62.169	388.0031	0.8952
62.342	388.0031	0.8979
62.736	388.0031	0.9019
63.613	393.9671	0.9155

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
74.965	61.7086	1.2125
75.994	64.11183	1.2274
77.814	68.14304	1.253
77.994	68.14304	1.2571
79.752	70.77884	1.2814
79.993	71.08893	1.2868
81.993	74.26739	1.3151
83.775	78.2986	1.3408
83.993	78.2986	1.3435
85.372	81.24449	1.3637
85.993	81.24449	1.3732
87.053	85.27571	1.388
87.993	86.36103	1.4015
89.369	90.39225	1.4218
89.993	90.93491	1.4326
91.397	94.8886	1.4501
91.992	95.74136	1.4582
92.763	95.74136	1.4731
92.824	95.74136	1.4744
93.011	95.74136	1.4717
93.034	95.74136	1.4704
93.772	99.77258	1.4852
93.992	99.77258	1.4906
95.534	103.1836	1.5109
95.992	103.1836	1.5177
96.788	103.1836	1.5325
96.869	103.1836	1.5312
96.98	103.1836	1.5298
97.011	103.1836	1.5285
97.05	106.6722	1.5325
97.992	108.3001	1.546
98.786	108.3001	1.5595
98.946	108.3001	1.5595
99.057	112.3314	1.5609
99.992	113.1066	1.5757
101.01	117.1378	1.5892
101.99	118.4557	1.6054
103	122.4869	1.6203
103.99	122.4869	1.6351
104.66	126.208	1.6432
104.75	126.208	1.6446
104.98	126.208	1.6473
105.99	128.3012	1.6635
107	132.3324	1.6756
107.99	133.9604	1.6918
108.94	137.9916	1.7067
109.99	140.6274	1.7215
110.96	144.6586	1.735
111.99	146.5192	1.7499
112.56	150.4729	1.758
113.88	154.5041	1.7769
113.99	154.5041	1.7782

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
85.694	49.25576	1.13256
85.813	49.25576	1.13382
85.993	49.25576	1.13625
86.63	49.25576	1.14354
87.993	49.25576	1.16298
89.993	49.25576	1.18728
91.992	49.25576	1.21518
92.56	49.25576	1.2213
93.992	49.25576	1.24074
95.992	49.89823	1.26621
97.992	50.32654	1.29177
99.992	51.71855	1.32093
101.99	54.71673	1.34523
103.99	56.53705	1.36953
105.99	58.03614	1.39626
107.99	59.10691	1.42299
109.99	59.53522	1.44972
110.71	64.99619	1.45827
110.72	64.99619	1.45944
111.59	64.99619	1.46916
111.64	64.99619	1.47159
111.99	64.99619	1.47528
113.99	64.99619	1.49958
115.99	64.99619	1.52748
117.53	69.81469	1.54692
117.55	69.81469	1.54692
117.99	69.81469	1.55547
119.99	69.81469	1.57977
121.99	69.81469	1.60407
123.94	71.95624	1.62954
123.99	71.95624	1.63197
124.08	71.95624	1.63323
124.35	71.95624	1.63683
125.99	71.95624	1.65753
126.85	76.0252	1.66851
126.91	76.0252	1.67094
127.7	76.0252	1.68066
127.99	76.0252	1.68426
128.05	76.0252	1.68552
128.56	76.0252	1.69038
129.98	81.16493	1.70982
129.99	81.16493	1.70982
130.1	81.16493	1.71225
131.03	81.16493	1.72314
131.6	81.16493	1.73169
131.99	81.16493	1.73655
132.5	81.16493	1.74258
133.99	81.16493	1.76328
135.99	81.16493	1.78875
137.99	82.55694	1.81431
138.69	82.55694	1.82403
139.42	82.55694	1.83375

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
85.993	33.63472	1.16055
87.993	33.63472	1.18728
88.625	33.63472	1.197
88.78	33.63472	1.19817
88.949	33.63472	1.197
89.014	33.63472	1.19457
89.993	35.26408	1.21275
91.104	35.26408	1.22859
91.796	35.26408	1.23588
91.992	35.96238	1.23831
93.02	35.96238	1.25289
93.692	35.96238	1.26018
93.82	35.96238	1.26378
93.992	35.96238	1.26504
95.33	36.42791	1.28205
95.539	36.42791	1.28565
95.992	36.42791	1.29177
96.198	36.42791	1.2942
96.344	36.42791	1.2942
97.992	36.42791	1.31607
98.615	36.42791	1.32696
98.688	36.42791	1.32453
99.992	36.42791	1.3428
100.44	36.77706	1.34766
101.49	36.77706	1.36341
101.96	36.77706	1.3671
101.99	36.77706	1.36827
103.99	36.77706	1.39509
105.99	36.77706	1.42182
106.53	36.77706	1.43028
106.76	36.77706	1.43028
107.88	36.77706	1.44729
107.99	36.77706	1.44729
109.99	36.77706	1.47285
111.58	36.77706	1.49589
111.96	36.77706	1.49958
111.99	36.77706	1.49958
113.85	36.77706	1.52388
113.9	36.77706	1.52505
113.99	36.77706	1.52631
115.99	36.77706	1.55061
117.99	36.77706	1.57851
118.74	36.77706	1.58823
118.91	36.77706	1.58823
119.99	36.77706	1.60524
121.54	36.77706	1.62468
121.59	36.77706	1.62468
121.99	36.77706	1.6308
123.99	36.77706	1.6551
125.99	36.77706	1.68183
127.99	36.77706	1.70982
128.15	36.77706	1.71099

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
63.781	393.9671	0.9182
63.995	393.9671	0.9209
64.452	395.5727	0.9263
64.88	395.5727	0.933
64.973	395.5727	0.9344
65.631	401.5367	0.9438
65.995	401.5367	0.9492
67.105	406.2391	0.9641
67.707	412.2031	0.9749
67.994	412.5472	0.9789
69.183	418.5111	0.9965
69.994	420.4609	1.0073
70.905	426.4249	1.0208
71.725	432.3889	1.0329
71.994	432.3889	1.037
72.767	435.8296	1.0464
73.599	441.7936	1.0586
73.994	441.7936	1.0653
74.816	446.1519	1.0788
74.913	446.1519	1.0788
75.453	446.1519	1.0856
75.994	448.9045	1.0964
76.558	454.8685	1.1045
76.786	454.8685	1.1058
77.017	454.8685	1.1085
77.49	460.8325	1.1166
77.585	460.8325	1.1166
77.829	460.8325	1.1207
77.994	461.5206	1.1234
79.313	467.4846	1.1436
79.993	467.8287	1.1544
80.775	473.7927	1.1652
81.676	479.642	1.1787
81.993	479.642	1.1841
82.064	479.642	1.1841
82.19	479.642	1.1841
82.254	484.0003	1.1868
82.644	484.0003	1.1922
82.793	484.0003	1.1949
83.993	484.0003	1.2125
84.18	486.6382	1.2152
84.891	492.6022	1.2274
85.611	498.5662	1.2368
85.965	498.5662	1.2395
85.993	498.5662	1.2395
86.135	498.9102	1.2422
86.311	504.8742	1.2463
86.682	504.8742	1.2517
86.846	504.8742	1.2544
87.31	510.8382	1.2611
87.86	510.8382	1.2692
87.993	510.8382	1.2719

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
115	157.45	1.7917
115.99	160.0858	1.8079
116.96	164.117	1.8214
117.99	165.9775	1.8363
118.88	169.9312	1.8498
119.99	172.3345	1.866
121	176.3657	1.8809
121.99	178.4588	1.8957
122.56	182.49	1.9025
123.99	184.8932	1.9227
124.94	188.8469	1.9376
125.62	192.8781	1.947
125.99	192.8781	1.9524
126.98	196.8318	1.9659
127.99	199.2351	1.9835
128.96	203.1888	1.9956
129.99	205.8245	2.0105
130.98	209.8558	2.024
131.73	213.8095	2.0348
131.99	213.8095	2.0388
132.57	216.5228	2.0469
132.72	216.5228	2.051
132.93	216.5228	2.051
133.77	220.4765	2.0645
133.99	221.0191	2.0685
134.94	224.9728	2.082
135.99	228.4614	2.0982
136.97	232.4151	2.1104
137.99	234.8183	2.1266
138.96	238.772	2.1401
139.73	242.7257	2.1523
139.99	242.7257	2.155
141	246.6794	2.1698
141.92	250.7106	2.1833
141.99	250.7106	2.1847
142.97	254.1216	2.1968
143.88	258.0753	2.2117
143.99	258.0753	2.213
144.93	261.5638	2.2252
145.53	265.5175	2.236
145.99	265.7501	2.2441
146.91	269.7813	2.2562
147.16	273.735	2.2589
147.99	275.5956	2.2711
148.52	279.5493	2.2778
149.42	283.5805	2.2927
149.99	284.5883	2.2994
150.94	288.542	2.3156
151.99	291.953	2.3305
152.98	295.9842	2.3426
153.78	299.9379	2.3561
153.99	299.9379	2.3602

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
139.99	82.55694	1.83978
141.73	88.0179	1.86165
141.99	88.44621	1.86777
142.05	88.44621	1.86777
142.62	88.44621	1.8738
143.04	88.44621	1.87992
143.74	88.44621	1.88838
143.99	88.44621	1.89324
144.19	88.44621	1.89567
145.99	88.44621	1.91754
146.12	88.44621	1.92123
146.52	88.44621	1.92492
147.99	88.66037	1.94553
149.99	89.83822	1.97109
150.5	95.29919	1.97712
150.65	95.29919	1.97838
151.26	95.29919	1.98684
151.99	95.29919	1.99782
153.99	95.29919	2.02212
155.08	99.68938	2.0367
155.29	99.68938	2.0403
155.99	99.68938	2.04885
157.99	99.68938	2.07675
158.67	102.5805	2.08404
158.99	102.5805	2.08773
159.57	102.5805	2.09619
159.99	102.5805	2.10105
161.99	102.9017	2.12661
162.83	108.4698	2.13876
162.9	108.4698	2.13993
163.85	108.4698	2.15091
163.99	108.4698	2.15334
164.04	108.4698	2.15451
164.59	108.4698	2.16063
165.18	108.4698	2.16909
165.53	108.4698	2.17278
165.99	110.183	2.18007
166.34	110.183	2.18493
166.65	110.183	2.18736
167.99	110.183	2.20563
168.58	113.8236	2.21409
168.94	113.8236	2.21778
169.32	113.8236	2.22264
169.99	115.3227	2.2311
170.04	115.3227	2.23236
170.6	115.3227	2.23965
171.99	115.3227	2.25783
172.64	118.2138	2.26638
172.98	118.2138	2.27124
173.4	118.2138	2.2761
173.99	118.2138	2.28582
174.54	121.1049	2.29068

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
128.77	36.77706	1.71711
129.04	36.77706	1.72197
129.37	36.77706	1.72557
129.99	36.77706	1.73529
131.99	36.77706	1.76085
132.16	36.77706	1.76445
132.33	36.77706	1.76445
133.99	36.77706	1.78632
134.12	36.77706	1.78875
134.22	36.77706	1.78875
134.37	36.77706	1.79244
134.79	36.77706	1.79604
135.99	36.77706	1.81305
136.19	36.77706	1.81548
136.91	36.77706	1.82403
136.93	36.77706	1.8252
137.82	36.77706	1.83492
137.94	36.77706	1.83861
137.99	36.77706	1.84104
138.38	36.77706	1.84347
139.99	36.77706	1.86534
141.99	36.77706	1.89081
143.99	36.77706	1.91637
144.61	36.77706	1.92735
144.86	36.77706	1.92609
145.99	36.77706	1.94436
147.22	36.77706	1.96011
147.34	36.77706	1.96137
147.99	36.77706	1.96983
149.99	36.77706	1.99539
151.99	36.77706	2.02086
153.99	36.77706	2.04759
155.99	36.77706	2.07315
157.99	36.77706	2.09988
159.99	36.77706	2.12535
160.48	36.77706	2.1339
160.75	36.77706	2.1339
161.99	36.77706	2.15208
163.99	36.77706	2.17881
164.52	36.77706	2.18493
164.67	36.77706	2.18619
165.99	36.77706	2.20437
167.99	36.77706	2.22993
168.6	36.77706	2.23965
168.79	36.77706	2.23965
169.24	36.77706	2.24694
169.99	36.77706	2.2554
171.99	36.77706	2.28339
173.99	36.77706	2.30769
175.99	36.77706	2.33442
177.99	36.77706	2.36115
179.99	36.77706	2.38662

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
88.428	515.5406	1.2787
89.475	521.3899	1.2949
89.721	521.3899	1.2962
89.993	521.3899	1.3003
90.151	525.4041	1.303
90.302	525.4041	1.3057
90.929	525.4041	1.3138
91.599	525.4041	1.3232
91.765	525.4041	1.3259
91.818	531.2534	1.3286
91.992	531.2534	1.33
92.141	531.2534	1.3313
92.371	531.2534	1.334
92.692	535.9558	1.3408
92.9	535.9558	1.3421
92.969	535.9558	1.3448
93.992	537.9055	1.357
94.247	543.7548	1.3637
94.502	543.7548	1.3664
94.708	543.7548	1.3705
95.549	549.7188	1.3826
95.759	549.7188	1.384
95.845	549.7188	1.3853
95.992	551.2098	1.3894
97.587	557.1738	1.411
97.992	557.5179	1.4177
99.135	563.3671	1.4339
99.328	569.3311	1.438
99.42	569.3311	1.4407
99.495	569.3311	1.442
99.547	569.3311	1.442
99.664	569.3311	1.442
99.747	569.3311	1.4434
99.795	569.3311	1.4447
99.992	569.3311	1.4474
100.24	569.3311	1.4515
100.39	569.3311	1.4528
100.69	571.625	1.4582
100.84	571.625	1.4596
101.03	571.625	1.4623
101.36	577.4743	1.469
101.5	577.4743	1.4704
101.59	577.4743	1.4717
101.69	577.4743	1.4717
101.95	577.4743	1.4771
101.99	577.4743	1.4771
102.36	577.4743	1.4825
102.55	577.4743	1.4839
103.59	582.5207	1.5001
103.82	582.5207	1.5014
103.99	582.5207	1.5055
103.99	582.5207	1.5041

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
154.51	302.2636	2.3656
155.38	306.2173	2.3791
155.99	306.9925	2.3885
156.93	311.0238	2.4007
157.39	314.9774	2.4074
157.99	315.7527	2.4169
158.61	319.7064	2.425
158.72	319.7064	2.4277
158.93	319.7064	2.4304
159.31	323.6601	2.4358
159.99	325.5206	2.4453
160.96	329.4743	2.4588
161.66	333.428	2.4696
161.99	333.428	2.4736
162.61	337.3817	2.4831
162.72	337.3817	2.4858
162.92	337.3817	2.4885
163.73	341.3354	2.5006
163.99	341.568	2.5033
164.47	345.5217	2.5101
164.84	345.5217	2.5155
164.93	345.5217	2.5168
165.27	349.5529	2.5222
165.93	353.5066	2.5303
165.99	353.5066	2.5317
166.47	356.9176	2.5384
166.76	356.9176	2.5452
166.89	356.9176	2.5452
167.01	360.8713	2.5452
167.99	364.2823	2.5614
168.92	368.236	2.5735
169.37	372.1897	2.5816
169.99	372.7324	2.5911
170.59	376.6861	2.5978
170.84	376.6861	2.6005
170.92	376.6861	2.6032
170.98	380.6397	2.6046
171.99	384.2833	2.6181
172.5	388.3146	2.6262
172.69	388.3146	2.6302
172.92	388.3146	2.6329
173.13	392.2682	2.6356
173.88	396.2219	2.6464
173.99	396.4545	2.6478
174.92	400.4082	2.6613
175.34	404.3619	2.6667
175.99	406.6876	2.6775
176.5	410.6413	2.6842
177.06	414.595	2.6923
177.92	418.5487	2.7045
177.99	418.5487	2.7072
178.47	421.7271	2.7139

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
174.95	121.1049	2.29671
175.33	121.1049	2.30157
175.99	121.1049	2.31012
176.66	124.4243	2.31858
177.99	124.4243	2.33559
178.65	128.8145	2.34288
178.67	128.8145	2.34414
179.5	128.8145	2.35503
179.99	128.8145	2.35989
181.13	132.0269	2.3769
181.63	132.0269	2.38419
181.91	132.0269	2.38662
181.99	132.0269	2.38905
182.54	135.9887	2.39517
182.75	135.9887	2.39877
183.34	135.9887	2.40606
183.99	135.9887	2.41461
184.32	137.0595	2.41821
185.84	142.6276	2.43891
185.98	142.6276	2.44008
187.98	145.0903	2.4669
188.08	145.0903	2.46807
188.5	145.0903	2.47293
189.98	145.4116	2.49237
191.4	150.8725	2.51064
191.53	150.8725	2.51307
191.98	150.8725	2.52036
192.76	154.9415	2.52765
192.77	154.9415	2.52882
193.98	154.9415	2.5434
193.98	154.9415	2.54466
195.98	155.584	2.57013
196.17	155.584	2.57256
196.69	155.584	2.57985
197.98	155.584	2.59686
199.36	160.6166	2.61387
199.46	160.6166	2.6163
199.94	160.6166	2.62242
199.98	160.6166	2.62242
201.31	165.7563	2.63943
201.56	165.7563	2.64429
201.98	165.7563	2.64915
202.45	168.2191	2.65401
202.46	168.2191	2.65518
202.97	168.2191	2.66247
203.98	168.9687	2.67462
205.13	174.4296	2.6892
205.98	174.4296	2.70135
207.23	179.1411	2.71719
207.38	179.1411	2.71962
207.89	179.1411	2.72565
207.98	179.1411	2.72808

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
181.92	36.77706	2.41218
181.99	36.77706	2.41092
183.99	36.77706	2.43765
185.98	36.77706	2.46447
187.98	36.77706	2.4912
189.98	36.77706	2.51793
191.98	36.77706	2.54223
193.98	36.77706	2.5677
195.98	36.77706	2.59569
197.98	36.77706	2.62116
199.98	36.77706	2.64789
200.2	37.47536	2.64915
200.47	37.47536	2.65518
200.64	37.47536	2.65401
201.73	37.47536	2.67219
201.98	37.47536	2.67345
203.98	37.47536	2.70018
204.67	40.15217	2.70747
205.98	40.15217	2.72565
206.59	40.96685	2.73177
206.62	40.96685	2.7342
207.2	40.96685	2.74032
207.48	40.96685	2.74635
207.83	40.96685	2.74878
207.98	40.96685	2.75247
209.98	41.316	2.7792
211.98	41.316	2.80467
213.98	42.13068	2.83023
215.98	42.13068	2.8557
217.98	45.27303	2.88126
219.98	45.27303	2.90673
221.73	50.39388	2.93103
221.98	50.39388	2.93472
223.11	50.74303	2.94804
223.58	50.74303	2.95533
223.98	50.74303	2.96019
225.98	50.74303	2.98575
227.98	50.74303	3.01248
229.98	51.55771	3.03921
231.98	54.70006	3.06477
233.98	55.51474	3.09024
235.98	59.00623	3.11697
237.98	59.00623	3.14127
238.29	62.61411	3.14739
239.98	62.61411	3.16926
241.95	68.08412	3.19473
241.98	68.08412	3.19599
243.98	68.8988	3.22029
244.21	68.8988	3.22515
244.29	68.8988	3.22515
245.98	68.8988	3.24819
247.41	73.90327	3.2652

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
104.51	588.37	1.5136
104.97	588.37	1.5177
105.03	588.37	1.519
105.11	594.334	1.5244
105.2	594.334	1.5244
105.76	594.334	1.5312
105.99	594.334	1.5339
106.19	594.334	1.5393
106.23	594.334	1.5366
106.37	594.334	1.5393
106.43	594.334	1.5406
106.46	597.7748	1.542
106.66	597.7748	1.5447
106.89	597.7748	1.5501
107.54	597.7748	1.5568
107.7	597.7748	1.5609
107.87	603.624	1.5622
107.99	606.3767	1.5649
108.23	606.3767	1.5663
108.3	606.3767	1.5703
108.45	606.3767	1.569
108.54	606.3767	1.573
108.92	606.3767	1.5798
109.19	606.3767	1.5825
109.34	606.3767	1.5825
109.45	606.3767	1.5865
109.87	612.2259	1.5919
109.92	618.1899	1.5933
109.99	618.1899	1.5933
110.27	618.1899	1.5973
110.38	618.1899	1.5987
110.47	618.1899	1.6
110.51	618.1899	1.6014
111.09	622.4335	1.6122
111.28	622.4335	1.6149
111.4	622.4335	1.6135
111.55	622.4335	1.6162
111.87	622.4335	1.6189
111.92	628.2828	1.623
111.99	628.2828	1.6243
111.99	628.2828	1.6243
112.03	628.2828	1.6243
112.06	628.2828	1.6257
112.1	628.2828	1.6243
112.36	628.2828	1.6257
112.39	628.2828	1.6243
112.43	628.2828	1.6257
112.47	628.7416	1.627
112.86	628.7416	1.6365
113.25	628.7416	1.6405
113.39	634.5909	1.6446
113.46	634.5909	1.6473

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
179.04	425.6808	2.7207
179.92	429.6345	2.7342
179.99	429.6345	2.7356
180.6	430.8749	2.7437
180.72	430.8749	2.7464
180.98	430.8749	2.7491
181.68	434.8286	2.7585
181.99	434.8286	2.7639
182.7	434.8286	2.7761
182.91	434.8286	2.7761
183.01	438.7047	2.7801
183.87	442.6584	2.7909
183.99	442.6584	2.7923
185	443.8988	2.8071
185.95	447.8525	2.8206
185.98	447.8525	2.8233
186.66	447.8525	2.8328
187	447.8525	2.8355
187.95	450.6433	2.8503
187.98	450.6433	2.853
188.41	452.4264	2.8571
189.04	456.3801	2.8652
189.86	460.3338	2.8787
189.98	460.3338	2.88
190.32	463.2021	2.8841
190.79	463.2021	2.8935
190.9	463.2021	2.8922
190.97	467.1558	2.8922
191.66	471.1095	2.9043
191.98	471.8847	2.9084
192.4	475.7609	2.9151
192.99	479.7146	2.9232
193.75	483.6683	2.9354
193.98	484.211	2.9381
194.96	488.0871	2.9516
195.7	492.0408	2.9624
195.98	492.0408	2.9678
196.32	495.6844	2.9718
196.66	495.6844	2.9786
196.77	495.6844	2.9799
196.86	495.6844	2.9786
197.64	495.6844	2.9894
197.98	496.072	2.9961
198.77	496.072	3.0083
198.89	496.072	3.0083
199.04	500.0257	3.0096
199.86	503.9019	3.0218
199.98	505.4524	3.0245
200.91	509.4061	3.0394
201.12	513.3598	3.0407
201.88	517.3134	3.0515
201.98	517.3134	3.0542

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
209.08	183.1029	2.74149
209.32	183.1029	2.74518
209.63	183.1029	2.74878
209.98	183.1029	2.75364
210.99	188.5639	2.76579
211.2	188.5639	2.77065
211.73	188.5639	2.77677
211.98	188.5639	2.78037
213.53	192.5258	2.79981
213.8	192.5258	2.8035
213.98	192.5258	2.80593
215.14	194.239	2.82051
215.98	194.239	2.8314
216.27	199.3788	2.83509
217.98	200.7708	2.85813
219.29	206.2317	2.87514
219.98	206.2317	2.88369
220.39	210.6219	2.88972
221	210.6219	2.89827
221.17	210.6219	2.89827
221.83	215.9758	2.90799
221.96	215.9758	2.90916
221.98	215.9758	2.90916
222.61	215.9758	2.91645
223.69	221.1155	2.93229
223.85	221.1155	2.93589
223.98	221.1155	2.93472
224.31	221.1155	2.93958
225.98	222.0792	2.96262
226.57	227.5402	2.96991
226.82	227.5402	2.9736
227.23	227.5402	2.9772
227.98	227.5402	2.98818
228.37	232.2516	2.99304
229.98	232.2516	3.01491
230.57	237.6055	3.02103
231.98	241.2462	3.03921
233.67	246.6	3.06234
233.98	246.6	3.06837
234.57	250.2407	3.07449
235.98	250.5619	3.0915
236.32	256.0229	3.09636
237.98	260.306	3.11823
239.2	265.767	3.13398
239.98	265.767	3.14496
240.43	270.7996	3.15099
241.8	276.2606	3.168
241.98	276.2606	3.17169
242.43	277.9738	3.17655
243.61	283.4348	3.1923
243.98	283.4348	3.19716
244.51	286.6471	3.20202

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
247.43	73.90327	3.26646
247.98	73.90327	3.27375
249.98	74.71795	3.29931
251.98	77.8603	3.32361
253.98	77.8603	3.35151
255.33	82.98115	3.36978
255.54	82.98115	3.37221
255.93	82.98115	3.37581
255.98	82.98115	3.37824
257.98	82.98115	3.4038
259.03	85.30881	3.41712
259.43	85.30881	3.42324
259.67	85.30881	3.42567
259.98	85.30881	3.42927
261.98	87.63648	3.456
263.98	90.31329	3.48273
265.61	96.24883	3.50217
265.78	96.24883	3.50586
265.98	96.24883	3.50829
266.93	98.22734	3.51918
267	98.22734	3.52161
267.52	98.22734	3.52773
267.98	98.22734	3.53259
268.73	100.0895	3.54348
268.95	100.0895	3.54717
269.47	100.0895	3.55329
269.98	100.0895	3.55932
270.5	100.0895	3.56787
270.69	100.0895	3.56787
271.97	104.0465	3.58605
271.98	104.0465	3.58731
272.22	104.0465	3.58848
272.3	104.0465	3.59091
273.98	106.025	3.61278
275.98	109.051	3.63834
276.11	109.051	3.64194
276.25	109.051	3.64077
277.91	109.051	3.66507
277.98	109.051	3.66264
278.23	112.5425	3.6675
279.98	113.7063	3.69054
281.29	119.6418	3.70755
281.46	119.6418	3.71124
281.98	119.6418	3.71727
283.29	122.7842	3.73428
283.39	122.7842	3.73554
283.86	122.7842	3.7404
283.96	122.7842	3.744
283.98	122.7842	3.74283
284.25	124.2972	3.74643
284.28	124.2972	3.74886
284.84	124.2972	3.75372

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
113.5	634.5909	1.6473
113.53	634.5909	1.6473
113.55	634.5909	1.6486
113.58	634.5909	1.6486
113.64	634.5909	1.6486
113.68	634.5909	1.6486
113.83	634.5909	1.6473
113.85	634.5909	1.6459
113.87	634.5909	1.6473
113.89	634.5909	1.6459
113.93	634.5909	1.6446
113.95	634.5909	1.6473
113.97	634.5909	1.6513
113.99	636.5406	1.6486
114.07	642.5046	1.654
114.22	642.5046	1.6554
114.32	642.5046	1.654
114.53	642.5046	1.6594
114.89	642.5046	1.6662
115.12	642.5046	1.6675
115.56	642.5046	1.677
115.7	642.5046	1.6756
115.77	642.5046	1.6743
115.79	642.5046	1.6729
115.82	642.5046	1.677
115.89	648.2392	1.6783
115.99	649.3862	1.681
116.52	649.3862	1.6891
116.57	649.3862	1.6905
116.71	649.3862	1.6918
116.89	649.3862	1.6945
117.21	649.3862	1.6986
117.61	649.3862	1.7053
117.87	655.2354	1.708
117.99	656.8411	1.7121
118.07	656.8411	1.7134
118.27	656.8411	1.7161
118.5	656.8411	1.7202
118.87	656.8411	1.7215
119.5	656.8411	1.735
119.58	656.8411	1.735
119.67	656.8411	1.735
119.77	656.8411	1.7323
119.79	656.8411	1.7323
119.81	656.8411	1.7337
119.87	662.5757	1.7364
119.99	666.934	1.7404
120.19	666.934	1.7431
121.17	666.934	1.7566
121.5	666.934	1.7661
121.52	666.934	1.7661
121.54	666.934	1.7661

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
202.18	519.0965	3.0569
202.69	519.0965	3.065
202.86	519.0965	3.0677
202.98	523.0502	3.0677
203.78	526.9263	3.0799
203.87	526.9263	3.0812
203.93	526.9263	3.0826
203.98	527.1589	3.0826
204.36	531.1126	3.088
205.02	535.0663	3.0974
205.82	538.9425	3.1082
205.98	538.9425	3.1123
206.42	541.5783	3.119
206.77	541.5783	3.1231
206.9	541.5783	3.1244
207.22	545.4544	3.1298
207.98	548.3228	3.1406
208.65	548.3228	3.1528
208.98	548.3228	3.1555
209.78	552.1214	3.1676
209.98	553.4393	3.169
210.84	557.3155	3.1838
211.3	561.2692	3.1892
211.98	561.2692	3.1987
212.75	561.2692	3.2108
212.86	561.2692	3.2108
212.98	565.1454	3.2122
213.98	565.3004	3.227
214.16	569.2541	3.2311
214.73	569.2541	3.2392
214.88	569.2541	3.2392
214.98	573.1303	3.2432
215.98	574.9133	3.2567
216.44	578.867	3.2635
216.68	578.867	3.2675
216.75	578.867	3.2702
216.79	578.867	3.2702
216.93	578.867	3.2675
216.95	578.867	3.2689
216.97	578.867	3.2689
217	582.7432	3.2716
217.8	586.6193	3.2837
217.98	587.3946	3.2864
218.62	591.3483	3.2959
218.66	591.3483	3.2972
218.75	591.3483	3.2972
218.86	591.3483	3.2986
218.9	591.3483	3.2986
219	595.302	3.3013
219.92	599.1781	3.3134
219.98	599.1781	3.3148
220.89	602.5116	3.3269

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
244.57	286.6471	3.20445
245	286.6471	3.21057
245.98	290.9302	3.22272
247.06	296.3912	3.2373
247.98	300.3531	3.24945
249.02	305.814	3.26277
249.23	305.814	3.26646
249.83	305.814	3.27249
249.98	305.814	3.27492
250.37	305.814	3.28104
250.73	305.814	3.28473
251.24	309.9901	3.29202
251.47	309.9901	3.29562
251.8	309.9901	3.29805
251.98	311.0608	3.30174
252.43	316.5218	3.30777
252.45	316.5218	3.30777
252.92	316.5218	3.31263
253.98	318.6634	3.32721
254.99	324.0172	3.34062
255.98	329.0499	3.35394
256.99	334.5109	3.36609
257.16	334.5109	3.36852
257.47	334.5109	3.37338
257.98	338.4727	3.3795
259.09	343.8266	3.39408
259.98	345.6469	3.40623
260.91	351.0008	3.41712
261.24	351.0008	3.42324
261.55	351.0008	3.42684
261.98	352.3928	3.4317
262.83	357.8538	3.44385
263.82	363.2077	3.456
263.98	363.9572	3.45726
265.45	369.3111	3.4767
265.98	371.7739	3.48516
266.95	377.2349	3.49731
267.98	378.9481	3.51072
268.76	384.302	3.51918
269.7	389.763	3.53259
269.98	389.763	3.53619
270.42	392.547	3.54105
271.98	393.939	3.56175
272.33	399.4	3.56544
273.84	405.0751	3.58605
273.98	405.0751	3.58848
275.1	410.429	3.60306
275.98	414.3909	3.61521
276.51	419.7447	3.62133
277.98	422.5288	3.64077
278.42	427.9897	3.64563
279.98	432.5941	3.66624

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
285.7	124.2972	3.76587
285.8	124.2972	3.76344
285.98	128.1378	3.76956
286.11	128.1378	3.77073
286.79	128.1378	3.77928
286.96	128.1378	3.78288
287.25	128.1378	3.78531
287.98	128.1378	3.79503
288.47	131.2801	3.79989
288.58	131.2801	3.80358
288.65	131.2801	3.80358
289.88	131.2801	3.82176
289.98	131.2801	3.82176
290.03	131.2801	3.82176
291.89	136.7501	3.84615
291.98	136.7501	3.84732
293.98	139.0778	3.87162
294.32	139.0778	3.87891
294.55	139.0778	3.88017
295.85	144.897	3.89835
295.9	144.897	3.89961
295.98	144.897	3.89961
296.07	144.897	3.90078
297.98	144.897	3.92634
299.17	148.3885	3.94092
299.98	148.3885	3.95181
301.74	153.3929	3.97368
301.88	153.3929	3.97737
301.98	153.3929	3.97854
302.7	155.7206	3.98709
302.93	155.7206	3.99069
303.44	155.7206	3.99681
303.98	156.8844	4.0041
304.39	156.8844	4.01013
304.7	156.8844	4.01256
305.97	158.7466	4.02957
306.43	158.7466	4.03686
306.59	158.7466	4.03569
307.29	164.6821	4.04541
307.53	164.6821	4.05144
307.97	164.6821	4.05513
309.15	168.5227	4.06971
309.97	169.221	4.08186
311.1	175.1566	4.09644
311.23	175.1566	4.09887
311.97	175.1566	4.10742
312.34	175.1566	4.11471
312.39	175.1566	4.11471
312.56	175.1566	4.11588
312.62	175.1566	4.11714
313.2	179.3464	4.12317
313.39	179.3464	4.12686

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
121.56	666.934	1.7674
121.57	666.934	1.7661
121.6	666.934	1.7674
121.61	666.934	1.7674
121.63	666.934	1.7688
121.64	666.934	1.7688
121.66	666.934	1.7674
121.68	666.934	1.7688
121.7	666.934	1.7688
121.71	666.934	1.7701
121.74	666.934	1.7688
121.76	666.934	1.7661
121.78	666.934	1.7674
121.99	666.934	1.7674
122.02	666.934	1.7661
122.03	666.934	1.7647
122.05	666.934	1.7661
122.07	666.934	1.7634
122.08	666.934	1.7647
122.09	666.934	1.7647
122.1	666.934	1.7634
122.11	666.934	1.7634
122.13	666.934	1.7634
122.14	666.934	1.7647
122.15	666.934	1.7647
122.16	666.934	1.7661
122.17	666.934	1.7634
122.17	666.934	1.762
122.18	666.934	1.762
122.19	667.1634	1.7661
122.2	673.1274	1.7661
122.21	679.0914	1.7688
122.23	685.0554	1.7715
122.27	690.9047	1.7755
122.32	690.9047	1.7742
122.42	690.9047	1.7769
122.52	690.9047	1.7755
123.09	690.9047	1.7863
123.14	690.9047	1.7863
123.5	690.9047	1.7944
123.52	690.9047	1.7931
123.54	690.9047	1.7958
123.57	690.9047	1.7958
123.59	690.9047	1.7958
123.6	690.9047	1.7971
123.62	690.9047	1.7971
123.63	690.9047	1.7971
123.64	690.9047	1.7985
123.65	690.9047	1.7971
123.66	690.9047	1.7985
123.68	690.9047	1.7971
123.7	690.9047	1.7958

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
221.35	606.4653	3.335
221.98	606.9305	3.3445
222.35	610.8066	3.3486
222.71	610.8066	3.3553
222.77	610.8066	3.3567
222.9	610.8066	3.3553
222.93	610.8066	3.3567
223.02	614.7603	3.358
223.98	617.8613	3.3715
224.73	617.8613	3.385
224.89	617.8613	3.385
225.4	621.6599	3.3945
225.98	622.6677	3.4012
226.28	626.6214	3.4066
226.73	626.6214	3.4134
226.86	626.6214	3.4147
227.98	629.8774	3.4309
228.73	629.8774	3.4417
228.89	629.8774	3.4431
229.02	633.7535	3.4458
229.98	633.7535	3.4593
231.55	633.7535	3.4822
231.68	633.7535	3.4836
231.98	633.7535	3.489
232.36	635.7692	3.493
232.67	635.7692	3.4998
232.9	635.7692	3.5038
233.54	639.6453	3.5119
233.98	641.1958	3.5173
234.56	645.072	3.5268
234.63	645.072	3.5281
234.94	645.072	3.5308
235.13	645.072	3.5349
235.17	645.072	3.5362
235.31	645.072	3.5376
235.72	645.072	3.543
235.98	645.072	3.547
236.92	645.072	3.5592
237.04	645.072	3.5605
237.94	645.072	3.5754
237.98	645.072	3.5767
238.55	647.3201	3.5848
238.68	647.3201	3.5848
238.91	647.3201	3.5902
239.16	651.1963	3.5929
239.98	652.7468	3.6037
240.32	656.6229	3.6091
240.98	660.4991	3.6186
241.68	664.3753	3.6294
241.98	664.3753	3.6334
242.35	668.0189	3.6402
242.66	668.0189	3.6442

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
281.11	437.948	3.68082
281.98	440.8391	3.69297
282.81	446.1929	3.70269
283.98	447.9062	3.71853
285.03	453.2601	3.73185
285.98	455.4016	3.74526
286.83	460.7555	3.75615
287.82	466.1094	3.7683
287.98	466.1094	3.77073
288.79	471.1421	3.78171
289.97	476.8172	3.79629
289.98	476.8172	3.79629
291	481.8498	3.80961
291.98	484.3126	3.82176
292.3	489.6665	3.82671
293.52	495.3416	3.84246
293.98	495.3416	3.84975
294.34	497.8044	3.85461
295.62	503.4795	3.87045
295.98	503.4795	3.87531
296.68	508.5122	3.88377
297.49	513.8661	3.89475
297.98	516.6501	3.90078
299.2	522.3252	3.91779
299.98	526.6083	3.92634
301.1	532.3905	3.94092
301.98	535.1746	3.95424
302.34	540.5284	3.95793
302.57	540.5284	3.96153
302.88	540.5284	3.96522
303.66	545.8823	3.97494
303.98	546.5248	3.9798
304.86	552.1999	3.99069
305.42	557.6609	3.99681
305.97	557.6609	4.00527
306.28	561.1944	4.00896
307.44	566.8696	4.02471
307.97	567.8333	4.032
308.32	573.2942	4.03569
309.46	578.9693	4.05027
309.97	578.9693	4.05756
310.19	582.0746	4.05999
311.74	587.7497	4.0806
311.97	588.071	4.08429
312.28	593.4248	4.08672
312.49	593.4248	4.09158
312.9	593.4248	4.09518
313.94	599.1	4.10985
313.97	599.1	4.10985
314.36	604.4538	4.11471
315.97	606.8096	4.13532
316.29	612.1634	4.14018

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
313.82	179.3464	4.13046
313.97	179.3464	4.13532
314.03	179.3464	4.13658
314.1	179.3464	4.13532
314.63	179.3464	4.14261
314.67	179.3464	4.14144
315.54	184.8164	4.15359
315.63	184.8164	4.15602
315.74	184.8164	4.15719
315.77	184.8164	4.15719
315.97	184.8164	4.15845
316.42	186.3293	4.16574
317.31	186.3293	4.17789
317.42	186.3293	4.17789
317.97	189.8208	4.18635
318.16	189.8208	4.19004
318.64	189.8208	4.1949
319.09	189.8208	4.20219
319.3	189.8208	4.20219
319.92	195.64	4.21065
319.95	195.64	4.21308
319.97	195.64	4.21308
320.68	196.8038	4.22163
321.97	196.8038	4.23864
322.53	200.6445	4.24467
323.97	201.8083	4.26537
325.32	207.6275	4.28238
325.97	207.6275	4.28967
326.48	209.4896	4.29696
327.97	212.9811	4.3164
328.77	218.8002	4.32612
328.94	218.8002	4.33098
329.59	218.8002	4.33701
329.97	220.6624	4.34313
330	220.6624	4.3443
330.49	220.6624	4.35042
331.93	226.9471	4.3686
331.97	226.9471	4.3686
333.17	230.7877	4.38327
333.97	232.3007	4.39416
335.81	238.469	4.41846
335.97	239.6328	4.42089
336.22	239.6328	4.42458
336.55	239.6328	4.42818
337.81	245.8011	4.44519
337.97	245.8011	4.44762
338.47	249.6418	4.45248
338.49	249.6418	4.45491
339.09	249.6418	4.46103
339.97	249.6418	4.47318
340.3	253.1333	4.47804
341.58	259.3016	4.49379

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
123.74	690.9047	1.7985
123.76	690.9047	1.7971
123.91	690.9047	1.7944
123.99	690.9047	1.7971
124.01	690.9047	1.7958
124.05	690.9047	1.7958
124.07	690.9047	1.7931
124.08	690.9047	1.7944
124.1	690.9047	1.7917
124.11	690.9047	1.7944
124.12	690.9047	1.7944
124.13	690.9047	1.7958
124.14	690.9047	1.7931
124.15	690.9047	1.7931
124.17	690.9047	1.7958
124.17	690.9047	1.7917
124.18	690.9047	1.7931
124.19	690.9047	1.7931
124.21	690.9047	1.7931
124.22	690.9047	1.7944
124.23	690.9047	1.7971
124.26	690.9047	1.7985
124.3	691.5928	1.8012
124.35	697.4421	1.8039
124.49	697.4421	1.8052
124.56	697.4421	1.8079
124.66	697.4421	1.8093
125.05	697.4421	1.816
125.15	697.4421	1.8133
125.5	697.4421	1.8215
125.54	697.4421	1.8215
125.56	697.4421	1.8228
125.59	697.4421	1.8228
125.62	697.4421	1.8242
125.65	697.4421	1.8242
125.67	697.4421	1.8255
125.69	697.4421	1.8255
125.7	697.4421	1.8215
125.76	697.4421	1.8228
125.91	697.4421	1.8228
125.94	697.4421	1.8228
125.96	697.4421	1.8215
125.97	697.4421	1.8201
125.99	697.4421	1.8215
126	697.4421	1.8228
126	697.4421	1.8215
126.01	697.4421	1.8228
126.02	697.4421	1.8215
126.04	697.4421	1.8228
126.05	697.4421	1.8242
126.11	697.4421	1.8296
126.42	697.4421	1.8323

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
242.88	668.0189	3.6456
243.13	671.895	3.6497
243.97	676.0038	3.6632
243.98	676.0038	3.6632
244.8	676.0038	3.674
244.89	676.0038	3.6753
245.02	679.1047	3.6767
245.98	679.1047	3.6915
246.47	682.5933	3.6996
246.68	682.5933	3.7037
246.93	682.5933	3.705
247.98	683.7561	3.7199
249.17	687.8649	3.7374
249.98	688.5626	3.7482
250.93	692.6713	3.7631
251.98	694.6869	3.7793
252.91	698.7957	3.7901
253.43	702.6718	3.7995
253.98	702.6718	3.8076
254.21	703.9122	3.8103
254.64	703.9122	3.8184
254.72	703.9122	3.8184
254.83	703.9122	3.8198
254.97	703.9122	3.8211
255.98	703.9122	3.8373
255.98	703.9122	3.8373
256.47	703.9122	3.8427
256.64	703.9122	3.8468
256.95	703.9122	3.8495
257.98	704.2998	3.8643
258.72	704.2998	3.8765
258.87	704.2998	3.8751
258.93	708.176	3.8778
259.98	710.6567	3.894
260.72	710.6567	3.9062
260.82	710.6567	3.9062
260.93	714.5329	3.9075
261.93	718.6416	3.9224
261.98	718.6416	3.9237
262.66	718.6416	3.9345
262.89	718.6416	3.9372
263.91	720.1921	3.9521
263.98	720.1921	3.9521
264.93	722.9829	3.9656
264.94	727.1692	3.9683
264.94	731.3555	3.9697
264.97	731.3555	3.9724
264.98	731.3555	3.9724
264.99	731.3555	3.9724
265	731.3555	3.9724
265.01	731.3555	3.9737
265.01	731.3555	3.9737

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
317.8	617.8386	4.15962
317.97	617.8386	4.16205
318.76	622.7641	4.17303
319.84	628.4393	4.18635
319.97	628.4393	4.18761
320.32	633.4719	4.19121
321.93	639.04	4.21434
321.97	639.04	4.21434
323	642.8948	4.22766
323.97	643.5372	4.23981
325.23	649.1053	4.25682
325.97	650.4973	4.26537
326.32	655.8512	4.27023
326.51	655.8512	4.27383
327.33	656.1724	4.28355
327.97	656.1724	4.2921
328.31	660.0272	4.2957
329.97	664.8457	4.31883
330.31	670.1996	4.32243
330.79	670.1996	4.32855
331.07	670.1996	4.33341
331.97	674.6968	4.34313
333.19	680.372	4.36131
333.97	680.5861	4.37103
334.37	685.94	4.37598
334.56	685.94	4.37841
334.81	685.94	4.38201
335.89	691.5081	4.39542
335.97	691.5081	4.39659
336.36	696.5407	4.40028
336.74	696.5407	4.40631
337.55	696.7549	4.41729
337.97	697.3973	4.42215
339.86	702.9654	4.44645
339.97	702.9654	4.44888
341.43	706.8202	4.46706
341.97	712.4953	4.47435
341.97	712.4953	4.47435
343.46	717.635	4.49379
343.97	719.7766	4.50108
344.87	725.4517	4.51323
345.97	726.7366	4.52781
347.37	732.3047	4.54482
347.97	732.9471	4.55337
347.98	738.301	4.55454
348.02	738.301	4.5558
348.04	738.301	4.55697
348.06	738.301	4.55697
348.08	738.301	4.55697
348.1	738.301	4.5594
348.12	738.301	4.55823
348.14	738.301	4.55823

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
341.97	260.1162	4.49991
343.51	266.2845	4.51809
343.55	266.2845	4.52178
343.97	266.2845	4.52664
344.63	269.776	4.53393
344.71	269.776	4.53636
345.34	269.776	4.54239
345.97	270.4743	4.55211
346.77	276.6426	4.56183
347.97	278.9703	4.57767
348.09	278.9703	4.58127
348.31	278.9703	4.58127
349.97	280.0177	4.6044
351.07	286.1861	4.61772
351.97	286.1861	4.62987
352.6	292.0052	4.63842
353.85	298.1735	4.65426
353.97	298.1735	4.65543
355.12	303.5271	4.67001
355.19	303.5271	4.67244
355.69	303.8763	4.6773
355.97	304.3418	4.68216
357.16	310.5101	4.69674
357.97	310.5101	4.70772
358.48	315.3982	4.71618
359.54	321.6829	4.72833
359.97	321.6829	4.73319
360.57	325.5235	4.74174
361.97	330.4116	4.75992
363.38	336.5799	4.77819
363.97	340.0714	4.78665
365.07	346.2397	4.80123
365.97	346.2397	4.81338
366.71	350.7787	4.82193
367.45	356.947	4.83165
367.48	356.947	4.83282
367.97	356.947	4.83894
368.78	356.947	4.84983
368.85	356.947	4.84866
369.19	362.3006	4.85352
369.97	365.7921	4.86441
370.97	371.9604	4.87782
371.97	373.4734	4.89114
373.17	379.5253	4.90572
373.2	379.5253	4.90941
373.22	379.5253	4.90941
373.25	379.5253	4.91058
373.27	379.5253	4.91058
373.29	379.5253	4.91058
373.31	379.5253	4.91184
373.33	379.5253	4.91184
373.36	379.5253	4.91184

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
126.51	697.4421	1.835
126.69	697.4421	1.8363
127.01	697.4421	1.8417
127.1	697.4421	1.8444
127.22	697.4421	1.8431
127.23	697.4421	1.8458
127.51	697.4421	1.8512
127.56	697.4421	1.8512
127.59	697.4421	1.8525
127.61	697.4421	1.8525
127.63	697.4421	1.8525
127.69	697.4421	1.8498
127.8	697.4421	1.8498
127.82	697.4421	1.8512
127.86	697.4421	1.8512
127.91	697.4421	1.8498
127.94	697.4421	1.8512
127.95	697.4421	1.8512
127.99	697.4421	1.8539
127.99	697.4421	1.8552
128.54	697.4421	1.8647
128.59	697.4421	1.8647
128.84	697.4421	1.8674
128.94	697.4421	1.8687
129.04	697.4421	1.8714
129.29	697.4421	1.8768
129.34	697.4421	1.8755
129.43	697.4421	1.8809
129.71	697.4421	1.8809
129.78	697.4421	1.8795
129.91	697.4421	1.8822
129.99	697.4421	1.8849
130.51	697.4421	1.893
130.6	697.4421	1.893
130.96	702.3739	1.8984
131.26	702.3739	1.9052
131.6	702.3739	1.9106
131.63	702.3739	1.9119
131.65	702.3739	1.9119
131.68	702.3739	1.9119
131.73	702.3739	1.9119
131.76	702.3739	1.9092
131.83	702.3739	1.9079
131.85	702.3739	1.9106
131.86	702.3739	1.9079
131.89	702.3739	1.9079
131.91	702.3739	1.9065
131.94	702.3739	1.9092
131.96	702.3739	1.9092
131.99	705.0118	1.9119
132.02	710.9758	1.9146
132.25	710.9758	1.9187

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
265.02	731.3555	3.9751
265.03	731.3555	3.9737
265.03	731.3555	3.9751
265.04	731.3555	3.9751
265.05	731.3555	3.9737
265.05	731.3555	3.9751
265.06	731.3555	3.9764
265.07	731.3555	3.9737
265.07	731.3555	3.9778
265.08	731.3555	3.9764
265.09	731.3555	3.9751
265.1	731.3555	3.9778
265.1	731.3555	3.9764
265.11	731.3555	3.9751
265.12	731.3555	3.9737
265.13	731.3555	3.9737
265.14	731.3555	3.9724
265.15	731.3555	3.9724
265.3	731.3555	3.9683
265.32	731.3555	3.9697
265.33	731.3555	3.9683
265.34	731.3555	3.9683
265.36	731.3555	3.9683
265.37	731.3555	3.9683
265.38	731.3555	3.967
265.38	731.3555	3.967
265.39	731.3555	3.967
265.4	731.3555	3.967
265.41	731.3555	3.967
265.41	731.3555	3.9656
265.42	731.3555	3.967
265.43	731.3555	3.967
265.43	731.3555	3.967
265.44	731.3555	3.967
265.45	731.3555	3.967
265.45	731.3555	3.9683
265.46	731.3555	3.967
265.47	731.3555	3.9683
265.47	731.3555	3.9697
265.48	731.3555	3.971
265.5	731.3555	3.9724
265.52	731.3555	3.9737
265.76	731.3555	3.9778
265.98	731.3555	3.9818
266.62	731.3555	3.9926
266.92	731.3555	3.994
267.98	731.3555	4.0102
269.33	731.433	4.0304
269.98	731.433	4.0399
271.39	735.1541	4.0601
271.89	735.1541	4.0682
271.98	735.1541	4.0682

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
348.16	738.301	4.55823
348.18	738.301	4.5594
348.2	738.301	4.55823
348.22	738.301	4.5594
348.23	738.301	4.56066
348.25	738.301	4.5594
348.27	738.301	4.5594
348.29	738.301	4.56066
348.31	738.301	4.5594
348.34	738.301	4.5594
348.37	738.301	4.56066
348.39	738.301	4.56183
348.41	738.301	4.56066
348.49	738.301	4.56066
348.6	738.301	4.5594
348.62	738.301	4.55823
348.64	738.301	4.5594
348.65	738.301	4.5594
348.67	738.301	4.5594
348.68	738.301	4.55823
348.69	738.301	4.55823
348.7	738.301	4.55823
348.71	738.301	4.55823
348.72	738.301	4.55823
348.72	738.301	4.55697
348.73	738.301	4.55697
348.74	738.301	4.55697
348.74	738.301	4.55697
348.75	738.301	4.5558
348.76	738.301	4.5558
348.76	738.301	4.55697
348.77	738.301	4.5558
348.78	738.301	4.55697
348.79	738.301	4.55823
348.79	738.301	4.55823
348.8	743.6549	4.5594
348.82	749.0088	4.56183
348.99	749.0088	4.56669
349.97	749.0088	4.5801
350.3	749.0088	4.58253
351.97	749.0088	4.60557
352.98	754.5768	4.61772
353.23	754.5768	4.62141
353.97	754.5768	4.6323
354.32	756.2901	4.63599
355.79	761.7511	4.65543
355.93	761.7511	4.65786
355.97	761.7511	4.65786
356.05	761.7511	4.65912
356.5	761.7511	4.66515
357.28	761.7511	4.67487
357.97	761.7511	4.68342

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
373.39	379.5253	4.91184
373.41	379.5253	4.91184
373.45	379.5253	4.91058
373.5	379.5253	4.91184
373.6	379.5253	4.91184
373.64	379.5253	4.91184
373.66	379.5253	4.91058
373.68	379.5253	4.91058
373.7	379.5253	4.90941
373.72	379.5253	4.90815
373.73	379.5253	4.90815
373.74	379.5253	4.90815
373.75	379.5253	4.90815
373.76	379.5253	4.90815
373.78	379.5253	4.90815
373.79	379.5253	4.90941
373.8	385.6936	4.91184
373.97	385.6936	4.9167
374.13	385.6936	4.92039
375.62	385.6936	4.93857
375.97	386.3919	4.94226
376.99	392.5602	4.95558
377.97	395.5862	4.96899
379.38	401.6381	4.98717
379.97	401.6381	4.99572
380.5	407.1081	5.00058
381.64	413.16	5.01633
381.97	413.16	5.02002
383.38	418.5136	5.03946
383.97	418.5136	5.04675
384.57	424.2164	5.05404
385.97	426.4277	5.07222
386.51	432.596	5.07951
387.87	438.7643	5.09778
387.97	439.4626	5.09895
389.35	445.6309	5.11722
389.97	445.6309	5.12451
390.63	451.3337	5.13297
391.97	455.5235	5.15241
393.55	461.5754	5.17185
393.97	461.5754	5.17671
394.16	461.5754	5.1804
394.53	461.5754	5.18526
395.94	467.6273	5.20353
395.97	467.9765	5.20353
396.99	474.0284	5.21685
397.35	474.0284	5.22171
397.73	474.3775	5.22657
397.97	475.8905	5.23026
398.82	482.0588	5.24115
399.97	482.7571	5.25573
400.96	488.809	5.26914

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
132.29	710.9758	1.92
132.37	710.9758	1.92
132.4	710.9758	1.92
132.56	710.9758	1.92
132.58	710.9758	1.92
132.62	710.9758	1.92
132.72	710.9758	1.9254
133.01	710.9758	1.9295
133.18	710.9758	1.9281
133.51	710.9758	1.9376
133.55	710.9758	1.9389
133.57	710.9758	1.9389
133.58	710.9758	1.9403
133.61	710.9758	1.9403
133.63	710.9758	1.9416
133.66	710.9758	1.9416
133.68	710.9758	1.9389
133.72	710.9758	1.9403
133.79	710.9758	1.9389
133.9	710.9758	1.9389
133.92	710.9758	1.9389
133.95	710.9758	1.9376
133.97	710.9758	1.9389
133.99	710.9758	1.9376
133.99	710.9758	1.9362
134	710.9758	1.9362
134.02	710.9758	1.9376
134.04	710.9758	1.9376
134.05	710.9758	1.9389
134.06	711.2051	1.9403
134.08	717.1691	1.9416
134.16	723.0184	1.9457
134.42	723.0184	1.9497
134.53	723.0184	1.9497
134.63	723.0184	1.9511
134.68	723.0184	1.9538
134.95	723.0184	1.9578
135.53	723.0184	1.9673
135.8	723.0184	1.9659
135.9	723.0184	1.9686
135.94	728.8677	1.9713
135.99	729.2118	1.9727
136.05	729.2118	1.9727
136.22	729.2118	1.9754
136.39	729.2118	1.9781
136.54	729.2118	1.9794
136.91	729.2118	1.9862
137.1	729.2118	1.9875
137.45	729.2118	1.9943
137.74	729.2118	1.9956
137.99	730.244	1.9997
138.14	736.0933	2.0037

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
272.64	735.1541	4.079
272.86	735.1541	4.0804
273.98	735.1541	4.0979
275.09	735.1541	4.1141
275.98	735.1541	4.1249
276.64	735.1541	4.1357
277.56	735.1541	4.1506
277.98	735.1541	4.1546
278.84	735.1541	4.1668
278.86	735.1541	4.1668
279.73	735.1541	4.1816
279.98	735.1541	4.1857
280.63	735.1541	4.1938
280.92	735.1541	4.1965
281.72	735.1541	4.21
281.98	735.1541	4.214
283.02	735.1541	4.2275
283.98	735.1541	4.2424
284.65	735.1541	4.2532
284.71	735.1541	4.2532
284.81	735.1541	4.2532
284.86	735.1541	4.2559
285.98	735.1541	4.2721
286.63	735.1541	4.2816
286.68	735.1541	4.2829
286.74	735.1541	4.2829
286.85	735.1541	4.2829
286.87	735.1541	4.2829
286.9	735.1541	4.2843
287.98	735.1541	4.3018
288.71	735.1541	4.3113
288.86	735.1541	4.314
289.98	735.1541	4.3288
290.65	735.1541	4.3396
290.79	735.1541	4.341
291.98	735.1541	4.3585
292.64	735.1541	4.3693
292.77	735.1541	4.3693
293.98	735.1541	4.3882
294.19	735.1541	4.3896
294.3	735.1541	4.3923
294.61	735.1541	4.3963
294.86	735.1541	4.4004
295.98	735.1541	4.4166
297.98	735.1541	4.4463
298.66	735.1541	4.4557
298.85	735.1541	4.4571
299.01	738.1	4.4611
299.53	738.1	4.4679
299.98	738.1	4.4746
300.61	738.1	4.4841
301.98	730.4252	4.503

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
359.21	761.7511	4.69917
359.97	761.7511	4.71015
360.94	761.7511	4.7223
361.9	765.7129	4.73445
361.97	765.7129	4.73688
362.26	769.6748	4.73931
362.48	769.6748	4.74291
362.95	769.889	4.74903
363.88	775.5641	4.76118
363.97	775.5641	4.76118
365.26	780.0613	4.77819
365.97	783.1666	4.78665
366.51	783.1666	4.79637
366.63	783.1666	4.7952
367.16	788.7346	4.80366
367.97	788.7346	4.81464
368.28	793.5531	4.81707
368.69	793.5531	4.8231
369.34	793.8744	4.83165
369.97	793.8744	4.84011
370.3	796.8726	4.84497
370.75	796.8726	4.84983
371.34	797.1938	4.85838
371.97	797.7292	4.86684
373.1	803.4043	4.88142
373.97	803.4043	4.8924
374.53	803.4043	4.89969
374.65	803.4043	4.90086
374.83	803.4043	4.90329
375.54	803.4043	4.91301
375.97	803.4043	4.91787
376.27	807.5803	4.92273
376.52	807.5803	4.92642
376.81	807.9016	4.93011
377.97	810.5785	4.94469
379.44	816.1465	4.96287
379.97	817.1102	4.97142
381.27	822.6783	4.98843
381.97	822.6783	4.99689
382.68	822.6783	5.00544
382.78	822.6783	5.00661
383.97	822.6783	5.02362
384.97	822.6783	5.03577
385.97	822.6783	5.04918
386.42	822.6783	5.05404
387.57	822.6783	5.06979
387.97	822.6783	5.07465
388.37	824.2845	5.07834
388.48	824.2845	5.08194
389.11	824.4986	5.09049
389.97	824.8198	5.10138
391.97	829.21	5.12694

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
401.97	492.9988	5.28129
402.6	499.1671	5.28975
402.66	499.1671	5.29101
403.23	499.1671	5.2983
403.97	502.1931	5.30676
405.07	508.245	5.3226
405.97	511.6201	5.33349
407.38	517.672	5.35293
407.97	517.672	5.36022
408.54	523.3748	5.36877
409.78	529.5431	5.38335
409.97	531.4053	5.38578
411.36	537.4572	5.40522
411.97	538.621	5.41125
412.7	544.6729	5.42097
413.97	546.5351	5.43798
414.4	552.587	5.44527
414.49	552.587	5.44527
414.8	552.587	5.44896
415.97	555.1474	5.46597
416.5	561.3157	5.47209
417.82	567.3676	5.48784
417.97	567.3676	5.4891
418.48	573.5359	5.49639
419.97	575.6308	5.51583
420.51	581.7991	5.52312
421.92	587.8511	5.54256
421.97	588.2002	5.54256
423.83	594.2521	5.56686
423.96	594.6013	5.56929
424.58	600.6532	5.57775
425.96	603.2136	5.59476
427.1	609.2655	5.60934
427.96	609.9638	5.62032
428.62	616.1322	5.63004
429.75	622.1841	5.64462
429.96	622.1841	5.64705
431.2	628.1196	5.66406
431.96	630.3309	5.67495
433.3	636.3828	5.69079
433.47	636.3828	5.69322
433.7	636.3828	5.69565
433.96	637.8958	5.69925
435.63	643.8313	5.72112
435.96	643.8313	5.72481
436.49	647.5556	5.73327
437.96	650.116	5.75154
438.86	656.1679	5.76252
439.96	660.3577	5.7771
440.94	666.4097	5.79042
441.96	667.4571	5.80383
443.36	673.3926	5.82201

UCS Test Results@ 28 days, Stage Four

S3N3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
138.23	736.0933	2.0051
138.44	736.0933	2.0091
138.71	736.0933	2.0105
138.82	736.0933	2.0145
139.51	736.0933	2.0226
139.78	736.0933	2.0267
139.84	741.8279	2.028
139.99	741.8279	2.0321
140.07	741.8279	2.0334
140.24	741.8279	2.0321
140.3	743.7777	2.0348
140.79	743.7777	2.0415
140.81	743.7777	2.0415
140.91	743.7777	2.0429
141	743.7777	2.0442
141.08	743.7777	2.0456
141.45	743.7777	2.0523
141.59	743.7777	2.0523
141.74	743.7777	2.0523
141.75	743.7777	2.0537
141.88	743.7777	2.0577
141.99	743.7777	2.0604
142.19	743.7777	2.0631
142.46	743.7777	2.0658
142.88	743.7777	2.0739
142.95	743.7777	2.0726
143.03	743.7777	2.0766
143.11	743.7777	2.0753
143.21	743.7777	2.0753
143.26	743.7777	2.0753
143.36	743.7777	2.0793
143.49	743.7777	2.082
143.51	743.7777	2.0834
143.55	743.7777	2.0847
143.57	743.7777	2.0874
143.62	743.7777	2.0847
143.82	743.7777	2.0834
143.84	743.7777	2.082
143.88	743.7777	2.082
143.9	743.7777	2.082
143.92	743.7777	2.0834
143.95	744.2364	2.0861
143.99	748.9388	2.0874
144.31	748.9388	2.0915
144.97	748.9388	2.1036
145.09	748.9388	2.105
145.61	748.9388	2.1117
145.76	748.9388	2.1117
145.99	748.9388	2.1171
146.21	748.9388	2.1212
146.24	748.9388	2.1226
146.31	748.9388	2.1226

S3N3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
302.34	726.4715	4.5084
302.65	722.5178	4.5138
303.34	718.5641	4.5232
303.98	719.4944	4.534
304.74	715.5407	4.5435
304.84	719.4169	4.5435
305.97	720.1146	4.5624
306.58	716.0834	4.5705
306.87	720.0371	4.5719
307.97	719.3393	4.5894
309.67	723.3706	4.6137
309.96	719.4169	4.6191
309.97	721.1999	4.6191
310.58	717.2462	4.6286
311.9	713.215	4.6475
311.97	712.1297	4.6475

S3N4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
393.97	831.0303	5.15367
395.9	836.4913	5.17797
395.97	836.4913	5.1804
397.97	836.4913	5.20596
398.28	837.9904	5.20839
398.41	837.9904	5.21082
399.94	838.0975	5.23143
399.97	838.0975	5.23143
401.97	838.0975	5.25816
402.33	842.3806	5.26302
402.5	842.3806	5.26545
403.33	842.7018	5.27517
403.97	842.7018	5.28372
404.78	842.7018	5.29461
405.97	842.7018	5.30919
406.28	842.7018	5.31288
406.44	842.7018	5.31648
407.85	842.7018	5.33475
407.97	842.7018	5.33592
409.35	843.6655	5.35419
409.68	843.6655	5.35779
409.97	843.6655	5.36148
410.33	845.7	5.36634
410.58	845.7	5.36994
411.97	845.7	5.38938
413.65	835.3135	5.41008
413.97	838.0975	5.41368
415.97	838.5258	5.43924
417.97	839.7036	5.46714
419.63	834.1356	5.48784
419.97	836.9196	5.4927
421.97	837.7762	5.51826
423.96	834.9922	5.54373
424.84	840.5603	5.55588
425.04	834.8851	5.55831
425.96	835.5276	5.57046
427.96	837.3479	5.59719
429.96	838.5258	5.62275
431.96	838.9541	5.64822
432.42	844.5221	5.65551
432.85	839.1683	5.66037
433.28	844.8434	5.66649
433.55	839.0612	5.67009
433.96	840.4532	5.67495
435.96	839.8107	5.70168
436.26	845.4858	5.70654
436.49	839.8107	5.70897
437.96	838.5258	5.72841
438.44	833.1719	5.73453
439.96	835.7418	5.75397
441.96	836.9196	5.77953
443.96	834.5639	5.805

S3N4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
443.96	673.3926	5.8293
444.58	678.6299	5.83785
445.93	684.6818	5.85486
445.96	684.6818	5.85603
447.19	684.6818	5.87187
447.96	684.6818	5.88276
449.03	684.6818	5.89491
449.96	684.6818	5.90949
450.48	689.5699	5.91561
451.96	693.1778	5.93379
452.93	699.2297	5.9472
453.96	699.2297	5.96052
454.94	702.4884	5.9715
455.86	708.5403	5.98482
455.96	708.5403	5.98608
457.09	713.4284	6.00066
457.96	715.9889	6.01155
458.96	722.0408	6.02496
459.96	722.9718	6.03837
461.96	723.9029	6.06267
462.43	729.9548	6.06996
462.77	729.9548	6.07482
463.29	729.9548	6.08085
463.96	732.5153	6.09183
464.07	732.5153	6.093
464.15	732.5153	6.09183
465.8	738.4508	6.1137
465.96	738.4508	6.1173
467.96	739.2655	6.14403
469.58	745.3174	6.16347
469.96	745.3174	6.16833
471.96	748.8089	6.19506
472.06	748.8089	6.19632
472.58	748.8089	6.20361
472.91	748.8089	6.20721
473.96	748.8089	6.22062
475.59	748.8089	6.24123
475.96	748.8089	6.24735
476.44	748.8089	6.25338
476.52	748.8089	6.25581
476.66	748.8089	6.25707
477.09	748.8089	6.26067
477.96	748.8089	6.27282
478.45	748.8089	6.27894
478.68	748.8089	6.28254
479.07	748.8089	6.28623
479.96	748.8089	6.29964
481.96	748.8089	6.32637
483.47	753.5806	6.34455
483.96	753.5806	6.35184
485.49	757.8868	6.37128
485.96	757.8868	6.37614

UCS Test Results@ 28 days, Stage Four

S3N3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
146.4	748.9388	2.1212
146.47	748.9388	2.1226
146.54	748.9388	2.1226
146.62	754.2147	2.1266
146.83	754.2147	2.1307
147.23	754.2147	2.1361
147.46	754.2147	2.1401
147.54	754.2147	2.1401
147.75	754.2147	2.1388
147.78	754.2147	2.1428
147.99	754.2147	2.1455
148.12	757.5407	2.1482
148.49	757.5407	2.155
148.82	757.5407	2.1577
149.42	763.39	2.1685
149.49	763.39	2.1698
149.55	763.39	2.1698
149.78	763.39	2.1698
149.85	763.39	2.1725
149.99	763.39	2.1752
150.2	765.2251	2.1793
150.72	765.2251	2.1874
150.88	765.2251	2.1874
151.17	765.2251	2.1914
151.76	765.2251	2.1995
151.88	770.9597	2.2022
151.99	770.9597	2.2049
152.33	770.9597	2.2076
152.38	770.9597	2.2076
152.89	770.9597	2.2171
152.96	770.9597	2.2171
153.12	775.2033	2.2211
153.3	775.2033	2.2225
153.78	775.2033	2.2306
153.99	780.2497	2.236
154.07	780.2497	2.2346
155.38	780.2497	2.2522
155.49	780.2497	2.2562
155.57	780.2497	2.2562
155.6	780.2497	2.2589
155.63	780.2497	2.2603
155.67	780.2497	2.2576
155.81	780.2497	2.2562
155.83	780.2497	2.2562
155.85	780.2497	2.2549
155.88	780.2497	2.2576
155.9	780.2497	2.2589
155.98	785.9843	2.263
155.99	786.3284	2.2643
156.27	786.3284	2.2657
156.63	786.3284	2.2711
156.75	786.3284	2.2711

S3N3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
445.96	835.4205	5.83056
447.96	834.7781	5.85729
448.97	829.3171	5.87061
449.26	823.642	5.87547
449.36	817.9669	5.87673
449.38	812.2917	5.87673
449.42	806.7237	5.87673
449.51	801.0486	5.8779
449.6	795.3735	5.87916
449.96	792.8036	5.88402
451.79	798.2646	5.90589
451.96	798.5858	5.90949
453.94	804.0468	5.93505
453.96	803.6184	5.93622
455.93	798.1575	5.96178
455.96	797.7292	5.96178
456.28	803.2972	5.96664
457.96	802.7618	5.98851
459.96	803.9397	6.01524
461.96	804.7963	6.0408
463.96	806.6166	6.06627
465.96	807.3662	6.093
466.57	801.691	6.10029
467.8	796.2301	6.11613
467.96	798.3716	6.11973
469.96	799.5495	6.14403
471.96	796.4442	6.17076
472.25	802.1194	6.17319
472.48	796.4442	6.17805
472.95	802.0123	6.18417
473.92	796.5513	6.19506
473.96	798.3716	6.19632
475.96	799.1212	6.22179
477.96	799.5495	6.24852
479.96	796.5513	6.27525
481.96	794.5168	6.29964
482.71	789.163	6.31053
483.96	791.0904	6.32637
485.96	790.555	6.3531
486.79	785.2011	6.36399
487.96	785.3082	6.37983
489.57	779.9543	6.40044
489.96	782.6312	6.4053
490.18	777.0632	6.40773
491.96	777.8127	6.43086
493.96	777.9198	6.45759
495.03	772.5659	6.47091
495.96	772.7801	6.48432
497.44	767.4262	6.5025
497.96	768.3899	6.50862
499.96	765.7129	6.53535
501.96	765.0705	6.56208

S3N4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
487.28	763.8223	6.39441
487.96	763.8223	6.40287
488.56	768.2449	6.41142
488.83	768.2449	6.41502
489.34	768.2449	6.42114
489.96	768.2449	6.4296
490.42	773.3657	6.43572
491.96	773.3657	6.45516
493.24	776.0425	6.47091
493.45	776.0425	6.47703
493.87	776.0425	6.48063
493.96	776.3917	6.48189
495.38	782.2108	6.50007
495.96	782.2108	6.50736
497.16	784.3057	6.52437
497.96	784.3057	6.53409
499.96	784.3057	6.55965
500.94	788.03	6.5718
501.96	788.03	6.58521
503.5	793.5	6.60582
503.69	793.5	6.60825
503.96	790.7068	6.61194
505.96	793.5	6.63741
507.96	791.7543	6.66414
509.96	791.8706	6.68844
511.96	790.1249	6.71643
513.96	788.7283	6.74316
515.96	787.6808	6.76989
517.96	788.6119	6.79419
518.88	782.7928	6.80877
519.96	784.1894	6.82092
520.8	778.021	6.83307
520.96	771.9691	6.83424
521.96	769.1759	6.84648
522.04	775.2279	6.84891
523.14	769.4087	6.86466
523.49	775.4606	6.86592
523.58	769.2923	6.86952
523.96	770.8053	6.87438
525.34	764.9861	6.89139
525.51	771.0381	6.89139
525.74	764.8698	6.89751
525.96	768.2449	6.89868
526.3	762.1929	6.9048
526.41	768.2449	6.9048
527.67	762.4257	6.92181
527.96	766.15	6.92541
529.96	769.6415	6.95214
531.35	763.8223	6.97041
531.96	764.5206	6.9777
533.68	758.5851	7.00074
533.96	760.098	7.00317

UCS Test Results@ 28 days, Stage Four

S3N3-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
156.82	786.3284	2.2711
156.9	786.3284	2.2751
157.49	786.3284	2.2846
157.57	786.3284	2.2859
157.64	786.3284	2.2873
157.8	786.3284	2.2846
157.82	786.3284	2.2859
157.85	786.3284	2.2886
157.99	786.3284	2.2913
158.49	786.3284	2.2994
158.64	786.3284	2.2981
159.15	786.3284	2.3075
159.42	786.3284	2.3129
159.49	786.3284	2.3143
159.72	786.3284	2.3143
159.82	786.3284	2.3183
159.99	786.3284	2.3197
161.08	786.3284	2.3372
161.53	786.3284	2.3453
161.56	786.3284	2.344
161.59	786.3284	2.3453
161.63	786.3284	2.3453
161.79	786.3284	2.344
161.82	786.3284	2.3426
161.84	786.3284	2.3426
161.87	786.3284	2.344
161.92	787.59	2.348
161.99	788.0488	2.3494
162.15	788.0488	2.3521
162.34	788.0488	2.3534
162.42	788.0488	2.3561
162.5	788.0488	2.3575
162.82	788.0488	2.3602
163.2	788.0488	2.3656
163.3	788.0488	2.3669
163.57	788.0488	2.3723
163.74	788.0488	2.3723
163.79	788.0488	2.375
163.99	790.1132	2.3791
164.21	790.1132	2.3818
164.55	790.1132	2.3858
164.75	790.1132	2.3885
164.88	790.1132	2.3899
165.44	790.1132	2.3993
165.49	790.1132	2.3993
165.58	790.1132	2.402
165.7	790.1132	2.4007
165.73	790.1132	2.398
165.76	790.1132	2.402
165.81	795.8478	2.4034
165.99	795.8478	2.4074
167.82	799.1739	2.4331

S3N3-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
502.84	759.7166	6.57423
503.96	758.2175	6.58764
504.53	763.6785	6.5961
504.69	758.1104	6.59736
505.96	757.575	6.61311
507.96	756.7184	6.63984
509.96	755.0052	6.66657
510.05	749.4371	6.66783
511.07	744.0832	6.68115
511.96	743.9761	6.6933
512.62	738.301	6.70185
513.96	740.2284	6.72003
515.87	734.7675	6.74316
515.96	737.2302	6.74433
516.31	731.5551	6.74802
516.8	725.88	6.75648
516.99	731.5551	6.75774
517.3	725.88	6.7626
517.83	731.4481	6.76863
517.92	725.7729	6.76989
517.96	726.8437	6.76989
518.68	727.0579	6.78078

S3N4-2 Carbonated

Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
535.09	754.2789	7.02018
535.29	760.3308	7.02018
535.85	754.1625	7.02873
535.96	756.8393	7.0299
536.89	750.671	7.04205
537.96	749.0417	7.05546
539.96	747.2959	7.08219
541.59	741.4768	7.10406
541.73	735.4248	7.10532
541.96	730.4204	7.10766
543	736.3559	7.12107
543.95	735.5412	7.13322
545.22	741.3604	7.15023
545.65	735.3084	7.15635
545.95	738.6836	7.15995
547.95	737.6361	7.18668
549.6	731.817	7.20855
549.95	732.1661	7.21224
551.95	734.6101	7.23897
553.17	728.4418	7.25472
553.95	728.3255	7.26327
555.95	728.4418	7.29117
557.56	722.6227	7.31187
557.95	718.4329	7.31673
558.51	712.2646	7.32402
559.95	710.2861	7.3422
561.56	708.5403	7.36533

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
167.99	799.9768	2.4372
168.08	799.9768	2.4372
168.83	799.9768	2.448
169.4	799.9768	2.4561
169.73	799.9768	2.4601
169.96	799.9768	2.4628
169.99	799.9768	2.4642
170.1	799.9768	2.4655
170.52	799.9768	2.4709
170.59	799.9768	2.4709
170.86	799.9768	2.475
170.91	799.9768	2.4763
171.2	799.9768	2.4817
171.62	799.9768	2.4858
171.67	799.9768	2.4858
171.81	799.9768	2.4912
171.99	801.4678	2.4925
172.8	801.4678	2.5047
173.21	801.4678	2.5114
173.31	801.4678	2.5128
173.36	801.4678	2.5141
173.51	801.4678	2.5141
173.73	801.4678	2.5182
173.99	802.3853	2.5236
174.68	802.3853	2.533
175.58	802.3853	2.5465
175.76	802.3853	2.5452
175.81	802.3853	2.5492
175.99	802.9588	2.5519
176.08	802.9588	2.5533
176.15	802.9588	2.5533
176.62	802.9588	2.5587
177.19	802.9588	2.5681
177.42	802.9588	2.5735
177.83	802.9588	2.5776
177.99	803.8763	2.5803
178.83	803.8763	2.5911
179.23	803.8763	2.5992
179.59	803.8763	2.6046
179.75	803.8763	2.6046
179.78	809.6109	2.6073
179.94	809.6109	2.6086
179.99	809.6109	2.6086
180.62	809.6109	2.6181
180.83	809.6109	2.6194
181.77	809.6109	2.6343
181.99	809.6109	2.6383
182.35	809.6109	2.6451
182.53	809.6109	2.6451
183.14	809.6109	2.6532
183.28	809.6109	2.6559
183.37	809.6109	2.6586

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

UCS Test Results@ 28 days, Stage Four

S3N3-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%
183.49	809.6109	2.6599
183.56	809.6109	2.6626
183.7	809.6109	2.6613
183.76	809.6109	2.6626
183.99	811.446	2.6667
184.16	811.446	2.6694
184.33	811.446	2.6721
184.46	811.446	2.6734
184.62	811.446	2.6761
185.33	811.446	2.6856
185.43	811.446	2.6883
185.55	811.446	2.6896
185.76	811.446	2.691
185.98	812.3635	2.695
187.52	812.3635	2.718
187.74	812.3635	2.7207
187.98	812.4782	2.7247
189.59	812.4782	2.7477
189.72	812.4782	2.7464
189.84	818.2128	2.7518
189.98	818.2128	2.7545
191.65	818.2128	2.7761
191.7	818.2128	2.7788
191.82	819.1303	2.7788
191.98	819.1303	2.7828
193.01	819.1303	2.7963
193.57	819.1303	2.8044
193.75	819.1303	2.8044
193.77	819.1303	2.8071
193.98	819.1303	2.8112
195.55	819.1303	2.8341
195.7	819.1303	2.8341
195.95	820.6213	2.8382
195.98	821.7682	2.8409
196.31	821.7682	2.8449
196.49	821.7682	2.8476
197.07	821.7682	2.8557
197.28	821.7682	2.8584
197.39	821.7682	2.8598
197.62	821.7682	2.8638
197.71	821.7682	2.8652
197.86	821.7682	2.8665
197.98	823.4886	2.8692
198.44	823.4886	2.8746
198.78	823.4886	2.8814
199.49	823.4886	2.8908
199.77	823.4886	2.8935
199.98	823.4886	2.8989
201.56	823.4886	2.9205
201.67	823.4886	2.9219
201.91	824.6355	2.9259
201.98	824.6355	2.9273

S3N3-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-1		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

S3N4-2		Carbonated
Time	Sd - Deviator Stress	Ea - Axial Strain
Sec	kPa	%

APPENDIX G: RLT Stage Two

Resilient Modulus (Mr), Stage Two

S1-Saturated

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.1	10.0	52.0	229918.0	0.433
1	150.7	15.0	75.0	278153.1	0.537
2	200.4	20.0	100.5	327783.9	0.65
3	250.4	25.0	125.0	366052.4	0.748
4	300.4	29.9	150.0	400451.8	0.833
5	200.4	20.0	100.0	323342.9	0.812
6	150.6	15.0	51.1	243934.1	0.784
7	225.4	22.5	75.6	328118.0	0.811
8	300.4	29.9	100.0	388171.5	0.851
9	375.9	37.6	125.0	420383.9	0.94
10	451.2	45.0	150.0	452404.6	1.049
11	225.4	22.5	75.9	301682.4	1.008
12	125.9	12.4	41.8	208311.9	0.974
13	101.2	10.0	32.4	181140.1	0.96
14	150.6	15.0	42.4	225992.5	0.976
15	200.6	19.9	51.1	270913.7	0.991
16	300.7	30.0	75.0	356138.7	1.02
17	401.0	39.9	100.0	429217.5	1.056
18	501.5	49.7	125.0	475561.4	1.127
19	300.8	30.0	75.0	348386.2	1.098
20	125.8	12.5	33.0	211304.5	1.054
21	101.3	9.9	23.1	185995.5	1.042
22	150.7	15.0	31.7	226899.8	1.055
23	200.5	20.0	42.3	271729.7	1.069
24	250.5	25.0	51.1	314304.1	1.082
25	376.3	37.6	75.0	412676.0	1.111
26	501.3	50.0	100.0	483057.9	1.153
27	250.5	25.0	51.2	315936.9	1.116
28	180.7	17.9	31.7	254082.4	1.098
29	300.4	30.0	51.9	348782.1	1.121
30	451.5	44.9	75.1	456197.5	1.152
31	301.0	30.0	50.4	353750.9	1.132
32	180.5	18.0	33.1	264384.1	1.111
33	250.5	25.0	41.7	318077.5	1.123
34	210.7	20.9	31.7	284951.9	1.115
35	280.4	28.0	42.5	343509.2	1.127
36	350.9	34.9	51.2	399474.8	1.139
37	526.7	52.0	75.0	499095.5	1.181
38	280.4	28.0	42.6	340012.8	1.151
39	150.7	15.0	23.2	241981.5	1.125
40	245.7	24.4	31.7	309182.8	1.14
41	325.4	32.4	42.5	371939.0	1.155
42	401.1	40.0	51.2	427225.1	1.168
43	245.7	24.5	31.8	314565.9	1.147
44	185.5	18.5	23.7	267784.8	1.136
45	275.4	27.5	32.4	336952.5	1.149
46	371.3	37.0	41.1	408915.0	1.164
47	451.2	44.9	51.7	465373.5	1.178
48	275.4	27.5	32.5	339707.4	1.157
49	225.6	22.5	22.6	296900.7	1.147
50	335.6	33.5	32.6	380316.1	1.162
51	451.3	45.0	41.8	460572.3	1.18
52	551.4	54.8	50.5	498651.9	1.216
53	250.5	25.0	23.5	308533.8	1.182
54	376.0	37.4	32.4	393572.0	1.199
55	501.2	50.1	41.0	473397.2	1.222
56	300.5	30.0	23.3	340165.8	1.2
57	451.4	45.0	32.3	440453.8	1.219
58	601.4	59.6	40.9	483532.6	1.301
59	501.4	50.0	32.5	437926.8	1.307
60	351.0	35.0	23.2	351554.5	1.293
61	551.3	54.9	31.5	463379.4	1.333
62	376.0	37.5	23.3	365664.4	1.319
63	576.3	57.4	32.2	474141.8	1.361
64	401.6	40.0	22.4	379189.2	1.348
65	501.5	50.0	23.3	439420.0	1.362

S1-Dried

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.6	9.937	51.806	275810.5	0.336
1	151.1	14.935	75.141	343447.5	0.373
2	200.8	20.036	100.003	401656.2	0.42
3	250.5	24.969	125	456047.6	0.465
4	300.7	29.932	150.004	507425.1	0.507
5	200.7	20.081	100.004	408803.3	0.483
6	150.9	15.012	52.157	310339.1	0.455
7	225.7	22.406	75.602	389836.1	0.475
8	301.0	30.004	100.002	460924.1	0.498
9	376.1	37.423	124.997	516753.4	0.533
10	451.3	44.969	149.994	568197.3	0.581
11	225.7	22.466	75.155	379179.6	0.539
12	126.3	12.486	41.653	271423.3	0.51
13	101.6	9.976	32.965	241803.9	0.499
14	151.1	14.96	41.709	287641.2	0.51
15	200.8	19.987	50.536	332047.7	0.52
16	300.4	29.963	76.148	431964.0	0.545
17	401.3	40.016	99.997	519515.1	0.569
18	501.2	50.137	124.997	591242.0	0.599
19	300.4	29.975	76.434	432162.2	0.572
20	126.4	12.453	32.653	253605.5	0.532
21	101.7	10.095	22.696	217590.3	0.52
22	151.1	14.923	32.574	271537.4	0.532
23	200.7	19.954	42.171	322918.4	0.543
24	250.6	25.046	51.04	373788.9	0.554
25	376.3	37.537	75.006	491998.2	0.578
26	501.3	49.941	100.09	587439.7	0.604
27	250.7	24.924	51.275	375877.2	0.572
28	180.8	18.085	31.643	294099.0	0.555
29	300.4	29.989	51.989	415101.9	0.575
30	451.3	45.037	75.249	546624.1	0.598
31	301.1	30.064	50.66	417814.0	0.581
32	180.7	17.955	33.191	299969.3	0.564
33	250.6	24.913	41.894	370263.6	0.573
34	210.7	21.07	31.847	324564.3	0.566
35	280.5	27.965	42.223	400493.5	0.577
36	351.0	34.93	51.524	470193.2	0.587
37	526.3	52.41	74.999	605763.7	0.615
38	280.8	27.899	41.814	394963.9	0.588
39	151.0	15.01	23.421	260286.3	0.567
40	245.7	24.483	32.026	352816.5	0.58
41	326.3	32.463	41.03	434494.7	0.591
42	401.3	39.916	51.766	508159.5	0.603
43	245.7	24.412	32.205	358818.6	0.585
44	185.7	18.592	22.258	292149.6	0.575
45	275.5	27.502	32.958	391158.1	0.588
46	371.2	36.982	41.715	484326.3	0.6
47	451.5	44.888	50.486	559066.3	0.611
48	275.5	27.478	33.06	394001.2	0.594
49	225.7	22.416	23.137	335988.0	0.586
50	336.2	33.562	31.726	447603.2	0.598
51	451.4	44.946	41.965	555785.1	0.613
52	551.2	54.96	51.417	625635.2	0.629
53	250.7	25.052	22.586	353345.7	0.599
54	376.3	37.549	32.031	473437.1	0.612
55	501.3	49.979	42.016	585055.9	0.627
56	300.9	30.036	22.689	399923.6	0.608
57	451.4	45.022	31.44	539365.4	0.623
58	601.2	59.976	42.087	639595.9	0.645
59	501.5	49.841	32.018	564687.0	0.639
60	351.7	34.816	22.089	436683.9	0.626
61	551.1	54.976	32.752	604418.6	0.646
62	376.3	37.524	22.853	458415.5	0.632
63	576.0	57.685	31.348	621544.5	0.651
64	401.1	39.981	23.669	480292.2	0.639
65	501.3	49.969	22.9	563979.1	0.647

Resilient Modulus (Mr), Stage Two

S2-Saturated

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.3	10.0	51.7	273187.6	-0.047
1	150.8	14.9	75.3	337341.0	0.09
2	200.5	20.1	100.0	417586.8	0.265
3	250.5	24.9	125.0	491705.2	0.398
4	300.4	30.0	150.0	566569.7	0.513
5	200.6	19.9	100.0	432435.4	0.48
6	151.0	14.8	50.4	298834.3	0.437
7	225.4	22.5	75.8	401592.8	0.475
8	300.4	30.1	100.0	495675.7	0.533
9	376.0	37.7	125.0	576541.6	0.644
10	451.1	44.9	150.0	657566.6	0.769
11	225.5	22.4	75.5	391725.0	0.706
12	125.9	12.6	41.3	256126.1	0.657
13	101.3	10.0	32.6	221817.6	0.64
14	150.8	14.9	42.0	271911.8	0.659
15	200.5	20.1	50.9	322561.0	0.679
16	300.9	29.8	75.0	442647.6	0.722
17	400.8	40.0	100.0	561252.5	0.773
18	501.3	50.2	125.0	656325.2	0.86
19	301.1	29.8	75.0	446492.2	0.818
20	125.9	12.5	33.0	239091.9	0.749
21	101.3	10.0	23.1	201851.9	0.731
22	150.8	14.9	31.7	251612.1	0.75
23	200.6	19.9	42.0	303572.6	0.77
24	250.5	24.9	51.4	355938.1	0.789
25	376.3	37.4	75.0	494121.8	0.835
26	501.6	49.8	100.0	618550.8	0.899
27	250.4	25.0	51.7	362818.4	0.844
28	180.6	18.0	32.1	275370.8	0.816
29	300.9	30.1	50.3	393221.6	0.85
30	451.1	45.0	75.9	541441.3	0.9
31	300.5	30.0	51.2	396870.5	0.871
32	180.7	18.0	31.8	274057.2	0.837
33	250.4	25.0	42.3	343170.8	0.856
34	210.6	20.9	32.5	298131.8	0.844
35	280.8	27.8	41.3	366069.1	0.861
36	350.8	35.0	51.2	438408.3	0.88
37	526.4	52.5	75.5	580601.4	0.961
38	280.6	28.0	41.5	361627.2	0.916
39	150.9	14.8	22.3	235024.2	0.876
40	245.5	24.5	32.8	317548.2	0.902
41	325.8	32.5	41.6	392210.1	0.923
42	401.5	39.9	50.4	465949.8	0.944
43	245.4	24.5	33.1	323482.1	0.915
44	185.6	18.5	23.2	264509.8	0.897
45	275.9	27.3	31.8	346545.2	0.917
46	370.7	37.0	42.1	437375.0	0.94
47	451.4	44.9	51.4	510159.3	0.966
48	275.7	27.4	32.0	351257.1	0.934
49	225.5	22.5	22.8	297434.9	0.919
50	335.5	33.5	32.7	398302.0	0.943
51	451.2	45.1	41.4	496322.2	0.972
52	551.3	55.0	50.1	557353.0	1.043
53	250.4	25.0	23.6	311908.3	0.992
54	376.2	37.4	32.2	413703.3	1.02
55	501.6	49.8	40.8	515216.8	1.06
56	300.4	30.0	23.8	347494.9	1.027
57	451.3	45.0	32.3	469295.5	1.059
58	600.6	60.4	40.9	555470.7	1.173
59	501.3	49.9	32.9	488666.2	1.177
60	350.9	34.9	23.2	375257.2	1.157
61	551.5	54.8	31.7	521647.4	1.213
62	376.0	37.4	23.2	391775.3	1.191
63	576.5	57.1	32.4	533851.7	1.254
64	401.2	40.1	22.6	408043.9	1.234
65	501.7	49.6	22.7	481800.8	1.255

S2-Dried

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.1	9.967	51.931	346512.2	0.989
1	150.7	14.946	75.656	426340.6	1.008
2	200.7	19.931	99.999	498127.1	1.026
3	250.6	24.937	125.009	567008.1	1.043
4	301.0	29.903	149.978	635682.6	1.059
5	200.7	19.977	100.005	514615.1	1.038
6	150.7	14.957	51.627	393232.9	1.013
7	225.5	22.412	76.013	491496.1	1.03
8	300.6	29.896	100.002	579388.1	1.046
9	376.2	37.43	125.009	655091.8	1.066
10	451.4	44.908	150.005	716832.5	1.098
11	225.7	22.478	75.002	493202.0	1.061
12	125.8	12.486	41.23	350797.1	1.034
13	101.1	9.973	32.732	307684.9	1.025
14	150.6	14.942	42.346	371381.3	1.034
15	200.6	19.931	51.553	426142.0	1.044
16	300.6	29.921	75.195	538650.4	1.063
17	401.4	40.012	100.007	643435.5	1.085
18	501.6	49.741	125.003	718762.6	1.121
19	300.8	29.946	75.018	542990.4	1.096
20	125.7	12.45	32.897	334616.9	1.061
21	101.1	9.969	23.481	291937.3	1.05
22	150.7	14.971	32.43	349911.2	1.059
23	200.7	19.925	41.557	405511.6	1.069
24	250.6	24.979	50.754	459828.8	1.078
25	376.6	37.426	75.002	592530.1	1.101
26	501.3	49.938	100.006	696844.2	1.131
27	250.5	24.902	51.925	465914.1	1.1
28	180.6	17.915	32.777	378089.0	1.085
29	300.6	29.907	51.355	500079.8	1.102
30	451.4	44.963	75.012	642262.5	1.126
31	301.0	29.912	50.742	502035.5	1.109
32	180.8	17.996	31.487	373506.1	1.091
33	250.6	24.931	41.497	447666.1	1.101
34	210.5	20.908	32.897	401972.9	1.095
35	280.5	27.915	42.138	474623.7	1.104
36	350.8	34.935	51.347	545848.7	1.113
37	526.1	52.629	75.009	680327.7	1.148
38	280.8	27.915	41.219	468585.6	1.122
39	150.8	15.013	22.189	329933.7	1.101
40	245.6	24.441	32.057	421800.0	1.113
41	325.4	32.421	42.318	503826.9	1.125
42	401.1	39.922	51.622	576679.3	1.136
43	245.6	24.423	32.387	425148.9	1.119
44	185.7	18.432	22.763	358157.7	1.109
45	275.7	27.431	31.691	448701.5	1.119
46	371.7	36.82	40.718	542396.6	1.131
47	451.5	44.98	51.042	617470.0	1.143
48	275.5	27.381	33.006	451512.6	1.126
49	225.6	22.402	23.358	393519.0	1.118
50	335.7	33.449	32.248	500445.6	1.13
51	451.5	44.898	41.322	603979.0	1.144
52	551.5	54.611	50.387	662861.4	1.171
53	250.7	24.915	22.109	406936.3	1.141
54	376.0	37.432	32.311	519008.2	1.156
55	501.5	49.878	42.269	623435.4	1.173
56	stop				
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Resilient Modulus (Mr), Stage Two

S3-Saturated

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.9	10.0	52.3	332865.9	0.549
1	150.5	15.0	75.8	411599.5	0.629
2	200.5	20.1	100.0	518248.0	0.744
3	250.3	25.0	125.3	615283.8	0.836
4	300.4	30.0	150.0	698606.7	0.917
5	200.6	19.9	100.0	535454.8	0.889
6	150.6	15.0	52.6	374737.6	0.853
7	225.4	22.5	76.0	506849.4	0.881
8	300.6	30.2	100.0	622874.6	0.917
9	375.3	37.5	125.4	705951.6	0.999
10	451.1	45.1	150.0	795015.2	1.095
11	225.5	22.5	75.5	490822.2	1.044
12	125.7	12.5	43.1	325242.6	1.004
13	101.0	9.9	33.1	279403.5	0.989
14	150.5	15.1	41.9	333248.1	1.003
15	200.5	20.0	52.3	399080.6	1.019
16	300.3	30.0	76.2	543784.5	1.052
17	401.7	39.5	100.0	692788.5	1.087
18	501.1	50.1	125.0	799833.5	1.148
19	300.3	30.0	76.3	555750.0	1.113
20	125.7	12.5	32.6	298761.1	1.055
21	101.1	9.9	23.7	254417.9	1.04
22	150.6	15.0	33.2	313068.0	1.055
23	200.4	20.1	42.1	369677.5	1.069
24	250.4	25.0	51.7	436357.0	1.084
25	375.7	37.4	76.4	614497.8	1.121
26	501.6	49.8	100.0	769622.2	1.168
27	250.4	25.0	51.7	449275.4	1.12
28	180.4	18.0	33.4	344635.8	1.097
29	300.6	29.9	51.7	486934.9	1.124
30	451.5	44.8	75.3	682796.2	1.16
31	300.4	30.0	52.4	495583.4	1.136
32	180.5	18.0	32.8	346733.6	1.108
33	250.5	25.1	41.6	426050.1	1.121
34	210.4	21.0	33.4	377315.8	1.113
35	280.4	28.0	42.2	461834.8	1.126
36	351.4	34.7	51.1	555552.1	1.14
37	526.0	52.7	76.5	747738.8	1.194
38	280.4	28.0	42.3	467386.7	1.154
39	150.5	15.1	23.0	308152.7	1.121
40	245.3	24.5	33.5	409432.9	1.141
41	325.6	32.4	42.3	499929.3	1.156
42	401.8	39.6	51.2	591328.8	1.173
43	245.3	24.5	33.6	411254.0	1.148
44	185.5	18.5	23.6	337820.4	1.133
45	275.4	27.6	32.3	434894.5	1.149
46	370.3	37.0	43.0	542418.3	1.166
47	451.2	45.0	51.9	637307.4	1.184
48	275.5	27.5	32.4	438840.0	1.157
49	225.4	22.5	24.2	375892.0	1.146
50	335.6	33.4	33.0	495880.9	1.164
51	451.7	44.6	41.8	628435.4	1.184
52	551.2	54.9	52.3	734074.8	1.231
53	250.3	25.0	23.8	425267.2	1.188
54	376.3	37.3	32.4	536603.4	1.206
55	501.2	50.0	42.7	664404.3	1.234
56	300.4	30.0	23.8	452512.9	1.205
57	451.8	44.5	32.4	618380.2	1.229
58	601.3	59.7	42.5	727502.1	1.307
59	501.8	49.6	33.0	647572.2	1.306
60	351.3	34.8	23.1	499842.6	1.287
61	551.4	54.7	33.1	701211.9	1.323
62	375.6	37.6	23.8	525741.6	1.303
63	575.3	58.2	32.3	726999.3	1.341
64	400.8	40.2	23.7	557615.9	1.323
65	501.5	49.7	23.7	653253.6	1.335

S3-Dried

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.0	9.882	51.799	467584.6	0.248
1	150.5	15.105	75	574398.8	0.283
2	200.5	19.947	100.543	684371.2	0.325
3	250.5	24.982	124.995	767536.3	0.359
4	300.3	30.015	150.001	819459.5	0.389
5	200.5	19.977	99.999	630705.7	0.365
6	150.5	15.051	51.84	467414.4	0.336
7	225.4	22.454	75.62	597456.0	0.355
8	300.6	30.072	99.999	724524.1	0.376
9	376.2	37.454	125	822816.0	0.405
10	451.3	44.94	149.995	919343.9	0.438
11	225.3	22.528	75.857	592638.0	0.395
12	125.6	12.724	41.484	409266.3	0.363
13	101.0	9.759	32.976	366109.5	0.353
14	150.5	15.287	41.382	453059.4	0.366
15	200.6	19.871	52.159	544397.1	0.379
16	300.8	30.114	75.161	688894.3	0.4
17	401.1	39.927	100.268	835439.7	0.421
18	501.3	49.98	124.998	955872.9	0.445
19	300.6	29.964	75.938	704230.4	0.416
20	125.9	12.198	32.468	409395.2	0.371
21	100.8	10.328	22.992	337679.2	0.358
22	150.3	15.311	33.049	421747.8	0.372
23	200.5	20.069	41.559	485479.5	0.383
24	250.3	25.153	51.875	567855.6	0.395
25	376.2	37.664	75.007	756633.6	0.418
26	501.2	50.037	100.522	916181.2	0.441
27	250.6	24.977	51.298	564900.1	0.402
28	180.2	18.283	33.008	432689.2	0.382
29	300.5	30.298	51.455	596334.0	0.404
30	451.2	45.122	75.424	795683.3	0.428
31	300.6	29.744	52.036	600371.8	0.407
32	180.7	17.73	32.39	425217.1	0.384
33	250.8	24.701	41.386	520913.2	0.396
34	210.3	21.219	33.05	459472.4	0.388
35	280.5	28.251	41.863	552992.9	0.399
36	351.0	35.349	50.749	647397.7	0.41
37	526.3	52.328	76.093	857764.4	0.438
38	280.5	28.131	41.973	545301.4	0.405
39	150.5	15.348	22.672	353089.2	0.377
40	245.2	24.768	33.152	485258.7	0.395
41	325.8	32.502	41.979	584266.8	0.407
42	401.2	40.128	50.893	679968.9	0.418
43	245.2	24.721	33.28	483782.6	0.397
44	185.7	18.15	23.35	394733.1	0.383
45	276.1	27.082	32.026	511075.0	0.398
46	370.8	36.87	42.569	633455.4	0.412
47	451.4	44.831	51.599	730693.9	0.423
48	276.1	27.073	32.091	510550.4	0.4
49	225.6	22.284	23.711	436167.2	0.389
50	335.7	33.602	32.688	572859.1	0.405
51	451.5	44.828	41.534	707044.2	0.419
52	551.0	55.185	51.754	810040.6	0.435
53	250.6	24.681	23.523	454125.3	0.397
54	376.2	37.779	32.124	598465.4	0.413
55	501.0	50.279	42.08	742419.4	0.428
56	300.4	30.119	23.524	501278.9	0.403
57	451.3	45.034	32.131	670694.6	0.42
58	601.3	59.758	41.9	821144.9	0.442
59	500.9	50.292	32.797	714185.4	0.433
60	351.1	35.247	22.92	550106.5	0.416
61	551.6	54.515	32.381	757847.5	0.436
62	376.2	37.393	23.538	572327.4	0.42
63	576.0	57.455	32.125	777397.2	0.439
64	400.9	40.261	22.97	592714.2	0.423
65	500.9	50.327	23.556	689888.4	0.431

Resilient Modulus (Mr), Stage Two

S4-Saturated

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.3	9.59	25.3	270218.3	0.33
1	150.7	15.949	47.005	350147.3	0.408
2	184.2	18.977	34.314	394708.7	0.493
3	228.2	24.09	46.472	457502.5	0.551
4	273.9	29.04	59.777	517180.8	0.595
5	190.3	19.063	37.8	415792.6	0.58
6	151.6	13.999	30.819	320436.7	0.563
7	231.1	18.747	36.187	423777.2	0.589
8	295.1	28.948	51.799	519218.5	0.631
9	212.4	36.578	43.945	503283.7	0.691
10	240.8	44.008	55.02	583565.9	0.702
11	230.5	19.167	41.61	438591.9	0.678
12	126.3	11.995	22.225	277949.9	0.642
13	101.0	10.212	16.271	242092.3	0.629
14	149.9	16.091	20.304	292127.7	0.643
15	201.4	19.05	31.705	373602.8	0.664
16	286.9	28.979	35.788	495091.8	0.702
17	375.6	39.084	54.25	589981.2	0.735
18	172.6	48.998	39.837	557423.1	0.747
19	300.7	30.858	47.881	508504.0	0.739
20	126.8	11.636	15.477	265537.8	0.683
21	102.4	9.264	8.432	219949.4	0.665
22	150.3	15.434	16.504	282317.4	0.686
23	200.3	21.056	21.012	341024.7	0.702
24	250.5	25.144	30.719	416568.0	0.721
25	361.9	36.534	39.849	553310.2	0.792
26	292.4	49.102	47.517	609432.1	0.806
27	250.8	25.995	29.336	417632.2	0.773
28	181.4	17.185	15.587	316071.9	0.749
29	300.9	30.978	29.427	457117.2	0.783
30	387.5	44.078	39.315	587917.8	0.831
31	300.9	30.937	29.787	451357.4	0.812
32	180.9	17.683	15.054	308008.3	0.781
33	251.1	24.393	23.461	390335.4	0.8
34	210.4	21.919	14.409	333821.3	0.788
35	281.2	27.397	23.9	420968.2	0.807
36	349.1	34.065	24.753	506953.4	0.828
37	517.3	51.471	46.418	618059.4	0.959
38	281.4	28.399	19.984	387700.2	0.92
39	150.9	14.959	9.837	252897.2	0.884
40	245.7	25.407	14.361	342960.3	0.908
41	326.3	32.103	23.876	433588.3	0.935
42	401.8	38.163	26.305	520048.9	0.964
43	245.0	24.85	16.717	351444.8	0.935
44	185.2	18.771	8.926	284306.0	0.917
45	275.7	28.407	13.801	375698.1	0.937
46	371.2	36.892	23.954	481244.0	0.964
47	446.9	43.967	26.618	566586.9	1
48	276.1	26.964	15.866	381220.6	0.968
49	225.0	22.8	9.105	324109.2	0.955
50	336.3	34.116	14.021	434871.7	0.978
51	451.0	45.519	24.122	544881.2	1.015
52	532.9	54.019	26.864	614892.3	1.109
53	251.1	24.396	8.451	338287.7	1.056
54	376.4	37.345	16.118	456109.7	1.087
55	494.2	49.092	19.822	580751.1	1.131
56	299.9	30.42	9.588	383902.5	1.098
57	450.8	45.874	15.178	520772.0	1.13
58	568.7	59.027	19.653	633986.2	1.205
59	500.9	50.39	16.161	554371.7	1.208
60	351.0	35.344	8.126	426069.8	1.187
61	552.1	53.973	15.531	591944.0	1.241
62	376.7	37.095	8.851	446492.6	1.22
63	565.3	56.55	13.242	616366.1	1.282
64	400.9	40.105	9.54	465707.6	1.262
65	500.6	50.803	8.24	545835.6	1.284

S4-Dried

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.7	10.013	51.223	458115.3	0.443
1	150.8	14.774	75.184	580267.2	0.492
2	200.6	19.894	99.997	690855.4	0.55
3	250.5	24.937	125	799098.2	0.601
4	301.1	30.181	149.978	887770.1	0.642
5	200.4	20.086	100.256	680641.1	0.623
6	150.6	15.136	50.712	562771.5	0.604
7	225.3	22.554	75.989	696646.2	0.62
8	301.0	29.915	99.999	824306.7	0.64
9	376.9	37.009	125.004	930403.6	0.682
10	450.8	45.448	150	1003518.7	0.729
11	225.6	22.382	75.371	678460.1	0.697
12	125.7	12.599	40.932	484670.5	0.674
13	100.9	10.022	32.972	436263.1	0.668
14	150.7	14.932	40.941	520204.0	0.676
15	200.4	20.168	51.719	597082.7	0.685
16	301.1	30.16	75.002	753127.6	0.701
17	401.3	40.002	100.042	896909.9	0.719
18	500.9	50.349	125.003	1018585.6	0.752
19	300.7	30.131	75.537	746948.7	0.729
20	125.7	12.398	32.357	452343.7	0.698
21	100.9	9.997	22.871	384693.7	0.688
22	150.7	14.92	32.489	480449.5	0.698
23	200.9	19.736	40.885	553905.9	0.706
24	250.3	25.149	51.688	631575.1	0.715
25	377.2	36.857	74.997	822192.6	0.733
26	500.9	50.371	100.116	985092.9	0.756
27	251.1	24.673	50.65	631405.6	0.728
28	180.7	17.786	33.084	504676.7	0.714
29	301.1	30.001	50.831	684721.1	0.73
30	450.7	45.486	75.654	895961.8	0.748
31	301.2	29.585	51.117	685118.4	0.733
32	180.6	18.025	32.324	493925.5	0.717
33	250.5	24.946	41.843	600100.1	0.726
34	210.5	21.239	31.719	527572.8	0.719
35	280.7	27.792	42.008	636221.4	0.727
36	351.7	34.707	50.243	737928.3	0.735
37	525.9	52.898	75.852	968508.3	0.763
38	281.3	27.63	41.159	634935.4	0.739
39	150.5	15.006	23.538	430681.7	0.72
40	245.5	24.731	31.934	561589.1	0.731
41	326.1	32.194	41.769	682896.7	0.741
42	400.9	40.38	51.135	788539.7	0.75
43	245.6	24.693	31.924	562723.2	0.733
44	185.4	18.706	23.235	465334.5	0.724
45	276.1	27.538	31.604	595646.2	0.734
46	371.0	37.037	42.157	735465.5	0.745
47	452.0	44.429	51.192	848624.8	0.754
48	276.2	27.54	31.605	594291.8	0.737
49	225.2	22.749	23.606	508779.1	0.729
50	336.4	33.334	32.269	666050.8	0.74
51	452.3	44.154	40.808	821730.7	0.751
52	550.5	55.52	51.829	943036.0	0.772
53	250.5	25.046	22.89	539288.5	0.744
54	377.4	36.77	31.342	707511.8	0.755
55	501.0	50.355	42.212	871888.9	0.768
56	301.1	29.894	22.81	595122.3	0.749
57	452.3	44.091	31.233	790769.7	0.762
58	601.4	59.671	42.09	962578.0	0.791
59	502.4	49.164	31.944	849303.7	0.784
60	352.5	34.232	21.976	663871.7	0.772
61	550.7	55.332	32.615	913913.3	0.79
62	376.4	37.442	22.682	725854.7	0.778
63	575.9	55.853	31.051	988706.9	0.795
64	400.6	40.586	23.347	773625.2	0.783
65	502.2	49.081	22.535	896734.5	0.789

Resilient Modulus (Mr), Stage Two

S5-Saturated

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.6	9.994	50.002	381017.1	0.395
1	152.1	14.368	75.024	446501.3	0.487
2	200.3	20.643	99.984	533530.9	0.602
3	251.3	24.474	124.987	628899.6	0.699
4	301.9	29.124	150.01	731915.5	0.778
5	201.6	19.378	100.011	580663.5	0.747
6	151.9	14.434	50.005	404719.2	0.707
7	225.1	23.128	74.986	516473.8	0.736
8	301.6	28.982	100.014	638801.3	0.777
9	375.9	38.355	124.953	720621.4	0.863
10	452.2	44.075	149.961	816534.3	0.962
11	225.7	22.345	75.005	524521.7	0.905
12	126.4	12.415	40.004	356152.2	0.861
13	101.0	10.585	30.003	308037.3	0.846
14	151.6	14.877	40.005	363558.0	0.861
15	200.9	20.254	50.005	427908.6	0.877
16	299.8	30.648	75.007	559893.1	0.913
17	402.1	39.034	99.991	699494.3	0.952
18	500.7	50.635	124.995	814882.0	1.014
19	301.8	29.027	74.994	592055.5	0.977
20	126.3	12.906	30.004	331312.9	0.916
21	102.9	9.408	22.238	297079.9	0.903
22	150.8	15.206	30.559	349065.5	0.917
23	200.5	20.47	40.005	413963.7	0.934
24	251.4	24.325	50.005	484648.1	0.95
25	376.2	37.901	74.952	657206.5	0.987
26	502.2	48.972	99.966	803534.4	1.031
27	250.1	25.414	50.006	509494.4	0.984
28	180.3	18.495	30.23	394035.6	0.958
29	301.6	29.245	50.005	543185.6	0.987
30	450.5	45.933	74.955	729106.2	1.024
31	300.8	30.165	50.004	555232.3	0.999
32	181.2	17.727	30.992	407697.4	0.971
33	250.0	25.573	40.005	484688.9	0.985
34	210.9	21.08	30.005	431738.5	0.974
35	281.5	27.171	40.005	518658.5	0.989
36	351.8	34.215	50.006	608702.4	1.004
37	527.1	51.643	75.006	793422.9	1.051
38	280.2	28.492	40.004	528376.1	1.013
39	150.5	15.49	20.899	364020.6	0.98
40	246.4	23.767	30.004	470915.3	0.999
41	326.7	31.921	39.97	571773.2	1.016
42	401.4	39.825	50.005	659383.0	1.032
43	245.1	24.957	30.664	489077.0	1.008
44	185.2	19.043	21.018	406646.4	0.993
45	276.5	26.737	30.003	515301.7	1.009
46	371.4	37.004	39.977	630063.6	1.027
47	452.1	44.233	50.003	724527.0	1.043
48	275.1	27.912	30.846	525374.6	1.018
49	225.1	23.009	21.152	453001.9	1.005
50	336.8	32.725	30.004	578701.4	1.022
51	451.4	44.97	39.99	709500.9	1.042
52	550.9	55.399	49.932	803605.4	1.069
53	250.7	24.83	21.956	479668.1	1.026
54	376.6	37.165	30.279	607155.1	1.045
55	501.8	49.405	40.002	744899.0	1.067
56	301.8	29.281	20.015	523817.9	1.038
57	451.4	44.967	29.999	683538.4	1.06
58	601.9	59.159	40.046	812234.7	1.104
59	502.1	49.15	30.429	723564.6	1.098
60	351.7	34.587	20.8	574934.4	1.081
61	550.6	55.631	30.001	771082.9	1.109
62	376.8	37.133	20.002	604337.7	1.091
63	576.8	56.787	30.289	795570.4	1.121
64	401.3	39.921	21.528	628708.5	1.104
65	502.0	49.228	20.823	719455.0	1.114

S5-Dried

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	102.1	9.498	50.732	568287.3	2.352
1	150.8	15.472	75.889	671670.8	2.381
2	202.0	19.042	100	788911.3	2.414
3	251.6	24.334	124.997	878118.4	2.443
4	301.9	28.743	149.997	978293.5	2.472
5	202.3	18.872	99.993	800373.5	2.453
6	151.1	15.592	51.984	591643.4	2.432
7	225.3	22.961	74.998	728898.8	2.447
8	301.5	29.015	100.107	863094.2	2.464
9	375.3	38.622	124.991	972099.4	2.489
10	424.3	45.098	150.009	1074866.6	2.518
11	227.0	21.501	76.215	732158.9	2.485
12	127.4	11.603	41.35	552333.4	2.465
13	101.8	10.52	32.889	481637.1	2.458
14	152.3	14.004	41.877	562225.1	2.466
15	201.1	19.964	51.147	632888.2	2.474
16	301.5	29.152	76.188	789316.6	2.49
17	400.5	41.022	99.997	943026.9	2.506
18	473.3	50.345	124.997	1103613.9	2.527
19	301.5	29.058	76.245	778757.8	2.503
20	126.9	12.048	31.757	494322.1	2.474
21	101.8	10.464	23.58	425645.6	2.466
22	152.4	14.027	32.298	513149.4	2.475
23	201.1	19.971	41.758	595583.3	2.483
24	252.0	23.905	52.039	677429.2	2.491
25	374.5	38.884	75.004	864172.5	2.508
26	500.3	51.017	100.264	1050062.1	2.527
27	252.3	23.76	51.677	664845.8	2.5
28	181.2	17.973	32.126	541056.8	2.487
29	301.4	29.215	52.174	728367.5	2.503
30	450.6	46.069	75.066	949840.1	2.52
31	301.0	29.86	51.933	727948.5	2.506
32	182.3	16.928	32.665	545039.6	2.491
33	249.4	26.412	41.091	640925.2	2.499
34	212.2	19.904	33.286	577651.6	2.494
35	280.0	28.697	41.782	678337.5	2.501
36	350.4	35.495	51.832	792577.7	2.509
37	525.8	53.258	75.767	1037979.8	2.53
38	279.6	29.304	41.162	670167.7	2.507
39	151.3	15.703	23.882	471005.1	2.49
40	245.2	24.99	32.247	603781.5	2.5
41	324.5	33.816	41.782	733448.1	2.509
42	400.8	39.765	51.977	846984.1	2.517
43	244.6	25.689	31.956	605491.6	2.502
44	187.4	17.364	23.458	512453.0	2.494
45	275.3	27.952	32.541	646669.0	2.504
46	370.0	38.33	41.012	790376.3	2.513
47	451.4	44.369	52.274	919340.7	2.522
48	275.0	28.212	32.27	645173.7	2.506
49	225.2	23.063	22.875	552057.0	2.498
50	335.8	33.24	32.815	725793.0	2.509
51	450.5	46.074	41.633	894380.9	2.519
52	551.5	53.129	50.439	1032197.9	2.53
53	251.8	23.947	23.756	588910.7	2.505
54	375.8	37.953	32.43	763923.2	2.516
55	500.5	51.191	41.29	936597.5	2.526
56	300.1	30.651	22.896	642556.2	2.509
57	451.4	44.875	32.793	859845.8	2.522
58	599.5	59.433	41.608	1040962.5	2.538
59	500.3	49.387	31.517	900647.2	2.531
60	351.5	34.037	23.712	698632.7	2.52
61	551.2	55.601	32.448	951729.0	2.534
62	375.7	38.3	22.554	723083.7	2.523
63	574.8	56.665	31.889	997855.2	2.538
64	400.9	39.976	23.525	754648.7	2.527
65	501.0	50.834	22.843	867973.7	2.531

Resilient Modulus (Mr), Stage Two

S6-Saturated

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.3	10.392	50.73	410967.3	0.215
1	151.1	15.147	75.586	505363.2	0.284
2	200.9	19.73	99.999	608293.8	0.365
3	250.3	25.315	125.005	708361.7	0.431
4	300.8	30.207	150.007	816993.7	0.488
5	200.7	19.967	100.048	650395.8	0.465
6	151.7	14.755	51.044	483842.3	0.434
7	225.4	22.841	75.001	619760.3	0.456
8	300.5	30.058	100.042	750766.8	0.485
9	376.3	37.613	125.009	858869.8	0.542
10	451.8	44.668	149.981	971717.5	0.608
11	225.5	22.682	75.999	631928.2	0.564
12	126.9	12.178	41.7	443668.7	0.531
13	101.2	10.427	31.616	392629.1	0.52
14	151.3	14.945	42.408	460350.9	0.531
15	201.0	19.754	51.27	524472.2	0.541
16	300.8	30.272	75	676633.0	0.566
17	401.4	39.805	100.036	837163.9	0.593
18	500.9	50.318	124.995	969857.1	0.639
19	300.8	30.322	75.004	707670.4	0.609
20	126.6	12.312	32.371	423324.8	0.565
21	101.9	9.836	23.215	382990.1	0.555
22	151.0	15.208	31.853	439669.9	0.564
23	200.4	20.311	41.199	498735.6	0.574
24	250.8	24.773	51.565	569128.1	0.585
25	376.1	37.815	75.009	754867.8	0.612
26	501.9	49.488	100.007	934730.1	0.643
27	250.6	24.937	51.732	597557.1	0.606
28	181.2	17.795	32.06	483842.3	0.588
29	301.6	29.785	50.254	633767.1	0.607
30	451.6	44.807	75.799	841506.7	0.634
31	300.9	30.115	51.101	651275.5	0.614
32	180.5	18.297	31.491	491845.7	0.594
33	250.4	25.132	42.326	580779.7	0.604
34	211.0	20.795	32.226	530111.2	0.597
35	280.7	28.253	40.972	615874.9	0.606
36	351.3	34.776	51.529	709441.1	0.617
37	526.0	52.767	75.249	920057.0	0.65
38	280.7	28.313	41.084	631565.0	0.621
39	151.4	14.762	22.996	471460.9	0.598
40	245.9	24.263	32.321	568716.1	0.611
41	326.1	32.677	41.126	667345.9	0.622
42	401.2	40.238	50.866	765174.3	0.634
43	245.9	24.258	32.454	589296.1	0.616
44	185.9	18.517	22.558	512950.1	0.605
45	276.0	27.55	31.392	616554.8	0.616
46	371.4	36.826	41.932	729327.6	0.629
47	451.2	45.197	50.774	834795.0	0.641
48	276.3	27.409	31.265	633894.2	0.621
49	225.7	22.438	23.361	566281.4	0.613
50	335.9	33.801	31.943	690858.9	0.625
51	451.9	44.599	40.634	820677.0	0.638
52	551.2	54.981	51.66	925447.5	0.658
53	250.9	24.907	22.805	592157.6	0.625
54	377.1	37.044	31.357	723689.7	0.639
55	501.2	50.087	42.11	867541.8	0.655
56	300.8	30.128	22.874	642419.7	0.634
57	451.9	44.622	31.417	805417.1	0.648
58	600.9	60.241	41.873	933763.0	0.678
59	501.1	50.255	32.179	844010.6	0.672
60	351.6	34.916	22.286	693172.1	0.659
61	551.1	55.136	32.141	886858.4	0.679
62	376.1	37.714	23.013	719480.8	0.666
63	576.6	57.23	31.524	912716.5	0.686
64	401.4	40.065	22.681	744938.2	0.674
65	501.1	50.212	23.048	835469.2	0.681

S6-Dried

Sequence	Deviator stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.1	10.384	51.048	668417.4	2.672
1	150.8	15.349	75.415	809126.3	2.706
2	201.2	19.605	100.003	966549.7	2.743
3	251.0	24.479	124.985	1123211.6	2.772
4	300.4	30.178	149.994	1259644.4	2.8
5	200.5	20.308	99.998	953103.5	2.782
6	151.6	14.745	50.685	722944.4	2.76
7	226.2	21.924	75.002	954803.2	2.775
8	300.5	30.011	100.004	1198181.1	2.791
9	376.7	36.911	125.003	1445290.1	2.816
10	451.9	44.889	150.003	1640881.3	2.843
11	225.5	22.763	75.397	930569.6	2.809
12	126.0	12.848	42.047	625677.9	2.788
13	102.2	9.746	32.026	543735.8	2.781
14	151.8	14.373	40.712	665777.8	2.788
15	200.7	20.297	51.848	806649.4	2.796
16	301.2	29.443	75.244	1124999.8	2.814
17	401.3	40.059	100.003	1465746.7	2.83
18	501.6	49.959	124.936	1743825.1	2.849
19	300.9	29.663	75.715	1103091.4	2.823
20	126.8	12.299	32.119	581151.8	2.792
21	102.1	9.363	22.263	498930.1	2.784
22	151.0	15.274	32.411	636615.5	2.794
23	201.0	19.905	41.877	788113.6	2.803
24	251.2	24.426	50.735	951280.6	2.811
25	376.1	37.93	75.003	1339043.2	2.829
26	501.9	49.417	100.01	1696210.8	2.846
27	250.9	24.753	51.179	950874.6	2.817
28	181.4	17.616	31.64	732968.9	2.803
29	301.2	29.39	50.5	1080293.6	2.82
30	451.9	44.55	75.46	1522278.3	2.838
31	301.1	29.478	50.866	1081581.1	2.822
32	181.4	17.522	31.383	727879.3	2.805
33	250.3	25.332	41.867	934016.4	2.815
34	210.4	21.358	32.336	812503.6	2.808
35	281.1	27.392	41.099	1007823.2	2.816
36	351.0	35.38	50.004	1203888.4	2.824
37	527.1	51.791	75.615	1687982.3	2.844
38	281.1	27.636	41.531	1007810.6	2.82
39	151.6	14.765	22.259	642689.4	2.802
40	246.2	24.058	31.718	887081.3	2.813
41	325.9	32.322	41.833	1109866.6	2.822
42	401.8	39.54	50.67	1322027.0	2.83
43	246.2	23.901	31.255	888490.4	2.814
44	185.8	18.658	23.251	725710.4	2.806
45	276.0	27.212	32.156	961583.2	2.816
46	371.6	36.675	40.933	1216269.8	2.825
47	435.7	49.133	50.004	1478850.1	2.832
48	275.5	27.706	32.549	966747.1	2.817
49	225.7	22.521	22.646	809535.4	2.809
50	336.2	33.434	31.234	1093242.2	2.819
51	452.0	44.444	41.613	1412085.4	2.829
52	552.1	54.332	51.03	1659388.7	2.841
53	251.2	24.475	22.358	864531.6	2.814
54	376.8	37.265	30.91	1174749.9	2.825
55	501.8	49.603	41.942	1516046.5	2.836
56	301.3	29.57	22.661	973027.9	2.818
57	451.3	45.398	31.184	1346884.7	2.829
58	602.0	59.483	41.135	1702071.3	2.843
59	502.1	49.415	32.162	1461608.0	2.837
60	351.7	34.462	22.31	1085609.2	2.825
61	550.9	55.728	30.789	1565521.7	2.839
62	375.7	37.78	23.277	1145120.0	2.828
63	576.1	57.748	31.776	1631829.8	2.842
64	402.1	39.514	22.015	1203283.4	2.83
65	501.9	49.655	22.358	1431577.0	2.835

APPENDIX H: RLT Stage Three

Resilient Modulus (Mr), Stage Three

S2N2 (7 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.9	10.2	103.0	338110.3	0.371
1	19.1	2.1	21.0	136040.8	0.373
2	40.1	4.1	21.0	125085.4	0.382
3	59.2	6.2	21.0	134593.4	0.385
4	33.3	3.4	34.0	136797.9	0.396
5	66.0	6.9	34.0	155943.6	0.431
6	99.2	10.3	34.0	177474.5	0.453
7	66.4	6.9	69.0	220187.2	0.464
8	134.3	13.8	69.0	251228.9	0.501
9	201.2	20.7	69.0	266248.6	0.656
10	67.8	6.9	103.0	264393.5	0.657
11	101.5	9.6	103.0	272099.5	0.662
12	203.0	20.7	103.0	321888.7	0.703
13	101.4	10.3	138.0	329615.7	0.709
14	136.2	13.8	138.0	349814.1	0.715
15	269.4	27.6	138.0	390254.1	0.788

S2N2 (14 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.2	10.4	103.0	393413.7	0.102
1	20.7	2.0	21.0	201124.1	0.103
2	38.1	4.1	21.0	168725.3	0.107
3	58.8	6.2	21.0	175853.7	0.112
4	31.2	3.4	34.0	197827	0.118
5	66.3	7.0	34.0	211428.1	0.126
6	98.9	10.4	34.0	230768.5	0.140
7	67.0	6.8	69.0	272237.4	0.155
8	134.2	13.9	69.0	327138.2	0.162
9	200.8	20.8	69.0	347344	0.183
10	65.8	6.9	103.0	302831.4	0.184
11	99.9	10.3	103.0	333564.6	0.188
12	198.9	20.7	103.0	399858.2	0.204
13	99.3	10.3	138.0	368377.7	0.208
14	132.9	13.8	138.0	399097.1	0.211
15	255.6	27.7	138.0	476705.4	0.238

S2N2 (21 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.7	10.3	103.0	351666	0.185
1	20.3	2.1	21.0	179884	0.186
2	38.1	4.1	21.0	221024.4	0.190
3	58.6	6.2	21.0	204344.2	0.194
4	30.7	3.4	34.0	258537.6	0.200
5	65.3	6.9	34.0	228681.5	0.209
6	97.4	10.3	34.0	235426.5	0.223
7	64.5	6.9	68.9	290711.3	0.239
8	130.9	13.8	69.0	326729.7	0.245
9	197.4	20.7	69.0	340293.6	0.274
10	65.8	6.9	103.0	355748	0.275
11	100.4	10.3	103.0	339101.2	0.279
12	203.0	20.7	103.0	396180	0.301
13	100.6	10.3	138.0	390214.5	0.304
14	136.1	13.8	138.0	402761.2	0.308
15	265.2	27.6	138.0	464374.4	0.345

S2N2 (28 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.0	10.3	103.0	418944.9	0.114
1	19.9	2.0	21.0	260902.2	0.116
2	39.4	3.8	21.0	194872	0.121
3	60.1	6.2	21.0	193902.3	0.124
4	31.7	3.4	34.0	236310.9	0.130
5	66.3	6.9	34.0	229505.5	0.141
6	100.4	10.3	34.0	238474.6	0.152
7	65.2	6.9	69.0	320494.2	0.165
8	134.1	13.8	69.0	338821.7	0.170
9	198.2	20.7	69.0	346253.2	0.209
10	64.4	6.9	103.0	419539.6	0.209
11	97.8	10.3	103.0	402801.4	0.212
12	194.4	20.7	103.0	423724.1	0.229
13	97.0	10.3	138.0	452350.3	0.230
14	130.1	13.8	138.0	456024.6	0.233
15	242.7	27.5	138.0	497875.9	0.259

Resilient Modulus (Mr), Stage Three

S2N3 (7 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.4	10.3	103.0	354333.3	0.455
1	17.2	2.1	21.0	179919.5	0.455
2	37.3	4.1	21.0	160316.5	0.460
3	58.1	6.2	21.0	166898.4	0.460
4	30.0	3.4	34.0	159418	0.469
5	64.4	6.9	34.0	183336	0.489
6	97.6	10.3	34.0	202017	0.512
7	63.6	6.9	69.0	251482	0.534
8	130.5	13.8	69.0	294650.2	0.551
9	194.9	20.6	69.0	287168.5	0.727
10	65.4	6.9	103.0	282261.4	0.732
11	101.0	10.3	102.9	308457	0.739
12	201.9	20.7	102.9	358793	0.789
13	100.9	10.3	138.0	347718.9	0.794
14	135.7	13.8	138.0	376296	0.800
15	262.4	27.6	138.0	419189	0.888

S2N3 (14 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.3	10.3	103.0	401177	0.040
1	15.6	2.1	21.0	226250.6	0.041
2	38.9	4.1	21.0	205142.6	0.046
3	61.4	6.2	21.0	211488.6	0.052
4	32.0	3.4	34.0	213497	0.060
5	68.0	6.9	34.0	246732.6	0.068
6	100.4	10.3	34.0	267355.1	0.088
7	68.0	6.9	69.0	310191.9	0.106
8	134.4	13.8	69.0	365946.4	0.112
9	199.1	20.7	69.0	381633.4	0.137
10	67.6	6.9	103.0	332273.2	0.139
11	100.5	10.3	103.0	378883.4	0.145
12	196.8	20.7	103.0	439633.3	0.162
13	99.9	10.3	138.0	396760.3	0.167
14	132.7	13.8	138.0	446663.9	0.172
15	248.7	27.5	138.0	500057.9	0.203

S2N3 (21 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.7	10.4	103.0	434372.3	0.392
1	17.3	2.0	21.0	196297.8	0.402
2	37.5	3.9	21.0	222522.8	0.403
3	59.5	6.1	21.0	244942.2	0.403
4	31.7	3.3	34.0	243137.4	0.410
5	67.7	7.0	34.0	288074.3	0.410
6	103.3	10.3	34.0	318761.7	0.411
7	67.0	7.0	69.0	342749.8	0.420
8	138.1	13.8	69.0	404236.7	0.424
9	205.0	20.6	69.0	432161.5	0.426
10	65.7	6.9	103.0	363546.4	0.429
11	100.5	10.3	103.0	399954.5	0.433
12	202.1	20.7	103.0	487539.1	0.435
13	99.4	10.3	138.0	431555.1	0.437
14	134.6	13.8	138.0	466364.9	0.439
15	258.9	27.5	138.0	565474.7	0.441

S2N3 (28 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.2	9.8	103.0	487041.8	0.174
1	18.9	1.6	21.0	317704	0.175
2	38.9	4.4	21.0	251972.3	0.177
3	60.4	6.4	21.0	251184.7	0.180
4	31.1	3.8	34.0	340075.8	0.184
5	68.0	6.9	34.0	285798.1	0.190
6	102.4	10.2	34.0	310599.7	0.203
7	66.3	7.4	69.0	406616.6	0.223
8	138.0	13.4	69.0	439409.6	0.226
9	205.9	20.7	69.0	434273.5	0.284
10	67.7	5.8	103.0	368765.1	0.287
11	99.2	10.3	103.0	468444.7	0.290
12	203.6	20.7	103.0	497405	0.313
13	98.4	10.7	138.0	467678	0.318
14	135.2	14.3	138.0	519710.5	0.324
15	261.8	27.6	138.0	560698.2	0.386

Resilient Modulus (Mr), Stage Three

S2N4 (7 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.9	10.4	103.0	382833.6	0.235
1	22.2	1.4	21.0	221940.4	0.237
2	37.9	4.1	21.0	216013.6	0.239
3	58.9	6.2	21.0	225441.2	0.240
4	32.0	3.4	34.0	262731.1	0.243
5	66.1	6.9	34.0	263036.5	0.246
6	99.3	10.3	34.0	277826.7	0.252
7	65.9	6.9	69.0	335399.1	0.259
8	133.7	13.8	69.0	355261.8	0.263
9	199.4	20.7	69.0	372213.8	0.288
10	65.1	6.9	103.0	384393	0.289
11	98.3	10.3	103.0	379100.2	0.290
12	196.8	20.7	103.0	423013.7	0.299
13	98.0	10.3	138.0	413204.1	0.301
14	131.0	13.8	138.0	433941.3	0.303
15	249.0	27.6	138.0	480387.3	0.325

S2N4 (14 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.2	10.2	103.0	463054.9	0.082
1	18.4	2.1	21.0	208035.3	0.102
2	38.5	4.1	21.0	251803.1	0.105
3	59.5	6.2	21.0	235144.3	0.110
4	31.2	3.4	34.0	313699.8	0.112
5	65.9	6.9	34.0	270327.2	0.117
6	98.2	10.2	34.0	289613.4	0.130
7	65.3	6.9	69.0	360047.1	0.137
8	134.6	13.7	69.0	415712.7	0.151
9	202.6	20.6	69.0	448654.4	0.155
10	66.3	6.9	103.0	409567.5	0.174
11	101.4	10.2	103.0	402631.1	0.178
12	203.4	20.6	103.0	510246.6	0.183
13	101.5	10.4	138.0	478338.3	0.192
14	134.2	13.7	138.0	505303.7	0.209
15	266.2	27.5	138.0	624992.8	0.246

S2N4 (21 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.0	10.3	103.0	493775.7	0.018
1	19.5	2.0	21.0	268135.7	0.030
2	37.5	4.0	21.0	247279.3	0.032
3	59.0	6.2	21.0	236744.9	0.033
4	31.3	3.4	34.0	271098.7	0.039
5	66.6	6.9	34.0	276583.9	0.042
6	99.7	10.3	34.0	278983.3	0.042
7	66.0	6.9	69.0	376609.1	0.046
8	133.9	13.8	69.0	394850.8	0.051
9	198.6	20.7	69.0	401314.3	0.060
10	65.3	6.9	103.0	437767.8	0.069
11	99.0	10.3	103.0	473621.6	0.074
12	196.4	20.7	103.0	487546.4	0.079
13	98.2	10.3	138.0	520853.1	0.080
14	131.8	13.8	138.0	557259.1	0.084
15	249.5	27.5	138.0	585852.1	0.087

S2N4 (28 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	102.1	10.2	103.0	509282.7	0.037
1	19.5	2.1	21.0	273708.9	0.108
2	39.1	4.1	21.0	297908.9	0.109
3	60.1	6.1	21.0	310852.1	0.111
4	30.7	3.4	34.0	369793.1	0.114
5	66.7	6.8	34.0	351395	0.117
6	100.2	10.3	34.0	373429.6	0.121
7	65.5	6.9	69.0	400352.3	0.132
8	134.2	13.8	69.0	497633.8	0.140
9	199.0	20.6	69.0	527366	0.145
10	65.0	6.5	103.0	473810.1	0.159
11	98.0	10.8	103.0	530595.1	0.164
12	195.4	20.6	103.0	568550.3	0.175
13	99.2	9.6	138.0	553838.5	0.177
14	133.8	13.8	137.9	569685.9	0.180
15	265.8	27.5	137.9	636359.8	0.204

Resilient Modulus (Mr), Stage Three

S3N2 (7 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.5	10.3	103.0	499106.8	0.172
1	20.5	1.8	21.0	233573.9	0.175
2	38.8	4.1	21.0	244847.5	0.179
3	59.1	6.2	21.0	256840.7	0.185
4	31.8	3.4	34.0	271854.6	0.191
5	65.6	6.9	34.0	301342.7	0.202
6	99.1	10.3	34.0	329505.2	0.216
7	65.5	6.9	69.0	380561.1	0.233
8	132.7	13.8	69.0	410919	0.248
9	196.2	20.7	69.0	406406.1	0.362
10	64.4	6.9	102.9	419766.6	0.366
11	97.7	10.3	103.0	443720.4	0.371
12	199.1	20.7	103.0	492375.8	0.401
13	99.2	10.3	138.0	507546.2	0.407
14	135.3	13.8	138.0	536138	0.412
15	268.5	27.6	138.0	567818.8	0.492

S3N2 (14 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.2	10.3	103.0	492117.3	0.294
1	20.7	2.1	21.0	266011.5	0.403
2	37.5	4.1	21.0	238933.7	0.409
3	58.2	6.2	21.0	248145.6	0.412
4	30.3	3.4	34.0	305013.6	0.412
5	64.7	6.9	34.0	305396.9	0.418
6	98.3	10.4	34.0	330301.7	0.423
7	65.0	6.9	69.0	419966.3	0.432
8	131.8	13.8	69.0	472657.2	0.441
9	194.4	20.7	69.0	488242.5	0.442
10	52.1	5.1	103.0	461219.7	0.470
11	97.3	10.3	103.0	485900.4	0.475
12	193.0	20.7	103.0	559733.3	0.491
13	98.2	10.3	138.0	543709.7	0.492
14	133.2	13.8	138.0	568134	0.497
15	262.4	27.6	138.0	622025.4	0.526

S3N2 (21 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.5	9.8	103.0	530215.7	0.210
1	17.2	1.9	21.0	268770.5	0.211
2	37.9	3.6	21.0	278340.1	0.212
3	58.4	5.8	21.0	301475.3	0.213
4	30.7	3.4	34.0	286146.8	0.219
5	64.7	6.4	34.0	351288.6	0.243
6	97.8	10.1	34.0	419353.5	0.253
7	67.3	6.5	69.0	420386.4	0.262
8	133.7	13.8	69.0	582274.7	0.275
9	203.7	20.7	69.0	586206	0.310
10	67.9	7.0	103.0	372222.1	0.310
11	100.3	10.1	103.0	465051.5	0.312
12	202.5	20.7	103.0	635582.6	0.333
13	98.9	10.4	138.0	457669.7	0.335
14	133.6	13.8	138.0	545408.6	0.338
15	261.3	27.6	138.0	697198.2	0.379

S3N2 (28 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.8	10.3	103.0	574901.4	0.090
1	15.1	2.1	21.0	266684.3	0.093
2	36.9	4.1	21.0	316001.5	0.096
3	56.8	6.2	21.0	317845.1	0.100
4	27.1	3.4	34.0	346618.3	0.104
5	63.3	6.9	34.0	338035.7	0.109
6	95.9	10.3	34.0	372918.8	0.120
7	62.2	6.9	69.0	460820.3	0.130
8	129.3	13.9	69.0	505467.4	0.130
9	197.9	20.7	69.0	530638.6	0.152
10	63.3	6.9	103.0	521448.3	0.152
11	98.7	10.3	103.0	549448.8	0.157
12	202.6	20.7	103.0	601064.2	0.170
13	98.7	10.4	138.0	636344.1	0.172
14	134.2	13.8	138.0	617164.8	0.175
15	267.3	27.6	138.0	678524.2	0.200

Resilient Modulus (Mr), Stage Three

S3N3 (7 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.6	10.3	103.0	586280.7	0.110
1	19.6	2.1	21.0	298821.8	0.133
2	36.7	4.1	21.0	273432.2	0.141
3	58.3	6.2	21.0	303586.7	0.142
4	29.9	3.4	34.0	416809.7	0.149
5	64.9	6.9	34.0	359359.2	0.154
6	98.2	10.3	34.0	400058.8	0.161
7	64.8	6.9	69.0	499803.9	0.166
8	131.5	13.8	69.0	526026.6	0.176
9	192.5	20.7	69.0	541789.3	0.181
10	48.1	4.9	103.0	516427.9	0.195
11	98.0	10.3	103.0	538858	0.197
12	199.7	20.7	103.0	603742.6	0.216
13	89.8	8.7	138.0	596359	0.220
14	134.9	13.8	138.0	582480.1	0.222
15	267.6	27.6	138.0	675616.3	0.249

S3N3 (14 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.4	10.3	103.0	583903.6	0.037
1	20.1	2.1	21.0	399634.2	0.220
2	38.9	4.1	21.0	276692.8	0.223
3	60.1	6.2	21.0	261263.6	0.227
4	31.1	3.4	34.0	439660.4	0.229
5	66.4	6.9	34.0	317011.7	0.235
6	99.9	10.3	34.0	414547.5	0.268
7	65.6	6.9	69.0	506248.4	0.270
8	133.5	13.8	69.0	558519.2	0.302
9	196.5	20.7	69.0	557150	0.306
10	60.2	5.0	103.0	543558	0.326
11	97.9	10.3	103.0	560323.9	0.336
12	196.7	20.7	103.0	633959.4	0.360
13	96.8	10.3	138.0	670354.1	0.365
14	132.4	13.8	138.0	636853.9	0.380
15	259.3	27.6	138.0	727817.9	0.411

S3N3 (21 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.2	10.2	103.0	615307.2	0.171
1	18.1	2.0	21.0	297932.6	0.174
2	37.8	4.0	21.0	322114.2	0.177
3	58.6	6.2	21.0	343742.4	0.181
4	31.7	3.3	34.0	346626.3	0.185
5	66.4	6.9	34.0	397950.7	0.193
6	100.9	10.3	34.0	444437	0.205
7	66.3	6.9	69.0	506159.9	0.214
8	135.7	13.8	69.0	579026.6	0.227
9	202.1	20.7	69.0	574719.7	0.309
10	65.2	6.9	103.0	524966.4	0.313
11	99.0	10.4	103.0	574178.2	0.316
12	199.4	20.7	103.0	652008.2	0.336
13	98.1	10.3	138.0	620619.1	0.341
14	132.1	13.8	138.0	670037	0.344
15	252.0	27.5	138.0	715752.2	0.390

S3N3 (28 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.0	10.3	103.0	585677.2	0.082
1	19.9	2.1	21.0	370577.7	0.084
2	38.3	4.1	21.0	416177.6	0.087
3	59.4	6.2	21.0	391874.4	0.090
4	31.0	3.4	34.0	460166	0.093
5	67.4	6.5	34.0	447278.6	0.099
6	99.3	10.0	34.0	451892.5	0.107
7	66.4	6.4	69.0	507494.2	0.115
8	132.6	13.8	69.0	592977.1	0.119
9	200.2	20.7	69.0	609306.5	0.134
10	66.2	6.9	103.0	579713.2	0.134
11	101.4	10.3	103.0	549375.1	0.137
12	206.8	20.7	103.0	664123.6	0.148
13	101.3	10.3	138.0	563799.9	0.150
14	137.4	13.8	138.0	612477.2	0.153
15	267.6	27.6	138.0	751925.5	0.176

Resilient Modulus (Mr), Stage Three

S3N4 (7 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.8	10.3	103.0	632484	0.010
1	19.2	2.0	21.0	321194.8	0.023
2	36.1	4.2	21.0	299090.2	0.237
3	57.6	6.2	21.0	346739.4	0.254
4	28.7	3.4	34.0	399945	0.259
5	64.2	6.9	34.0	418032.5	0.259
6	99.1	10.4	34.0	480112.9	0.266
7	64.3	6.9	69.0	491969.1	0.274
8	133.1	13.9	69.0	599070.8	0.278
9	197.9	20.8	69.0	638960.1	0.291
10	55.8	4.3	103.0	548112.2	0.292
11	97.6	10.3	103.0	537696.4	0.312
12	197.6	20.7	103.0	682416	0.312
13	93.4	8.0	138.0	666237.6	0.331
14	134.6	13.8	138.0	629641.5	0.336
15	270.1	27.6	138.0	753141.5	0.361

S3N4 (14 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	101.9	10.2	103.0	677132.1	0.012
1	24.3	1.4	21.0	300479	0.024
2	42.5	4.5	21.0	348026.7	0.025
3	60.6	6.2	21.0	383644.2	0.028
4	30.2	3.4	34.0	388497.1	0.066
5	66.7	6.9	34.0	451910.5	0.074
6	101.0	10.3	34.0	481679.5	0.103
7	66.5	7.4	69.0	556352.8	0.122
8	136.2	13.8	69.0	624155.7	0.133
9	201.0	20.6	69.0	658154.3	0.196
10	64.8	6.9	103.0	621520	0.205
11	98.5	10.3	103.0	666367.3	0.227
12	198.1	20.7	103.0	732485.2	0.252
13	98.3	10.3	138.0	713330	0.287
14	134.4	13.7	138.0	738393.7	0.305
15	268.0	27.5	138.0	815216.7	0.329

S3N4 (21 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.5	10.4	103.0	745900.6	0.008
1	17.1	2.0	21.0	338605.1	0.014
2	37.7	4.1	21.0	328026.3	0.023
3	59.7	6.2	21.0	350663	0.026
4	31.1	3.4	34.0	360831.7	0.032
5	67.6	6.9	34.0	417140	0.034
6	102.7	10.3	34.0	467236.1	0.034
7	67.0	6.9	69.0	536143.4	0.037
8	137.6	13.8	69.0	652384.4	0.038
9	204.8	20.7	69.0	693970.9	0.042
10	65.8	6.9	103.0	590228.8	0.050
11	100.0	10.3	103.0	658861.6	0.051
12	202.2	20.6	103.0	806700.7	0.065
13	99.2	10.3	138.0	726791.6	0.075
14	134.3	13.8	138.0	802613.9	0.075
15	259.0	27.5	138.0	964728.8	0.309

S3N4 (28 DAYS), Saturated

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.1	10.2	103.0	726607.2	0.037
1	15.8	2.1	21.0	409679	0.108
2	35.7	4.1	21.0	447747.1	0.109
3	56.3	6.1	21.0	489862.3	0.111
4	28.1	3.4	34.0	490707.6	0.114
5	64.3	6.8	34.0	558576.5	0.117
6	99.2	10.3	34.0	533547.9	0.121
7	65.4	6.8	69.0	632209.4	0.132
8	136.1	13.8	69.0	715271.9	0.140
9	203.5	20.7	69.0	688216.7	0.145
10	60.6	6.3	103.0	705054.9	0.159
11	98.4	10.3	103.0	731286.3	0.164
12	203.4	20.6	103.0	770990.1	0.175
13	97.6	10.3	138.0	782930.2	0.177
14	133.5	13.8	138.0	845718.2	0.180
15	263.0	27.6	138.0	895204.8	0.204

APPENDIX I: RLT Stage Four, Seri One

Resilient Modulus (Mr), Stage Four

S6 - Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.3	10.3	103.0	584353.1	0.212
1	16.6	2.1	21.0	274681.3	0.242
2	37.3	4.1	21.0	268644.4	0.246
3	58.2	6.2	21.0	246661	0.251
4	29.2	3.4	34.0	328877.3	0.263
5	64.5	6.9	34.0	310836.4	0.266
6	97.0	10.3	34.0	319855.6	0.270
7	64.8	6.9	69.0	491343.6	0.290
8	133.2	13.7	69.0	485844.1	0.295
9	202.2	20.7	69.0	490032.4	0.305
10	66.2	6.9	103.0	420720.7	0.315
11	100.2	10.2	102.9	578075.6	0.318
12	204.1	20.7	103.0	596260.4	0.321
13	99.3	10.3	138.0	611556.8	0.324
14	134.7	13.8	138.0	633038.1	0.325
15	266.9	27.6	138.0	598392.7	0.326

S5 - Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.7	10.3	103.0	501736.7	0.243
1	16.8	2.1	21.0	248783.8	0.245
2	37.6	4.1	21.0	200118.1	0.250
3	59.0	6.2	21.0	193098.6	0.254
4	30.8	3.4	34.0	323441.5	0.260
5	66.7	6.9	34.0	249857.5	0.276
6	100.5	10.3	34.0	262907	0.286
7	66.4	6.9	69.0	409661.6	0.295
8	134.8	13.8	69.0	373188.1	0.320
9	203.0	20.7	69.0	383548	0.417
10	65.4	6.9	103.0	468207.6	0.420
11	99.0	10.3	103.0	477819.9	0.423
12	201.4	20.7	103.0	444760.8	0.447
13	98.3	10.3	138.0	547057.9	0.452
14	132.8	13.8	138.0	552719.8	0.456
15	261.5	27.6	138.0	543448.5	0.517

S4 - Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.1	10.2	103.0	380062.3	0.160
1	15.8	2.0	21.0	167616	0.163
2	37.4	4.1	21.0	162369.3	0.165
3	59.7	6.2	21.0	150241.9	0.169
4	29.5	3.4	34.0	255465.8	0.174
5	67.1	6.9	34.0	190479.2	0.181
6	100.4	10.3	34.0	204246.5	0.193
7	66.2	6.9	69.0	304467.9	0.203
8	135.0	13.8	69.0	308827.1	0.212
9	201.9	20.6	69.0	313732.1	0.275
10	64.6	6.9	103.0	315103.3	0.275
11	98.5	10.3	103.0	335720.5	0.280
12	199.1	20.7	103.0	368696	0.296
13	97.5	10.3	138.0	396994.7	0.300
14	131.5	13.8	138.0	388690.1	0.303
15	253.8	27.6	138.0	425273.8	0.346

S3 - Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.6	10.3	103.0	321973	0.108
1	18.0	2.1	21.0	162009.9	0.112
2	39.4	4.1	21.0	144929	0.115
3	59.8	6.2	21.0	156496.3	0.119
4	32.0	3.4	34.0	170599	0.123
5	66.2	6.9	34.0	186617.7	0.128
6	99.5	10.3	34.0	206460.1	0.139
7	66.0	6.9	69.0	248751.8	0.149
8	133.6	13.8	69.0	298057	0.149
9	200.1	20.7	69.0	307115	0.176
10	65.4	6.9	103.0	261287.4	0.179
11	98.1	10.3	103.0	290156.6	0.182
12	198.1	20.7	103.0	358978.3	0.194
13	97.9	10.3	138.0	314659.8	0.199
14	133.4	13.8	138.0	350667.8	0.201
15	267.6	27.6	138.0	415185.3	0.230

Resilient Modulus (Mr), Stage Four

S2 - Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.9	10.3	103.0	207704.8	0.218
1	17.9	2.1	21.0	94689.86	0.219
2	39.0	4.1	21.0	106610.6	0.226
3	60.7	6.3	21.0	107626.3	0.231
4	31.6	3.4	34.0	129460.1	0.236
5	67.4	6.9	34.0	139403.4	0.251
6	100.2	10.3	34.0	149320	0.262
7	66.3	6.9	69.0	153412.3	0.262
8	134.1	13.9	69.0	184348.5	0.282
9	201.7	20.8	69.0	239523.4	0.345
10	65.8	6.9	103.0	178025.5	0.349
11	98.7	10.3	103.0	230498	0.350
12	200.1	20.8	103.0	251185.3	0.370
13	98.2	10.3	138.0	225446.4	0.378
14	132.0	13.9	138.0	266405.5	0.378
15	259.1	27.7	138.0	282924.1	0.429

S1 - Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.3	10.3	103.0	181492.4	0.094
1	16.1	2.0	21.0	120439.4	0.097
2	37.2	4.1	21.0	78629.55	0.099
3	57.8	6.2	21.0	80353.31	0.104
4	29.1	3.3	34.0	98297.94	0.109
5	64.6	6.9	34.0	100329.2	0.116
6	98.7	10.3	34.0	112780.5	0.130
7	65.8	6.9	69.0	142468.7	0.142
8	135.0	13.7	69.0	170030.7	0.169
9	204.4	20.6	69.0	185483.8	0.295
10	66.2	6.9	103.0	171939.9	0.298
11	100.0	10.3	103.0	178248.1	0.302
12	202.9	20.6	103.0	224393	0.328
13	99.2	10.3	138.0	211480.6	0.332
14	134.1	13.7	138.0	228917.8	0.336
15	263.3	27.5	138.0	274033.8	0.406

S6 - Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.0	10.3	103.0	549510.4	0.107
1	16.1	2.1	21.0	229406.8	0.108
2	35.4	4.1	21.0	305619.9	0.115
3	57.0	6.1	21.0	255878.6	0.118
4	28.8	3.4	34.0	315455.8	0.123
5	65.4	6.9	34.0	336506.9	0.130
6	99.9	10.3	34.0	320941.8	0.137
7	65.6	6.9	69.0	704861	0.142
8	136.0	13.8	69.0	503383.5	0.150
9	204.0	20.6	69.0	468261.4	0.178
10	65.7	6.9	103.0	588537.8	0.178
11	99.6	10.3	103.0	737658.8	0.181
12	201.8	20.6	103.0	607034.7	0.196
13	99.0	10.3	138.0	664328.3	0.200
14	133.5	13.8	138.0	917757.7	0.202
15	259.8	27.5	138.0	731299.8	0.234

S5 - Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.7	10.3	103.0	537469.8	0.011
1	17.7	2.1	21.0	324297.6	0.036
2	38.6	4.1	21.0	180826.7	0.032
3	59.0	6.2	21.0	181375.7	0.021
4	30.8	3.4	34.0	263406.2	0.018
5	65.4	6.9	34.0	236838.6	0.012
6	98.0	10.3	34.0	255301.7	0.002
7	65.2	6.9	69.0	426894	0.011
8	131.2	13.8	69.0	412845.1	0.028
9	198.8	20.7	69.0	416638.2	0.069
10	65.2	6.9	103.0	679208.4	0.071
11	99.0	10.3	103.0	531965.1	0.076
12	202.7	20.7	103.0	525263.4	0.096
13	99.6	10.3	138.0	765788.4	0.103
14	134.1	13.8	138.0	681068.7	0.106
15	268.2	27.6	138.0	655140.5	0.163

Resilient Modulus (Mr), Stage Four

S4 - Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.5	10.2	103.0	509365.8	0.093
1	15.4	2.1	21.0	273167.6	0.096
2	36.7	4.0	21.0	175111	0.099
3	57.5	6.2	21.0	191459.7	0.102
4	28.4	3.3	34.0	227653.1	0.107
5	63.8	6.9	34.0	241096.4	0.113
6	96.8	10.3	34.0	282260.6	0.123
7	63.2	6.8	69.0	340336.9	0.135
8	129.5	13.8	69.0	463725.3	0.136
9	190.9	20.7	69.0	548235.4	0.168
10	63.3	6.9	103.0	408625.3	0.169
11	97.6	10.3	103.0	446564.3	0.172
12	200.6	20.6	103.0	651395.5	0.189
13	98.9	10.3	138.0	514039.8	0.193
14	134.6	13.7	138.0	596905.7	0.196
15	266.5	27.8	138.0	798396.8	0.231

S3 - Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.8	10.3	103.0	427153.4	0.256
1	17.9	2.1	21.0	150091.1	0.259
2	38.6	4.2	21.0	166538.6	0.262
3	59.2	6.2	21.0	186048	0.268
4	31.4	3.4	34.0	188948.5	0.272
5	65.7	6.9	34.0	228596.7	0.278
6	99.0	10.3	34.0	264732.4	0.292
7	65.4	6.9	69.0	322465.4	0.302
8	132.8	13.8	69.0	384653.8	0.303
9	199.5	20.7	69.0	422800	0.332
10	64.7	6.9	103.0	373635.3	0.337
11	97.8	10.3	103.0	411696	0.339
12	197.3	20.7	103.0	496578.7	0.351
13	97.1	10.3	138.0	465916.2	0.358
14	130.8	13.8	138.0	507898.6	0.360
15	252.4	27.7	138.0	589168.9	0.384

S2 - Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.8	10.3	103.0	364308.1	0.271
1	17.1	2.1	21.0	192847.7	0.273
2	38.2	4.1	21.0	99540.58	0.277
3	59.3	6.2	21.0	100092.9	0.281
4	31.1	3.4	34.0	154144	0.287
5	66.6	6.9	34.0	136010	0.298
6	99.8	10.3	34.0	152558.6	0.310
7	66.0	6.9	69.0	261400.6	0.315
8	133.8	13.8	69.0	263865.6	0.340
9	201.0	20.7	69.0	252707.4	0.465
10	65.1	6.9	103.0	403379.1	0.469
11	98.4	10.3	103.0	316381.3	0.473
12	199.3	20.7	103.0	332408.1	0.500
13	97.9	10.3	138.0	465189.2	0.507
14	131.8	13.8	138.0	422679.3	0.510
15	257.2	27.5	138.0	419941.1	0.589

S1 - Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.6	10.5	103.0	174401.8	0.424
1	15.8	2.0	21.0	85328.8	0.426
2	36.7	4.1	21.0	75367.63	0.430
3	57.1	6.2	21.0	87830.92	0.435
4	28.8	3.3	34.0	89762.39	0.440
5	64.8	6.9	34.0	109046.9	0.449
6	98.6	10.3	34.0	132468.7	0.462
7	65.6	6.9	69.0	150817.4	0.469
8	134.7	13.7	68.9	192471.3	0.486
9	202.4	20.6	69.0	228134.8	0.560
10	65.0	6.9	103.0	221387.3	0.565
11	98.5	10.3	103.0	227146.9	0.568
12	199.9	20.6	103.0	276899.8	0.585
13	97.8	10.2	138.0	265829.5	0.591
14	132.2	13.7	138.0	289561.3	0.593
15	256.4	27.5	138.0	315004.8	0.640

Resilient Modulus (Mr), Stage Four

S6 - Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.5	10.3	103.0	1054552	0.177
1	15.3	2.1	21.0	391825.6	0.178
2	35.0	4.1	21.0	584436.7	0.180
3	56.7	6.2	21.0	406580.9	0.183
4	27.9	3.4	34.0	495684.3	0.185
5	63.1	6.9	34.0	516828.9	0.194
6	96.7	10.3	34.0	486397.5	0.202
7	62.7	6.9	69.0	688147.3	0.212
8	130.9	13.8	69.0	743007.7	0.216
9	199.0	20.7	69.0	691535.3	0.257
10	64.2	6.9	103.0	791352.6	0.257
11	99.1	10.3	103.0	949249.9	0.260
12	203.8	20.7	103.0	838726.2	0.280
13	99.4	10.3	138.0	920412.6	0.285
14	134.2	13.8	138.0	1157659	0.286
15	266.6	27.6	138.0	962289.4	0.328

S5 - Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.3	10.0	103.0	700724.4	0.069
1	17.1	2.1	21.0	305189.4	0.070
2	37.6	4.1	21.0	347125.5	0.073
3	58.0	6.2	21.0	304576.4	0.077
4	30.2	3.4	34.0	486765	0.081
5	64.8	6.9	34.0	377157.8	0.087
6	98.3	10.2	34.0	381876.6	0.100
7	65.8	6.9	69.0	575252.1	0.111
8	134.1	13.7	69.0	567878.9	0.113
9	203.5	20.5	69.0	544150.9	0.173
10	66.2	6.8	103.0	717011.3	0.179
11	99.7	10.1	103.0	628523.9	0.182
12	202.9	20.2	103.0	651442.7	0.204
13	99.3	9.9	138.0	705485.1	0.210
14	134.0	13.4	138.0	711824.2	0.212
15	267.5	27.4	138.0	702688.8	0.270

S4 - Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.0	10.3	103.0	572841.4	0.158
1	15.4	2.1	21.0	251481.6	0.159
2	35.6	4.1	21.0	280482.7	0.161
3	56.5	6.3	21.0	308821	0.164
4	28.1	3.5	34.0	301587.6	0.167
5	62.9	6.9	34.0	394197.1	0.172
6	96.7	10.4	34.0	369498.7	0.182
7	64.3	6.9	69.0	470482.4	0.193
8	133.6	13.8	69.0	535801.3	0.194
9	202.6	20.8	69.0	536212.6	0.249
10	65.4	6.9	103.0	543158.6	0.253
11	98.9	10.3	103.0	621968.6	0.255
12	202.1	20.7	103.0	618661.5	0.271
13	97.9	10.3	138.0	640481.3	0.277
14	133.8	13.8	138.0	736740.1	0.279
15	264.9	27.6	138.0	701873.3	0.328

S3 - Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.7	10.3	103.0	492158.4	0.254
1	16.2	2.1	21.0	192687.5	0.256
2	37.0	4.1	21.0	224785.8	0.260
3	57.3	6.2	21.0	239376.2	0.265
4	29.7	3.4	34.0	259621.6	0.269
5	64.4	6.9	34.0	294370	0.277
6	98.2	10.3	34.0	332242.3	0.288
7	65.5	6.9	69.0	412113.3	0.291
8	134.1	13.8	69.0	468984.2	0.303
9	203.8	20.7	69.0	497176.8	0.350
10	65.9	6.9	103.0	468741.3	0.354
11	99.2	10.3	103.0	487982.7	0.356
12	202.1	20.6	103.0	579659.6	0.373
13	98.6	10.3	138.0	561825.4	0.377
14	133.1	13.8	138.0	571144.8	0.380
15	264.8	27.6	138.0	637121.3	0.416

Resilient Modulus (Mr), Stage Four

S2 - Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.6	10.3	103.0	423963.2	0.155
1	16.5	2.1	21.0	162359.3	0.156
2	37.3	4.1	21.0	194270.8	0.158
3	58.8	6.2	21.0	190349.8	0.162
4	29.3	3.4	34.0	217584.2	0.165
5	65.3	6.9	34.0	243132	0.170
6	98.7	10.3	34.0	264633.1	0.178
7	64.8	6.9	69.0	406046.9	0.187
8	133.2	13.8	69.0	400160.7	0.194
9	200.4	20.7	69.0	390050	0.253
10	64.2	6.9	103.0	402581.4	0.256
11	97.4	10.3	103.0	439891.7	0.260
12	198.0	20.7	103.0	476068.2	0.274
13	96.7	10.3	138.0	485624.8	0.279
14	130.8	13.8	138.0	534831.8	0.281
15	260.3	27.6	138.0	537114.7	0.322

S1 - Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.7	10.3	103.0	365231	0.426
1	16.2	2.1	21.0	131259	0.427
2	36.2	4.1	21.0	180098.6	0.428
3	57.3	6.2	21.0	146506.9	0.431
4	29.3	3.4	34.0	180235	0.432
5	63.6	7.0	34.0	205540.3	0.435
6	96.3	10.3	34.0	207936.8	0.441
7	63.1	6.9	69.0	248315.4	0.446
8	131.3	13.8	69.0	335202.7	0.455
9	200.4	20.7	69.0	313113	0.519
10	64.9	6.9	103.0	338592	0.522
11	98.9	10.3	103.0	439818.1	0.523
12	203.4	20.7	103.0	394218.5	0.534
13	98.6	10.3	138.0	435259	0.538
14	134.0	13.8	138.0	513315	0.539
15	266.7	27.6	138.0	471451.9	0.579

APPENDIX J: RLT Stage Four, Seri Two

Resilient Modulus (Mr), Stage Four

S2N2-1, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.6	10.3	103.0	479100.9	0.284
1	16.8	2.1	21.0	254108.1	0.284
2	36.7	4.1	21.0	240679.8	0.285
3	57.5	6.2	21.0	241920.5	0.290
4	30.4	3.4	34.0	271184.2	0.293
5	65.3	6.9	34.0	278936.1	0.299
6	99.2	10.3	34.0	293741.7	0.315
7	66.0	6.9	69.0	372901	0.332
8	134.2	13.8	69.0	395526.1	0.335
9	202.1	20.7	69.0	388525.5	0.385
10	65.4	6.9	103.0	412566.2	0.393
11	98.7	10.3	103.0	425900	0.396
12	200.9	20.7	103.0	453085.5	0.420
13	98.3	10.3	138.0	477861.3	0.429
14	132.7	13.8	138.0	510463.4	0.433
15	264.6	27.6	138.0	515630	0.495

S2N2-2, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.6	10.3	103.0	498568.5	0.206
1	16.6	2.1	21.0	226934	0.207
2	36.8	4.1	21.0	256834.3	0.208
3	57.6	6.2	21.0	254144.9	0.212
4	29.4	3.4	34.0	247183.9	0.214
5	65.3	6.9	34.0	310056.8	0.220
6	99.2	10.3	34.0	305013.3	0.230
7	66.0	6.9	69.0	403841.2	0.245
8	135.5	13.8	69.0	458186.4	0.249
9	203.5	20.7	69.0	486603.1	0.335
10	66.0	6.9	103.0	429321	0.339
11	99.3	10.3	103.0	440521.6	0.340
12	202.2	20.7	103.0	520331.6	0.360
13	98.5	10.3	138.0	472866.1	0.367
14	133.4	13.8	138.0	566641.1	0.368
15	263.4	27.6	138.0	647608.1	0.427

S2N3-1, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	96.8	10.3	103.0	536098.9	0.168
1	15.1	2.1	21.0	363444.3	0.171
2	35.6	4.1	21.0	290306.1	0.173
3	56.3	6.2	21.0	296958.5	0.176
4	28.5	3.4	34.0	333045.1	0.179
5	64.4	6.9	34.0	349961.9	0.183
6	98.6	10.3	34.0	375139.5	0.194
7	65.5	6.9	69.0	446076.5	0.203
8	134.6	13.8	68.9	483073.9	0.204
9	202.5	20.7	69.0	482379.7	0.246
10	65.2	6.9	103.0	438175.6	0.250
11	98.5	10.3	103.0	475083.3	0.252
12	200.6	20.7	103.0	544955.3	0.267
13	97.8	10.3	138.0	515519	0.273
14	132.4	13.8	138.0	568144.9	0.275
15	260.3	27.6	138.0	603002.3	0.314

S2N3-2, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.1	10.3	103.0	608862.8	0.138
1	16.4	2.1	21.0	303750.4	0.139
2	37.1	4.1	21.0	348434.7	0.142
3	58.1	6.2	21.0	309441.6	0.146
4	28.9	3.4	34.0	569431.6	0.149
5	64.6	6.9	34.0	374147.3	0.155
6	97.5	10.3	34.0	368836	0.165
7	64.1	6.9	69.0	549340.3	0.173
8	131.3	13.8	69.0	496035.6	0.174
9	196.4	20.7	69.0	461600.5	0.199
10	63.1	6.9	103.0	503546.6	0.202
11	96.4	10.3	103.0	547059.2	0.204
12	199.0	20.7	103.0	526511.8	0.214
13	98.1	10.3	138.0	627985.2	0.219
14	134.2	13.8	138.0	575002.4	0.221
15	270.4	27.6	138.0	546481.6	0.243

Resilient Modulus (Mr), Stage Four

S2N4-1, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.5	10.3	103.0	671365.2	0.173
1	17.9	2.1	21.0	257577.3	0.174
2	38.3	4.1	21.0	292334.8	0.176
3	59.4	6.2	21.0	299879.4	0.178
4	31.1	3.4	34.0	371276.4	0.184
5	65.8	6.9	34.0	356256.2	0.192
6	99.3	10.3	34.0	407980	0.203
7	65.5	6.9	69.0	516597	0.211
8	133.4	13.8	69.0	549099.3	0.217
9	200.4	20.7	69.0	593332.2	0.259
10	64.9	6.9	103.0	626463.5	0.259
11	97.6	10.3	103.0	623309.8	0.264
12	198.7	20.7	103.0	704394	0.278
13	97.2	10.3	138.0	771165.2	0.284
14	131.1	13.7	138.0	775496.6	0.286
15	260.9	27.5	138.0	845294.2	0.314

S2N4-2, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.5	10.3	103.0	511027.9	0.432
1	16.4	2.1	21.0	437612.2	0.434
2	37.2	4.1	21.0	383656.3	0.436
3	58.4	6.2	21.0	365164.7	0.441
4	29.3	3.4	34.0	426172.8	0.444
5	64.9	6.9	34.0	430251.6	0.451
6	98.3	10.3	34.0	419596.2	0.461
7	64.4	6.9	69.0	465539.8	0.473
8	132.5	13.8	69.0	639950.9	0.481
9	198.0	20.7	69.0	586996.4	0.547
10	63.7	6.9	103.0	679298.7	0.550
11	96.4	10.3	103.0	604062.1	0.552
12	195.4	20.7	103.0	714198.7	0.568
13	95.9	10.3	138.0	570660.5	0.573
14	131.9	13.8	138.0	682611.6	0.575
15	264.1	27.6	138.0	634069.1	0.622

S3N2-1, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.1	10.2	103.0	551752.4	0.045
1	15.4	2.1	21.0	299791.5	0.047
2	35.3	4.1	21.0	385763.2	0.050
3	56.8	6.2	21.0	408568.8	0.053
4	28.2	3.4	34.0	364864.8	0.058
5	63.3	6.9	34.0	442737.9	0.069
6	96.6	10.3	34.0	503498	0.079
7	62.9	6.9	69.0	480322.3	0.088
8	130.4	13.7	69.0	598347.4	0.093
9	198.3	20.6	69.0	627980.7	0.126
10	64.4	6.9	103.0	621337.7	0.129
11	98.4	10.3	103.0	650776.9	0.130
12	203.5	20.6	103.0	611377.5	0.150
13	99.1	10.3	138.0	700115.7	0.152
14	133.9	13.7	138.0	698997.9	0.155
15	266.9	27.5	138.0	818806.6	0.190

S3N2-2, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.8	10.3	103.0	632621.7	0.192
1	17.2	2.1	21.0	290206.6	0.192
2	38.3	4.1	21.0	344769.2	0.194
3	59.8	6.2	21.0	307572.6	0.199
4	30.9	3.4	34.0	318702.4	0.202
5	66.3	6.9	34.0	431714	0.207
6	99.2	10.3	34.0	425784.4	0.217
7	65.7	6.9	69.0	649869.6	0.234
8	133.2	13.8	69.0	735541.6	0.234
9	201.7	20.7	69.0	692782.5	0.297
10	65.3	6.9	103.0	502538.7	0.300
11	97.9	10.3	103.0	785953.3	0.302
12	199.0	20.7	103.0	932995.2	0.323
13	97.3	10.3	137.9	564211.9	0.327
14	131.1	13.8	137.9	708422.5	0.328
15	258.8	27.6	137.9	1139941	0.388

Resilient Modulus (Mr), Stage Four

S3N3-1, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.2	10.3	103.0	664655	0.079
1	16.0	2.1	21.0	414691.2	0.081
2	36.8	4.1	21.0	432487.7	0.083
3	57.7	6.2	21.0	481843.4	0.084
4	29.3	3.5	34.0	437660	0.087
5	63.9	6.9	34.0	522147.3	0.091
6	96.5	10.3	34.0	596285.8	0.097
7	64.3	6.9	69.0	563950	0.105
8	133.3	13.8	69.0	691212.3	0.108
9	201.9	20.7	69.0	774589	0.136
10	65.7	6.9	103.0	579358.7	0.136
11	100.0	10.3	103.0	641421	0.138
12	202.8	20.7	103.0	800599.6	0.149
13	99.4	10.3	138.0	658906.9	0.151
14	133.7	13.8	138.0	721680.4	0.153
15	265.1	27.6	138.0	896292.8	0.180

S3N3-2, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.5	10.3	103.0	821709.3	0.173
1	16.9	2.1	21.0	468635	0.174
2	38.0	4.1	21.0	527693.1	0.176
3	59.1	6.2	21.0	457416.8	0.179
4	30.0	3.4	34.0	613046.7	0.182
5	65.5	6.9	34.0	516714.2	0.186
6	98.1	10.3	34.0	535066.5	0.197
7	65.2	6.9	69.0	668839.1	0.207
8	131.9	13.8	69.0	734184.9	0.210
9	197.5	20.7	69.0	692276.7	0.261
10	64.3	6.9	103.0	772126.9	0.265
11	97.4	10.3	103.0	711984.5	0.267
12	200.5	20.7	103.0	745258.1	0.281
13	98.9	10.3	138.0	745076.6	0.287
14	134.5	13.8	138.0	784663.1	0.289
15	271.6	27.6	138.0	735751.3	0.339

S3N4-1, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	96.2	10.3	103.0	1048380	0.003
1	14.5	2.1	21.0	555963	0.004
2	33.2	4.1	21.0	544571.2	0.010
3	56.6	6.1	21.0	398925.2	0.010
4	26.8	3.4	34.0	725719.1	0.013
5	64.1	6.9	34.0	474979.4	0.014
6	100.1	10.3	34.0	499536.7	0.015
7	65.0	6.9	69.0	682090	0.018
8	136.2	13.8	69.0	732802	0.022
9	203.1	20.7	69.0	766029.4	0.022
10	63.8	6.9	103.0	908750.3	0.025
11	99.0	10.3	103.0	828543	0.025
12	201.0	20.7	103.0	936581.9	0.027
13	97.9	10.3	138.0	1010066	0.027
14	132.8	13.8	138.0	1011254	0.029
15	259.9	27.6	138.0	1206082	0.037

S3N4-2, Week 0

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.0	10.3	103.0	976978.4	0.180
1	15.7	2.1	21.0	546824.6	0.181
2	36.0	4.1	21.0	510630.3	0.183
3	57.3	6.2	21.0	502149.4	0.186
4	27.6	3.4	34.0	718787.3	0.189
5	63.6	6.9	34.0	571631	0.195
6	97.0	10.3	34.0	593946.6	0.206
7	63.0	6.9	69.0	856326.5	0.217
8	129.8	13.8	69.0	844933.7	0.220
9	191.8	20.6	69.0	791634.6	0.272
10	62.1	6.9	103.0	897726.9	0.275
11	96.2	10.3	103.0	875169.8	0.278
12	198.1	20.6	103.0	923677.7	0.297
13	97.4	10.3	138.0	1030446	0.302
14	133.5	13.8	138.0	998865.1	0.305
15	268.2	27.5	138.0	1014774	0.359

Resilient Modulus (Mr), Stage Four

S2N2-1, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.3	10.3	103.0	483830.1	0.103
1	17.1	2.1	21.0	224943.1	0.104
2	37.3	4.1	21.0	167024.7	0.106
3	58.0	6.2	21.0	147780.6	0.110
4	29.9	3.4	34.0	277769.4	0.117
5	65.1	6.9	34.0	197589.6	0.134
6	98.9	10.3	34.0	203207.8	0.143
7	65.7	6.9	69.0	371057.4	0.148
8	134.3	13.8	69.0	339072	0.162
9	202.9	20.7	69.0	334775.1	0.217
10	65.4	6.9	103.0	329331.8	0.219
11	99.2	10.3	103.0	431730.5	0.221
12	201.3	20.7	103.0	428952.8	0.241
13	98.5	10.3	138.0	514993.5	0.245
14	132.8	13.8	138.0	550911	0.249
15	263.9	27.6	138.0	528422.1	0.303

S2N2-2, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.6	10.4	103.0	393295.4	0.215
1	16.1	2.1	21.0	172295.1	0.217
2	37.3	4.1	21.0	177477.9	0.218
3	54.6	6.2	21.0	167990.9	0.222
4	29.4	3.4	34.0	212036.7	0.225
5	62.4	6.9	34.0	199112.8	0.231
6	97.2	10.4	34.0	209239.8	0.243
7	55.7	6.9	69.0	302052.1	0.254
8	131.2	14.0	69.0	300432.1	0.257
9	193.1	21.0	69.0	309901.7	0.285
10	49.1	7.2	103.0	304212.4	0.288
11	99.5	10.4	103.0	289341.4	0.299
12	202.7	21.0	103.0	350534.6	0.307
13	51.6	10.7	-4.3	104201	0.309
14	70.6	14.0	-4.2	114769	0.313
15	92.4	28.2	-4.2	148193.9	0.336

S2N3-1, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.7	10.2	103.0	388152.1	0.028
1	17.7	2.1	21.0	237899.9	0.039
2	37.9	4.1	21.0	189113.1	0.067
3	58.9	6.2	21.0	205078.5	0.070
4	30.4	3.4	34.0	328606.1	0.077
5	65.5	6.9	34.0	259931.1	0.079
6	98.8	10.2	34.0	267407.2	0.088
7	64.8	6.8	69.0	409179.4	0.100
8	132.4	13.7	69.0	359801	0.129
9	197.6	20.6	69.0	382831.6	0.207
10	64.2	6.9	103.0	445200.2	0.209
11	96.7	10.3	103.0	405888.7	0.213
12	194.3	20.6	103.0	431945.2	0.235
13	96.5	10.3	138.0	488934.6	0.238
14	129.2	13.8	138.0	456010.8	0.242
15	260.3	27.6	138.0	603002.3	0.314

S2N3-2, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	96.9	10.3	103.0	389052.3	0.019
1	16.2	2.1	21.0	286499.2	0.022
2	37.4	4.1	21.0	172390.1	0.029
3	58.9	6.2	21.0	171989.2	0.032
4	29.6	3.4	34.0	308762.9	0.038
5	65.9	6.9	34.0	214104.8	0.051
6	99.4	10.3	34.0	224079.4	0.059
7	65.3	6.9	69.0	312212.1	0.060
8	133.2	13.8	69.0	315501.9	0.073
9	200.1	20.6	69.0	331055.4	0.093
10	64.1	6.9	103.0	392481.7	0.093
11	97.5	10.3	103.0	335848.9	0.097
12	197.0	20.6	103.0	394433.4	0.108
13	96.6	10.3	138.0	404289	0.112
14	130.6	13.8	138.0	415321.7	0.115
15	250.3	27.5	138.0	474003.9	0.131

Resilient Modulus (Mr), Stage Four

S2N4-1, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.2	10.3	103.0	465099	0.082
1	18.9	2.1	21.0	178000.3	0.087
2	39.1	4.1	21.0	207944	0.103
3	59.8	6.2	21.0	195142.5	0.107
4	31.2	3.4	34.0	252626	0.112
5	66.2	6.9	34.0	260875.3	0.126
6	99.3	10.3	34.0	293093.3	0.127
7	65.7	6.9	69.0	444940.5	0.137
8	133.2	13.8	69.0	426966.9	0.157
9	199.9	20.7	69.0	440402.3	0.212
10	65.4	6.9	103.0	437589.6	0.214
11	98.2	10.3	103.0	488388	0.216
12	198.5	20.7	103.0	541533.2	0.234
13	97.7	10.3	138.0	513384.9	0.239
14	132.3	13.8	138.0	525589.2	0.241
15	265.7	27.5	138.0	643337.1	0.281

S2N4-2, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.0	10.4	103.0	492060.4	0.164
1	16.7	2.1	21.0	272154.3	0.165
2	36.4	4.1	21.0	257868.3	0.166
3	57.5	6.2	21.0	224133.4	0.169
4	29.3	3.4	34.0	322679.4	0.173
5	65.4	6.9	34.0	283655.1	0.178
6	99.3	10.3	34.0	282807.8	0.191
7	66.1	6.9	69.0	482850.2	0.202
8	133.9	13.9	69.0	435073.3	0.202
9	202.0	20.9	69.0	407010.5	0.239
10	65.0	6.9	103.0	456273.6	0.245
11	98.3	10.3	103.0	526644.2	0.248
12	199.4	20.9	103.0	511438.5	0.259
13	97.7	10.3	138.0	578580.2	0.267
14	131.8	13.8	138.0	604488.1	0.269
15	257.1	27.8	138.0	610734.5	0.299

S3N2-1, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	103.1	10.2	103.0	544916.2	0.173
1	17.0	2.1	21.0	235071.4	0.175
2	36.9	4.1	21.0	160317.4	0.180
3	59.9	6.2	21.0	148424.2	0.184
4	28.6	3.4	34.0	276649.7	0.192
5	66.1	6.9	34.0	204288.4	0.202
6	100.5	10.3	34.0	225491.6	0.217
7	64.9	6.9	69.0	429259.3	0.220
8	133.8	13.7	69.0	405285.3	0.231
9	197.3	20.6	69.0	420400.5	0.259
10	63.3	6.9	103.0	547803	0.263
11	97.2	10.3	103.0	540047.2	0.266
12	193.4	20.6	103.0	561008.6	0.277
13	96.1	10.3	138.0	515500	0.284
14	131.6	13.8	138.0	587456.6	0.286
15	258.7	27.5	138.0	724608.9	0.304

S3N2-2, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.0	10.3	103.0	561036.5	0.103
1	16.3	2.1	21.0	264787.8	0.104
2	37.3	4.1	21.0	239823.2	0.107
3	58.0	6.2	21.0	183311	0.111
4	29.2	3.4	34.0	359079.3	0.114
5	64.6	6.9	34.0	404711.2	0.122
6	97.8	10.3	34.0	361060.8	0.131
7	64.0	6.9	69.0	441432.4	0.141
8	131.6	13.8	69.0	416504.7	0.145
9	196.1	20.7	69.0	549022	0.180
10	63.3	6.9	102.9	533922.2	0.182
11	97.1	10.3	103.0	486165.3	0.183
12	200.3	20.7	103.0	623087.2	0.198
13	98.6	10.3	138.0	523455.6	0.202
14	134.4	13.8	138.0	603640.5	0.204
15	270.7	27.6	138.0	651023.6	0.238

Resilient Modulus (Mr), Stage Four

S3N3-1, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.4	10.3	103.0	547379.1	0.147
1	16.5	2.1	21.0	342140.1	0.150
2	37.0	4.1	21.0	244621.5	0.154
3	58.9	6.2	21.0	253583.3	0.160
4	30.0	3.4	34.0	421786.2	0.165
5	65.4	6.9	34.0	315710.1	0.180
6	99.0	10.3	34.0	347292.1	0.190
7	64.5	6.9	69.0	465047.2	0.193
8	132.9	13.8	69.0	482545.2	0.207
9	199.0	20.7	69.0	519513.6	0.245
10	64.3	6.9	103.0	622990.9	0.246
11	96.8	10.3	103.0	542371.4	0.247
12	195.8	20.7	103.0	593861.5	0.265
13	96.5	10.3	138.0	704509.2	0.272
14	129.6	13.8	137.9	624009.7	0.272
15	249.0	27.6	138.0	690514.8	0.306

S3N3-2, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.6	10.3	103.0	612456.4	0.108
1	18.0	2.1	21.0	408703	0.112
2	39.4	4.1	21.0	350155.6	0.115
3	59.8	6.2	21.0	365669.9	0.119
4	32.0	3.4	34.0	394207.7	0.123
5	66.2	6.9	34.0	413410	0.128
6	99.5	10.3	34.0	442461.3	0.139
7	66.0	6.9	69.0	507803.3	0.149
8	133.6	13.8	69.0	583948.4	0.149
9	200.1	20.7	69.0	582283.6	0.176
10	65.4	6.9	103.0	505429.5	0.179
11	98.1	10.3	103.0	552477.5	0.182
12	198.1	20.7	103.0	656144.9	0.194
13	97.9	10.3	138.0	576202.1	0.199
14	133.4	13.8	138.0	634133.4	0.201
15	267.6	27.6	138.0	720788.6	0.230

S3N4-1, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.3	10.3	103.0	664261.8	0.142
1	16.3	2.1	21.0	404438.4	0.146
2	35.8	4.0	21.0	331280.4	0.155
3	57.1	6.2	21.0	274446.3	0.161
4	28.9	3.4	34.0	457739.6	0.166
5	63.3	6.8	34.0	363743.2	0.183
6	96.5	10.2	34.0	356261.9	0.198
7	63.3	6.9	69.0	641532.5	0.199
8	128.6	13.8	69.0	543358	0.214
9	189.4	20.7	69.0	540870	0.257
10	63.2	6.9	103.0	701485	0.258
11	96.0	10.3	103.0	747946	0.260
12	198.6	20.7	103.0	644817.3	0.284
13	98.2	10.3	138.0	684855.8	0.292
14	133.2	13.8	138.0	812772	0.292
15	265.5	27.6	138.0	752158.7	0.336

S3N4-2, Week 1

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.4	10.3	103.0	669377.8	0.066
1	16.1	2.1	21.0	397737.3	0.069
2	37.4	4.1	21.0	283663.4	0.073
3	58.6	6.2	21.0	287379.6	0.077
4	29.8	3.4	34.0	377965.3	0.083
5	64.6	6.9	34.0	369481.5	0.090
6	97.6	10.3	34.0	397486.5	0.104
7	63.9	6.9	69.0	599478.9	0.114
8	130.1	13.8	69.0	593839.2	0.118
9	192.3	20.7	69.0	601310.4	0.152
10	62.8	6.8	102.9	782151.6	0.156
11	96.9	10.3	103.0	680864.8	0.159
12	199.3	20.7	103.0	726053.3	0.174
13	98.2	10.3	138.0	847565.8	0.180
14	134.3	13.7	138.0	814695.2	0.183
15	267.1	27.5	138.0	818551.7	0.219

Resilient Modulus (Mr), Stage Four

S2N2-1, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.2	10.3	103.0	330231.4	0.002
1	17.4	2.1	21.0	203593.9	0.038
2	39.1	4.1	21.0	152192.9	0.037
3	60.4	6.2	21.0	155335.4	0.036
4	31.8	3.4	34.0	165281.6	0.034
5	67.9	6.9	34.0	187057.6	0.030
6	101.0	10.3	34.0	207936.9	0.026
7	67.7	6.9	69.0	247565.8	0.016
8	135.2	13.8	69.0	296418.4	0.006
9	202.8	20.7	69.0	301216.1	0.026
10	67.0	6.9	103.0	257940.9	0.029
11	100.2	10.3	103.0	287887.5	0.032
12	201.8	20.7	103.0	350292.9	0.044
13	99.8	10.3	138.0	317405.3	0.049
14	133.7	13.8	138.0	353427	0.051
15	264.9	27.6	138.0	406177.1	0.082

S2N2-2, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.6	10.4	103.0	344744.6	0.301
1	16.6	2.1	21.0	136825.2	0.304
2	37.4	4.1	21.0	123640.8	0.307
3	59.0	6.0	21.0	120358.8	0.311
4	30.1	3.4	34.0	195092.7	0.318
5	66.5	6.9	34.0	157907.6	0.326
6	100.1	10.3	34.0	173977.7	0.338
7	66.4	7.0	69.0	254302.6	0.353
8	134.6	13.8	69.0	281042.1	0.360
9	203.5	20.7	69.0	291786.2	0.430
10	65.3	6.9	103.0	309026	0.433
11	98.8	10.3	103.0	371838.4	0.437
12	201.6	20.7	103.0	373110.3	0.456
13	97.8	10.3	138.0	388626.9	0.462
14	132.5	13.8	138.0	469092.1	0.466
15	261.1	27.8	138.0	480109.1	0.515

S2N3-1, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.4	10.4	103.0	359279.8	0.167
1	17.1	2.1	21.0	176936.3	0.168
2	39.1	4.2	21.0	146091	0.173
3	60.2	6.3	21.0	156307.3	0.176
4	30.4	3.4	34.0	214174.9	0.182
5	66.6	7.0	34.0	173468.5	0.190
6	99.5	10.4	34.0	192281.8	0.204
7	65.9	7.0	69.0	311439.8	0.214
8	133.8	13.8	69.0	270214.5	0.220
9	200.9	20.7	69.0	256588.4	0.278
10	64.9	7.0	103.0	264714	0.283
11	98.2	10.3	103.0	332688.5	0.286
12	198.8	20.7	103.0	318870.9	0.302
13	97.4	10.3	138.0	392949.7	0.308
14	131.6	13.8	138.0	393168	0.311
15	254.4	27.6	138.0	375977	0.351

S2N3-2, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.3	10.3	103.0	436420.6	0.132
1	17.0	2.1	21.0	290706.2	0.134
2	37.1	4.1	21.0	171317.5	0.137
3	58.0	6.2	21.0	155117.9	0.141
4	29.1	3.4	34.0	294320.1	0.145
5	64.4	6.9	34.0	205820.1	0.151
6	98.2	10.3	34.0	205410.1	0.162
7	65.5	6.9	69.0	357578.1	0.172
8	134.5	13.8	69.0	320259	0.172
9	204.2	20.7	69.0	287444.2	0.197
10	66.0	6.9	103.0	395198.2	0.199
11	99.8	10.3	103.0	401128.5	0.202
12	203.4	20.7	103.0	355608.4	0.212
13	99.0	10.3	138.0	422720.4	0.217
14	133.7	13.8	138.0	452552.1	0.219
15	264.6	27.6	138.0	407160.4	0.239

Resilient Modulus (Mr), Stage Four

S2N4-1, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.9	10.3	103.0	412312.8	0.010
1	17.6	2.1	21.0	272544.5	0.013
2	39.2	4.1	21.0	257920.5	0.017
3	59.7	6.3	21.0	259530.7	0.021
4	31.7	3.4	34.0	269724.3	0.025
5	66.1	6.9	34.0	282890.1	0.030
6	99.8	10.3	34.0	298874.7	0.044
7	65.6	6.9	69.0	343530.6	0.053
8	133.7	13.8	69.0	370314.7	0.056
9	201.1	20.6	69.0	365785.3	0.071
10	65.0	6.9	103.0	351474.6	0.077
11	98.1	10.3	103.0	368957.7	0.079
12	198.6	20.7	103.0	408857	0.088
13	97.5	10.3	138.0	403573	0.095
14	131.5	13.8	138.0	426004.7	0.097
15	254.3	27.6	138.0	451321.6	0.113

S2N4-2, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.6	10.3	103.0	367385.2	0.060
1	16.4	2.1	21.0	243768.9	0.061
2	37.8	4.1	21.0	215543.2	0.064
3	59.0	6.2	21.0	217076.9	0.068
4	31.1	3.4	34.0	232141.8	0.072
5	66.8	6.9	34.0	247376.6	0.076
6	100.7	10.3	34.0	261289.6	0.089
7	67.0	6.9	69.0	304980.9	0.098
8	135.2	13.8	69.0	335186.3	0.101
9	202.9	20.7	69.0	315424.1	0.127
10	66.1	6.9	103.0	323607.2	0.132
11	99.2	10.3	103.0	331347	0.135
12	200.9	20.7	103.0	358912.9	0.145
13	98.6	10.3	138.0	363942	0.152
14	133.2	13.8	138.0	382989.9	0.154
15	258.8	27.5	138.0	378986.5	0.177

S3N2-1, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.6	10.3	103.0	413236.2	0.271
1	17.1	2.1	21.0	284264.1	0.274
2	37.9	4.2	21.0	205296.6	0.283
3	59.6	6.1	21.0	187538.1	0.289
4	29.0	3.4	34.0	359820.9	0.294
5	65.8	6.9	34.0	225224.4	0.305
6	99.2	10.3	34.0	235990.9	0.319
7	64.6	6.9	69.0	379103	0.326
8	133.0	13.8	69.0	329365.4	0.343
9	196.6	20.6	69.0	334168.3	0.428
10	64.4	6.9	103.0	275225.5	0.429
11	96.8	10.3	103.0	431566.5	0.433
12	193.6	20.7	103.0	398616.9	0.454
13	96.6	10.3	138.0	402312.3	0.460
14	133.2	13.8	138.0	486173.4	0.464
15	264.7	27.5	138.0	443487.4	0.519

S3N2-2, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	100.2	10.3	103.0	412299.8	0.010
1	18.9	2.1	21.0	272524.5	0.013
2	39.1	4.1	21.0	257928.5	0.017
3	59.8	6.3	21.0	259530.7	0.021
4	31.2	3.4	34.0	269729.3	0.025
5	66.2	6.9	34.0	282890.1	0.030
6	99.3	10.3	34.0	298853.7	0.044
7	65.7	6.9	69.0	343530.6	0.053
8	133.2	13.8	69.0	370316.7	0.056
9	199.9	20.6	69.0	365795.3	0.071
10	65.4	6.9	103.0	351488.6	0.077
11	98.2	10.3	103.0	368957.7	0.079
12	198.5	20.7	103.0	408857	0.088
13	97.7	10.3	138.0	403573	0.095
14	132.3	13.8	138.0	426024.7	0.097
15	265.7	27.6	138.0	451321.6	0.113

Resilient Modulus (Mr), Stage Four

S3N3-1, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	96.8	10.4	103.0	483654	0.120
1	16.5	2.1	21.0	212431.1	0.124
2	35.9	4.0	21.0	210605.5	0.130
3	57.1	6.2	21.0	204691	0.136
4	29.5	3.4	34.0	346945.5	0.140
5	65.4	6.9	34.0	280855.5	0.153
6	99.7	10.3	34.0	298005.5	0.162
7	65.6	7.0	69.0	384680.5	0.170
8	135.0	13.9	69.0	486974.5	0.178
9	202.9	20.8	69.0	476748.8	0.203
10	65.4	6.9	103.0	523966.6	0.206
11	98.4	10.4	103.0	638962.2	0.206
12	200.5	20.8	103.0	614546.3	0.221
13	97.6	10.4	138.0	512064.4	0.223
14	131.9	13.9	138.0	604592.6	0.227
15	257.8	27.7	138.0	751593.2	0.250

S3N3-2, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	97.7	10.3	103.0	498297.9	0.243
1	16.8	2.1	21.0	290534.5	0.245
2	37.6	4.1	21.0	231108.8	0.250
3	59.0	6.2	21.0	220969.1	0.254
4	30.8	3.4	34.0	369108.6	0.260
5	66.7	6.9	34.0	281862.7	0.276
6	100.5	10.3	34.0	294012.3	0.286
7	66.4	6.9	69.0	452420.6	0.295
8	134.8	13.8	69.0	407710.5	0.320
9	203.0	20.7	69.0	415397.3	0.417
10	65.4	6.9	103.0	509898.6	0.420
11	99.0	10.3	103.0	518183.8	0.423
12	201.4	20.7	103.0	477131.6	0.447
13	98.3	10.3	138.0	587302.3	0.452
14	132.8	13.8	138.0	591493.5	0.456
15	261.5	27.6	138.0	575618.4	0.517

S3N4-1, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	99.9	10.3	103.0	519389.8	0.060
1	15.3	2.0	21.0	237531.7	0.063
2	37.4	4.1	21.0	241583.1	0.067
3	58.8	6.3	21.0	263301	0.072
4	29.5	3.3	34.0	268883.7	0.076
5	65.1	7.0	34.0	306578	0.083
6	98.2	10.4	34.0	342675.2	0.096
7	64.5	6.9	69.0	392485.2	0.109
8	131.1	13.9	69.0	461488.8	0.110
9	197.4	20.7	69.0	503945.9	0.144
10	65.6	7.0	103.0	444521.9	0.147
11	99.6	10.3	103.0	479681.4	0.150
12	202.9	20.7	103.0	573826	0.164
13	100.0	10.4	138.0	534974.3	0.170
14	134.7	13.9	138.0	574149.3	0.173
15	267.6	27.4	138.0	673526.5	0.207

S3N4-2, Week 2

Sequence	Cyclic axial stress (kPa)	Contact stress (kPa)	Confine stress (kPa)	Axial Modulus (kPa)	Axial permanent strain (%)
0	98.9	10.3	103.0	572706.5	0.078
1	16.2	2.1	21.0	251095.5	0.083
2	37.0	4.1	21.0	261027.4	0.088
3	58.1	6.2	21.0	282337.7	0.093
4	30.0	3.4	34.0	288459.7	0.097
5	64.6	6.9	34.0	335228.6	0.105
6	98.4	10.4	34.0	379144.8	0.119
7	64.0	6.9	69.0	441148	0.131
8	132.9	13.8	69.0	531753.5	0.132
9	200.2	20.7	69.0	541614.1	0.171
10	65.8	6.9	103.0	480900	0.174
11	100.7	10.3	103.0	531691	0.177
12	204.0	20.7	103.0	619401.4	0.193
13	100.4	10.3	138.0	586760.8	0.199
14	135.0	13.8	138.0	639646.6	0.202
15	266.6	27.6	138.0	703184.2	0.236

APPENDIX K: Shrinkage

Shrinkage Test Results
(micro strain)

Time (day) / Batch	7	14	21	28
S3	68	135	180	196
S3N2	83	165	196	221
S3N3	105	196	237	265
S3N4	146	215	268	286

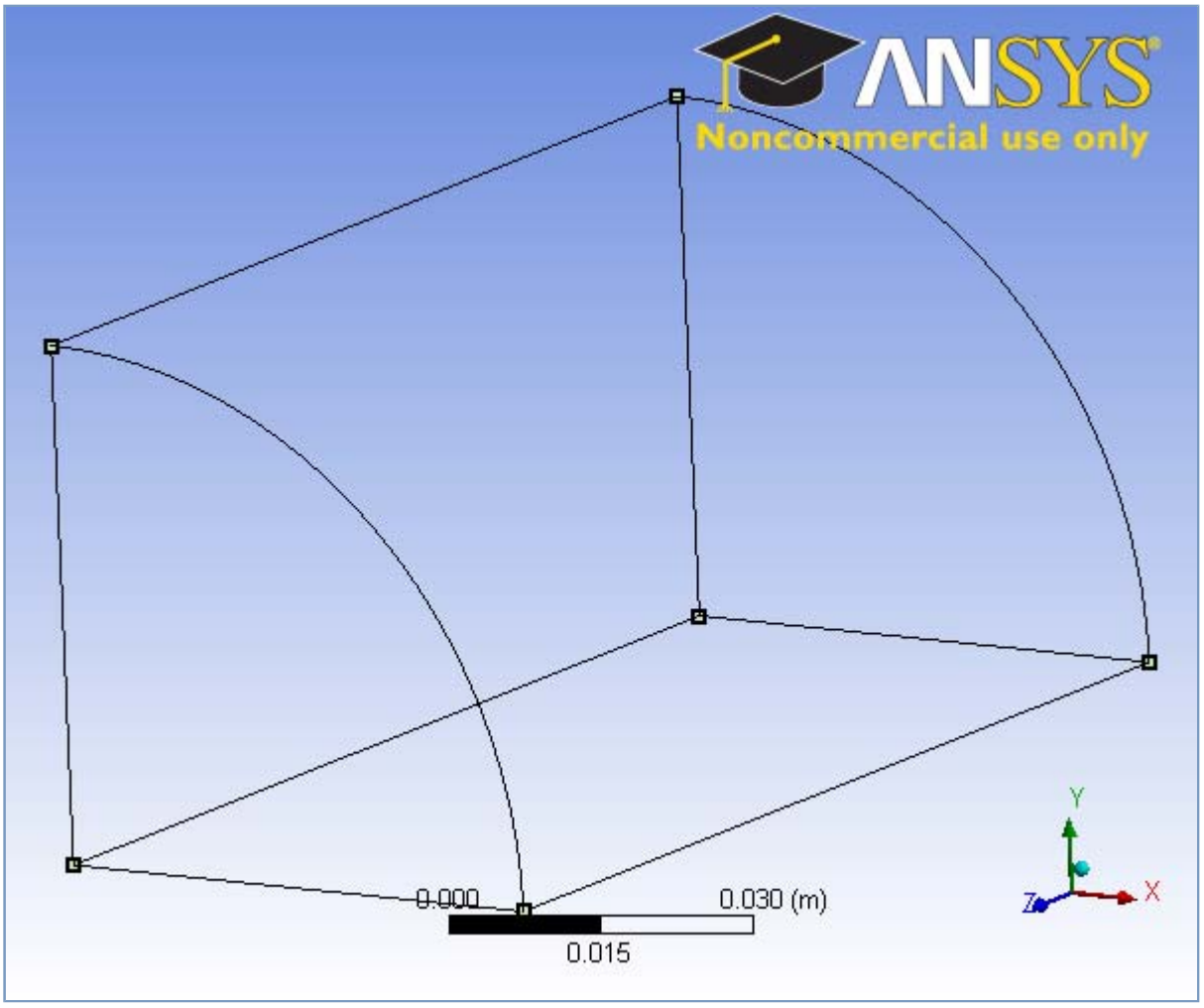
Shrinkage Test Results
(micro strain)

Time (day) / Batch	7	14	21	28
S2	57	126	173	186
S2N2	76	148	189	215
S2N3	94	176	218	246
S2N4	103	189	234	268

APPENDIX L: Ansys Analyses Results

Project

First Saved	Thursday, September 25, 2014
Last Saved	Monday, February 02, 2015
Product Version	14.0 Release
Save Project Before Solution	No
Save Project After Solution	No



Contents

- **Units**
- **Model (E4)**
  - Geometry
    - Solid
  - Coordinate Systems
  - Mesh
  - **Transient Thermal (E5)**
    - Initial Temperature
    - Analysis Settings
    - Temperature
    - Solution (E6)
      - Solution Information
        - Result Charts
      - Results
- **Material Data**
  - CEMENT MODIFIED CRUSHED ROCK

Units

TABLE 1

Unit System	Metric (m, kg, N, s, V, A) Degrees rad/s Celsius
Angle	Degrees
Rotational Velocity	rad/s
Temperature	Celsius

Model (E4)

Geometry

TABLE 2
Model (E4) > Geometry

Object Name	*Geometry*
State	Fully Defined
Definition	
Source	C:\Users\15103033\Desktop\Results For Thesis\Thesis Analyses 48 hour_files\dp0\Geom\DM\Geom.agdb
Type	DesignModeler
Length Unit	Centimeters
Element Control	Program Controlled
Display Style	Body Color
Bounding Box	
Length X	5.25e-002 m
Length Y	5.25e-002 m
Length Z	0.115 m
Properties	
Volume	2.4895e-004 m³
Mass	2.4895e-004 kg
Scale Factor Value	1.
Statistics	
Bodies	1

Active Bodies	1
Nodes	5232
Elements	1054
Mesh Metric	None
Basic Geometry Options	
Parameters	Yes
Parameter Key	DS
Attributes	No
Named Selections	No
Material Properties	No
Advanced Geometry Options	
Use Associativity	Yes
Coordinate Systems	No
Reader Mode Saves Updated File	No
Use Instances	Yes
Smart CAD Update	No
Attach File Via Temp File	Yes
Temporary Directory	C:\Users\15103033\AppData\Local\Temp
Analysis Type	3-D
Decompose Disjoint Faces	Yes
Enclosure and Symmetry Processing	Yes

TABLE 3
Model (E4) > Geometry > Parts

Object Name	*Solid*
State	Meshed
Graphics Properties	
Visible	Yes
Transparency	1
Definition	
Suppressed	No
Stiffness Behavior	Flexible
Coordinate System	Default Coordinate System
Reference Temperature	By Environment
Material	
Assignment	CEMENT MODIFIED CRUSHED ROCK
Nonlinear Effects	Yes
Thermal Strain Effects	Yes
Bounding Box	
Length X	5.25e-002 m
Length Y	5.25e-002 m
Length Z	0.115 m
Properties	
Volume	2.4895e-004 m^3
Mass	2.4895e-004 kg
Centroid X	2.2225e-002 m
Centroid Y	2.2225e-002 m
Centroid Z	5.75e-002 m
Moment of Inertia Ip1	3.3468e-007 $kg \cdot m^2$
Moment of Inertia Ip2	3.0618e-007 $kg \cdot m^2$
Moment of Inertia Ip3	9.4922e-008 $kg \cdot m^2$
Statistics	
Nodes	5232
Elements	1054
Mesh Metric	None

Coordinate Systems

TABLE 4
Model (E4) > Coordinate Systems > Coordinate System

Object Name	*Global Coordinate System*
State	Fully Defined
Definition	
Type	Cartesian
Coordinate System ID	0.
Origin	
Origin X	0. m
Origin Y	0. m
Origin Z	0. m
Directional Vectors	
X Axis Data	[1. 0. 0.]
Y Axis Data	[0. 1. 0.]
Z Axis Data	[0. 0. 1.]

Mesh

TABLE 5
Model (E4) > Mesh

Object Name	*Mesh*
State	Solved
Defaults	
Physics Preference	Mechanical
Relevance	0
Sizing	
Use Advanced Size Function	Off
Relevance Center	Coarse
Element Size	Default
Initial Size Seed	Active Assembly
Smoothing	Medium
Transition	Fast
Span Angle Center	Coarse
Minimum Edge Length	5.25e-002 m
Inflation	
Use Automatic Inflation	None
Inflation Option	Smooth Transition
Transition Ratio	0.272
Maximum Layers	5
Growth Rate	1.2
Inflation Algorithm	Pre
View Advanced Options	No
Patch Conforming Options	
Triangle Surface Mesher	Program Controlled
Advanced	
Shape Checking	Standard Mechanical
Element Midside Nodes	Program Controlled
Straight Sided Elements	No
Number of Retries	Default (4)
Extra Retries For Assembly	Yes
Rigid Body Behavior	Dimensionally Reduced
Mesh Morphing	Disabled
Defeaturing	
Pinch Tolerance	Please Define

Generate Pinch on Refresh	No
Automatic Mesh Based Defeaturing	On
Defeaturing Tolerance	Default
Statistics	
Nodes	5232
Elements	1054
Mesh Metric	None

Transient Thermal (E5)

TABLE 6
Model (E4) > Analysis

Object Name	*Transient Thermal (E5)*
State	Solved
Definition	
Physics Type	Thermal
Analysis Type	Transient
Solver Target	Mechanical APDL
Options	
Generate Input Only	No

TABLE 7
Model (E4) > Transient Thermal (E5) > Initial Condition

Object Name	*Initial Temperature*
State	Fully Defined
Definition	
Initial Temperature	Uniform Temperature
Initial Temperature Value	1. °C

TABLE 8
Model (E4) > Transient Thermal (E5) > Analysis Settings

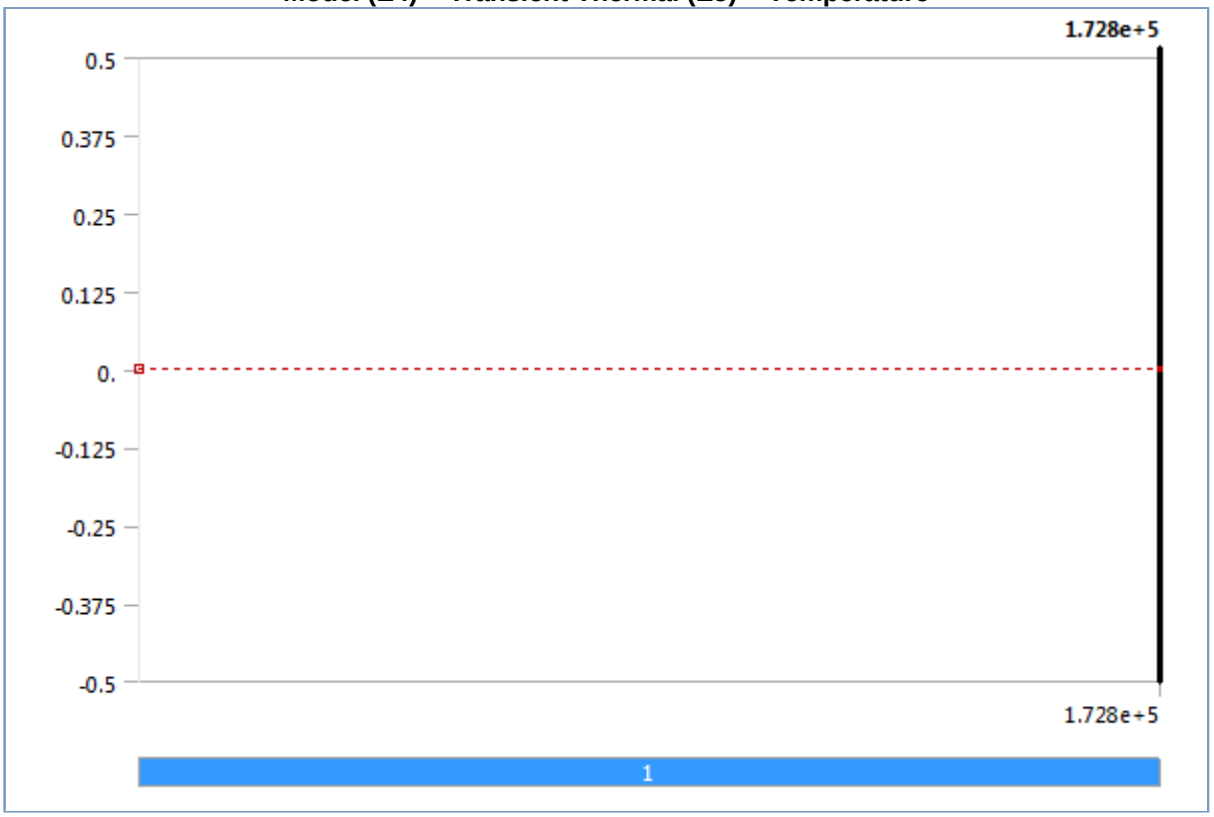
Object Name	*Analysis Settings*
State	Fully Defined
Step Controls	
Number Of Steps	1.
Current Step Number	1.
Step End Time	1.728e+005 s
Auto Time Stepping	Program Controlled
Initial Time Step	1728. s
Minimum Time Step	172.8 s
Maximum Time Step	17280 s
Time Integration	On
Solver Controls	
Solver Type	Program Controlled
Radiosity Controls	
Flux Convergence	1.e-004
Maximum Iteration	1000.
Solver Tolerance	0.1
Over Relaxation	0.1
Hemicube Resolution	10.
Nonlinear Controls	
Heat Convergence	Program Controlled
Temperature Convergence	Program Controlled
Line Search	Program Controlled
Nonlinear Formulation	Program Controlled

Output Controls	
Calculate Thermal Flux	Yes
General Miscellaneous	No
Calculate Results At	All Time Points
Max Number of Result Sets	Program Controlled
Analysis Data Management	
Solver Files Directory	C:\Users\15103033\Desktop\THESIS\Results For Thesis\Thesis Analyses 48 hour_files\dp0\SYS-5\MECH\
Future Analysis	None
Scratch Solver Files Directory	
Save MAPDL db	No
Delete Unneeded Files	Yes
Nonlinear Solution	No
Solver Units	Active System
Solver Unit System	mks

TABLE 9
Model (E4) > Transient Thermal (E5) > Loads

Object Name	*Temperature*
State	Fully Defined
Scope	
Scoping Method	Geometry Selection
Geometry	1 Face
Definition	
Type	Temperature
Magnitude	0. °C (step applied)
Suppressed	No

FIGURE 1
Model (E4) > Transient Thermal (E5) > Temperature



Solution (E6)

TABLE 10
Model (E4) > Transient Thermal (E5) > Solution

Object Name	*Solution (E6)*
State	Solved
Adaptive Mesh Refinement	
Max Refinement Loops	1.
Refinement Depth	2.
Information	
Status	Done

TABLE 11
Model (E4) > Transient Thermal (E5) > Solution (E6) > Solution Information

Object Name	*Solution Information*
State	Solved
Solution Information	
Solution Output	Solver Output
Update Interval	2.5 s
Display Points	All
FE Connection Visibility	
Activate Visibility	Yes
Display	All FE Connectors
Draw Connections Attached To	All Nodes
Line Color	Connection Type
Visible on Results	No
Line Thickness	Single
Display Type	Lines

TABLE 12
Model (E4) > Transient Thermal (E5) > Solution (E6) > Solution Information > Result Charts

Object Name	*Temperature - Global Maximum*	*Temperature - Global Minimum*
State	Solved	
Definition		
Type	Temperature	
Suppressed	No	
Scope		
Scoping Method	Global Maximum	Global Minimum
Results		
Minimum	5.0456e-002 °C	0. °C
Maximum	0.99994 °C	0. °C

FIGURE 2
Model (E4) > Transient Thermal (E5) > Solution (E6) > Solution Information > Temperature - Global Maximum

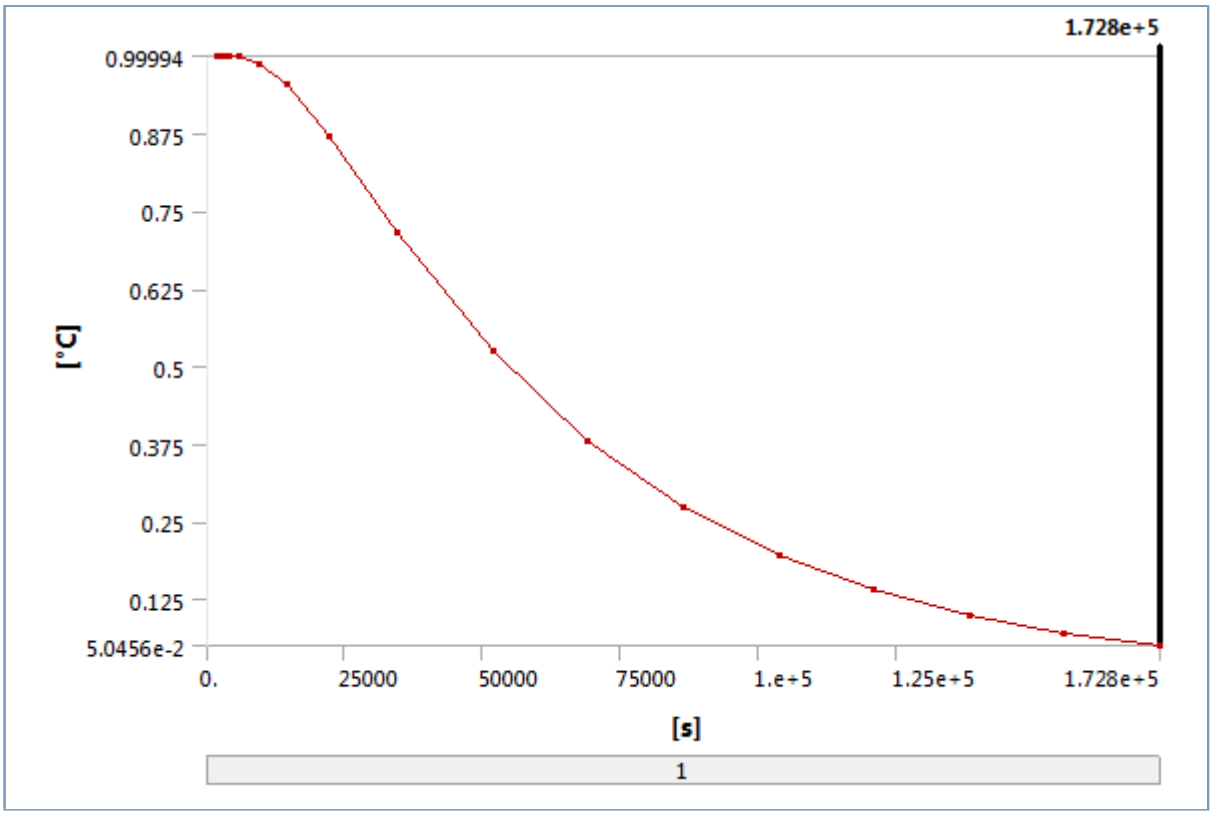


FIGURE 3
Model (E4) > Transient Thermal (E5) > Solution (E6) > Solution Information > Temperature - Global Minimum

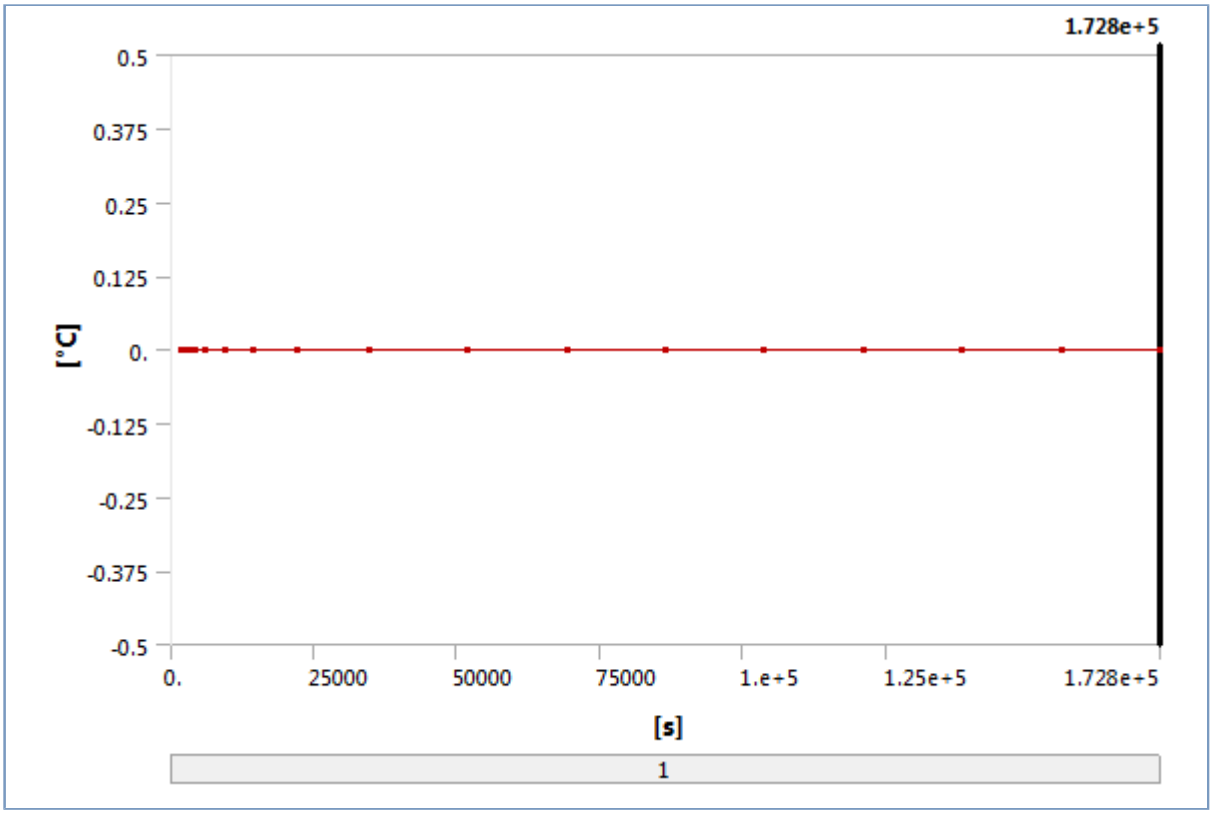


TABLE 13
Model (E4) > Transient Thermal (E5) > Solution (E6) > Results

Object Name	*Moisture Content @ 24.0 Hour*	*Moisture Content @ 8.0 Hour*	*Moisture Content @ 4.0 Hour*	*Moisture Content @ 1.0 Hour*	*Moisture Content @ 48.0 Hour*

State	Solved				
Scope					
Scoping Method	Geometry Selection				
Geometry	All Bodies				
Definition					
Type	Temperature				
By	Time				
Display Time	86400 s	28800 s	14400 s	3600. s	1.728e+005 s
Calculate Time History	Yes				
Identifier					
Suppressed	No				
Results					
Minimum	0. °C				
Maximum	0.27336 °C	0.78676 °C	0.95519 °C	0.99975 °C	5.0456e-002 °C
Minimum Value Over Time					
Minimum	0. °C				
Maximum	0. °C				
Maximum Value Over Time					
Minimum	5.0456e-002 °C				
Maximum	0.99994 °C				
Information					
Time	86398 s	28800 s	14341 s	3600. s	1.728e+005 s
Load Step	1				
Substep	12	9	7	3	17
Iteration Number	12	9	7	3	17

FIGURE 4
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 24.0 Hour

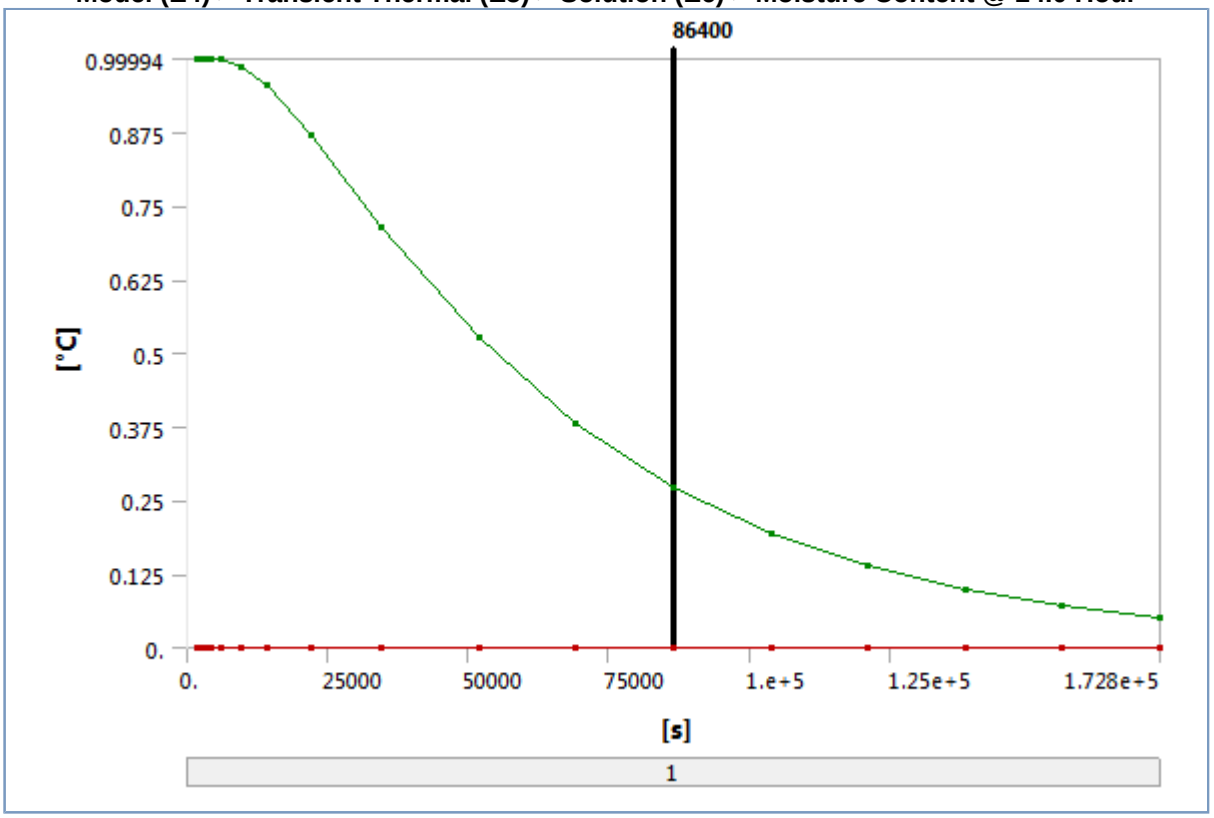


TABLE 14
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 24.0 Hour

Time [s]	Minimum [°C]	Maximum [°C]
1728.	0.	0.99994
2690.2		0.99988
3398.1		0.99979
4106.1		0.99966
5912.9		0.9984
9526.7		0.98762
14341		0.95519
22065		0.87107
34558		0.71468
51838		0.52671
69118		0.38105
86398		0.27336
1.0368e+005		0.19536
1.2096e+005		0.13938
1.3824e+005		9.9365e-002
1.5552e+005		7.0813e-002
1.728e+005		5.0456e-002

FIGURE 5
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 8.0 Hour

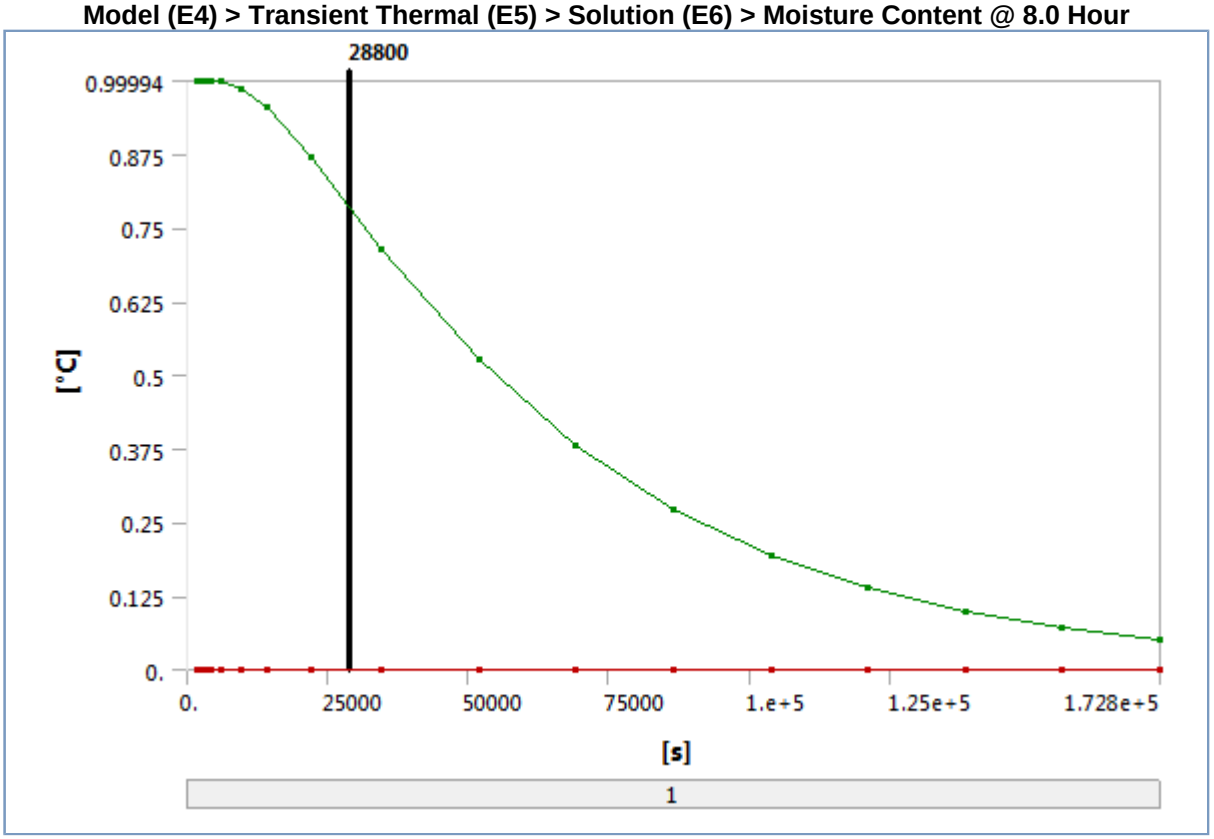


TABLE 15
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 8.0 Hour

Time [s]	Minimum [°C]	Maximum [°C]
1728.		0.99994
2690.2		0.99988
3398.1		0.99979
4106.1		0.99966
5912.9		0.9984
9526.7		0.98762
14341		0.95519
22065		0.87107

34558		0.71468
51838		0.52671
69118		0.38105
86398		0.27336
1.0368e+005	0.	0.19536
1.2096e+005		0.13938
1.3824e+005		9.9365e-002
1.5552e+005		7.0813e-002
1.728e+005		5.0456e-002

FIGURE 6
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 4.0 Hour

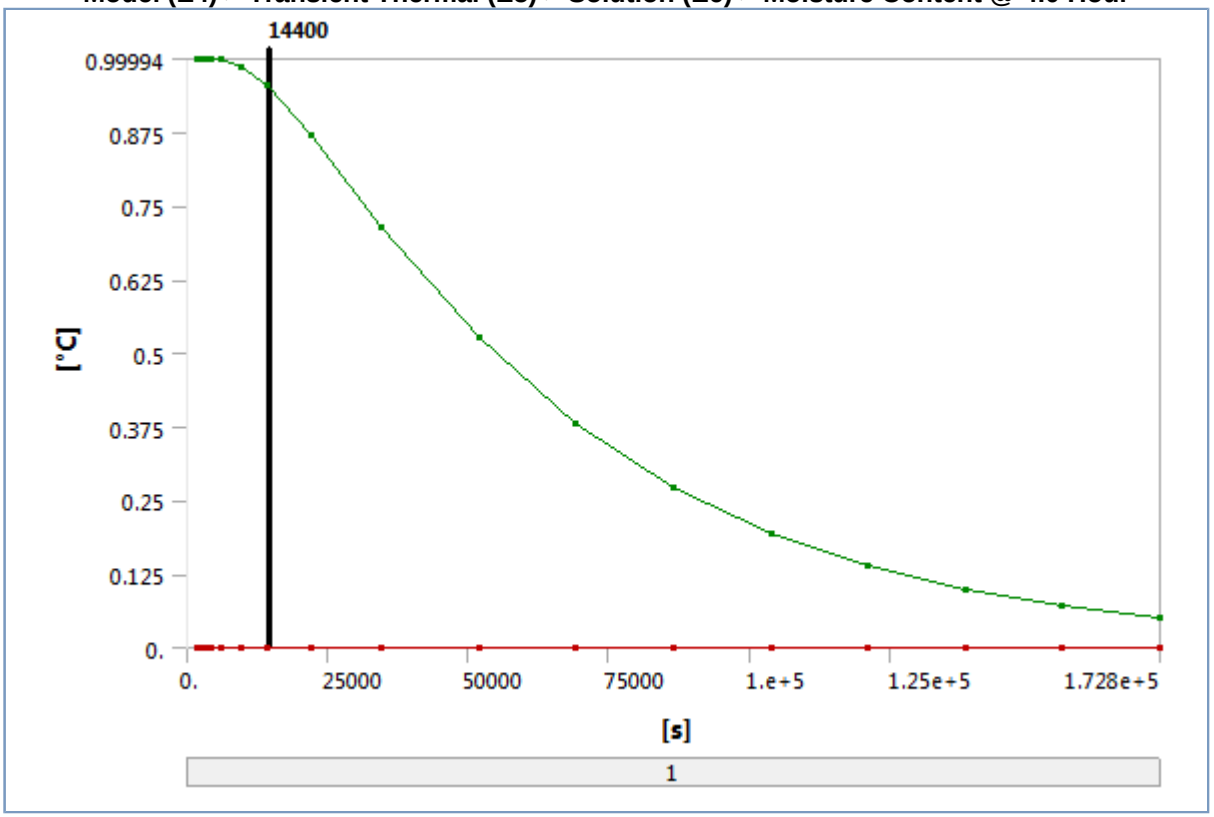


TABLE 16
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 4.0 Hour

Time [s]	Minimum [°C]	Maximum [°C]
1728.		0.99994
2690.2		0.99988
3398.1		0.99979
4106.1		0.99966
5912.9		0.9984
9526.7		0.98762
14341		0.95519
22065		0.87107
34558	0.	0.71468
51838		0.52671
69118		0.38105
86398		0.27336
1.0368e+005		0.19536
1.2096e+005		0.13938
1.3824e+005		9.9365e-002
1.5552e+005		7.0813e-002
1.728e+005		5.0456e-002

FIGURE 7
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 1.0 Hour

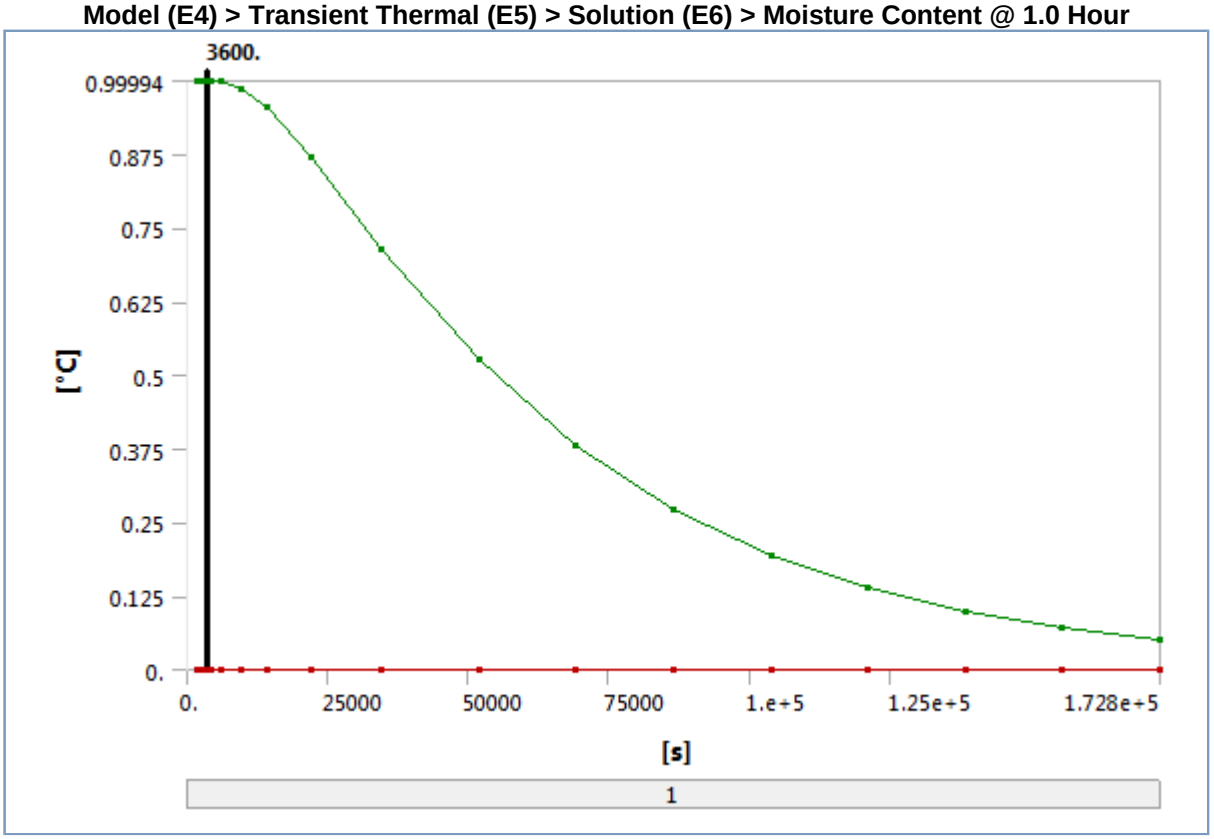


TABLE 17
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 1.0 Hour

Time [s]	Minimum [°C]	Maximum [°C]
1728.	0.	0.99994
2690.2		0.99988
3398.1		0.99979
4106.1		0.99966
5912.9		0.9984
9526.7		0.98762
14341		0.95519
22065		0.87107
34558		0.71468
51838		0.52671
69118		0.38105
86398		0.27336
1.0368e+005		0.19536
1.2096e+005		0.13938
1.3824e+005		9.9365e-002
1.5552e+005		7.0813e-002
1.728e+005		5.0456e-002

FIGURE 8
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 48.0 Hour

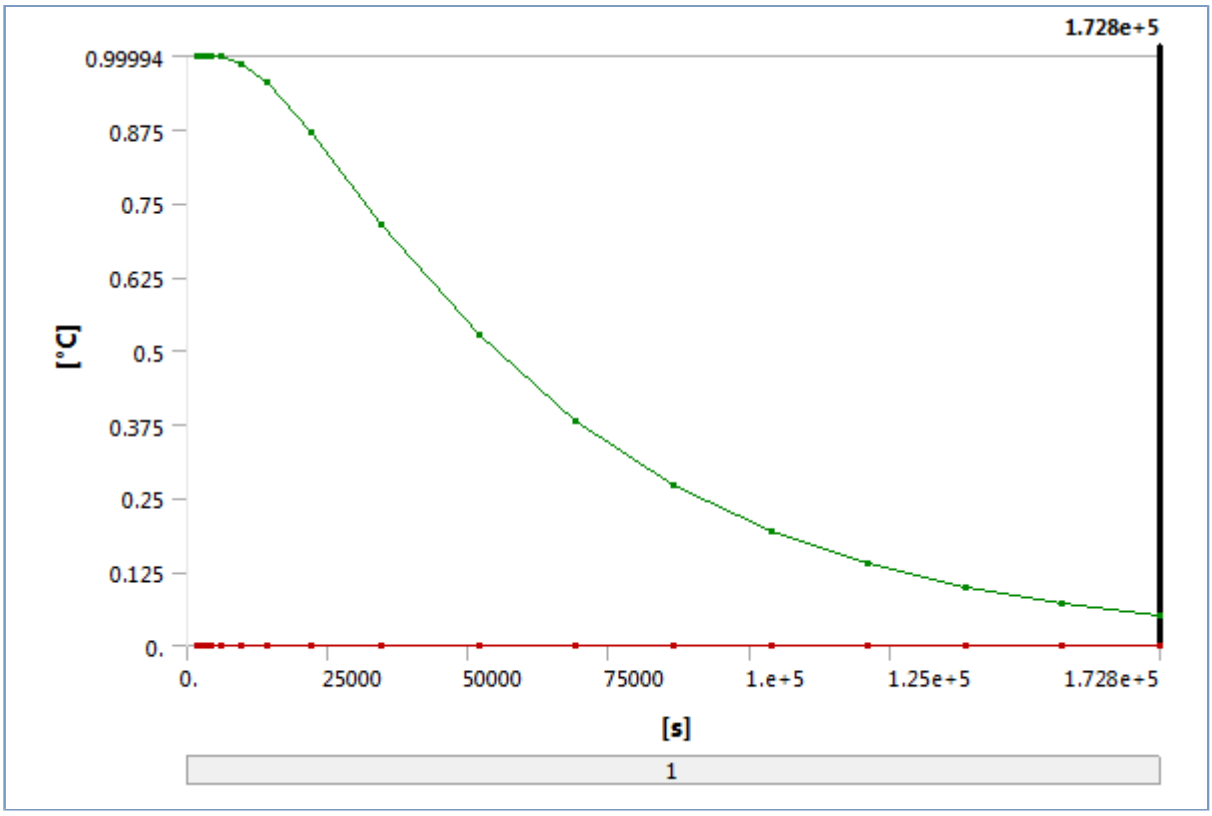


TABLE 18
Model (E4) > Transient Thermal (E5) > Solution (E6) > Moisture Content @ 48.0 Hour

Time [s]	Minimum [°C]	Maximum [°C]
1728.	0.	0.99994
2690.2		0.99988
3398.1		0.99979
4106.1		0.99966
5912.9		0.9984
9526.7		0.98762
14341		0.95519
22065		0.87107
34558		0.71468
51838		0.52671
69118		0.38105
86398		0.27336
1.0368e+005		0.19536
1.2096e+005		0.13938
1.3824e+005		9.9365e-002
1.5552e+005		7.0813e-002
1.728e+005		5.0456e-002

Material Data

CEMENT MODIFIED CRUSHED ROCK

TABLE 19
CEMENT MODIFIED CRUSHED ROCK > Constants

Density	1 kg m^-3
Coefficient of Thermal Expansion	1.e-003 C^-1
Specific Heat	134.75 J kg^-1 C^-1
Thermal Conductivity	1.5e-006 W m^-1 C^-1

Resistivity	1.7e-007 ohm m

TABLE 20
CEMENT MODIFIED CRUSHED ROCK > Compressive Ultimate Strength

Compressive Ultimate Strength Pa
0

TABLE 21
CEMENT MODIFIED CRUSHED ROCK > Compressive Yield Strength

Compressive Yield Strength Pa
2.5e+008

TABLE 22
CEMENT MODIFIED CRUSHED ROCK > Tensile Yield Strength

Tensile Yield Strength Pa
2.5e+008

TABLE 23
CEMENT MODIFIED CRUSHED ROCK > Tensile Ultimate Strength

Tensile Ultimate Strength Pa
4.6e+008

TABLE 24
CEMENT MODIFIED CRUSHED ROCK > Isotropic Secant Coefficient of Thermal Expansion

Reference Temperature C
0

TABLE 25
CEMENT MODIFIED CRUSHED ROCK > Alternating Stress Mean Stress

Alternating Stress Pa	Cycles	Mean Stress Pa
3.999e+009	10	0
2.827e+009	20	0
1.896e+009	50	0
1.413e+009	100	0
1.069e+009	200	0
4.41e+008	2000	0
2.62e+008	10000	0
2.14e+008	20000	0
1.38e+008	1.e+005	0
1.14e+008	2.e+005	0
8.62e+007	1.e+006	0

TABLE 26
CEMENT MODIFIED CRUSHED ROCK > Strain-Life Parameters

Strength Coefficient Pa	Strength Exponent	Ductility Coefficient	Ductility Exponent	Cyclic Strength Coefficient Pa	Cyclic Strain Hardening Exponent
9.2e+008	-0.106	0.213	-0.47	1.e+009	0.2

TABLE 27
CEMENT MODIFIED CRUSHED ROCK > Isotropic Elasticity

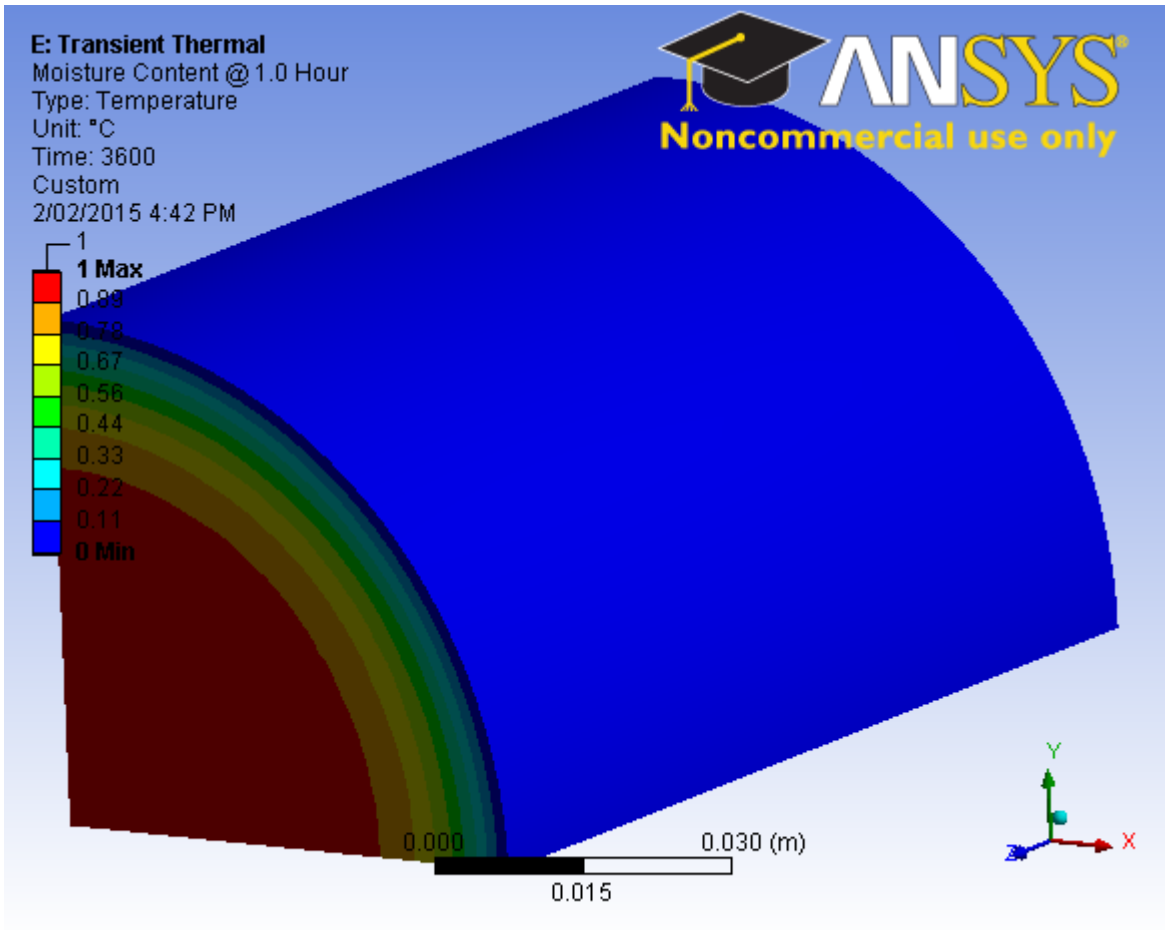
Temperature C	Young's Modulus Pa	Poisson's Ratio	Bulk Modulus Pa	Shear Modulus Pa
	2.5e+008	0.25	1.6667e+008	1.e+008

TABLE 28
CEMENT MODIFIED CRUSHED ROCK > Isotropic Relative Permeability

Relative Permeability
10000

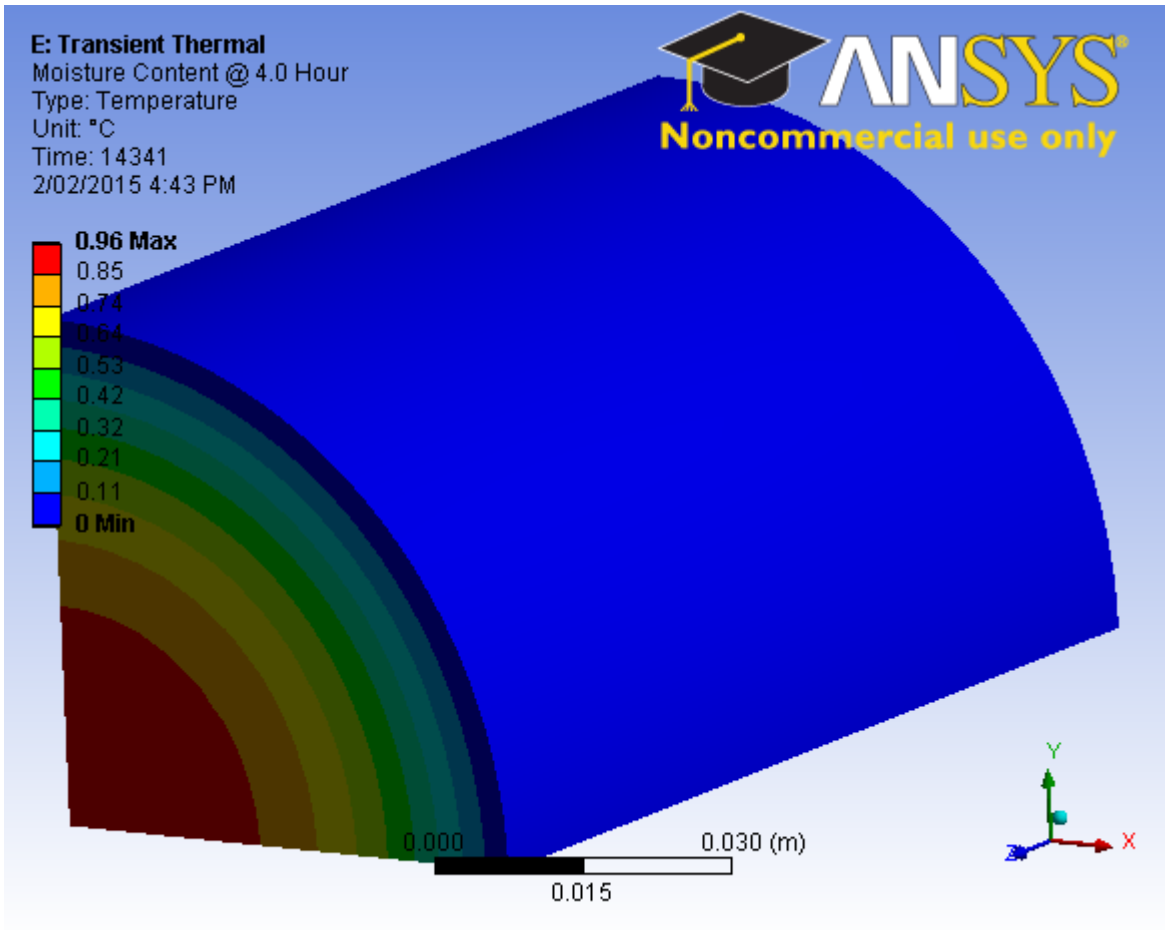
Moisture Content @ 1.0 Hour

Subject:
Author:
Prepared For:
Date Monday, February 02, 2015
Comments:



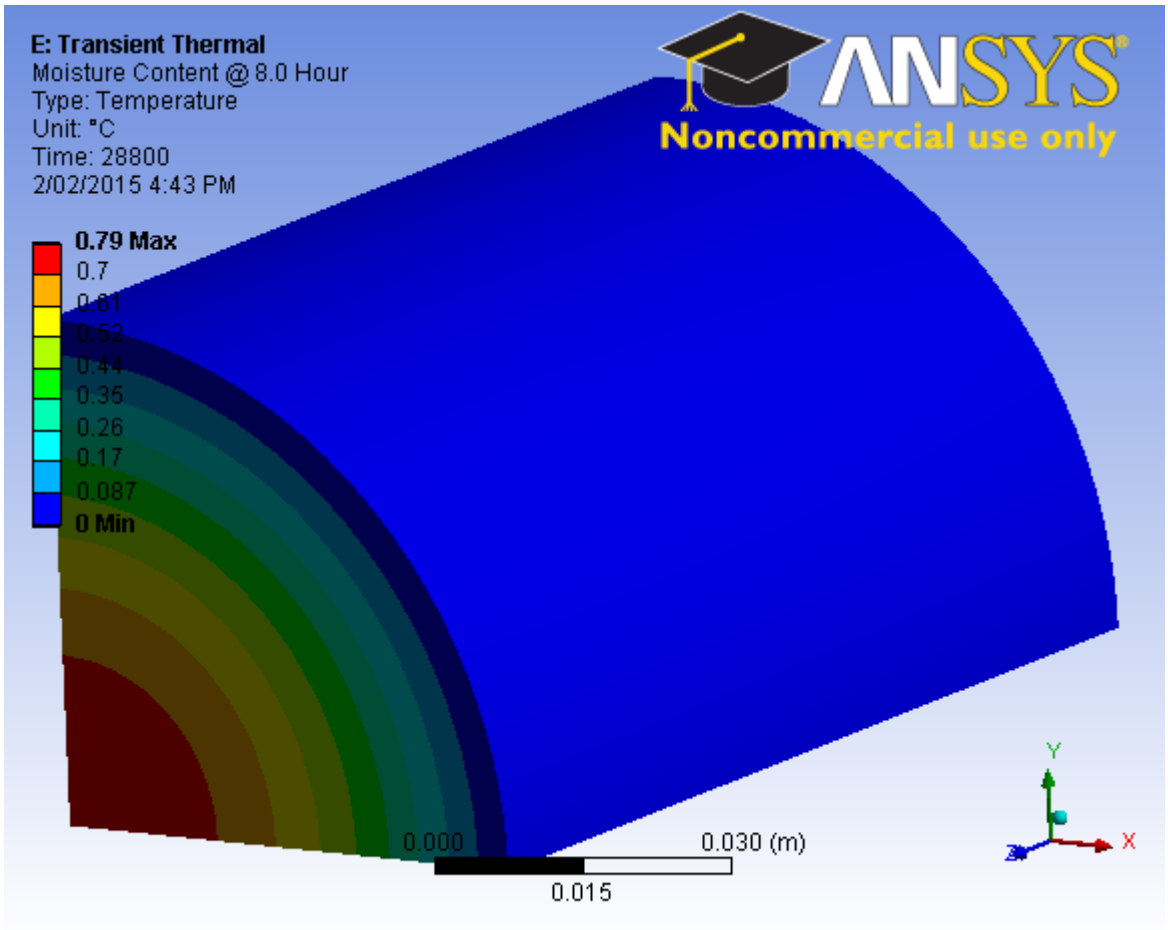
Moisture Content @ 4.0 Hour

Subject:
Author:
Prepared For:
Date Monday, February 02, 2015
Comments:



Moisture Content @ 8.0 Hour

Subject:
Author:
Prepared For:
Date Monday, February 02, 2015
Comments:



Moisture Content @ 24.0 Hour

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Author:
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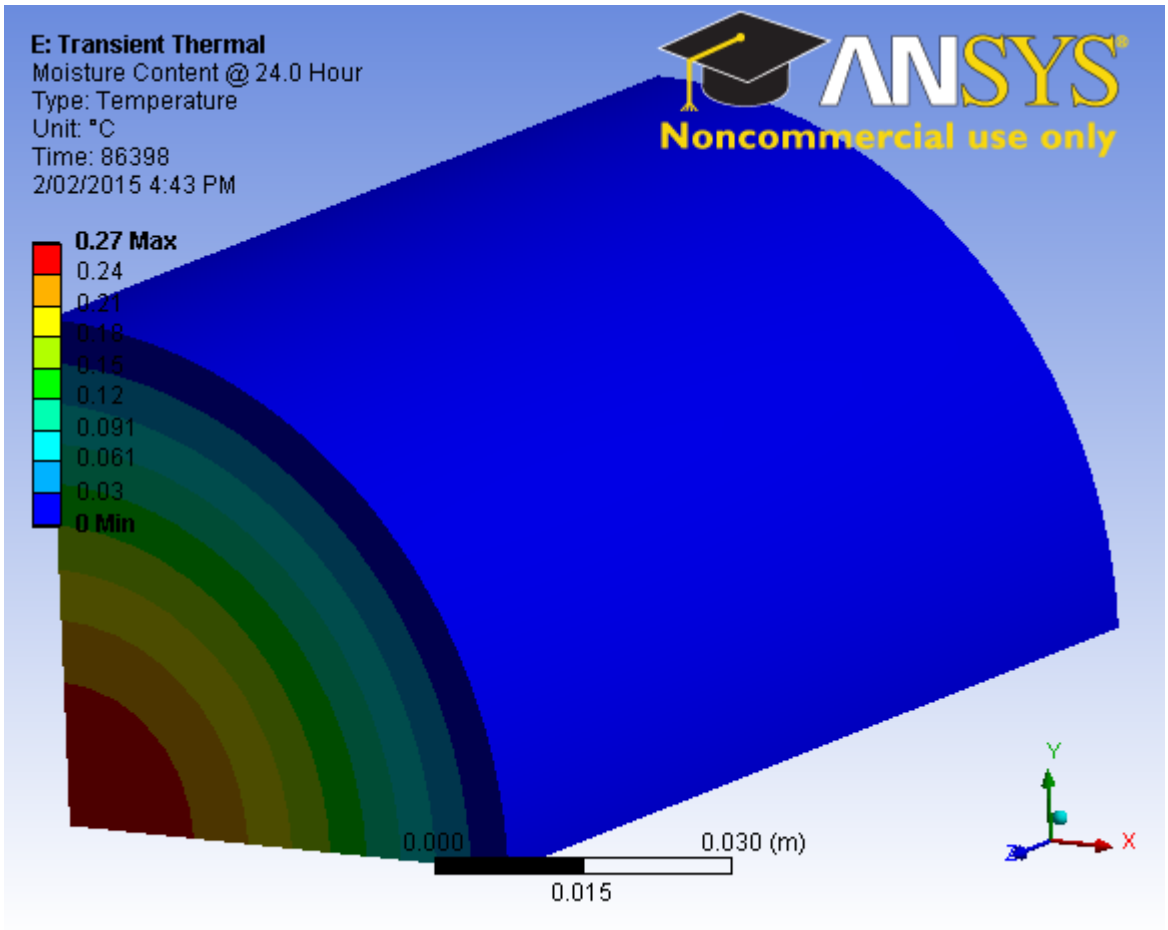
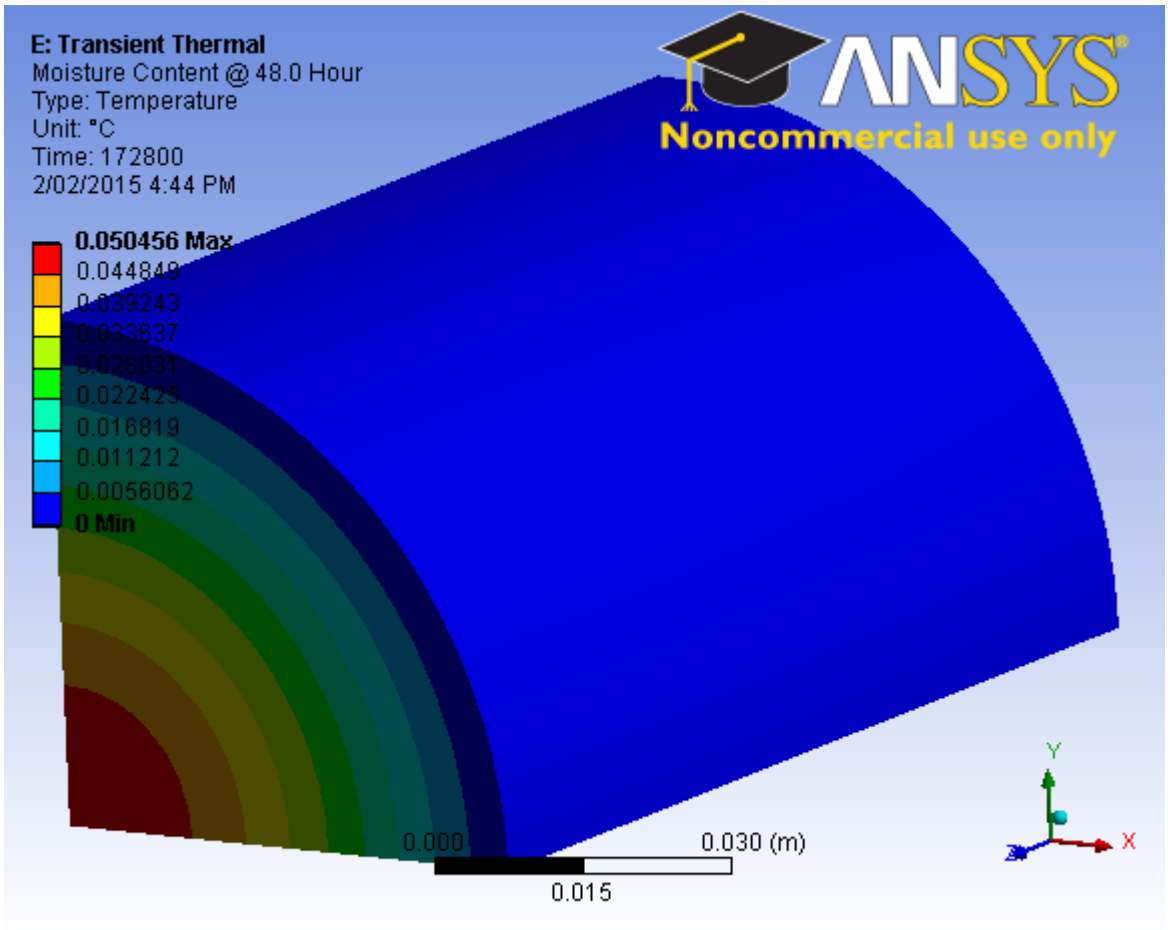
Comments:



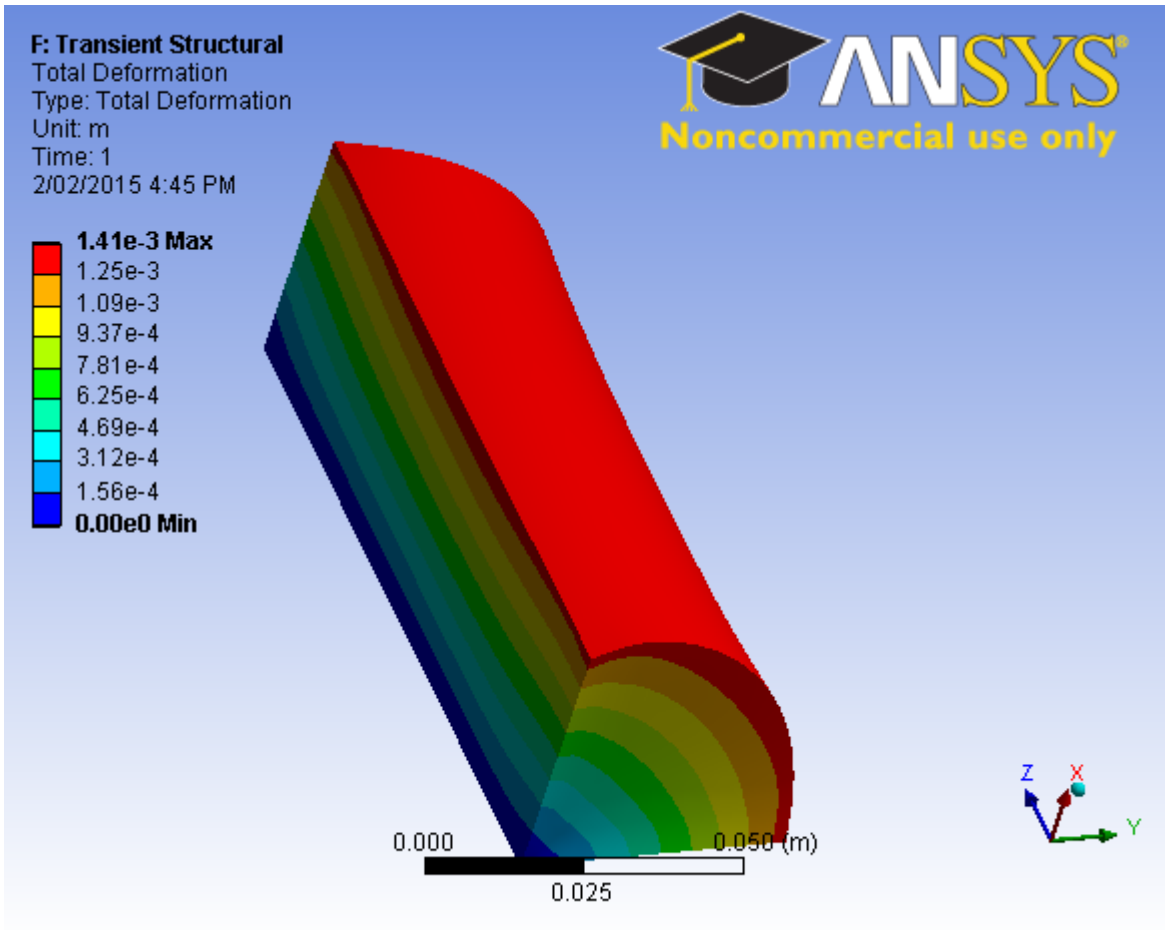
Moisture Content @ 48.0 Hour

Subject:
Author:
Prepared For:
Date Monday, February 02, 2015
Comments:



Total Deformation

Subject:
Author:
Prepared For:
Date Monday, February 02, 2015
Comments:



Equivalent Elastic Strain

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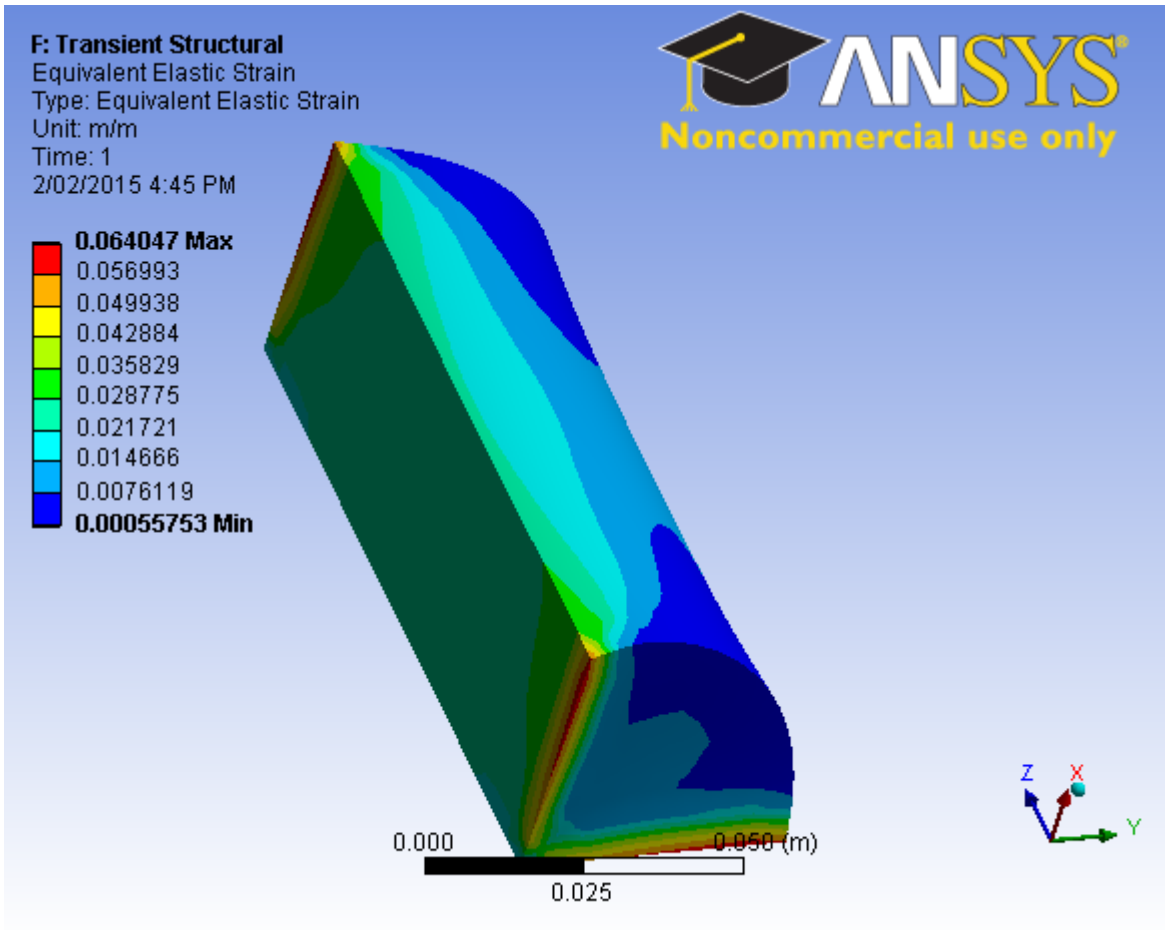
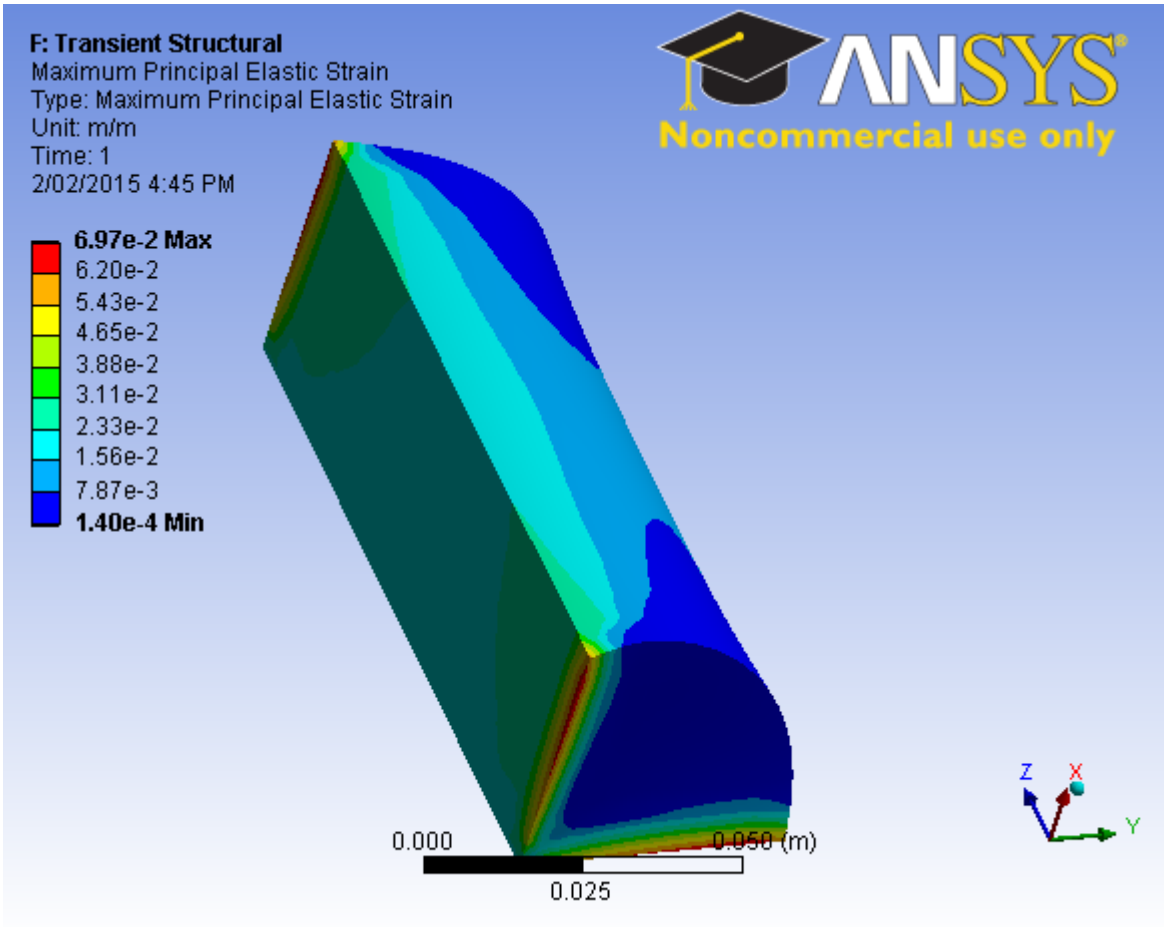
Prepared For:
Date Monday, February 02, 2015
Comments:



Maximum Principal Elastic Strain

Subject:
Author:
Prepared For:
Date Monday, February 02, 2015
Comments:



Vector Principal Elastic Strain

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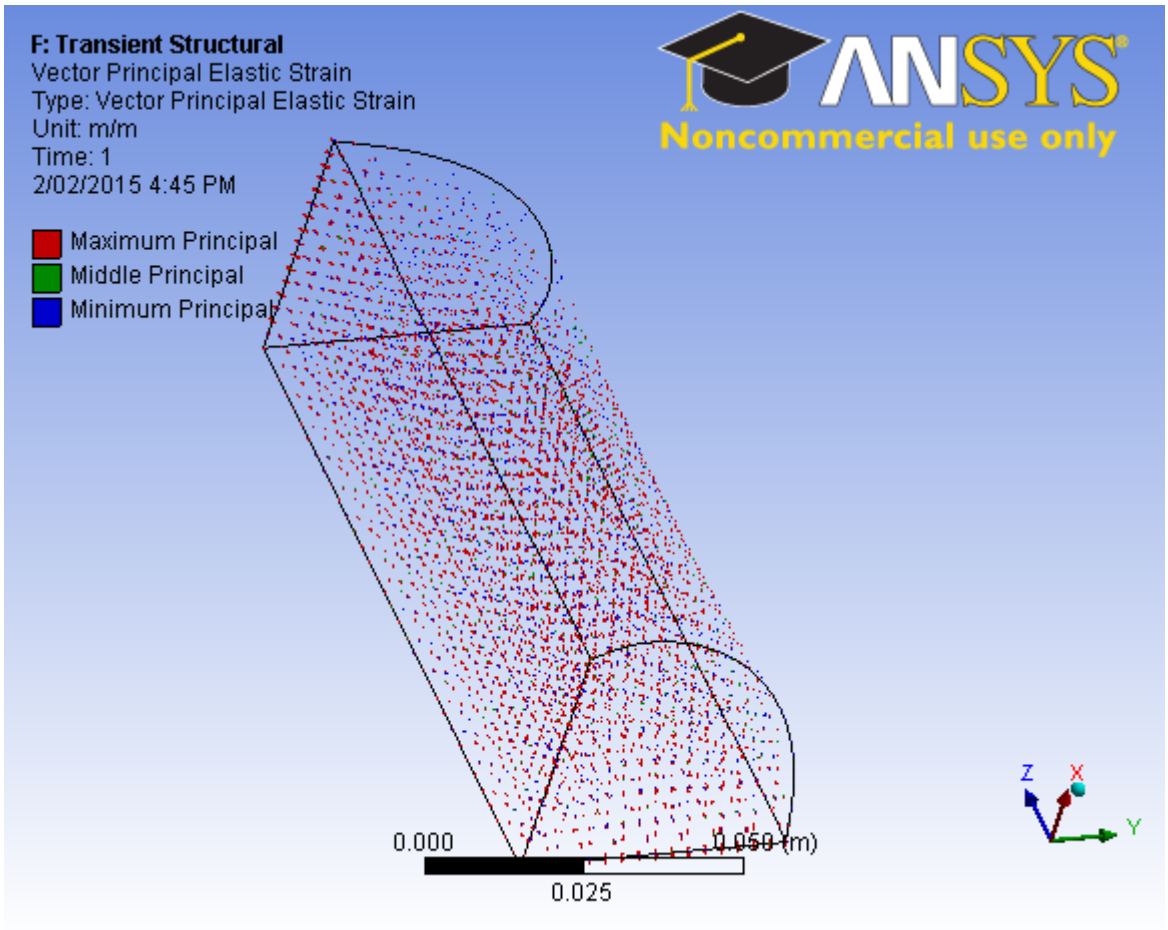
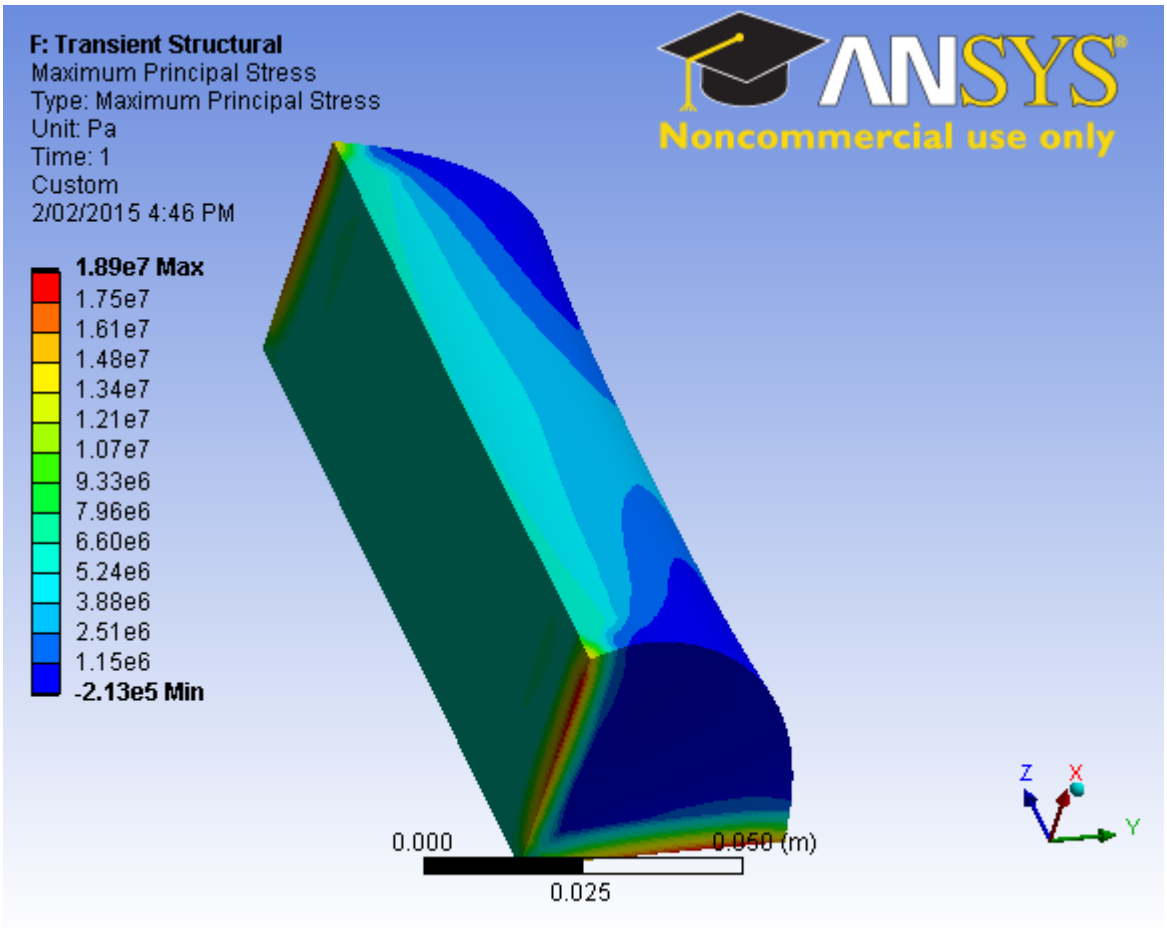
Author:
Prepared For:
Date Monday, February 02, 2015
Comments:



Maximum Principal Stress

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Comments: