Office of Environmental Management – Grand Junction

UMTRA Project

Revised Remedial Action Plan and Site Design for Stabilization of Moab Title I Uranium Mill Tailings at the Crescent Junction, Utah, Disposal Site

Attachment 5: Field and Laboratory Results, Volume II

June 2007

U.S. Department of Energy

Office of Environmental Management

Work Performed Under DOE Contract No. DE–AC01–02GJ79491
for the U.S. Department of Energy Office of Environmental Management.
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Remedial Action Plan and Site Design for Stabilization of Moab Title I Uranium Mill Tailings at the Crescent Junction, Utah , Disposal Site

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Calculation Cross-Reference Guide

Location	Calculation Number	Calculation Title
Attachment 1: Disposal Cell Design Specifications		
Appendix A	MOA-02-08-2006-5-19-01	Freeze/Thaw Layer Design
Appendix B	MOA-02-08-2006-5-13-01	Radon Barrier Design Remedial Action Plan
Appendix C	MOA-02-05-2007-5-17-02	Slope Stability of Crescent Junction Disposal Cell
Appendix D	MOA-02-05-2007-3-16-01	Settlement, Cracking, and Liquefaction Analysis
Appendix E	MOA-02-09-2005-2-08-01	Site Drainage – Hydrology Parameters
Appendix F	MOA-02-06-2006-5-08-00	Crescent Junction Site Hydrology Report
Appendix G	MOA-02-04-2007-5-25-02	Diversion Channel Design, North Side Disposal Cell
Appendix H	MOA-02-08-2006-6-01-00	Erosional Protection of Disposal Cell Cover
Appendix I	MOA-01-06-2006-5-02-01	Volume Calculation for the Moab Tailings Pile
Appendix J	MOA-02-08-2006-5-03-00	Weight/Volume Calculation for the Moab Tailings Pile
Appendix K	MOA-01-08-2006-5-14-00	Average Radium-226 Concentrations for the Moab Tailings Pile
Attachment 2: Geology		
Appendix A	MOA-02-04-2007-1-05-01	Site and Regional Geology – Results of Literature Research
Appendix B	MOA-02-04-2007-1-01-01	Surficial and Bedrock Geology of the Crescent Junction Disposal Site
Appendix C	MOA-02-04-2007-1-06-01	Site and Regional Geomorphology – Results of Literature Research
Appendix D	MOA-02-04-2007-1-07-01	Site and Regional Geomorphology – Results of Site Investigations
Appendix E	MOA-02-04-2007-1-08-01	Site and Regional Seismicity – Results of Literature Research
Appendix F	MOA-02-04-2007-1-09-02	Site and Regional Seismicity – Results of Maximum Credible Earthquake Estimation and Peak Horizontal Acceleration
Appendix G	MOA-02-04-2007-1-02-01	Photogeologic Interpretation
Attachment 3: Ground Water Hydrology		
Appendix A	MOA-02-02-2006-2-07-00	Saturated Hydraulic Conductivity Determination of Weathered Mancos Shale
Appendix B	MOA-02-03-2006-2-10-00	Field Permeability "Bail" Testing
Appendix C	MOA-02-03-2006-2-06-00	Field Permeability "Packer" Testing
Appendix D	MOA-02-04-2006-2-03-00	Hydrologic Characterization – Ground Water Pumping Records
Appendix E	MOA-02-05-2006-2-13-00	Hydrologic Characterization – Vertical Travel Time to Uppermost (Dakota) Aquifer
Appendix F	MOA-02-02-2007-3-01-00	Geochemical Characterization – Radiocarbon Age Determinations for Ground Water Samples Obtained From Wells 0203 and 0208
Appendix G	MOA-02-06-2007-2-14-00	Hydrologic Characterization – Lateral Spreading of Leachate
Attachment 4: Water Resources Protection		
Appendix A	MOA-02-06-2006-5-24-00	Material Placement in the Disposal Cell
Appendix B	MOA-02-06-2006-3-05-00	Geochemical Attenuation and Performance Assessment Modeling
Attachment 5: Field and Laboratory Results, Volume I		
Appendix A	MOA-02-03-2006-1-03-00	Corehole Logs for the Crescent Junction Site
Appendix B	MOA-02-03-2006-1-11-00	Borehole Logs for the Crescent Junction Site
Appendix C	MOA-02-03-2006-1-04-00	Geophysical Logs for the Crescent Junction Site
Appendix D	MOA-02-03-2006-1-10-00	Test Pit Logs for the Crescent Junction Site
Appendix E	MOA-02-03-2006-4-01-00	Geotechnical Properties of Native Materials
Appendix F	MOA-01-06-2006-5-22-00	Cone Penetration Tests for the Moab Processing Site
Appendix G	MOA-02-05-2006-4-07-00	Seismic Rippability Investigation for the Crescent Junction Site
Appendix H	MOA-02-03-2007-3-04-01	Background Ground Water Quality for the Crescent Junction Site
Appendix I	MOA-01-08-2006-4-08-00	Boring and Test Pit Logs for the Moab Processing Site
Appendix J	MOA-01-08-2006-4-09-01	Geotechnical Laboratory Testing Results for the Moab Processing Site
Appendix K	MOA-02-04-2007-4-03-01	Supplemental Geotechnical Properties of Native Materials
Attachment 5: Field and Laboratory Results, Volume II		
Appendix L	MOA-02-08-2006-1-06-00	Compilation of Geologic and Geophysical Logs
Appendix M	N/A	Radiological Assessment for Non-Pile Areas of the Moab Project Site
Appendix N	MOA-02-05-2007-4-04-00	Supplemental Geotechnical Properties of Tailings Materials from the Moab Processing Site

Attachment 5 Volume II

Table of Contents

Appendix L	Compilation of Geologic and Geophysical Logs
Appendix M	Radiological Assessment for Non-Pile Areas of the Moab Project Site
Appendix N	Supplemental Geotechnical Properties of Tailings Materials from the Moab Processing Site

U.S. Department of Energy—Grand Junction, Colorado

Calculation Cover Sheet

Calc. No.: MOA-02-08-2006-1-06-00 **Doc. No.: X01879000**	**Discipline: Geologic and Geophysical Properties**	**No. of Sheets: 4**

Location: Attachment 5 Vol. II, Appendix L

Project: Moab UMTRA Project

Site: Crescent Junction Site

Feature: Compilation of Geologic and Geophysical Logs

Sources of Data:

Remedial Action Plan (RAP) calculations as referenced in the text.

Sources of Formulae and References:

COLOG, 2006. *Borehole Geophysical Logging Results, Crescent Junction Disposal Site, Crescent Junction, Utah,* prepared for S.M. Stoller by COLOG division of Lane Christenson Company, Lakewood, Colorado, January.

Preliminary Calc. ☐ **Final Calc.** ☒ **Supersedes Calc. No.**

Author:	Craig Goodknight 31 May 07 Name Date	**Checked by:**	31 May 07 Name Date
			Craig Goodknight 31 May 07 Name Date
Approved by:	5/31/07 Name Date		5-31-07 Name Date
			May 31, 07 Name Date

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Problem Statement:

Preliminary site selection performed jointly by the U.S. Department of Energy (DOE) and the Contractor identified a 2,300-acre withdrawal area in the Crescent Flat area just northeast of Crescent Junction, Utah, as a possible site for final disposal of the Moab uranium mill tailings. The proposed disposal cell would cover approximately 250 acres. Based on the preliminary site-selection process, the suitability of the Crescent Junction Disposal Site is being evaluated from several technical aspects, including geomorphic, geologic, hydrologic, seismic, geochemical, and geotechnical. The objective of this calculation set is to present a compilation and comparison of all logs related to the ten coreholes drilled at the Crescent Junction Disposal Site.

These data will be incorporated into Attachment 5 of the *Remedial Action Plan and Site Design for Stabilization of Moab Title I Uranium Mill Tailings at Crescent Junction, Utah, Site* (RAP) and summarized in appropriate sections of the *Remedial Action Selection Report* (RAS) for the Moab Site.

Method of Solution:

Ten coreholes (0201 through 0210) were drilled to depths of approximately 300 feet (ft) into the Mancos Shale between September and December 2005 at the Crescent Junction Disposal Site (Figure 1). Soil and core (rock) samples were logged in the field. Soil was described by the Unified Soil Classification System and by the Munsell Soil Color Charts. The lithology of the core was described and color was classified by use of the Rock Color Chart. Field logs were digitized and standardized using the gINT computer software program (see the "Corehole Logs" calculation in RAP Attachment 5, Vol. I, Appendix A).

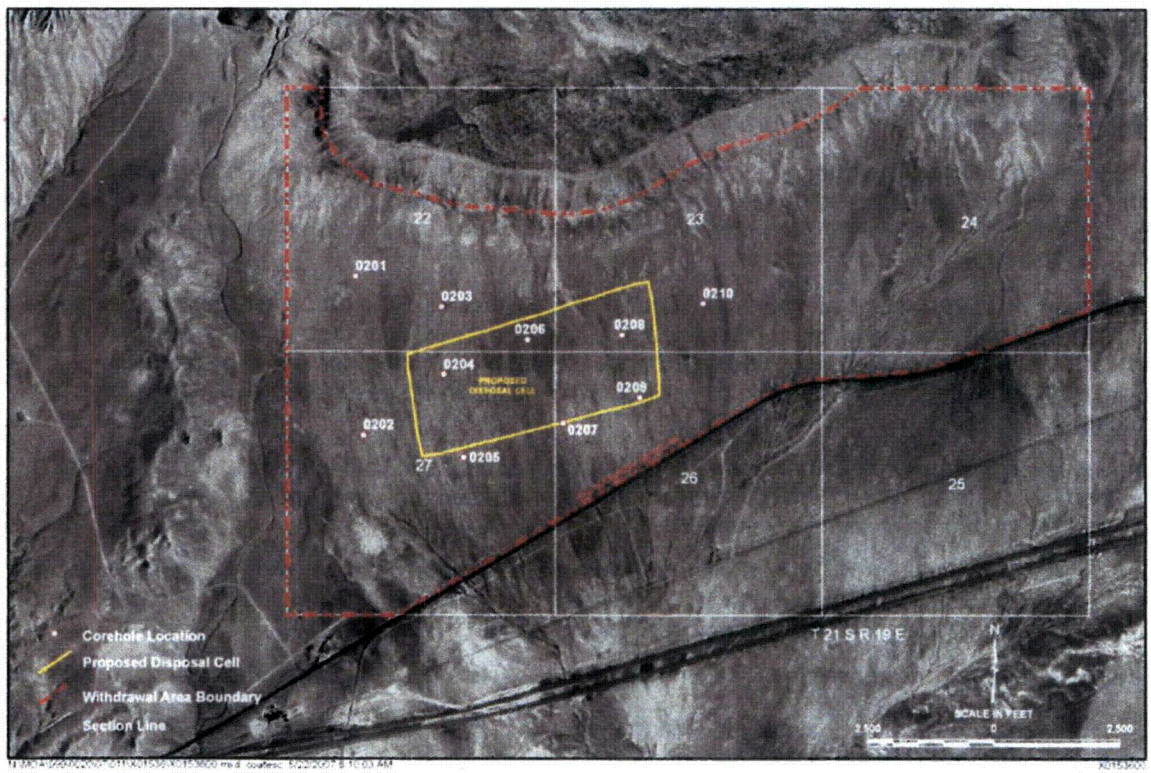

Figure 1. Location of Deep Coreholes at the Crescent Junction Site

Geophysical logging of the ten coreholes at the Crescent Junction Disposal Site was performed by COLOG (2006) during December 2005 (see the "Geophysical Logs" calculation in RAP Attachment 5, Vol. I, Appendix C), and included an optical and acoustic televiewer, compensated density, neutron, gamma, caliper, and induction tools.

The objectives of the geophysical investigation were to: (1) identify relative shale or clay content, (2) identify dip and dip-direction of bedding, (3) identify dip and dip-direction of fractures, (4) establish rock quality designation (RQD) values, and (5) identify relative moisture content or water saturation.

Assumptions:

Not applicable.

Calculation:

Not applicable.

Discussion:

All of the logs generated during the field investigation are accessible as plates in Appendix A of this calculation (one for each corehole), correlated by depth and elevation. Lithological descriptions are based on logging of the core in the field and later digitizing the information using the gINT computer software program.

Descriptions of the various geophysical logs and interpretive uses are discussed in the COLOG (2006) geophysical report. Geophysical logging results are also presented in that report for each corehole logged. The geophysical logs on the attached plates are generally used as follows:

- The optical televiewer is based on direct optical observation of the borehole wall face. Precise measurements of dip angle and direction of bedding and joint planes, along with other geological analyses, are possible in both air and clear fluid filled boreholes.
- The acoustic televiewer is used below fluid level and provides a detailed, oriented image of acoustic reflections from the borehole wall.
- The caliper log represents the average borehole diameter determined by the extension of three spring-loaded arms.
- The principle behind density logging is the detection of Compton-scattered gamma rays that originate from a small radioactive source housed in the probe. The intensity of the radiation reflected back to the detectors is primarily a function of the bulk density of the media in which the gamma rays are introduced and scattered.
- High-energy neutrons generated by a radioactive source housed in the probe interact with the media surrounding the probe, including the borehole fluid and formation. The neutron count rate can be related to total water content surrounding the tool. Because total water content in a saturated formation is affected by clay content, lower neutron count rates are associated with higher clay content.
- The induction resistivity measurement is made by using a magnetic field to induce electric current in the material being surveyed. The magnitude of these electric currents is proportional to the conductivity of the media being measured.
- The natural gamma log provides a measurement recorded in counts per second, which is proportional to the natural radioactivity of the formation. This log is used principally for lithologic identification and stratigraphic correlation, with a depth of investigation typically 10 to 12 inches.
- The RQD gives a quantitative classification of rock mass solidarity related to the amount of fracturing.

Identification and correlation of geologic units on the plates are based on interpretation of varying factors and predominant features on several of the logs.

Conclusion and Recommendations:

Not applicable.

Computer Source:

Not applicable.

Appendix A

Log Composites CRJ01-0201 Through CRJ01-0210

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DOE-EM/GJ901-2005

Radiological Assessment for Non-Pile Areas of the Moab Project Site

August 2005

U.S. Department of Energy

Office of Environmental Management

Work Performed Under DOE Contract No. DE-AC01-02GJ79491
for the U.S. Department of Energy Office of Environmental Management.
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Field Services Section

Radiological Assessment for

Non-Pile Areas of the Moab Project Site

Submitted: August 17, 2005

Prepared By
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2597 B ¾ Road
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Under Contract With
The U.S. Department of Energy

Contents

1.0 Introduction 2
2.0 Background Gamma Exposure-Rate and Radiologic Determinations 2
3.0 Gamma Exposure-Rate Survey 3
4.0 Radon/Radon Decay-Product Concentration (RDC) Measurements 3
5.0 In-Situ Radiologic Measurements and Soil Samples 3
6.0 Estimated Extent of Contamination 5
7.0 Remedial Action Recommendations 8
8.0 Suspected Hazardous Residual Radioactive Material Investigation 8

Tables

Table 1. Moab Project Site (Non-Pile Areas) Radium Concentration Data
Table 2. Moab Project Site (Non-Pile Areas) Laboratory Analysis for Total Uranium and Thorium-230 Concentrations Data

Plates

Plate 1. Extent of Contamination Map Based on Surface (5 pCi/g Ra-226) and Subsurface (15 pCi/g Ra-226) Cleanup Criteria
Plate 2. Radiological Assessment Analytical Results for Total Uranium (pCi/g)
Plate 3. Radiological Assessment Analytical Results for Thorium-230 (pCi/g)

Executive Summary

1.0 Introduction

This assessment report includes all of the land located within the project boundaries of the Moab Project Site, excluding the tailings pile, located at 2021 North Highway 191, Moab, Utah.

Following procedures described in the *Field Services Procedures Manual* (STO 203), radiological data were collected from November 2001 through February 2005, and evaluated to estimate the extent of contamination from residual radioactive material (RRM) in excess of the U.S. Environmental Protection Agency (EPA) "Health and Environmental Protection Standards for Uranium and Thorium Mill Tailings" (40 CFR 192). Thorium-230 (Th-230) clean-up standards are derived from Radium-226 (Ra-226) clean-up standards as per U.S. Department of Energy (DOE) Order 5400.5. The sliding scale for Th-230 comes from Uranium Mill Tailings Remedial Action (UMTRA) Program protocol used on millsite clean-ups, circa 1993. The analytical results for Total Uranium, found in Table 2 are presented only for information. If DOE determines that uranium cleanup will enhance the ground water cleanup strategy, the assessment report will be amended.

The measurement techniques, instrumentation, and procedures used in this radiological assessment are based primarily on protocols developed by the DOE Office of Remedial Action and Waste Technology's Technical Measurements Center, and on field implementation experience gained from the characterization of millsites and vicinity properties for the UMTRA Program. Detailed procedures for collecting assessment soil samples and taking radiological field measurements are presented in the *Field Services Procedures Manual* (STO 203). Samples submitted to subcontract laboratories were analyzed using approved procedures as specified in the *DOE Integrated Contractor Procurement Team Statement of Work for Laboratory Analytical Services.*

2.0 Background Gamma Exposure-Rate and Radiologic Determinations

The background gamma exposure-rate and Ra-226 concentration for the Moab Project Site was determined during the radiological characterization conducted in November 2001. Four off-site sample locations were selected to collect background data, located north, south, east, and west of the Moab Project Site. Two sample points were collected at each of the off-site locations. Measurements were collected using the Mount Sopris SC-132 crutch scintillometer, Bendix EL-0018B delta scintillometer, and a Bicron microrem exposure rate meter. Two 0-6" soil samples were also collected at each off-site background location and analyzed through the analytical lab for Ra-226, Th-230, and total uranium concentrations. All of the off-site background locations were also physically located using the Trimble GPS unit, for mapping purposes. This study concluded that the average background gamma exposure-rate measurement is 12 microroentgens per hour (μR/h), and that the background Ra-226 concentration is 1.0 picocurie per gram (pCi/g), Total Uranium is 1.2 pCi/g, and Th-230 is 0.47 pCi/g.

3.0 Gamma Exposure-Rate Survey

Discrete ground-level and waist-level gamma exposure-rate readings were collected at approximately 30-foot intervals across the exterior surface area of this property. In certain areas of interest, additional gamma exposure rate readings were collected at smaller grid spacings when required to adequately characterize the area.

All gamma exposure rate measurements were collected with Mount Sopris (Model SC 132) scintillation detectors. These instruments measure gross-gamma in counts per second and were cross-correlated with a pressurized ionization chamber to determine the correction factors used to convert the raw data to true gamma exposure rates, μR/h.

3.1 Exterior

Exterior ground-level gamma exposure rates measured on this property range from 14 μR/h to 4,500 μR/h.

3.2 Interior

General interior ground-level gamma exposure rates measured in the former office/lab/warehouse building (grid maps RN and SN) are 14 μR/h to 28 μR/h.

4.0 Radon/Radon Decay-Product Concentration (RDC) Measurements

RDC measurements are in the process of being collected in the former office/lab/warehouse building. The results of those measurements collected between January 2003 and October 2004 range from 0.008 working level (WL) to 0.022 WL. The average of the measurements are within acceptable criteria as set forth in 40 CFR 192.12[b]. The protocol and procedures for collection of the Alpha Track measurements and the subsequent results may have been compromised due to the ventilation measures that were employed in the warehouse building during the radon data collection periods. Ventilation would have caused the readings to be lower than expected in a normally occupied structure.

5.0 In-Situ Radiologic Measurements and Soil Samples

Plates 1 through 3 show the locations where subsurface borings and test pits were made, with the related radiological data presented in Tables 1 and 2. Ra-226 concentrations, as determined by the methods used in these characterizations, range from less than 1.0 to 1,283 pCi/g. Total Uranium concentrations range from less than 1.0 to 1,154 pCi/g and Th-230 concentrations range from less than 1.0 to 779 pCi/g. Brief descriptions of these measurement types are discussed in the following subsections:

5.1 Borehole Gamma Logging

Boreholes were drilled and gamma logged at approximately 90-foot intervals across the property (excluding the tailings pile) where physical conditions permitted. The boreholes were evaluated to determine if contamination exceeding

EPA guidelines was present below the surface 6-inch soil layer. All of the boreholes were drilled from surface to a depth where undisturbed native soils were encountered or where readings dropped to background values.

Boreholes were drilled using either a portable gasoline-powered auger or ATV-mounted hydraulic auger. Both methods used augers measuring 4.5 inches in diameter. Eberline E-600 scalers equipped with SPA-3 sodium iodide gamma detectors were used to log the holes in 6 to 12-inch depth intervals. The gamma counts were accumulated for 30 seconds at each interval. These readings were then reduced to Ra-226 concentrations (pCi/g) by applying conversion factors determined during instrument calibration.

Borehole gamma logging was also accomplished through the use of the Geoprobe Hydraulic Hammer-Drill (Geoprobe®). The Geoprobe is a vehicle-mounted, hydraulically operated hammer-drill capable of pushing hollow casing into the ground. Eberline (Model E-600) scalers, equipped with Bicron or Alpha-Spectra sodium iodide "pipe monitor" gamma detectors, were used to log the holes in 6 to 12-inch depth intervals. The gamma counts were accumulated for 60 seconds at each interval through the hollow casing. Where soil conditions permitted, the casing was removed and gamma counts were collected from the open borehole. These readings were then reduced to Ra-226 concentrations (equivalent pCi/g) by applying conversion factors determined during instrument calibration. An attenuation factor was also applied if readings were taken through the hollow steel casing.

5.2 Soil Samples

Soil samples were collected from 6-inch-thick soil layers using specially designed shovels to yield samples of equal vertical cross-section, size, and volume. For prompt radium concentration determinations, the soil samples collected were analyzed using the Opposed Crystal System (OCS). Of the total number of OCS soil samples analyzed, 10 percent were submitted to approved Analytical Laboratories as quality control samples to ensure the validity and accuracy of the OCS values, according to guidelines described in the *Field Services Procedures Manual* (STO 203), Procedure 4.

Total Uranium samples were analyzed on-site utilizing a High-Purity Germanium (HPGe) detector with the NOMAD (Model 92X-P) Gamma Spectroscopy system following guidelines described in the *Field Services Procedure Manual* (STO 203), Procedure 8. The sample analyses from this system were used as semi-quantitative type field measurements to aid the radiological technicians in interpreting borehole gamma log readings. Final quantitative sample analyses (Typically 5–10% of the total number of samples or as required) of Total Uranium and Th-230 are from approved Analytical Laboratories and analyzed by ICP mass spectrometry or alpha spectrometry, respectively.

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6.0 Estimated Extent of Contamination

All radiological data available for this property were reviewed and evaluated according to guidelines described in the *Field Services Procedures Manual* (STO 203). The results of this evaluation indicate this property is contaminated with concentrations of Ra-226 exceeding the EPA guidelines for the first 6-inch-thick soil layer. The data collected indicate Ra-226 concentrations also exceed EPA radium guidelines for subsurface soil layers to a maximum depth of 240 inches.

6.1 Exterior

Plate 1 is an isopach contour map showing the estimated boundaries and associated depths of Ra-226 contamination determined for soil layers. Tables 1 and 2 show the Ra-226, Total Uranium, and Th-230 soil concentrations and associated depths at specific locations where samples and/or measurements were collected. Specific areas of contamination are discussed below:

The majority of the property adjacent to the north and south sides of North Highway 191 is contaminated with up to 12 inches of windblown contamination. Contamination is also adjacent to the roadbed in the utility corridors on the south side of North Highway 191. Contamination was remediated along a portion of the North Highway 191 right-of-way corridor (grid maps SI, SJ, SK, TI, TJ, and TK) in March and April of 2003. Additional clean up of the off-site right-of-way corridor was performed by the Utah Department of Transportation in August and September of 2003. During the excavation of the contaminated soils in the roadbed at the intersection of North Highway 191 and Highway 279 (Potash Road), contamination was documented going beneath the asphalt roadway at a depth of 72 inches and greater. Based on borehole data collected adjacent to Highway 279, approximately 800 feet of the highway has contaminated soils adjacent and possibly beneath the asphalt (grid maps SF, SG, TF, and TG).

Soil samples were collected of contaminated, windblown soil, on the surface of the asphalt parking lot and bike trail (old highway 191) (grid maps UL through UR, VO, and VP) which exceeds EPA surface standards (up to 35 pCi/g Ra-226) and was primarily wind-deposited in the cracks of the old and deteriorated portions of the described asphalt surfaces. If the contaminated soils were removed from the deteriorated asphalt surface, the subsequent asphalt and base materials appeared to be un-contaminated. A National Park Service (NPS) hiking trail which starts at this same parking lot and goes east to the end of the project boundary (grid maps VQ and VR) had contamination identified along the trail. It appears the contamination spills over to the east, into Courthouse Wash, along the north side of North Highway 191. Contamination identified on the north side of North Highway 191 spills over to the north on to NPS property.

Several major utilities, including underground gas, electric, fiber optic, and phone, cross the property on the south side of North Highway 191. Contamination is associated with all of these buried utilities based on elevated gamma readings recorded over the surface of the utilities. No holes were drilled within 30 feet of

these lines, so assessment data represent surface gamma and are interpolated between the closest boreholes.

There are a number of flood control dikes on the east side of the property that have been constructed using low-grade uranium ore as part of the fill material that exceeds standards. This same material was used in building the banks of the fresh water storage ponds (grid maps QO and RO). The dry storage pond, to the east, was constructed using a bentonite clay liner. Boreholes in the bottom of the dry pond indicate contamination beneath the bentonite liner to a depth of 120 inches. Another abandoned, dry pond was found in the dense brushy growth just to the east of the two storage ponds. The banks of this pond were also constructed using contaminated soils.

A very large area, located east and north of Moab Wash, (grid maps NM, NN, NO, OM, ON, OO, PL, PM, PN, PO, and QL) was used as a trash disposal area for the millsite and laboratory and contains associated debris and waste, some of which is extremely radioactive and contaminated (Ra-226 to 437 pCi/g, Uranium to 1,154 pCi/g, and Th-230 to 779 pCi/g). Some of the waste material was excavated and removed (former Trustee operations) but a sizeable amount is still present on the surface and buried in this area and is evident within the banks of the flood control dikes for Moab Wash (grid maps NM, NN, OL, OM, PL, PM, and QL). Buried waste and trash was also found beneath the river dike (grid maps NO and OO) and extending to the banks of the Colorado River. Boreholes indicated contamination on the riverside of the dike to a depth of 186 inches.

An additional trash disposal area was found on the south side of Moab Wash (grid maps MM and MN). Contamination was found to a depth of 72 inches.

During field investigations of grid maps QM and PM, a strong petroleum odor was detected in a number of boreholes. In a few of the boreholes, a black organic layer of soil was evident to a depth of 114 inches. This information has been forwarded to the Environmental Services Group.

Contaminated material was used in the backfill in and around the culvert in the vehicle crossing of Moab Wash on grid map QL.

Two historical settling ponds that were located between the east side of the tailings pile and Moab Wash were backfilled during the former Trustee capping operations and now lie beneath the access road to the top of the tailings pile. Borehole data indicates the presence of contamination to a depth of 192 inches (grid maps OM and NM).

The area to the southeast of the tailings pile, in the stressed tamarisk forest surrounding the Barium-Chloride settling pond, was found to be highly contaminated with RRM. Ra-226 and Uranium concentrations exceeding 1,000 pCi/g were found throughout this area. This contaminated material consists of a very fine-grained soil matrix. Contamination in this area spills over to the adjacent private property to the south, however, at lower concentrations.

The poles for the large overhead electric lines, located on the western side of the tailings pile, are embedded in contaminated soils. Contamination was evident in boreholes to a depth of 240 inches in this area. Of the remaining utility poles that are within the project site boundaries, all are, to some degree, buried in contaminated soils ranging in depth from 6 to 120 inches.

Windblown contamination and uranium ore was found on the west side of Highway 279. Large portions of this area could not be investigated due to the steep terrain and limited access conditions that are present. Data was only collected in the accessible areas and is presented in this report. Contamination also spills over to the adjacent Bureau of Land Management property, located north of the project boundary.

During the field investigations, it was discovered that the site perimeter fence posts were constructed using process pipe from the millsite. A gamma scintillometer was used to determine how many of these fence posts contained residual radioactive material (process related) inside the pipe. Twenty-one fence posts were identified as being contaminated and were physically located using a Trimble® Global Positioning System and are shown in Plate 1. The map coordinates for each individual contaminated fence post can be found in Table 1.

Windblown contamination and uranium ore was found in the Union Pacific Railroad right-of-way. Contaminated material was identified in the railroad track beds, in the 100-foot right-of-way, and in and around a metal framed building up to a depth of 18 inches. Fixed contamination was also identified on a metal-framed hoist, electric hoist motor, and concrete foundation of the hoist (grid maps OE and PE).

Contamination has also been identified beneath the asphalt, project site entrance driveway, and the parking lot for the project site support trailers. Contamination depths range from 6 to 18 inches for these areas. A contaminated (fixed contamination) 8-inch diameter steel pipe (process-related) was identified on the south side of the support parking lot. The pipe is approximately 156 feet long and was fixed to the asphalt using concrete anchors below the asphalt surface.

6.2 Interior

The gamma exposure rate in the warehouse ranged from 17–754 μR/h. The high gamma was attributed to a radium needle that was stored in the south end of the building in the RMMA, at the time of the assessment survey. Several radioactive sources are also stored in the same area. Elevated gamma readings were also found in the north end of the warehouse in the concrete floors of the garage and shop areas, and in the stem walls of the boiler room. Gamma exposure rates ranged from 17–58 μR/h for these areas. Subsurface radiologic measurements were not collected inside the building and the extent of contamination is undetermined at this time. Contamination up to 12-inches deep appears to extend up to the exterior of the building.

7.0 Remedial Action Recommendations

7.1 Exterior

Exterior contamination (Plate 1) should be removed to meet EPA standards and other applicable standards established for the Moab Project.

7.2 Interior

Insufficient information is available to make a determination at this time.

8.0 Suspected Hazardous Residual Radioactive Material Investigation

All wastes generated within the boundary of the posted contamination area (CA) is considered RRM. For the purposes of this report, suspected hazardous RRM refers to RRM suspected of containing a hazardous or toxic component other than radioactivity. A formal suspected hazardous RRM investigation has not been performed on this property at this time. Such materials may be encountered in trash disposal areas and areas with a petroleum odor that were previously noted in this report (Section 6.1).

Table 1: Moab Project Site (Non-Pile Areas) Radium Concentration Data

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0001	S210,M000	0	0	TC	17.83	12
		6	6	TC	7.67	
		12	12	TC	3.85	
		18	18	TC	2.45	
		24	24	TC	2.37	
		36	36	TC	0.23	
		48	48	TC	2.26	
		60	60	TC	2.49	
		72	72	TC	2.43	
R0002	S211,M090	0	0	TC	32.40	18
		6	6	TC	87.15	
		12	12	TC	57.01	
		18	18	TC	10.33	
		24	24	TC	4.60	
		36	36	TC	2.57	
		48	48	TC	2.38	
		60	60	TC	2.48	
		72	72	TC	2.59	
		84	84	TC	2.94	
R0003	S210,M179	0	0	TC	13.01	18
		6	6	TC	20.59	
		12	12	TC	15.14	
		18	18	TC	4.51	
		24	24	TC	2.77	
		36	36	TC	2.31	
		48	48	TC	2.29	
		60	60	TC	2.33	
		72	72	TC	2.39	
		84	84	TC	2.60	
R0004	S209,M270	0	0	TC	8.46	12
		6	6	TC	5.65	
		12	12	TC	2.85	
		18	18	TC	2.40	
		24	24	TC	2.07	
		48	48	TC	2.02	
		60	60	TC	2.16	
		72	72	TC	2.19	
		84	84	TC	2.28	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0005	S209,M360	0	0	TC	9.90	12
		6	6	TC	11.73	
		12	12	TC	8.48	
		18	18	TC	2.68	
		24	24	TC	2.03	
		36	36	TC	1.96	
		48	48	TC	1.82	
		60	60	TC	1.67	
		72	72	TC	1.77	
		84	84	TC	1.93	
		96	96	TC	2.26	
		108	108	TC	2.15	
R0006	S209,M449	0	0	TC	7.66	12
		6	6	TC	5.31	
		12	12	TC	3.29	
		18	18	TC	1.92	
		24	24	TC	1.86	
		36	36	TC	1.88	
		48	48	TC	1.67	
		60	60	TC	1.66	
		72	72	TC	1.76	
		84	84	TC	2.01	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0007	S120,M449	0	0	TC	34.49	36
		6	6	TC	124.49	
		12	12	TC	166.68	
		18	18	TC	52.57	
		24	24	TC	29.64	
		30	30	TC	16.74	
		36	36	TC	13.43	
		42	42	TC	11.35	
		48	48	TC	9.78	
		54	54	TC	9.08	
		60	60	TC	9.07	
		66	66	TC	8.81	
		72	72	TC	8.30	
		78	78	TC	7.68	
		80	92	OC	7.46	
		80	92	SS	7.74	
		84	84	TC	7.18	
		90	90	TC	7.36	
		96	96	TC	7.02	
		102	102	TC	6.14	
		108	108	TC	6.20	
		114	114	TC	6.10	
		120	120	TC	5.82	
		126	126	TC	5.22	
		132	132	TC	4.78	
		138	138	TC	4.75	
		144	144	TC	4.84	
R0008	S119,M359	0	0	TC	30.81	36
		6	6	TC	73.84	
		12	12	TC	59.02	
		18	18	TC	60.11	
		24	24	TC	59.27	
		30	30	TC	43.20	
		36	36	TC	14.91	
		42	42	TC	7.79	
		42	54	OC	1.92	
		42	54	SS	0.74	
		48	48	TC	5.42	
		60	60	TC	4.60	
		72	72	TC	4.26	
		84	84	TC	5.42	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0009	S118,M268	0	0	TC	37.51	42
		6	6	TC	59.02	
		12	12	TC	45.71	
		18	18	TC	35.16	
		24	24	TC	38.34	
		30	30	TC	36.92	
		36	36	TC	21.77	
		42	42	TC	7.84	
		42	54	SS	13.75	
		42	54	OC	14.70	
		48	48	TC	4.72	
		60	60	TC	3.41	
		72	72	TC	3.36	
		84	84	TC	3.68	
R0010	S118,M181	0	0	TC	33.40	36
		6	6	TC	83.55	
		12	12	TC	38.68	
		18	18	TC	18.92	
		24	24	TC	15.82	
		30	30	TC	18.92	
		36	36	TC	12.55	
		42	42	TC	7.55	
		48	48	TC	5.49	
		60	60	TC	3.18	
		72	72	TC	2.94	
		84	84	TC	2.96	
R0011	S120,M089	0	0	TC	11.78	18
		6	6	TC	13.93	
		12	12	TC	17.08	
		18	18	TC	12.48	
		24	24	TC	8.80	
		30	30	TC	6.48	
		36	36	TC	5.98	
		42	42	TC	3.87	
		48	48	TC	3.06	
		60	60	TC	2.82	
		72	72	TC	2.88	
		84	84	TC	2.62	
R0012	S120,L447	0	0	TC	6.89	6
		6	6	TC	2.42	
		12	12	TC	2.18	
		18	18	TC	2.08	
		24	24	TC	2.17	
		36	36	TC	2.29	
		48	48	TC	2.57	
		60	60	TC	2.49	
		72	72	TC	2.53	
		84	84	TC	2.39	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0013	S031,L448	0	0	TC	8.11	6
		6	6	TC	4.84	
		12	12	TC	3.28	
		18	18	TC	2.48	
		24	24	TC	2.48	
		36	36	TC	2.31	
		48	48	TC	2.44	
		60	60	TC	2.13	
		72	72	TC	2.03	
		84	84	TC	2.10	
		96	96	TC	1.97	
		108	108	TC	2.07	
R0014	S032,M090	0	0	TC	15.55	24
		6	6	TC	23.86	
		12	12	TC	27.88	
		18	18	TC	16.17	
		24	24	TC	11.63	
		30	30	TC	6.19	
		36	36	TC	4.48	
		48	48	TC	3.54	
		60	60	TC	3.02	
		72	72	TC	2.94	
		84	84	TC	2.93	
R0015	S030,M178	0	0	TC	6.47	6
		6	6	TC	3.47	
		12	12	TC	2.64	
		18	18	TC	2.29	
		24	24	TC	2.48	
		36	36	TC	2.49	
		48	48	TC	2.34	
		60	60	TC	2.10	
		72	72	TC	2.07	
		84	84	TC	2.02	
R0016	S030,M270	0	0	TC	10.79	12
		6	6	TC	11.97	
		12	12	TC	14.10	
		18	18	TC	10.07	
		24	24	TC	6.45	
		30	30	TC	6.38	
		36	36	TC	9.18	
		36	48	OC	3.75	
		36	48	SS	4.11	
		42	42	TC	13.77	
		48	48	TC	12.27	
		54	54	TC	4.58	
		60	60	TC	3.15	
		72	72	TC	2.82	
		84	84	TC	2.78	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0017	S029,M360	0	0	TC	7.33	12
		6	6	TC	5.64	
		12	12	TC	3.73	
		18	18	TC	3.06	
		24	24	TC	2.96	
		36	36	TC	2.61	
		48	48	TC	2.38	
		60	60	TC	2.11	
		72	72	TC	2.18	
		84	84	TC	2.41	
R0018	S030,M449	0	0	TC	9.60	66
		6	6	TC	11.91	
		12	12	TC	14.25	
		18	18	TC	15.31	
		24	24	TC	11.19	
		30	30	TC	10.60	
		36	36	TC	11.33	
		42	42	TC	15.72	
		48	48	TC	18.92	
		54	54	TC	28.46	
		60	60	TC	41.02	
		66	66	TC	8.61	
		66	78	OC	3.60	
		66	78	SS	4.45	
		72	72	TC	5.47	
		78	78	TC	6.12	
		84	84	TC	6.76	
		90	90	TC	6.32	
		96	96	TC	4.27	
		102	102	TC	2.99	
		108	108	TC	2.84	
		114	114	TC	2.80	
R0019	R308,M449	0	0	TC	8.13	12
		6	6	TC	5.17	
		12	12	TC	4.65	
		18	18	TC	5.84	
		24	24	TC	6.00	
		30	30	TC	4.08	
		36	36	TC	3.45	
		48	48	TC	3.08	
		60	60	TC	3.05	
		72	72	TC	2.79	
		84	84	TC	2.62	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0020	R304,M363	0	0	TC	15.95	18
		6	6	TC	23.49	
		12	12	TC	21.77	
		18	18	TC	13.67	
		24	24	TC	11.60	
		30	30	TC	6.45	
		36	36	TC	4.81	
		48	48	TC	3.64	
		60	60	TC	3.08	
		72	72	TC	2.90	
		84	84	TC	2.84	
R0021	R298,M270	0	0	TC	6.97	6
		6	6	TC	4.29	
		12	12	TC	3.51	
		18	18	TC	2.58	
		24	24	TC	2.53	
		36	36	TC	2.39	
		48	48	TC	2.38	
		60	60	TC	2.30	
		72	72	TC	2.17	
		84	84	TC	2.28	
R0022	R300,M179	0	0	TC	9.03	6
		6	6	TC	4.43	
		12	12	TC	3.02	
		18	18	TC	2.42	
		24	24	TC	2.39	
		36	36	TC	2.32	
		48	48	TC	2.34	
		60	60	TC	2.27	
		72	72	TC	2.19	
		84	84	TC	2.12	
R0023	R299,M089	0	0	TC	3.57	6
		0	6	OC	52.83	
		6	6	TC	2.60	
		12	12	TC	2.51	
		18	18	TC	2.04	
		24	24	TC	2.10	
		36	36	TC	2.13	
		48	48	TC	2.24	
		60	60	TC	2.22	
		72	72	TC	2.41	
		84	84	TC	2.35	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0024	R298,M000	0	0	TC	17.58	12
		6	6	TC	36.92	
		12	12	TC	13.44	
		18	18	TC	3.66	
		24	24	TC	2.80	
		36	36	TC	2.32	
		48	48	TC	2.44	
		60	60	TC	2.41	
		72	72	TC	2.37	
		84	84	TC	2.03	
		96	96	TC	2.24	
		108	108	TC	2.23	
		120	120	TC	2.19	
		132	132	TC	2.36	
		144	144	TC	2.35	
		156	156	TC	2.27	
		168	168	TC	2.39	
		180	180	TC	2.22	
		192	192	TC	2.44	
		204	204	TC	2.65	
		216	216	TC	2.62	
		228	228	TC	2.80	
		234	246	SS	0.76	
		234	246	OC	3.80	
R0025	R209,M000	0	0	TC	5.93	6
		6	6	TC	4.26	
		12	12	TC	3.28	
		18	18	TC	2.55	
		24	24	TC	2.44	
		36	36	TC	2.38	
		48	48	TC	2.33	
		60	60	TC	2.43	
		72	72	TC	2.29	
		84	84	TC	2.33	
		96	96	TC	2.49	
		108	108	TC	2.27	
		120	120	TC	2.17	
R0026	R209,M090	0	0	TC	4.99	0
		6	6	TC	3.92	
		12	12	TC	3.94	
		18	18	TC	3.93	
		24	24	TC	3.62	
		36	36	TC	2.95	
		48	48	TC	2.99	
		60	60	TC	2.42	
		72	72	TC	2.45	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0027	R209,M180	0	0	TC	17.83	12
		0	6	OC	16.95	
		6	6	TC	7.67	
		12	12	TC	3.85	
		18	18	TC	2.45	
		24	24	TC	2.37	
		36	36	TC	2.26	
		48	48	TC	2.26	
		60	60	TC	2.49	
		72	72	TC	2.43	
R0028	R210,M276	0	0	TC	5.26	6
		6	6	TC	3.29	
		12	12	TC	2.85	
		18	18	TC	2.57	
		24	24	TC	2.70	
		30	30	TC	2.61	
		36	36	TC	2.79	
		42	42	TC	2.58	
R0029	R210,M360	0	0	TC	8.68	12
		6	6	TC	10.57	
		12	12	TC	10.36	
		18	18	TC	5.87	
		24	24	TC	3.65	
		36	36	TC	2.82	
		48	48	TC	2.56	
		60	60	TC	2.55	
		72	72	TC	2.54	
		84	84	TC	2.62	
R0030	R208,N000	0	0	TC	11.75	12
		6	6	TC	19.25	
		12	12	TC	13.67	
		18	18	TC	5.80	
		24	24	TC	3.94	
		36	36	TC	2.68	
		48	48	TC	2.58	
		60	60	TC	2.63	
		72	72	TC	2.42	
		84	84	TC	2.22	
		96	96	TC	2.25	
		108	108	TC	2.28	
		120	120	TC	2.22	
		132	132	TC	2.24	
		144	144	TC	2.08	
		156	156	TC	2.18	
		168	168	TC	2.48	
		180	180	TC	2.54	
		192	192	TC	2.85	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0031	S074,M400	0	0	TC	26.96	72
		6	6	TC	26.96	
		12	12	TC	23.94	
		18	18	TC	13.35	
		24	24	TC	14.33	
		30	30	TC	35.08	
		36	36	TC	32.90	
		42	42	TC	36.17	
		48	48	TC	56.93	
		54	54	TC	113.52	
		60	60	TC	63.54	
		66	66	TC	16.16	
		72	72	TC	10.77	
		78	78	TC	10.25	
		84	84	TC	10.76	
		90	90	TC	9.48	
		96	96	TC	8.13	
		102	102	TC	6.89	
		108	108	TC	6.52	
		114	114	TC	5.60	
		120	120	TC	5.39	
		132	132	TC	4.19	
		144	144	TC	3.82	
		156	156	TC	3.71	
		168	168	TC	3.58	
		180	180	TC	3.30	
		192	192	TC	3.20	
		204	204	TC	3.20	
		204	216	SS	1.56	
		216	216	TC	3.65	
		228	228	TC	4.38	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0032	S073,M315	0	0	TC	9.38	54
		6	6	TC	8.15	
		12	12	TC	8.04	
		18	18	TC	14.93	
		24	24	TC	20.68	
		30	30	TC	15.74	
		36	36	TC	17.58	
		42	42	TC	40.35	
		48	48	TC	15.11	
		48	60	SS	0.99	
		54	54	TC	4.65	
		60	60	TC	3.53	
		72	72	TC	3.25	
		84	84	TC	3.21	
		96	96	TC	3.06	
		108	108	TC	2.66	
		114	126	SS	0.76	
		120	120	TC	2.65	
		132	132	TC	2.51	
		144	144	TC	2.58	
		156	156	TC	2.61	
		168	168	TC	2.53	
		180	180	TC	2.46	
		192	192	TC	2.48	
		210	222	SS	3.94	
R0033	S073,M224	0	0	TC	9.05	6
		6	6	TC	4.50	
		12	12	TC	3.46	
		18	18	TC	2.73	
		24	24	TC	2.60	
		36	36	TC	2.64	
		48	48	TC	2.50	
		60	60	TC	2.62	
		72	72	TC	2.46	
		84	84	TC	2.50	
		96	96	TC	2.39	
		108	108	TC	2.24	
		120	120	TC	2.39	
		132	132	TC	3.48	
		144	144	TC	2.60	
		156	156	TC	2.59	
		168	168	TC	2.60	
		180	180	TC	2.63	
		192	192	TC	2.63	
		204	204	TC	1.93	
		210	222	SS	1.14	
		210	222	OC	1.22	
		216	216	TC	1.97	
		228	228	TC	2.49	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0034	S075,M135	0	0	TC	6.65	6
		6	6	TC	2.80	
		12	12	TC	2.44	
		18	18	TC	2.24	
		24	24	TC	2.29	
		36	36	TC	2.39	
		48	48	TC	2.29	
		60	60	TC	2.29	
		72	72	TC	2.25	
		84	84	TC	2.05	
R0035	S075,M046	0	0	TC	23.44	24
		6	6	TC	35.33	
		12	12	TC	28.05	
		18	18	TC	15.57	
		24	24	TC	8.03	
		30	30	TC	4.50	
		36	36	TC	3.72	
		48	48	TC	2.98	
		60	60	TC	2.70	
		72	72	TC	2.66	
		84	84	TC	2.70	
R0036	R343,M407	0	0	TC	14.68	30
		6	6	TC	16.55	
		12	12	TC	11.35	
		18	18	TC	13.86	
		24	24	TC	18.33	
		30	30	TC	14.08	
		36	36	TC	11.91	
		42	42	TC	8.50	
		48	48	TC	4.23	
		60	60	TC	3.37	
		72	72	TC	2.91	
		84	84	TC	2.79	
		96	96	TC	2.70	
		108	108	TC	2.50	
		120	120	TC	2.38	
		132	132	TC	2.48	
		144	144	TC	2.38	
		156	156	TC	2.44	
		168	168	TC	2.47	
		180	180	TC	2.48	
		192	192	TC	2.51	
		204	204	TC	2.46	
		216	216	TC	2.52	
		228	228	TC	3.72	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0037	R347,M313	0	0	TC	6.30	84
		6	6	TC	6.46	
		12	12	TC	10.96	
		18	18	TC	12.67	
		24	24	TC	14.46	
		30	30	TC	12.99	
		36	36	TC	12.63	
		42	42	TC	14.70	
		48	48	TC	21.28	
		54	54	TC	22.44	
		60	60	TC	19.14	
		66	66	TC	17.57	
		72	72	TC	12.85	
		78	78	TC	15.58	
		84	84	TC	6.99	
		90	90	TC	4.25	
		102	102	TC	3.25	
		114	114	TC	3.17	
		126	126	TC	2.83	
		138	138	TC	2.64	
		150	150	TC	2.66	
		162	162	TC	2.38	
		174	174	TC	2.87	
R0038	R345,M227	0	0	TC	34.07	24
		6	6	TC	64.10	
		12	12	TC	63.28	
		18	18	TC	23.60	
		24	24	TC	9.41	
		30	30	TC	5.36	
		36	36	TC	4.33	
		48	48	TC	3.65	
		60	60	TC	3.15	
		72	72	TC	3.04	
		84	84	TC	2.97	
		96	96	TC	2.57	
		108	108	TC	2.60	
		120	120	TC	2.55	
		132	132	TC	2.46	
		144	144	TC	2.49	
		156	156	TC	2.39	
		168	168	TC	2.15	
		180	180	TC	2.10	
		192	192	TC	2.15	
		204	204	TC	2.29	
		216	216	TC	2.95	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0039	R344,M134	0	0	TC	6.49	6
		6	6	TC	3.64	
		12	12	TC	2.87	
		18	18	TC	2.30	
		24	24	TC	2.21	
		30	30	TC	2.03	
		42	42	TC	2.02	
		54	54	TC	2.05	
		66	66	TC	2.25	
		78	78	TC	2.11	
		90	90	TC	2.19	
R0040	R347,M045	0	0	TC	23.44	12
		6	6	TC	19.59	
		12	12	TC	8.33	
		18	18	TC	3.94	
		24	24	TC	2.82	
		36	36	TC	2.52	
		48	48	TC	2.80	
R0041	S160,M380	0	0	TC	168.27	18
		6	6	TC	227.71	
		12	12	TC	36.17	
		18	18	TC	11.96	
		24	24	TC	7.02	
		36	36	TC	4.28	
		48	48	TC	11.57	
		60	60	TC	3.44	
		72	72	TC	3.26	
		84	84	TC	3.95	
		96	96	TC	3.16	
		108	108	TC	3.01	
		120	120	TC	4.90	
R0042	S160,M285	0	0	TC	68.39	12
		6	6	TC	38.53	
		12	12	TC	10.91	
		18	18	TC	5.87	
		24	24	TC	4.74	
		36	36	TC	4.15	
		48	48	TC	4.05	
		60	60	TC	3.57	
		72	72	TC	3.45	
		84	84	TC	3.19	
		96	96	TC	3.06	
		108	108	TC	2.96	
		120	120	TC	2.94	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0043	S159,M202	0	0	TC	92.15	42
		6	6	TC	348.98	
		12	12	TC	457.88	
		18	18	TC	241.72	
		24	24	TC	96.44	
		30	30	TC	50.16	
		36	36	TC	24.01	
		42	42	TC	14.00	
		48	48	TC	10.87	
		54	54	TC	10.29	
		60	60	TC	6.89	
		66	66	TC	5.78	
		72	72	TC	5.41	
		78	78	TC	5.32	
		84	84	TC	5.52	
		90	90	TC	4.27	
		102	102	TC	4.18	
		114	114	TC	3.98	
		126	126	TC	4.41	
R0044	S147,N031	0	0	TC	20.68	30
		6	6	TC	11.35	
		12	12	TC	18.67	
		18	18	TC	71.91	
		24	24	TC	39.77	
		30	30	TC	12.98	
		36	36	TC	7.22	
		42	42	TC	5.30	
		48	48	TC	4.34	
		60	60	TC	3.38	
		72	72	TC	3.26	
		84	84	TC	3.43	
		96	96	TC	3.51	
		108	108	TC	3.43	
		120	120	TC	3.39	
		132	132	TC	3.19	
		144	144	TC	3.13	
		156	156	TC	3.14	
		168	168	TC	3.15	
		180	180	TC	2.91	
		192	192	TC	2.90	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0045	S118,N083	0	0	TC	26.87	24
		6	6	TC	52.07	
		12	12	TC	36.75	
		18	18	TC	22.94	
		24	24	TC	11.18	
		30	30	TC	4.79	
		42	42	TC	2.63	
		54	54	TC	2.41	
		66	66	TC	2.29	
		78	78	TC	2.60	
		90	90	TC	2.78	
		102	102	TC	2.73	
		114	114	TC	2.85	
		126	126	TC	3.03	
R0046	S029,N089	0	0	TC	11.09	12
		6	6	TC	11.98	
		12	12	TC	5.63	
		18	18	TC	4.17	
		24	24	TC	3.79	
		36	36	TC	3.26	
		48	48	TC	2.52	
		60	60	TC	2.38	
		72	72	TC	2.34	
		84	84	TC	2.60	
		96	96	TC	2.23	
		108	108	TC	2.32	
		120	120	TC	2.69	
R0047	R299,N090	0	0	TC	16.36	42
		6	6	TC	26.37	
		12	12	TC	19.42	
		18	18	TC	19.25	
		24	24	TC	20.51	
		30	30	TC	18.08	
		36	36	TC	16.83	
		42	42	TC	13.69	
		48	48	TC	8.14	
		54	54	TC	7.58	
		60	60	TC	7.77	
		66	66	TC	4.60	
		78	78	TC	3.40	
		90	90	TC	2.94	
		102	102	TC	2.67	
		114	114	TC	2.65	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0048	R209,N090	0	0	TC	13.18	12
		6	6	TC	19.92	
		12	12	TC	13.10	
		18	18	TC	4.87	
		24	24	TC	3.14	
		36	36	TC	2.77	
		48	48	TC	2.85	
		60	60	TC	2.51	
		72	72	TC	2.45	
		84	84	TC	2.35	
		96	96	TC	2.48	
		108	108	TC	2.25	
		120	120	TC	2.24	
R0049	S001,N363	0	0	TC	9.07	12
		6	6	TC	8.59	
		12	12	TC	7.37	
		18	18	TC	6.61	
		24	24	TC	5.56	
		36	36	TC	2.85	
		48	48	TC	2.51	
		60	60	TC	2.27	
		72	72	TC	2.21	
		84	84	TC	2.56	
R0050	S091,N362	0	0	TC	12.00	12
		6	6	TC	17.57	
		12	12	TC	13.57	
		18	18	TC	8.90	
		24	24	TC	5.78	
		30	30	TC	5.12	
		36	36	TC	5.33	
		42	42	TC	4.99	
		48	48	TC	6.20	
		54	54	TC	6.80	
		60	60	TC	6.88	
		66	66	TC	4.78	
		72	72	TC	3.53	
R0051	S182,N360	0	0	TC	11.34	12
		6	6	TC	9.85	
		12	12	TC	9.09	
		18	18	TC	9.01	
		24	24	TC	4.34	
		36	36	TC	2.43	
		48	48	TC	2.28	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0052	S270,N362	0	0	TC	21.04	12
		6	6	TC	23.10	
		12	12	TC	8.20	
		18	18	TC	3.65	
		24	24	TC	2.93	
		36	36	TC	2.47	
		48	48	TC	2.05	
		60	60	TC	1.98	
		72	72	TC	1.94	
R0053	S269,O002	0	0	TC	15.45	12
		6	6	TC	18.50	
		12	12	TC	9.04	
		18	18	TC	3.11	
		24	24	TC	2.32	
		36	36	TC	1.94	
		48	48	TC	1.88	
R0054	S176,O000	0	0	TC	12.19	12
		6	6	TC	10.66	
		12	12	TC	3.54	
		18	18	TC	2.65	
		30	30	TC	1.92	
		42	42	TC	1.82	
		54	54	TC	1.90	
		66	66	TC	1.79	
		78	78	TC	1.88	
R0055	S091,N448	0	0	TC	6.58	6
		6	6	TC	2.96	
		12	12	TC	2.23	
		18	18	TC	2.19	
		24	24	TC	2.21	
		36	36	TC	2.19	
		48	48	TC	2.14	
R0056	S000,O000	0	0	TC	12.05	12
		6	6	TC	6.05	
		12	12	TC	2.92	
		18	18	TC	2.48	
		30	30	TC	2.27	
		42	42	TC	2.34	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0057	R359,O091	0	0	TC	102.39	24
		6	6	TC	308.08	
		12	12	TC	103.31	
		18	18	TC	22.69	
		24	24	TC	9.42	
		30	30	TC	5.63	
		36	36	TC	5.35	
		48	48	TC	4.84	
		60	60	TC	3.52	
		72	72	TC	3.33	
		84	84	TC	3.57	
R0058	S092,O093	0	0	TC	121.44	90
		6	6	TC	344.02	
		12	12	TC	145.70	
		18	18	TC	28.63	
		24	24	TC	12.14	
		30	30	TC	8.93	
		36	36	TC	7.47	
		42	42	TC	6.25	
		48	48	TC	5.78	
		54	54	TC	5.53	
		60	60	TC	5.14	
		66	66	TC	5.03	
		72	72	TC	4.79	
		78	90	OC	37.92	
		84	84	TC	3.98	
		96	96	TC	3.90	
		108	108	TC	3.88	
		120	120	TC	4.45	
R0059	S177,O089	0	0	TC	75.43	18
		6	6	TC	100.13	
		12	12	TC	35.50	
		18	18	TC	9.08	
		24	24	TC	5.85	
		36	36	TC	2.93	
		48	48	TC	2.89	
		60	60	TC	3.02	
R0060	S267,O089	0	0	TC	17.98	12
		6	6	TC	28.22	
		12	12	TC	11.83	
		18	18	TC	5.65	
		24	24	TC	3.07	
		30	30	TC	2.00	
		36	36	TC	1.91	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0061	S265,O178	0	0	TC	11.54	6
		6	6	TC	4.81	
		12	12	TC	2.58	
		18	18	TC	2.00	
		24	24	TC	1.86	
		36	36	TC	1.89	
		48	48	TC	2.10	
R0062	S178,O182	0	0	TC	68.97	24
		6	6	TC	201.30	
		12	12	TC	253.28	
		18	18	TC	43.89	
		24	24	TC	14.95	
		30	30	TC	7.91	
		36	36	TC	8.80	
		42	42	TC	7.40	
		48	48	TC	6.03	
		54	54	TC	5.59	
		60	60	TC	5.34	
		66	66	TC	6.39	
R0063	S093,O177	0	0	TC	150.61	30
		6	6	TC	296.36	
		12	12	TC	107.99	
		18	18	TC	73.84	
		24	24	TC	43.53	
		30	30	TC	12.81	
		36	36	TC	8.97	
		42	42	TC	8.10	
		48	48	TC	6.90	
		54	54	TC	5.89	
		60	60	TC	5.75	
		66	66	TC	5.02	
		72	72	TC	5.17	
		78	78	TC	10.29	
		84	84	TC	10.41	
		90	90	TC	4.16	
		96	96	TC	3.87	
		108	108	TC	3.68	
		120	120	TC	4.27	
R0064	R356,O182	0	0	TC	18.40	12
		6	6	TC	24.34	
		12	12	TC	13.46	
		18	18	TC	5.73	
		24	24	TC	3.98	
		36	36	TC	3.23	
		48	48	TC	2.88	
		60	60	TC	2.53	
		72	72	TC	2.24	
		78	78	TC	2.22	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0065	S003,O260	0	0	TC	7.20	96
		6	6	TC	6.32	
		12	12	TC	6.38	
		18	18	TC	7.87	
		24	24	TC	11.71	
		30	30	TC	15.44	
		36	36	TC	21.43	
		42	42	TC	27.46	
		48	48	TC	32.31	
		54	54	TC	37.51	
		60	60	TC	37.59	
		66	66	TC	39.93	
		72	72	TC	34.16	
		78	78	TC	25.37	
		84	84	TC	20.68	
		90	90	TC	16.43	
		96	96	TC	9.14	
		102	102	TC	4.44	
		108	108	TC	4.02	
		114	114	TC	3.92	
R0066	S092,O275	0	0	TC	4.67	6
		0	6	OC	15.17	
		6	6	TC	2.67	
		12	12	TC	2.41	
		24	24	TC	2.69	
		36	36	TC	2.43	
		42	42	TC	2.25	
R0067	S178,O274	0	0	TC	6.72	6
		6	6	TC	2.21	
		12	12	TC	1.87	
		24	24	TC	2.12	
		36	36	TC	2.04	
R0068	S270,O270	0	0	TC	23.43	18
		6	6	TC	52.39	
		12	12	TC	15.88	
		18	18	TC	4.57	
		30	30	TC	2.38	
		42	42	TC	2.48	
R0069	S043,O223	0	0	TC	88.91	24
		6	6	TC	230.22	
		12	12	TC	85.56	
		18	18	TC	18.17	
		24	24	TC	11.15	
		30	30	TC	6.50	
		36	36	TC	4.76	
		42	42	TC	3.99	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0070	S047,O135	0	0	TC	33.33	18
		6	6	TC	44.38	
		12	12	TC	17.90	
		18	18	TC	5.87	
		24	24	TC	3.96	
		36	36	TC	3.24	
		48	48	TC	2.96	
		60	60	TC	2.74	
		72	72	TC	2.68	
		84	84	TC	2.30	
		96	96	TC	2.22	
		108	108	TC	2.35	
		114	114	TC	2.29	
R0071	S138,O134	0	0	TC	44.20	18
		6	6	TC	25.20	
		12	12	TC	16.48	
		18	18	TC	13.65	
		24	24	TC	9.25	
		30	30	TC	5.09	
		36	36	TC	4.55	
		48	48	TC	3.69	
		60	60	TC	3.48	
		72	72	TC	2.85	
		84	84	TC	2.75	
		96	96	TC	2.76	
		108	108	TC	2.84	
		120	120	TC	3.06	
R0072	S136,O225	0	0	TC	17.33	18
		6	6	TC	19.17	
		12	12	TC	17.75	
		18	18	TC	5.24	
		24	24	TC	3.87	
		36	36	TC	2.82	
		48	48	TC	2.68	
		60	60	TC	2.51	
		72	72	TC	2.47	
R0073	S208,O177	0	0	TC	18.32	12
		6	6	TC	14.63	
		12	12	TC	4.12	
		18	18	TC	2.49	
		30	30	TC	2.24	
		42	42	TC	2.10	
		54	54	TC	1.99	
		66	66	TC	1.96	
		78	78	TC	1.94	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0074	P352,M011	0	0	TC	28.22	12
		6	6	TC	21.53	
		12	12	TC	7.70	
		18	18	TC	3.94	
		30	30	TC	3.05	
		42	42	TC	3.21	
		54	54	TC	2.97	
		66	66	TC	2.63	
		78	78	TC	2.66	
R0075	Q000,M092	0	0	TC	18.59	24
		6	6	TC	42.19	
		12	12	TC	44.45	
		18	18	TC	25.53	
		24	24	TC	9.52	
		30	30	TC	5.12	
		36	36	TC	4.72	
		48	48	TC	4.87	
		60	60	TC	3.74	
		72	72	TC	2.81	
R0076	P359,M181	0	0	TC	8.49	12
		6	6	TC	10.35	
		12	12	TC	6.98	
		18	18	TC	4.07	
		30	30	TC	2.62	
		42	42	TC	2.85	
R0077	Q000,M269	0	0	TC	5.48	6
		6	6	TC	4.34	
		12	12	TC	4.81	
		18	18	TC	4.21	
		24	24	TC	4.04	
		36	36	TC	2.39	
		48	48	TC	2.03	
R0078	Q000,M361	0	0	TC	7.28	12
		6	6	TC	5.12	
		12	12	TC	3.19	
		24	24	TC	2.48	
		36	36	TC	2.00	
		42	42	TC	2.17	
R0079	Q000,N000	0	0	TC	12.42	12
		6	6	TC	8.91	
		12	12	TC	4.16	
		18	18	TC	7.63	
		24	24	TC	2.60	
		36	36	TC	2.74	
		48	48	TC	2.21	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0080	P269,M449	0	0	TC	7.46	12
		6	6	TC	6.69	
		12	12	TC	3.21	
		24	24	TC	2.18	
		36	36	TC	1.98	
R0081	P271,M359	0	0	TC	8.47	12
		6	6	TC	14.35	
		12	12	TC	12.69	
		18	18	TC	5.26	
		24	24	TC	3.28	
		36	36	TC	2.25	
		48	48	TC	2.14	
R0082	P271,M269	0	0	TC	9.63	12
		6	6	TC	11.30	
		12	12	TC	4.80	
		18	18	TC	3.12	
		30	30	TC	2.57	
		42	42	TC	2.11	
R0083	P270,M179	0	0	TC	9.61	12
		6	6	TC	11.85	
		12	12	TC	12.11	
		18	18	TC	4.52	
		24	24	TC	3.35	
		36	36	TC	2.74	
		48	48	TC	2.92	
R0084	P271,M090	0	0	TC	5.81	6
		6	6	TC	2.51	
		18	18	TC	2.29	
		30	30	TC	2.59	
		42	42	TC	2.89	
R0085	P273,M000	0	0	TC	7.38	6
		6	6	TC	3.43	
		12	12	TC	2.38	
		18	18	TC	2.21	
		24	24	TC	2.26	
		36	36	TC	2.07	
		48	48	TC	2.08	
R0086	P177,M000	0	0	TC	10.13	12
		6	6	TC	7.43	
		12	12	TC	7.47	
		18	18	TC	5.15	
		24	24	TC	4.52	
		36	36	TC	3.69	
		42	42	TC	3.17	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0087	P178,M090	0	0	TC	9.87	6
		6	6	TC	4.81	
		12	12	TC	3.26	
		18	18	TC	2.28	
		24	24	TC	2.16	
		36	36	TC	2.14	
		48	48	TC	2.19	
R0088	P180,M181	0	0	TC	10.39	18
		6	6	TC	15.96	
		12	12	TC	17.08	
		18	18	TC	9.92	
		24	24	TC	3.79	
		36	36	TC	2.30	
		42	42	TC	2.48	
R0089	P180,M270	0	0	TC	9.38	12
		6	6	TC	12.83	
		12	12	TC	11.15	
		18	18	TC	5.60	
		24	24	TC	3.76	
		36	36	TC	3.56	
		48	48	TC	3.52	
R0090	P180,M361	0	0	TC	6.52	12
		6	6	TC	7.44	
		12	12	TC	3.82	
		18	18	TC	2.40	
		24	24	TC	2.10	
		36	36	TC	1.99	
		42	42	TC	1.96	
R0091	P180,M449	0	0	TC	9.44	12
		6	6	TC	6.20	
		12	12	TC	3.35	
		18	18	TC	2.46	
		24	24	TC	2.11	
		36	36	TC	2.00	
		48	48	TC	2.08	
R0092	P091,N000	0	0	TC	6.31	6
		6	6	TC	4.19	
		12	12	TC	3.06	
		18	18	TC	2.79	
		24	24	TC	2.68	
		36	36	TC	2.38	
		48	48	TC	2.26	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0093	P091,M360	0	0	TC	12.75	12
		6	6	TC	31.27	
		12	12	TC	14.63	
		18	18	TC	5.19	
		24	24	TC	3.95	
		36	36	TC	2.62	
		48	48	TC	2.64	
R0094	P091,M270	0	0	TC	8.85	12
		6	6	TC	7.95	
		12	12	TC	4.85	
		18	18	TC	3.42	
		24	24	TC	3.31	
		36	36	TC	3.59	
		48	48	TC	3.42	
		60	60	TC	3.44	
		72	72	TC	2.99	
R0095	P092,M181	0	0	TC	9.45	12
		6	6	TC	11.00	
		12	12	TC	12.57	
		18	18	TC	11.18	
		24	24	TC	10.81	
		30	30	TC	7.36	
		36	36	TC	4.78	
		42	42	TC	3.56	
R0096	P092,M090	0	0	TC	8.20	12
		6	6	TC	7.17	
		12	12	TC	4.45	
		18	18	TC	3.32	
		24	24	TC	3.25	
		36	36	TC	3.14	
		42	42	TC	3.04	
R0097	P092,M002	0	0	TC	8.46	6
		6	6	TC	4.52	
		12	12	TC	3.47	
		18	18	TC	3.18	
		24	24	TC	3.17	
		30	30	TC	3.28	
		42	42	TC	3.18	
		48	48	TC	3.09	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0098	P004,M004	0	0	TC	28.88	12
		6	6	TC	34.66	
		12	12	TC	11.59	
		18	18	TC	5.42	
		24	24	TC	3.87	
		36	36	TC	2.84	
		48	48	TC	2.80	
		60	60	TC	3.50	
		72	72	TC	3.38	
		84	84	TC	3.43	
		96	96	TC	3.36	
		108	108	TC	3.52	
R0099	O358,M090	0	0	TC	15.36	48
		6	6	TC	8.20	
		12	12	TC	8.35	
		18	18	TC	16.52	
		24	24	TC	12.89	
		30	30	TC	10.33	
		36	36	TC	8.97	
		42	42	TC	21.93	
		48	48	TC	12.08	
		54	54	TC	5.26	
		60	60	TC	3.47	
		72	72	TC	3.12	
		78	78	TC	3.23	
R0100	P000,M178	0	0	TC	11.42	12
		6	6	TC	13.71	
		12	12	TC	7.95	
		18	18	TC	5.45	
		24	24	TC	4.79	
		36	36	TC	3.47	
		48	48	TC	3.09	
R0101	P001,M268	0	0	TC	5.51	6
		6	6	TC	4.56	
		12	12	TC	3.59	
		18	18	TC	3.16	
		24	24	TC	3.15	
		36	36	TC	3.05	
		48	48	TC	2.95	
R0102	O359,M358	0	0	TC	5.40	6
		6	6	TC	3.87	
		12	12	TC	3.54	
		18	18	TC	2.96	
		24	24	TC	2.80	
		36	36	TC	2.81	
		42	42	TC	2.70	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0103	O358,M449	0	0	TC	6.06	12
		6	6	TC	5.04	
		12	12	TC	3.37	
		18	18	TC	2.85	
		24	24	TC	2.62	
		36	36	TC	2.39	
		42	42	TC	2.52	
R0104	Q000,N090	0	0	TC	12.13	36
		6	6	TC	19.14	
		12	12	TC	49.91	
		18	18	TC	71.61	
		24	24	TC	41.42	
		30	30	TC	16.00	
		36	36	TC	7.28	
		42	42	TC	4.81	
		48	48	TC	3.66	
R0105	P359,N180	0	0	TC	6.58	12
		6	6	TC	7.71	
		12	12	TC	5.90	
		18	18	TC	4.77	
		24	24	TC	2.79	
		36	36	TC	2.80	
		48	48	TC	2.45	
R0106	P358,N270	0	0	TC	5.96	36
		6	6	TC	6.99	
		12	12	TC	12.75	
		18	18	TC	13.04	
		24	24	TC	19.88	
		30	30	TC	17.41	
		36	36	TC	4.72	
		42	42	TC	3.11	
R0107	P358,N359	0	0	TC	5.62	12
		6	6	TC	6.52	
		12	12	TC	5.69	
		18	18	TC	3.13	
		24	24	TC	2.60	
		36	36	TC	2.39	
		42	42	TC	1.97	
R0108	P358,N449	0	0	TC	4.82	6
		0	6	OC	11.06	
		6	6	TC	3.88	
		12	12	TC	2.93	
		18	18	TC	2.34	
		24	24	TC	2.42	
		36	36	TC	2.44	
		42	42	TC	2.39	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0109	P267,O000	0	0	TC	7.71	12
		6	6	TC	5.25	
		12	12	TC	3.86	
		18	18	TC	2.80	
		24	24	TC	4.55	
		30	30	TC	2.63	
		36	36	TC	3.08	
R0110	P270,N360	0	0	TC	6.15	6
		6	6	TC	3.70	
		12	12	TC	2.66	
		18	18	TC	2.37	
		24	24	TC	2.49	
		36	36	TC	2.38	
		42	42	TC	2.33	
R0111	P270,N268	0	0	TC	4.07	6
		0	6	OC	5.89	
		6	6	TC	2.62	
		12	12	TC	2.43	
		18	18	TC	2.62	
		24	24	TC	2.54	
		36	36	TC	2.52	
		42	42	TC	2.42	
R0112	P268,N179	0	0	TC	5.18	6
		6	6	TC	3.30	
		12	12	TC	2.70	
		18	18	TC	2.52	
		24	24	TC	2.45	
		30	30	TC	2.66	
		36	36	TC	2.58	
		42	42	TC	2.52	
R0113	P268,N089	0	0	TC	6.34	12
		6	6	TC	6.81	
		12	12	TC	4.27	
		18	18	TC	2.64	
		24	24	TC	2.45	
		36	36	TC	2.62	
		42	42	TC	2.56	
R0114	P178,N090	0	0	TC	5.57	6
		6	6	TC	2.62	
		12	12	TC	2.29	
		18	18	TC	2.99	
		24	24	TC	2.66	
		36	36	TC	2.07	
		42	42	TC	2.10	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0115	P178,N180	0	0	TC	7.05	12
		6	6	TC	7.43	
		12	12	TC	7.94	
		18	18	TC	10.51	
		24	24	TC	12.19	
		30	30	TC	6.98	
		36	36	TC	4.14	
		42	42	TC	3.46	
R0116	P178,N269	0	0	TC	8.81	12
		6	6	TC	5.54	
		12	12	TC	2.72	
		18	18	TC	2.40	
		24	24	TC	2.22	
		36	36	TC	2.60	
		42	42	TC	2.58	
R0117	P178,N360	0	0	TC	8.15	6
		6	6	TC	4.90	
		12	12	TC	2.85	
		18	18	TC	2.41	
		24	24	TC	2.24	
		30	30	TC	2.17	
		42	42	TC	2.50	
R0118	P179,O001	0	0	TC	14.10	12
		6	6	TC	10.41	
		12	12	TC	4.28	
		18	18	TC	2.69	
		24	24	TC	2.50	
		36	36	TC	3.35	
R0119	P088,O000	0	0	TC	9.46	12
		6	6	TC	6.44	
		12	12	TC	4.25	
		18	18	TC	3.42	
		24	24	TC	3.28	
		36	36	TC	3.20	
		42	42	TC	3.04	
R0120	P089,N359	0	0	TC	5.82	6
		6	6	TC	2.87	
		12	12	TC	2.32	
		18	18	TC	2.17	
		24	24	TC	2.08	
		36	36	TC	2.04	
		42	42	TC	2.27	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0121	P089,N270	0	0	TC	6.58	6
		6	6	TC	2.75	
		12	12	TC	2.26	
		18	18	TC	2.04	
		24	24	TC	2.05	
		36	36	TC	2.36	
		42	42	TC	2.67	
R0122	P089,N179	0	0	TC	19.06	12
		6	6	TC	17.57	
		12	12	TC	8.77	
		18	18	TC	4.14	
		24	24	TC	3.61	
		36	36	TC	3.22	
		42	42	TC	3.15	
R0123	P088,N090	0	0	TC	10.90	12
		6	6	TC	13.57	
		12	12	TC	14.03	
		18	18	TC	5.25	
		24	24	TC	3.14	
		36	36	TC	2.60	
		42	42	TC	2.75	
R0124	O359,N089	0	0	TC	22.36	12
		6	6	TC	15.53	
		12	12	TC	5.27	
		18	18	TC	3.59	
		24	24	TC	3.06	
		36	36	TC	2.57	
		42	42	TC	2.71	
R0125	P000,N180	0	0	TC	11.43	12
		6	6	TC	12.53	
		12	12	TC	5.87	
		18	18	TC	3.38	
		24	24	TC	3.02	
		36	36	TC	2.93	
		42	42	TC	3.01	
R0126	O357,N270	0	0	TC	9.33	6
		6	6	TC	4.53	
		12	12	TC	3.68	
		18	18	TC	3.26	
		24	24	TC	3.37	
		36	36	TC	2.97	
		42	42	TC	2.85	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0127	O358,N360	0	0	TC	6.41	6
		6	6	TC	3.63	
		12	12	TC	2.95	
		18	18	TC	2.88	
		24	24	TC	2.87	
		36	36	TC	2.89	
		42	42	TC	2.66	
R0128	P000,O000	0	0	TC	11.20	12
		6	6	TC	6.90	
		12	12	TC	3.26	
		18	18	TC	2.50	
		24	24	TC	2.48	
		36	36	TC	2.52	
		42	42	TC	2.72	
R0129	O278,M098	0	0	TC	4.54	6
		0	6	OC	7.39	
		6	6	TC	2.87	
		12	12	TC	2.77	
		18	18	TC	2.98	
		24	24	TC	3.09	
		36	36	TC	2.93	
		42	42	TC	3.02	
R0130	O269,M180	0	0	TC	6.41	6
		6	6	TC	4.44	
		12	12	TC	3.31	
		18	18	TC	3.08	
		24	24	TC	2.94	
		36	36	TC	2.76	
		42	42	TC	2.64	
R0131	O270,M269	0	0	TC	7.25	12
		6	6	TC	5.84	
		12	12	TC	4.31	
		18	18	TC	3.00	
		24	24	TC	3.02	
		36	36	TC	2.91	
		42	42	TC	3.00	
R0132	O267,M359	0	0	TC	5.58	6
		6	6	TC	3.23	
		12	12	TC	2.98	
		18	18	TC	3.04	
		24	24	TC	3.04	
		36	36	TC	3.01	
		42	42	TC	3.08	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0133	O270,M449	0	0	TC	7.61	12
		6	6	TC	5.29	
		12	12	TC	3.41	
		18	18	TC	3.11	
		24	24	TC	3.17	
		36	36	TC	3.14	
		42	42	TC	2.95	
R0134	O177,N002	0	0	TC	5.47	6
		6	6	TC	3.37	
		12	12	TC	3.37	
		18	18	TC	2.99	
		24	24	TC	2.73	
		36	36	TC	2.68	
		42	42	TC	2.44	
R0135	O178,M360	0	0	TC	5.34	6
		6	6	TC	3.20	
		12	12	TC	2.76	
		18	18	TC	2.64	
		24	24	TC	2.57	
		36	36	TC	2.67	
		42	42	TC	2.84	
		48	54	OC	1.99	
R0136	O179,M269	0	0	TC	12.02	12
		6	6	TC	14.97	
		12	12	TC	5.65	
		18	18	TC	3.56	
		24	24	TC	3.15	
		36	36	TC	2.88	
		42	42	TC	2.84	
R0137	O179,M180	0	0	TC	6.21	6
		6	6	TC	4.50	
		12	12	TC	3.18	
		18	18	TC	3.11	
		24	24	TC	3.29	
		36	36	TC	3.11	
		42	42	TC	1.70	
R0138	O091,M268	0	0	TC	10.16	12
		6	6	TC	7.79	
		12	12	TC	3.80	
		18	18	TC	3.04	
		24	24	TC	2.99	
		36	36	TC	3.00	
		42	42	TC	3.24	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0139	O088,M360	0	0	TC	9.87	12
		6	6	TC	6.95	
		12	12	TC	4.19	
		18	18	TC	3.18	
		24	24	TC	3.11	
		36	36	TC	3.26	
		42	42	TC	3.73	
R0140	O087,N000	0	0	TC	7.30	12
		6	6	TC	6.20	
		12	12	TC	5.05	
		18	18	TC	3.71	
		24	24	TC	3.25	
		36	36	TC	2.90	
		42	42	TC	2.58	
R0141	N359,M449	0	0	TC	13.87	12
		6	6	TC	9.70	
		12	12	TC	4.04	
		18	18	TC	2.59	
		24	24	TC	2.62	
		36	36	TC	2.48	
		42	42	TC	2.57	
R0142	N358,M361	0	0	TC	3.37	18
		6	6	TC	31.27	
		12	12	TC	16.29	
		18	18	TC	7.31	
		24	24	TC	4.57	
		36	36	TC	4.18	
		42	42	TC	4.35	
R0143	O268,N091	0	0	TC	6.87	6
		6	6	TC	4.78	
		12	12	TC	4.94	
		18	18	TC	5.09	
		24	24	TC	6.17	
		30	30	TC	6.95	
		36	36	TC	5.36	
		42	42	TC	4.01	
		54	54	TC	2.52	
		66	66	TC	2.08	
		78	78	TC	2.09	
R0144	O263,N178	0	0	TC	7.02	6
		6	6	TC	3.11	
		12	12	TC	2.91	
		18	18	TC	2.79	
		24	24	TC	3.01	
		36	36	TC	3.29	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0145	O268,N268	0	0	TC	7.89	6
		6	6	TC	2.59	
		12	12	TC	2.34	
		18	18	TC	2.21	
		24	24	TC	2.47	
		36	36	TC	2.58	
R0146	O269,N358	0	0	TC	10.96	6
		6	6	TC	4.67	
		12	12	TC	2.84	
		18	18	TC	2.35	
		24	24	TC	2.46	
		36	36	TC	2.77	
		42	42	TC	2.92	
R0147	O271,N448	0	0	TC	14.86	12
		6	6	TC	18.65	
		12	12	TC	11.34	
		18	18	TC	7.10	
		24	24	TC	4.39	
		36	36	TC	3.25	
R0148	O178,O002	0	0	TC	9.44	6
		6	6	TC	3.91	
		12	12	TC	2.88	
		18	18	TC	2.61	
		24	24	TC	2.40	
		30	30	TC	2.59	
		36	36	TC	3.12	
		42	42	TC	3.41	
		48	48	TC	4.34	
		60	60	TC	3.76	
		72	72	TC	3.69	
		84	84	TC	3.17	
R0149	O180,N359	0	0	TC	19.06	12
		6	6	TC	21.53	
		12	12	TC	9.20	
		18	18	TC	7.02	
		24	24	TC	5.40	
		30	30	TC	4.93	
		36	36	TC	5.02	
		42	42	TC	3.56	
		54	54	TC	2.98	
		60	66	OC	4.51	
		66	66	TC	2.88	
		78	78	TC	2.71	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0150	O180,N269	0	0	TC	26.45	12
		6	6	TC	14.77	
		12	12	TC	5.05	
		18	18	TC	3.34	
		24	24	TC	3.24	
		30	30	TC	3.14	
		36	36	TC	3.32	
		42	42	TC	3.98	
R0151	O181,N182	0	0	TC	9.87	12
		6	6	TC	5.31	
		12	12	TC	3.32	
		18	18	TC	3.16	
		24	24	TC	3.10	
		36	36	TC	3.09	
		42	42	TC	3.64	
R0152	O180,N090	0	0	TC	7.85	12
		6	6	TC	9.88	
		12	12	TC	8.18	
		18	18	TC	4.80	
		24	24	TC	3.31	
		30	30	TC	2.78	
		36	36	TC	2.80	
		42	42	TC	2.84	
R0153	O092,N090	0	0	TC	5.53	6
		6	6	TC	3.19	
		12	12	TC	2.96	
		18	18	TC	2.85	
		24	24	TC	2.83	
		30	30	TC	2.95	
		36	36	TC	2.91	
		42	42	TC	3.63	
R0154	O090,N178	0	0	TC	64.29	18
		6	6	TC	113.27	
		12	12	TC	22.69	
		18	18	TC	7.23	
		24	24	TC	4.14	
		30	30	TC	3.29	
		36	36	TC	3.04	
		42	42	TC	3.52	
R0155	O090,N271	0	0	TC	21.62	12
		6	6	TC	8.71	
		12	12	TC	3.98	
		18	18	TC	3.19	
		24	24	TC	3.22	
		36	36	TC	3.65	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0156	O091,N360	0	0	TC	7.62	6
		6	6	TC	3.82	
		12	12	TC	3.55	
		18	18	TC	4.73	
		24	24	TC	5.53	
		30	30	TC	6.02	
		36	36	TC	5.94	
		36	42	OC	0.23	
		42	42	TC	5.51	
		42	48	OC	1.19	
		48	48	TC	5.19	
		48	54	OC	1.24	
		60	60	TC	4.45	
		72	72	TC	3.01	
		78	78	TC	2.76	
R0157	O092,N447	0	0	TC	19.72	12
		6	6	TC	14.93	
		12	12	TC	6.08	
		18	18	TC	3.95	
		24	24	TC	4.09	
		36	36	TC	4.08	
R0158	N359,N269	0	0	TC	12.95	18
		6	6	TC	14.79	
		12	12	TC	16.58	
		18	18	TC	7.19	
		24	24	TC	4.13	
		30	30	TC	3.75	
		36	36	TC	3.65	
		42	42	TC	3.55	
		54	54	TC	3.14	
		66	66	TC	2.94	
		78	78	TC	2.87	
R0159	N359,N180	0	0	TC	13.68	12
		6	6	TC	5.96	
		12	12	TC	3.71	
		18	18	TC	2.79	
		24	24	TC	2.47	
		30	30	TC	2.47	
		36	36	TC	2.37	
		42	42	TC	2.60	
R0160	N358,N090	0	0	TC	16.62	12
		6	6	TC	11.50	
		12	12	TC	4.22	
		18	18	TC	2.90	
		24	24	TC	2.60	
		30	30	TC	2.62	
		36	36	TC	3.10	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0161	O000,N361	0	0	TC	38.86	36
		6	6	TC	41.58	
		12	12	TC	25.58	
		18	18	TC	17.16	
		24	24	TC	10.77	
		30	30	TC	8.01	
		30	36	OC	69.91	
		36	36	TC	6.68	
		42	42	TC	5.19	
		48	48	TC	4.36	
		60	60	TC	4.00	
		72	72	TC	3.66	
		78	78	TC	3.65	
R0162	O002,O000	0	0	TC	42.11	54
		6	6	TC	93.76	
		12	12	TC	113.10	
		18	18	TC	115.36	
		24	24	TC	113.10	
		30	30	TC	113.85	
		30	36	OC	22.96	
		30	36	OC	168.82	
		36	36	TC	108.41	
		42	42	TC	33.99	
		48	48	TC	16.68	
		54	54	TC	10.99	
		60	60	TC	8.95	
		66	66	TC	6.50	
		72	72	TC	5.17	
		78	78	TC	5.01	
		90	90	TC	3.41	
		102	102	TC	3.52	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0163	R357,O358	0	0	TC	4.97	108
		6	6	TC	3.28	
		12	12	TC	7.33	
		18	18	TC	14.97	
		24	24	TC	15.50	
		30	30	TC	16.50	
		36	36	TC	22.03	
		42	42	TC	27.88	
		48	48	TC	15.80	
		54	54	TC	13.53	
		60	60	TC	13.83	
		66	66	TC	16.28	
		72	72	TC	18.73	
		78	78	TC	26.15	
		84	84	TC	21.45	
		90	90	TC	24.17	
		96	96	TC	31.02	
		102	102	TC	28.96	
		108	108	TC	9.30	
		114	114	TC	6.73	
R0164	S088,O360	0	0	TC	5.12	102
		6	6	TC	3.19	
		12	12	TC	5.40	
		18	18	TC	10.52	
		24	24	TC	12.28	
		30	30	TC	13.60	
		36	36	TC	14.14	
		42	42	TC	13.83	
		48	48	TC	15.42	
		54	54	TC	13.89	
		60	60	TC	11.58	
		66	66	TC	8.87	
		72	72	TC	10.33	
		78	78	TC	11.89	
		84	84	TC	16.21	
		90	90	TC	28.05	
		96	96	TC	26.07	
		102	102	TC	12.53	
		108	108	TC	8.14	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0165	S176,O357	0	0	TC	6.08	102
		6	6	TC	5.04	
		12	12	TC	13.28	
		18	18	TC	19.84	
		24	24	TC	27.21	
		30	30	TC	51.74	
		36	36	TC	34.07	
		42	42	TC	30.39	
		48	48	TC	53.75	
		54	54	TC	72.33	
		60	60	TC	50.90	
		66	66	TC	37.09	
		72	72	TC	30.81	
		78	78	TC	45.21	
		84	84	TC	63.54	
		90	90	TC	27.96	
		96	96	TC	17.83	
		102	102	TC	12.87	
		108	108	TC	8.25	
		114	114	TC	6.70	
		120	120	TC	6.05	
		126	126	TC	5.36	
		132	132	TC	6.23	
		138	138	TC	6.61	
		144	144	TC	7.03	
		150	150	TC	8.77	
R0166	S267,O360	0	0	TC	23.94	42
		6	6	TC	40.35	
		12	12	TC	44.12	
		18	18	TC	24.28	
		24	24	TC	17.25	
		30	30	TC	16.99	
		36	36	TC	16.31	
		42	42	TC	7.63	
		48	48	TC	5.94	
		54	54	TC	5.54	
		60	60	TC	5.59	
		66	66	TC	5.39	
		72	72	TC	5.40	
		78	78	TC	5.31	
		84	84	TC	5.25	
		90	90	TC	4.99	
		96	96	TC	5.04	
		102	102	TC	5.34	
		108	108	TC	5.61	
		114	114	TC	5.37	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0167	S271,P001	0	0	TC	12.31	12
		6	6	TC	5.04	
		12	12	TC	2.90	
		18	18	TC	2.43	
		24	24	TC	2.49	
		30	30	TC	2.46	
		36	36	TC	2.62	
		42	42	TC	2.84	
R0168	S178,P001	0	0	TC	20.96	12
		6	6	TC	16.34	
		12	12	TC	5.24	
		18	18	TC	3.33	
		24	24	TC	3.28	
		36	36	TC	3.70	
		42	42	TC	3.72	
R0169	S090,P001	0	0	TC	18.81	12
		6	6	TC	16.05	
		12	12	TC	5.52	
		18	18	TC	3.78	
		24	24	TC	3.74	
		36	36	TC	3.47	
		42	42	TC	3.55	
R0170	S003,P000	0	0	TC	9.16	6
		6	6	TC	4.75	
		12	12	TC	3.43	
		18	18	TC	3.46	
		24	24	TC	3.70	
		36	36	TC	3.76	
		42	42	TC	3.28	
R0171	S249,N305	0	0	TC	14.11	12
		6	6	TC	13.35	
		12	12	TC	9.06	
		18	18	TC	5.94	
		24	24	TC	4.32	
R0172	S266,N304	0	0	TC	14.34	12
		6	6	TC	12.55	
		12	12	TC	4.69	
		18	18	TC	3.68	
R0173	R089,L448	0	0	TC	6.39	6
		6	6	TC	4.99	
		12	12	TC	3.73	
		18	18	TC	2.70	
		24	24	TC	2.47	
		36	36	TC	2.36	
		42	42	TC	2.39	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0174	R091,M091	0	0	TC	4.50	6
		0	6	OC	84.26	
		6	6	TC	2.98	
		12	12	TC	2.44	
		18	18	TC	2.26	
		24	24	TC	2.29	
		36	36	TC	2.24	
		48	48	TC	2.10	
		60	60	TC	2.16	
		72	72	TC	2.27	
		84	84	TC	2.29	
		96	96	TC	2.40	
		108	108	TC	2.29	
		120	120	TC	2.55	
		132	132	TC	2.49	
		144	144	TC	2.40	
		156	156	TC	2.34	
		168	168	TC	2.27	
		180	180	TC	2.44	
		192	192	TC	2.40	
R0175	R091,M170	0	0	TC	82.38	84
		6	6	TC	92.26	
		12	12	TC	30.81	
		18	18	TC	14.62	
		24	24	TC	6.63	
		30	30	TC	5.18	
		36	36	TC	4.88	
		48	48	TC	4.36	
		60	60	TC	3.88	
		72	72	TC	3.66	
		78	84	OC	26.03	
		84	84	TC	3.65	
		96	96	TC	3.36	
		108	108	TC	3.13	
		120	120	TC	4.50	
R0176	R089,M272	0	0	TC	3.92	6
		0	6	OC	4.92	
		0	6	OC	11.85	
		6	6	TC	2.62	
		12	12	TC	2.30	
		18	18	TC	2.33	
		24	24	TC	2.54	
		36	36	TC	2.90	
		48	48	TC	2.83	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0177	R092,M361	0	0	TC	5.45	6
		6	6	TC	4.92	
		12	12	TC	4.02	
		18	18	TC	3.13	
		24	24	TC	2.80	
		36	36	TC	2.53	
		42	42	TC	2.70	
R0178	R091,N001	0	0	TC	4.01	6
		0	6	OC	27.00	
		6	6	TC	2.56	
		12	12	TC	2.45	
		18	18	TC	2.44	
		24	24	TC	2.45	
		36	36	TC	2.20	
		42	42	TC	2.07	
R0179	Q358,N001	0	0	TC	3.43	6
		0	6	OC	4.66	
		0	6	OC	6.86	
		0	6	SS	7.01	
		6	6	TC	2.75	
		12	12	TC	2.76	
		18	18	TC	2.70	
		24	24	TC	2.66	
		36	36	TC	2.58	
		42	42	TC	2.54	
		60	60	TC	2.60	
		72	72	TC	2.41	
		78	78	TC	2.35	
R0180	Q351,M346	0	0	TC	5.59	66
		6	6	TC	5.28	
		12	12	TC	6.47	
		18	18	TC	7.44	
		24	24	TC	7.94	
		30	30	TC	11.53	
		36	36	TC	12.50	
		42	42	TC	15.30	
		48	48	TC	19.17	
		54	54	TC	19.17	
		60	60	TC	16.49	
		66	66	TC	13.14	
		72	72	TC	8.12	
		78	78	TC	5.36	
		84	84	TC	4.09	
		96	96	TC	3.16	
		108	108	TC	3.16	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0181	R003,M272	0	0	TC	4.55	6
		0	6	OC	8.77	
		6	6	TC	3.74	
		12	12	TC	3.22	
		18	18	TC	2.78	
		24	24	TC	3.14	
		36	36	TC	3.55	
		48	48	TC	3.01	
		60	60	TC	3.52	
		72	72	TC	5.02	
		78	78	TC	3.86	
		90	90	TC	2.97	
		102	102	TC	2.73	
		114	114	TC	2.85	
		126	126	TC	2.88	
		138	138	TC	2.71	
		150	150	TC	6.92	
		156	156	TC	3.98	
R0182	Q359,M181	0	0	TC	9.79	42
		6	6	TC	9.40	
		12	12	TC	12.07	
		18	18	TC	15.45	
		24	24	TC	13.10	
		30	30	TC	16.15	
		36	36	TC	15.11	
		42	42	TC	8.85	
		48	48	TC	6.68	
		54	54	TC	5.73	
		60	60	TC	3.62	
		72	72	TC	2.81	
		78	78	TC	2.68	
R0183	Q358,M090	0	0	TC	4.48	6
		0	6	OC	115.55	
		0	6	OC	10.68	
		6	6	TC	2.70	
		12	12	TC	2.44	
		18	18	TC	2.47	
		24	24	TC	2.49	
		36	36	TC	2.42	
		48	48	TC	2.42	
R0184	Q359,M004	0	0	TC	5.34	6
		6	6	TC	2.84	
		12	12	TC	2.31	
		18	18	TC	2.20	
		24	24	TC	2.39	
		36	36	TC	2.30	
		48	48	TC	2.39	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0185	Q272,M000	0	0	TC	10.60	12
		6	6	TC	15.72	
		12	12	TC	5.19	
		18	18	TC	2.97	
		24	24	TC	2.71	
		36	36	TC	2.61	
		42	42	TC	2.54	
R0186	Q271,M092	0	0	TC	5.31	6
		6	6	TC	2.82	
		12	12	TC	2.51	
		18	18	TC	2.49	
		24	24	TC	2.48	
		36	36	TC	2.78	
		42	42	TC	2.88	
R0187	Q268,M179	0	0	TC	20.01	42
		6	6	TC	34.66	
		12	12	TC	46.63	
		18	18	TC	49.64	
		24	24	TC	49.14	
		30	30	TC	63.62	
		36	36	TC	73.50	
R0188	Q274,M267	0	0	TC	5.27	6
		6	6	TC	3.47	
		12	12	TC	2.75	
		18	18	TC	2.81	
		24	24	TC	2.75	
		36	36	TC	2.94	
		48	48	TC	3.01	
		60	60	TC	2.57	
		72	72	TC	2.41	
		84	84	TC	2.85	
R0189	Q270,M358	0	0	TC	7.66	12
		6	6	TC	11.41	
		12	12	TC	9.73	
		18	18	TC	4.00	
		24	24	TC	2.98	
		36	36	TC	3.03	
		42	42	TC	3.42	
R0190	Q271,M448	0	0	TC	5.55	12
		6	6	TC	5.99	
		12	12	TC	4.88	
		18	18	TC	3.39	
		24	24	TC	3.33	
		36	36	TC	2.95	
		42	42	TC	2.98	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0191	Q181,N000	0	0	TC	4.28	6
		0	6	OC	13.33	
		6	6	TC	2.81	
		12	12	TC	2.66	
		18	18	TC	2.96	
		24	24	TC	3.09	
		36	36	TC	2.80	
		42	42	TC	2.86	
R0192	Q179,M360	0	0	TC	7.85	12
		6	6	TC	7.73	
		12	12	TC	4.81	
		18	18	TC	3.02	
		24	24	TC	2.80	
		36	36	TC	2.19	
		42	42	TC	2.35	
R0193	Q180,M268	0	0	TC	4.96	6
		0	6	OC	14.63	
		6	6	TC	3.43	
		12	12	TC	2.31	
		18	18	TC	2.33	
		24	24	TC	2.44	
		36	36	TC	2.66	
		42	42	TC	2.71	
R0194	Q181,M181	0	0	TC	6.64	6
		6	6	TC	4.17	
		12	12	TC	2.82	
		18	18	TC	2.67	
		24	24	TC	2.57	
		36	36	TC	2.29	
		42	42	TC	2.33	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0195	Q180,M092	0	0	TC	16.55	42
		0	6	SS	3.00	
		6	6	TC	31.31	
		12	12	TC	29.47	
		18	18	TC	51.82	
		24	24	TC	170.78	
		30	30	TC	118.79	
		36	36	TC	25.12	
		36	42	OC	1.60	
		36	42	SS	1.02	
		42	42	TC	11.34	
		48	48	TC	9.46	
		48	54	OC	2.75	
		54	54	TC	8.05	
		60	60	TC	7.02	
		66	66	TC	5.94	
		72	72	TC	5.68	
		72	78	SS	1.65	
		72	78	OC	3.88	
		78	78	TC	6.08	
		84	84	TC	5.96	
		90	90	TC	5.66	
		96	96	TC	5.52	
		102	102	TC	5.32	
		108	108	TC	5.03	
		114	114	TC	5.80	
R0196	Q179,M002	0	0	TC	27.38	30
		6	6	TC	49.14	
		12	12	TC	24.36	
		18	18	TC	19.00	
		24	24	TC	7.85	
		24	30	OC	17.18	
		24	30	SS	18.20	
		30	30	TC	5.73	
		30	36	OC	8.80	
		36	36	TC	5.54	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0197	Q092,M005	0	0	TC	13.00	126
		6	6	TC	13.93	
		12	12	TC	23.68	
		18	18	TC	36.63	
		24	24	TC	38.20	
		30	30	TC	36.55	
		36	36	TC	46.04	
		42	42	TC	47.85	
		48	48	TC	48.18	
		54	54	TC	45.87	
		60	60	TC	50.82	
		66	66	TC	52.80	
		72	72	TC	61.05	
		78	78	TC	57.92	
		84	84	TC	54.45	
		90	90	TC	29.70	
		96	96	TC	18.40	
		102	102	TC	51.73	
		108	108	TC	98.34	
		114	114	TC	61.79	
		120	120	TC	17.16	
		126	126	TC	9.82	
		132	132	TC	7.41	
		138	138	TC	7.62	
		144	144	TC	6.22	
		150	150	TC	4.98	
		156	156	TC	4.39	
		162	162	TC	3.94	
		168	168	TC	4.29	
R0198	Q090,M092	0	0	TC	11.09	60
		6	6	TC	23.52	
		12	12	TC	21.85	
		18	18	TC	33.91	
		24	24	TC	58.94	
		30	30	TC	65.47	
		36	36	TC	81.71	
		42	42	TC	84.22	
		48	48	TC	43.78	
		54	54	TC	21.93	
		60	60	TC	11.77	
		66	66	TC	9.47	
		72	72	TC	7.43	
		78	78	TC	6.14	
		84	84	TC	5.89	
		90	90	TC	6.44	
		96	96	TC	5.32	
		102	102	TC	5.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0199	Q088,M179	0	0	TC	5.32	6
		6	6	TC	4.86	
		12	12	TC	4.60	
		18	18	TC	3.98	
		24	24	TC	3.80	
		36	36	TC	3.47	
		42	42	TC	3.43	
R0201	H341,M013	0	6	OC	5.80	6
R0202	H341,M285	0	6	OC	2.48	0
R0203	I059,M148	0	6	OC	3.84	0
R0205	I137,M284	0	6	OC	4.42	0
R0206	I217,M147	0	6	OC	3.94	0
R0208	I297,M282	0	6	OC	3.24	0
R0209	J025,M156	0	6	OC	4.73	0
R0211	J097,M283	0	6	OC	1.12	0
R0212	J173,M418	0	6	OC	1.94	0
R0213	J251,M281	0	6	OC	3.82	0
R0214	J246,N087	0	6	OC	1.27	0
R0215	J331,M417	0	6	OC	4.97	0
R0216	K042,M300	0	6	OC	3.74	0
R0217	K070,N107	0	6	OC	3.04	0
R0218	K129,M417	0	6	OC	4.73	0
R0219	K209,N105	0	6	OC	3.68	0
R0220	K289,M416	0	6	OC	3.48	0
R0221	L007,N102	0	6	OC	3.45	0
R0222	L099,N209	0	6	OC	2.36	0
R0223	L165,N102	0	6	OC	3.88	0
R0224	L244,N238	0	6	OC	1.80	0
R0225	L312,N108	0	6	OC	8.19	6
R0226	M042,N238	0	6	OC	1.41	0
R0227	M200,N236	0	6	OC	19.86	6
R0228	M281,N348	0	6	OC	2.92	0

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0229	O331,N387	0	0	TC	70.95	72
		6	6	TC	228.53	
		12	12	TC	289.58	
		18	18	TC	165.00	
		24	24	TC	210.38	
		30	30	TC	269.78	
		36	36	TC	261.52	
		42	42	TC	231.82	
		48	48	TC	151.96	
		54	54	TC	83.49	
		60	60	TC	52.47	
		66	66	TC	19.55	
		72	72	TC	9.60	
		78	78	TC	7.76	
		84	84	TC	6.39	
		90	90	TC	5.29	
		96	96	TC	4.74	
R0230	Q271,M181	0	0	TC	19.76	18
		6	6	TC	46.38	
		12	12	TC	33.07	
		18	18	TC	10.57	
		24	24	TC	6.09	
		30	30	TC	5.01	
		36	36	TC	4.60	
		48	48	TC	4.18	
		54	54	TC	3.53	
		60	60	TC	3.26	
		66	66	TC	3.22	
R0231	Q088,M447	0	0	TC	5.54	6
		6	6	TC	4.60	
		12	12	TC	2.87	
		18	18	TC	2.44	
		24	24	TC	2.43	
		30	30	TC	2.80	
		36	36	TC	2.71	
		42	42	TC	2.58	
R0232	Q090,M360	0	0	TC	5.22	6
		6	6	TC	3.14	
		12	12	TC	2.60	
		18	18	TC	2.60	
		24	24	TC	2.67	
		36	36	TC	2.56	
		42	42	TC	2.60	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0233	R268,N177	0	0	TC	9.88	12
		6	6	TC	9.95	
		12	12	TC	4.21	
		18	18	TC	2.80	
		24	24	TC	2.63	
		36	36	TC	2.73	
R0234	R271,N268	0	0	TC	11.03	12
		6	6	TC	15.30	
		12	12	TC	5.80	
		18	18	TC	3.16	
		24	24	TC	2.72	
		36	36	TC	2.54	
		42	42	TC	2.64	
R0235	R270,N358	0	0	TC	7.31	6
		6	6	TC	4.21	
		12	12	TC	2.84	
		18	18	TC	2.49	
		24	24	TC	2.44	
		36	36	TC	2.38	
		42	42	TC	2.61	
R0236	R269,N449	0	0	TC	11.23	12
		6	6	TC	12.38	
		12	12	TC	5.22	
		18	18	TC	2.83	
		24	24	TC	2.26	
		36	36	TC	2.12	
		42	42	TC	2.23	
R0237	R186,N448	0	0	TC	5.96	12
		6	6	TC	7.43	
		12	12	TC	5.68	
		18	18	TC	3.00	
		24	24	TC	2.08	
		36	36	TC	1.93	
		42	42	TC	1.93	
R0238	R177,N360	0	0	TC	4.57	6
		0	6	OC	26.05	
		6	6	TC	3.21	
		12	12	TC	2.47	
		18	18	TC	2.27	
		24	24	TC	2.17	
		36	36	TC	2.03	
		42	42	TC	2.10	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0239	R177,N269	0	0	TC	3.30	6
		0	6	OC	12.25	
		6	6	TC	2.18	
		12	12	TC	2.09	
		18	18	TC	2.16	
		24	24	TC	2.44	
		36	36	TC	2.53	
		42	42	TC	2.66	
R0240	R178,N178	0	0	TC	6.49	6
		6	6	TC	4.58	
		12	12	TC	3.08	
		18	18	TC	2.51	
		24	24	TC	2.14	
		36	36	TC	2.20	
		42	42	TC	2.33	
R0241	R088,N089	0	0	TC	5.45	12
		6	6	TC	8.39	
		12	12	TC	12.29	
		18	18	TC	6.97	
		24	24	TC	3.55	
		36	36	TC	3.37	
		42	42	TC	3.21	
R0242	R090,N176	0	0	TC	3.85	6
		0	6	OC	5.13	
		6	6	TC	3.10	
		12	12	TC	2.65	
		18	18	TC	2.34	
		24	24	TC	2.26	
		30	30	TC	2.27	
		36	36	TC	2.30	
R0243	R090,N268	0	0	TC	3.10	6
		0	6	OC	6.85	
		6	6	TC	2.32	
		12	12	TC	2.22	
		18	18	TC	2.26	
		24	24	TC	2.24	
		36	36	TC	2.32	
		42	42	TC	2.35	
R0244	R093,N358	0	0	TC	3.23	6
		0	6	OC	106.81	
		6	6	TC	2.63	
		12	12	TC	2.79	
		18	18	TC	2.86	
		24	24	TC	2.72	
		36	36	TC	2.39	
		42	42	TC	2.47	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0245	R089,O001	0	0	TC	5.86	12
		6	6	TC	5.06	
		12	12	TC	2.71	
		18	18	TC	2.16	
		24	24	TC	1.94	
		36	36	TC	1.97	
R0246	Q359,N449	0	0	TC	47.30	60
		6	6	TC	137.88	
		12	12	TC	308.08	
		18	18	TC	335.70	
		24	24	TC	336.54	
		30	30	TC	338.22	
		36	36	TC	302.22	
		42	42	TC	107.99	
		48	48	TC	32.90	
		54	54	TC	16.12	
		60	60	TC	12.33	
		66	66	TC	10.60	
		72	72	TC	9.69	
		78	78	TC	8.73	
		84	84	TC	7.68	
		90	90	TC	6.89	
		96	96	TC	6.17	
		102	102	TC	5.90	
		108	108	TC	5.73	
		114	114	TC	6.23	
		120	120	TC	4.11	
		126	126	TC	3.90	
R0247	Q358,N358	0	0	TC	6.39	12
		6	6	TC	9.06	
		12	12	TC	13.27	
		18	18	TC	11.46	
		24	24	TC	10.71	
		30	30	TC	12.43	
		36	36	TC	11.35	
		42	42	TC	8.47	
		48	48	TC	6.51	
		54	54	TC	5.03	
		60	60	TC	4.48	
		66	66	TC	3.65	
R0248	Q359,N270	0	0	TC	2.90	6
		0	6	OC	37.53	
		6	6	TC	2.31	
		12	12	TC	2.39	
		18	18	TC	2.44	
		24	24	TC	2.41	
		36	36	TC	2.37	
		42	42	TC	2.31	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0249	Q359,N178	0	0	TC	3.73	6
		0	6	OC	22.00	
		6	6	TC	4.09	
		12	12	TC	2.90	
		18	18	TC	2.66	
		24	24	TC	2.49	
		36	36	TC	2.36	
		42	42	TC	2.44	
R0250	Q358,N090	0	0	TC	5.90	12
		6	6	TC	9.10	
		12	12	TC	6.44	
		18	18	TC	2.82	
		24	24	TC	2.53	
		36	36	TC	2.51	
		42	42	TC	2.62	
R0251	Q272,N089	0	0	TC	2.86	6
		0	6	OC	9.16	
		6	6	TC	2.33	
		12	12	TC	2.29	
		18	18	TC	2.27	
		24	24	TC	2.53	
		36	36	TC	2.03	
		42	42	TC	2.02	
R0252	Q271,N180	0	0	TC	3.99	6
		0	6	OC	43.62	
		6	6	TC	4.55	
		6	12	OC	8.05	
		12	12	TC	5.68	
		18	18	TC	5.39	
		24	24	TC	3.08	
		36	36	TC	2.69	
		42	42	TC	2.68	
R0253	Q270,N269	0	0	TC	3.43	6
		0	6	OC	16.70	
		6	6	TC	2.66	
		12	12	TC	2.65	
		18	18	TC	2.55	
		24	24	TC	2.49	
		36	36	TC	2.58	
		42	42	TC	2.59	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0254	Q268,N358	0	0	TC	2.79	6
		0	6	OC	85.58	
		6	6	TC	2.29	
		12	12	TC	2.32	
		18	18	TC	2.43	
		24	24	TC	2.49	
		36	36	TC	2.43	
		42	42	TC	2.56	
R0255	Q268,N448	0	0	TC	11.91	24
		6	6	TC	9.69	
		12	12	TC	11.54	
		18	18	TC	18.50	
		24	24	TC	10.40	
		30	30	TC	6.55	
		36	36	TC	4.65	
		48	48	TC	3.30	
		60	60	TC	2.76	
		72	72	TC	3.08	
R0256	Q177,O000	0	0	TC	3.59	6
		0	6	OC	13.66	
		6	6	TC	2.44	
		12	12	TC	2.15	
		18	18	TC	2.07	
		24	24	TC	2.21	
		30	30	TC	2.38	
		36	36	TC	2.60	
R0257	Q178,N359	0	0	TC	5.45	12
		6	6	TC	6.18	
		12	12	TC	4.36	
		18	18	TC	2.66	
		24	24	TC	2.43	
		30	30	TC	2.42	
		36	36	TC	2.25	
R0258	Q177,N269	0	0	TC	3.16	6
		0	6	OC	28.05	
		6	6	TC	2.63	
		12	12	TC	2.39	
		18	18	TC	2.44	
		24	24	TC	2.36	
		36	36	TC	2.44	
		42	42	TC	2.38	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0259	Q178,N180	0	0	TC	5.50	12
		6	6	TC	9.10	
		12	12	TC	10.31	
		18	18	TC	4.49	
		24	24	TC	2.67	
		30	30	TC	2.52	
		36	36	TC	2.29	
R0260	Q178,N090	0	0	TC	5.12	12
		6	6	TC	5.09	
		12	12	TC	4.27	
		18	18	TC	3.94	
		24	24	TC	3.10	
		30	30	TC	3.10	
		36	36	TC	2.82	
R0261	Q090,N088	0	0	TC	4.80	6
		0	6	OC	10.76	
		6	6	TC	4.01	
		12	12	TC	2.93	
		18	18	TC	2.89	
		24	24	TC	2.69	
		36	36	TC	2.54	
		42	42	TC	2.60	
R0262	Q087,N178	0	0	TC	7.25	6
		6	6	TC	4.31	
		12	12	TC	3.32	
		18	18	TC	2.75	
		24	24	TC	2.53	
		36	36	TC	2.70	
R0263	Q089,N269	0	0	TC	5.59	12
		6	6	TC	8.99	
		12	12	TC	9.93	
		18	18	TC	4.50	
		24	24	TC	3.06	
		30	30	TC	2.59	
		36	36	TC	2.45	
		42	42	TC	2.47	
R0264	Q088,N359	0	0	TC	5.40	12
		6	6	TC	7.76	
		12	12	TC	6.36	
		18	18	TC	6.29	
		24	24	TC	3.14	
		30	30	TC	2.72	
		36	36	TC	2.71	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0265	Q088,O001	0	0	TC	6.00	6
		6	6	TC	4.88	
		12	12	TC	2.82	
		18	18	TC	2.66	
		24	24	TC	2.61	
		30	30	TC	2.75	
R0266	P045,M046	0	0	TC	15.62	36
		6	6	TC	20.51	
		12	12	TC	26.20	
		18	18	TC	37.76	
		24	24	TC	34.74	
		30	30	TC	29.47	
		36	36	TC	7.23	
		42	42	TC	3.89	
		54	54	TC	3.16	
		66	66	TC	2.96	
		78	78	TC	3.14	
R0267	P047,M132	0	0	TC	11.47	12
		6	6	TC	11.02	
		12	12	TC	14.00	
		18	18	TC	14.21	
		24	24	TC	8.11	
		30	30	TC	3.99	
		42	42	TC	3.30	
		54	54	TC	3.00	
		66	66	TC	2.80	
		78	78	TC	2.97	
R0268	O313,M136	0	0	TC	6.47	6
		6	6	TC	3.73	
		12	12	TC	3.11	
		18	18	TC	3.03	
		24	24	TC	2.97	
		36	36	TC	2.93	
		48	48	TC	3.29	
		60	60	TC	3.61	
		72	72	TC	3.44	
		78	78	TC	2.94	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0269	O233,L449	0	0	TC	52.47	108
		6	6	TC	74.00	
		12	12	TC	100.98	
		18	18	TC	120.53	
		24	24	TC	114.51	
		30	30	TC	120.45	
		36	36	TC	146.35	
		42	42	TC	134.31	
		48	48	TC	125.40	
		54	54	TC	130.51	
		60	60	TC	168.63	
		66	66	TC	310.53	
		72	72	TC	399.30	
		78	78	TC	280.67	
		84	84	TC	145.86	
		90	90	TC	82.83	
		96	96	TC	44.63	
		102	102	TC	40.26	
R0270	O173,M093	0	0	TC	5.65	6
		6	6	TC	4.53	
		12	12	TC	3.61	
		18	18	TC	3.54	
		24	24	TC	3.55	
		30	30	TC	3.46	
		36	36	TC	3.28	
R0271	O091,M110	0	0	TC	6.59	54
		6	6	TC	5.13	
		12	12	TC	4.83	
		18	18	TC	5.21	
		24	24	TC	7.08	
		30	30	TC	8.31	
		36	36	TC	8.54	
		42	42	TC	13.31	
		48	48	TC	18.75	
R0272	O089,M180	0	0	TC	11.27	48
		6	6	TC	8.70	
		12	12	TC	7.19	
		18	18	TC	8.27	
		24	24	TC	11.02	
		30	30	TC	10.45	
		36	36	TC	14.54	
		42	42	TC	17.49	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0273	O000,M116	0	0	TC	48.39	42
		6	6	TC	137.21	
		12	12	TC	383.42	
		18	18	TC	488.07	
		24	24	TC	192.55	
		30	30	TC	62.12	
		36	36	TC	27.96	
		42	42	TC	13.86	
		48	48	TC	8.09	
		54	54	TC	7.17	
		60	60	TC	6.66	
		66	66	TC	6.19	
		72	72	TC	5.97	
		78	78	TC	5.68	
		84	84	TC	4.89	
		96	96	TC	3.70	
		108	108	TC	3.82	
R0274	N359,M191	0	0	TC	7.52	6
		6	6	TC	4.89	
		12	12	TC	3.51	
		18	18	TC	3.18	
		24	24	TC	3.19	
		30	30	TC	3.12	
		36	36	TC	3.15	
R0275	N356,M273	0	0	TC	16.19	12
		6	6	TC	5.65	
		12	12	TC	3.37	
		18	18	TC	3.14	
		24	24	TC	3.16	
		30	30	TC	3.28	
		36	36	TC	3.35	
R0276	O097,M217	0	0	TC	5.92	6
		6	6	TC	3.96	
		12	12	TC	2.58	
		18	18	TC	2.33	
		24	24	TC	2.62	
		30	30	TC	3.01	
		36	36	TC	3.14	
		42	42	TC	3.15	
		48	48	TC	2.97	
		54	54	TC	2.99	
		60	60	TC	2.68	
		66	66	TC	2.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0277	O000,N404	0	0	TC	15.02	48
		6	6	TC	15.00	
		12	12	TC	17.23	
		18	18	TC	23.08	
		24	24	TC	23.32	
		30	30	TC	22.87	
		36	36	TC	23.29	
		42	42	TC	19.42	
		48	48	TC	6.12	
		54	54	TC	3.96	
		60	60	TC	3.88	
		72	72	TC	3.45	
		84	84	TC	3.98	
		96	96	TC	2.94	
		108	108	TC	2.40	
		120	120	TC	2.66	
R0278	R270,O087	0	0	TC	5.57	6
		6	6	TC	2.73	
		12	12	TC	2.43	
		18	18	TC	2.46	
		24	24	TC	2.38	
		30	30	TC	2.37	
		36	36	TC	2.25	
		42	42	TC	2.23	
R0279	R268,O179	0	0	TC	4.15	6
		0	6	OC	5.40	
		6	6	TC	2.61	
		12	12	TC	2.24	
		18	18	TC	2.41	
		24	24	TC	2.38	
		30	30	TC	2.24	
		36	36	TC	2.11	
		42	42	TC	2.14	
R0280	R269,O268	0	0	TC	16.00	12
		6	6	TC	5.60	
		12	12	TC	2.78	
		18	18	TC	2.35	
		24	24	TC	2.36	
		36	36	TC	2.24	
		48	48	TC	2.18	
		54	54	TC	2.08	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0281	R180,O269	0	0	TC	8.80	18
		6	6	TC	15.53	
		12	12	TC	16.67	
		18	18	TC	6.57	
		24	24	TC	3.87	
		30	30	TC	3.01	
		36	36	TC	2.77	
		42	42	TC	2.95	
R0282	R180,O181	0	0	TC	7.38	48
		6	6	TC	5.42	
		12	12	TC	4.79	
		18	18	TC	8.56	
		24	24	TC	17.83	
		30	30	TC	17.33	
		36	36	TC	20.68	
		42	42	TC	17.08	
		48	48	TC	6.94	
		54	54	TC	3.96	
		60	60	TC	3.06	
		66	66	TC	2.82	
		78	78	TC	3.14	
R0283	R184,O078	0	0	TC	10.08	12
		6	6	TC	15.94	
		12	12	TC	14.50	
		18	18	TC	8.92	
		24	24	TC	5.56	
		30	30	TC	7.27	
		36	36	TC	7.34	
		42	42	TC	6.76	
		48	48	TC	3.47	
		54	54	TC	2.86	
		60	60	TC	2.46	
		66	66	TC	2.38	
		72	72	TC	2.41	
R0284	Q172,O189	0	0	TC	3.96	6
		0	6	OC	86.37	
		6	6	TC	3.56	
		12	12	TC	5.26	
		18	18	TC	6.97	
		24	24	TC	7.01	
		30	30	TC	3.56	
		36	36	TC	2.62	
		48	48	TC	2.44	
		60	60	TC	2.56	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0285	Q179,O270	0	0	TC	8.31	12
		6	6	TC	9.35	
		12	12	TC	8.54	
		18	18	TC	4.87	
		24	24	TC	5.44	
		30	30	TC	11.64	
		36	36	TC	11.05	
		42	42	TC	5.05	
		48	48	TC	3.47	
		54	54	TC	3.09	
R0286	Q179,O361	0	0	TC	24.28	18
		6	6	TC	33.15	
		12	12	TC	22.02	
		18	18	TC	7.10	
		24	24	TC	4.06	
		36	36	TC	3.46	
		42	42	TC	3.33	
R0287	Q090,O357	0	0	TC	2.95	6
		0	6	OC	31.79	
		6	6	TC	2.64	
		12	12	TC	2.48	
		18	18	TC	2.19	
		24	24	TC	2.30	
		36	36	TC	2.60	
R0288	Q087,O268	0	0	TC	4.81	12
		6	6	TC	5.45	
		12	12	TC	5.28	
		18	18	TC	3.25	
		24	24	TC	2.60	
		30	30	TC	2.51	
		42	42	TC	2.34	
R0289	Q087,O177	0	0	TC	4.30	12
		6	6	TC	5.21	
		12	12	TC	2.93	
		18	18	TC	2.29	
		24	24	TC	2.41	
		30	30	TC	2.52	
R0290	Q088,O091	0	0	TC	3.27	0
		6	6	TC	2.43	
		12	12	TC	2.54	
		18	18	TC	2.56	
		24	24	TC	2.51	
		30	30	TC	2.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0291	P358,O088	0	0	TC	3.79	6
		0	6	OC	41.16	
		6	6	TC	2.38	
		12	12	TC	2.28	
		18	18	TC	2.22	
		24	24	TC	2.32	
		30	30	TC	2.30	
		36	36	TC	2.32	
R0292	P359,O181	0	0	TC	6.09	6
		6	6	TC	4.22	
		12	12	TC	2.68	
		18	18	TC	2.44	
		24	24	TC	2.38	
		30	30	TC	2.40	
		36	36	TC	2.29	
		42	42	TC	2.42	
R0293	P358,O272	0	0	TC	5.84	12
		6	6	TC	5.63	
		12	12	TC	3.95	
		18	18	TC	3.16	
		24	24	TC	2.78	
		36	36	TC	2.48	
		42	42	TC	2.63	
R0294	P359,O360	0	0	TC	5.62	12
		6	6	TC	6.38	
		12	12	TC	4.86	
		18	18	TC	4.10	
		24	24	TC	4.30	
		30	30	TC	3.75	
		36	36	TC	3.29	
		42	42	TC	3.20	
R0295	P267,O270	0	0	TC	5.47	12
		6	6	TC	5.57	
		12	12	TC	3.81	
		18	18	TC	3.19	
		24	24	TC	2.68	
		36	36	TC	2.54	
		42	42	TC	2.64	
R0296	P267,O177	0	0	TC	26.32	24
		6	6	TC	80.03	
		12	12	TC	75.24	
		18	18	TC	19.88	
		24	24	TC	6.59	
		30	30	TC	4.01	
		36	36	TC	3.81	
		42	42	TC	3.70	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0297	P267,O086	0	0	TC	39.10	18
		6	6	TC	90.67	
		12	12	TC	22.60	
		18	18	TC	7.49	
		24	24	TC	3.75	
		36	36	TC	3.16	
		42	42	TC	3.23	
R0298	P178,O089	0	0	TC	6.42	6
		6	6	TC	3.47	
		12	12	TC	2.47	
		18	18	TC	2.42	
		24	24	TC	2.39	
		30	30	TC	2.45	
		36	36	TC	2.54	
R0299	P177,O180	0	0	TC	17.82	60
		0	12	OC	84.52	
		6	6	TC	38.78	
		12	12	TC	56.43	
		12	24	OC	114.72	
		18	18	TC	46.94	
		24	24	TC	50.82	
		24	36	OC	118.49	
		30	30	TC	67.32	
		36	36	TC	80.36	
		36	48	OC	143.79	
		42	42	TC	30.61	
		48	48	TC	12.38	
		48	60	OC	20.20	
		54	54	TC	5.75	
		60	60	TC	3.86	
		60	72	OC	3.63	
		72	84	SS	0.91	
		72	84	OC	2.69	
		84	96	OC	3.38	
		96	108	OC	1.79	
		108	126	OC	1.78	
		108	126	SS	1.31	
		126	144	SS	1.33	
		126	144	OC	4.30	
R0300	P177,O271	0	0	TC	6.10	6
		6	6	TC	4.47	
		12	12	TC	3.29	
		18	18	TC	2.97	
		24	24	TC	2.46	
		36	36	TC	2.51	
		42	42	TC	2.65	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0301	P089,O178	0	0	TC	9.61	12
		6	6	TC	11.12	
		12	12	TC	5.66	
		18	18	TC	3.06	
		24	24	TC	2.60	
		36	36	TC	2.35	
		42	42	TC	2.60	
R0302	P089,O089	0	0	TC	8.17	12
		6	6	TC	7.61	
		12	12	TC	3.28	
		18	18	TC	2.60	
		24	24	TC	2.57	
		30	30	TC	2.39	
		36	36	TC	2.29	
R0303	P000,O091	0	0	TC	8.95	6
		6	6	TC	4.84	
		12	12	TC	2.83	
		18	18	TC	2.57	
		24	24	TC	2.52	
		30	30	TC	2.80	
		36	36	TC	3.12	
		42	42	TC	3.84	
		48	48	TC	4.02	
		54	54	TC	3.32	
		60	60	TC	2.72	
		66	66	TC	2.67	
R0304	O358,O177	0	0	TC	9.27	12
		6	6	TC	7.83	
		12	12	TC	5.64	
		18	18	TC	4.93	
		24	24	TC	3.80	
		36	36	TC	2.79	
R0305	O269,O090	0	0	TC	12.77	6
		6	6	TC	4.83	
		12	12	TC	2.74	
		18	18	TC	2.29	
		24	24	TC	2.26	
		36	36	TC	3.05	
		60	66	OC	2.75	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0306	O188,O088	0	0	TC	20.93	12
		6	6	TC	15.76	
		12	12	TC	8.17	
		18	18	TC	4.60	
		24	24	TC	3.72	
		36	36	TC	3.11	
		48	48	TC	3.61	
		60	60	TC	3.30	
		72	72	TC	3.54	
R0307	S181,N268	0	0	TC	8.04	12
		6	6	TC	10.51	
		12	12	TC	9.54	
		18	18	TC	10.17	
		24	24	TC	8.65	
		30	30	TC	3.95	
		36	36	TC	2.89	
		42	42	TC	2.87	
R0308	Q180,O090	0	0	TC	4.48	6
		0	6	OC	60.11	
		6	6	TC	3.38	
		12	12	TC	2.48	
		18	18	TC	2.45	
		24	24	TC	2.50	
		36	36	TC	2.47	
R0309	S126,N106	0	0	TC	21.01	12
		6	6	TC	12.62	
		12	12	TC	4.56	
		18	18	TC	2.68	
		24	24	TC	2.33	
		36	36	TC	2.45	
R0310	S174,N180	0	0	TC	4.93	6
		0	6	OC	19.14	
		6	6	TC	3.70	
		12	12	TC	2.57	
		18	18	TC	2.09	
		24	24	TC	2.03	
		36	36	TC	2.08	
		42	42	TC	2.08	
R0311	Q045,N042	0	0	TC	5.62	12
		6	6	TC	5.77	
		12	12	TC	3.17	
		18	18	TC	2.74	
		24	24	TC	2.76	
		36	36	TC	2.59	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0312	Q044,N132	0	0	TC	8.55	24
		6	6	TC	17.98	
		12	12	TC	20.79	
		18	18	TC	20.96	
		24	24	TC	13.97	
		30	30	TC	10.87	
		36	36	TC	5.26	
		36	42	SS	3.20	
		36	42	OC	4.22	
R0313	Q042,N225	0	0	TC	4.49	6
		0	6	OC	71.48	
		0	6	OC	4.88	
		6	6	TC	4.46	
		12	12	TC	3.19	
		18	18	TC	2.80	
		24	24	TC	2.23	
		36	36	TC	2.10	
R0314	Q045,N315	0	0	TC	6.42	12
		6	6	TC	5.22	
		12	12	TC	3.70	
		18	18	TC	2.63	
		24	24	TC	2.38	
		36	36	TC	2.18	
		42	42	TC	2.35	
R0315	P315,N044	0	0	TC	4.88	6
		0	6	OC	780.07	
		6	6	TC	2.85	
		12	12	TC	2.67	
		18	18	TC	2.42	
		24	24	TC	2.29	
		36	36	TC	2.32	
R0316	P318,N138	0	0	TC	9.46	18
		6	6	TC	23.02	
		12	12	TC	20.30	
		18	18	TC	4.62	
		24	24	TC	3.28	
		24	30	OC	2.79	
		36	36	TC	2.83	
R0317	P318,N234	0	0	TC	6.53	12
		6	6	TC	7.84	
		12	12	TC	6.68	
		18	18	TC	3.48	
		18	24	OC	2.15	
		24	24	TC	2.90	
		36	36	TC	2.77	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0318	P314,N318	0	0	TC	5.59	12
		6	6	TC	8.04	
		12	12	TC	4.01	
		18	18	TC	2.65	
		24	24	TC	2.54	
		36	36	TC	2.57	
		42	42	TC	2.53	
R0319	P089,M031	0	0	TC	21.20	18
		6	6	TC	25.33	
		12	12	TC	18.98	
		18	18	TC	12.24	
		24	24	TC	4.65	
		30	30	TC	3.66	
		36	36	TC	3.53	
R0320	Q150,O332	0	0	TC	61.95	18
		0	6	OC	79.45	
		6	6	TC	79.45	
		12	12	TC	21.26	
		18	18	TC	7.60	
		24	24	TC	4.60	
		30	36	OC	1.81	
		36	36	TC	3.95	
		42	42	TC	4.89	
R0321	S269,N269	0	0	TC	5.42	18
		6	6	TC	10.89	
		12	12	TC	37.79	
		18	18	TC	10.30	
		24	24	TC	3.43	
		30	30	TC	3.27	
		36	36	TC	2.26	
		42	42	TC	2.10	
R0322	S270,N180	0	0	TC	4.83	18
		6	6	TC	8.26	
		12	12	TC	17.83	
		18	18	TC	7.17	
		24	24	TC	3.01	
		36	36	TC	2.48	
		42	42	TC	2.42	
R0323	S268,N114	0	0	TC	3.43	0
		6	6	TC	2.38	
		12	12	TC	1.89	
		18	18	TC	1.67	
		24	24	TC	1.53	
		30	30	TC	1.42	
		36	36	TC	1.35	
		42	42	TC	1.39	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0324	S271,M449	0	0	TC	4.65	0
		6	6	TC	3.74	
		12	12	TC	2.37	
		18	18	TC	2.16	
		24	24	TC	1.61	
		36	36	TC	1.71	
		42	42	TC	1.81	
R0325	S269,M360	0	0	TC	5.11	6
		6	6	TC	2.82	
		12	12	TC	2.23	
		18	18	TC	2.04	
		24	24	TC	2.05	
		30	30	TC	2.10	
		36	36	TC	2.16	
		42	42	TC	1.75	
R0326	S270,M269	0	0	TC	4.76	0
		6	6	TC	2.80	
		12	12	TC	2.11	
		18	18	TC	1.60	
		24	24	TC	1.63	
		36	36	TC	1.58	
		42	42	TC	1.62	
R0327	S271,M180	0	0	TC	5.35	6
		6	6	TC	3.12	
		12	12	TC	2.10	
		18	18	TC	1.81	
		24	24	TC	1.72	
		30	30	TC	1.57	
		36	36	TC	1.47	
		42	42	TC	1.47	
R0328	S270,M090	0	0	TC	5.13	6
		6	6	TC	2.29	
		12	12	TC	1.67	
		18	18	TC	1.61	
		24	24	TC	1.60	
		36	36	TC	1.55	
		42	42	TC	1.65	
R0329	S270,M000	0	0	TC	4.26	0
		6	6	TC	2.65	
		12	12	TC	2.34	
		18	18	TC	1.90	
		24	24	TC	1.63	
		36	36	TC	1.69	
		42	42	TC	1.88	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0330	S210,N093	0	0	TC	4.65	0
		6	6	TC	2.69	
		12	12	TC	1.96	
		18	18	TC	1.90	
		24	24	TC	1.70	
		30	30	TC	1.75	
		36	36	TC	1.79	
		42	42	TC	1.86	
R0331	S209,N181	0	0	TC	5.45	12
		6	6	TC	20.71	
		12	12	TC	10.04	
		18	18	TC	3.87	
		24	24	TC	2.97	
		30	30	TC	2.81	
		36	36	TC	2.46	
		42	42	TC	2.48	
R0332	S204,N251	0	0	TC	3.19	0
		6	6	TC	2.42	
		12	12	TC	1.97	
		18	18	TC	1.82	
		24	24	TC	1.87	
		30	30	TC	1.82	
		36	36	TC	1.69	
		42	42	TC	1.72	
R0333	Q002,M039	0	6	OC	122.88	6
R0334	Q000,L416	0	6	OC	598.82	6
R0335	S359,L448	0	0	TC	10.73	24
		6	6	TC	19.90	
		12	12	TC	22.16	
		18	18	TC	16.07	
		24	24	TC	4.53	
		30	30	TC	2.50	
R0336	T000,M088	0	0	TC	3.89	6
		0	6	OC	7.64	
		6	6	TC	4.35	
		12	12	TC	4.59	
		18	18	TC	4.99	
		24	24	TC	2.94	
		30	30	TC	2.57	
R0337	S359,M179	0	0	TC	5.41	12
		6	6	TC	5.15	
		12	12	TC	2.23	
		18	18	TC	1.75	
		24	24	TC	1.75	
		30	30	TC	1.74	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0338	T002,M268	0	0	TC	6.59	12
		6	6	TC	5.37	
		12	12	TC	5.30	
		18	18	TC	2.58	
		24	24	TC	1.98	
		30	30	TC	1.82	
R0339	T000,M358	0	0	TC	17.16	12
		6	6	TC	20.74	
		12	12	TC	9.94	
		18	18	TC	3.29	
		24	24	TC	2.12	
		30	30	TC	2.43	
R0340	T000,M449	0	0	TC	3.82	6
		0	6	OC	11.11	
		6	6	TC	1.79	
		12	12	TC	1.63	
		18	18	TC	1.63	
		24	24	TC	1.65	
		30	30	TC	1.71	
R0341	T001,N089	0	0	TC	4.65	12
		0	6	OC	21.46	
		6	6	TC	5.15	
		12	12	TC	3.37	
		18	18	TC	3.47	
		24	24	TC	2.04	
		30	30	TC	1.91	
R0342	T000,N178	0	0	TC	4.03	6
		0	6	OC	49.55	
		6	6	TC	1.97	
		12	12	TC	1.75	
		18	18	TC	1.68	
		24	24	TC	1.74	
		30	30	TC	1.65	
R0343	T000,N267	0	0	TC	3.31	6
		0	6	OC	25.37	
		6	6	TC	1.93	
		12	12	TC	1.86	
		18	18	TC	1.83	
		24	24	TC	1.84	
		30	30	TC	1.76	
		36	36	TC	1.77	
R0344	T090,L448	0	0	TC	11.60	12
		6	6	TC	15.06	
		12	12	TC	5.51	
		18	18	TC	2.86	
		24	24	TC	2.30	
		30	30	TC	2.10	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0345	T109,M088	0	0	TC	2.00	0
		0	6	OC	3.70	
		6	6	TC	1.83	
		12	12	TC	1.70	
		18	18	TC	1.44	
		24	24	TC	1.38	
		30	30	TC	1.44	
R0346	T080,M179	0	0	TC	6.68	6
		6	6	TC	2.94	
		12	12	TC	1.95	
		18	18	TC	1.59	
R0347	T091,M267	0	0	TC	3.14	6
		0	6	OC	11.42	
		6	6	TC	1.87	
		12	12	TC	1.39	
		18	18	TC	1.39	
		24	24	TC	1.36	
		30	30	TC	1.46	
R0348	T091,M358	0	0	TC	7.17	12
		6	6	TC	6.25	
		12	12	TC	3.00	
		18	18	TC	1.91	
		24	24	TC	1.70	
		30	30	TC	1.45	
R0349	T091,M447	0	0	TC	5.35	6
		6	6	TC	4.63	
		12	12	TC	4.45	
		18	18	TC	8.34	
		24	24	TC	3.05	
		30	30	TC	2.65	
R0350	T090,N088	0	0	TC	2.60	6
		0	6	SS	18.63	
		0	6	OC	21.72	
		6	6	TC	1.41	
		12	12	TC	1.10	
		18	18	TC	0.91	
		24	24	TC	0.88	
		30	30	TC	0.89	
		36	36	TC	0.85	
		42	42	TC	0.83	
		48	48	TC	0.87	
		54	54	TC	0.84	
		60	60	TC	0.80	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0351	T089,N178	0	0	TC	6.70	12
		6	6	TC	6.83	
		12	12	TC	2.59	
		18	18	TC	1.96	
		24	24	TC	1.68	
		30	30	TC	1.83	
R0352	T092,N256	0	0	TC	4.92	6
		0	6	OC	15.02	
		6	6	TC	4.06	
		12	12	TC	1.94	
		18	18	TC	1.73	
		24	24	TC	1.67	
		30	30	TC	1.60	
R0353	T180,N269	0	0	TC	3.21	6
		0	6	OC	8.23	
		6	6	TC	2.07	
		12	12	TC	1.75	
		18	18	TC	1.69	
		24	24	TC	1.66	
		30	30	TC	1.68	
R0354	T180,N178	0	0	TC	4.23	6
		0	6	OC	15.20	
		6	6	TC	2.50	
		12	12	TC	1.76	
		18	18	TC	1.66	
		24	24	TC	1.67	
		30	30	TC	1.61	
R0355	T182,N090	0	0	TC	5.04	6
		6	6	TC	3.13	
		12	12	TC	1.74	
		18	18	TC	1.60	
		24	24	TC	1.50	
		30	30	TC	1.57	
R0356	T180,M449	0	0	TC	3.86	6
		0	6	OC	13.47	
		6	6	TC	1.99	
		12	12	TC	1.45	
		18	18	TC	1.55	
		24	24	TC	1.64	
R0357	T180,M359	0	0	TC	6.84	12
		6	6	TC	9.29	
		12	12	TC	6.49	
		18	18	TC	2.46	
		24	24	TC	1.82	
		30	30	TC	1.65	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0358	T180,M268	0	0	TC	5.33	6
		6	6	TC	2.98	
		12	12	TC	1.74	
		18	18	TC	1.57	
		24	24	TC	1.37	
		30	30	TC	1.46	
R0359	T179,M180	0	0	TC	6.38	6
		6	6	TC	3.37	
		12	12	TC	1.94	
		18	18	TC	1.52	
		24	24	TC	1.43	
R0360	T200,M089	0	0	TC	15.99	6
		6	6	TC	3.20	
		12	12	TC	2.16	
		18	18	TC	1.90	
		24	24	TC	1.68	
R0361	T179,L449	0	0	TC	35.46	12
		6	6	TC	21.39	
		12	12	TC	3.91	
		18	18	TC	2.17	
		24	24	TC	1.64	
R0362	T261,M271	0	0	TC	33.88	18
		6	6	TC	63.17	
		12	12	TC	60.32	
		18	18	TC	13.84	
		24	24	TC	3.67	
		30	30	TC	2.64	
R0363	T268,M359	0	0	TC	18.14	12
		6	6	TC	14.88	
		12	12	TC	3.31	
		18	18	TC	1.97	
		24	24	TC	1.67	
		30	30	TC	1.83	
R0364	T268,M449	0	0	TC	18.62	12
		6	6	TC	14.39	
		12	12	TC	3.16	
		18	18	TC	1.75	
		24	24	TC	1.52	
		30	30	TC	1.57	
R0365	T268,N089	0	0	TC	12.22	12
		6	6	TC	10.29	
		12	12	TC	3.55	
		18	18	TC	1.93	
		24	24	TC	1.64	
		30	30	TC	1.63	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0366	T259,N181	0	0	TC	9.70	12
		6	6	TC	9.00	
		12	12	TC	3.02	
		18	18	TC	1.84	
		24	24	TC	1.70	
		30	30	TC	1.67	
R0367	T269,N269	0	0	TC	4.00	6
		0	6	OC	26.79	
		6	6	TC	1.95	
		12	12	TC	1.66	
		18	18	TC	1.65	
		24	24	TC	1.78	
		30	30	TC	1.64	
R0368	T268,N359	0	0	TC	3.56	6
		0	6	OC	6.73	
		6	6	TC	2.26	
		12	12	TC	1.69	
		18	18	TC	1.58	
		24	24	TC	1.96	
		30	30	TC	1.59	
R0369	T269,N449	0	0	TC	4.16	0
		0	6	OC	4.65	
		6	6	TC	2.43	
		12	12	TC	1.72	
		18	18	TC	1.75	
		24	24	TC	1.69	
R0370	T269,O090	0	0	TC	2.53	0
		0	6	OC	4.04	
		6	6	TC	2.76	
		12	12	TC	1.97	
		18	18	TC	1.69	
		24	24	TC	1.56	
		30	30	TC	1.66	
R0371	T350,N181	0	0	TC	27.42	12
		6	6	TC	10.23	
		12	12	TC	3.40	
		18	18	TC	2.69	
		24	24	TC	2.51	
R0372	T358,N269	0	0	TC	16.03	6
		6	6	TC	3.90	
		12	12	TC	2.25	
		18	18	TC	1.98	
		24	24	TC	1.79	
		30	30	TC	1.73	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0373	U000,N358	0	0	TC	25.62	12
		6	6	TC	18.06	
		12	12	TC	3.75	
		18	18	TC	2.17	
		24	24	TC	1.93	
		30	30	TC	1.93	
R0374	U000,N447	0	0	TC	15.20	12
		6	6	TC	14.91	
		12	12	TC	3.51	
		18	18	TC	5.21	
		24	24	TC	8.61	
		30	30	TC	2.04	
		36	36	TC	1.75	
		42	42	TC	3.59	
		48	48	TC	2.14	
		54	54	TC	1.61	
		60	60	TC	1.71	
R0375	U002,O088	0	0	TC	6.76	6
		6	6	TC	4.39	
		12	12	TC	2.30	
		18	18	TC	1.88	
		24	24	TC	2.19	
		30	30	TC	1.75	
R0376	T359,O179	0	0	TC	6.97	6
		6	6	TC	4.86	
		12	12	TC	2.54	
		18	18	TC	1.86	
		24	24	TC	1.81	
		30	30	TC	1.81	
R0377	U000,O268	0	0	TC	3.17	6
		0	6	OC	10.32	
		6	6	TC	2.10	
		12	12	TC	1.84	
		18	18	TC	1.78	
		24	24	TC	1.78	
		30	30	TC	1.74	
R0378	U000,O358	0	0	TC	4.13	6
		0	6	OC	17.85	
		6	6	TC	2.30	
		12	12	TC	3.74	
		18	18	TC	1.64	
		24	24	TC	1.72	
		30	30	TC	1.78	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0379	T359,O449	0	0	TC	5.73	6
		6	6	TC	3.85	
		12	12	TC	1.98	
		18	18	TC	1.66	
		24	24	TC	1.79	
		30	30	TC	1.79	
R0380	U013,P088	0	0	TC	6.14	12
		6	6	TC	6.78	
		12	12	TC	2.39	
		18	18	TC	2.05	
		24	24	TC	1.96	
		30	30	TC	1.86	
R0381	U064,O181	0	0	TC	10.59	6
		6	6	TC	3.45	
		12	12	TC	2.00	
		18	18	TC	1.77	
		24	24	TC	1.80	
		30	30	TC	1.75	
R0382	U077,O269	0	0	TC	9.01	12
		6	6	TC	5.34	
		12	12	TC	1.95	
		18	18	TC	1.82	
		24	24	TC	1.75	
		30	30	TC	1.83	
R0383	U087,O359	0	0	TC	10.54	6
		6	6	TC	4.05	
		12	12	TC	2.47	
		18	18	TC	2.08	
		24	24	TC	1.83	
		30	30	TC	1.83	
R0384	U090,O437	0	0	TC	5.18	6
		6	6	TC	2.38	
		12	12	TC	1.80	
		18	18	TC	1.65	
		24	24	TC	1.73	
		30	30	TC	1.78	
R0385	U089,P088	0	0	TC	4.88	6
		0	6	OC	14.45	
		6	6	TC	2.30	
		12	12	TC	1.92	
		18	18	TC	1.85	
		24	24	TC	1.77	
		30	30	TC	1.70	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0386	U089,P179	0	0	TC	4.35	6
		0	6	OC	11.80	
		6	6	TC	2.22	
		12	12	TC	1.82	
		18	18	TC	1.63	
		24	24	TC	1.71	
		30	30	TC	1.71	
R0387	U089,P268	0	0	TC	4.94	6
		0	6	OC	19.35	
		6	6	TC	2.25	
		12	12	TC	1.79	
		18	18	TC	1.77	
		24	24	TC	1.77	
		30	30	TC	1.79	
R0388	U089,P359	0	0	TC	5.86	6
		6	6	TC	2.25	
		12	12	TC	1.95	
		18	18	TC	1.93	
		24	24	TC	1.80	
		30	30	TC	1.88	
R0389	U100,Q001	0	0	TC	5.64	6
		6	6	TC	2.31	
		12	12	TC	1.94	
		18	18	TC	1.94	
		24	24	TC	1.93	
		30	30	TC	1.94	
R0390	U110,Q091	0	0	TC	4.51	6
		0	6	OC	17.59	
		6	6	TC	4.23	
		12	12	TC	2.79	
		18	18	TC	1.84	
		24	24	TC	1.77	
		30	30	TC	1.96	
R0391	U172,P179	0	0	TC	14.14	12
		6	6	TC	5.49	
		12	12	TC	2.46	
		18	18	TC	2.04	
		24	24	TC	1.92	
		30	30	TC	1.78	
		36	36	TC	1.81	
R0392	U180,P269	0	0	TC	10.75	6
		6	6	TC	3.34	
		12	12	TC	2.05	
		18	18	TC	1.94	
		24	24	TC	1.96	
		30	30	TC	1.86	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0393	U179,P359	0	0	TC	6.01	6
		6	6	TC	2.52	
		12	12	TC	2.11	
		18	18	TC	2.03	
		24	24	TC	1.96	
		30	30	TC	1.94	
R0394	U179,Q000	0	0	TC	3.95	6
		0	6	OC	7.31	
		6	6	TC	3.56	
		12	12	TC	2.96	
		18	18	TC	1.93	
		24	24	TC	1.98	
		30	30	TC	1.91	
		36	36	TC	1.99	
R0395	U179,Q088	0	0	TC	2.71	0
		0	6	OC	4.38	
		6	6	TC	2.35	
		12	12	TC	2.21	
		18	18	TC	2.13	
		24	24	TC	2.06	
		30	30	TC	2.01	
R0396	U178,Q178	0	0	TC	2.44	0
		0	6	OC	3.43	
		6	6	TC	2.15	
		12	12	TC	1.71	
		18	18	TC	1.63	
		24	24	TC	1.60	
		30	30	TC	1.74	
R0397	U181,Q280	0	0	TC	1.69	0
		0	6	OC	1.96	
		6	6	TC	1.62	
		12	12	TC	1.48	
		18	18	TC	1.47	
		24	24	TC	1.53	
		30	30	TC	1.56	
R0398	U179,Q360	0	0	TC	1.54	0
		0	6	OC	2.06	
		6	6	TC	1.49	
		12	12	TC	1.95	
		18	18	TC	1.82	
		24	24	TC	1.80	
		30	30	TC	1.79	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0399	U249,Q357	0	0	TC	2.13	6
		0	6	OC	267.33	
		6	6	TC	2.50	
		12	12	TC	2.98	
		18	18	TC	3.55	
		24	24	TC	3.61	
		36	36	TC	3.57	
		48	48	TC	1.90	
		60	60	TC	1.46	
		72	72	TC	1.53	
R0400	U248,Q448	0	0	TC	1.87	0
		6	6	TC	2.24	
		12	12	TC	2.28	
		18	18	TC	2.39	
		24	24	TC	2.44	
		30	30	TC	2.41	
		36	36	TC	2.34	
R0401	U179,R005	0	0	TC	1.99	0
		0	6	OC	0.98	
		6	6	TC	2.40	
		12	12	TC	2.62	
		18	18	TC	2.48	
		24	24	TC	2.52	
		30	30	TC	2.40	
		36	36	TC	2.33	
R0402	U223,R090	0	0	TC	2.64	0
		0	6	OC	2.34	
		6	6	TC	2.77	
		12	12	TC	2.61	
		18	18	TC	2.19	
		24	24	TC	2.23	
		30	30	TC	2.04	
		36	36	TC	1.99	
R0403	U235,R190	0	0	TC	2.39	0
		0	6	OC	3.60	
		6	6	TC	3.00	
		12	12	TC	2.58	
		18	18	TC	2.51	
		24	24	TC	2.52	
R0404	U236,R223	0	0	TC	2.14	0
		0	6	OC	3.02	
		6	6	TC	2.62	
		12	12	TC	2.61	
		18	18	TC	2.51	
		24	24	TC	2.50	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0405	U196,R228	0	0	TC	2.75	0
		0	6	OC	2.79	
		6	6	TC	2.62	
		12	12	TC	2.65	
		18	18	TC	2.41	
		24	24	TC	2.47	
		30	30	TC	2.43	
R0407	U189,R089	0	0	TC	2.69	6
		0	6	OC	9.70	
		6	6	TC	3.22	
		12	12	TC	2.55	
		18	18	TC	2.56	
		24	24	TC	2.45	
		30	30	TC	2.46	
R0408	T359,L448	0	0	TC	3.29	6
		0	6	OC	24.92	
		6	6	TC	2.18	
		12	12	TC	1.55	
		18	18	TC	1.58	
		24	24	TC	1.42	
		30	30	TC	1.44	
R0409	T359,M088	0	0	TC	3.15	12
		0	6	OC	23.35	
		6	6	TC	5.06	
		12	12	TC	3.26	
		18	18	TC	1.91	
		24	24	TC	1.74	
		30	30	TC	1.62	
R0410	T359,M179	0	0	TC	5.78	6
		6	6	TC	4.48	
		12	12	TC	2.25	
		18	18	TC	1.81	
		24	24	TC	1.51	
		30	30	TC	1.57	
R0411	T359,M269	0	0	TC	9.56	12
		6	6	TC	14.86	
		12	12	TC	13.24	
		18	18	TC	4.03	
		24	24	TC	2.29	
		30	30	TC	1.83	
R0412	U015,M359	0	0	TC	11.69	12
		6	6	TC	17.31	
		12	12	TC	8.92	
		18	18	TC	3.09	
		24	24	TC	2.09	
		30	30	TC	1.87	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0413	U068,M097	0	0	TC	2.76	6
		0	6	OC	21.25	
		6	6	TC	3.50	
		12	12	TC	3.06	
		18	18	TC	1.93	
		24	24	TC	1.85	
		30	30	TC	1.72	
R0414	U089,M177	0	0	TC	3.48	6
		0	6	OC	7.20	
		6	6	TC	3.81	
		12	12	TC	2.58	
		18	18	TC	2.30	
		24	24	TC	2.23	
		30	30	TC	1.86	
		36	36	TC	1.76	
		42	42	TC	1.72	
R0415	U092,M269	0	0	TC	3.43	6
		0	6	OC	6.13	
		6	6	TC	2.43	
		12	12	TC	2.28	
		18	18	TC	2.25	
		24	24	TC	2.24	
		30	30	TC	1.89	
		36	36	TC	1.94	
R0416	U090,M360	0	0	TC	3.44	6
		0	6	OC	5.67	
		6	6	TC	2.19	
		12	12	TC	1.99	
		18	18	TC	1.69	
		24	24	TC	1.63	
		30	30	TC	1.45	
R0417	U089,M449	0	0	TC	2.99	6
		0	6	OC	21.17	
		6	6	TC	4.64	
		12	12	TC	2.76	
		18	18	TC	1.85	
		24	24	TC	1.58	
		30	30	TC	1.54	
R0418	U089,N089	0	0	TC	5.06	6
		6	6	TC	2.87	
		12	12	TC	2.09	
		18	18	TC	1.93	
		24	24	TC	1.81	
		30	30	TC	1.69	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0419	U090,N180	0	0	TC	4.62	6
		0	6	OC	44.24	
		0	6	SS	59.79	
		6	6	TC	3.40	
		12	12	TC	2.05	
		18	18	TC	2.18	
		24	24	TC	2.01	
		30	30	TC	1.98	
R0420	U091,N269	0	0	TC	6.18	12
		6	6	TC	8.92	
		12	12	TC	5.02	
		18	18	TC	2.18	
		24	24	TC	1.96	
		30	30	TC	2.08	
R0421	U100,N358	0	0	TC	12.10	12
		6	6	TC	14.99	
		12	12	TC	4.47	
		18	18	TC	2.34	
		24	24	TC	1.91	
		30	30	TC	1.81	
R0422	U180,M365	0	0	TC	2.02	6
		0	6	OC	14.27	
		6	6	TC	2.15	
		12	12	TC	2.42	
		18	18	TC	2.60	
		24	24	TC	2.05	
		30	30	TC	1.48	
R0423	U180,N000	0	0	TC	2.76	6
		0	6	OC	6.38	
		0	6	OC	2.43	
		6	6	TC	2.46	
		12	12	TC	3.20	
		18	18	TC	3.28	
		24	24	TC	1.95	
		30	30	TC	1.98	
R0424	U182,N089	0	0	TC	2.81	0
		0	6	OC	2.74	
		6	6	TC	2.26	
		12	12	TC	2.09	
		18	18	TC	2.25	
		24	24	TC	2.07	
		30	30	TC	1.63	
		36	36	TC	1.61	
		42	42	TC	1.65	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0425	U179,N178	0	0	TC	2.84	6
		0	6	SS	7.42	
		0	6	OC	8.17	
		6	6	TC	2.17	
		12	12	TC	1.94	
		18	18	TC	1.89	
		24	24	TC	1.86	
		30	30	TC	1.86	
R0426	U179,N269	0	0	TC	3.07	6
		0	6	OC	6.00	
		6	6	TC	2.35	
		12	12	TC	1.99	
		18	18	TC	1.89	
		24	24	TC	1.85	
		30	30	TC	1.89	
R0427	U179,N359	0	0	TC	3.03	6
		0	6	OC	17.87	
		6	6	TC	1.90	
		12	12	TC	1.91	
		18	18	TC	1.73	
		24	24	TC	1.81	
		30	30	TC	1.86	
R0428	U179,N449	0	0	TC	3.48	6
		0	6	OC	19.27	
		6	6	TC	2.22	
		12	12	TC	1.82	
		18	18	TC	1.76	
		24	24	TC	1.78	
		30	30	TC	1.86	
R0429	U179,O089	0	0	TC	4.53	6
		0	6	OC	17.99	
		6	6	TC	3.01	
		12	12	TC	2.05	
		18	18	TC	1.93	
		24	24	TC	2.01	
		30	30	TC	1.78	
R0430	U179,O180	0	0	TC	8.23	12
		6	6	TC	5.53	
		12	12	TC	2.83	
		18	18	TC	2.05	
		24	24	TC	1.91	
		30	30	TC	1.91	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0431	U181,O269	0	0	TC	18.09	18
		6	6	TC	25.46	
		12	12	TC	15.49	
		18	18	TC	4.72	
		24	24	TC	2.59	
		30	30	TC	2.23	
R0432	U192,O359	0	0	TC	15.77	12
		6	6	TC	15.00	
		12	12	TC	5.39	
		18	18	TC	2.62	
		24	24	TC	2.12	
		30	30	TC	1.90	
R0433	U243,N272	0	0	TC	2.49	6
		0	6	OC	17.18	
		6	6	TC	2.33	
		12	12	TC	2.51	
		18	18	TC	2.52	
		24	24	TC	1.91	
		30	30	TC	1.72	
		36	36	TC	1.64	
		42	42	TC	1.61	
R0434	U267,N364	0	0	TC	2.28	6
		0	6	OC	18.08	
		6	6	TC	2.38	
		12	12	TC	2.37	
		18	18	TC	1.86	
		24	24	TC	1.72	
		30	30	TC	1.56	
		36	36	TC	1.74	
		42	42	TC	1.80	
R0435	U270,N449	0	0	TC	2.65	6
		0	6	OC	17.39	
		6	6	TC	2.29	
		12	12	TC	2.65	
		18	18	TC	3.71	
		24	24	TC	3.63	
		30	30	TC	3.37	
		36	36	TC	2.66	
		42	42	TC	2.09	
R0436	U270,O090	0	0	TC	3.20	6
		0	6	SS	25.72	
		0	6	OC	15.06	
		6	6	TC	2.41	
		12	12	TC	1.79	
		18	18	TC	1.72	
		24	24	TC	1.77	
		30	30	TC	1.92	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0437	U271,O180	0	0	TC	3.34	6
		0	6	OC	11.71	
		6	6	TC	2.21	
		12	12	TC	1.94	
		18	18	TC	1.94	
		24	24	TC	1.91	
		30	30	TC	1.83	
R0438	U272,O270	0	0	TC	3.45	6
		0	6	OC	6.07	
		6	6	TC	2.60	
		12	12	TC	2.02	
		18	18	TC	2.00	
		24	24	TC	1.89	
		30	30	TC	1.87	
R0439	U271,O359	0	0	TC	3.31	6
		0	6	OC	19.92	
		6	6	TC	2.10	
		12	12	TC	1.91	
		18	18	TC	1.80	
		24	24	TC	1.83	
		30	30	TC	1.86	
R0440	U269,O448	0	0	TC	3.20	6
		0	6	OC	19.77	
		6	6	TC	2.28	
		12	12	TC	2.11	
		18	18	TC	1.99	
		24	24	TC	1.87	
		30	30	TC	1.78	
R0441	U271,P088	0	0	TC	2.21	6
		0	6	OC	21.36	
		6	6	TC	1.79	
		12	12	TC	1.85	
		18	18	TC	1.83	
		24	24	TC	1.85	
		30	30	TC	1.77	
R0442	U271,P179	0	0	TC	3.37	6
		0	6	OC	48.19	
		6	6	TC	2.36	
		12	12	TC	1.93	
		18	18	TC	1.96	
		24	24	TC	1.84	
		30	30	TC	1.75	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0443	U280,P268	0	0	TC	10.59	12
		0	6	OC	49.53	
		6	6	TC	5.77	
		12	12	TC	2.98	
		18	18	TC	2.33	
		24	24	TC	2.23	
		30	30	TC	2.12	
R0444	U325,O000	0	0	TC	2.51	6
		0	6	OC	11.76	
		6	6	TC	1.84	
		12	12	TC	1.57	
		18	18	TC	1.54	
		24	24	TC	1.62	
		30	30	TC	1.70	
R0445	U349,O090	0	0	TC	2.05	0
		0	6	OC	3.38	
		6	6	TC	2.27	
		12	12	TC	1.84	
		18	18	TC	1.83	
		24	24	TC	1.87	
		30	30	TC	1.77	
R0446	U357,O180	0	0	TC	2.78	0
		6	6	TC	2.52	
		12	12	TC	1.88	
		18	18	TC	1.52	
		24	24	TC	1.52	
		30	30	TC	1.60	
		36	36	TC	1.49	
R0447	V000,O268	0	0	TC	2.36	0
		0	6	OC	3.01	
		6	6	TC	2.10	
		12	12	TC	1.99	
		18	18	TC	2.01	
		24	24	TC	1.65	
		30	30	TC	1.79	
		36	36	TC	1.65	
		42	42	TC	1.67	
R0448	U343,O356	0	0	TC	2.44	0
		0	6	OC	4.51	
		6	6	TC	2.38	
		12	12	TC	2.04	
		18	18	TC	1.95	
		24	24	TC	1.89	
		30	30	TC	2.00	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0449	U359,O449	0	0	TC	2.90	6
		0	6	OC	7.14	
		6	6	TC	2.23	
		12	12	TC	1.92	
		18	18	TC	1.88	
		24	24	TC	1.86	
		30	30	TC	1.70	
R0450	U359,P179	0	0	TC	1.89	6
		0	6	OC	32.85	
		6	6	TC	1.96	
		12	12	TC	2.19	
		18	18	TC	2.15	
		24	24	TC	1.95	
		30	30	TC	1.82	
		36	36	TC	1.69	
		42	42	TC	1.63	
R0451	V000,P269	0	0	TC	2.01	6
		0	6	OC	34.52	
		6	6	TC	2.03	
		12	12	TC	2.26	
		18	18	TC	2.29	
		24	24	TC	2.41	
		30	30	TC	2.38	
		36	36	TC	2.24	
R0452	V001,P359	0	0	TC	1.92	6
		0	6	OC	31.58	
		6	6	TC	2.15	
		12	12	TC	2.20	
		18	18	TC	2.07	
		24	24	TC	1.93	
		30	30	TC	1.82	
		36	36	TC	2.10	
R0453	U359,P089	0	0	TC	1.70	6
		0	6	OC	36.49	
		6	6	TC	2.25	
		12	12	TC	2.83	
		18	18	TC	3.42	
		24	24	TC	4.19	
		30	30	TC	4.15	
R0454	U155,M270	0	6	OC	10.08	6
R0455	U230,N088	0	6	OC	8.19	6
R0456	U255,N179	0	6	OC	9.92	6
R0457	U279,N269	0	6	OC	2.75	0
R0458	U304,N358	0	6	OC	7.47	6
R0459	V039,O269	0	6	OC	8.39	6

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0460	V063,O359	0	6	OC	10.83	6
		0	6	OC	4.31	
R0461	V087,O449	0	6	OC	1.73	0
R0462	V090,P089	0	6	OC	6.65	6
R0463	V091,P177	0	6	OC	3.82	0
R0464	V095,P270	0	6	OC	1.99	0
R0465	V057,P356	0	6	OC		0
		0	6	OC	4.21	
R0466	V000,P448	0	6	OC	0.50	0
R0467	V000,Q089	0	6	OC	3.95	0
R0468	V002,Q180	0	6	OC	3.35	0
R0469	V000,Q270	0	6	OC	10.21	6
R0470	V001,Q359	0	6	OC	3.48	0
R0471	V001,Q449	0	6	OC	7.20	6
		0	6	OC	21.17	
R0472	V002,R089	0	6	OC	11.55	6
R0473	V001,R179	0	6	OC	7.53	6
R0474	V001,R225	0	6	OC	5.82	6
R0475	V055,R226	0	6	OC	12.21	6
R0476	V030,Q449	0	6	OC	11.78	6
R0477	V035,Q359	0	6	OC	3.42	0
R0478	V046,Q270	0	6	OC	10.99	6
R0479	V058,Q181	0	6	OC	5.43	6
R0480	V070,Q091	0	6	OC	5.42	6
R0481	T000,L359	0	0	TC	9.19	12
		6	6	TC	7.35	
		12	12	TC	3.63	
		18	18	TC	2.51	
		24	24	TC	1.88	
		30	30	TC	1.73	
		36	36	TC	1.78	
R0482	S357,L270	0	0	TC	5.49	6
		6	6	TC	3.75	
		12	12	TC	2.37	
		18	18	TC	1.99	
		24	24	TC	1.78	
		30	30	TC	1.72	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0483	S345,L182	0	0	TC	3.91	6
		0	6	OC	19.89	
		6	6	TC	2.06	
		12	12	TC	1.83	
		18	18	TC	1.73	
		24	24	TC	1.60	
		30	30	TC	1.64	
		36	36	TC	1.58	
R0484	S342,L092	0	0	TC	7.18	12
		6	6	TC	12.05	
		12	12	TC	8.34	
		18	18	TC	2.78	
		24	24	TC	1.75	
		30	30	TC	1.64	
R0485	T016,K445	0	0	TC	3.50	6
		0	6	OC	8.79	
		6	6	TC	2.41	
		12	12	TC	1.59	
		18	18	TC	1.60	
		24	24	TC	1.58	
		30	30	TC	1.69	
R0486	T011,K358	0	0	TC	1.80	6
		0	6	OC	33.28	
		6	6	TC	1.60	
		12	12	TC	1.79	
		18	18	TC	1.81	
		24	24	TC	2.07	
		30	30	TC	2.18	
R0487	T000,K271	0	0	TC	5.69	12
		6	6	TC	5.05	
		12	12	TC	2.79	
		18	18	TC	2.01	
		24	24	TC	1.87	
		30	30	TC	1.57	
R0488	T000,K180	0	0	TC	6.12	6
		6	6	TC	2.75	
		12	12	TC	2.21	
		18	18	TC	2.17	
		24	24	TC	2.02	
		30	30	TC	2.04	
		36	36	TC	2.09	
R0489	T005,K089	0	0	TC	5.54	12
		6	6	TC	5.30	
		12	12	TC	3.00	
		18	18	TC	2.51	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0490	S358,K000	0	0	TC	5.38	6
		6	6	TC	2.92	
		12	12	TC	2.09	
		18	18	TC	1.78	
		24	24	TC	1.76	
		30	30	TC	1.73	
R0491	S348,J359	0	0	TC	4.18	6
		0	6	OC	17.88	
		6	6	TC	2.46	
		12	12	TC	2.18	
		18	18	TC	1.69	
		24	24	TC	1.63	
		30	30	TC	1.70	
		36	36	TC	1.57	
R0492	S339,J272	0	0	TC	3.87	6
		0	6	OC	25.83	
		6	6	TC	2.65	
		12	12	TC	1.97	
		18	18	TC	1.57	
		24	24	TC	1.47	
		30	30	TC	1.48	
R0493	T089,L359	0	0	TC	4.72	12
		6	6	TC	5.30	
		12	12	TC	11.35	
		18	18	TC	4.15	
		24	24	TC	2.14	
		30	30	TC	1.77	
		36	36	TC	1.69	
		42	42	TC	1.62	
R0494	T088,L269	0	0	TC	11.52	12
		6	6	TC	12.66	
		12	12	TC	5.01	
		18	18	TC	3.08	
		24	24	TC	2.03	
		30	30	TC	1.60	
		36	36	TC	1.33	
		42	42	TC	1.42	
R0495	T078,L181	0	0	TC	6.47	12
		6	6	TC	7.84	
		12	12	TC	3.57	
		18	18	TC	2.23	
		24	24	TC	1.84	
		30	30	TC	1.62	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0496	T089,L090	0	0	TC	2.97	6
		0	6	OC	20.60	
		6	6	TC	1.95	
		12	12	TC	1.69	
		18	18	TC	1.63	
		24	24	TC	1.71	
		30	30	TC	1.70	
R0497	T088,L000	0	0	TC	5.99	12
		6	6	TC	5.13	
		12	12	TC	2.39	
		18	18	TC	1.89	
		24	24	TC	1.72	
		30	30	TC	1.67	
R0498	T088,K359	0	0	TC	3.50	6
		0	6	OC	22.29	
		6	6	TC	1.94	
		12	12	TC	1.55	
		18	18	TC	1.57	
		24	24	TC	1.45	
		30	30	TC	1.43	
R0499	T179,L359	0	0	TC	14.90	12
		6	6	TC	11.18	
		12	12	TC	6.70	
		18	18	TC	3.53	
		24	24	TC	2.43	
		30	30	TC	1.98	
R0500	T178,L270	0	0	TC	6.77	12
		6	6	TC	6.08	
		12	12	TC	3.32	
		18	18	TC	3.35	
		24	24	TC	2.52	
		30	30	TC	1.78	
R0501	S270,L001	0	0	TC	13.44	12
		6	6	TC	10.39	
		12	12	TC	3.73	
		18	18	TC	3.38	
		24	24	TC	2.10	
		30	30	TC	2.13	
		36	36	TC	2.29	
		42	42	TC	2.28	
R0502	S269,K359	0	0	TC	7.29	12
		6	6	TC	11.25	
		12	12	TC	9.58	
		18	18	TC	5.47	
		24	24	TC	2.98	
		30	30	TC	2.31	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0503	S262,K271	0	0	TC	15.83	12
		6	6	TC	8.35	
		12	12	TC	6.86	
		18	18	TC	3.98	
		24	24	TC	2.48	
		30	30	TC	2.00	
		36	36	TC	1.86	
R0504	S277,K179	0	0	TC	10.74	12
		6	6	TC	22.51	
		12	12	TC	11.98	
		18	18	TC	3.46	
		24	24	TC	2.39	
		30	30	TC	2.11	
R0505	S268,K089	0	0	TC	11.87	18
		6	6	TC	14.17	
		12	12	TC	17.85	
		18	18	TC	8.76	
		24	24	TC	4.01	
		30	30	TC	2.53	
		36	36	TC	2.21	
R0506	S268,J449	0	0	TC	10.01	12
		6	6	TC	5.97	
		12	12	TC	3.89	
		18	18	TC	2.50	
		24	24	TC	2.52	
R0507	S252,J359	0	0	TC	2.63	6
		0	6	OC	465.52	
		0	6	SS	5.31	
		0	6	OC	6.24	
		6	6	TC	2.08	
		12	12	TC	2.31	
		18	18	TC	2.14	
		24	24	TC	2.03	
		30	30	TC	2.08	
R0508	S239,J270	0	0	TC	14.92	12
		6	6	TC	21.20	
		12	12	TC	7.24	
		18	18	TC	3.28	
		24	24	TC	2.83	
		30	30	TC	2.77	
		36	36	TC	2.81	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0509	S228,J186	0	0	TC	9.08	12
		6	6	TC	6.46	
		12	12	TC	3.62	
		18	18	TC	2.73	
		24	24	TC	2.62	
		30	30	TC	2.65	
		36	36	TC	2.97	
R0510	S215,J090	0	0	TC	14.37	12
		6	6	TC	24.19	
		12	12	TC	5.94	
		18	18	TC	3.25	
		24	24	TC	2.72	
		30	30	TC	2.65	
		36	36	TC	2.73	
R0511	S214,I448	0	0	TC	5.82	12
		6	6	TC	8.46	
		12	12	TC	9.78	
		18	18	TC	3.90	
		24	24	TC	2.81	
		30	30	TC	2.55	
R0512	S240,I359	0	0	TC	2.22	6
		0	6	OC	5.84	
		6	6	TC	2.37	
		12	12	TC	2.60	
		18	18	TC	2.37	
		24	24	TC	2.45	
		30	30	TC	2.40	
R0513	S242,I268	0	0	TC	1.97	6
		0	6	OC	11.35	
		6	6	TC	2.06	
		12	12	TC	2.17	
		18	18	TC	2.01	
		24	24	TC	2.19	
		30	30	TC	2.40	
		36	36	TC	2.58	
R0514	S240,I180	0	0	TC	3.45	6
		0	6	OC	8.71	
		6	6	TC	3.50	
		12	12	TC	3.03	
		18	18	TC	2.40	
		24	24	TC	2.29	
		30	30	TC	2.24	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0515	S238,I090	0	0	TC	3.52	0
		0	6	OC	2.56	
		6	6	TC	2.60	
		12	12	TC	2.39	
		18	18	TC	2.49	
		24	24	TC	2.35	
		30	30	TC	2.38	
		36	36	TC	2.50	
R0516	S240,H449	0	0	TC	2.81	0
		0	6	OC	3.64	
		6	6	TC	2.70	
		12	12	TC	2.82	
		18	18	TC	2.54	
		24	24	TC	2.35	
		30	30	TC	2.28	
R0517	S181,I358	0	0	TC	3.50	6
		0	6	OC	32.91	
		6	6	TC	3.45	
		12	12	TC	3.29	
		18	18	TC	3.16	
		24	24	TC	2.61	
R0518	S154,I449	0	0	TC	10.80	12
		6	6	TC	14.92	
		12	12	TC	10.46	
		18	18	TC	4.14	
		24	24	TC	3.00	
		30	30	TC	2.46	
R0519	S172,J089	0	0	TC	7.36	18
		6	6	TC	11.52	
		12	12	TC	15.69	
		18	18	TC	7.14	
		24	24	TC	4.06	
		30	30	TC	3.13	
		36	36	TC	2.86	
R0520	S178,J179	0	0	TC	5.45	12
		6	6	TC	6.65	
		12	12	TC	4.84	
		18	18	TC	3.21	
		24	24	TC	2.45	
		30	30	TC	2.23	
R0521	S181,J269	0	0	TC	7.91	12
		6	6	TC	6.35	
		12	12	TC	6.03	
		18	18	TC	5.38	
		24	24	TC	4.93	
		30	30	TC	5.89	
		36	36	TC	5.69	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0522	T150,L180	0	0	TC	12.69	12
		6	6	TC	7.09	
		12	12	TC	4.15	
		18	18	TC	2.19	
		24	24	TC	2.03	
		30	30	TC	1.73	
R0523	T067,K274	0	0	TC	3.82	6
		0	6	OC	15.74	
		6	6	TC	1.96	
		12	12	TC	1.62	
		18	18	TC	1.46	
		24	24	TC	1.45	
		30	30	TC	1.48	
R0524	S343,J177	0	0	TC	6.04	6
		6	6	TC	4.87	
		12	12	TC	3.03	
		18	18	TC	2.53	
		24	24	TC	2.27	
R0525	S341,J089	0	0	TC	5.86	6
		6	6	TC	3.21	
		12	12	TC	2.57	
		18	18	TC	2.67	
R0526	S333,J000	0	0	TC	4.29	6
		0	6	OC	19.84	
		6	6	TC	3.52	
		12	12	TC	1.90	
		18	18	TC	1.61	
		24	24	TC	1.57	
		30	30	TC	1.46	
R0527	S330,I361	0	0	TC	8.10	6
		6	6	TC	4.50	
		12	12	TC	2.49	
		18	18	TC	2.45	
		24	24	TC	2.42	
		30	30	TC	2.43	
R0528	T270,L361	0	0	TC	20.60	18
		6	6	TC	39.45	
		12	12	TC	31.53	
		18	18	TC	11.15	
		24	24	TC	4.74	
		30	30	TC	3.21	
		36	36	TC	2.49	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0529	T271,L271	0	0	TC	8.97	12
		0	6	OC	56.82	
		6	6	TC	5.33	
		12	12	TC	2.74	
		18	18	TC	2.16	
		24	24	TC	1.93	
		30	30	TC	1.70	
		36	36	TC	1.64	
R0530	T268,L181	0	0	TC	6.04	6
		6	6	TC	3.73	
		12	12	TC	2.62	
		18	18	TC	2.11	
		24	24	TC	1.85	
		30	30	TC	1.79	
R0531	T270,L088	0	0	TC	3.63	6
		0	6	OC	8.11	
		6	6	TC	4.74	
		12	12	TC	4.22	
		18	18	TC	7.22	
		24	24	TC	5.58	
		30	30	TC	3.56	
		36	36	TC	2.83	
R0532	T263,L003	0	0	TC	3.28	6
		0	6	OC	17.74	
		6	6	TC	1.97	
		12	12	TC	1.94	
		18	18	TC	1.81	
		24	24	TC	1.67	
		30	30	TC	1.79	
		36	36	TC	1.71	
R0533	U072,L449	0	6	OC	11.10	6
R0534	U043,L361	0	6	OC	15.17	6
		6	12	OC	12.95	
R0535	U001,L360	0	0	TC	2.16	0
		0	6	OC	3.76	
		6	6	TC	1.97	
		12	12	TC	2.78	
		18	18	TC	3.48	
		24	24	TC	3.31	
		30	30	TC	2.63	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0536	T358,L271	0	0	TC	3.88	12
		0	6	OC	6.06	
		6	6	TC	5.25	
		12	12	TC	6.20	
		18	18	TC	6.09	
		24	24	TC	5.50	
		30	30	TC	5.26	
R0537	T346,L177	0	6	OC	13.91	6
R0538	T315,L090	0	6	OC	6.37	6
R0539	T181,K360	0	0	TC	11.01	12
		6	6	TC	6.43	
		12	12	TC	4.02	
		18	18	TC	3.31	
		24	24	TC	3.23	
		30	30	TC	2.99	
R0540	T255,K360	0	6	OC	24.41	6
R0541	T177,K270	0	6	OC	31.18	6
		6	12	OC	11.54	
R0542	T179,K180	0	0	TC	5.39	6
		6	6	TC	4.55	
		12	12	TC	3.23	
		18	18	TC	2.71	
		24	24	TC	2.48	
R0543	T218,K179	0	6	OC	18.53	6
R0544	T224,K090	0	6	OC	7.16	6
R0545	T179,K090	0	0	TC	3.48	6
		0	6	SS	15.79	
		0	6	OC	11.98	
		6	6	TC	2.53	
		12	12	TC	1.97	
		18	18	TC	1.73	
		24	24	TC	1.57	
		30	30	TC	1.46	
R0546	T121,K089	0	0	TC	20.85	12
		6	6	TC	14.54	
		12	12	TC	5.69	
		18	18	TC	2.85	
		24	24	TC	2.00	
		30	30	TC	2.05	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0547	T106,J448	0	0	TC	9.77	6
		6	6	TC	4.74	
		12	12	TC	2.79	
		18	18	TC	1.92	
		24	24	TC	1.73	
		30	30	TC	1.50	
R0548	T180,J448	0	0	TC	5.42	6
		6	6	TC	4.33	
		12	12	TC	3.64	
		18	18	TC	2.67	
		24	24	TC	2.02	
		30	30	TC	1.62	
R0549	T231,K000	0	6	OC	12.83	6
R0550	T239,J360	0	6	OC	7.44	6
R0551	T181,J359	0	0	TC	3.80	6
		0	6	OC	19.51	
		6	6	TC	3.21	
		12	12	TC	2.31	
		18	18	TC	1.84	
		24	24	TC	1.56	
		30	30	TC	1.30	
R0552	T091,J359	0	0	TC	8.57	6
		6	6	TC	3.69	
		12	12	TC	2.03	
		18	18	TC	1.47	
		24	24	TC	1.32	
		30	30	TC	1.35	
R0553	T091,J270	0	0	TC	7.32	6
		6	6	TC	4.33	
		12	12	TC	1.74	
		18	18	TC	1.58	
		24	24	TC	1.49	
		30	30	TC	1.29	
R0554	T179,J271	0	0	TC	2.36	6
		0	6	OC	6.63	
		6	6	TC	1.54	
		12	12	TC	1.48	
		18	18	TC	1.42	
		24	24	TC	1.29	
		30	30	TC	1.32	
R0555	T246,J270	0	6	OC	13.17	6
R0556	T254,J180	0	6	OC	14.24	6

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0557	T180,J181	0	0	TC	3.48	6
		0	6	OC	27.05	
		0	6	SS	37.22	
		6	6	TC	2.33	
		12	12	TC	1.49	
		18	18	TC	1.38	
		24	24	TC	1.25	
R0558	T091,J180	0	0	TC	4.06	6
		0	6	OC	19.59	
		6	6	TC	2.25	
		12	12	TC	1.85	
		18	18	TC	1.47	
		24	24	TC	1.32	
		30	30	TC	1.62	
R0559	T090,J090	0	0	TC	2.39	6
		0	6	OC	18.36	
		6	6	TC	1.96	
		12	12	TC	1.67	
		18	18	TC	1.43	
		24	24	TC	1.37	
		30	30	TC	1.54	
R0560	T178,J090	0	6	OC	17.92	6
R0561	T262,J090	0	6	OC	8.47	6
R0562	T269,I449	0	0	TC	3.18	6
		0	6	OC	23.62	
		6	6	TC	2.64	
		12	12	TC	1.84	
		18	18	TC	1.38	
		24	24	TC	1.33	
		30	30	TC	1.39	
R0563	T180,J000	0	0	TC	2.72	6
		0	6	OC	26.16	
		6	6	TC	1.98	
		12	12	TC	1.68	
		18	18	TC	1.42	
		24	24	TC	1.32	
R0564	T091,J000	0	0	TC	2.93	6
		0	6	OC	14.09	
		6	6	TC	2.29	
		12	12	TC	1.84	
		18	18	TC	1.50	
		24	24	TC	1.43	
		30	30	TC	1.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0565	T090,I361	0	0	TC	2.40	6
		0	6	OC	14.68	
		6	6	TC	1.94	
		12	12	TC	1.69	
		18	18	TC	1.80	
		24	24	TC	1.87	
		30	30	TC	1.92	
R0566	T178,I359	0	0	TC	2.25	6
		0	6	OC	15.38	
		6	6	TC	1.77	
		12	12	TC	1.57	
		18	18	TC	1.38	
		24	24	TC	1.28	
		30	30	TC	1.36	
R0567	T269,I358	0	0	TC	4.53	6
		0	6	OC	14.33	
		6	6	TC	3.08	
		12	12	TC	1.89	
		18	18	TC	1.21	
		24	24	TC	1.25	
		30	30	TC	1.20	
R0568	U147,Q089	0	6	OC	15.06	6
R0569	U213,Q089	0	6	OC	18.89	6
		0	6	OC	1.10	
R0570	U208,Q182	0	6	OC	1.96	0
R0571	U139,Q176	0	6	OC	80.46	6
R0572	U146,Q278	0	6	OC	0.87	6
		0	6	OC	80.46	
R0573	U209,Q280	0	6	OC	-0.17	0
R0574	U211,Q359	0	6	OC	0.80	0
R0575	U149,Q360	0	6	OC	0.77	0
R0576	U332,Q012	0	6	OC	5.75	6
R0577	V000,Q079	0	6	OC	5.48	6
R0578	U346,Q197	0	6	OC	6.50	6
R0579	U313,Q109	0	6	OC	21.46	6
R0580	T145,M181	0	6	OC	1.05	0
R0581	T142,M268	0	6	OC	1.64	0
R0582	T144,M360	0	6	OC	-0.09	0
		0	6	SS	0.86	
R0583	U330,Q331	0	6	OC	2.40	0

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0584	U343,Q421	0	6	OC	6.29	6
R0585	T221,M014	0	0	TC	18.00	12
		6	6	TC	14.68	
		12	12	TC	7.48	
		18	18	TC	3.28	
		24	24	TC	2.45	
		30	30	TC	2.13	
		36	36	TC	2.03	
R0586	T251,M157	0	0	TC	76.51	18
		6	6	TC	43.58	
		12	12	TC	15.73	
		18	18	TC	9.29	
		24	24	TC	4.96	
		36	36	TC	2.89	
		48	48	TC	6.47	
		60	60	TC	4.53	
		72	72	TC	3.53	
		78	78	TC	3.09	
R0587	T283,M297	0	0	TC	41.10	12
		6	6	TC	15.14	
		12	12	TC	4.23	
		18	18	TC	2.65	
		24	24	TC	1.86	
		30	30	TC	2.90	
		36	36	TC	6.78	
		42	42	TC	3.58	
		48	48	TC	5.45	
		54	54	TC	4.70	
		60	60	TC	3.23	
R0588	U020,N272	0	0	TC	33.57	12
		6	6	TC	22.02	
		12	12	TC	6.26	
		18	18	TC	3.00	
		24	24	TC	2.35	
		30	30	TC	2.13	
		36	36	TC	2.74	
R0589	U102,O201	0	0	TC	16.33	12
		6	6	TC	12.75	
		12	12	TC	4.50	
		18	18	TC	3.82	
		24	24	TC	3.51	
		30	30	TC	3.03	
		36	36	TC	2.38	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0590	U127,O362	0	0	TC	14.55	12
		6	6	TC	8.75	
		12	12	TC	3.61	
		18	18	TC	2.57	
		24	24	TC	2.36	
		30	30	TC	2.33	
		36	36	TC	2.56	
R0591	U196,P247	0	0	TC	18.67	12
		6	6	TC	18.84	
		12	12	TC	5.92	
		18	18	TC	4.21	
R0592	U244,Q087	0	0	TC	2.41	0
		6	6	TC	2.76	
		12	12	TC	2.80	
		18	18	TC	2.13	
		24	24	TC	2.17	
		30	30	TC	2.27	
		36	36	TC	5.64	
		42	42	TC	6.88	
		42	48	SS	1.82	
		42	48	OC	6.01	
		48	48	TC	4.45	
R0593	T133,M448	0	6	OC	2.93	0
R0594	T136,N089	0	6	OC	6.87	6
R0595	T136,N269	0	6	OC	4.21	0
R0596	T136,N180	0	6	OC	3.13	0
R0597	T178,N361	0	0	TC	3.34	0
		0	6	OC	1.27	
		6	6	TC	1.76	
		12	12	TC	1.52	
		18	18	TC	1.56	
		24	24	TC	1.57	
		30	30	TC	1.62	
		42	42	TC	1.66	
		54	54	TC	1.73	
		60	60	TC	1.74	
R0598	T181,O000	0	0	TC	2.71	0
		0	6	SS	0.76	
		0	6	OC	1.47	
		6	6	TC	1.71	
		12	12	TC	1.64	
		18	18	TC	1.67	
		24	24	TC	1.64	
		36	36	TC	1.52	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0599	T180,O091	0	0	TC	2.76	0
		0	6	OC	1.22	
		0	6	SS	0.61	
		6	6	TC	1.74	
		12	12	TC	1.69	
		18	18	TC	1.68	
		24	24	TC	1.67	
		30	30	TC	1.78	
		36	36	TC	1.81	
R0600	T181,O179	0	0	TC	3.52	6
		0	6	OC	7.85	
		6	6	TC	2.58	
		12	12	TC	2.59	
		18	18	TC	2.53	
		24	24	TC	2.35	
		36	36	TC	2.20	
		48	48	TC	2.13	
R0601	T181,O270	0	0	TC	20.50	12
		6	6	TC	10.00	
		12	12	TC	4.15	
		18	18	TC	2.58	
		24	24	TC	2.17	
		36	36	TC	2.46	
		48	48	TC	2.25	
R0602	T181,O360	0	0	TC	5.74	6
		6	6	TC	2.83	
		12	12	TC	2.25	
		18	18	TC	2.12	
		24	24	TC	2.02	
		36	36	TC	2.19	
		42	42	TC	2.28	
R0603	T181,O449	0	0	TC	9.09	6
		6	6	TC	4.82	
		12	12	TC	3.14	
		18	18	TC	2.40	
		24	24	TC	2.10	
		36	36	TC	2.15	
		42	42	TC	2.16	
R0604	T182,P089	0	0	TC	6.70	6
		6	6	TC	3.03	
		12	12	TC	2.39	
		18	18	TC	2.21	
		24	24	TC	2.09	
		36	36	TC	1.97	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0605	T181,P180	0	0	TC	15.50	12
		6	6	TC	10.60	
		12	12	TC	10.75	
		18	18	TC	4.29	
		24	24	TC	2.63	
		30	30	TC	2.30	
		36	36	TC	2.10	
		42	42	TC	2.09	
		48	48	TC	2.05	
R0606	T179,P269	0	0	TC	3.32	6
		0	6	OC	22.08	
		6	6	TC	1.91	
		12	12	TC	2.01	
		18	18	TC	2.00	
		24	24	TC	2.01	
		30	30	TC	2.08	
		36	36	TC	2.29	
R0607	T182,P361	0	0	TC	4.19	6
		0	6	OC	14.80	
		6	6	TC	2.47	
		12	12	TC	2.33	
		18	18	TC	2.40	
		24	24	TC	2.60	
		30	30	TC	2.54	
		36	36	TC	2.46	
R0608	T179,P447	0	0	TC	8.01	12
		6	6	TC	10.00	
		12	12	TC	7.58	
		18	18	TC	4.16	
		24	24	TC	2.90	
		30	30	TC	2.60	
		36	36	TC	2.63	
R0609	T270,P448	0	0	TC	6.76	6
		6	6	TC	4.06	
		12	12	TC	2.44	
		18	18	TC	1.94	
		24	24	TC	1.89	
		36	36	TC	1.90	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0610	T269,P360	0	0	TC	3.13	6
		0	6	OC	21.52	
		0	6	SS	24.91	
		6	6	TC	2.23	
		12	12	TC	1.99	
		18	18	TC	1.87	
		24	24	TC	1.84	
		30	30	TC	1.95	
		36	36	TC	2.00	
		42	42	TC	1.76	
R0611	T269,P269	0	0	TC	5.08	6
		6	6	TC	2.85	
		12	12	TC	2.09	
		18	18	TC	1.93	
		24	24	TC	1.85	
		36	36	TC	1.78	
		42	42	TC	1.80	
R0612	T269,P180	0	0	TC	6.05	6
		6	6	TC	3.61	
		12	12	TC	2.37	
		18	18	TC	2.03	
		24	24	TC	1.90	
		36	36	TC	1.78	
R0613	T270,P089	0	0	TC	8.71	12
		6	6	TC	6.06	
		12	12	TC	3.90	
		18	18	TC	3.40	
		24	24	TC	3.42	
		30	30	TC	3.30	
		36	36	TC	2.57	
R0614	T269,P000	0	0	TC	5.01	6
		6	6	TC	2.50	
		12	12	TC	1.97	
		18	18	TC	1.88	
		24	24	TC	1.94	
		36	36	TC	1.96	
R0615	T269,O361	0	0	TC	4.74	6
		0	6	OC	6.63	
		6	6	TC	4.41	
		12	12	TC	2.87	
		18	18	TC	2.14	
		24	24	TC	2.14	
		30	30	TC	1.96	
		36	36	TC	1.85	
		42	42	TC	1.95	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0616	T269,O270	0	0	TC	3.28	6
		0	6	OC	5.28	
		6	6	TC	1.91	
		12	12	TC	1.88	
		18	18	TC	1.87	
		24	24	TC	1.85	
		36	36	TC	1.84	
R0617	T272,O179	0	0	TC	4.62	6
		0	6	OC	21.24	
		6	6	TC	2.79	
		12	12	TC	2.12	
		18	18	TC	2.05	
		24	24	TC	1.87	
		36	36	TC	1.77	
R0618	U001,P178	0	0	TC	7.44	12
		6	6	TC	8.26	
		12	12	TC	7.58	
		18	18	TC	3.75	
		24	24	TC	1.96	
		36	36	TC	1.69	
R0619	U001,P272	0	0	TC	3.59	6
		0	6	OC	25.87	
		6	6	TC	2.29	
		12	12	TC	1.99	
		18	18	TC	1.83	
		24	24	TC	1.74	
		36	36	TC	1.78	
R0620	U001,P357	0	0	TC	3.25	6
		0	6	OC	7.39	
		6	6	TC	2.03	
		12	12	TC	1.87	
		18	18	TC	1.81	
		24	24	TC	1.95	
		36	36	TC	2.01	
R0621	U000,P449	0	0	TC	3.19	6
		0	6	OC	55.38	
		6	6	TC	2.74	
		12	12	TC	3.32	
		18	18	TC	3.18	
		24	24	TC	2.85	
		36	36	TC	2.69	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0622	T074,N359	0	0	TC	4.28	6
		0	6	OC	14.66	
		6	6	TC	2.39	
		12	12	TC	1.76	
		18	18	TC	1.55	
		24	24	TC	1.55	
		36	36	TC	1.70	
		42	42	TC	1.72	
R0623	T074,N448	0	0	TC	5.64	6
		6	6	TC	3.83	
		12	12	TC	2.26	
		18	18	TC	1.91	
		24	24	TC	1.79	
		36	36	TC	1.82	
R0624	T108,O089	0	0	TC	2.92	0
		0	6	OC	1.49	
		6	6	TC	1.77	
		12	12	TC	1.72	
		18	18	TC	1.78	
		24	24	TC	1.75	
		36	36	TC	1.81	
		42	42	TC	1.81	
R0625	T091,O179	0	0	TC	3.25	0
		0	6	OC	1.79	
		6	6	TC	2.07	
		12	12	TC	1.99	
		18	18	TC	1.98	
		24	24	TC	2.01	
		36	36	TC	1.89	
R0626	T095,O263	0	0	TC	3.24	0
		0	6	OC	4.36	
		6	6	TC	2.20	
		12	12	TC	2.18	
		18	18	TC	2.38	
		24	24	TC	2.66	
		30	30	TC	2.48	
		36	36	TC	2.44	
		42	42	TC	2.43	
R0627	T095,O360	0	0	TC	4.12	0
		0	6	OC	1.33	
		0	6	SS	0.65	
		6	6	TC	2.00	
		12	12	TC	1.76	
		18	18	TC	1.85	
		24	24	TC	1.97	
		36	36	TC	2.13	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0628	T091,O449	0	0	TC	4.99	6
		0	6	OC	80.58	
		6	6	TC	2.24	
		12	12	TC	2.04	
		18	18	TC	2.34	
		24	24	TC	2.21	
		30	30	TC	2.18	
		36	36	TC	2.12	
R0629	T090,P089	0	0	TC	29.05	12
		6	6	TC	12.03	
		12	12	TC	4.85	
		18	18	TC	2.83	
		24	24	TC	2.21	
		30	30	TC	2.18	
		36	36	TC	2.17	
		42	42	TC	2.31	
		48	48	TC	2.43	
R0630	T091,P178	0	0	TC	69.86	24
		6	6	TC	136.60	
		12	12	TC	56.57	
		18	18	TC	15.82	
		24	24	TC	6.67	
		30	30	TC	4.17	
		36	36	TC	3.77	
		42	42	TC	3.14	
R0631	T091,P259	0	0	TC	20.11	24
		6	6	TC	32.46	
		12	12	TC	35.41	
		18	18	TC	25.47	
		24	24	TC	9.00	
		30	30	TC	5.18	
		36	36	TC	4.61	
		42	42	TC	4.03	
R0632	T093,P355	0	0	TC	9.71	12
		6	6	TC	7.41	
		12	12	TC	3.60	
		18	18	TC	2.49	
		24	24	TC	2.23	
		36	36	TC	2.24	
R0633	T089,P447	0	0	TC	4.18	6
		0	6	OC	33.82	
		6	6	TC	2.71	
		12	12	TC	2.32	
		18	18	TC	2.25	
		24	24	TC	2.18	
		36	36	TC	2.27	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0634	T001,P435	0	0	TC	6.45	12
		6	6	TC	5.36	
		12	12	TC	2.89	
		18	18	TC	2.36	
		24	24	TC	2.32	
		36	36	TC	2.34	
		42	42	TC	2.24	
R0635	T001,P362	0	0	TC	8.80	12
		6	6	TC	5.78	
		12	12	TC	2.74	
		18	18	TC	2.25	
		24	24	TC	2.10	
		30	30	TC	2.14	
		36	36	TC	2.28	
		42	42	TC	2.45	
R0636	T000,P268	0	0	TC	16.55	30
		6	6	TC	27.44	
		12	12	TC	31.84	
		18	18	TC	35.54	
		24	24	TC	23.13	
		30	30	TC	11.65	
		36	36	TC	7.87	
R0637	T005,P181	0	0	TC	9.83	12
		6	6	TC	5.82	
		12	12	TC	3.01	
		18	18	TC	2.18	
		24	24	TC	2.37	
		36	36	TC	2.44	
R0638	T002,P089	0	0	TC	35.10	12
		6	6	TC	22.66	
		12	12	TC	8.95	
		18	18	TC	4.43	
		24	24	TC	4.08	
		36	36	TC	4.16	
R0639	T000,P000	0	0	TC	259.58	30
		6	6	TC	298.03	
		12	12	TC	218.50	
		18	18	TC	90.60	
		24	24	TC	25.61	
		30	30	TC	12.91	
		36	36	TC	10.02	
		42	42	TC	6.64	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0640	S357,O359	0	0	TC	14.43	24
		6	6	TC	26.41	
		12	12	TC	58.50	
		18	18	TC	25.13	
		24	24	TC	8.38	
		30	30	TC	5.10	
		36	36	TC	3.89	
R0641	S357,O269	0	0	TC	10.23	18
		6	6	TC	14.65	
		12	12	TC	17.22	
		18	18	TC	10.28	
		24	24	TC	5.28	
		30	30	TC	3.65	
		36	36	TC	3.09	
		42	42	TC	2.60	
R0642	S357,O179	0	0	TC	14.37	48
		6	6	TC	16.24	
		12	12	TC	23.66	
		18	18	TC	32.57	
		24	24	TC	46.21	
		30	30	TC	66.74	
		36	36	TC	107.07	
		42	42	TC	33.09	
		48	48	TC	9.68	
		54	54	TC	7.58	
		60	60	TC	7.36	
R0643	S357,O090	0	0	TC	11.62	18
		6	6	TC	20.51	
		12	12	TC	23.39	
		18	18	TC	12.59	
		24	24	TC	6.44	
		30	30	TC	3.93	
		36	36	TC	3.20	
		42	42	TC	2.86	
R0644	S358,O000	0	0	TC	7.41	12
		6	6	TC	8.24	
		12	12	TC	4.47	
		18	18	TC	2.50	
		24	24	TC	1.94	
		36	36	TC	2.06	
R0645	S357,N359	0	0	TC	5.79	6
		6	6	TC	3.74	
		12	12	TC	3.28	
		18	18	TC	2.59	
		24	24	TC	2.21	
		36	36	TC	1.93	
		42	42	TC	1.80	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0646	U088,Q182	0	0	TC	6.82	6
		0	6	OC	46.23	
		6	6	TC	3.76	
		12	12	TC	2.30	
		18	18	TC	1.94	
		24	24	TC	1.83	
		30	30	TC	1.87	
		36	36	TC	1.94	
		42	42	TC	1.80	
		48	48	TC	1.81	
R0647	U089,Q269	0	0	TC	2.09	6
		0	6	OC	10.61	
		6	6	TC	1.68	
		12	12	TC	1.56	
		18	18	TC	1.64	
		24	24	TC	1.70	
		30	30	TC	1.77	
		36	36	TC	1.50	
R0648	U088,Q360	0	0	TC	13.35	12
		0	6	OC	152.02	
		6	6	TC	17.66	
		12	12	TC	10.37	
		18	18	TC	4.37	
		24	24	TC	3.21	
		30	30	TC	3.35	
		36	36	TC	3.45	
R0649	U088,R000	0	0	TC	4.43	12
		0	6	OC	5.52	
		6	6	TC	7.55	
		12	12	TC	5.16	
		18	18	TC	2.66	
		24	24	TC	1.95	
		30	30	TC	1.84	
		36	36	TC	1.70	
R0650	U089,R091	0	0	TC	1.76	0
		0	6	OC	4.39	
		6	6	TC	1.58	
		12	12	TC	1.55	
		18	18	TC	1.56	
		24	24	TC	1.57	
		30	30	TC	1.55	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0651	U090,R153	0	0	TC	1.37	0
		0	6	OC	1.69	
		6	6	TC	1.51	
		12	12	TC	1.54	
		18	18	TC	1.63	
		24	24	TC	1.61	
		30	30	TC	1.58	
		36	36	TC	1.54	
R0652	T356,R151	0	0	TC	2.39	6
		0	6	OC	6.76	
		6	6	TC	2.73	
		12	12	TC	1.80	
		18	18	TC	1.30	
		24	24	TC	1.24	
		30	30	TC	1.49	
		36	36	TC	1.64	
R0653	T359,R089	0	0	TC	1.88	0
		0	6	OC	2.85	
		6	6	TC	1.76	
		12	12	TC	1.65	
		18	18	TC	1.69	
		24	24	TC	1.71	
		30	30	TC	1.71	
		36	36	TC	1.71	
		42	42	TC	1.65	
R0654	T359,Q449	0	0	TC	1.81	0
		0	6	OC	2.71	
		6	6	TC	1.61	
		12	12	TC	1.58	
		18	18	TC	1.74	
		24	24	TC	1.71	
		30	30	TC	1.66	
		36	36	TC	1.66	
R0655	T359,Q360	0	0	TC	1.86	0
		0	6	OC	0.63	
		6	6	TC	1.51	
		12	12	TC	1.58	
		18	18	TC	1.74	
		24	24	TC	1.80	
		30	30	TC	1.79	
		36	36	TC	1.75	
		42	42	TC	1.70	
		48	48	TC	1.76	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0656	T359,Q270	0	0	TC	3.69	6
		0	6	OC	22.76	
		6	6	TC	3.39	
		12	12	TC	2.53	
		18	18	TC	2.02	
		24	24	TC	1.86	
		30	30	TC	1.64	
		36	36	TC	1.59	
R0657	T359,Q180	0	0	TC	2.11	6
		0	6	OC	46.29	
		6	6	TC	1.88	
		12	12	TC	1.78	
		18	18	TC	1.75	
		24	24	TC	1.77	
		30	30	TC	1.75	
		36	36	TC	1.79	
R0658	U000,Q089	0	0	TC	5.59	12
		0	6	OC	10.96	
		6	6	TC	5.65	
		12	12	TC	4.90	
		18	18	TC	2.84	
		24	24	TC	2.13	
		30	30	TC	1.84	
		36	36	TC	1.74	
R0659	T271,Q091	0	0	TC	13.11	12
		6	6	TC	12.91	
		12	12	TC	4.09	
		18	18	TC	2.53	
		24	24	TC	2.21	
		30	30	TC	2.03	
		36	36	TC	2.39	
R0660	T268,Q189	0	0	TC	2.46	0
		0	6	OC	1.54	
		6	6	TC	2.91	
		12	12	TC	2.66	
		18	18	TC	2.13	
		24	24	TC	1.99	
		30	30	TC	1.81	
		36	36	TC	1.75	
		42	42	TC	1.76	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0661	T268,Q270	0	0	TC	1.92	6
		0	6	OC	19.75	
		6	6	TC	1.86	
		12	12	TC	1.77	
		18	18	TC	1.73	
		24	24	TC	1.81	
		30	30	TC	1.74	
		36	36	TC	1.69	
R0662	T269,R159	0	0	TC	2.60	6
		0	6	OC	6.62	
		6	6	TC	2.51	
		12	12	TC	1.64	
		18	18	TC	1.55	
		24	24	TC	1.56	
		30	30	TC	1.79	
		36	36	TC	1.85	
R0663	T179,R162	0	0	TC	2.38	0
		0	6	OC	4.96	
		6	6	TC	2.71	
		12	12	TC	2.23	
		18	18	TC	1.46	
		24	24	TC	1.41	
		30	30	TC	1.51	
R0664	T089,R164	0	0	TC	2.12	0
		0	6	OC	3.72	
		6	6	TC	1.54	
		12	12	TC	1.42	
		18	18	TC	1.55	
		24	24	TC	1.64	
		30	30	TC	2.11	
R0665	S359,R166	0	0	TC	1.58	0
		0	6	OC	2.99	
		6	6	TC	1.50	
		12	12	TC	1.32	
		18	18	TC	1.26	
R0666	S328,R090	0	0	TC	2.15	0
		0	6	SS	2.75	
		0	6	OC	3.42	
		6	6	TC	1.80	
		12	12	TC	1.23	
		18	18	TC	1.33	
		24	24	TC	1.77	
		30	30	TC	2.08	
		36	36	TC	2.39	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0667	S328,Q448	0	0	TC	2.34	6
		0	6	OC	5.37	
		6	6	TC	2.58	
		12	12	TC	1.83	
		18	18	TC	1.42	
		24	24	TC	1.48	
		30	30	TC	1.83	
		36	36	TC	2.12	
R0668	S326,Q357	0	0	TC	2.14	0
		0	6	OC	4.38	
		6	6	TC	1.91	
		12	12	TC	1.30	
		18	18	TC	1.28	
		24	24	TC	1.74	
		30	30	TC	2.14	
R0669	S323,Q269	0	0	TC	2.71	0
		0	6	SS	3.04	
		0	6	OC	4.59	
		6	6	TC	2.79	
		12	12	TC	2.27	
		18	18	TC	1.85	
		24	24	TC	1.85	
		30	30	TC	2.17	
		36	36	TC	2.24	
R0670	S322,Q179	0	0	TC	2.48	6
		0	6	OC	5.37	
		6	6	TC	2.11	
		12	12	TC	2.00	
		18	18	TC	1.88	
		24	24	TC	1.77	
		30	30	TC	1.50	
R0671	S328,Q093	0	0	TC	2.49	6
		0	6	OC	6.37	
		6	6	TC	1.85	
		12	12	TC	1.63	
		18	18	TC	1.88	
		24	24	TC	1.81	
		30	30	TC	2.16	
R0672	S317,Q000	0	0	TC	3.75	6
		0	6	OC	5.46	
		6	6	TC	4.50	
		12	12	TC	2.74	
		18	18	TC	2.21	
		24	24	TC	2.14	
		30	30	TC	2.30	
		36	36	TC	2.26	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0673	T001,Q095	0	0	TC	3.82	6
		0	6	OC	41.01	
		6	6	TC	2.89	
		12	12	TC	1.73	
		18	18	TC	1.70	
		24	24	TC	1.76	
		30	30	TC	1.78	
		36	36	TC	2.02	
R0674	T040,Q182	0	0	TC	1.94	6
		0	6	OC	13.56	
		6	6	TC	1.43	
		12	12	TC	1.18	
		18	18	TC	1.28	
		24	24	TC	1.63	
		30	30	TC	1.80	
		36	36	TC	1.65	
R0675	T035,Q272	0	0	TC	3.17	6
		0	6	OC	26.44	
		6	6	TC	2.50	
		12	12	TC	1.60	
		18	18	TC	1.28	
		24	24	TC	1.43	
		30	30	TC	1.78	
		36	36	TC	1.67	
		42	42	TC	1.55	
R0676	T016,Q363	0	0	TC	1.69	0
		0	6	OC	3.61	
		6	6	TC	1.40	
		12	12	TC	1.14	
		18	18	TC	1.13	
		24	24	TC	1.29	
		30	30	TC	1.70	
		36	36	TC	1.52	
R0677	T000,R000	0	0	TC	1.72	0
		0	6	OC	2.97	
		6	6	TC	1.60	
		12	12	TC	1.31	
		18	18	TC	1.41	
		24	24	TC	1.75	
		30	30	TC	1.96	
		36	36	TC	1.68	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0678	S358,R093	0	0	TC	1.27	0
		0	6	OC	2.70	
		6	6	TC	1.16	
		12	12	TC	1.16	
		18	18	TC	1.36	
		24	24	TC	1.80	
		30	30	TC	2.25	
		36	36	TC	2.24	
		42	42	TC	1.76	
R0679	T091,R095	0	0	TC	1.48	0
		0	6	OC	4.21	
		6	6	TC	1.16	
		12	12	TC	1.06	
		18	18	TC	1.09	
		24	24	TC	1.30	
		30	30	TC	1.58	
		36	36	TC	2.03	
R0680	T094,R000	0	0	TC	1.52	0
		0	6	OC	4.81	
		6	6	TC	1.38	
		12	12	TC	1.16	
		18	18	TC	1.18	
		24	24	TC	1.66	
		30	30	TC	1.86	
R0681	T090,Q364	0	0	TC	1.58	6
		0	6	OC	8.14	
		6	6	TC	1.41	
		12	12	TC	1.23	
		18	18	TC	1.33	
		24	24	TC	1.60	
		30	30	TC	1.87	
		36	36	TC	1.87	
		42	42	TC	1.64	
R0682	T086,Q272	0	0	TC	1.76	6
		0	6	OC	25.66	
		6	6	TC	1.35	
		12	12	TC	1.40	
		18	18	TC	1.69	
		24	24	TC	1.95	
		30	30	TC	2.09	
		36	36	TC	1.78	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0683	T089,Q190	0	0	TC	2.24	6
		0	6	OC	8.93	
		6	6	TC	1.56	
		12	12	TC	1.38	
		18	18	TC	1.66	
		24	24	TC	1.84	
		30	30	TC	1.86	
		36	36	TC	1.76	
		42	42	TC	1.88	
R0684	T091,Q092	0	0	TC	3.38	6
		0	6	OC	20.75	
		6	6	TC	2.42	
		12	12	TC	2.27	
		18	18	TC	2.18	
		24	24	TC	2.08	
		30	30	TC	2.06	
		36	36	TC	2.16	
R0685	T180,Q090	0	0	TC	3.76	6
		0	6	OC	14.77	
		6	6	TC	2.93	
		12	12	TC	2.32	
		18	18	TC	1.84	
		24	24	TC	1.74	
		30	30	TC	1.69	
		36	36	TC	1.65	
R0686	T178,Q181	0	0	TC	2.39	6
		0	6	OC	9.78	
		6	6	TC	1.99	
		12	12	TC	1.79	
		18	18	TC	1.78	
		24	24	TC	1.77	
		30	30	TC	1.92	
		36	36	TC	2.06	
		42	42	TC	1.83	
R0687	T184,Q269	0	0	TC	1.71	0
		0	6	OC	3.11	
		6	6	TC	1.58	
		12	12	TC	1.62	
		18	18	TC	1.68	
		24	24	TC	1.85	
		30	30	TC	1.74	
		36	36	TC	1.55	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0688	T180,Q360	0	0	TC	2.24	0
		0	6	OC	4.38	
		6	6	TC	2.92	
		12	12	TC	2.95	
		18	18	TC	1.98	
		24	24	TC	1.65	
		30	30	TC	1.44	
		36	36	TC	1.51	
R0689	T179,R014	0	0	TC	1.76	0
		0	6	OC	0.32	
		6	6	TC	1.58	
		12	12	TC	1.53	
		18	18	TC	1.57	
		24	24	TC	1.73	
		30	30	TC	1.68	
		36	36	TC	1.56	
		42	42	TC	1.58	
R0690	T181,R090	0	0	TC	1.40	0
		0	6	OC	1.00	
		6	6	TC	1.19	
		12	12	TC	1.26	
		18	18	TC	1.18	
		24	24	TC	1.33	
		30	30	TC	1.43	
		36	36	TC	1.62	
R0691	T270,R088	0	0	TC	1.79	0
		0	6	OC	2.20	
		6	6	TC	1.66	
		12	12	TC	1.59	
		18	18	TC	1.72	
		24	24	TC	1.77	
		30	30	TC	1.71	
		36	36	TC	1.61	
R0692	T271,R000	0	0	TC	1.56	0
		0	6	OC	2.87	
		6	6	TC	1.47	
		12	12	TC	1.56	
		18	18	TC	1.63	
		24	24	TC	1.57	
		30	30	TC	1.59	
		36	36	TC	1.45	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0693	T269,Q358	0	0	TC	1.61	0
		0	6	OC	0.77	
		6	6	TC	1.58	
		12	12	TC	1.63	
		18	18	TC	1.63	
		24	24	TC	1.72	
		30	30	TC	1.81	
		36	36	TC	1.75	
R0694	T007,O423	0	0	TC	288.82	30
		6	6	TC	344.91	
		12	12	TC	109.50	
		18	18	TC	41.10	
		24	24	TC	16.70	
		30	30	TC	6.93	
		36	36	TC	5.57	
		42	42	TC	8.71	
R0695	T000,O130	0	0	TC	11.04	42
		6	6	TC	18.00	
		12	12	TC	24.91	
		18	18	TC	24.33	
		24	24	TC	22.64	
		30	30	TC	18.59	
		36	36	TC	21.09	
		42	42	TC	14.01	
		48	48	TC	7.63	
		54	54	TC	5.86	
		60	60	TC	6.00	
R0696	T000,O226	0	0	TC	9.11	48
		6	6	TC	10.17	
		12	12	TC	12.05	
		18	18	TC	31.15	
		24	24	TC	96.55	
		30	30	TC	237.93	
		36	36	TC	111.65	
		42	42	TC	29.32	
		48	48	TC	14.89	
		54	54	TC	12.02	
		60	60	TC	11.02	
		66	66	TC	9.82	
		72	72	TC	8.77	
		78	78	TC	8.43	
		84	84	TC	7.65	
		90	90	TC	7.15	
		96	96	TC	6.10	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0697	S238,O323	0	0	TC	26.28	12
		0	6	OC	94.64	
		6	6	TC	13.40	
		12	12	TC	5.19	
		18	18	TC	4.08	
		24	24	TC	4.31	
		36	36	TC	3.92	
		48	48	TC	2.28	
		60	60	TC	2.12	
		72	72	TC	1.99	
		84	84	TC	1.86	
		96	96	TC	2.04	
R0698	O320,N448	0	0	TC	41.44	30
		6	6	TC	140.81	
		12	12	TC	226.87	
		18	18	TC	52.91	
		24	24	TC	18.00	
		30	30	TC	7.99	
		36	36	TC	5.46	
		42	42	TC	5.50	
		54	54	TC	4.91	
		66	66	TC	4.22	
		78	78	TC	3.78	
R0699	O321,O048	0	0	TC	14.22	12
		6	6	TC	16.64	
		12	12	TC	5.36	
		18	18	TC	2.91	
		24	24	TC	2.38	
		36	36	TC	2.69	
R0700	O253,O064	0	0	TC	28.97	30
		6	6	TC	39.10	
		12	12	TC	37.09	
		18	18	TC	28.30	
		24	24	TC	25.62	
		30	30	TC	10.43	
		36	36	TC	5.25	
R0701	O326,N323	0	0	TC	13.92	12
		6	6	TC	13.57	
		12	12	TC	6.88	
		18	18	TC	3.76	
		24	24	TC	3.09	
		36	36	TC	2.83	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0702	O107,N203	0	0	TC	181.50	24
		6	6	TC	140.25	
		12	12	TC	53.79	
		18	18	TC	21.62	
		24	24	TC	6.95	
		30	30	TC	3.98	
		36	36	TC	3.75	
		36	42	OC	3.00	
		42	42	TC	3.41	
R0703	O030,N183	0	0	TC	38.20	12
		6	6	TC	46.53	
		12	12	TC	9.84	
		18	18	TC	3.75	
		24	24	TC	2.74	
		36	36	TC	3.11	
R0704	P123,O211	0	0	TC	17.49	12
		6	6	TC	9.17	
		12	12	TC	4.91	
		18	18	TC	3.56	
		24	24	TC	3.18	
		36	36	TC	2.93	
		42	42	TC	3.40	
R0705	S268,L089	0	0	TC	3.97	6
		0	6	OC	58.47	
		6	6	TC	2.44	
		12	12	TC	1.14	
		18	18	TC	0.98	
		24	24	TC	1.03	
R0706	S274,L163	0	0	TC	18.32	12
		6	6	TC	23.76	
		12	12	TC	13.12	
		18	18	TC	5.89	
		24	24	TC	2.25	
		36	36	TC	1.48	
R0707	S255,L264	0	0	TC	66.99	18
		6	6	TC	52.64	
		12	12	TC	23.18	
		18	18	TC	10.41	
		24	24	TC	3.61	
		30	30	TC	2.21	
R0708	S269,L382	0	0	TC	16.50	12
		6	6	TC	7.13	
		12	12	TC	2.43	
		18	18	TC	1.56	
		24	24	TC	1.32	
		36	36	TC	1.30	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0709	S180,L359	0	0	TC	7.23	12
		6	6	TC	11.90	
		12	12	TC	11.62	
		18	18	TC	8.81	
		24	24	TC	9.31	
		30	30	TC	8.15	
		36	36	TC	3.88	
		42	42	TC	2.75	
R0710	S178,L268	0	0	TC	5.77	6
		6	6	TC	3.32	
		12	12	TC	2.81	
		18	18	TC	2.71	
		24	24	TC	2.65	
		30	30	TC	2.47	
		36	36	TC	2.53	
R0711	S178,L181	0	0	TC	14.11	12
		6	6	TC	26.32	
		12	12	TC	12.02	
		18	18	TC	5.21	
R0712	S087,L185	0	0	TC	12.07	12
		6	6	TC	11.64	
		12	12	TC	5.14	
		18	18	TC	3.00	
		24	24	TC	2.72	
		30	30	TC	2.70	
		36	36	TC	2.70	
R0713	S086,L269	0	0	TC	7.57	6
		6	6	TC	4.19	
		12	12	TC	2.80	
		18	18	TC	2.61	
		24	24	TC	2.44	
		30	30	TC	2.62	
		36	36	TC	2.36	
		42	42	TC	2.09	
		48	48	TC	2.04	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0714	S088,L368	0	0	TC	13.22	30
		6	6	TC	23.36	
		12	12	TC	23.94	
		18	18	TC	32.23	
		24	24	TC	22.44	
		30	30	TC	8.94	
		36	36	TC	3.45	
		48	48	TC	3.93	
		60	60	TC	3.74	
		72	72	TC	3.51	
		84	84	TC	2.31	
		96	96	TC	1.88	
		108	108	TC	1.93	
R0715	S000,L362	0	0	TC	18.89	42
		6	6	TC	25.00	
		12	12	TC	28.13	
		18	18	TC	36.88	
		24	24	TC	35.64	
		30	30	TC	32.92	
		36	36	TC	23.43	
		42	42	TC	9.86	
		48	48	TC	4.31	
		54	54	TC	3.23	
		60	60	TC	3.14	
		66	66	TC	2.95	
		72	72	TC	2.72	
		78	78	TC	2.66	
R0716	S000,L267	0	0	TC	5.30	6
		6	6	TC	2.78	
		12	12	TC	2.26	
		18	18	TC	2.14	
		24	24	TC	2.09	
		36	36	TC	2.20	
		42	42	TC	2.27	
R0717	R358,L185	0	0	TC	6.75	12
		6	6	TC	9.09	
		12	12	TC	5.54	
		18	18	TC	2.75	
		24	24	TC	2.38	
		30	30	TC	2.37	
		36	36	TC	2.45	
		42	42	TC	2.35	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0718	R269,L189	0	0	TC	5.28	6
		0	6	OC	25.57	
		6	6	TC	3.53	
		12	12	TC	2.53	
		18	18	TC	2.37	
		24	24	TC	2.41	
		30	30	TC	2.59	
R0719	R272,L269	0	0	TC	3.82	6
		0	6	OC	177.83	
		6	6	TC	2.70	
		12	12	TC	2.49	
		18	18	TC	2.37	
		24	24	TC	2.19	
		30	30	TC	2.26	
R0720	R270,L349	0	0	TC	5.94	6
		6	6	TC	3.68	
		12	12	TC	2.82	
		18	18	TC	2.49	
		24	24	TC	2.41	
		36	36	TC	2.46	
R0721	R273,L395	0	0	TC	17.41	30
		6	6	TC	31.18	
		12	12	TC	39.19	
		18	18	TC	49.58	
		24	24	TC	15.75	
		30	30	TC	4.82	
		36	36	TC	3.37	
		42	42	TC	3.13	
R0722	R180,L355	0	0	TC	6.20	6
		6	6	TC	3.11	
		12	12	TC	2.51	
		18	18	TC	2.35	
		24	24	TC	2.44	
		36	36	TC	2.47	
R0723	R181,L270	0	0	TC	3.11	0
		6	6	TC	2.29	
		12	12	TC	2.31	
		18	18	TC	2.30	
		24	24	TC	2.42	
		30	30	TC	2.37	
		36	36	TC	2.44	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0724	R181,L193	0	0	TC	4.89	6
		0	6	SS	58.20	
		0	6	SS	69.03	
		0	6	OC	75.29	
		6	6	TC	2.85	
		12	12	TC	2.46	
		18	18	TC	2.36	
		24	24	TC	2.34	
		30	30	TC	2.36	
		36	36	TC	2.29	
R0725	R091,L197	0	0	TC	3.98	6
		0	6	OC	12.38	
		6	6	TC	2.51	
		12	12	TC	2.21	
		18	18	TC	2.15	
		24	24	TC	2.10	
		30	30	TC	2.25	
		36	36	TC	2.33	
		42	42	TC	2.31	
R0726	R088,L270	0	0	TC	3.21	6
		0	6	SS	12.40	
		0	6	SS	13.40	
		0	6	OC	13.68	
		6	6	TC	2.41	
		12	12	TC	2.40	
		18	18	TC	2.34	
		24	24	TC	2.24	
		30	30	TC	1.93	
R0727	R087,L361	0	0	TC	12.37	12
		6	6	TC	11.21	
		12	12	TC	3.72	
		18	18	TC	2.78	
		24	24	TC	2.62	
		30	30	TC	2.63	
		36	36	TC	2.76	
R0728	Q358,L361	0	0	TC	9.63	12
		6	6	TC	10.19	
		12	12	TC	5.22	
		18	18	TC	3.68	
		24	24	TC	3.09	
		30	30	TC	2.87	
		36	36	TC	2.60	
		42	42	TC	2.48	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0729	R000,L269	0	0	TC	6.37	6
		6	6	TC	2.62	
		12	12	TC	2.49	
		18	18	TC	2.33	
		24	24	TC	2.36	
		30	30	TC	2.30	
		36	36	TC	2.19	
R0730	R001,L186	0	0	TC	11.92	12
		6	6	TC	12.91	
		12	12	TC	9.79	
		18	18	TC	6.96	
		24	24	TC	4.70	
		30	30	TC	3.04	
		42	42	TC	2.56	
		54	54	TC	2.68	
		66	66	TC	2.63	
		78	78	TC	2.67	
		90	90	TC	2.31	
		102	102	TC	2.41	
		114	114	TC	2.38	
R0731	Q358,L092	0	0	TC	7.24	12
		6	6	TC	5.06	
		12	12	TC	3.78	
		18	18	TC	3.75	
		24	24	TC	3.41	
		30	30	TC	3.37	
		36	36	TC	4.23	
R0732	Q358,L001	0	0	TC	16.47	24
		6	6	TC	16.78	
		12	12	TC	21.92	
		18	18	TC	28.60	
		24	24	TC	6.45	
		30	30	TC	4.49	
		36	36	TC	3.32	
R0733	R091,L000	0	0	TC	5.96	6
		6	6	TC	4.05	
		12	12	TC	3.28	
		18	18	TC	3.00	
		24	24	TC	3.03	
		30	30	TC	3.22	
		36	36	TC	3.21	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0734	R089,L092	0	0	TC	6.39	6
		6	6	TC	4.31	
		12	12	TC	3.41	
		18	18	TC	3.63	
		24	24	TC	3.30	
		30	30	TC	2.88	
		36	36	TC	3.06	
R0735	R179,L089	0	0	TC	8.09	12
		6	6	TC	9.03	
		12	12	TC	7.53	
		18	18	TC	4.52	
		24	24	TC	3.31	
		30	30	TC	2.55	
		36	36	TC	2.48	
R0736	R179,L000	0	0	TC	5.34	6
		6	6	TC	4.00	
		12	12	TC	3.86	
		18	18	TC	2.86	
		24	24	TC	2.30	
		30	30	TC	2.22	
R0737	R267,K448	0	0	TC	5.79	12
		6	6	TC	5.31	
		12	12	TC	3.85	
		18	18	TC	2.83	
		24	24	TC	2.37	
		30	30	TC	2.12	
		36	36	TC	2.18	
R0738	R270,L089	0	0	TC	8.63	12
		6	6	TC	7.19	
		12	12	TC	6.82	
		18	18	TC	3.91	
		24	24	TC	2.70	
		30	30	TC	2.38	
		36	36	TC	2.31	
R0739	R358,L088	0	0	TC	9.54	12
		6	6	TC	12.81	
		12	12	TC	8.24	
		18	18	TC	4.07	
		24	24	TC	3.03	
		30	30	TC	2.67	
R0740	R359,K448	0	0	TC	5.29	6
		6	6	TC	4.63	
		12	12	TC	3.58	
		18	18	TC	2.27	
		24	24	TC	2.11	
		30	30	TC	2.16	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0741	S085,K449	0	0	TC	6.36	12
		6	6	TC	6.08	
		12	12	TC	6.33	
		18	18	TC	5.20	
		24	24	TC	4.15	
		30	30	TC	3.95	
R0742	S086,L089	0	0	TC	7.30	12
		6	6	TC	5.79	
		12	12	TC	3.84	
		18	18	TC	2.82	
		24	24	TC	2.65	
		30	30	TC	2.39	
R0743	S176,L089	0	0	TC	4.46	6
		0	6	OC	10.96	
		6	6	TC	3.51	
		12	12	TC	2.07	
		18	18	TC	2.10	
		24	24	TC	2.11	
		30	30	TC	2.06	
R0744	S176,K448	0	0	TC	7.07	12
		6	6	TC	8.21	
		12	12	TC	7.36	
		18	18	TC	4.80	
		24	24	TC	3.44	
		30	30	TC	2.83	
R0745	S177,K354	0	0	TC	5.22	12
		6	6	TC	5.35	
		12	12	TC	4.02	
		18	18	TC	2.63	
		24	24	TC	2.22	
		30	30	TC	2.16	
		36	36	TC	2.16	
R0746	S179,K265	0	0	TC	4.17	6
		0	6	OC	11.22	
		6	6	TC	4.85	
		12	12	TC	4.34	
		18	18	TC	3.29	
		24	24	TC	2.24	
		30	30	TC	1.97	
		36	36	TC	1.97	
		42	42	TC	1.94	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0747	S180,K178	0	0	TC	4.86	6
		0	6	OC	6.13	
		6	6	TC	3.69	
		12	12	TC	4.06	
		18	18	TC	3.73	
		24	24	TC	2.74	
		30	30	TC	2.12	
R0748	S178,K088	0	0	TC	4.31	12
		6	6	TC	5.12	
		12	12	TC	3.28	
		18	18	TC	2.27	
		24	24	TC	1.83	
		30	30	TC	1.64	
		36	36	TC	1.58	
R0749	S176,J446	0	0	TC	5.22	6
		6	6	TC	4.77	
		12	12	TC	4.03	
		18	18	TC	2.56	
		24	24	TC	1.99	
		30	30	TC	1.72	
R0750	S090,J446	0	0	TC	6.39	12
		6	6	TC	7.95	
		12	12	TC	6.25	
		18	18	TC	3.60	
		24	24	TC	2.76	
		30	30	TC	2.52	
		36	36	TC	2.39	
R0751	S088,K088	0	0	TC	5.07	6
		6	6	TC	3.03	
		12	12	TC	2.38	
		18	18	TC	2.03	
		24	24	TC	2.01	
		30	30	TC	2.01	
R0752	S088,K175	0	0	TC	3.71	6
		0	6	OC	15.86	
		6	6	TC	3.98	
		12	12	TC	2.90	
		18	18	TC	2.12	
		24	24	TC	1.97	
		30	30	TC	1.95	
		36	36	TC	1.93	
R0753	S086,K270	0	0	TC	5.21	12
		6	6	TC	5.03	
		12	12	TC	2.72	
		18	18	TC	2.28	
		24	24	TC	2.17	
		30	30	TC	2.11	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0754	S085,K356	0	0	TC	4.44	6
		0	6	OC	23.09	
		6	6	TC	4.08	
		12	12	TC	2.63	
		18	18	TC	1.85	
		24	24	TC	1.66	
R0755	R358,K357	0	0	TC	5.97	12
		6	6	TC	5.19	
		12	12	TC	3.15	
		18	18	TC	2.46	
		24	24	TC	2.23	
		30	30	TC	2.09	
R0756	S000,K265	0	0	TC	4.07	6
		0	6	OC	10.33	
		6	6	TC	4.26	
		12	12	TC	3.01	
		18	18	TC	2.34	
		24	24	TC	2.12	
		30	30	TC	2.09	
R0757	R359,K177	0	0	TC	5.60	6
		6	6	TC	4.36	
		12	12	TC	3.21	
		18	18	TC	2.65	
		24	24	TC	2.47	
R0758	R357,K085	0	0	TC	5.88	6
		6	6	TC	4.72	
		12	12	TC	3.70	
		18	18	TC	2.76	
		24	24	TC	2.44	
		30	30	TC	2.32	
R0759	R357,J446	0	0	TC	2.41	6
		0	6	OC	11.14	
		6	6	TC	2.12	
		12	12	TC	2.02	
		18	18	TC	2.08	
		24	24	TC	2.08	
		30	30	TC	2.09	
R0760	R358,J358	0	0	TC	7.69	12
		6	6	TC	5.91	
		12	12	TC	3.18	
		18	18	TC	2.64	
		24	24	TC	2.58	
		30	30	TC	2.59	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0761	S000,J267	0	0	TC	6.08	12
		6	6	TC	6.79	
		12	12	TC	3.96	
		18	18	TC	2.60	
		24	24	TC	2.38	
		30	30	TC	2.32	
R0762	R357,J176	0	0	TC	5.31	6
		6	6	TC	3.53	
		12	12	TC	2.30	
		18	18	TC	2.18	
		24	24	TC	2.12	
R0763	R357,J087	0	0	TC	5.33	6
		6	6	TC	4.71	
		12	12	TC	3.09	
		18	18	TC	2.46	
		24	24	TC	2.36	
		30	30	TC	2.51	
		36	36	TC	2.41	
R0764	R356,I447	0	0	TC	5.14	6
		6	6	TC	3.90	
		12	12	TC	2.50	
		18	18	TC	2.28	
		24	24	TC	2.09	
		30	30	TC	2.05	
R0765	S087,I446	0	0	TC	5.44	6
		6	6	TC	3.56	
		12	12	TC	2.92	
		18	18	TC	2.42	
		24	24	TC	2.32	
R0766	S088,J089	0	0	TC	6.30	12
		6	6	TC	5.65	
		12	12	TC	4.45	
		18	18	TC	2.85	
		24	24	TC	2.42	
		30	30	TC	2.43	
R0767	S087,J176	0	0	TC	6.18	12
		6	6	TC	5.27	
		12	12	TC	4.46	
		18	18	TC	2.81	
		24	24	TC	2.54	
		30	30	TC	2.45	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0768	S089,J264	0	0	TC	6.45	12
		6	6	TC	5.43	
		12	12	TC	7.33	
		18	18	TC	7.67	
		24	24	TC	5.94	
		30	30	TC	3.43	
		36	36	TC	2.55	
R0769	S086,J356	0	0	TC	5.42	6
		6	6	TC	4.32	
		12	12	TC	3.31	
		18	18	TC	2.42	
		24	24	TC	2.23	
		30	30	TC	2.15	
R0770	S178,J359	0	0	TC	5.85	12
		6	6	TC	10.82	
		12	12	TC	8.01	
		18	18	TC	4.31	
		24	24	TC	2.62	
		30	30	TC	2.30	
		36	36	TC	2.33	
R0771	S179,I269	0	0	TC	2.88	6
		0	6	OC	34.61	
		6	6	TC	2.46	
		12	12	TC	2.69	
		18	18	TC	3.22	
		24	24	TC	3.15	
		30	30	TC	3.03	
R0772	S160,I180	0	0	TC	5.24	6
		6	6	TC	4.52	
		12	12	TC	3.99	
		18	18	TC	3.49	
		24	24	TC	2.92	
		30	30	TC	2.52	
		36	36	TC	2.33	
R0773	S151,I086	0	0	TC	5.68	6
		6	6	TC	4.80	
		12	12	TC	3.27	
		18	18	TC	2.96	
		24	24	TC	2.46	
		30	30	TC	2.38	
R0774	S179,I000	0	0	TC	4.39	6
		0	6	OC	22.88	
		6	6	TC	3.15	
		12	12	TC	2.91	
		18	18	TC	2.74	
		24	24	TC	2.51	
		30	30	TC	2.39	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0775	S091,I000	0	0	TC	5.16	6
		6	6	TC	3.78	
		12	12	TC	3.17	
		18	18	TC	3.00	
		24	24	TC	3.15	
		30	30	TC	2.91	
R0776	S088,I088	0	0	TC	3.37	6
		0	6	OC	12.41	
		6	6	TC	3.09	
		12	12	TC	2.67	
		18	18	TC	2.55	
		24	24	TC	2.49	
		30	30	TC	2.45	
R0777	S091,I179	0	0	TC	5.41	6
		6	6	TC	4.31	
		12	12	TC	2.98	
		18	18	TC	2.70	
		24	24	TC	2.59	
		30	30	TC	2.29	
R0778	S088,I269	0	0	TC	34.03	18
		6	6	TC	43.67	
		12	12	TC	19.20	
		18	18	TC	6.76	
		24	24	TC	5.71	
		30	30	TC	5.58	
R0779	S089,I359	0	0	TC	5.16	12
		6	6	TC	17.13	
		12	12	TC	11.30	
		18	18	TC	5.01	
		24	24	TC	2.81	
R0780	S000,I360	0	0	TC	5.51	30
		6	6	TC	6.26	
		12	12	TC	8.01	
		18	18	TC	12.44	
		24	24	TC	15.76	
		30	30	TC	14.74	
		36	36	TC	13.28	
		42	42	TC	6.50	
R0781	S002,I269	0	0	TC	7.56	6
		6	6	TC	4.33	
		12	12	TC	2.88	
		18	18	TC	2.54	
		24	24	TC	2.66	
		30	30	TC	2.76	
		36	36	TC	2.88	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0782	S000,I180	0	0	TC	5.08	6
		6	6	TC	2.78	
		12	12	TC	2.65	
		18	18	TC	2.57	
		24	24	TC	2.53	
		30	30	TC	2.31	
R0783	S002,I091	0	0	TC	5.19	6
		6	6	TC	2.41	
		12	12	TC	2.34	
		18	18	TC	2.35	
		24	24	TC	2.30	
		30	30	TC	2.20	
R0784	R352,H444	0	0	TC	5.49	6
		6	6	TC	2.68	
		12	12	TC	2.16	
		18	18	TC	2.05	
		24	24	TC	2.04	
		30	30	TC	1.97	
R0785	R271,I000	0	0	TC	5.97	6
		6	6	TC	3.38	
		12	12	TC	2.68	
		18	18	TC	2.54	
		24	24	TC	2.42	
		30	30	TC	2.46	
R0786	R266,I087	0	0	TC	8.71	12
		6	6	TC	6.61	
		12	12	TC	3.90	
		18	18	TC	2.95	
		24	24	TC	2.94	
		30	30	TC	2.95	
R0787	R268,I178	0	0	TC	5.24	6
		6	6	TC	4.07	
		12	12	TC	5.02	
		18	18	TC	3.69	
		24	24	TC	2.62	
		30	30	TC	2.50	
R0788	R271,I269	0	0	TC	6.00	6
		6	6	TC	3.66	
		12	12	TC	2.41	
		18	18	TC	2.21	
		24	24	TC	2.14	
		30	30	TC	2.26	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0789	R272,I359	0	0	TC	5.33	6
		6	6	TC	2.56	
		12	12	TC	2.53	
		18	18	TC	2.53	
		24	24	TC	2.34	
		30	30	TC	2.29	
R0790	R273,J001	0	0	TC	5.97	6
		6	6	TC	4.64	
		12	12	TC	5.14	
		18	18	TC	9.18	
		24	24	TC	7.78	
		30	30	TC	7.46	
R0791	R179,I447	0	0	TC	6.42	6
		6	6	TC	4.85	
		12	12	TC	4.14	
		18	18	TC	3.37	
		24	24	TC	2.82	
R0792	R180,I361	0	0	TC	6.21	12
		6	6	TC	5.75	
		12	12	TC	5.53	
		18	18	TC	5.57	
		24	24	TC	3.78	
		30	30	TC	3.05	
R0793	R179,I268	0	0	TC	25.26	12
		6	6	TC	20.51	
		12	12	TC	4.83	
		18	18	TC	2.94	
		24	24	TC	2.60	
		30	30	TC	2.55	
R0794	R178,I181	0	0	TC	30.13	12
		6	6	TC	5.71	
		12	12	TC	2.86	
		18	18	TC	2.25	
		24	24	TC	2.20	
		30	30	TC	2.21	
		36	36	TC	2.19	
R0795	R181,I092	0	0	TC	5.97	12
		6	6	TC	5.56	
		12	12	TC	4.80	
		18	18	TC	5.68	
		24	24	TC	8.10	
		30	30	TC	8.80	
		36	36	TC	6.26	
		42	42	TC	3.55	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0796	R178,I001	0	0	TC	18.09	12
		6	6	TC	26.36	
		12	12	TC	12.52	
		18	18	TC	6.05	
		24	24	TC	3.96	
		30	30	TC	3.07	
		36	36	TC	2.59	
		42	42	TC	2.34	
R0797	R091,I002	0	0	TC	22.52	18
		6	6	TC	32.43	
		12	12	TC	15.35	
		18	18	TC	9.38	
		24	24	TC	6.26	
		30	30	TC	3.62	
R0798	R090,I092	0	0	TC	14.97	12
		6	6	TC	14.92	
		12	12	TC	4.58	
		18	18	TC	2.87	
		24	24	TC	2.50	
		30	30	TC	2.43	
R0799	R136,I091	0	0	TC	10.05	12
		6	6	TC	6.05	
		12	12	TC	3.40	
		18	18	TC	2.69	
		24	24	TC	2.35	
		30	30	TC	2.28	
		36	36	TC	2.18	
R0800	R081,I178	0	0	TC	35.11	12
		6	6	TC	34.87	
		12	12	TC	6.44	
		18	18	TC	2.98	
		24	24	TC	2.49	
		30	30	TC	2.56	
		36	36	TC	2.28	
R0801	R088,I268	0	0	TC	14.74	12
		6	6	TC	5.12	
		12	12	TC	2.83	
		18	18	TC	2.35	
		24	24	TC	2.24	
		30	30	TC	2.20	
		36	36	TC	2.15	
R0802	R086,I358	0	0	TC	20.36	18
		6	6	TC	47.49	
		12	12	TC	32.57	
		18	18	TC	11.77	
		24	24	TC	4.91	
		30	30	TC	3.02	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0803	R089,I449	0	0	TC	14.94	24
		6	6	TC	27.72	
		12	12	TC	39.59	
		18	18	TC	24.62	
		24	24	TC	8.97	
		30	30	TC	4.23	
		36	36	TC	3.51	
		42	42	TC	2.91	
		48	48	TC	2.58	
R0804	R091,J087	0	0	TC	13.05	12
		6	6	TC	9.93	
		12	12	TC	3.51	
		18	18	TC	2.35	
		24	24	TC	2.13	
		30	30	TC	2.00	
R0805	R090,J179	0	0	TC	27.55	12
		6	6	TC	25.82	
		12	12	TC	13.38	
		18	18	TC	6.28	
		24	24	TC	3.63	
		30	30	TC	2.92	
		36	36	TC	2.89	
R0806	R097,J265	0	0	TC	6.12	6
		6	6	TC	2.77	
		12	12	TC	2.34	
		18	18	TC	2.27	
		24	24	TC	2.25	
		30	30	TC	2.21	
R0807	R091,J360	0	0	TC	12.67	12
		6	6	TC	15.05	
		12	12	TC	12.72	
		18	18	TC	6.11	
		24	24	TC	3.58	
		30	30	TC	3.02	
		36	36	TC	3.40	
		42	42	TC	2.96	
R0808	R092,J448	0	0	TC	11.04	12
		6	6	TC	10.63	
		12	12	TC	4.62	
		18	18	TC	2.57	
		24	24	TC	2.35	
		30	30	TC	2.33	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0809	R177,K000	0	0	TC	8.13	24
		6	6	TC	13.58	
		12	12	TC	28.52	
		18	18	TC	16.66	
		24	24	TC	12.47	
		30	30	TC	13.61	
		36	36	TC	4.78	
R0810	R181,J360	0	0	TC	7.64	12
		6	6	TC	9.54	
		12	12	TC	13.72	
		18	18	TC	14.82	
		24	24	TC	7.50	
		30	30	TC	4.14	
		36	36	TC	3.23	
R0811	R179,J269	0	0	TC	7.10	12
		6	6	TC	10.31	
		12	12	TC	12.30	
		18	18	TC	7.81	
		24	24	TC	4.06	
		30	30	TC	3.16	
R0812	R179,J182	0	0	TC	6.35	12
		6	6	TC	5.34	
		12	12	TC	3.45	
		18	18	TC	3.36	
R0813	R179,J090	0	0	TC	7.33	12
		6	6	TC	5.63	
		12	12	TC	3.46	
		18	18	TC	2.85	
		24	24	TC	2.60	
		30	30	TC	2.50	
		36	36	TC	2.36	
R0814	S143,L149	0	0	TC	5.99	6
		6	6	TC	3.21	
		12	12	TC	2.94	
		18	18	TC	2.84	
		24	24	TC	2.21	
		36	36	TC	1.59	
		48	48	TC	1.62	
		60	60	TC	1.51	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0815	R233,L157	0	0	TC	18.55	12
		6	6	TC	14.68	
		12	12	TC	7.19	
		18	18	TC	5.54	
		24	24	TC	7.38	
		30	30	TC	8.80	
		36	36	TC	5.21	
		42	42	TC	4.31	
		48	48	TC	3.84	
		60	60	TC	4.08	
R0816	R269,J090	0	0	TC	6.58	12
		6	6	TC	5.00	
		12	12	TC	3.49	
		18	18	TC	2.74	
		24	24	TC	2.53	
		30	30	TC	2.53	
		36	36	TC	2.43	
R0817	R270,J179	0	0	TC	6.88	12
		6	6	TC	5.44	
		12	12	TC	3.32	
		18	18	TC	2.66	
		24	24	TC	2.62	
		30	30	TC	2.55	
R0818	R269,J270	0	0	TC	6.93	12
		6	6	TC	7.60	
		12	12	TC	4.46	
		18	18	TC	3.16	
		24	24	TC	2.65	
		30	30	TC	2.40	
R0819	R269,J354	0	0	TC	5.58	12
		6	6	TC	6.15	
		12	12	TC	4.82	
		18	18	TC	3.23	
		24	24	TC	2.65	
		30	30	TC	2.46	
R0820	R269,J447	0	0	TC	5.42	6
		6	6	TC	4.25	
		12	12	TC	6.06	
		18	18	TC	4.24	
		24	24	TC	3.96	
R0821	R268,K087	0	0	TC	5.14	6
		6	6	TC	3.90	
		12	12	TC	5.22	
		18	18	TC	4.65	
		24	24	TC	3.83	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0822	R269,K177	0	0	TC	5.17	6
		6	6	TC	4.66	
		12	12	TC	7.20	
		18	18	TC	3.55	
		24	24	TC	2.56	
		30	30	TC	2.43	
R0823	R269,K266	0	0	TC	5.12	6
		6	6	TC	3.00	
		12	12	TC	2.55	
		18	18	TC	2.32	
		24	24	TC	2.25	
		30	30	TC	2.24	
R0824	R269,K359	0	0	TC	5.12	6
		6	6	TC	3.64	
		12	12	TC	3.24	
		18	18	TC	3.06	
		24	24	TC	2.48	
		30	30	TC	2.23	
R0825	R181,K359	0	0	TC	6.70	12
		6	6	TC	5.68	
		12	12	TC	7.98	
		18	18	TC	5.82	
		24	24	TC	3.42	
		30	30	TC	2.62	
R0826	R188,K268	0	0	TC	5.72	12
		6	6	TC	6.67	
		12	12	TC	5.48	
		18	18	TC	3.83	
		24	24	TC	3.28	
R0827	R181,K180	0	0	TC	6.18	6
		6	6	TC	3.21	
		12	12	TC	3.19	
		18	18	TC	3.41	
		24	24	TC	3.57	
		30	30	TC	2.95	
R0828	R180,K090	0	0	TC	5.78	6
		6	6	TC	3.87	
		12	12	TC	3.37	
		18	18	TC	3.88	
		24	24	TC	4.56	
		30	30	TC	6.56	
		36	36	TC	6.82	
		42	42	TC	5.74	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0829	R107,K089	0	0	TC	10.37	12
		6	6	TC	6.36	
		12	12	TC	3.21	
		18	18	TC	2.48	
		24	24	TC	2.42	
		30	30	TC	2.41	
		36	36	TC	2.41	
		42	42	TC	2.37	
R0830	R110,K178	0	0	TC	11.33	12
		6	6	TC	8.13	
		12	12	TC	3.08	
		18	18	TC	2.44	
		24	24	TC	2.25	
		30	30	TC	2.32	
R0831	R101,K269	0	0	TC	15.62	12
		6	6	TC	17.18	
		12	12	TC	6.76	
		18	18	TC	3.56	
		24	24	TC	2.80	
		30	30	TC	2.53	
R0832	R091,K359	0	0	TC	13.28	12
		6	6	TC	19.20	
		12	12	TC	11.71	
		18	18	TC	5.33	
		24	24	TC	3.25	
R0833	Q271,L364	0	0	TC	13.05	18
		6	6	TC	18.00	
		12	12	TC	15.44	
		18	18	TC	9.12	
		24	24	TC	4.23	
		30	30	TC	2.94	
		36	36	TC	2.69	
		42	42	TC	2.53	
		48	48	TC	2.41	
R0834	Q269,L270	0	0	TC	6.53	6
		6	6	TC	2.64	
		12	12	TC	2.26	
		18	18	TC	2.16	
		24	24	TC	2.10	
		30	30	TC	2.07	
		36	36	TC	2.00	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0835	Q274,L180	0	0	TC	15.44	24
		6	6	TC	42.01	
		12	12	TC	52.06	
		18	18	TC	27.50	
		24	24	TC	13.17	
		30	30	TC	7.43	
		36	36	TC	6.26	
R0836	Q271,L091	0	0	TC	12.27	12
		6	6	TC	6.03	
		12	12	TC	3.49	
		18	18	TC	2.67	
		24	24	TC	2.51	
		30	30	TC	2.40	
		36	36	TC	2.34	
R0837	Q089,L278	0	0	TC	8.16	6
		6	6	TC	4.19	
		12	12	TC	2.80	
		18	18	TC	2.34	
		24	24	TC	2.28	
		30	30	TC	2.22	
		36	36	TC	2.06	
		42	42	TC	2.04	
R0838	Q179,L273	0	0	TC	15.38	12
		6	6	TC	16.05	
		12	12	TC	6.82	
		18	18	TC	3.76	
		24	24	TC	2.81	
		30	30	TC	2.43	
		36	36	TC	2.36	
		42	42	TC	2.17	
R0839	Q180,L363	0	0	TC	15.62	12
		6	6	TC	23.80	
		12	12	TC	9.73	
		18	18	TC	5.27	
		24	24	TC	4.86	
		30	30	TC	4.41	
		36	36	TC	5.37	
		42	42	TC	9.00	
		48	48	TC	8.04	
		54	54	TC	3.83	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0840	P359,L367	0	0	TC	16.40	36
		6	6	TC	36.27	
		12	12	TC	43.38	
		18	18	TC	51.71	
		24	24	TC	39.30	
		30	30	TC	20.86	
		36	36	TC	9.50	
		42	42	TC	5.82	
		48	48	TC	5.35	
R0841	P359,L278	0	0	TC	21.50	12
		6	6	TC	26.02	
		12	12	TC	8.57	
		18	18	TC	3.83	
		24	24	TC	2.86	
		30	30	TC	2.62	
		36	36	TC	2.47	
		42	42	TC	2.22	
R0842	P272,L366	0	6	OC	39.04	6
R0843	P174,L354	0	0	TC	11.87	12
		6	6	TC	6.79	
		12	12	TC	9.49	
		18	18	TC	13.55	
		24	24	TC	5.99	
		30	30	TC	3.19	
		36	36	TC	2.61	
		42	42	TC	2.45	
R0844	Q176,L215	0	0	TC	24.19	24
		6	6	TC	32.73	
		12	12	TC	23.69	
		18	18	TC	15.10	
		24	24	TC	6.60	
		30	30	TC	4.32	
		36	36	TC	3.74	
		48	48	TC	3.48	
		60	60	TC	3.28	
R0845	Q091,L355	0	0	TC	16.46	72
		6	6	TC	21.56	
		12	12	TC	36.71	
		18	18	TC	79.24	
		24	24	TC	92.06	
		30	30	TC	62.05	
		36	36	TC	53.90	
		42	42	TC	100.51	
		48	48	TC	146.25	
		54	54	TC	148.29	
		60	60	TC	108.38	
		66	66	TC	48.16	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0846	S176,H361	0	0	TC	3.53	6
		0	6	OC	9.90	
		6	6	TC	3.25	
		12	12	TC	3.04	
		18	18	TC	2.63	
		24	24	TC	2.34	
R0847	S177,H271	0	0	TC	2.61	6
		0	6	OC	5.97	
		6	6	TC	2.82	
		12	12	TC	3.42	
		18	18	TC	3.68	
		24	24	TC	3.15	
		30	30	TC	2.53	
R0848	S193,H182	0	0	TC	3.07	6
		0	6	OC	5.37	
		6	6	TC	3.41	
		12	12	TC	2.81	
		18	18	TC	2.28	
		24	24	TC	2.11	
		30	30	TC	1.98	
R0849	S155,H090	0	0	TC	5.62	12
		6	6	TC	5.35	
		12	12	TC	3.54	
		18	18	TC	2.62	
		24	24	TC	2.41	
		30	30	TC	2.37	
		36	36	TC	2.46	
R0850	S178,H015	0	0	TC	2.35	6
		0	6	OC	13.20	
		6	6	TC	2.19	
		12	12	TC	2.42	
		18	18	TC	2.76	
		24	24	TC	2.67	
		30	30	TC	2.49	
R0851	S178,G361	0	0	TC	2.77	0
		0	6	OC	1.68	
		6	6	TC	2.05	
		12	12	TC	2.09	
		18	18	TC	2.14	
		24	24	TC	2.21	
		30	30	TC	2.22	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0852	S174,G272	0	0	TC	2.29	0
		0	6	OC	2.01	
		6	6	TC	2.40	
		12	12	TC	2.38	
		18	18	TC	2.21	
		24	24	TC	2.26	
		30	30	TC	2.09	
		36	36	TC	2.05	
R0853	S158,G183	0	0	TC	2.42	0
		0	6	OC	1.91	
		6	6	TC	2.80	
		12	12	TC	2.53	
		18	18	TC	2.34	
		24	24	TC	2.18	
		30	30	TC	2.15	
		36	36	TC	2.16	
R0854	S190,G091	0	0	TC	2.19	0
		0	6	OC	2.84	
		6	6	TC	2.33	
		12	12	TC	2.40	
		18	18	TC	2.53	
		24	24	TC	2.88	
		30	30	TC	2.49	
		36	36	TC	2.40	
R0855	S189,F447	0	0	TC	3.24	6
		0	6	OC	51.90	
		0	6	SS	42.00	
		0	6	SS	47.34	
		6	6	TC	4.08	
		12	12	TC	3.33	
		18	18	TC	2.40	
		24	24	TC	2.25	
		30	30	TC	2.23	
R0856	S083,G012	0	0	TC	2.02	0
		0	6	SS	1.59	
		0	6	OC	1.48	
		6	6	TC	2.03	
		12	12	TC	2.04	
		18	18	TC	2.58	
		24	24	TC	2.82	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0857	S086,G089	0	0	TC	2.01	0
		0	6	OC	2.53	
		6	6	TC	2.13	
		12	12	TC	2.21	
		18	18	TC	2.22	
		24	24	TC	2.01	
		30	30	TC	1.86	
		36	36	TC	1.91	
		42	42	TC	1.96	
R0858	S087,G181	0	0	TC	1.93	0
		0	6	OC	1.75	
		6	6	TC	2.15	
		12	12	TC	2.29	
		18	18	TC	2.16	
		24	24	TC	2.17	
		30	30	TC	2.18	
		36	36	TC	2.18	
R0859	S086,G270	0	0	TC	1.77	0
		0	6	OC	1.18	
		6	6	TC	1.88	
		12	12	TC	2.10	
		18	18	TC	2.16	
		24	24	TC	2.13	
		30	30	TC	2.20	
		36	36	TC	2.15	
R0860	S086,G359	0	0	TC	2.31	0
		0	6	OC	0.12	
		6	6	TC	1.92	
		12	12	TC	2.03	
		18	18	TC	2.20	
		24	24	TC	2.20	
		30	30	TC	2.25	
R0861	S086,H000	0	0	TC	2.50	6
		0	6	SS	6.63	
		0	6	OC	7.65	
		6	6	TC	1.97	
		12	12	TC	2.08	
		18	18	TC	2.11	
		24	24	TC	2.13	
		30	30	TC	2.15	
		36	36	TC	2.08	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0862	S087,H089	0	0	TC	3.48	6
		0	6	OC	6.35	
		6	6	TC	3.69	
		12	12	TC	3.60	
		18	18	TC	2.40	
		24	24	TC	2.14	
		30	30	TC	2.04	
		36	36	TC	1.97	
R0863	S085,H180	0	0	TC	5.20	12
		6	6	TC	5.65	
		12	12	TC	5.22	
		18	18	TC	3.21	
		24	24	TC	2.51	
		30	30	TC	2.32	
		36	36	TC	2.18	
R0864	S069,H267	0	0	TC	5.88	12
		6	6	TC	5.02	
		12	12	TC	2.70	
		18	18	TC	2.02	
		24	24	TC	2.06	
		30	30	TC	2.04	
R0865	S075,H356	0	0	TC	5.10	12
		6	6	TC	6.50	
		12	12	TC	6.82	
		18	18	TC	5.91	
		24	24	TC	5.05	
		30	30	TC	4.76	
R0866	R357,H361	0	0	TC	5.94	12
		6	6	TC	9.46	
		12	12	TC	6.28	
		18	18	TC	3.21	
		24	24	TC	2.51	
		30	30	TC	2.60	
R0867	S006,H271	0	0	TC	5.79	6
		6	6	TC	4.90	
		12	12	TC	2.74	
		18	18	TC	2.14	
		24	24	TC	2.06	
		30	30	TC	2.12	
R0868	R358,H181	0	0	TC	4.94	12
		6	6	TC	5.33	
		12	12	TC	5.01	
		18	18	TC	2.56	
		24	24	TC	2.47	
		30	30	TC	2.31	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0869	R355,H092	0	0	TC	2.98	0
		0	6	OC	4.22	
		6	6	TC	2.06	
		12	12	TC	1.99	
		18	18	TC	1.95	
		24	24	TC	2.05	
		30	30	TC	1.96	
R0870	R356,H000	0	0	TC	2.68	0
		0	6	OC	3.70	
		6	6	TC	1.87	
		12	12	TC	1.96	
		18	18	TC	2.06	
		24	24	TC	2.14	
		30	30	TC	2.12	
		36	36	TC	2.10	
R0871	R356,G360	0	0	TC	2.16	0
		0	6	OC	2.20	
		0	6	OC	2.19	
		6	6	TC	1.79	
		12	12	TC	1.88	
		18	18	TC	2.02	
		24	24	TC	2.09	
		30	30	TC	2.06	
		36	36	TC	2.00	
		42	42	TC	2.07	
R0872	R354,G268	0	0	TC	2.54	0
		0	6	OC	2.39	
		6	6	TC	1.88	
		12	12	TC	1.88	
		18	18	TC	1.99	
		24	24	TC	2.04	
		30	30	TC	2.05	
		36	36	TC	2.05	
R0873	R356,G179	0	0	TC	2.36	0
		0	6	OC	1.47	
		0	6	SS	1.54	
		6	6	TC	2.20	
		12	12	TC	2.09	
		18	18	TC	1.95	
		24	24	TC	1.87	
		30	30	TC	1.83	
		36	36	TC	1.82	
		42	42	TC	1.80	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0874	R354,G089	0	0	TC	2.67	0
		0	6	OC	3.32	
		6	6	TC	2.45	
		12	12	TC	2.51	
		18	18	TC	2.18	
		24	24	TC	1.81	
		30	30	TC	1.85	
		36	36	TC	1.86	
R0875	R356,G005	0	0	TC	2.42	0
		0	6	SS	1.08	
		0	6	SS	1.35	
		0	6	OC	3.34	
		6	6	TC	2.71	
		12	12	TC	2.91	
		18	18	TC	2.73	
		24	24	TC	2.85	
		30	30	TC	2.87	
		36	36	TC	3.04	
R0876	R356,F362	0	0	TC	5.67	12
		6	6	TC	8.26	
		12	12	TC	13.97	
		18	18	TC	10.34	
		24	24	TC	6.19	
		30	30	TC	5.02	
R0877	R267,F360	0	0	TC	5.69	6
		6	6	TC	3.78	
		12	12	TC	3.20	
		18	18	TC	2.97	
		24	24	TC	2.89	
		30	30	TC	2.80	
R0878	R176,F273	0	0	TC	5.79	12
		6	6	TC	5.31	
		12	12	TC	5.11	
		18	18	TC	4.92	
		24	24	TC	4.69	
		30	30	TC	4.88	
		36	36	TC	4.53	
R0879	R176,F356	0	0	TC	7.69	12
		6	6	TC	7.17	
		12	12	TC	6.93	
		18	18	TC	6.41	
R0880	R086,F273	0	0	TC	7.47	12
		6	6	TC	6.76	
		12	12	TC	9.06	
		18	18	TC	10.37	
		24	24	TC	4.84	
		30	30	TC	4.58	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0881	R266,G011	0	0	TC	2.96	6
		0	6	OC	5.17	
		6	6	TC	2.79	
		12	12	TC	2.75	
		18	18	TC	2.88	
		24	24	TC	2.86	
		30	30	TC	2.68	
		36	36	TC	2.73	
R0882	R267,G088	0	0	TC	2.57	0
		0	6	OC	1.27	
		6	6	TC	2.23	
		12	12	TC	2.53	
		18	18	TC	2.91	
		24	24	TC	2.79	
		30	30	TC	2.74	
		36	36	TC	2.72	
R0883	R267,G178	0	0	TC	2.25	0
		0	6	SS	1.37	
		0	6	OC	2.81	
		6	6	TC	2.07	
		12	12	TC	2.20	
		18	18	TC	2.25	
		24	24	TC	1.94	
		30	30	TC	1.75	
		36	36	TC	1.73	
		42	42	TC	1.72	
R0884	R267,G269	0	0	TC	2.59	0
		0	6	OC	2.74	
		6	6	TC	2.25	
		12	12	TC	2.39	
		18	18	TC	2.06	
		24	24	TC	1.93	
		30	30	TC	1.91	
		36	36	TC	1.83	
R0885	R266,G361	0	0	TC	2.11	0
		0	6	OC	2.87	
		6	6	TC	2.10	
		12	12	TC	2.19	
		18	18	TC	2.44	
		24	24	TC	2.55	
		30	30	TC	2.32	
		36	36	TC	2.06	
		42	42	TC	2.02	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0886	R267,G446	0	0	TC	2.75	0
		0	6	SS	0.78	
		0	6	OC	1.81	
		6	6	TC	2.00	
		12	12	TC	2.07	
		18	18	TC	2.16	
		24	24	TC	2.13	
		30	30	TC	2.11	
		36	36	TC	2.09	
R0887	R267,H088	0	0	TC	2.27	0
		0	6	OC	1.38	
		6	6	TC	2.12	
		12	12	TC	2.32	
		18	18	TC	2.42	
		24	24	TC	2.40	
		30	30	TC	2.29	
		36	36	TC	2.17	
R0888	R267,H177	0	0	TC	3.97	0
		0	6	OC	2.58	
		6	6	TC	2.85	
		12	12	TC	2.23	
		18	18	TC	2.26	
		24	24	TC	2.31	
		30	30	TC	2.16	
R0889	R267,H264	0	0	TC	2.97	0
		0	6	SS	3.52	
		0	6	OC	4.00	
		6	6	TC	2.26	
		12	12	TC	2.12	
		18	18	TC	2.08	
		24	24	TC	2.15	
		30	30	TC	2.18	
		36	36	TC	2.25	
		42	42	TC	2.10	
R0890	R266,H355	0	0	TC	5.06	6
		6	6	TC	4.09	
		12	12	TC	3.89	
		18	18	TC	4.58	
		24	24	TC	4.86	
		30	30	TC	4.92	
		36	36	TC	5.13	
		42	42	TC	6.25	
		48	48	TC	7.84	
		54	54	TC	9.06	
		60	60	TC	5.61	
		66	66	TC	4.95	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0891	R175,H358	0	0	TC	5.38	6
		6	6	TC	3.94	
		12	12	TC	4.19	
		18	18	TC	5.68	
		24	24	TC	9.54	
		30	30	TC	9.74	
		36	36	TC	9.97	
		42	42	TC	9.29	
		48	48	TC	8.95	
		54	54	TC	5.66	
		60	60	TC	4.54	
R0892	R174,H268	0	0	TC	4.70	0
		0	6	OC	1.13	
		6	6	TC	1.98	
		12	12	TC	2.14	
		18	18	TC	2.18	
		24	24	TC	2.10	
		30	30	TC	2.14	
		36	36	TC	2.18	
R0893	R174,H179	0	0	TC	4.41	0
		0	6	OC	1.23	
		6	6	TC	2.31	
		12	12	TC	2.19	
		18	18	TC	2.31	
		24	24	TC	2.02	
		30	30	TC	2.33	
		36	36	TC	2.44	
R0894	R174,H086	0	0	TC	4.06	0
		0	6	OC	1.80	
		6	6	TC	1.78	
		12	12	TC	1.82	
		18	18	TC	1.79	
		24	24	TC	1.84	
		30	30	TC	1.87	
		36	36	TC	1.87	
		42	42	TC	1.94	
R0895	R174,G446	0	0	TC	3.99	0
		0	6	SS	2.85	
		0	6	OC	4.52	
		6	6	TC	3.19	
		12	12	TC	2.78	
		18	18	TC	2.37	
		24	24	TC	2.27	
		30	30	TC	2.09	
		36	36	TC	2.01	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0896	R174,G357	0	0	TC	2.45	0
		0	6	OC	4.03	
		6	6	TC	2.37	
		12	12	TC	2.74	
		18	18	TC	2.93	
		24	24	TC	2.50	
		30	30	TC	2.10	
		36	36	TC	2.04	
		42	42	TC	1.90	
R0897	R174,G267	0	0	TC	3.29	0
		0	6	OC	3.57	
		6	6	TC	2.43	
		12	12	TC	2.72	
		18	18	TC	2.82	
		24	24	TC	2.63	
		30	30	TC	2.56	
		36	36	TC	2.61	
R0898	R175,G177	0	0	TC	2.48	0
		0	6	OC	3.42	
		6	6	TC	2.08	
		12	12	TC	1.95	
		18	18	TC	2.02	
		24	24	TC	2.11	
		30	30	TC	2.20	
		36	36	TC	2.29	
		42	42	TC	2.37	
		48	48	TC	2.53	
R0899	R175,G087	0	0	TC	3.13	0
		0	6	OC	2.76	
		6	6	TC	3.28	
		12	12	TC	3.83	
		18	18	TC	3.32	
		24	24	TC	3.15	
		30	30	TC	3.01	
		36	36	TC	2.99	
R0900	R176,G020	0	0	TC	2.53	0
		0	6	OC	2.56	
		6	6	TC	2.69	
		12	12	TC	2.92	
		18	18	TC	3.02	
		24	24	TC	2.95	
		30	30	TC	2.86	
		36	36	TC	3.05	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0901	R067,F372	0	0	TC	5.77	12
		6	6	TC	5.94	
		12	12	TC	6.87	
		18	18	TC	6.33	
		24	24	TC	3.52	
		30	30	TC	2.86	
		36	36	TC	2.57	
R0902	R088,F445	0	0	TC	5.38	6
		6	6	TC	4.97	
		12	12	TC	4.75	
		18	18	TC	3.15	
		24	24	TC	2.82	
		30	30	TC	2.89	
		36	36	TC	2.95	
R0903	R089,G087	0	0	TC	3.38	0
		0	6	OC	1.75	
		0	6	SS	1.43	
		6	6	TC	3.76	
		12	12	TC	4.52	
		18	18	TC	3.44	
		24	24	TC	3.41	
		30	30	TC	3.33	
R0904	R088,G177	0	0	TC	2.38	0
		0	6	OC	4.43	
		6	6	TC	2.30	
		12	12	TC	2.68	
		18	18	TC	2.85	
		24	24	TC	2.81	
		30	30	TC	2.94	
		36	36	TC	3.10	
R0905	R089,G268	0	0	TC	3.87	6
		0	6	OC	5.30	
		6	6	TC	3.38	
		12	12	TC	3.52	
		18	18	TC	3.31	
		24	24	TC	3.25	
		30	30	TC	3.18	
		36	36	TC	3.14	
R0906	R089,G357	0	0	TC	3.99	0
		0	6	OC	1.96	
		6	6	TC	3.01	
		12	12	TC	2.85	
		18	18	TC	2.77	
		24	24	TC	2.72	
		30	30	TC	2.74	
		36	36	TC	2.71	
		42	42	TC	2.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0907	R089,G449	0	0	TC	3.96	6
		0	6	OC	6.80	
		6	6	TC	2.32	
		12	12	TC	2.06	
		18	18	TC	1.85	
		24	24	TC	1.93	
		30	30	TC	1.90	
		36	36	TC	1.85	
R0908	R090,H089	0	0	TC	2.64	0
		0	6	OC	2.49	
		6	6	TC	2.29	
		12	12	TC	2.28	
		18	18	TC	2.27	
		24	24	TC	2.21	
		30	30	TC	2.19	
		36	36	TC	2.10	
		42	42	TC	1.90	
R0909	R091,H177	0	0	TC	5.05	6
		6	6	TC	2.48	
		12	12	TC	1.78	
		18	18	TC	1.85	
		24	24	TC	1.97	
		30	30	TC	2.14	
		36	36	TC	2.15	
R0910	R090,H267	0	0	TC	4.57	0
		0	6	OC	4.72	
		6	6	TC	2.84	
		12	12	TC	2.40	
		18	18	TC	2.33	
		24	24	TC	2.28	
		30	30	TC	2.28	
		36	36	TC	2.49	
R0911	R089,H359	0	0	TC	7.01	6
		6	6	TC	4.54	
		12	12	TC	2.98	
		18	18	TC	2.71	
		24	24	TC	2.56	
		30	30	TC	2.54	
		36	36	TC	2.41	
R0912	Q358,H359	0	0	TC	14.42	18
		6	6	TC	14.11	
		12	12	TC	17.37	
		18	18	TC	11.67	
		24	24	TC	6.48	
		30	30	TC	5.89	
		36	36	TC	5.59	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0913	Q359,H267	0	0	TC	12.85	18
		6	6	TC	21.24	
		12	12	TC	26.10	
		18	18	TC	11.39	
		24	24	TC	5.60	
		30	30	TC	4.23	
		36	36	TC	3.77	
		42	42	TC	3.60	
		48	48	TC	3.46	
R0914	Q358,H179	0	0	TC	6.93	12
		6	6	TC	5.33	
		12	12	TC	2.81	
		18	18	TC	2.52	
		24	24	TC	2.53	
R0915	Q358,H087	0	0	TC	6.41	12
		6	6	TC	8.22	
		12	12	TC	7.60	
		18	18	TC	3.61	
		24	24	TC	2.51	
		30	30	TC	2.11	
		36	36	TC	2.13	
		42	42	TC	2.09	
R0916	R002,G449	0	0	TC	4.94	0
		6	6	TC	3.23	
		12	12	TC	2.49	
		18	18	TC	2.62	
		24	24	TC	2.36	
		30	30	TC	2.55	
		36	36	TC	2.62	
R0917	R000,G358	0	0	TC	3.90	0
		0	6	OC	4.09	
		6	6	TC	3.66	
		12	12	TC	3.28	
		18	18	TC	3.20	
		24	24	TC	3.20	
		30	30	TC	3.11	
		36	36	TC	2.99	
R0918	R000,G267	0	0	TC	5.85	12
		6	6	TC	5.68	
		12	12	TC	3.03	
		18	18	TC	2.41	
		24	24	TC	2.20	
		30	30	TC	2.35	
		36	36	TC	2.41	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0919	R000,G177	0	0	TC	4.87	6
		0	6	OC	5.78	
		6	6	TC	3.13	
		12	12	TC	3.05	
		18	18	TC	2.91	
		24	24	TC	2.81	
		30	30	TC	2.76	
		36	36	TC	2.76	
		42	42	TC	2.80	
R0920	R001,G088	0	0	TC	3.87	6
		0	6	OC	24.17	
		6	6	TC	3.98	
		12	12	TC	3.47	
		18	18	TC	3.12	
		24	24	TC	3.31	
		30	30	TC	3.26	
R0921	R001,F446	0	0	TC	2.85	0
		0	6	SS	0.91	
		0	6	OC	2.24	
		6	6	TC	2.94	
		12	12	TC	3.01	
		18	18	TC	2.83	
		24	24	TC	2.90	
		30	30	TC	3.08	
		36	36	TC	3.14	
		36	42	OC	1.74	
R0922	Q358,F358	0	0	TC	3.86	0
		0	6	OC	0.98	
		6	6	TC	3.37	
		12	12	TC	3.27	
		18	18	TC	3.32	
R0923	R000,F271	0	0	TC	3.84	6
		0	6	OC	20.61	
		6	6	TC	1.90	
		12	12	TC	1.68	
		18	18	TC	1.66	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0924	R217,H382	0	0	TC	5.03	6
		6	6	TC	4.47	
		12	12	TC	6.96	
		18	18	TC	10.59	
		24	24	TC	9.03	
		30	30	TC	6.62	
		36	36	TC	6.53	
		42	42	TC	7.47	
		48	48	TC	9.60	
		54	54	TC	12.52	
		60	60	TC	8.15	
		66	66	TC	5.20	
		72	72	TC	4.80	
R0925	R218,H311	0	0	TC	5.11	6
		6	6	TC	2.56	
		12	12	TC	2.21	
		18	18	TC	2.11	
		24	24	TC	2.12	
		30	30	TC	2.17	
		36	36	TC	2.20	
R0926	R130,H312	0	0	TC	3.36	0
		0	6	OC	4.65	
		6	6	TC	2.47	
		12	12	TC	2.35	
		18	18	TC	2.34	
		24	24	TC	2.28	
		30	30	TC	2.28	
		36	36	TC	2.42	
		42	42	TC	2.33	
		48	48	TC	2.19	
R0927	Q092,F178	0	0	TC	8.43	12
		6	6	TC	5.85	
		12	12	TC	4.20	
		18	18	TC	3.45	
		24	24	TC	2.91	
R0928	Q003,F177	0	0	TC	7.60	6
		6	6	TC	3.64	
		12	12	TC	3.22	
		18	18	TC	3.14	
		24	24	TC		
R0929	P272,F180	0	0	TC	14.20	12
		6	6	TC	9.26	
		12	12	TC	4.91	
		18	18	TC	4.05	
		24	24	TC	3.83	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0930	P183,F269	0	0	TC	8.54	6
		6	6	TC	3.95	
		12	12	TC	3.52	
		18	18	TC	3.54	
		24	24	TC	3.48	
		30	30	TC	3.44	
R0931	P272,F268	0	0	TC	18.53	12
		6	6	TC	7.75	
		12	12	TC	6.38	
		18	18	TC	4.31	
		24	24	TC	3.78	
R0932	Q003,F269	0	0	TC	6.25	12
		6	6	TC	5.33	
		12	12	TC	3.33	
		18	18	TC	3.07	
		24	24	TC	2.93	
R0933	Q271,F272	0	0	TC	5.34	6
		6	6	TC	3.32	
		12	12	TC	3.06	
		18	18	TC	3.33	
		24	24	TC	3.29	
R0934	Q273,F360	0	0	TC	2.97	0
		0	6	OC	3.34	
		6	6	TC	2.79	
		12	12	TC	2.97	
		18	18	TC	3.20	
		24	24	TC	3.24	
		30	30	TC	3.21	
		36	36	TC	3.18	
R0935	Q273,F449	0	0	TC	3.66	0
		0	6	OC	3.38	
		6	6	TC	2.98	
		12	12	TC	3.18	
		18	18	TC	3.33	
		24	24	TC	3.41	
		30	30	TC	3.19	
R0936	Q271,G087	0	0	TC	4.14	0
		0	6	OC	4.98	
		6	6	TC	3.05	
		12	12	TC	3.10	
		18	18	TC	3.24	
		24	24	TC	3.28	
		30	30	TC	3.22	
		36	36	TC	3.26	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0937	Q272,G178	0	0	TC	5.64	6
		6	6	TC	4.65	
		12	12	TC	3.52	
		18	18	TC	3.23	
		24	24	TC	3.19	
		30	30	TC	3.16	
		36	36	TC	3.25	
		42	42	TC	3.29	
R0938	Q270,G268	0	0	TC	5.27	6
		6	6	TC	3.12	
		12	12	TC	3.04	
		18	18	TC	3.03	
		24	24	TC	2.94	
		30	30	TC	2.87	
		36	36	TC	3.10	
R0939	Q271,G361	0	0	TC	5.91	6
		6	6	TC	2.77	
		12	12	TC	2.57	
		18	18	TC	2.74	
		24	24	TC	2.74	
		30	30	TC	2.98	
		36	36	TC	2.99	
		42	42	TC	2.95	
R0940	Q273,H000	0	0	TC	7.38	12
		6	6	TC	5.77	
		12	12	TC	3.25	
		18	18	TC	2.89	
		24	24	TC	2.76	
		30	30	TC	2.74	
		36	36	TC	2.64	
		42	42	TC	2.55	
R0941	Q273,H090	0	0	TC	6.00	6
		6	6	TC	2.71	
		12	12	TC	2.45	
		18	18	TC	2.50	
		24	24	TC	2.67	
		30	30	TC	2.71	
R0942	Q269,H183	0	0	TC	13.06	12
		6	6	TC	10.74	
		12	12	TC	7.84	
		18	18	TC	9.88	
		24	24	TC	9.14	
		30	30	TC	5.03	
		36	36	TC	3.40	
R0943	Q180,F180	0	6	OC	23.80	6

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0944	Q272,F182	0	6	OC	94.42	6
		6	12	OC	12.91	
R0945	Q179,F271	0	6	OC		6
		0	6	OC	6.70	
R0946	Q092,F268	0	6	OC	14.01	6
		6	12	OC	5.05	
R0947	Q179,H093	0	0	TC	28.06	12
		6	6	TC	30.36	
		12	12	TC	12.38	
		18	18	TC	6.00	
		24	24	TC	5.14	
		30	30	TC	4.20	
R0948	Q187,H001	0	0	TC	6.50	6
		6	6	TC	4.65	
		12	12	TC	3.24	
		18	18	TC	2.85	
		24	24	TC	2.72	
R0949	Q182,G363	0	0	TC	10.81	12
		6	6	TC	10.23	
		12	12	TC	6.00	
		18	18	TC	3.62	
		24	24	TC	2.99	
R0950	Q182,G268	0	0	TC	7.57	6
		6	6	TC	3.80	
		12	12	TC	3.32	
		18	18	TC	3.32	
		24	24	TC	3.34	
R0951	Q178,G177	0	0	TC	7.05	12
		6	6	TC	11.16	
		12	12	TC	13.93	
		18	18	TC	7.11	
		24	24	TC	5.15	
		30	30	TC	3.91	
R0952	Q179,G086	0	0	TC	5.08	6
		6	6	TC	4.25	
		12	12	TC	3.44	
		18	18	TC	3.51	
		24	24	TC	3.56	
		30	30	TC	3.61	
		36	36	TC	3.66	
R0953	S084,F381	0	6	OC	27.67	6
		0	6	OC		
		0	6	SS	23.00	
		6	12	SS	9.65	
		6	12	OC	5.11	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0954	U149,R158	0	0	TC	1.42	0
		0	6	OC	1.65	
		6	6	TC	1.61	
		12	12	TC	1.71	
		18	18	TC	1.77	
		24	24	TC	1.83	
		30	30	TC	1.83	
		36	36	TC	1.73	
R0955	U089,R179	0	6	OC	2.78	0
R0956	U089,R211	0	0	TC	1.23	0
		0	6	OC	2.43	
		6	6	TC	1.51	
		12	12	TC	1.79	
		18	18	TC	1.64	
		24	24	TC	1.60	
		30	30	TC	1.58	
		36	36	TC	1.60	
		42	42	TC	1.64	
R0957	U027,R211	0	0	TC	1.11	0
		0	6	OC	0.85	
		6	6	TC	1.17	
		12	12	TC	1.06	
		18	18	TC	1.03	
		24	24	TC	1.04	
		30	30	TC	1.05	
		36	36	TC	1.17	
R0958	U032,R179	0	0	TC	1.21	0
		0	6	OC	0.79	
		6	6	TC	1.33	
		12	12	TC	1.26	
		18	18	TC	1.31	
		24	24	TC	1.46	
		30	30	TC	1.48	
		36	36	TC	1.45	
R0959	T331,R179	0	0	TC	1.23	0
		0	6	OC	3.10	
		6	6	TC	1.28	
		12	12	TC	1.42	
		18	18	TC	1.31	
		24	24	TC	1.33	
		30	30	TC	1.32	
		36	36	TC	1.29	
		42	42	TC	1.42	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0960	T319,R234	0	0	TC	1.46	0
		0	6	OC	0.94	
		6	6	TC	1.61	
		12	12	TC	1.33	
		18	18	TC	1.34	
		24	24	TC	1.32	
		30	30	TC	1.13	
		36	36	TC	1.10	
		42	42	TC	1.16	
		48	48	TC	1.29	
R0961	T269,R240	0	0	TC	1.07	0
		0	6	OC	1.62	
		6	6	TC	1.09	
		12	12	TC	1.09	
		18	18	TC	1.22	
		24	24	TC	1.48	
		30	30	TC	1.73	
		36	36	TC	1.91	
R0962	T269,R175	0	0	TC	1.07	0
		0	6	OC	0.78	
		6	6	TC	1.15	
		12	12	TC	1.21	
		18	18	TC	1.41	
		24	24	TC	1.43	
		30	30	TC	1.58	
		36	36	TC	1.75	
		42	42	TC	1.75	
R0963	T210,R239	0	0	TC	1.20	0
		0	6	OC	3.41	
		6	6	TC	1.33	
		12	12	TC	1.38	
		18	18	TC	1.17	
		24	24	TC	1.47	
		30	30	TC	1.60	
		36	36	TC	1.65	
R0964	T210,R177	0	0	TC	1.09	0
		0	6	OC	1.74	
		6	6	TC	1.16	
		12	12	TC	1.27	
		18	18	TC	1.24	
		24	24	TC	1.37	
		30	30	TC	1.57	
		36	36	TC	1.81	
		42	42	TC	1.89	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0965	T150,R178	0	0	TC	1.04	0
		0	6	OC	1.21	
		6	6	TC	1.06	
		12	12	TC	1.15	
		18	18	TC	1.28	
		24	24	TC	1.57	
		30	30	TC	1.88	
		36	36	TC	2.06	
R0966	T146,R235	0	0	TC	1.29	0
		0	6	OC	2.36	
		6	6	TC	1.44	
		12	12	TC	1.47	
		18	18	TC	1.39	
		24	24	TC	1.56	
		30	30	TC	1.87	
		36	36	TC	2.10	
		42	42	TC	2.13	
R0967	T089,R235	0	0	TC	1.20	0
		0	6	OC	2.33	
		6	6	TC	1.28	
		12	12	TC	1.39	
		18	18	TC	1.49	
		24	24	TC	1.77	
		30	30	TC	1.94	
		36	36	TC	2.25	
		42	42	TC	2.26	
R0968	T091,R181	0	0	TC	1.33	0
		0	6	OC	2.02	
		6	6	TC	1.29	
		12	12	TC	1.27	
		18	18	TC	1.47	
		24	24	TC	1.70	
		30	30	TC	1.87	
		36	36	TC	2.00	
R0969	T031,R179	0	0	TC	1.29	0
		0	6	OC	1.21	
		6	6	TC	1.40	
		12	12	TC	1.44	
		18	18	TC	1.41	
		24	24	TC	1.41	
		30	30	TC	1.69	
		36	36	TC	2.06	
		42	42	TC	2.23	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0970	T029,R240	0	0	TC	1.31	0
		0	6	OC	2.54	
		6	6	TC	1.39	
		12	12	TC	1.33	
		18	18	TC	1.37	
		24	24	TC	1.50	
		30	30	TC	1.64	
		36	36	TC	1.56	
R0971	S333,R247	0	0	TC	1.52	0
		0	6	OC	2.81	
		6	6	TC	1.91	
		12	12	TC	1.95	
		18	18	TC	1.78	
		24	24	TC	1.55	
		30	30	TC	1.51	
		36	36	TC	1.56	
R0972	S331,R181	0	0	TC	1.43	0
		0	6	OC	2.23	
		6	6	TC	1.55	
		12	12	TC	1.32	
		18	18	TC	1.20	
		24	24	TC	1.41	
		30	30	TC	1.48	
		36	36	TC	1.73	
		42	42	TC	2.30	
R0973	T306,R213	0	6	OC	1.95	0
R0974	T243,R210	0	0	TC	1.15	0
		0	6	OC	1.17	
		6	6	TC	1.10	
		12	12	TC	1.03	
		18	18	TC	1.05	
		24	24	TC	1.15	
		30	30	TC	1.25	
		36	36	TC	1.38	
R0975	T179,R210	0	0	TC	1.13	0
		0	6	OC	0.54	
		6	6	TC	1.16	
		12	12	TC	1.26	
		18	18	TC	1.24	
		24	24	TC	1.36	
		30	30	TC	1.47	
		36	36	TC	1.58	
		42	42	TC	1.86	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0976	T119,R208	0	0	TC	1.13	0
		0	6	OC	0.89	
		6	6	TC	1.16	
		12	12	TC	1.25	
		18	18	TC	1.25	
		24	24	TC	1.36	
		30	30	TC	1.47	
		36	36	TC	1.81	
R0977	T062,R207	0	0	TC	1.22	0
		0	6	OC	1.15	
		6	6	TC	1.35	
		12	12	TC	1.39	
		18	18	TC	1.51	
		24	24	TC	1.60	
		30	30	TC	1.82	
		36	36	TC	2.10	
		42	42	TC	2.30	
R0978	S357,R219	0	6	OC	1.33	0
R0979	T209,R165	0	6	OC	1.45	0
R0980	T314,R163	0	6	OC	2.21	0
R0981	T324,R241	6	12	OC	1.62	0
R0982	T303,R243	54	60	OC	0.72	0
R0983	T337,R212	0	0	TC	1.41	0
		6	6	TC	1.52	
		12	12	TC	1.37	
		18	18	TC	1.31	
		24	24	TC	1.29	
R0984	U013,R224	0	0	TC	1.29	0
		6	6	TC	1.18	
		12	12	TC	0.95	
		18	18	TC	0.81	
		24	24	TC	0.84	
		30	30	TC	0.85	
		36	36	TC	0.93	
R0985	U039,R232	0	0	TC	1.09	0
		6	6	TC	1.18	
		12	12	TC	1.27	
		18	18	TC	1.25	
		24	24	TC	1.32	
		30	30	TC	1.48	
		36	36	TC	1.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0986	U149,R210	0	0	TC	1.23	0
		0	6	OC	1.72	
		6	6	TC	1.53	
		12	12	TC	1.66	
		18	18	TC	1.70	
		24	24	TC	1.75	
		30	30	TC	1.80	
		36	36	TC	1.88	
R0987	S255,P084	0	0	TC	11.13	12
		6	6	TC	13.58	
		12	12	TC	7.23	
		18	18	TC	3.78	
		24	24	TC	3.14	
		30	30	TC	2.91	
		36	36	TC	2.80	
		42	42	TC	2.98	
		48	48	TC	3.12	
R0988	S178,P084	0	0	TC	122.93	12
		6	6	TC	62.91	
		12	12	TC	12.21	
		18	18	TC	5.27	
		24	24	TC	4.08	
		30	30	TC	3.72	
		36	36	TC	3.47	
		42	42	TC	3.31	
		48	48	TC	3.96	
R0989	S088,P084	0	0	TC	11.94	12
		6	6	TC	7.69	
		12	12	TC	3.90	
		18	18	TC	3.55	
		24	24	TC	3.35	
		30	30	TC	3.14	
		36	36	TC	2.99	
		42	42	TC	3.00	
		48	48	TC	2.98	
R0990	R349,P086	0	0	TC	7.77	6
		6	6	TC	4.33	
		12	12	TC	2.94	
		18	18	TC	2.61	
		24	24	TC	2.80	
		30	30	TC	3.17	
		36	36	TC	3.26	
		42	42	TC	3.66	
		48	48	TC	3.75	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0991	R357,P158	0	0	TC	8.80	12
		6	6	TC	8.50	
		12	12	TC	3.42	
		18	18	TC	2.44	
		24	24	TC	2.29	
		30	30	TC	2.40	
		36	36	TC	2.39	
		42	42	TC	2.61	
		48	48	TC	2.68	
R0992	S094,P176	0	0	TC	4.72	6
		0	6	OC	7.61	
		6	6	TC	2.55	
		12	12	TC	3.96	
		18	18	TC	2.53	
		24	24	TC	2.49	
		30	30	TC	2.64	
		36	36	TC	2.33	
R0993	S168,P185	0	0	TC	7.20	6
		6	6	TC	3.35	
		12	12	TC	2.52	
		18	18	TC	2.30	
		24	24	TC	2.47	
		30	30	TC	2.51	
		36	36	TC	2.61	
		42	42	TC	2.99	
R0994	S257,P173	0	0	TC	24.89	12
		6	6	TC	11.46	
		12	12	TC	5.58	
		18	18	TC	4.86	
		24	24	TC	4.57	
		30	30	TC	4.38	
		36	36	TC	4.74	
		42	42	TC	5.03	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0995	S257,P263	0	0	TC	25.06	78
		6	6	TC	87.04	
		12	12	TC	251.49	
		18	18	TC	177.32	
		24	24	TC	123.53	
		30	30	TC	129.15	
		36	36	TC	112.19	
		42	42	TC	99.83	
		48	48	TC	89.00	
		54	54	TC	85.08	
		60	60	TC	52.60	
		66	66	TC	24.81	
		72	72	TC	16.47	
		78	78	TC	12.39	
		84	84	TC	10.97	
		90	90	TC	9.84	
		96	96	TC	9.70	
		102	102	TC	13.24	
		108	108	TC	7.11	
		114	114	TC	5.23	
		120	120	TC	4.79	
		132	132	TC	4.69	
		144	144	TC	5.48	
R0996	S165,P259	0	0	TC	20.12	78
		6	6	TC	50.55	
		12	12	TC	75.79	
		18	18	TC	90.36	
		24	24	TC	92.41	
		30	30	TC	99.40	
		36	36	TC	94.46	
		42	42	TC	89.85	
		48	48	TC	93.60	
		54	54	TC	113.98	
		60	60	TC	234.44	
		66	66	TC	85.68	
		72	72	TC	20.97	
		78	78	TC	11.44	
		84	84	TC	9.12	
		90	90	TC	7.54	
		96	96	TC	7.24	
		102	102	TC	7.95	
		108	108	TC	6.56	
		114	114	TC	5.48	
		120	120	TC	4.81	
		126	126	TC	4.75	
		138	138	TC	7.10	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R0997	S075,P262	0	0	TC	6.57	42
		6	6	TC	11.15	
		12	12	TC	51.83	
		18	18	TC	60.61	
		24	24	TC	172.20	
		30	30	TC	40.32	
		36	36	TC	17.48	
		42	42	TC	9.42	
		48	48	TC	7.20	
		54	54	TC	7.55	
		60	60	TC	8.41	
		66	66	TC	5.48	
		72	72	TC	3.82	
		78	78	TC	2.95	
R0998	R347,P257	0	0	TC	8.42	12
		6	6	TC	9.86	
		12	12	TC	9.62	
		18	18	TC	7.66	
		24	24	TC	7.55	
		30	30	TC	7.19	
		36	36	TC	6.10	
		42	42	TC	5.95	
		48	48	TC	6.09	
		54	54	TC	6.19	
		60	60	TC	6.52	
		66	66	TC	6.17	
		72	72	TC	7.11	
		78	78	TC	6.20	
		84	84	TC	4.02	
R0999	R326,P354	0	0	TC	5.14	12
		6	6	TC	9.22	
		12	12	TC	2.79	
		18	18	TC	2.63	
		24	24	TC	2.48	
		30	30	TC	2.54	
		36	36	TC	2.36	
		42	42	TC	2.37	
R1000	S067,P364	0	0	TC	6.33	12
		6	6	TC	7.98	
		12	12	TC	5.95	
		18	18	TC	2.68	
		30	30	TC	2.55	
		42	42	TC	2.54	
		48	48	TC	2.53	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1001	S159,P349	0	0	TC	6.42	6
		6	6	TC	4.89	
		12	12	TC	3.14	
		18	18	TC	2.76	
		30	30	TC	2.52	
R1002	S255,P355	0	0	TC	5.73	12
		6	6	TC	5.73	
		12	12	TC	3.07	
		24	24	TC	2.10	
		36	36	TC	2.09	
R1003	S258,P441	0	0	TC	4.07	0
		0	6	OC	3.53	
		6	6	TC	3.86	
		12	12	TC	6.85	
		18	18	TC	4.89	
		24	24	TC	3.29	
		36	36	TC	2.61	
		42	42	TC	2.71	
R1004	S174,P438	0	0	TC	3.68	12
		0	6	OC	7.18	
		6	6	TC	5.18	
		12	12	TC	6.42	
		18	18	TC	8.11	
		18	24	OC	11.92	
		24	24	TC	7.40	
		30	30	TC	5.82	
		36	36	TC	5.12	
		42	42	TC	5.24	
		48	48	TC	5.34	
		54	54	TC	5.24	
		60	60	TC	4.13	
R1005	S078,P443	0	0	TC	47.21	6
		0	6	OC	14.99	
		6	6	TC	4.36	
		12	12	TC	3.56	
		18	18	TC	2.64	
		30	30	TC	2.77	
R1006	R350,P447	0	0	TC	4.48	6
		0	6	OC	9.83	
		6	6	TC	3.24	
		12	12	TC	3.11	
		18	18	TC	3.08	
		24	24	TC	3.17	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1007	S210,P443	0	0	TC	4.28	0
		0	6	OC	3.46	
		6	6	TC	1.79	
		12	12	TC	2.15	
		18	18	TC	2.03	
		24	24	TC	2.55	
		30	30	TC	2.90	
		36	36	TC	2.96	
		42	42	TC	3.03	
		48	48	TC	2.97	
		54	54	TC	2.99	
		60	60	TC	2.93	
		66	66	TC	2.82	
R1008	S127,P443	0	0	TC	4.70	0
		0	6	OC	3.29	
		6	6	TC	4.26	
		12	12	TC	3.16	
		18	18	TC	2.56	
		30	30	TC	2.38	
		42	42	TC	2.69	
R1009	S168,P394	0	0	TC	5.41	12
		6	6	TC	9.72	
		12	12	TC	4.56	
		24	24	TC	2.57	
		36	36	TC	2.62	
R1010	R253,P444	0	0	TC	3.24	6
		0	6	OC	7.79	
		6	6	TC	3.32	
		12	12	TC	3.73	
		18	18	TC	4.71	
		24	24	TC	7.14	
		30	30	TC	7.84	
		36	36	TC	8.24	
		42	42	TC	8.78	
		48	48	TC	8.60	
		54	54	TC	8.81	
		60	60	TC	8.49	
		66	66	TC	7.04	
		72	72	TC	2.58	
R1011	R188,Q037	0	0	TC	2.12	0
		0	6	OC	2.62	
		6	6	TC	2.30	
		12	12	TC	2.42	
		18	18	TC	2.45	
		24	24	TC	2.50	
		30	30	TC	2.46	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1012	R268,P344	0	0	TC	3.18	12
		0	6	OC	4.28	
		0	6	OC	8.67	
		6	6	TC	5.52	
		6	12	OC	4.62	
		12	12	TC	8.49	
		18	18	TC	5.87	
		24	24	TC	5.43	
		30	30	TC	4.26	
		36	36	TC	3.20	
		42	42	TC	3.06	
		48	48	TC	3.06	
		60	60	TC	3.00	
		72	72	TC	3.24	
		84	84	TC	3.73	
R1013	R258,P268	0	0	TC	6.79	12
		6	6	TC	6.31	
		12	12	TC	4.49	
		18	18	TC	3.08	
		24	24	TC	2.38	
		30	30	TC	2.31	
		42	42	TC	3.06	
R1014	R257,P176	0	0	TC	5.04	6
		6	6	TC	4.71	
		12	12	TC	5.39	
		18	18	TC	2.82	
		24	24	TC	2.21	
		30	30	TC	2.16	
R1015	R255,P082	0	0	TC	5.23	12
		6	6	TC	11.38	
		12	12	TC	12.33	
		18	18	TC	3.64	
		24	24	TC	2.57	
R1016	R254,O446	0	0	TC	4.78	6
		0	6	OC	5.70	
		6	6	TC	3.82	
		12	12	TC	5.40	
		18	18	TC	7.22	
		24	24	TC	6.25	
		30	30	TC	3.33	
		36	36	TC	2.90	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1017	R164,P011	0	0	TC	5.04	6
		6	6	TC	2.64	
		12	12	TC	2.22	
		18	18	TC	2.31	
		24	24	TC	2.50	
		30	30	TC	2.69	
		36	36	TC	2.78	
R1018	R164,P086	0	0	TC	12.70	12
		6	6	TC	23.13	
		12	12	TC	10.66	
		18	18	TC	3.42	
		30	30	TC	2.88	
R1019	R187,P183	0	0	TC	33.76	24
		6	6	TC	63.26	
		12	12	TC	43.14	
		18	18	TC	16.04	
		24	24	TC	11.04	
		30	30	TC	6.68	
		36	36	TC	5.81	
		42	42	TC	5.34	
		48	48	TC	5.71	
		54	54	TC	5.46	
		60	60	TC	5.21	
		66	66	TC	4.90	
		78	78	TC	4.50	
R1020	R195;P263	0	0	TC	7.07	12
		6	6	TC	88.40	
		12	12	TC	6.26	
		18	18	TC	5.00	
		24	24	TC	3.63	
		36	36	TC	3.57	
R1021	R161,P362	0	0	TC	2.82	6
		0	6	OC	5.39	
		6	6	TC	3.00	
		12	12	TC	3.32	
		18	18	TC	3.40	
		24	24	TC	3.44	
		30	30	TC	3.29	
R1022	R073,P357	0	0	TC	2.36	6
		0	6	OC	5.03	
		6	6	TC	2.43	
		12	12	TC	2.79	
		18	18	TC	3.02	
		24	24	TC	3.08	
		30	30	TC	3.00	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1023	R073,P266	0	0	TC	2.76	0
		0	6	OC	4.29	
		6	6	TC	2.80	
		12	12	TC	3.00	
		18	18	TC	2.84	
		30	30	TC	2.49	
R1024	R077,P178	0	0	TC	3.16	0
		0	6	OC	1.59	
		6	6	TC	3.10	
		12	12	TC	3.59	
		18	18	TC	3.44	
		24	24	TC	2.65	
		30	30	TC	2.40	
R1025	R072,P092	0	0	TC	7.34	36
		6	6	TC	33.02	
		12	12	TC	40.36	
		18	18	TC	36.49	
		24	24	TC	22.88	
		30	30	TC	22.99	
		36	36	TC	13.96	
		42	42	TC	12.56	
R1026	R076,P000	0	0	TC	4.45	0
		0	6	OC	4.82	
		6	6	TC	2.64	
		12	12	TC	2.37	
		18	18	TC	2.41	
		24	24	TC	2.29	
		30	30	TC	2.26	
		36	36	TC	2.28	
R1027	Q346,P005	0	0	TC	4.96	0
		0	6	OC	3.91	
		6	6	TC	4.13	
		12	12	TC	2.66	
		18	18	TC	2.01	
		24	24	TC	1.91	
		30	30	TC	1.90	
		36	36	TC	1.86	
R1028	Q344,P085	0	0	TC	2.79	0
		0	6	OC	2.64	
		6	6	TC	2.10	
		12	12	TC	1.89	
		18	18	TC	1.89	
		24	24	TC	2.10	
		30	30	TC	2.24	
		36	36	TC	2.24	
		42	42	TC	2.14	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1029	Q347,P178	0	0	TC	3.18	96
		6	6	TC	3.50	
		12	12	TC	4.83	
		18	18	TC	5.74	
		24	24	TC	6.85	
		30	30	TC	9.63	
		36	36	TC	21.31	
		42	42	TC	124.89	
		48	48	TC	40.15	
		54	54	TC	15.06	
		60	60	TC	12.21	
		66	66	TC	13.22	
		72	72	TC	16.28	
		78	78	TC	17.90	
		84	84	TC	21.57	
		90	90	TC	22.76	
		96	96	TC	11.58	
		102	102	TC	8.41	
		108	108	TC	5.26	
		114	114	TC	4.48	
		120	120	TC	4.12	
		126	126	TC	4.52	
R1030	Q352,P268	0	0	TC	3.56	6
		0	6	OC	9.30	
		6	6	TC	4.69	
		12	12	TC	4.31	
		18	18	TC	4.10	
		24	24	TC	3.94	
		30	30	TC	4.10	
		36	36	TC	3.78	
		42	42	TC	3.90	
R1031	R000,P251	0	0	TC	14.54	12
		6	6	TC	24.64	
		12	12	TC	10.14	
		18	18	TC	5.72	
		24	24	TC	4.74	
		30	30	TC	4.44	
		36	36	TC	4.31	
		42	42	TC	3.05	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1032	Q262,P151	0	0	TC	2.86	96
		6	6	TC	4.56	
		12	12	TC	6.53	
		18	18	TC	11.15	
		24	24	TC	24.89	
		30	30	TC	70.42	
		36	36	TC	80.56	
		42	42	TC	94.46	
		48	48	TC	92.24	
		54	54	TC	68.54	
		60	60	TC	26.43	
		66	66	TC	19.01	
		72	72	TC	17.73	
		78	78	TC	21.06	
		84	84	TC	22.85	
		90	90	TC	22.42	
		96	96	TC	13.18	
		102	102	TC	8.80	
		108	108	TC	7.01	
		114	114	TC	6.72	
		120	120	TC	6.40	
		126	126	TC	5.66	
		132	132	TC	4.54	
		138	138	TC	4.77	
		144	144	TC	5.56	
R1033	Q287,P091	0	0	TC	3.57	0
		0	6	OC	4.59	
		6	6	TC	3.29	
		12	12	TC	3.32	
		18	18	TC	2.25	
		24	24	TC	2.05	
		30	30	TC	1.99	
		36	36	TC	1.98	
R1034	Q261,O439	0	0	TC	5.05	12
		6	6	TC	5.61	
		12	12	TC	5.91	
		18	18	TC	5.35	
		24	24	TC	4.14	
		30	30	TC	3.57	
		36	36	TC	2.98	
R1035	Q165,O430	0	0	TC	5.34	12
		6	6	TC	5.26	
		12	12	TC	3.61	
		18	18	TC	2.63	
		24	24	TC	2.37	
		30	30	TC	2.40	
		36	36	TC	2.24	
		42	42	TC	2.28	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1036	Q170,P085	0	0	TC	3.26	54
		6	6	TC	5.64	
		12	12	TC	8.80	
		18	18	TC	15.69	
		24	24	TC	38.87	
		30	30	TC	65.30	
		36	36	TC	86.96	
		42	42	TC	59.16	
		48	48	TC	32.48	
		54	54	TC	14.18	
		60	60	TC	11.01	
		66	66	TC	9.97	
		72	72	TC	9.72	
		78	78	TC	12.35	
		84	84	TC	11.75	
		90	90	TC	8.04	
		96	96	TC	5.64	
		102	102	TC	4.76	
		108	108	TC	4.28	
		114	114	TC	4.36	
		120	120	TC	4.22	
		126	126	TC	4.44	
		132	132	TC	4.55	
		138	138	TC	5.29	
R1037	Q081,P087	0	6	OC	2.65	0
R1038	Q092,O445	0	0	TC	17.82	18
		6	6	TC	40.15	
		12	12	TC	17.90	
		18	18	TC	8.54	
		24	24	TC	7.20	
		30	30	TC	4.16	
		36	36	TC	3.15	
		42	42	TC	3.33	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1039	Q001,O446	0	0	TC	3.84	66
		6	6	TC	4.73	
		12	12	TC	6.88	
		18	18	TC	7.63	
		24	24	TC	9.24	
		30	30	TC	12.30	
		36	36	TC	32.57	
		42	42	TC	88.32	
		48	48	TC	104.35	
		54	54	TC	54.39	
		60	60	TC	23.44	
		66	66	TC	11.64	
		72	72	TC	11.54	
		78	78	TC	10.98	
		84	84	TC	9.36	
		90	90	TC	8.66	
		96	96	TC	8.79	
		102	102	TC	9.63	
		108	108	TC	8.80	
		114	114	TC	8.19	
		120	120	TC	7.40	
		126	126	TC	6.64	
		132	132	TC	6.22	
		138	138	TC	5.81	
		144	144	TC	5.46	
		150	150	TC	5.65	
		156	156	TC	5.44	
R1040	Q350,O339	0	0	TC	5.06	6
		6	6	TC	3.76	
		12	12	TC	3.15	
		18	18	TC	3.23	
		24	24	TC	3.20	
		30	30	TC	3.92	
		36	36	TC	6.45	
		42	42	TC	9.00	
		48	48	TC	9.72	
		54	54	TC	4.82	
		60	60	TC	3.03	
		66	66	TC	2.68	
		72	72	TC	2.83	
R1041	Q346,O269	0	0	TC	7.33	12
		6	6	TC	7.79	
		12	12	TC	3.02	
		18	18	TC	2.68	
		24	24	TC	2.53	
		30	30	TC	2.51	
		36	36	TC	2.43	
		42	42	TC	2.55	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1042	Q345,O175	0	0	TC	3.02	120
		6	6	TC	2.76	
		12	12	TC	2.64	
		18	18	TC	2.61	
		24	24	TC	2.94	
		30	30	TC	3.00	
		36	36	TC	3.31	
		42	42	TC	3.58	
		48	48	TC	3.84	
		54	54	TC	4.33	
		60	60	TC	5.03	
		66	66	TC	5.67	
		72	72	TC	7.11	
		78	78	TC	10.12	
		84	84	TC	14.62	
		90	90	TC	22.22	
		96	96	TC	48.02	
		102	102	TC	87.15	
		108	108	TC	41.62	
		114	114	TC	15.62	
		120	120	TC	8.37	
		126	126	TC	8.23	
R1043	Q257,O263	0	0	TC	3.72	138
		6	6	TC	3.27	
		12	12	TC	3.12	
		18	18	TC	3.36	
		24	24	TC	3.41	
		30	30	TC	3.68	
		36	36	TC	3.31	
		42	42	TC	3.38	
		48	48	TC	3.70	
		54	54	TC	3.79	
		60	60	TC	3.69	
		66	66	TC	3.51	
		72	72	TC	3.50	
		78	78	TC	3.61	
		84	84	TC	3.44	
		90	90	TC	4.34	
		96	96	TC	5.81	
		102	102	TC	5.58	
		108	108	TC	7.87	
		114	114	TC	12.57	
		120	120	TC	29.72	
		126	126	TC	18.41	
		132	132	TC	16.31	
		138	138	TC	8.61	
		144	144	TC	4.89	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1044	R076,O267	0	0	TC	6.44	12
		6	6	TC	9.42	
		12	12	TC	10.38	
		18	18	TC	8.00	
		24	24	TC	4.19	
		30	30	TC	3.14	
		36	36	TC	2.89	
		42	42	TC	2.69	
R1045	R074,O357	0	0	TC	3.66	6
		0	6	OC	6.56	
		6	6	TC	3.59	
		12	12	TC	3.33	
		18	18	TC	2.92	
		24	24	TC	2.37	
		30	30	TC	2.41	
		36	36	TC	2.46	
R1046	R065,O303	0	0	TC	15.63	36
		6	6	TC	29.84	
		12	12	TC	18.58	
		18	18	TC	14.14	
		24	24	TC	12.62	
		30	30	TC	15.51	
		36	36	TC	13.73	
		42	42	TC	10.86	
		48	48	TC	5.04	
		54	54	TC	2.96	
		60	60	TC	2.65	
		72	72	TC	2.51	
R1047	R015,O329	0	0	TC	59.16	36
		6	6	TC	108.27	
		12	12	TC	63.94	
		18	18	TC	19.44	
		24	24	TC	13.26	
		30	30	TC	15.40	
		36	36	TC	11.49	
		42	42	TC	11.30	
		48	48	TC	13.01	
		54	54	TC	11.62	
		60	60	TC	4.85	
		72	72	TC	4.01	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1048	Q305,O311	0	0	TC	6.20	66
		6	6	TC	13.90	
		12	12	TC	24.64	
		18	18	TC	43.22	
		24	24	TC	62.15	
		30	30	TC	108.61	
		36	36	TC	67.94	
		42	42	TC	85.85	
		48	48	TC	116.62	
		54	54	TC	48.68	
		60	60	TC	20.63	
		66	66	TC	10.55	
		72	72	TC	7.04	
		78	78	TC	6.24	
		84	84	TC	5.44	
		90	90	TC	4.97	
		96	96	TC	4.13	
		102	102	TC	4.19	
		108	108	TC	4.88	
		114	114	TC	5.29	
		120	120	TC	4.15	
		132	132	TC	3.29	
		144	144	TC	3.50	
		156	156	TC	3.72	
		168	168	TC	4.54	
R1049	R163,O357	0	0	TC	5.15	6
		6	6	TC	2.97	
		12	12	TC	2.16	
		18	18	TC	2.01	
		24	24	TC	2.00	
		30	30	TC	1.94	
		36	36	TC	1.93	
		42	42	TC	1.88	
R1050	R254,O356	0	0	TC	15.88	48
		6	6	TC	21.47	
		12	12	TC	27.15	
		18	18	TC	28.21	
		24	24	TC	29.04	
		30	30	TC	36.55	
		36	36	TC	53.46	
		42	42	TC	57.33	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1051	R240,O339	0	0	TC	7.14	48
		6	6	TC	8.66	
		12	12	TC	11.95	
		18	18	TC	20.81	
		24	24	TC	47.47	
		30	30	TC	8.66	
		36	36	TC	6.56	
		42	42	TC	23.45	
		48	48	TC	10.58	
		54	54	TC	8.74	
		60	60	TC	9.40	
		66	66	TC	9.86	
R1052	Q255,O358	0	0	TC	5.27	12
		6	6	TC	5.60	
		12	12	TC	8.54	
		18	18	TC	9.26	
		24	24	TC	10.95	
		30	30	TC	10.43	
		36	36	TC	8.77	
		42	42	TC	8.28	
		48	48	TC	8.92	
		54	54	TC	9.00	
		60	60	TC	10.26	
		66	66	TC	11.52	
		72	72	TC	6.82	
		78	78	TC	3.87	
		84	84	TC	3.27	
R1053	Q288,O358	0	0	TC	5.16	12
		6	6	TC	5.48	
		12	12	TC	5.30	
		18	18	TC	4.77	
		24	24	TC	4.23	
		30	30	TC	4.01	
		36	36	TC	4.09	
		42	42	TC	4.03	
		48	48	TC	4.05	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1054	R072,O175	0	0	TC	2.90	108
		6	6	TC	2.80	
		12	12	TC	3.39	
		18	18	TC	3.69	
		24	24	TC	3.86	
		30	30	TC	3.90	
		36	36	TC	3.98	
		42	42	TC	4.15	
		48	48	TC	4.33	
		54	54	TC	4.67	
		60	60	TC	5.56	
		66	66	TC	6.82	
		72	72	TC	10.38	
		78	78	TC	17.83	
		84	84	TC	41.42	
		90	90	TC	48.50	
		96	96	TC	22.93	
		102	102	TC	17.49	
		108	108	TC	13.87	
		114	114	TC	9.09	
		120	120	TC	5.58	
		126	126	TC	4.13	
		132	132	TC	3.16	
		138	138	TC	2.73	
		144	144	TC	2.75	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1055	Q203,O160	0	0	TC	5.83	126
		6	6	TC	14.86	
		12	12	TC	34.87	
		18	18	TC	12.63	
		24	24	TC	6.73	
		30	30	TC	4.75	
		36	36	TC	4.88	
		42	42	TC	5.58	
		48	48	TC	4.79	
		54	54	TC	5.23	
		60	60	TC	6.62	
		66	66	TC	9.79	
		72	72	TC	11.71	
		78	78	TC	17.56	
		84	84	TC	17.31	
		90	90	TC	16.51	
		96	96	TC	30.69	
		102	102	TC	42.20	
		108	108	TC	55.50	
		114	114	TC	46.46	
		120	120	TC	19.18	
		126	126	TC	6.64	
		132	132	TC	4.78	
		138	138	TC	4.38	
		144	144	TC	4.37	
		150	150	TC	4.88	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1056	Q272,O039	0	0	TC	4.44	114
		6	6	TC	5.48	
		12	12	TC	4.51	
		18	18	TC	5.62	
		24	24	TC	11.09	
		30	30	TC	23.36	
		36	36	TC	33.67	
		42	42	TC	46.80	
		48	48	TC	40.75	
		54	54	TC	14.08	
		60	60	TC	7.32	
		66	66	TC	6.50	
		72	72	TC	5.40	
		78	78	TC	4.82	
		84	84	TC	5.09	
		90	90	TC	7.07	
		96	96	TC	7.64	
		102	102	TC	11.49	
		108	108	TC	15.41	
		114	114	TC	6.01	
		120	120	TC	4.00	
		126	126	TC	3.51	
		132	132	TC	3.32	
		138	138	TC	3.20	
		144	144	TC	3.11	
		150	150	TC	3.52	
R1057	Q242,O181	0	0	TC	3.35	72
		6	6	TC	3.42	
		12	12	TC	3.59	
		18	18	TC	4.00	
		24	24	TC	4.60	
		30	30	TC	6.16	
		36	36	TC	8.04	
		42	42	TC	14.85	
		48	48	TC	25.40	
		54	54	TC	38.70	
		60	60	TC	22.85	
		66	66	TC	20.53	
		72	72	TC	13.13	
		78	78	TC	12.38	
		84	84	TC	12.27	
		90	90	TC	10.69	
		96	96	TC	9.66	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1058	P251,O424	0	0	TC	101.11	48
		0	6	OC	3.70	
		6	6	TC	291.56	
		12	12	TC	574.58	
		18	18	TC	685.41	
		18	24	OC	8.32	
		24	24	TC	612.10	
		30	30	TC	148.34	
		36	36	TC	48.59	
		42	42	TC	23.70	
		48	48	TC	13.98	
		54	54	TC	11.73	
		60	60	TC	9.14	
		66	66	TC	7.50	
		72	72	TC	6.27	
		78	78	TC	5.83	
R1059	P272,O361	0	0	TC	5.03	6
		6	6	TC	4.25	
		12	12	TC	3.87	
		18	18	TC	3.73	
		24	24	TC	3.45	
		30	30	TC	2.77	
		36	36	TC	2.60	
		42	42	TC	2.67	
		48	48	TC	2.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1060	P187,O346	0	0	TC	4.11	66
		6	6	TC	3.76	
		12	12	TC	4.87	
		18	18	TC	6.07	
		24	24	TC	11.59	
		30	30	TC	30.26	
		36	36	TC	82.86	
		42	42	TC	89.34	
		48	48	TC	76.73	
		54	54	TC	43.82	
		60	60	TC	16.62	
		66	66	TC	11.45	
		72	72	TC	8.16	
		78	78	TC	7.47	
		84	84	TC	7.66	
		90	90	TC	7.59	
		96	96	TC	8.09	
		102	102	TC	10.43	
		108	108	TC	10.78	
		114	114	TC	9.91	
		120	120	TC	9.97	
		126	126	TC	9.45	
		132	132	TC	7.65	
		138	138	TC	5.99	
		144	144	TC	4.27	
		150	150	TC	4.53	
R1061	P079,O334	0	0	TC	3.08	6
		0	6	OC	5.04	
		6	6	TC	2.67	
		12	12	TC	2.82	
		18	18	TC	3.17	
		24	24	TC	3.45	
		30	30	TC	4.35	
		36	36	TC	4.73	
		42	42	TC	3.98	
		48	48	TC	3.20	
R1062	P091,O256	0	0	TC	8.74	12
		6	6	TC	12.75	
		12	12	TC	7.64	
		18	18	TC	5.12	
		24	24	TC	4.29	
		30	30	TC	3.93	
		36	36	TC	3.50	
		42	42	TC	2.71	
		48	48	TC	2.77	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1063	P000,O288	0	0	TC	3.54	0
		0	6	OC	2.33	
		6	6	TC	3.37	
		12	12	TC	4.78	
		18	18	TC	7.14	
		18	24	OC	7.19	
		18	24	SS	3.36	
		24	24	TC	4.78	
		30	30	TC	3.72	
		36	36	TC	3.46	
		42	42	TC	3.58	
R1064	O262,O170	0	0	TC	8.40	6
		6	6	TC	4.50	
		12	12	TC	3.92	
		18	18	TC	3.69	
		24	24	TC	3.40	
		30	30	TC	3.17	
		36	36	TC	3.14	
R1065	O269,O239	0	0	TC	3.59	0
		0	6	OC	2.99	
		6	6	TC	2.81	
		12	12	TC	3.96	
		18	18	TC	5.38	
		18	24	OC	2.29	
		24	24	TC	4.32	
		30	30	TC	3.67	
		36	36	TC	3.41	
R1066	O179,O187	0	0	TC	5.05	6
		6	6	TC	4.09	
		12	12	TC	7.28	
		18	18	TC	8.11	
		24	24	TC	5.71	
		30	30	TC	4.69	
		36	36	TC	4.62	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1067	O090,O161	0	0	TC	4.76	186
		0	24	OC	6.75	
		6	6	TC	5.24	
		12	12	TC	8.86	
		18	18	TC	20.38	
		24	24	TC	30.85	
		24	36	OC	16.15	
		24	36	SS	37.50	
		30	30	TC	29.47	
		36	36	TC	36.61	
		36	78	OC	87.37	
		42	42	TC	47.59	
		78	114	SS	14.80	
		78	114	OC	64.69	
		114	132	OC	51.63	
		132	150	OC	49.72	
		150	168	OC	5.20	
		168	184	SS	88.00	
		168	186	OC	87.42	
R1068	O003,O061	0	0	TC	5.38	60
		6	6	TC	9.66	
		12	12	TC	24.89	
		18	18	TC	65.98	
		24	24	TC	163.85	
		30	30	TC	161.89	
		36	36	TC	116.79	
		42	42	TC	82.10	
		48	48	TC	46.55	
		54	54	TC	19.95	
		60	60	TC	13.26	
		66	66	TC	10.98	
		72	72	TC	8.94	
		78	78	TC	8.52	
		84	84	TC	8.94	
		90	90	TC	10.02	
		96	96	TC	10.54	
		102	102	TC	8.22	
		108	108	TC	6.05	
		114	114	TC	5.67	
		120	120	TC	5.64	
		126	126	TC	6.74	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1069	O081,O102	0	0	TC	14.44	186
		6	6	TC	28.90	
		12	12	TC	38.45	
		18	18	TC	45.44	
		24	24	TC	62.91	
		30	30	TC	75.62	
		36	36	TC	77.58	
		42	42	TC	38.28	
		48	48	TC	17.65	
		54	54	TC	12.23	
		60	60	TC	12.57	
		66	66	TC	14.85	
		72	72	TC	24.21	
		78	78	TC	63.68	
		84	84	TC	35.98	
		90	90	TC	22.51	
		96	96	TC	13.44	
		102	102	TC	12.46	
		108	108	TC	13.52	
		114	114	TC	15.23	
		120	120	TC	26.00	
		126	126	TC	98.89	
		132	132	TC	437.33	
		138	138	TC	242.11	
		144	144	TC	202.90	
		150	150	TC	124.81	
		156	156	TC	155.50	
		162	162	TC	156.95	
		168	168	TC	179.02	
		174	174	TC	75.70	
		180	180	TC	23.53	
		186	186	TC	12.24	
		192	192	TC	10.03	
		198	198	TC	1.30	
		204	204	TC	8.49	
		210	210	TC	5.49	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1070	N265,O005	0	0	TC	3.96	60
		6	6	TC	5.79	
		12	12	TC	27.37	
		18	18	TC	73.49	
		24	24	TC	92.92	
		30	30	TC	103.07	
		36	36	TC	87.38	
		42	42	TC	63.85	
		48	48	TC	23.36	
		54	54	TC	15.17	
		60	60	TC	14.39	
		66	66	TC	13.92	
		72	72	TC	13.70	
		78	78	TC	13.88	
		84	84	TC	14.37	
		90	90	TC	11.21	
		96	96	TC	7.83	
		102	102	TC	6.29	
		108	108	TC	6.85	
R1071	N187,O004	0	0	TC	4.39	0
		0	6	OC	2.46	
		6	6	TC	3.71	
		12	12	TC	4.10	
		18	18	TC	4.74	
		22	28	OC	7.65	
		24	24	TC	5.79	
		30	30	TC	5.58	
		36	36	TC	5.43	
R1072	N086,N417	0	0	TC	3.33	0
		0	6	OC	2.76	
		6	6	TC	2.46	
		12	12	TC	2.59	
		18	18	TC	2.87	
		24	24	TC	3.29	
		30	30	TC	3.75	
		36	36	TC	3.72	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1073	M359,M359	0	0	TC	47.74	36
		6	6	TC	114.32	
		12	12	TC	162.66	
		18	18	TC	160.78	
		24	24	TC	52.60	
		30	30	TC	15.33	
		36	36	TC	7.98	
		42	42	TC	6.30	
		48	48	TC	6.03	
		54	54	TC	5.62	
		60	60	TC	5.12	
		66	66	TC	5.00	
		72	72	TC	4.87	
		78	78	TC	4.77	
R1074	N091,M362	0	0	TC	47.06	12
		6	6	TC	39.30	
		12	12	TC	9.72	
		18	18	TC	4.13	
		24	24	TC	3.37	
		30	30	TC	2.92	
		36	36	TC	3.03	
		42	42	TC	3.86	
		48	48	TC	3.20	
		60	60	TC	3.22	
		72	72	TC	4.15	
R1075	N181,M360	0	0	TC	62.40	48
		6	6	TC	87.55	
		12	12	TC	115.17	
		18	18	TC	116.37	
		24	24	TC	148.76	
		30	30	TC	173.91	
		36	36	TC	48.34	
		42	42	TC	18.50	
		48	48	TC	8.27	
		54	54	TC	6.31	
		60	60	TC	6.40	
		66	66	TC	8.29	
		72	72	TC	9.43	
		78	78	TC	8.79	
		84	84	TC	5.87	
		90	90	TC	5.12	
		96	96	TC	6.24	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1076	N274,M385	0	0	TC	11.01	54
		6	6	TC	11.56	
		12	12	TC	23.78	
		18	18	TC	49.70	
		24	24	TC	78.34	
		30	30	TC	184.14	
		36	36	TC	219.94	
		42	42	TC	85.34	
		48	48	TC	24.55	
		54	54	TC	12.60	
		60	60	TC	9.03	
		66	66	TC	8.51	
		72	72	TC	9.05	
		78	78	TC	9.15	
		84	84	TC	8.67	
		90	90	TC	8.64	
		96	96	TC	8.19	
R1077	N268,M271	0	0	TC	6.88	12
		6	6	TC	5.46	
		12	12	TC	4.41	
		18	18	TC	4.14	
		24	24	TC	3.72	
		30	30	TC	3.24	
R1078	N267,M177	0	0	TC	24.21	90
		6	6	TC	44.84	
		12	12	TC	60.36	
		18	18	TC	76.90	
		24	24	TC	50.21	
		30	30	TC	73.91	
		36	36	TC	88.83	
		42	42	TC	88.57	
		48	48	TC	90.79	
		54	54	TC	85.16	
		60	60	TC	86.36	
		66	66	TC	97.87	
		72	72	TC	91.81	
		78	78	TC	69.48	
		84	84	TC	21.91	
		90	90	TC	9.51	
		96	96	TC	6.34	
		102	102	TC	5.17	
		108	108	TC	4.85	
		114	114	TC	6.46	
		120	120	TC	7.66	
		126	126	TC	7.88	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1079	N175,M179	0	0	TC	62.40	84
		6	6	TC	167.43	
		12	12	TC	278.77	
		18	18	TC	306.05	
		24	24	TC	271.95	
		30	30	TC	126.85	
		36	36	TC	83.20	
		42	42	TC	111.59	
		48	48	TC	108.78	
		54	54	TC	95.99	
		60	60	TC	125.23	
		66	66	TC	178.17	
		72	72	TC	55.41	
		78	78	TC	19.35	
		84	84	TC	12.40	
		90	90	TC	10.29	
		96	96	TC	8.99	
		102	102	TC	8.24	
		108	108	TC	8.18	
		114	114	TC	10.76	
R1080	N090,M203	0	0	TC	93.18	36
		6	6	TC	226.76	
		12	12	TC	273.65	
		18	18	TC	202.90	
		24	24	TC	95.05	
		30	30	TC	35.38	
		36	36	TC	14.46	
		42	42	TC	8.17	
		48	48	TC	6.17	
		54	54	TC	5.05	
		60	60	TC	4.31	
		66	66	TC	4.02	
		72	72	TC	4.05	
		78	78	TC	3.89	
		90	90	TC	3.84	
		102	102	TC	4.19	
		114	114	TC	3.80	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1081	M358,M193	0	0	TC	13.93	12
		6	6	TC	11.98	
		12	12	TC	4.71	
		18	18	TC	3.25	
		24	24	TC	3.00	
		30	30	TC	2.93	
		36	36	TC	2.86	
		48	48	TC	2.80	
		60	60	TC	2.48	
		72	72	TC	2.46	
		84	84	TC	2.80	
		96	96	TC	3.02	
		108	108	TC	2.96	
		114	114	TC	2.77	
R1082	M357,M271	0	0	TC	40.49	54
		6	6	TC	148.08	
		12	12	TC	184.99	
		18	18	TC	176.47	
		24	24	TC	136.74	
		30	30	TC	102.04	
		36	36	TC	84.23	
		42	42	TC	48.51	
		48	48	TC	25.49	
		54	54	TC	13.15	
		60	60	TC	9.48	
		66	66	TC	8.49	
		72	72	TC	7.75	
		78	78	TC	6.93	
		84	84	TC	6.00	
		90	90	TC	5.51	
		96	96	TC	6.18	
		102	102	TC	5.87	
		108	108	TC	5.62	
		114	114	TC	5.40	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1083	N087,M269	0	0	TC	13.75	72
		6	6	TC	26.26	
		12	12	TC	39.90	
		18	18	TC	13.65	
		24	24	TC	11.40	
		30	30	TC	15.46	
		36	36	TC	18.58	
		42	42	TC	30.43	
		48	48	TC	52.86	
		54	54	TC	106.90	
		60	60	TC	77.15	
		66	66	TC	18.58	
		72	72	TC	9.26	
		78	78	TC	6.18	
		84	84	TC	5.17	
		90	90	TC	4.87	
		96	96	TC	4.65	
		102	102	TC	4.44	
		114	114	TC	5.15	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1084	N176,M269	0	0	TC	20.55	186
		6	6	TC	53.62	
		12	12	TC	64.62	
		18	18	TC	69.99	
		24	24	TC	74.68	
		30	30	TC	79.71	
		36	36	TC	84.74	
		42	42	TC	94.29	
		48	48	TC	87.98	
		54	54	TC	87.81	
		60	60	TC	83.37	
		66	66	TC	90.54	
		72	72	TC	110.23	
		78	78	TC	112.70	
		84	84	TC	148.34	
		90	90	TC	266.83	
		96	96	TC	567.76	
		102	102	TC	661.54	
		108	108	TC	607.83	
		114	114	TC	443.30	
		120	120	TC	265.13	
		126	126	TC	110.06	
		132	132	TC	43.14	
		138	138	TC	27.37	
		144	144	TC	24.04	
		150	150	TC	20.12	
		156	156	TC	13.96	
		162	162	TC	10.47	
		168	168	TC	13.08	
		174	174	TC	17.31	
		180	180	TC	15.92	
		186	186	TC	12.48	
		192	192	TC	10.55	
R1085	N009,N001	0	0	TC	12.33	12
		6	6	TC	12.28	
		12	12	TC	9.07	
		18	18	TC	5.77	
		24	24	TC	4.58	
		30	30	TC	4.04	
		36	36	TC	3.72	
		42	42	TC	3.67	
		48	48	TC	3.64	
		54	54	TC	3.47	
		60	60	TC	3.35	
		66	66	TC	3.25	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1086	N005,N091	0	0	TC	8.18	12
		6	6	TC	8.61	
		12	12	TC	4.25	
		18	18	TC	2.72	
		24	24	TC	2.46	
		30	30	TC	2.36	
		36	36	TC	2.31	
		42	42	TC	2.34	
		48	48	TC	2.29	
		60	60	TC	2.31	
		72	72	TC	2.26	
R1087	N001,N177	0	0	TC	6.09	12
		6	6	TC	8.17	
		12	12	TC	9.33	
		18	18	TC	4.07	
		24	24	TC	2.85	
		30	30	TC	2.41	
		36	36	TC	2.44	
		42	42	TC	2.54	
R1088	M358,N270	0	0	TC	5.40	36
		6	6	TC	6.49	
		12	12	TC	15.94	
		18	18	TC	43.22	
		24	24	TC	64.45	
		30	30	TC	42.03	
		36	36	TC	12.72	
		42	42	TC	5.26	
		48	48	TC	4.13	
		54	54	TC	3.78	
		60	60	TC	3.78	
		66	66	TC	3.99	
		72	72	TC	3.72	
R1089	N001,N312	0	0	TC	3.45	6
		0	6	OC	6.87	
		6	6	TC	3.27	
		12	12	TC	3.95	
		18	18	TC	4.52	
		24	24	TC	6.36	
		30	30	TC	10.23	
		36	36	TC	8.76	
		42	42	TC	4.62	
		48	48	TC	3.27	
		54	54	TC	2.98	
		60	60	TC	3.08	
		66	66	TC	3.44	
		72	72	TC	3.32	
		78	78	TC	3.21	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1090	N094,N358	0	0	TC	3.98	0
		0	6	OC	4.48	
		6	6	TC	3.47	
		12	12	TC	3.51	
		18	18	TC	3.72	
		24	24	TC	5.53	
		30	30	TC	6.71	
		36	36	TC	7.05	
		42	42	TC	6.82	
		48	48	TC	6.94	
R1091	N079,N287	0	0	TC	5.08	6
		6	6	TC	4.21	
		12	12	TC	6.51	
		18	18	TC	12.13	
		24	24	TC	10.95	
		30	30	TC	4.01	
		36	36	TC	3.16	
R1092	N088,N175	0	0	TC	8.68	18
		6	6	TC	14.84	
		12	12	TC	16.05	
		18	18	TC	6.84	
		24	24	TC	3.73	
		30	30	TC	2.95	
		36	36	TC	2.67	
		42	42	TC	2.28	
R1093	N159,N392	0	0	TC	5.26	12
		6	6	TC	6.08	
		12	12	TC	6.91	
		18	18	TC	8.51	
		24	24	TC	6.34	
		30	30	TC	4.53	
		36	36	TC	3.74	
		42	42	TC	3.23	
R1094	N088,N104	0	0	TC	6.91	12
		6	6	TC	5.80	
		12	12	TC	7.23	
		18	18	TC	13.59	
		24	24	TC	7.19	
		30	30	TC	4.34	
		36	36	TC	3.04	
		42	42	TC	2.63	
		48	48	TC	2.69	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1095	N090,M449	0	0	TC	7.09	42
		6	6	TC	8.64	
		12	12	TC	15.20	
		18	18	TC	28.30	
		24	24	TC	53.62	
		30	30	TC	48.00	
		36	36	TC	21.40	
		42	42	TC	6.39	
		48	48	TC	4.25	
		54	54	TC	4.07	
		60	60	TC	3.61	
		66	66	TC	3.55	
		72	72	TC	3.63	
		78	78	TC		
R1096	N178,M447	0	0	TC	7.48	12
		6	6	TC	5.50	
		12	12	TC	3.35	
		18	18	TC	2.24	
		24	24	TC	2.03	
		30	30	TC	1.89	
		36	36	TC	1.96	
		42	42	TC	2.03	
R1097	N177,N088	0	0	TC	5.95	6
		6	6	TC	4.28	
		12	12	TC	4.25	
		18	18	TC	3.69	
		24	24	TC	3.91	
		30	30	TC	4.36	
		36	36	TC	4.38	
		42	42	TC	4.48	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1098	N188,N181	0	0	TC	6.38	102
		6	6	TC	7.48	
		12	12	TC	13.81	
		18	18	TC	37.25	
		24	24	TC	80.90	
		30	30	TC	95.74	
		36	36	TC	146.63	
		42	42	TC	499.56	
		48	48	TC	86.10	
		54	54	TC	55.92	
		60	60	TC	90.88	
		66	66	TC	90.45	
		72	72	TC	97.10	
		78	78	TC	88.49	
		84	84	TC	54.47	
		90	90	TC	37.17	
		96	96	TC	15.56	
		102	102	TC	10.37	
		108	108	TC	9.62	
		114	114	TC	10.26	
		120	120	TC	9.66	
		126	126	TC	9.14	
		132	132	TC	6.64	
		138	138	TC	5.72	
		144	144	TC	5.31	
		150	150	TC	5.11	
		156	156	TC	4.89	
		162	162	TC	4.50	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1099	N169,N268	0	0	TC	4.63	108
		6	6	TC	5.09	
		12	12	TC	9.87	
		18	18	TC	17.22	
		24	24	TC	52.94	
		30	30	TC	82.95	
		36	36	TC	79.11	
		42	42	TC	47.83	
		48	48	TC	16.50	
		54	54	TC	11.54	
		60	60	TC	16.03	
		66	66	TC	19.86	
		72	72	TC	23.96	
		78	78	TC	20.97	
		84	84	TC	22.08	
		90	90	TC	34.87	
		96	96	TC	90.88	
		102	102	TC	31.88	
		108	108	TC	10.71	
		114	114	TC	6.47	
		120	120	TC	5.23	
		126	126	TC	4.99	
		132	132	TC	4.78	
		138	138	TC	4.59	
		144	144	TC	4.98	
		150	150	TC	4.86	
		156	156	TC	5.75	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1100	N194,N366	0	0	TC	6.56	126
		6	6	TC	10.25	
		12	12	TC	17.17	
		18	18	TC	50.70	
		24	24	TC	89.25	
		30	30	TC	60.74	
		36	36	TC	27.97	
		42	42	TC	24.65	
		48	48	TC	19.44	
		54	54	TC	13.72	
		60	60	TC	12.28	
		66	66	TC	13.43	
		72	72	TC	15.50	
		78	78	TC	27.42	
		84	84	TC	85.52	
		90	90	TC	90.87	
		96	96	TC	66.73	
		102	102	TC	57.50	
		108	108	TC	86.33	
		114	114	TC	108.20	
		120	120	TC	34.66	
		126	126	TC	12.83	
		132	132	TC	8.86	
		138	138	TC	7.90	
R1101	N269,M448	0	0	TC	25.32	36
		6	6	TC	46.38	
		12	12	TC	69.31	
		18	18	TC	49.44	
		24	24	TC	62.06	
		30	30	TC	19.95	
		36	36	TC	10.52	
		42	42	TC	7.86	
		48	48	TC	7.14	
		54	54	TC	5.32	
		60	60	TC	4.87	
		66	66	TC	5.08	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1102	N270,N088	0	0	TC	15.92	36
		6	6	TC	11.26	
		12	12	TC	9.23	
		18	18	TC	22.59	
		24	24	TC	59.25	
		30	30	TC	20.63	
		36	36	TC	5.40	
		42	42	TC	3.51	
		48	48	TC	3.69	
		54	54	TC	3.22	
		60	60	TC	3.11	
		66	66	TC	3.04	
		72	72	TC	3.57	
R1103	N270,N178	0	0	TC	49.70	36
		6	6	TC	108.18	
		12	12	TC	149.10	
		18	18	TC	137.85	
		24	24	TC	91.47	
		30	30	TC	31.37	
		36	36	TC	14.50	
		42	42	TC	10.82	
		48	48	TC	9.05	
		54	54	TC	9.10	
		60	60	TC	10.50	
		66	66	TC	10.18	
		72	72	TC	8.93	
		78	78	TC	8.07	
		84	84	TC	7.49	
		90	90	TC	6.62	
		96	96	TC	5.58	
		102	102	TC	5.27	
		108	108	TC	4.97	
		114	114	TC	5.34	
R1104	N267,N256	0	0	TC	13.16	36
		6	6	TC	17.65	
		12	12	TC	46.80	
		18	18	TC	65.56	
		24	24	TC	60.87	
		30	30	TC	31.80	
		36	36	TC	7.93	
		42	42	TC	4.78	
		48	48	TC	5.92	
		54	54	TC	12.65	
		60	60	TC	6.51	
		66	66	TC	4.86	
		72	72	TC	5.07	
		78	78	TC	4.77	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1105	N263,N348	0	0	TC	7.54	66
		6	6	TC	10.72	
		12	12	TC	19.18	
		18	18	TC	44.76	
		24	24	TC	79.96	
		30	30	TC	101.19	
		36	36	TC	63.85	
		42	42	TC	38.28	
		48	48	TC	23.70	
		54	54	TC	45.95	
		60	60	TC	30.26	
		66	66	TC	11.31	
		72	72	TC	6.78	
		78	78	TC	5.84	
		84	84	TC	5.48	
		90	90	TC	5.00	
		96	96	TC	4.83	
		102	102	TC	4.73	
		108	108	TC	5.76	
R1106	O247,O144	0	0	TC	25.57	30
		6	6	TC	24.97	
		12	12	TC	55.58	
		18	18	TC	178.59	
		24	24	TC	39.79	
		30	30	TC	11.78	
		36	36	TC	5.54	
		42	42	TC	4.11	
		48	48	TC	3.60	
		54	54	TC	3.12	
		60	60	TC	2.91	
		66	66	TC	2.83	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1107	O098,O163	0	0	TC	4.18	72
		6	6	TC	5.99	
		12	12	TC	11.45	
		18	18	TC	11.22	
		24	24	TC	13.29	
		30	30	TC	15.07	
		36	36	TC	30.69	
		42	42	TC	35.55	
		48	48	TC	41.35	
		54	54	TC	68.88	
		60	60	TC	66.24	
		66	66	TC	20.46	
		72	72	TC	8.03	
		78	78	TC	5.13	
		84	84	TC	4.32	
		90	90	TC	4.03	
		96	96	TC	3.73	
		102	102	TC	3.56	
		108	108	TC	3.42	
R1108	O138,O201	0	0	TC	5.09	12
		6	6	TC	6.21	
		12	12	TC	5.46	
		18	18	TC	5.66	
		24	24	TC	5.58	
		30	30	TC	4.82	
		36	36	TC	4.31	
		42	42	TC	4.20	
		48	48	TC	4.05	
		54	54	TC	3.91	
		60	60	TC	3.81	
		66	66	TC	3.86	
		72	72	TC	3.76	
		78	78	TC	3.71	
		84	84	TC	3.47	
		90	90	TC	3.60	
		96	96	TC	3.50	
		102	102	TC	3.56	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1109	O195,O234	0	0	TC	5.13	12
		6	6	TC	13.43	
		12	12	TC	11.22	
		18	18	TC	5.48	
		24	24	TC	6.10	
		30	30	TC	4.99	
		36	36	TC	4.20	
		42	42	TC	3.64	
		48	48	TC	3.31	
		54	54	TC	3.12	
		60	60	TC	3.43	
		66	66	TC	3.61	
		72	72	TC	3.48	
		78	78	TC	3.40	
		84	84	TC	3.27	
R1110	N343,O097	0	0	TC	5.01	12
		6	6	TC	5.18	
		12	12	TC	6.63	
		18	18	TC	7.32	
		18	24	SS	3.68	
		18	24	OC	8.15	
		24	24	TC	7.48	
		30	30	TC	6.64	
		36	36	TC	5.52	
		42	42	TC	4.70	
		48	48	TC	4.10	
		54	54	TC	3.81	
		60	60	TC	3.70	
		66	66	TC	3.61	
		72	72	TC	3.54	
R1111	N240,O052	0	0	TC	3.09	0
		0	6	OC	4.32	
		6	6	TC	3.84	
		6	12	OC	3.36	
		6	12	SS	1.57	
		12	12	TC	5.52	
		12	18	OC	3.12	
		18	18	TC	7.55	
		24	24	TC	6.83	
		30	30	TC	5.32	
		36	36	TC	4.25	
		42	42	TC	3.96	
		48	48	TC	3.74	
		60	60	TC	3.20	
		72	72	TC	3.24	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1112	N050,N174	0	0	TC	6.03	12
		6	6	TC	7.87	
		12	12	TC	5.30	
		18	18	TC	3.37	
		24	24	TC	2.60	
		30	30	TC	2.38	
		42	42	TC	2.50	
R1113	M268,M184	0	0	TC	11.17	12
		6	6	TC	9.10	
		12	12	TC	3.97	
		18	18	TC	2.58	
		24	24	TC	2.29	
		30	30	TC	2.32	
		36	36	TC	2.53	
		42	42	TC	2.50	
R1114	M263,M285	0	0	TC	13.17	60
		6	6	TC	20.29	
		12	12	TC	64.36	
		18	18	TC	66.15	
		24	24	TC	55.33	
		30	30	TC	111.25	
		36	36	TC	222.50	
		42	42	TC	160.61	
		48	48	TC	46.80	
		54	54	TC	15.64	
		60	60	TC	11.36	
		66	66	TC	9.68	
		72	72	TC	8.75	
		78	78	TC	8.31	
		84	84	TC	8.11	
		90	90	TC	7.90	
		96	96	TC	7.65	
		102	102	TC	6.77	
		108	108	TC	6.07	
		114	114	TC	5.97	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1115	M263,M376	0	0	TC	14.75	42
		6	6	TC	19.35	
		12	12	TC	35.98	
		18	18	TC	74.76	
		24	24	TC	105.37	
		30	30	TC	84.65	
		36	36	TC	36.06	
		42	42	TC	13.10	
		48	48	TC	8.14	
		54	54	TC	6.49	
		60	60	TC	6.27	
		66	66	TC	6.06	
		72	72	TC	5.69	
		78	78	TC	5.90	
R1116	M179,M373	0	0	TC	17.56	72
		6	6	TC	30.18	
		12	12	TC	38.53	
		18	18	TC	56.01	
		24	24	TC	80.39	
		30	30	TC	113.04	
		36	36	TC	174.76	
		42	42	TC	225.91	
		48	48	TC	229.32	
		54	54	TC	154.64	
		60	60	TC	54.73	
		66	66	TC	17.56	
		72	72	TC	9.29	
		78	78	TC	6.29	
R1117	M180,M268	0	0	TC	24.38	48
		6	6	TC	34.36	
		12	12	TC	89.94	
		18	18	TC	191.81	
		24	24	TC	268.54	
		30	30	TC	159.33	
		36	36	TC	41.77	
		42	42	TC	18.58	
		48	48	TC	11.62	
		54	54	TC	8.49	
		60	60	TC	6.08	
		66	66	TC	5.34	
		72	72	TC	5.01	
		78	78	TC	4.91	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1118	M177,M188	0	0	TC	26.68	72
		6	6	TC	118.50	
		12	12	TC	151.74	
		18	18	TC	163.59	
		24	24	TC	219.09	
		30	30	TC	305.20	
		36	36	TC	158.65	
		42	42	TC	124.46	
		48	48	TC	185.84	
		54	54	TC	223.36	
		60	60	TC	73.14	
		66	66	TC	19.01	
		72	72	TC	12.05	
		78	78	TC	8.72	
		84	84	TC	8.86	
		90	90	TC	8.08	
		96	96	TC	8.18	
		102	102	TC	7.62	
R1119	M178,M109	0	0	TC	12.46	12
		6	6	TC	6.43	
		12	12	TC	3.04	
		18	18	TC	2.41	
		24	24	TC	2.43	
		30	30	TC	2.47	
		36	36	TC	2.36	
		42	42	TC	2.42	
		48	48	TC	2.37	
		54	54	TC	2.44	
		60	60	TC	2.40	
		66	66	TC	2.35	
		72	72	TC	2.39	
		78	78	TC	2.37	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1120	M081,M097	0	0	TC	25.06	42
		6	6	TC	69.99	
		12	12	TC	128.39	
		18	18	TC	179.88	
		24	24	TC	162.40	
		30	30	TC	138.19	
		36	36	TC	36.23	
		42	42	TC	12.11	
		48	48	TC	7.00	
		54	54	TC	5.67	
		60	60	TC	5.17	
		66	66	TC	5.20	
		72	72	TC	5.14	
		78	78	TC	5.28	
		84	84	TC	4.52	
		90	90	TC	4.60	
		96	96	TC	4.56	
		102	102	TC	4.31	
R1121	M077,M183	0	0	TC	30.78	36
		6	6	TC	51.15	
		12	12	TC	69.99	
		18	18	TC	78.86	
		24	24	TC	98.80	
		30	30	TC	35.72	
		36	36	TC	13.16	
		42	42	TC	7.21	
		48	48	TC	5.64	
		54	54	TC	5.25	
		60	60	TC	5.30	
		66	66	TC	5.21	
		72	72	TC	5.13	
		78	78	TC	4.98	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1122	L357,M093	0	0	TC	64.42	36
		6	6	TC	254.94	
		12	12	TC	445.72	
		18	18	TC	159.55	
		24	24	TC	47.65	
		30	30	TC	17.62	
		36	36	TC	11.09	
		42	42	TC	9.54	
		48	48	TC	8.85	
		54	54	TC	8.20	
		60	60	TC	7.73	
		66	66	TC	7.13	
		72	72	TC	5.87	
		84	84	TC	4.65	
		96	96	TC	3.91	
		108	108	TC	4.17	
		120	120	TC	4.63	
R1123	L355,M037	0	0	TC	24.04	24
		6	6	TC	32.40	
		12	12	TC	44.84	
		18	18	TC	28.47	
		24	24	TC	8.58	
		30	30	TC	4.38	
		42	42	TC	3.64	
		54	54	TC	3.32	
		66	66	TC	3.44	
		78	78	TC	3.61	
		90	90	TC	3.77	
		102	102	TC	3.53	
		108	108	TC	3.41	
R1124	M270,N002	0	0	TC	16.73	24
		6	6	TC	32.48	
		12	12	TC	23.96	
		18	18	TC	17.01	
		24	24	TC	13.26	
		30	30	TC	8.15	
		36	36	TC	7.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1125	M267,N090	0	0	TC	12.11	54
		6	6	TC	18.67	
		12	12	TC	31.54	
		18	18	TC	29.58	
		24	24	TC	27.02	
		30	30	TC	48.68	
		36	36	TC	144.33	
		42	42	TC	81.24	
		48	48	TC	22.25	
		54	54	TC	11.72	
		60	60	TC	10.06	
		66	66	TC	8.86	
		72	72	TC	7.92	
		78	78	TC	7.27	
		84	84	TC	7.22	
		90	90	TC	6.63	
		96	96	TC	5.52	
		102	102	TC	4.96	
		108	108	TC	4.91	
		114	114	TC	4.78	
R1126	M268,N181	0	0	TC	14.10	36
		6	6	TC	35.80	
		12	12	TC	93.26	
		18	18	TC	234.44	
		24	24	TC	173.06	
		30	30	TC	34.10	
		36	36	TC	12.69	
		42	42	TC	8.67	
		48	48	TC	9.10	
		54	54	TC	7.66	
		60	60	TC	6.73	
		66	66	TC	5.86	
		72	72	TC	5.76	
		78	78	TC	5.58	
		84	84	TC	5.22	
R1127	M271,N260	0	0	TC	5.18	30
		6	6	TC	6.29	
		12	12	TC	8.12	
		18	18	TC	13.30	
		24	24	TC	15.42	
		30	30	TC	9.14	
		36	36	TC	5.57	
		42	42	TC	4.21	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1128	M171,N180	0	0	TC	9.39	12
		6	6	TC	13.98	
		12	12	TC	9.46	
		18	18	TC	6.06	
		24	24	TC	4.66	
		30	30	TC	3.85	
		36	36	TC	3.56	
		42	42	TC	3.37	
		48	48	TC	3.08	
		54	54	TC	3.16	
		60	60	TC	2.92	
		66	66	TC	3.02	
		72	72	TC	3.00	
		78	78	TC	3.10	
		84	84	TC	2.98	
		90	90	TC	2.96	
		96	96	TC	2.97	
		102	102	TC	3.03	
		108	108	TC	2.93	
		114	114	TC	2.84	
		120	120	TC	2.88	
		126	126	TC	2.75	
		132	132	TC	2.59	
		138	138	TC	2.54	
		144	144	TC	2.49	
		150	150	TC	2.44	
R1129	M178,N097	0	0	TC	12.72	48
		6	6	TC	17.22	
		12	12	TC	41.01	
		18	18	TC	77.32	
		24	24	TC	198.63	
		30	30	TC	181.58	
		36	36	TC	92.24	
		42	42	TC	32.22	
		48	48	TC	13.04	
		54	54	TC	7.22	
		60	60	TC	5.67	
		66	66	TC	4.82	
		72	72	TC	4.94	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1130	M163,M447	0	0	TC	19.61	54
		6	6	TC	30.18	
		12	12	TC	45.86	
		18	18	TC	87.47	
		24	24	TC	163.42	
		30	30	TC	292.41	
		36	36	TC	154.47	
		42	42	TC	40.41	
		48	48	TC	17.56	
		54	54	TC	7.64	
		60	60	TC	5.02	
		66	66	TC	4.57	
		72	72	TC	4.42	
		78	78	TC	4.82	
R1131	M082,N093	0	0	TC	11.47	12
		6	6	TC	10.91	
		12	12	TC	6.19	
		18	18	TC	4.11	
		24	24	TC	3.70	
		36	36	TC	2.69	
		48	48	TC	2.68	
R1132	M088,N170	0	0	TC	6.11	6
		6	6	TC	3.47	
		12	12	TC	3.10	
		18	18	TC	3.00	
		24	24	TC	2.97	
		30	30	TC	3.03	
		36	36	TC	3.02	
R1133	L356,N093	0	0	TC	7.37	6
		6	6	TC	3.45	
		12	12	TC	3.20	
		18	18	TC	3.10	
		24	24	TC	3.12	
		30	30	TC	3.14	
R1134	M012,N002	0	0	TC	11.09	12
		6	6	TC	19.01	
		12	12	TC	13.50	
		18	18	TC	6.18	
		30	30	TC	3.44	
		42	42	TC	3.12	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1135	M085,N006	0	0	TC	20.72	36
		6	6	TC	29.67	
		12	12	TC	20.29	
		18	18	TC	18.67	
		24	24	TC	36.91	
		30	30	TC	19.86	
		36	36	TC	8.11	
		42	42	TC	3.87	
		54	54	TC	3.26	
		66	66	TC	3.39	
		78	78	TC	3.02	
R1136	L267,N001	0	0	TC	7.14	12
		6	6	TC	7.60	
		12	12	TC	10.66	
		18	18	TC	6.91	
		24	24	TC	4.74	
		30	30	TC	3.64	
		36	36	TC	3.32	
R1137	L268,N077	0	0	TC	6.91	6
		6	6	TC	4.22	
		12	12	TC	3.33	
		18	18	TC	3.22	
		24	24	TC	3.19	
		30	30	TC	3.18	
		36	36	TC	3.14	
R1138	L180,N001	0	0	TC	8.06	12
		6	6	TC	13.39	
		12	12	TC	14.45	
		18	18	TC	11.27	
		24	24	TC	9.92	
		30	30	TC	7.74	
		36	36	TC	5.36	
		42	42	TC	4.88	
R1139	L088,N001	0	0	TC	7.94	6
		6	6	TC	3.67	
		12	12	TC	3.33	
		18	18	TC	3.16	
		24	24	TC	3.18	
		30	30	TC	2.97	
		36	36	TC	2.89	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1140	M089,M379	0	0	TC	29.34	24
		6	6	TC	51.76	
		12	12	TC	100.95	
		18	18	TC	35.16	
		24	24	TC	10.61	
		30	30	TC	5.11	
		36	36	TC	3.58	
		42	42	TC	3.69	
R1141	M096,M255	0	0	TC	48.42	42
		6	6	TC	144.32	
		12	12	TC	391.82	
		18	18	TC	333.64	
		24	24	TC	95.64	
		30	30	TC	25.32	
		36	36	TC	15.90	
		42	42	TC	11.72	
		48	48	TC	9.15	
		54	54	TC	7.11	
		60	60	TC	6.75	
		66	66	TC	6.22	
		72	72	TC	5.89	
		78	78	TC	6.30	
		84	84	TC	6.02	
		90	90	TC	4.95	
		96	96	TC	4.65	
		102	102	TC	4.40	
		108	108	TC	4.75	
		114	114	TC	5.14	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1142	L354,M191	0	0	TC	49.28	90
		6	6	TC	122.08	
		12	12	TC	299.42	
		18	18	TC	703.22	
		24	24	TC	585.16	
		30	30	TC	140.73	
		36	36	TC	45.60	
		42	42	TC	19.85	
		48	48	TC	13.54	
		48	54	SS	2.56	
		48	54	OC	10.85	
		54	54	TC	10.92	
		54	60	SS	4.26	
		54	60	OC	12.90	
		60	60	TC	10.28	
		66	66	TC	9.73	
		72	72	TC	8.95	
		78	78	TC	8.66	
		78	90	OC	17.75	
		84	84	TC	8.11	
		90	90	TC	7.55	
		96	96	TC	6.55	
		102	102	TC	6.12	
		108	108	TC	5.87	
		114	114	TC	6.91	
R1143	M000,M274	0	0	TC	65.47	36
		6	6	TC	189.26	
		12	12	TC	394.71	
		18	18	TC	146.12	
		24	24	TC	41.77	
		30	30	TC	15.89	
		36	36	TC	8.75	
		42	42	TC	6.89	
		48	48	TC	6.00	
		54	54	TC	5.98	
		60	60	TC	5.17	
		66	66	TC	5.35	
		72	72	TC	4.62	
		78	78	TC	4.11	
R1144	M002,M351	0	0	TC	40.72	30
		6	6	TC	141.76	
		12	12	TC	191.63	
		18	18	TC	50.30	
		24	24	TC	17.62	
		30	30	TC	8.45	
		36	36	TC	5.78	
		42	42	TC	4.84	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1145	L267,M002	0	0	TC	32.40	66
		6	6	TC	40.49	
		12	12	TC	62.66	
		18	18	TC	76.73	
		24	24	TC	86.78	
		30	30	TC	107.07	
		36	36	TC	124.98	
		42	42	TC	226.76	
		48	48	TC	195.22	
		54	54	TC	45.69	
		60	60	TC	17.02	
		66	66	TC	10.00	
		72	72	TC	7.93	
		78	78	TC	8.81	
R1146	L263,M086	0	0	TC	98.46	18
		6	6	TC	58.91	
		12	12	TC	19.41	
		18	18	TC	13.90	
		24	24	TC	10.59	
		30	30	TC	7.31	
R1147	L265,M179	0	0	TC	222.43	36
		6	6	TC	783.64	
		12	12	TC	724.61	
		18	18	TC	106.77	
		24	24	TC	38.41	
		30	30	TC	15.19	
		30	42	OC	7.69	
		36	36	TC	10.63	
		42	42	TC	8.61	
		48	48	TC	7.45	
		54	54	TC	6.73	
		60	60	TC	5.47	
		72	72	TC	5.98	
R1148	L269,M273	0	0	TC	66.81	42
		6	6	TC	196.76	
		12	12	TC	389.25	
		18	18	TC	267.77	
		24	24	TC	75.46	
		30	30	TC	30.20	
		36	36	TC	17.37	
		42	42	TC	11.64	
		48	48	TC	9.75	
		54	54	TC	8.44	
		60	60	TC	7.31	
		66	66	TC	6.38	
		72	72	TC	5.89	
		78	78	TC	6.72	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1149	L271,M364	0	0	TC	37.25	36
		6	6	TC	109.46	
		12	12	TC	326.51	
		18	18	TC	228.47	
		24	24	TC	61.72	
		30	30	TC	21.99	
		36	36	TC	11.53	
		42	42	TC	7.77	
		48	48	TC	6.55	
		54	54	TC	5.80	
		60	60	TC	5.47	
		66	66	TC	5.12	
		72	72	TC	4.94	
		78	78	TC	4.79	
R1150	L177,M271	0	0	TC	22.34	60
		6	6	TC	16.20	
		12	12	TC	20.55	
		18	18	TC	34.87	
		24	24	TC	64.02	
		30	30	TC	159.42	
		36	36	TC	297.52	
		42	42	TC	64.36	
		48	48	TC	24.38	
		54	54	TC	16.98	
		60	60	TC	14.92	
		66	66	TC	13.30	
		72	72	TC	11.97	
		78	78	TC	10.23	
		84	84	TC	7.31	
		90	90	TC	5.87	
		96	96	TC	5.13	
		102	102	TC	4.77	
		108	108	TC	4.89	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1151	L177,M162	0	0	TC	273.65	42
		6	6	TC	568.62	
		12	12	TC	721.22	
		18	18	TC	543.90	
		24	24	TC	289.85	
		30	30	TC	62.91	
		36	36	TC	20.14	
		42	42	TC	11.08	
		42	48	SS	7.46	
		42	48	OC	9.38	
		48	48	TC	10.59	
		54	54	TC	6.80	
		60	60	TC	6.39	
		66	66	TC	5.81	
		72	72	TC	6.15	
		78	78	TC	6.34	
R1152	L176,M090	0	0	TC	260.93	42
		0	12	OC	92.89	
		6	6	TC	765.67	
		12	12	TC	964.15	
		12	24	OC	903.37	
		18	18	TC	789.63	
		24	24	TC	250.66	
		24	36	OC	191.42	
		30	30	TC	59.37	
		36	36	TC	21.11	
		36	60	SS	1.88	
		36	60	OC	7.17	
		42	42	TC	12.73	
		48	48	TC	11.07	
		54	54	TC	9.03	
		60	60	TC	8.46	
		60	78	OC	5.20	
		66	66	TC	9.45	
		72	72	TC	13.07	
		78	96	OC	7.84	
		96	114	OC	2.41	
		114	132	OC	9.85	
		132	150	OC	1.22	
		132	150	SS	0.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1153	L176,M001	0	0	TC	85.34	48
		6	6	TC	227.62	
		12	12	TC	551.57	
		18	18	TC	580.55	
		24	24	TC	161.89	
		30	30	TC	53.03	
		36	36	TC	24.98	
		42	42	TC	16.45	
		48	48	TC	11.99	
		54	54	TC	9.10	
		60	60	TC	7.99	
		66	66	TC	6.84	
		72	72	TC	6.13	
		78	78	TC	7.41	
R1154	L177,L378	0	0	TC	22.34	12
		6	6	TC	15.31	
		12	12	TC	11.00	
		18	18	TC	6.63	
		24	24	TC	4.93	
		30	30	TC	4.25	
		42	42	TC	4.31	
		54	54	TC	4.93	
		66	66	TC	4.72	
		78	78	TC	4.50	
		78	90	OC	4.79	
		90	90	TC	4.25	
		102	102	TC	4.02	
R1155	L085,L361	0	0	TC	50.22	54
		6	6	TC	202.75	
		12	12	TC	615.10	
		18	18	TC	354.18	
		24	24	TC	107.62	
		30	30	TC	40.89	
		36	36	TC	26.18	
		42	42	TC	19.25	
		48	48	TC	15.59	
		54	54	TC	13.35	
		60	60	TC	11.63	
		66	66	TC	10.10	
		72	72	TC	9.03	
		78	78	TC	7.73	
		84	84	TC	6.44	
		90	90	TC	5.74	
		96	96	TC	5.63	
		102	102	TC	6.33	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1156	L087,M002	0	0	TC	54.73	18
		6	6	TC	39.21	
		12	12	TC	17.65	
		18	18	TC	9.02	
		24	24	TC	5.35	
		30	30	TC	4.00	
		36	36	TC	3.93	
		42	42	TC	3.86	
R1157	L089,M099	0	0	TC	138.25	48
		6	6	TC	473.09	
		12	12	TC	748.56	
		18	18	TC	793.05	
		24	24	TC	317.39	
		30	30	TC	75.80	
		36	36	TC	26.01	
		42	42	TC	15.84	
		48	48	TC	12.87	
		54	54	TC	10.68	
		60	60	TC	6.91	
		66	66	TC	6.15	
		72	72	TC	5.69	
		78	78	TC	4.94	
R1158	L085,M176	0	0	TC	101.11	48
		6	6	TC	291.56	
		12	12	TC	574.58	
		18	18	TC	685.41	
		24	24	TC	612.10	
		30	30	TC	148.34	
		36	36	TC	48.59	
		42	42	TC	23.70	
		48	48	TC	13.98	
		54	54	TC	11.73	
		60	60	TC	9.14	
		66	66	TC	7.50	
		72	72	TC	6.27	
		78	78	TC	5.83	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1159	L091,M274	0	0	TC	89.83	42
		6	6	TC	409.78	
		12	12	TC	475.66	
		18	18	TC	217.30	
		24	24	TC	76.48	
		30	30	TC	33.54	
		36	36	TC	21.39	
		42	42	TC	12.35	
		48	48	TC	10.09	
		54	54	TC	8.77	
		60	60	TC	8.26	
		66	66	TC	6.70	
		72	72	TC	5.68	
		78	78	TC	5.83	
R1160	L089,M364	0	0	TC	21.82	24
		6	6	TC	54.05	
		12	12	TC	38.79	
		18	18	TC	17.49	
		24	24	TC	9.84	
		30	30	TC	4.44	
		36	36	TC	3.84	
		48	48	TC	3.23	
		60	60	TC	3.03	
		72	72	TC	2.96	
R1161	L175,M366	0	0	TC	11.31	12
		6	6	TC	5.12	
		12	12	TC	4.32	
		18	18	TC	3.60	
		24	24	TC	3.32	
		30	30	TC	3.22	
		36	36	TC	3.12	
		48	48	TC	3.00	
		60	60	TC	2.91	
		72	72	TC	3.16	
R1162	K358,M360	0	0	TC	7.65	12
		6	6	TC	8.74	
		12	12	TC	5.93	
		18	18	TC	4.36	
		24	24	TC	3.74	
		30	30	TC	3.47	
		36	36	TC	3.43	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1163	K359,M275	0	0	TC	45.51	42
		6	6	TC	124.73	
		12	12	TC	384.12	
		18	18	TC	314.82	
		24	24	TC	101.12	
		30	30	TC	34.48	
		36	36	TC	17.20	
		42	42	TC	12.23	
		48	48	TC	8.16	
		54	54	TC	6.40	
		60	60	TC	5.70	
		66	66	TC	4.88	
		72	72	TC	4.79	
		78	78	TC	4.11	
R1164	L000,M181	0	0	TC	87.30	54
		6	6	TC	299.23	
		12	12	TC	749.35	
		18	18	TC	867.84	
		24	24	TC	729.74	
		30	30	TC	211.42	
		36	36	TC	71.95	
		42	42	TC	33.76	
		48	48	TC	17.73	
		54	54	TC	12.11	
		60	60	TC	8.35	
		66	66	TC	8.61	
		72	72	TC	6.99	
		78	78	TC	7.16	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1165	K356,M090	0	0	TC	96.68	54
		6	6	TC	303.14	
		12	12	TC	698.55	
		18	18	TC	886.68	
		24	24	TC	711.64	
		30	30	TC	186.66	
		36	36	TC	69.53	
		42	42	TC	33.37	
		48	48	TC	19.83	
		54	54	TC	14.33	
		60	60	TC	11.16	
		66	66	TC	8.98	
		72	72	TC	7.77	
		78	78	TC	9.62	
		84	84	TC	10.18	
		90	90	TC	9.14	
		96	96	TC	8.75	
		102	102	TC	4.32	
		108	108	TC	3.96	
		114	114	TC	3.66	
		120	120	TC	3.44	
		126	126	TC	3.58	
		132	132	TC	3.50	
		138	138	TC	4.04	
R1166	K355,M031	0	0	TC	202.04	54
		6	6	TC	460.35	
		12	12	TC	708.43	
		18	18	TC	392.15	
		24	24	TC	125.15	
		30	30	TC	47.65	
		36	36	TC	24.21	
		42	42	TC	18.41	
		48	48	TC	15.54	
		54	54	TC	11.94	
		60	60	TC	9.86	
		66	66	TC	8.33	
		72	72	TC	7.03	
		78	78	TC	6.72	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1167	K353,L361	0	0	TC	128.73	30
		6	6	TC	38.36	
		12	12	TC	158.65	
		18	18	TC	45.86	
		24	24	TC	18.16	
		30	30	TC	9.95	
		36	36	TC	7.59	
		42	42	TC	6.28	
		54	54	TC	5.23	
		66	66	TC	5.12	
		78	78	TC	4.57	
		90	90	TC	4.40	
		102	102	TC	3.80	
		114	114	TC	4.32	
R1168	K353,L271	0	0	TC	27.45	54
		6	6	TC	41.60	
		12	12	TC	85.34	
		18	18	TC	151.40	
		24	24	TC	554.98	
		30	30	TC	189.26	
		36	36	TC	51.06	
		42	42	TC	22.42	
		48	48	TC	17.05	
		54	54	TC	14.70	
		60	60	TC	10.66	
		66	66	TC	8.42	
		78	78	TC	7.13	
		90	90	TC	6.14	
		102	102	TC	4.93	
		114	114	TC	4.50	
R1169	K270,M271	0	0	TC	25.58	30
		6	6	TC	41.06	
		12	12	TC	130.72	
		18	18	TC	63.22	
		24	24	TC	19.42	
		30	30	TC	11.76	
		36	36	TC	7.45	
		42	42	TC	6.23	
		48	48	TC	5.65	
R1170	K263,M364	0	0	TC	6.68	6
		6	6	TC	3.59	
		12	12	TC	3.10	
		18	18	TC	2.86	
		24	24	TC	2.69	
		30	30	TC	2.75	
		36	36	TC	2.69	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1171	K265,M182	0	0	TC	89.57	48
		6	6	TC	410.64	
		12	12	TC	765.67	
		18	18	TC	722.04	
		24	24	TC	287.45	
		30	30	TC	86.75	
		36	36	TC	38.16	
		42	42	TC	19.42	
		48	48	TC	13.58	
		54	54	TC	10.80	
		60	60	TC	9.29	
		66	66	TC	7.26	
		72	72	TC	6.72	
		78	78	TC	7.26	
R1172	K264,M089	0	0	TC	151.85	42
		6	6	TC	676.70	
		12	12	TC	735.73	
		18	18	TC	243.82	
		24	24	TC	84.52	
		30	30	TC	33.02	
		36	36	TC	19.08	
		42	42	TC	13.50	
		48	48	TC	11.75	
		54	54	TC	9.92	
		60	60	TC	8.48	
		66	66	TC	7.20	
		72	72	TC	6.57	
		78	78	TC	6.27	
		84	84	TC	6.03	
		90	90	TC	5.81	
		96	96	TC	4.94	
		102	102	TC	5.65	
R1173	K269,M004	0	0	TC	102.32	60
		6	6	TC	253.23	
		12	12	TC	734.02	
		18	18	TC	730.60	
		24	24	TC	248.95	
		30	30	TC	114.98	
		36	36	TC	45.00	
		42	42	TC	23.44	
		48	48	TC	18.14	
		54	54	TC	15.85	
		60	60	TC	13.39	
		66	66	TC	11.44	
		78	78	TC	7.45	
		90	90	TC	7.63	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1174	K264,L366	0	0	TC	102.30	54
		6	6	TC	245.52	
		12	12	TC	754.46	
		18	18	TC	474.84	
		24	24	TC	118.58	
		30	30	TC	42.28	
		36	36	TC	23.78	
		42	42	TC	17.05	
		48	48	TC	15.23	
		54	54	TC	12.97	
		60	60	TC	12.55	
		66	66	TC	11.74	
		78	78	TC	9.54	
		90	90	TC	5.42	
		102	102	TC	5.26	
		114	114	TC	5.70	
R1175	K267,L276	0	0	TC	103.77	54
		6	6	TC	286.59	
		12	12	TC	714.34	
		18	18	TC	305.41	
		24	24	TC	98.13	
		30	30	TC	42.01	
		36	36	TC	23.18	
		42	42	TC	17.54	
		48	48	TC	15.39	
		54	54	TC	14.51	
		60	60	TC	13.66	
		66	66	TC	12.58	
		78	78	TC	11.33	
		90	90	TC	8.97	
		102	102	TC	7.40	
R1176	K269,L206	0	0	TC	23.70	12
		6	6	TC	6.70	
		12	12	TC	4.83	
		18	18	TC	3.81	
		30	30	TC	3.92	
		42	42	TC	4.02	
		54	54	TC	4.64	
		66	66	TC	4.73	
		78	78	TC	4.50	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1177	K174,L183	0	0	TC	70.15	30
		6	6	TC	236.12	
		12	12	TC	461.97	
		18	18	TC	103.52	
		24	24	TC	28.15	
		30	30	TC	14.00	
		36	36	TC	10.67	
		42	42	TC	9.98	
		48	48	TC	9.27	
		54	54	TC	8.18	
		60	60	TC	7.34	
		66	66	TC	6.96	
		72	72	TC	6.63	
		78	78	TC	6.41	
R1178	K179,L267	0	0	TC	109.38	42
		6	6	TC	433.92	
		12	12	TC	809.88	
		18	18	TC	633.41	
		24	24	TC	158.82	
		30	30	TC	43.22	
		36	36	TC	21.40	
		42	42	TC	13.79	
		42	48	SS	2.21	
		42	48	OC	5.60	
		54	54	TC	12.06	
		66	66	TC	9.29	
		78	78	TC	5.26	
		90	90	TC	4.33	
		102	102	TC	3.87	
		114	114	TC	3.31	
R1179	K181,L360	0	0	TC	119.60	30
		6	6	TC	412.35	
		12	12	TC	457.69	
		18	18	TC	99.75	
		24	24	TC	32.25	
		30	30	TC	12.23	
		36	36	TC	7.62	
		42	42	TC	5.78	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1180	K176,M004	0	0	TC	122.42	36
		6	6	TC	350.76	
		12	12	TC	435.45	
		18	18	TC	126.27	
		24	24	TC	31.31	
		30	30	TC	15.89	
		36	36	TC	9.44	
		42	42	TC	6.10	
		48	48	TC	5.18	
		54	54	TC	4.17	
		66	66	TC	3.88	
		78	78	TC	4.44	
R1181	K181,M111	0	0	TC	97.95	36
		6	6	TC	282.18	
		12	12	TC	584.82	
		18	18	TC	197.78	
		24	24	TC	53.20	
		30	30	TC	21.23	
		36	36	TC	12.70	
		36	42	OC	7.55	
		42	42	TC	10.55	
		42	48	SS	6.36	
		42	48	OC	12.78	
		48	48	TC	8.88	
		54	54	TC	6.87	
		60	60	TC	6.00	
		66	66	TC	5.46	
		72	72	TC	5.22	
		78	78	TC	5.18	
R1182	K176,M183	0	0	TC	93.76	48
		6	6	TC	310.55	
		12	12	TC	586.02	
		18	18	TC	219.01	
		24	24	TC	89.06	
		30	30	TC	41.66	
		36	36	TC	21.56	
		42	42	TC	16.37	
		48	48	TC	11.86	
		54	54	TC	9.51	
		60	60	TC	8.09	
		66	66	TC	7.75	
		72	72	TC	6.72	
		78	78	TC	6.96	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1183	K180,M274	0	0	TC	30.35	30
		6	6	TC	82.35	
		12	12	TC	146.12	
		18	18	TC	48.85	
		24	24	TC	18.84	
		30	30	TC	10.86	
		36	36	TC	8.05	
		42	42	TC	6.71	
R1184	K180,M341	0	0	TC	6.48	6
		6	6	TC	3.91	
		12	12	TC	3.11	
		18	18	TC	2.86	
		24	24	TC	2.84	
		30	30	TC	2.84	
		36	36	TC	2.85	
R1185	K087,M275	0	0	TC	7.60	6
		6	6	TC	4.12	
		12	12	TC	3.25	
		18	18	TC	2.80	
		24	24	TC	2.71	
		30	30	TC	2.48	
		36	36	TC	2.46	
R1186	K086,M174	0	0	TC	31.03	24
		6	6	TC	58.99	
		12	12	TC	71.44	
		18	18	TC	23.19	
		24	24	TC	10.29	
		30	30	TC	6.03	
		36	36	TC	4.75	
		42	42	TC	4.55	
		54	54	TC	3.93	
		66	66	TC	3.92	
		78	78	TC	3.44	
R1187	K085,M094	0	0	TC	133.20	54
		6	6	TC	444.86	
		12	12	TC	850.37	
		18	18	TC	982.11	
		24	24	TC	488.49	
		30	30	TC	133.37	
		36	36	TC	48.93	
		42	42	TC	27.89	
		48	48	TC	19.76	
		54	54	TC	13.15	
		60	60	TC	10.24	
		66	66	TC	9.43	
		72	72	TC	8.21	
		78	78	TC	8.78	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1188	K086,M005	0	0	TC	131.32	36
		6	6	TC	307.12	
		12	12	TC	402.08	
		18	18	TC	93.25	
		24	24	TC	38.84	
		30	30	TC	17.71	
		36	36	TC	11.60	
		42	42	TC	9.32	
		48	48	TC	8.11	
		54	54	TC	6.70	
		60	60	TC	5.36	
		66	66	TC	4.80	
		72	72	TC	4.53	
		78	78	TC	5.17	
R1189	K086,L367	0	0	TC	172.20	36
		6	6	TC	547.31	
		12	12	TC	518.32	
		18	18	TC	122.25	
		24	24	TC	38.36	
		30	30	TC	15.89	
		36	36	TC	8.64	
		42	42	TC	6.14	
		48	48	TC	4.46	
		54	54	TC	3.84	
		60	60	TC	3.70	
		66	66	TC	3.42	
		72	72	TC	3.41	
		78	78	TC	3.36	
R1190	K088,L275	0	0	TC	95.30	36
		6	6	TC	342.20	
		12	12	TC	559.50	
		18	18	TC	169.47	
		24	24	TC	41.83	
		30	30	TC	15.90	
		36	36	TC	8.60	
		42	42	TC	5.96	
		48	48	TC	4.93	
		54	54	TC	4.52	
		66	66	TC	4.48	
		78	78	TC	3.96	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1191	K087,L184	0	0	TC	110.27	30
		6	6	TC	297.71	
		12	12	TC	182.22	
		18	18	TC	48.51	
		24	24	TC	15.23	
		30	30	TC	7.45	
		36	36	TC	4.71	
		42	42	TC	3.83	
		54	54	TC	3.54	
		66	66	TC	3.38	
		78	78	TC	3.90	
R1192	K083,L095	0	0	TC	19.76	60
		6	6	TC	28.83	
		12	12	TC	77.51	
		18	18	TC	239.54	
		24	24	TC	627.94	
		30	30	TC	398.66	
		36	36	TC	88.97	
		42	42	TC	31.82	
		48	48	TC	19.16	
		54	54	TC	15.40	
		60	60	TC	14.06	
		66	66	TC	12.03	
		72	72	TC	10.27	
		78	78	TC	8.95	
		84	84	TC	8.23	
		90	90	TC	7.79	
		96	96	TC	6.91	
		102	102	TC	6.67	
		108	108	TC	7.20	
R1193	J356,L029	0	0	TC	18.74	36
		6	6	TC	25.58	
		12	12	TC	27.38	
		18	18	TC	33.02	
		24	24	TC	43.63	
		30	30	TC	16.78	
		36	36	TC	10.69	
		42	42	TC	8.68	
		48	48	TC	7.95	
		54	54	TC	7.63	
		60	60	TC	7.03	
		66	66	TC	6.43	
		72	72	TC	5.41	
		78	78	TC	4.98	
		90	90	TC	3.81	
		102	102	TC	3.70	
		114	114	TC	4.30	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1194	J358,L092	0	0	TC	152.36	66
		6	6	TC	583.45	
		12	12	TC	509.88	
		18	18	TC	118.66	
		24	24	TC	39.95	
		30	30	TC	15.35	
		36	36	TC	10.74	
		42	42	TC	8.70	
		42	54	OC	76.39	
		48	48	TC	6.54	
		54	54	TC	5.37	
		54	66	OC	22.65	
		60	60	TC	4.94	
		66	78	OC	7.43	
		72	72	TC	4.76	
		78	78	TC	8.20	
R1195	J359,L182	0	0	TC	168.02	36
		6	6	TC	494.48	
		12	12	TC	612.54	
		18	18	TC	221.57	
		24	24	TC	58.09	
		30	30	TC	17.71	
		36	36	TC	10.01	
		42	42	TC	6.26	
		48	48	TC	4.65	
		60	60	TC	4.27	
		72	72	TC	3.80	
		78	78	TC	4.30	
R1196	J359,L275	0	0	TC	108.18	36
		6	6	TC	303.49	
		12	12	TC	634.26	
		18	18	TC	277.91	
		24	24	TC	71.27	
		30	30	TC	24.98	
		36	36	TC	12.04	
		42	42	TC	7.09	
		48	48	TC	4.79	
		54	54	TC	3.89	
		60	60	TC	3.51	
		66	66	TC	3.41	
		72	72	TC	3.53	
		78	78	TC	3.58	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1197	J356,L363	0	0	TC	143.90	36
		6	6	TC	609.12	
		12	12	TC	672.42	
		18	18	TC	128.92	
		24	24	TC	42.09	
		30	30	TC	17.37	
		36	36	TC	11.63	
		36	42	SS	2.07	
		36	42	OC	5.91	
		42	42	TC	8.79	
		48	48	TC	6.83	
		54	54	TC	5.57	
		60	60	TC	5.00	
		66	66	TC	4.39	
		78	78	TC	4.43	
R1198	K000,M002	0	0	TC	135.34	42
		6	6	TC	498.76	
		12	12	TC	239.54	
		18	18	TC	62.79	
		24	24	TC	32.59	
		30	30	TC	19.93	
		36	36	TC	15.58	
		42	42	TC	13.17	
		48	48	TC	11.40	
		54	54	TC	8.35	
		60	60	TC	6.72	
		66	66	TC	5.83	
		72	72	TC	5.51	
		78	78	TC	6.41	
R1199	K025,M018	0	0	TC	179.66	54
		6	6	TC	697.23	
		12	12	TC	925.65	
		18	18	TC	728.03	
		24	24	TC	200.19	
		30	30	TC	70.49	
		36	36	TC	37.90	
		42	42	TC	27.03	
		48	48	TC	18.74	
		54	54	TC	12.28	
		60	60	TC	8.93	
		66	66	TC	7.92	
		72	72	TC	8.26	
		78	78	TC	9.06	
		84	84	TC	10.21	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1200	K004,M092	0	0	TC	76.30	24
		6	6	TC	246.37	
		12	12	TC	147.06	
		18	18	TC	40.07	
		24	24	TC	13.96	
		30	30	TC	7.02	
		36	36	TC	5.10	
		42	42	TC	4.80	
R1201	J357,M186	0	0	TC	7.22	12
		6	6	TC	5.73	
		12	12	TC	6.39	
		18	18	TC	6.34	
		24	24	TC	6.51	
		30	30	TC	7.48	
		36	36	TC	6.39	
		42	42	TC	4.97	
		48	48	TC	4.37	
		54	54	TC	3.89	
R1202	J359,M262	0	0	TC	6.39	6
		6	6	TC	4.43	
		12	12	TC	3.95	
		18	18	TC	3.83	
		24	24	TC	3.46	
		30	30	TC	3.00	
		36	36	TC	2.96	
R1203	N259,N377	0	0	TC	15.70	48
		6	6	TC	30.95	
		12	12	TC	41.52	
		18	18	TC	42.03	
		24	24	TC	60.19	
		30	30	TC	93.01	
		36	36	TC	52.60	
		42	42	TC	20.37	
		48	48	TC	7.21	
		54	54	TC	4.55	
		60	60	TC	3.84	
		66	66	TC	3.76	
		72	72	TC	3.72	
R1204	N036,N045	0	0	TC	8.35	12
		6	6	TC	5.46	
		12	12	TC	2.70	
		18	18	TC	2.51	
		24	24	TC	2.40	
		30	30	TC	2.62	
		36	36	TC	2.92	
		42	42	TC	2.79	
		48	48	TC	2.58	
		54	54	TC	2.24	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1205	J275,K445	0	0	TC	48.34	42
		6	6	TC	90.96	
		12	12	TC	190.11	
		18	18	TC	526.84	
		24	24	TC	200.34	
		30	30	TC	60.36	
		36	36	TC	18.33	
		42	42	TC	10.33	
		48	48	TC	8.20	
		54	54	TC	6.19	
		60	60	TC	5.49	
		66	66	TC	4.32	
		72	72	TC	4.06	
		78	78	TC	4.18	
R1206	J267,L092	0	0	TC	206.18	24
		6	6	TC	95.56	
		12	12	TC	27.72	
		18	18	TC	15.72	
		24	24	TC	11.05	
		30	30	TC	8.08	
		36	36	TC	6.69	
		42	42	TC	5.65	
		48	48	TC	5.51	
R1207	J267,L184	0	0	TC	133.37	36
		6	6	TC	482.50	
		12	12	TC	273.76	
		18	18	TC	64.16	
		24	24	TC	27.46	
		30	30	TC	16.63	
		36	36	TC	12.55	
		42	42	TC	9.33	
R1208	J267,L272	0	0	TC	140.49	24
		6	6	TC	334.18	
		12	12	TC	133.42	
		18	18	TC	32.05	
		24	24	TC	11.82	
		30	30	TC	5.80	
		36	36	TC	5.75	
		42	42	TC	5.89	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1209	J266,L363	0	0	TC	117.55	60
		0	12	OC	1283.48	
		6	6	TC	538.96	
		12	12	TC	853.79	
		12	24	OC	16.65	
		18	18	TC	675.84	
		24	24	TC	170.93	
		24	36	OC	7.63	
		30	30	TC	50.82	
		36	36	TC	26.95	
		36	60	OC	38.16	
		42	42	TC	17.37	
		48	48	TC	8.61	
		54	54	TC	6.67	
		60	60	TC	5.40	
		60	78	SS	0.73	
		60	78	OC	2.81	
		66	66	TC	4.78	
		72	72	TC	4.55	
		78	78	TC	4.92	
		78	96	OC	5.53	
		84	84	TC		
		96	114	OC	0.49	
		114	150	OC	1.41	
		114	150	SS	0.67	
R1210	J268,M003	0	0	TC	84.99	30
		6	6	TC	250.64	
		12	12	TC	170.50	
		18	18	TC	53.79	
		24	24	TC	20.63	
		30	30	TC	10.02	
		36	36	TC	6.81	
		42	42	TC	5.37	
		48	48	TC	5.02	
		54	54	TC	4.62	
		60	60	TC	4.23	
		66	66	TC	4.16	
		72	72	TC	4.04	
		78	78	TC	3.81	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1211	J267,M091	0	0	TC	51.50	30
		6	6	TC	229.27	
		12	12	TC	79.73	
		18	18	TC	22.33	
		24	24	TC	15.46	
		30	30	TC	10.31	
		30	36	OC	7.95	
		30	36	SS	4.16	
		36	36	TC	7.56	
		42	42	TC	6.38	
		48	48	TC	5.61	
		54	54	TC	4.94	
		60	60	TC	4.71	
		66	66	TC	4.15	
		72	72	TC	3.82	
		78	78	TC	3.72	
R1212	J269,M183	0	0	TC	12.70	12
		6	6	TC	7.60	
		12	12	TC	6.36	
		18	18	TC	6.49	
		24	24	TC	5.00	
		30	30	TC	4.45	
		36	36	TC	4.16	
		42	42	TC	4.27	
R1213	J178,M183	0	0	TC	6.02	12
		6	6	TC	5.08	
		12	12	TC	3.92	
		18	18	TC	3.38	
		24	24	TC	2.96	
		30	30	TC	2.76	
		36	36	TC	2.81	
R1214	J176,M093	0	0	TC	22.08	12
		6	6	TC	20.89	
		12	12	TC	9.16	
		18	18	TC	5.14	
		24	24	TC	3.96	
		30	30	TC	3.75	
		36	36	TC	3.36	
		42	42	TC	3.41	
R1215	J177,M003	0	0	TC	83.92	24
		6	6	TC	110.36	
		12	12	TC	48.85	
		18	18	TC	17.79	
		24	24	TC	11.19	
		30	30	TC	8.18	
		36	36	TC	6.92	
		42	42	TC	6.65	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1216	J175,L365	0	0	TC	172.20	36
		6	6	TC	470.58	
		12	12	TC	317.98	
		18	18	TC	85.51	
		24	24	TC	30.52	
		30	30	TC	15.16	
		36	36	TC	9.85	
		42	42	TC	7.00	
		48	48	TC	6.32	
		54	54	TC	5.29	
		60	60	TC	4.74	
		66	66	TC	4.26	
		72	72	TC	3.65	
		78	78	TC	3.53	
R1217	J175,L274	0	0	TC	113.72	48
		6	6	TC	479.10	
		12	12	TC	877.22	
		18	18	TC	416.02	
		24	24	TC	105.45	
		30	30	TC	43.14	
		36	36	TC	24.55	
		42	42	TC	18.24	
		48	48	TC	13.64	
		54	54	TC	9.20	
		60	60	TC	7.16	
		66	66	TC	5.35	
		72	72	TC	4.78	
		78	78	TC	4.71	
R1218	J176,L183	0	0	TC	111.30	24
		6	6	TC	225.00	
		12	12	TC	67.16	
		18	18	TC	16.53	
		24	24	TC	7.96	
		30	30	TC	4.49	
		36	36	TC	4.14	
R1219	J176,L095	0	0	TC	86.75	30
		6	6	TC	263.49	
		12	12	TC	481.65	
		18	18	TC	115.83	
		24	24	TC	34.73	
		30	30	TC	13.07	
		36	36	TC	7.25	
		42	42	TC	5.03	
		48	48	TC	4.20	
		60	60	TC	3.33	
		72	72	TC	2.40	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1220	J176,L000	0	0	TC	20.53	24
		6	6	TC	171.96	
		12	12	TC	46.11	
		18	18	TC	16.25	
		24	24	TC	13.00	
		30	30	TC	8.25	
		36	36	TC	5.10	
		42	42	TC	4.42	
R1221	J169,K365	0	0	TC	94.87	30
		6	6	TC	372.14	
		12	12	TC	503.89	
		18	18	TC	133.97	
		24	24	TC	36.19	
		30	30	TC	9.87	
		36	36	TC	5.43	
		42	42	TC	4.74	
		48	48	TC	3.95	
		60	60	TC	2.93	
		72	72	TC	2.81	
		78	78	TC	3.13	
R1222	J086,K320	0	0	TC	75.88	18
		6	6	TC	86.15	
		12	12	TC	25.07	
		18	18	TC	7.29	
		24	24	TC	4.25	
		30	30	TC	3.48	
		36	36	TC	3.21	
		42	42	TC	3.82	
R1223	J088,K363	0	0	TC	251.52	84
		6	6	TC	609.97	
		12	12	TC	243.82	
		18	18	TC	52.61	
		24	24	TC	20.02	
		30	30	TC	9.33	
		36	36	TC	8.15	
		42	42	TC	7.24	
		48	48	TC	4.73	
		54	54	TC	4.12	
		60	60	TC	3.70	
		66	66	TC	3.81	
		72	72	TC	6.37	
		78	78	TC	10.68	
		78	84	OC	232.93	
		84	96	OC	8.04	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1224	J087,L002	0	0	TC	183.08	30
		6	6	TC	645.90	
		12	12	TC	271.19	
		18	18	TC	57.06	
		24	24	TC	22.07	
		30	30	TC	10.01	
		36	36	TC	6.67	
		42	42	TC	5.25	
		48	48	TC	4.29	
		60	60	TC	3.11	
		72	72	TC	2.51	
		78	78	TC	2.57	
R1225	J088,L092	0	0	TC	119.26	30
		6	6	TC	359.31	
		12	12	TC	103.17	
		18	18	TC	31.91	
		24	24	TC	15.51	
		30	30	TC	9.03	
		36	36	TC	6.54	
		42	42	TC	4.81	
		48	48	TC	4.35	
		60	60	TC	3.01	
		72	72	TC	2.47	
		78	78	TC	2.65	
R1226	J089,L184	0	0	TC	193.34	30
		6	6	TC	569.76	
		12	12	TC	257.51	
		18	18	TC	41.49	
		24	24	TC	21.82	
		30	30	TC	11.89	
		36	36	TC	8.51	
		42	42	TC	6.48	
		48	48	TC	5.56	
		54	54	TC	3.56	
		66	66	TC	2.95	
		78	78	TC	3.32	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1227	J088,L272	0	0	TC	152.36	42
		6	6	TC	678.41	
		12	12	TC	1020.61	
		18	18	TC	451.70	
		24	24	TC	118.83	
		30	30	TC	40.04	
		36	36	TC	20.87	
		42	42	TC	12.76	
		48	48	TC	8.44	
		54	54	TC	6.44	
		60	60	TC	5.22	
		66	66	TC	4.76	
		72	72	TC	4.57	
		78	78	TC	4.71	
R1228	J089,L363	0	0	TC	197.62	30
		6	6	TC	707.50	
		12	12	TC	237.83	
		18	18	TC	58.35	
		24	24	TC	23.18	
		30	30	TC	11.89	
		36	36	TC	9.31	
		42	42	TC	7.76	
		48	48	TC	5.80	
		54	54	TC	4.76	
		66	66	TC	3.47	
		78	78	TC	3.65	
R1229	J090,M002	0	0	TC	51.50	24
		6	6	TC	21.30	
		12	12	TC	69.81	
		18	18	TC	21.64	
		24	24	TC	11.48	
		30	30	TC	8.51	
		36	36	TC	6.66	
		42	42	TC	5.85	
		48	48	TC	5.17	
		54	54	TC	4.56	
		66	66	TC	3.83	
		78	78	TC	3.95	
R1230	J086,M091	0	0	TC	8.85	12
		6	6	TC	6.65	
		12	12	TC	5.89	
		18	18	TC	4.92	
		24	24	TC	4.59	
		36	36	TC	3.66	
		48	48	TC	3.57	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1231	I358,M092	0	0	TC	11.40	12
		6	6	TC	6.37	
		12	12	TC	4.84	
		18	18	TC	3.78	
		30	30	TC	3.11	
		42	42	TC	2.90	
		54	54	TC	3.05	
		66	66	TC	3.00	
		72	72	TC	3.20	
R1232	I357,M003	0	0	TC	36.62	24
		6	6	TC	99.41	
		12	12	TC	42.52	
		18	18	TC	22.09	
		24	24	TC	11.93	
		30	30	TC	7.69	
		36	36	TC	5.33	
		42	42	TC	4.47	
		48	48	TC	4.41	
R1233	I359,L362	0	0	TC	99.24	30
		6	6	TC	345.62	
		12	12	TC	104.11	
		18	18	TC	30.54	
		24	24	TC	16.34	
		30	30	TC	10.10	
		36	36	TC	7.25	
		42	42	TC	6.09	
		48	48	TC	5.22	
		54	54	TC	4.57	
		66	66	TC	3.84	
		78	78	TC	3.44	
R1234	I358,L272	0	0	TC	102.23	30
		6	6	TC	377.28	
		12	12	TC	109.59	
		18	18	TC	29.86	
		24	24	TC	16.16	
		30	30	TC	10.04	
		36	36	TC	8.25	
		42	42	TC	6.36	
		48	48	TC	5.72	
		54	54	TC	5.19	
		60	60	TC	4.71	
		66	66	TC	4.38	
		78	78	TC	4.36	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1235	I358,L185	0	0	TC	279.75	36
		6	6	TC	764.82	
		12	12	TC	306.27	
		18	18	TC	77.51	
		24	24	TC	35.42	
		30	30	TC	18.56	
		36	36	TC	12.59	
		36	42	SS	1.57	
		36	42	OC	3.22	
		42	42	TC	10.04	
		48	48	TC	8.18	
		54	54	TC	6.64	
		60	60	TC	5.25	
		66	66	TC	4.98	
		72	72	TC	4.65	
		78	78	TC	5.12	
R1236	I358,L095	0	0	TC	160.58	30
		6	6	TC	361.88	
		12	12	TC	120.71	
		18	18	TC	34.65	
		24	24	TC	16.38	
		30	30	TC	14.80	
		36	36	TC	10.87	
		42	42	TC	7.07	
		48	48	TC	5.42	
		54	54	TC	4.84	
		66	66	TC	4.02	
		72	72	TC	3.44	
R1237	I354,K449	0	0	TC	65.67	90
		6	6	TC	224.47	
		12	12	TC	292.74	
		18	18	TC	185.79	
		24	24	TC	208.55	
		30	30	TC	346.22	
		36	36	TC	424.24	
		42	42	TC	254.87	
		48	48	TC	152.95	
		54	54	TC	165.63	
		60	60	TC	140.60	
		66	66	TC	69.24	
		72	72	TC	30.57	
		78	78	TC	20.19	
		84	84	TC	15.85	
		90	90	TC	10.05	
		96	96	TC	8.34	
		102	102	TC	5.41	
		108	108	TC	3.97	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1238	I357,K363	0	0	TC	121.40	18
		6	6	TC	98.98	
		12	12	TC	30.37	
		18	18	TC	9.44	
		24	24	TC	5.06	
		30	30	TC	3.77	
		36	36	TC	3.61	
R1239	I358,K272	0	0	TC	39.35	12
		6	6	TC	20.79	
		12	12	TC	6.59	
		18	18	TC	3.63	
		24	24	TC	2.63	
		30	30	TC	2.56	
		36	36	TC	3.11	
R1240	I267,K272	0	0	TC	74.28	12
		6	6	TC	25.99	
		12	12	TC	5.95	
		18	18	TC	3.28	
		24	24	TC	2.71	
		30	30	TC	2.35	
R1241	I263,K363	0	0	TC	19.33	6
		6	6	TC	4.80	
		12	12	TC	2.87	
		18	18	TC	2.60	
		24	24	TC	2.90	
		30	30	TC	2.71	
		36	36	TC	3.24	
R1242	I270,L003	0	0	TC	335.36	24
		6	6	TC	242.11	
		12	12	TC	54.75	
		18	18	TC	16.36	
		24	24	TC	9.11	
		30	30	TC	6.78	
		36	36	TC	5.48	
		42	42	TC	5.86	
		48	48	TC	4.45	
		60	60	TC	4.17	
		72	72	TC	6.52	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1243	I268,L092	0	0	TC	141.24	30
		6	6	TC	457.69	
		12	12	TC	126.70	
		18	18	TC	35.85	
		24	24	TC	16.41	
		30	30	TC	10.87	
		36	36	TC	8.35	
		42	42	TC	6.85	
		48	48	TC	5.77	
		54	54	TC	5.06	
		60	60	TC	4.50	
		66	66	TC	4.06	
		72	72	TC	3.48	
		78	78	TC	3.55	
R1244	I271,L181	0	0	TC	159.89	36
		6	6	TC	653.60	
		12	12	TC	318.25	
		18	18	TC	63.99	
		24	24	TC	28.83	
		30	30	TC	15.21	
		36	36	TC	11.65	
		42	42	TC	9.63	
		48	48	TC	7.27	
		54	54	TC	5.57	
		60	60	TC	4.73	
		66	66	TC	4.15	
		72	72	TC	3.57	
		78	78	TC	3.53	
R1245	I268,L272	0	0	TC	107.28	30
		6	6	TC	294.29	
		12	12	TC	91.88	
		18	18	TC	33.54	
		24	24	TC	15.97	
		30	30	TC	10.92	
		36	36	TC	7.08	
		42	42	TC	5.76	
		48	48	TC	4.89	
		60	60	TC	4.18	
		72	72	TC	3.51	
		78	78	TC	3.17	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1246	I265,L363	0	0	TC	139.19	30
		6	6	TC	422.62	
		12	12	TC	118.14	
		18	18	TC	36.53	
		24	24	TC	19.42	
		30	30	TC	11.80	
		36	36	TC	8.73	
		42	42	TC	7.67	
		48	48	TC	6.38	
		54	54	TC	5.49	
		60	60	TC	5.04	
		66	66	TC	4.47	
		72	72	TC	4.19	
R1247	I267,M002	0	0	TC	36.62	24
		6	6	TC	154.08	
		12	12	TC	78.53	
		18	18	TC	23.44	
		24	24	TC	10.08	
		30	30	TC	6.25	
		36	36	TC	5.17	
		42	42	TC	4.69	
R1248	I270,M091	0	0	TC	6.09	12
		6	6	TC	5.06	
		12	12	TC	3.50	
		18	18	TC	3.11	
		24	24	TC	2.80	
		30	30	TC	2.73	
		36	36	TC	2.91	
R1249	I178,M002	0	0	TC	7.32	12
		6	6	TC	7.66	
		12	12	TC	5.55	
		18	18	TC	4.41	
		24	24	TC	3.27	
		30	30	TC	3.05	
		36	36	TC	2.98	
R1250	I176,L361	0	0	TC	52.44	24
		6	6	TC	199.33	
		12	12	TC	79.73	
		18	18	TC	20.45	
		24	24	TC	10.15	
		24	30	OC	6.06	
		30	30	TC	6.41	
		36	36	TC	4.77	
		42	42	TC	4.36	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1251	I177,L274	0	0	TC	84.82	24
		6	6	TC	183.29	
		12	12	TC	44.76	
		18	18	TC	15.19	
		24	24	TC	6.97	
		30	30	TC	4.94	
		36	36	TC	4.30	
		48	48	TC	3.44	
		60	60	TC	3.51	
R1252	I176,L183	0	0	TC	94.87	24
		6	6	TC	269.48	
		12	12	TC	73.92	
		18	18	TC	22.93	
		24	24	TC	11.38	
		30	30	TC	6.78	
		36	36	TC	5.03	
		42	42	TC	5.64	
R1253	I176,L091	0	0	TC	114.15	24
		6	6	TC	378.51	
		12	12	TC	141.60	
		18	18	TC	34.53	
		24	24	TC	13.84	
		30	30	TC	7.92	
		36	36	TC	5.14	
		42	42	TC	4.48	
R1254	I178,L004	0	0	TC	346.48	30
		6	6	TC	533.83	
		12	12	TC	146.46	
		18	18	TC	36.02	
		24	24	TC	15.28	
		30	30	TC	8.32	
		30	36	OC	9.34	
		30	36	SS	5.29	
		36	36	TC	4.53	
		42	42	TC	5.89	
R1255	I175,K363	0	0	TC	22.08	12
		6	6	TC	9.10	
		12	12	TC	3.92	
		18	18	TC	2.76	
		24	24	TC	2.53	
		30	30	TC	2.41	
		36	36	TC	2.57	
		42	42	TC	2.59	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1256	I177,K274	0	0	TC	36.25	12
		6	6	TC	12.42	
		12	12	TC	4.86	
		18	18	TC	2.98	
		24	24	TC	2.46	
		30	30	TC	2.33	
R1257	I180,K180	0	0	TC	5.75	6
		6	6	TC	3.01	
		12	12	TC	2.65	
		18	18	TC	2.57	
		24	24	TC	2.36	
		30	30	TC	2.16	
		36	36	TC	2.24	
R1258	I085,K094	0	0	TC	25.75	12
		6	6	TC	26.60	
		12	12	TC	9.57	
		18	18	TC	4.40	
		24	24	TC	4.30	
R1259	I268,K183	0	0	TC	72.01	12
		6	6	TC	24.27	
		12	12	TC	7.18	
		18	18	TC	4.42	
		24	24	TC	3.56	
		30	30	TC	3.36	
		36	36	TC	3.48	
R1260	I084,K182	0	0	TC	20.96	18
		6	6	TC	34.99	
		12	12	TC	36.87	
		18	18	TC	9.69	
		24	24	TC	4.71	
		30	30	TC	3.41	
		36	36	TC	3.15	
		42	42	TC	3.55	
R1261	I089,K272	0	0	TC	18.99	12
		6	6	TC	10.17	
		12	12	TC	4.23	
		18	18	TC	2.73	
		24	24	TC	2.42	
		30	30	TC	2.29	
		36	36	TC	2.68	
R1262	I088,K363	0	0	TC	34.70	12
		6	6	TC	15.38	
		12	12	TC	5.47	
		18	18	TC	3.09	
		24	24	TC	2.61	
		30	30	TC	2.47	
		36	36	TC	2.65	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1263	I083,L001	0	0	TC	122.94	24
		6	6	TC	325.09	
		12	12	TC	101.38	
		18	18	TC	24.30	
		24	24	TC	13.45	
R1264	I090,L093	0	0	TC	73.83	24
		6	6	TC	261.78	
		12	12	TC	123.53	
		18	18	TC	29.94	
		24	24	TC	12.23	
		30	30	TC	7.35	
		36	36	TC	6.64	
R1265	I087,L183	0	0	TC	53.96	24
		6	6	TC	149.10	
		12	12	TC	147.14	
		18	18	TC	36.32	
		24	24	TC	14.10	
		30	30	TC	7.69	
		36	36	TC	5.30	
		42	42	TC	4.40	
		48	48	TC	3.63	
		54	54	TC	3.14	
		66	66	TC	2.94	
		78	78	TC	2.96	
R1266	I087,L271	0	0	TC	22.24	18
		6	6	TC	48.68	
		12	12	TC	25.84	
		18	18	TC	8.45	
		24	24	TC	5.07	
		30	30	TC	4.06	
		36	36	TC	3.64	
R1267	I090,L362	0	0	TC	10.99	12
		6	6	TC	9.37	
		12	12	TC	5.07	
		18	18	TC	3.35	
		24	24	TC	3.12	
		30	30	TC	2.99	
		36	36	TC	2.96	
		42	42	TC	2.92	
R1268	I089,L449	0	0	TC	5.70	6
		6	6	TC	3.96	
		12	12	TC	3.37	
		18	18	TC	3.48	
		24	24	TC	3.38	
		30	30	TC	2.98	
		36	36	TC	2.86	
		42	42	TC	2.91	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1269	I001,M000	0	0	TC	5.68	6
		6	6	TC	4.65	
		12	12	TC	3.89	
		18	18	TC	3.86	
		24	24	TC	3.52	
		30	30	TC	3.20	
		36	36	TC	3.03	
R1270	I000,L363	0	0	TC	6.36	12
		6	6	TC	8.86	
		12	12	TC	4.82	
		18	18	TC	3.43	
		24	24	TC	3.16	
		30	30	TC	3.02	
		36	36	TC	2.92	
		42	42	TC	2.99	
R1271	H359,L278	0	0	TC	8.72	12
		6	6	TC	15.26	
		12	12	TC	7.64	
		18	18	TC	4.45	
		24	24	TC	3.64	
		30	30	TC	3.52	
		36	36	TC	3.40	
		42	42	TC	3.44	
R1272	I002,L181	0	0	TC	26.43	18
		6	6	TC	84.14	
		12	12	TC	50.64	
		18	18	TC	14.05	
		24	24	TC	6.91	
		30	30	TC	5.18	
		36	36	TC	4.77	
		42	42	TC	4.50	
R1273	H357,L094	0	0	TC	54.24	18
		6	6	TC	44.49	
		12	12	TC	15.06	
		18	18	TC	6.99	
		24	24	TC	5.24	
		30	30	TC	4.33	
		36	36	TC	4.65	
R1274	H353,L005	0	0	TC	54.13	18
		6	6	TC	155.07	
		12	12	TC	47.48	
		18	18	TC	13.13	
		24	24	TC	6.78	
		30	30	TC	6.05	
		36	36	TC	5.40	
		42	42	TC	4.83	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1275	H359,K362	0	0	TC	26.69	24
		6	6	TC	83.84	
		12	12	TC	45.68	
		18	18	TC	15.10	
		24	24	TC	12.61	
		30	30	TC	5.95	
		36	36	TC	4.77	
		42	42	TC	3.77	
R1276	I003,K274	0	0	TC	14.76	12
		6	6	TC	16.93	
		12	12	TC	7.80	
		18	18	TC	3.67	
		24	24	TC	2.80	
		30	30	TC	2.37	
		36	36	TC	2.49	
		42	42	TC	2.57	
R1277	H359,K182	0	0	TC	13.67	6
		6	6	TC	4.91	
		12	12	TC	3.53	
		18	18	TC	2.63	
		24	24	TC	2.34	
		30	30	TC	2.21	
R1278	I001,K091	0	0	TC	6.75	6
		6	6	TC	2.60	
		12	12	TC	2.11	
		18	18	TC	2.09	
		24	24	TC	2.18	
		30	30	TC	2.18	
R1279	H273,K178	0	0	TC	17.09	36
		6	6	TC	22.90	
		12	12	TC	23.97	
		18	18	TC	22.85	
		24	24	TC	24.22	
		30	30	TC	20.18	
		36	36	TC	8.63	
		42	42	TC	7.11	
R1280	H272,K269	0	0	TC	8.06	12
		6	6	TC	7.51	
		12	12	TC	6.28	
		18	18	TC	4.09	
		24	24	TC	2.88	
		30	30	TC	2.76	
		36	36	TC	2.80	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1281	H270,K357	0	0	TC	11.47	30
		6	6	TC	12.38	
		12	12	TC	18.83	
		18	18	TC	40.16	
		24	24	TC	20.64	
		30	30	TC	7.60	
		36	36	TC	4.26	
R1282	H272,K448	0	0	TC	11.98	24
		6	6	TC	12.38	
		12	12	TC	16.94	
		18	18	TC	17.49	
		24	24	TC	8.00	
		30	30	TC	5.05	
		36	36	TC	4.21	
R1283	H272,L089	0	0	TC	9.40	24
		6	6	TC	11.12	
		12	12	TC	18.23	
		18	18	TC	15.42	
		24	24	TC	6.45	
		30	30	TC	4.50	
		36	36	TC	4.34	
R1284	H277,L178	0	0	TC	7.05	12
		6	6	TC	9.37	
		12	12	TC	12.99	
		18	18	TC	6.22	
		24	24	TC	4.41	
		30	30	TC	3.85	
		36	36	TC	3.76	
R1285	H281,L270	0	0	TC	6.42	12
		6	6	TC	6.51	
		12	12	TC	7.25	
		18	18	TC	4.48	
		24	24	TC	3.69	
		30	30	TC	3.05	
		36	36	TC	3.00	
R1286	H280,L358	0	0	TC	5.69	12
		6	6	TC	5.72	
		12	12	TC	4.99	
		18	18	TC	3.75	
		24	24	TC	3.22	
		30	30	TC	3.02	
		36	36	TC	2.92	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1287	H285,L427	0	0	TC	4.48	6
		0	6	OC	10.76	
		6	6	TC	4.56	
		12	12	TC	4.62	
		18	18	TC	3.98	
		24	24	TC	3.74	
		30	30	TC	3.23	
		36	36	TC	3.12	
R1288	L134,M416	0	0	TC	11.60	96
		6	6	TC	20.53	
		12	12	TC	26.35	
		18	18	TC	53.98	
		24	24	TC	60.06	
		30	30	TC	67.16	
		36	36	TC	122.25	
		42	42	TC	337.92	
		48	48	TC	431.17	
		54	54	TC	296.00	
		60	60	TC	139.36	
		66	66	TC	102.66	
		72	72	TC	76.91	
		78	78	TC	60.57	
		84	84	TC	48.68	
		90	90	TC	54.75	
R1289	L216,M166	0	0	TC	89.68	42
		6	6	TC	231.88	
		12	12	TC	714.40	
		18	18	TC	1015.33	
		24	24	TC	478.25	
		30	30	TC	83.54	
		36	36	TC	21.14	
		42	42	TC	9.38	
		48	48	TC	6.65	
		54	54	TC	5.47	
		60	60	TC	4.64	
		66	66	TC	4.44	
		72	72	TC	3.79	
		78	78	TC	3.73	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1290	L115,N008	0	0	TC	9.21	96
		6	6	TC	14.06	
		12	12	TC	20.36	
		18	18	TC	32.42	
		24	24	TC	41.41	
		30	30	TC	61.00	
		36	36	TC	117.72	
		42	42	TC	269.48	
		48	48	TC	177.86	
		54	54	TC	98.81	
		60	60	TC	56.89	
		66	66	TC	37.47	
		72	72	TC	25.80	
		78	78	TC	19.33	
		84	84	TC	18.24	
		90	90	TC	17.20	
		96	96	TC	12.15	
		102	102	TC	9.00	
		108	108	TC	8.38	
		114	114	TC	6.09	
		120	120	TC	8.98	
		126	126	TC	10.52	
R1291	J198,L316	0	0	TC	134.91	48
		6	6	TC	626.23	
		12	12	TC	905.12	
		12	18	OC	1077.19	
		18	18	TC	395.24	
		24	24	TC	149.71	
		30	30	TC	46.97	
		36	36	TC	25.24	
		42	42	TC	15.60	
		48	48	TC	11.82	
		48	54	SS	4.81	
		48	54	OC	8.51	
		54	54	TC	8.66	
		60	60	TC	6.60	
		66	66	TC	5.58	
		72	72	TC	5.30	
		78	78	TC	6.38	
R1292	I354,M115	0	0	TC	5.35	6
		6	6	TC	3.96	
		12	12	TC	3.19	
		18	18	TC	2.91	
		24	24	TC	2.77	
		30	30	TC	2.81	
		36	36	TC	2.49	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1293	J086,M147	0	0	TC	5.79	6
		6	6	TC	4.99	
		12	12	TC	4.03	
		18	18	TC	3.47	
		24	24	TC	2.77	
		30	30	TC	2.68	
		36	36	TC	3.97	
R1294	P008,N397	30	36	OC	2.19	0
R1295	O016,N380	0	12	OC	545.46	132
		12	24	OC	337.78	
		24	36	OC	112.40	
		30	36	OC	153.24	
		36	54	OC	18.16	
		54	72	OC	6.18	
		54	72	SS	1.10	
		78	96	OC	5.26	
		96	114	OC	46.36	
		114	132	SS	17.60	
		114	132	OC	37.76	
		132	150	SS	1.78	
		132	150	OC	7.26	
R1296	Q180,F354	0	0	TC	6.36	12
		6	6	TC	5.68	
		12	12	TC	4.14	
		18	18	TC	3.90	
		24	24	TC	4.00	
		30	30	TC	4.13	
R1297	Q181,G003	0	0	TC	5.11	6
		6	6	TC	3.63	
		12	12	TC	3.46	
		18	18	TC	3.33	
		24	24	TC	3.70	
		30	30	TC	3.77	
R1298	Q092,F360	0	0	TC	5.14	6
		6	6	TC	3.87	
		12	12	TC	3.58	
		18	18	TC	3.19	
		24	24	TC	2.87	
		30	30	TC	3.41	
R1299	Q092,G003	0	0	TC	5.02	6
		6	6	TC	4.17	
		12	12	TC	3.74	
		18	18	TC	3.78	
		24	24	TC	3.67	
		30	30	TC	3.70	
		36	36	TC	3.76	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1300	Q093,G089	0	0	TC	5.26	6
		6	6	TC	4.05	
		12	12	TC	3.40	
		18	18	TC	3.28	
		24	24	TC	3.54	
		30	30	TC	3.61	
		36	36	TC	3.66	
R1301	Q093,G179	0	0	TC	15.38	12
		6	6	TC	7.92	
		12	12	TC	4.27	
		18	18	TC	3.77	
		24	24	TC	3.63	
		30	30	TC	3.71	
R1302	Q071,G275	0	0	TC	9.62	12
		6	6	TC	7.99	
		12	12	TC	5.13	
		18	18	TC	3.77	
		24	24	TC	3.72	
		30	30	TC	4.00	
		36	36	TC	3.76	
		48	48	TC	3.04	
		60	60	TC	2.42	
		72	72	TC	2.30	
		84	84	TC	2.57	
		96	96	TC	2.78	
		108	108	TC	2.32	
		120	120	TC	2.40	
		132	132	TC	2.28	
		144	144	TC	2.30	
R1303	Q091,G360	0	0	TC	8.87	12
		6	6	TC	5.42	
		12	12	TC	4.09	
		18	18	TC	3.10	
		24	24	TC	3.43	
		30	30	TC	3.53	
R1304	Q092,H001	0	0	TC	27.03	18
		6	6	TC	161.18	
		12	12	TC	64.59	
		18	18	TC	8.29	
		24	24	TC	4.25	
		30	30	TC	4.05	
		36	36	TC	4.19	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1305	Q004,G360	0	0	TC	22.16	30
		6	6	TC	32.68	
		12	12	TC	28.49	
		18	18	TC	21.73	
		24	24	TC	15.05	
		30	30	TC	5.66	
		36	36	TC	4.38	
		42	42	TC	4.47	
R1306	Q001,G267	0	0	TC	17.20	18
		6	6	TC	25.58	
		12	12	TC	19.59	
		18	18	TC	11.99	
		24	24	TC	6.14	
		30	30	TC	5.69	
		36	36	TC	5.98	
R1307	P356,G185	0	0	TC	11.62	12
		6	6	TC	5.16	
		12	12	TC	3.94	
		18	18	TC	3.32	
		24	24	TC	3.18	
		30	30	TC	4.23	
R1308	Q000,G088	0	0	TC	5.47	6
		6	6	TC	3.21	
		12	12	TC	2.75	
		18	18	TC	2.76	
		24	24	TC	2.71	
		30	30	TC	2.75	
		36	36	TC	3.13	
R1309	P359,G005	0	0	TC	4.66	6
		0	6	OC	8.78	
		6	6	TC	3.35	
		12	12	TC	3.42	
		18	18	TC	3.36	
		24	24	TC	3.54	
		30	30	TC	3.71	
		36	36	TC	3.76	
R1310	Q001,F363	0	0	TC	5.03	6
		6	6	TC	3.59	
		12	12	TC	3.49	
		18	18	TC	3.64	
		24	24	TC	3.41	
		30	30	TC	3.19	
		36	36	TC	3.32	
		42	42	TC	3.63	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1311	P272,F360	0	0	TC	6.11	6
		6	6	TC	4.10	
		12	12	TC	3.68	
		18	18	TC	3.46	
		24	24	TC	3.46	
		30	30	TC	3.47	
		36	36	TC	3.53	
R1312	P272,G005	0	0	TC	11.10	12
		6	6	TC	15.81	
		12	12	TC	7.58	
		18	18	TC	4.06	
		24	24	TC	3.30	
		30	30	TC	3.14	
		36	36	TC	3.63	
R1313	P274,G086	0	0	TC	10.84	12
		6	6	TC	11.14	
		12	12	TC	5.34	
		18	18	TC	3.23	
		24	24	TC	2.94	
		30	30	TC	2.70	
		36	36	TC	2.58	
R1314	P274,G187	0	0	TC	21.22	24
		6	6	TC	33.71	
		12	12	TC	37.47	
		18	18	TC	15.72	
		24	24	TC	7.40	
		30	30	TC	4.65	
		36	36	TC	4.14	
		42	42	TC	4.45	
R1315	P181,G089	0	0	TC	22.33	12
		6	6	TC	9.56	
		12	12	TC	5.04	
		18	18	TC	3.88	
		24	24	TC	3.72	
		30	30	TC	3.62	
		36	36	TC	3.44	
R1316	P181,G008	0	0	TC	7.34	6
		6	6	TC	4.58	
		12	12	TC	3.52	
		18	18	TC	3.24	
		24	24	TC	3.69	
		30	30	TC	3.76	
		36	36	TC	3.80	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1317	P178,F357	0	0	TC	8.96	12
		6	6	TC	7.48	
		12	12	TC	5.07	
		18	18	TC	3.64	
		24	24	TC	3.35	
		30	30	TC	2.97	
		36	36	TC	2.59	
R1318	P085,F234	0	0	TC	14.29	12
		6	6	TC	6.86	
		12	12	TC	4.17	
		18	18	TC	3.14	
		24	24	TC	2.95	
		30	30	TC	3.63	
R1319	P094,F359	0	0	TC	6.90	12
		6	6	TC	5.80	
		12	12	TC	4.95	
		18	18	TC	6.02	
		24	24	TC	4.33	
		30	30	TC	3.63	
		36	36	TC	3.58	
		42	42	TC	3.62	
R1320	P093,F447	0	0	TC	32.17	12
		6	6	TC	8.35	
		12	12	TC	4.67	
		18	18	TC	4.14	
		24	24	TC	3.78	
		30	30	TC	3.41	
		36	36	TC	4.82	
R1321	P000,F449	0	0	TC	21.39	30
		6	6	TC	63.48	
		12	12	TC	46.88	
		18	18	TC	37.98	
		24	24	TC	16.19	
		30	30	TC	7.96	
		36	36	TC	5.09	
		42	42	TC	4.38	
R1322	O348,F364	0	0	TC	5.24	6
		6	6	TC	3.57	
		12	12	TC	3.17	
		18	18	TC	2.94	
		24	24	TC	3.04	
		30	30	TC	3.10	
		36	36	TC	3.76	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1323	O359,F267	0	0	TC	5.24	6
		6	6	TC	4.04	
		12	12	TC	3.61	
		18	18	TC	3.66	
		24	24	TC	3.48	
		30	30	TC	3.70	
		36	36	TC	3.83	
R1324	O268,F358	0	0	TC	7.51	6
		6	6	TC	4.14	
		12	12	TC	3.23	
		18	18	TC	3.00	
		24	24	TC	3.30	
		30	30	TC	3.46	
		36	36	TC	3.42	
		42	42	TC	3.62	
R1325	O269,G000	0	0	TC	10.03	12
		6	6	TC	6.20	
		12	12	TC	3.41	
		18	18	TC	2.92	
		24	24	TC	3.02	
		30	30	TC	3.04	
		36	36	TC	3.87	
R1326	O178,F448	0	0	TC	15.05	18
		6	6	TC	29.60	
		12	12	TC	15.72	
		18	18	TC	7.22	
		24	24	TC	4.53	
		30	30	TC	4.25	
R1327	O090,F449	0	0	TC	11.48	12
		6	6	TC	10.00	
		12	12	TC	4.65	
		18	18	TC	3.30	
		24	24	TC	2.87	
		30	30	TC	2.75	
		36	36	TC	3.33	
R1328	N357,G087	0	0	TC	11.50	12
		6	6	TC	6.38	
		12	12	TC	3.90	
		18	18	TC	3.58	
		24	24	TC	3.20	
		30	30	TC	3.04	
		36	36	TC	3.29	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1329	N268,G177	0	0	TC	8.02	6
		6	6	TC	3.42	
		12	12	TC	3.01	
		18	18	TC	3.13	
		24	24	TC	3.03	
		30	30	TC	3.10	
		36	36	TC	3.29	
		42	42	TC	3.44	
R1330	N179,G268	0	0	TC	20.70	18
		6	6	TC	45.34	
		12	12	TC	19.25	
		18	18	TC	7.04	
		24	24	TC	6.19	
		30	30	TC	4.95	
		36	36	TC	3.82	
R1331	N093,G361	0	0	TC	12.64	24
		6	6	TC	26.01	
		12	12	TC	33.71	
		18	18	TC	15.48	
		24	24	TC	11.53	
		30	30	TC	6.73	
		36	36	TC	5.89	
R1332	M272,H001	0	0	TC	7.09	12
		6	6	TC	9.58	
		12	12	TC	10.39	
		18	18	TC	7.24	
		24	24	TC	4.12	
		30	30	TC	3.23	
R1333	M182,H086	0	0	TC	7.32	12
		6	6	TC	6.97	
		12	12	TC	4.40	
		18	18	TC	3.39	
		24	24	TC	2.99	
		30	30	TC	2.68	
		36	36	TC	2.92	
R1334	M089,H181	0	0	TC	8.02	36
		6	6	TC	11.81	
		12	12	TC	14.03	
		18	18	TC	16.99	
		24	24	TC	29.86	
		30	30	TC	27.20	
		36	36	TC	12.52	
		42	42	TC	6.52	
		48	48	TC	4.41	
		54	54	TC	3.53	
		60	60	TC	3.58	
		66	66	TC	3.70	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1335	L359,H268	0	0	TC	9.00	78
		6	6	TC	13.76	
		12	12	TC	18.39	
		18	18	TC	20.45	
		24	24	TC	25.75	
		30	30	TC	42.78	
		36	36	TC	44.74	
		42	42	TC	50.82	
		48	48	TC	37.90	
		54	54	TC	22.76	
		60	60	TC	13.65	
		66	66	TC	20.10	
		72	72	TC	17.69	
		78	78	TC	7.25	
		84	84	TC	6.67	
		90	90	TC	6.43	
		96	96	TC	5.17	
		102	102	TC	7.12	
		108	108	TC	7.42	
R1336	J047,L044	0	0	TC	135.34	36
		6	6	TC	455.98	
		12	12	TC	569.76	
		18	18	TC	131.40	
		24	24	TC	33.71	
		30	30	TC	15.40	
		36	36	TC	8.26	
		42	42	TC	7.55	
		48	48	TC	5.88	
		54	54	TC	4.92	
		60	60	TC	4.00	
		66	66	TC	3.52	
		72	72	TC	2.95	
		78	78	TC	2.79	
R1337	I313,L046	0	0	TC	123.19	30
		6	6	TC	357.60	
		12	12	TC	142.53	
		18	18	TC	35.08	
		24	24	TC	16.86	
		30	30	TC	11.67	
		36	36	TC	7.70	
		42	42	TC	5.77	
		48	48	TC	5.02	
		54	54	TC	4.63	
		60	60	TC	4.50	
		66	66	TC	3.99	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1338	J046,K404	0	0	TC	184.79	30
		6	6	TC	683.54	
		12	12	TC	411.50	
		18	18	TC	67.93	
		24	24	TC	23.61	
		30	30	TC	11.21	
		36	36	TC	7.62	
		42	42	TC	6.23	
		48	48	TC	5.04	
		54	54	TC	4.23	
		60	60	TC	3.75	
		66	66	TC	3.56	
		72	72	TC	3.23	
		78	78	TC	3.71	
R1339	J002,K405	0	0	TC	216.44	30
		6	6	TC	707.50	
		12	12	TC	236.97	
		18	18	TC	48.08	
		24	24	TC	18.39	
		30	30	TC	11.02	
		36	36	TC	8.20	
		42	42	TC	6.98	
		48	48	TC	6.14	
		54	54	TC	5.26	
		60	60	TC	4.17	
		66	66	TC	3.94	
		72	72	TC	4.10	
R1340	I315,K422	0	0	TC	216.44	24
		6	6	TC	288.30	
		12	12	TC	62.45	
		18	18	TC	18.82	
		24	24	TC	11.87	
		30	30	TC	8.40	
		36	36	TC	7.02	
		42	42	TC	6.31	
		48	48	TC	6.05	
		54	54	TC	4.86	
		60	60	TC	4.81	
		66	66	TC	4.65	
		72	72	TC	4.95	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1341	O179,G090	0	0	TC	9.50	12
		6	6	TC	5.15	
		12	12	TC	3.17	
		18	18	TC	3.01	
		24	24	TC	3.08	
		30	30	TC	3.18	
		36	36	TC	3.30	
		42	42	TC	3.44	
		48	48	TC	3.57	
		54	54	TC	3.47	
		60	60	TC	3.62	
		66	66	TC	3.67	
		72	72	TC	3.70	
		78	78	TC	3.54	
R1342	O093,G092	0	0	TC	27.20	18
		6	6	TC	60.23	
		12	12	TC	19.76	
		18	18	TC	5.97	
		24	24	TC	3.93	
		30	30	TC	3.70	
		36	36	TC	3.54	
		42	42	TC	4.21	
		48	48	TC	3.56	
		54	54	TC	3.65	
		60	60	TC	3.71	
		66	66	TC	3.62	
		72	72	TC	4.50	
R1343	O000,G163	0	0	TC	50.90	18
		6	6	TC	36.62	
		12	12	TC	15.53	
		18	18	TC	4.60	
		24	24	TC	3.85	
		30	30	TC	3.53	
		36	36	TC	3.70	
		42	42	TC	4.60	
		48	48	TC	3.74	
		54	54	TC	3.69	
		60	60	TC	3.82	
		66	66	TC	3.66	
		72	72	TC	5.00	
R1344	L270,H359	0	0	TC	7.69	12
		6	6	TC	6.08	
		12	12	TC	6.67	
		18	18	TC	3.96	
		24	24	TC	2.52	
		30	30	TC	2.37	
		36	36	TC	2.26	
		42	42	TC	2.41	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1345	L178,H444	0	0	TC	8.18	12
		6	6	TC	8.56	
		12	12	TC	5.20	
		18	18	TC	6.13	
		24	24	TC	4.17	
		30	30	TC	4.47	
		36	36	TC	4.78	
R1346	L178,H359	0	6	OC	4.64	0
		6	12	OC	2.64	
R1347	L076,I078	0	0	TC	5.95	6
		6	6	TC	3.23	
		12	12	TC	3.08	
		18	18	TC	3.52	
		24	24	TC	4.27	
		30	30	TC	3.92	
		36	36	TC	3.72	
R1348	L092,H448	0	6	OC	3.98	0
		6	12	OC	0.94	
R1349	K359,I090	0	6	OC	42.97	6
		6	12	OC	14.84	
R1350	K343,I158	0	0	TC	6.17	6
		6	6	TC	3.88	
		12	12	TC	3.64	
		18	18	TC	3.07	
		24	24	TC	3.38	
		30	30	TC	3.71	
		36	36	TC	4.50	
		42	42	TC	4.98	
R1351	K273,I179	0	0	TC	9.47	12
		6	6	TC	9.74	
		12	12	TC	8.68	
		18	18	TC	6.29	
		24	24	TC	3.08	
		30	30	TC	2.39	
		36	36	TC	2.17	
		42	42	TC	2.38	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1352	K135,I261	0	0	TC	26.09	150
		6	6	TC	131.06	
		12	12	TC	361.88	
		18	18	TC	467.10	
		24	24	TC	489.35	
		30	30	TC	472.24	
		36	36	TC	491.06	
		42	42	TC	260.93	
		48	48	TC	193.00	
		54	54	TC	172.81	
		60	60	TC	144.67	
		66	66	TC	39.18	
		72	72	TC	16.31	
		78	78	TC	9.62	
		84	84	TC	8.28	
		90	90	TC	6.62	
		96	96	TC	6.17	
		102	102	TC	5.89	
		108	108	TC	5.73	
		114	114	TC	5.46	
		120	120	TC	5.35	
		126	126	TC	5.11	
		132	132	TC	4.93	
		138	138	TC	4.87	
		138	150	OC	17.74	
		144	144	TC	4.79	
		156	156	TC	5.08	
		162	162	TC	5.03	
		168	168	TC	4.77	
		180	180	TC	4.48	
		192	192	TC	4.57	
		198	198	TC	4.23	
		210	210	TC	4.27	
		222	222	TC	4.36	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1353	K079,I306	0	0	TC	36.10	156
		6	6	TC	254.94	
		12	12	TC	450.85	
		18	18	TC	524.42	
		24	24	TC	550.94	
		30	30	TC	563.77	
		36	36	TC	531.27	
		42	42	TC	595.43	
		48	48	TC	560.35	
		54	54	TC	644.19	
		60	60	TC	690.39	
		66	66	TC	746.00	
		72	72	TC	638.20	
		78	78	TC	524.42	
		84	84	TC	537.25	
		90	90	TC	559.50	
		96	96	TC	508.17	
		102	102	TC	447.43	
		108	108	TC	610.83	
		114	114	TC	699.80	
		120	120	TC	503.03	
		126	126	TC	309.69	
		132	132	TC	185.47	
		138	138	TC	159.12	
		144	144	TC	21.82	
		150	150	TC	16.05	
		156	156	TC	12.57	
		162	162	TC	12.00	
		168	168	TC	9.79	
		174	174	TC	9.74	
		180	180	TC	9.56	
		186	186	TC	9.31	
		192	192	TC	10.34	
		198	198	TC	9.55	
		204	204	TC	9.40	
		210	210	TC	9.02	
		216	216	TC	8.73	
		222	222	TC	8.93	
		228	228	TC	8.66	
		234	234	TC	9.02	
		240	240	TC	8.62	
		246	246	TC	8.37	
		252	252	TC	8.18	
		258	258	TC	8.10	
		264	264	TC	8.91	
		270	270	TC	9.29	
		276	276	TC	8.19	
		282	282	TC	7.94	
		288	288	TC	7.74	
		294	294	TC	7.47	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1353	K079,I306	300	300	TC	9.31	156
R1354	K006,I364	0	0	TC	79.05	240
		6	6	TC	406.36	
		12	12	TC	562.92	
		18	18	TC	588.58	
		24	24	TC	553.51	
		30	30	TC	584.31	
		36	36	TC	657.88	
		42	42	TC	700.65	
		48	48	TC	698.94	
		54	54	TC	700.65	
		60	60	TC	695.52	
		66	66	TC	625.37	
		72	72	TC	500.47	
		78	78	TC	421.76	
		84	84	TC	453.42	
		90	90	TC	538.11	
		96	96	TC	560.35	
		102	102	TC	607.41	
		108	108	TC	690.39	
		114	114	TC	707.50	
		120	120	TC	666.43	
		126	126	TC	685.26	
		132	132	TC	620.24	
		138	138	TC	783.64	
		144	144	TC	582.60	
		150	150	TC	392.67	
		156	156	TC	332.79	
		162	162	TC	331.08	
		168	168	TC	322.52	
		174	174	TC	317.39	
		180	180	TC	320.81	
		186	186	TC	357.60	
		192	192	TC	427.75	
		198	198	TC	174.35	
		204	204	TC	62.28	
		210	210	TC	31.14	
		216	216	TC	24.66	
		222	222	TC	18.94	
		228	228	TC	16.67	
		234	234	TC	15.36	
		240	240	TC	9.70	
		246	246	TC	8.42	
		252	252	TC	7.50	
		258	258	TC	6.84	
		264	264	TC	6.40	
		270	270	TC	5.59	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1355	J266,J000	0	0	TC	61.51	198
		6	6	TC	283.17	
		12	12	TC	350.76	
		18	18	TC	426.04	
		24	24	TC	442.29	
		30	30	TC	455.13	
		36	36	TC	448.28	
		42	42	TC	431.17	
		48	48	TC	429.46	
		54	54	TC	502.18	
		60	60	TC	555.22	
		66	66	TC	573.18	
		72	72	TC	613.39	
		78	78	TC	718.62	
		84	84	TC	725.46	
		90	90	TC	654.46	
		96	96	TC	633.93	
		102	102	TC	716.91	
		108	108	TC	621.09	
		114	114	TC	470.52	
		120	120	TC	461.97	
		126	126	TC	446.57	
		132	132	TC	415.77	
		138	138	TC	438.02	
		144	144	TC	357.60	
		150	150	TC	319.10	
		156	156	TC	229.27	
		162	162	TC	63.82	
		168	168	TC	50.73	
		174	174	TC	19.37	
		180	180	TC	16.56	
		186	186	TC	15.78	
		192	192	TC	15.13	
		198	198	TC	13.14	
		204	204	TC	12.54	
		210	210	TC	11.81	
		216	216	TC	11.02	
		222	222	TC	11.23	
		228	228	TC	10.04	
		234	234	TC	8.36	
		240	240	TC	7.39	
		246	246	TC	6.72	
		252	252	TC	6.10	
		258	258	TC	5.52	
		264	264	TC	4.88	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1356	J170,J072	0	0	TC	31.65	36
		6	6	TC	128.32	
		12	12	TC	94.87	
		18	18	TC	27.99	
		24	24	TC	19.98	
		30	30	TC	16.49	
		36	36	TC	12.17	
		42	42	TC	10.93	
		48	48	TC	9.77	
		54	54	TC	8.04	
		60	60	TC	7.69	
		66	66	TC	7.73	
		72	72	TC	7.45	
		78	78	TC	7.03	
		84	84	TC	7.31	
		90	90	TC	7.41	
		96	96	TC	6.74	
		102	102	TC	6.36	
		108	108	TC	6.64	
		114	114	TC	6.31	
		120	120	TC	6.86	
		126	126	TC	6.46	
		132	132	TC	6.24	
		138	138	TC	5.94	
		144	144	TC	5.57	
		150	150	TC	5.15	
		156	156	TC	4.95	
		162	162	TC	4.64	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1357	J043,J175	0	0	TC	23.87	78
		6	6	TC	157.41	
		12	12	TC	255.79	
		18	18	TC	263.49	
		24	24	TC	229.27	
		30	30	TC	164.08	
		36	36	TC	127.90	
		42	42	TC	62.37	
		48	48	TC	44.66	
		54	54	TC	38.41	
		60	60	TC	25.49	
		66	66	TC	19.95	
		72	72	TC	15.99	
		78	78	TC	12.96	
		84	84	TC	12.70	
		90	90	TC	12.13	
		96	96	TC	11.95	
		102	102	TC	10.80	
		108	108	TC	9.65	
		114	114	TC	8.90	
		120	120	TC	8.35	
		126	126	TC	10.45	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1358	I103,J433	0	0	TC	17.88	120
		6	6	TC	63.48	
		12	12	TC	169.30	
		18	18	TC	67.24	
		24	24	TC	38.41	
		30	30	TC	34.65	
		36	36	TC	40.72	
		42	42	TC	47.39	
		48	48	TC	98.64	
		54	54	TC	176.23	
		60	60	TC	200.19	
		66	66	TC	222.43	
		72	72	TC	242.96	
		78	78	TC	240.40	
		84	84	TC	220.72	
		90	90	TC	170.07	
		96	96	TC	132.09	
		102	102	TC	69.89	
		108	108	TC	31.65	
		114	114	TC	16.55	
		120	120	TC	11.62	
		126	126	TC	10.12	
		132	132	TC	9.56	
		138	138	TC	8.97	
		144	144	TC	9.00	
		150	150	TC	6.78	
		156	156	TC	6.54	
		162	162	TC	6.26	
		168	168	TC	6.16	
		174	174	TC	6.04	
		180	180	TC	5.77	
		186	186	TC	5.33	
		192	192	TC	7.41	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1359	I277,J280	0	0	TC	51.76	72
		6	6	TC	134.91	
		12	12	TC	387.54	
		18	18	TC	604.84	
		24	24	TC	506.46	
		30	30	TC	398.66	
		36	36	TC	271.19	
		42	42	TC	152.19	
		48	48	TC	52.96	
		54	54	TC	27.20	
		60	60	TC	17.91	
		66	66	TC	15.87	
		72	72	TC	13.44	
		78	78	TC	10.84	
		84	84	TC	10.13	
		90	90	TC	9.85	
		96	96	TC	9.60	
		102	102	TC	9.38	
		108	108	TC	8.28	
		114	114	TC	8.32	
		120	120	TC	9.55	
		126	126	TC	7.80	
		132	132	TC	6.96	
		138	138	TC	6.64	
		144	144	TC	6.52	
		150	150	TC	6.71	
		156	156	TC	6.18	
		162	162	TC	5.86	
		168	168	TC	5.64	
		174	174	TC	5.29	
		180	180	TC	4.93	
		186	186	TC	4.75	
		192	192	TC	4.43	
		198	198	TC	4.30	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1360	I180,J359	0	0	TC	42.86	162
		6	6	TC	97.18	
		12	12	TC	213.02	
		18	18	TC	290.01	
		24	24	TC	270.34	
		30	30	TC	248.10	
		36	36	TC	249.81	
		42	42	TC	265.21	
		48	48	TC	325.09	
		54	54	TC	373.85	
		60	60	TC	461.97	
		66	66	TC	504.75	
		72	72	TC	519.29	
		78	78	TC	497.05	
		84	84	TC	514.16	
		90	90	TC	472.24	
		96	96	TC	447.43	
		102	102	TC	428.61	
		108	108	TC	403.80	
		114	114	TC	414.92	
		120	120	TC	199.33	
		126	126	TC	52.19	
		132	132	TC	25.07	
		138	138	TC	18.39	
		144	144	TC	16.30	
		150	150	TC	15.27	
		156	156	TC	15.05	
		162	162	TC	14.00	
		168	168	TC	13.61	
		174	174	TC	13.38	
		180	180	TC	13.16	
		186	186	TC	13.08	
		192	192	TC	12.89	
		198	198	TC	12.58	
		204	204	TC	11.78	
		210	210	TC	11.27	
		216	216	TC	10.63	
		222	222	TC	10.98	
		228	228	TC	10.16	
		234	234	TC	11.16	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1361	L109,N035	0	0	TC	8.54	12
		0	6	OC	10.27	
		6	6	TC	7.46	
		6	12	OC	10.86	
		12	12	TC	8.09	
		18	18	TC	8.02	
		24	24	TC	8.79	
		30	30	TC	7.83	
		36	36	TC	6.64	
		42	42	TC	5.04	
		48	48	TC	4.76	
		54	54	TC	4.00	
		66	66	TC	3.23	
		78	78	TC	3.01	
		90	90	TC	2.88	
		102	102	TC	2.75	
R1362	L104,N056	0	0	TC	5.70	6
		0	6	OC	3.40	
		6	6	TC	4.17	
		12	12	TC	3.90	
		18	18	TC	3.79	
		24	24	TC	4.41	
		36	36	TC	4.69	
		48	48	TC	5.00	
		60	60	TC	4.57	
		72	72	TC	4.12	
		84	84	TC	3.89	
		96	96	TC	3.60	
		108	108	TC	3.82	
R1363	L123,N045	0	0	TC	9.31	12
		0	6	OC	19.93	
		6	6	TC	8.86	
		6	12	OC	12.80	
		12	12	TC	7.36	
		18	18	TC	4.98	
		24	24	TC	3.74	
		36	36	TC	3.26	
		48	48	TC	3.03	
		60	60	TC	3.25	
		72	72	TC	3.20	
		84	84	TC	3.10	
		96	96	TC	3.05	
		108	108	TC	2.89	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1364	L084,N030	0	0	TC	8.71	12
		0	6	OC	5.43	
		6	6	TC	5.53	
		6	12	OC	3.78	
		12	12	TC	4.47	
		18	18	TC	4.20	
		24	24	TC	4.59	
		30	30	TC	3.99	
		36	36	TC	4.03	
		42	42	TC	3.75	
		54	54	TC	3.47	
		66	66	TC	3.23	
		78	78	TC	3.03	
		90	90	TC	2.81	
		102	102	TC	3.29	
R1365	Q308,L091	0	0	TC	73.23	60
		6	6	TC	100.95	
		12	12	TC	102.06	
		18	18	TC	101.72	
		24	24	TC	95.56	
		30	30	TC	110.02	
		36	36	TC	140.30	
		42	42	TC	197.62	
		48	48	TC	151.34	
		54	54	TC	73.66	
R1366	T358,G010	0	6	OC	2.65	0
		6	12	OC	1.61	
R1367	T270,G086	0	6	OC	1.74	0
		6	12	OC	3.26	
R1368	T271,F448	0	6	OC	1.62	0
		6	12	OC	0.86	
R1369	T271,F361	0	6	OC	2.43	0
		6	12	OC	1.05	
R1370	T178,F361	0	6	OC	5.74	6
		6	12	OC	5.69	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1371	T180,F434	0	0	TC	5.33	66
		6	6	TC	4.59	
		12	12	TC	6.96	
		18	18	TC	6.18	
		24	24	TC	5.85	
		30	30	TC	7.81	
		36	36	TC	10.83	
		42	42	TC	18.63	
		48	48	TC	23.80	
		54	54	TC	29.31	
		60	60	TC	18.48	
		66	66	TC	10.69	
		72	72	TC	8.35	
		78	78	TC	7.87	
		84	84	TC	7.51	
		90	90	TC	7.92	
		96	96	TC	6.03	
		102	102	TC	4.59	
		108	108	TC	3.97	
R1372	T180,G089	0	6	OC	3.66	0
		6	12	OC	4.00	
R1373	T087,G001	0	0	TC	6.49	6
		6	6	TC	4.86	
		12	12	TC	3.79	
		18	18	TC	2.42	
		24	24	TC	2.19	
		30	30	TC	2.20	
R1374	T089,F359	0	0	TC	12.22	18
		6	6	TC	163.20	
		12	12	TC	89.07	
		18	18	TC	11.31	
		24	24	TC	3.59	
		30	30	TC	3.17	
R1375	T002,F267	0	0	TC	17.57	6
		6	6	TC	4.96	
		12	12	TC	3.25	
		18	18	TC	2.84	
		24	24	TC	2.45	
		30	30	TC	2.47	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1376	T001,F360	0	0	TC	5.87	42
		6	6	TC	4.87	
		12	12	TC	6.01	
		18	18	TC	6.30	
		24	24	TC	10.52	
		30	30	TC	15.76	
		36	36	TC	19.80	
		42	42	TC	5.63	
		48	48	TC	3.66	
		54	54	TC	3.02	
		60	60	TC	2.92	
		66	66	TC	2.87	
		72	72	TC	3.04	
		78	78	TC	2.85	
		84	84	TC	2.98	
		90	90	TC	2.93	
		96	96	TC	2.81	
		102	102	TC	3.01	
R1377	S358,F449	0	0	TC	4.84	6
		0	6	OC	8.96	
		6	6	TC	2.44	
		12	12	TC	2.37	
		18	18	TC	2.54	
		24	24	TC	2.37	
R1378	S267,F360	0	0	TC	12.06	12
		6	6	TC	21.68	
		12	12	TC	4.84	
		18	18	TC	2.97	
		24	24	TC	2.90	
		30	30	TC	3.15	
R1379	S272,F268	0	0	TC	7.51	48
		6	6	TC	9.27	
		12	12	TC	9.31	
		18	18	TC	11.20	
		24	24	TC	14.79	
		30	30	TC	14.39	
		36	36	TC	21.70	
		42	42	TC	18.40	
		48	48	TC	13.39	
		54	54	TC	8.24	
		60	60	TC	5.27	
		66	66	TC	4.42	
		72	72	TC	4.37	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1380	S179,F270	0	0	TC	107.28	18
		6	6	TC	78.35	
		12	12	TC	18.86	
		18	18	TC	7.40	
		24	24	TC	5.35	
		30	30	TC	5.27	
R1381	S179,F360	0	0	TC	5.09	12
		0	6	OC	13.41	
		6	6	TC	6.00	
		12	12	TC	6.32	
		18	18	TC	4.26	
		24	24	TC	4.01	
		30	30	TC	4.37	
R1382	S092,F358	0	0	TC	9.70	18
		6	6	TC	16.12	
		12	12	TC	29.11	
		18	18	TC	12.09	
		24	24	TC	7.49	
		30	30	TC	6.71	
		36	36	TC	6.21	
R1383	S089,F289	0	0	TC	7.95	24
		0	6	OC	7.90	
		6	6	TC	7.38	
		12	12	TC	9.20	
		18	18	TC	19.16	
		24	24	TC	9.31	
		30	30	TC	5.67	
		36	36	TC	4.19	
R1384	S089,F181	0	0	TC	6.13	6
		6	6	TC	3.48	
		12	12	TC	4.36	
		18	18	TC	3.25	
		24	24	TC	2.80	
		30	30	TC	2.95	
R1385	S002,F180	0	0	TC	2.23	6
		0	6	OC	8.05	
		6	6	TC	2.39	
		12	12	TC	2.24	
		18	18	TC	2.30	
		24	24	TC	2.23	
		30	30	TC	2.12	
		36	36	TC	1.89	
		42	42	TC	2.02	
		48	48	TC	2.17	
		54	54	TC	2.27	
		60	60	TC	2.50	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1386	R358,F271	0	0	TC	7.35	6
		6	6	TC	3.80	
		12	12	TC	3.09	
		18	18	TC	3.03	
		24	24	TC	2.60	
		30	30	TC	2.51	
R1387	R269,F267	0	0	TC	4.45	6
		0	6	OC	12.31	
		6	6	TC	2.84	
		12	12	TC	2.53	
		18	18	TC	2.66	
		24	24	TC	2.90	
		30	30	TC	3.01	
R1388	R270,F177	0	0	TC	11.48	6
		6	6	TC	4.68	
		12	12	TC	3.62	
		18	18	TC	2.77	
		24	24	TC	2.54	
		30	30	TC	2.71	
R1389	R267,F090	0	6	OC	22.96	6
		6	12	OC	9.56	
R1390	R178,F089	0	6	OC	9.38	6
		6	12	OC	10.44	
R1391	R179,F181	0	0	TC	15.77	12
		6	6	TC	14.56	
		12	12	TC	6.11	
		18	18	TC	3.84	
		24	24	TC	3.45	
		30	30	TC	2.93	
R1392	R088,F180	0	0	TC	12.52	12
		6	6	TC	10.63	
		12	12	TC	4.21	
		18	18	TC	3.21	
		24	24	TC	2.97	
		30	30	TC	2.75	
R1393	R086,F100	0	0	TC	11.02	12
		6	6	TC	9.22	
		12	12	TC	6.63	
		18	18	TC	4.31	
		24	24	TC	3.64	
		30	30	TC	3.19	
R1394	Q357,F000	0	6	OC	21.44	12
		6	12	OC	24.73	
		12	18	OC	4.40	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1395	Q358,F080	0	0	TC	10.08	12
		6	6	TC	13.72	
		12	12	TC	6.03	
		18	18	TC	6.23	
		24	24	TC	8.58	
		30	30	TC	8.60	
		36	36	TC	5.02	
		42	42	TC	3.46	
		48	48	TC	3.38	
		54	54	TC	3.14	
		60	60	TC	3.21	
		66	66	TC	3.10	
R1396	Q359,F178	0	0	TC	20.24	24
		6	6	TC	27.93	
		12	12	TC	32.40	
		18	18	TC	15.38	
		24	24	TC	6.58	
		30	30	TC	4.21	
		36	36	TC	3.75	
		42	42	TC	2.74	
		48	48	TC	2.64	
		54	54	TC	3.10	
		60	60	TC	3.59	
R1397	Q271,F098	0	0	TC	15.00	6
		6	6	TC	4.23	
		12	12	TC	2.46	
		18	18	TC	2.15	
		24	24	TC	2.26	
R1398	Q271,F000	0	6	OC	28.63	12
		6	12	OC	23.20	
		12	18	OC	11.09	
R1399	Q177,E449	0	6	OC	8.87	6
		6	12	OC	2.94	
R1400	Q181,F091	0	0	TC	19.60	12
		6	6	TC	5.79	
		12	12	TC	3.79	
		18	18	TC	3.61	
		24	24	TC	3.36	
		30	30	TC	3.14	
R1401	Q087,F093	0	0	TC	11.57	12
		6	6	TC	8.26	
		12	12	TC	4.83	
		18	18	TC	4.52	
		24	24	TC	3.88	
		30	30	TC	3.78	
		36	36	TC	4.44	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1402	Q088,E448	0	0	TC	9.69	6
		6	6	TC	4.78	
		12	12	TC	3.35	
		18	18	TC	3.48	
		24	24	TC	3.54	
		30	30	TC	3.67	
R1403	P358,F000	0	0	TC	11.07	12
		6	6	TC	6.03	
		12	12	TC	3.97	
		18	18	TC	3.41	
		24	24	TC	3.38	
		30	30	TC	3.72	
R1404	Q000,F089	0	0	TC	13.95	12
		6	6	TC	12.03	
		12	12	TC	6.27	
		18	18	TC	5.29	
		24	24	TC	5.89	
		30	30	TC	5.59	
		36	36	TC	5.06	
		42	42	TC	5.04	
		48	48	TC	4.67	
R1405	P271,F097	0	0	TC	13.38	12
		6	6	TC	5.32	
		12	12	TC	4.18	
		18	18	TC	4.32	
		24	24	TC	4.44	
		30	30	TC	4.19	
R1406	P268,F000	0	0	TC	17.00	6
		6	6	TC	2.24	
		12	12	TC	2.03	
		18	18	TC	2.07	
		24	24	TC	1.99	
		30	30	TC	2.02	
R1407	P179,F001	0	6	OC	15.71	6
		6	12	OC	7.37	
R1408	P173,F070	0	0	TC	34.13	12
		6	6	TC	19.46	
		12	12	TC	8.40	
		18	18	TC	3.66	
		24	24	TC	2.81	
		30	30	TC	2.77	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1409	P178,F178	0	0	TC	9.17	6
		6	6	TC	4.29	
		12	12	TC	3.49	
		18	18	TC	3.40	
		24	24	TC	3.25	
		30	30	TC	3.61	
R1410	P087,F179	0	0	TC	13.17	12
		6	6	TC	9.48	
		12	12	TC	6.53	
R1411	P087,F088	0	0	TC	11.17	12
		6	6	TC	5.72	
		12	12	TC	4.49	
		18	18	TC	4.01	
		24	24	TC	4.08	
		30	30	TC	4.05	
R1412	P009,F089	0	0	TC	11.31	6
		6	6	TC	4.42	
		12	12	TC	4.03	
		18	18	TC	4.00	
		24	24	TC	3.80	
R1413	O356,F181	0	0	TC	10.03	6
		6	6	TC	3.95	
		12	12	TC	3.19	
		18	18	TC	3.53	
		24	24	TC	3.69	
		30	30	TC	3.64	
R1414	O269,F267	0	0	TC	12.92	6
		6	6	TC	4.84	
		12	12	TC	4.01	
		18	18	TC	4.11	
		24	24	TC	4.05	
		30	30	TC	3.67	
R1415	O266,F177	0	0	TC	9.28	6
		6	6	TC	4.84	
		12	12	TC	4.19	
		18	18	TC	4.08	
		24	24	TC	3.98	
		30	30	TC	4.11	
R1416	O268,F092	0	6	OC	20.42	6
		6	12	OC	8.48	
R1417	O181,F179	0	6	OC	33.62	12
		6	12	OC	15.66	
		12	18	OC	7.83	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1418	O183,F270	0	0	TC	6.60	12
		6	6	TC	5.17	
		12	12	TC	3.57	
		18	18	TC	3.14	
		24	24	TC	3.10	
		30	30	TC	2.99	
		36	36	TC	2.77	
		42	42	TC	2.45	
		48	48	TC	2.27	
R1419	O178,F357	0	0	TC	8.74	12
		6	6	TC	7.62	
		12	12	TC	4.60	
		18	18	TC	3.71	
		24	24	TC	3.17	
		30	30	TC	3.18	
R1420	O089,F358	0	0	TC	13.12	12
		6	6	TC	5.51	
		12	12	TC	3.51	
		18	18	TC	3.59	
		24	24	TC	3.45	
		30	30	TC	3.43	
R1421	O087,F268	0	6	OC	27.58	6
		6	12	OC	7.35	
R1422	O003,F360	0	0	TC	5.90	6
		6	6	TC	4.80	
		12	12	TC	3.25	
		18	18	TC	2.94	
		24	24	TC	2.63	
		30	30	TC	2.81	
		36	36	TC	2.88	
R1423	O003,G000	0	0	TC	20.24	12
		6	6	TC	7.30	
		12	12	TC	5.95	
		18	18	TC	4.62	
		24	24	TC	4.11	
R1424	N271,G089	0	0	TC	10.05	6
		6	6	TC	3.56	
		12	12	TC	3.32	
		18	18	TC	3.13	
		24	24	TC	3.46	
		30	30	TC	3.43	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1425	N269,F440	0	0	TC	6.79	6
		6	6	TC	4.12	
		12	12	TC	3.99	
		18	18	TC	3.73	
		24	24	TC	3.71	
		30	30	TC	3.58	
		36	36	TC	3.83	
R1426	N270,F358	0	0	TC	9.70	12
		6	6	TC	8.62	
		12	12	TC	3.14	
		18	18	TC	2.53	
		24	24	TC	2.16	
		30	30	TC	2.22	
		36	36	TC	2.22	
R1427	N176,F448	0	6	OC	26.19	6
		6	12	OC	14.14	
R1428	N182,G105	0	0	TC	8.51	12
		6	6	TC	5.51	
		12	12	TC	4.49	
		18	18	TC	4.11	
		24	24	TC	4.22	
		30	30	TC	3.82	
		36	36	TC	3.66	
R1429	N181,G179	0	0	TC	11.30	12
		6	6	TC	6.40	
		12	12	TC	5.84	
		18	18	TC	4.93	
		24	24	TC	4.75	
		30	30	TC	4.36	
		36	36	TC	4.63	
R1430	N089,G268	0	0	TC	7.73	12
		6	6	TC	5.15	
		12	12	TC	3.52	
		18	18	TC	3.32	
		24	24	TC	3.30	
		30	30	TC	3.11	
		36	36	TC	2.95	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1431	N089,G181	0	0	TC	8.90	12
		6	6	TC	5.03	
		12	12	TC	3.80	
		18	18	TC	4.25	
		24	24	TC	6.84	
		30	30	TC	6.07	
		36	36	TC	3.94	
		42	42	TC	3.78	
		48	48	TC	3.62	
		54	54	TC	3.99	
		60	60	TC	4.06	
		66	66	TC	3.94	
		72	72	TC	3.88	
		78	78	TC	4.06	
		84	84	TC	4.45	
		90	90	TC	4.65	
		96	96	TC	4.83	
		102	102	TC	4.77	
R1432	N087,G091	0	6	OC	36.17	6
		6	12	OC	6.17	
R1433	M359,G178	0	6	OC	10.81	12
		6	12	OC	29.87	
		12	18	SS	5.82	
		12	18	OC	13.31	
R1434	N000,G267	0	6	OC	6.49	6
		6	12	OC	4.94	
R1435	M359,G358	0	0	TC	11.12	12
		6	6	TC	7.17	
		12	12	TC	11.05	
		18	18	TC	7.87	
		24	24	TC	6.88	
		30	30	TC	4.75	
R1436	M275,G363	0	0	TC	16.58	18
		6	6	TC	9.69	
		12	12	TC	17.39	
		18	18	TC	13.88	
		24	24	TC	10.92	
		30	30	TC	5.28	
R1437	M270,G270	0	0	TC	10.43	18
		0	6	SS	18.20	
		0	6	OC	33.92	
		6	6	TC	12.53	
		6	12	OC	29.90	
		12	12	TC	20.24	
		18	18	TC	13.53	
		24	24	TC	13.56	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1438	M179,G363	0	0	TC	7.58	12
		6	6	TC	5.03	
		12	12	TC	4.94	
		18	18	TC	4.17	
		24	24	TC	5.00	
		30	30	TC	3.27	
		36	36	TC	2.74	
		42	42	TC	2.46	
		48	48	TC	2.28	
		54	54	TC	2.18	
		60	60	TC	2.07	
		66	66	TC	1.90	
		72	72	TC	2.02	
		78	78	TC	2.12	
		84	84	TC	2.04	
		90	90	TC	1.93	
		96	96	TC	2.10	
		102	102	TC	1.99	
		108	108	TC	2.11	
R1439	M191,H002	0	0	TC	19.10	18
		6	6	TC	15.18	
		12	12	TC	30.43	
		18	18	TC	14.29	
		24	24	TC	10.70	
		30	30	TC	7.51	
		36	36	TC	6.91	
R1440	M090,H088	0	0	TC	11.10	12
		6	6	TC	5.09	
		12	12	TC	3.98	
		18	18	TC	3.38	
		24	24	TC	3.01	
		30	30	TC	2.63	
R1441	M086,G437	0	0	TC	15.65	12
		6	6	TC	19.18	
		12	12	TC	6.44	
		18	18	TC	5.04	
		24	24	TC	4.49	
		30	30	TC	4.58	
R1442	M089,G359	0	6	SS	25.40	12
		0	6	OC	41.07	
		6	12	OC	20.82	
		12	18	OC	5.98	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1443	M004,H003	0	0	TC	20.81	12
		6	6	TC	18.25	
		12	12	TC	12.13	
		18	18	TC	5.46	
		24	24	TC	5.10	
		30	30	TC	4.84	
R1444	M001,H104	0	0	TC	6.43	12
		6	6	TC	7.08	
		12	12	TC	3.87	
		18	18	TC	2.68	
		24	24	TC	2.37	
		30	30	TC	2.16	
		36	36	TC	2.02	
R1445	L356,H177	0	0	TC	14.53	12
		6	6	TC	6.31	
		12	12	TC	5.80	
		18	18	TC	3.28	
		24	24	TC	3.02	
		30	30	TC	2.70	
R1446	L270,H266	0	0	TC	10.86	6
		6	6	TC	4.86	
		12	12	TC	3.79	
		18	18	TC	3.04	
		24	24	TC	2.24	
		30	30	TC	2.23	
R1447	L272,H179	0	0	TC	12.03	12
		6	6	TC	7.66	
		12	12	TC	3.61	
		18	18	TC	3.73	
		24	24	TC	2.96	
		30	30	TC	2.92	
R1448	L275,H096	0	0	TC	25.19	12
		6	6	TC	7.17	
		12	12	TC	4.62	
		18	18	TC	3.53	
		24	24	TC	3.17	
		30	30	TC	2.84	
R1449	L183,H181	0	0	TC	25.84	12
		6	6	TC	9.82	
		12	12	TC	4.26	
		18	18	TC	2.71	
		24	24	TC	2.34	
		30	30	TC	2.47	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1450	L182,H270	0	0	TC	8.91	6
		6	6	TC	4.80	
		12	12	TC	3.99	
		18	18	TC	2.93	
		24	24	TC	2.25	
		30	30	TC	2.21	
R1451	L092,H358	0	0	TC	7.90	6
		6	6	TC	4.30	
		12	12	TC	3.67	
		18	18	TC	2.97	
		24	24	TC	2.69	
		30	30	TC	1.96	
R1452	L092,H270	0	0	TC	18.95	12
		6	6	TC	16.21	
		12	12	TC	5.04	
		18	18	TC	2.78	
		24	24	TC	2.55	
		30	30	TC	2.61	
R1453	K359,H272	0	6	OC	33.54	6
		6	12	OC	12.08	
R1454	K359,H356	0	0	TC	7.31	6
		6	6	TC	4.75	
		12	12	TC	3.31	
		18	18	TC	2.85	
		24	24	TC	2.34	
		30	30	TC	2.27	
		36	36	TC	2.40	
R1455	L003,H449	0	0	TC	13.18	12
		6	6	TC	6.97	
		12	12	TC	9.05	
		18	18	TC	2.93	
		24	24	TC	3.67	
		30	30	TC	2.58	
R1456	K270,I092	0	0	TC	5.64	6
		6	6	TC	4.52	
		12	12	TC	2.19	
		18	18	TC	2.23	
		24	24	TC	2.32	
		30	30	TC	2.34	
R1457	K271,I021	0	0	TC	11.60	12
		6	6	TC	10.44	
		12	12	TC	3.32	
		18	18	TC	2.41	
		24	24	TC	2.40	
		30	30	TC	2.26	
		36	36	TC	2.22	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1458	K180,I001	0	6	OC	69.91	12
		6	12	OC	59.49	
		12	18	OC	5.05	
R1459	K179,I094	0	0	TC	7.37	12
		6	6	TC	6.16	
		12	12	TC	3.39	
		18	18	TC	2.55	
		24	24	TC	2.36	
		30	30	TC	2.43	
		36	36	TC	2.50	
R1460	K179,I180	0	0	TC	12.00	12
		6	6	TC	7.90	
		12	12	TC	3.85	
		18	18	TC	3.01	
		24	24	TC	2.21	
		30	30	TC	2.22	
		36	36	TC	2.09	
		42	42	TC	2.03	
		48	48	TC	2.12	
		54	54	TC	2.08	
		60	60	TC	2.15	
		66	66	TC	2.28	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1461	K091,I268	0	0	TC	12.86	48
		6	6	TC	22.59	
		12	12	TC	91.80	
		18	18	TC	310.55	
		24	24	TC	248.10	
		30	30	TC	112.84	
		36	36	TC	34.48	
		42	42	TC	15.59	
		48	48	TC	12.34	
		54	54	TC	11.15	
		60	60	TC	10.62	
		66	66	TC	10.13	
		72	72	TC	9.98	
		78	78	TC	9.75	
		84	84	TC	9.36	
		90	90	TC	8.90	
		96	96	TC	9.15	
		102	102	TC	8.26	
		108	108	TC	8.10	
		114	114	TC	7.73	
		120	120	TC	7.60	
		126	126	TC	7.13	
		132	132	TC	7.03	
		138	138	TC	6.70	
		144	144	TC	6.55	
		150	150	TC	6.45	
		156	156	TC	6.31	
		162	162	TC	6.14	
		168	168	TC	5.94	
		174	174	TC	5.87	
		180	180	TC	6.15	
R1462	K085,I177	0	0	TC	8.73	12
		6	6	TC	6.47	
		12	12	TC	3.41	
		18	18	TC	2.34	
		24	24	TC	2.28	
		30	30	TC	2.47	
		36	36	TC	2.45	
R1463	K089,I090	0	6	OC	29.81	6
		6	12	OC	10.79	
R1464	K000,I178	0	6	OC	3.74	0
		6	12	OC	2.62	
R1465	K019,I284	0	0	TC	14.27	12
		6	6	TC	6.97	
		12	12	TC	3.69	
		18	18	TC	3.38	
		24	24	TC	3.00	
		30	30	TC	3.79	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1466	J275,I369	0	0	TC	10.00	6
		6	6	TC	3.96	
		12	12	TC	3.12	
		18	18	TC	2.64	
		24	24	TC	2.41	
		36	36	TC	2.29	
		48	48	TC	2.31	
		60	60	TC	2.45	
		72	72	TC	2.50	
		84	84	TC	2.53	
		96	96	TC	2.32	
		102	102	TC	2.61	
R1467	J269,I269	0	0	TC	7.62	12
		6	6	TC	6.87	
		12	12	TC	5.15	
		18	18	TC	3.13	
		24	24	TC	2.90	
		30	30	TC	2.69	
R1468	J271,I180	0	6	OC	21.84	6
		6	12	OC	8.93	
R1469	J184,I266	0	6	OC	38.19	12
		6	12	OC	18.09	
		12	18	OC	0.63	
R1470	J178,I351	0	0	TC	5.87	12
		6	6	TC	5.59	
		12	12	TC	3.97	
		18	18	TC	3.89	
		24	24	TC	3.40	
		30	30	TC	3.44	
		36	36	TC	3.54	
R1471	J182,J002	0	0	TC	14.53	18
		6	6	TC	25.06	
		12	12	TC	18.60	
		18	18	TC	9.77	
		24	24	TC	3.43	
		36	36	TC	2.46	
		48	48	TC	2.24	
		60	60	TC	2.37	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1472	J086,J088	0	0	TC	9.38	6
		6	6	TC	3.51	
		12	12	TC	3.41	
		18	18	TC	2.28	
		24	24	TC	2.60	
		36	36	TC	2.08	
		48	48	TC	2.07	
		60	60	TC	2.16	
		72	72	TC	2.34	
		84	84	TC	2.18	
		90	90	TC	2.45	
R1473	J089,I424	0	0	TC	12.26	12
		6	6	TC	9.59	
		12	12	TC	6.42	
		18	18	TC	5.09	
		24	24	TC	4.49	
		30	30	TC	3.97	
		36	36	TC	3.61	
R1474	J087,I357	0	6	OC	11.75	6
		6	12	OC	5.02	
R1475	I358,I446	0	6	OC	26.61	12
		6	12	OC	15.26	
		12	18	OC	4.01	
R1476	J001,J090	0	0	TC	12.64	12
		6	6	TC	13.84	
		12	12	TC	3.60	
		18	18	TC	2.79	
		24	24	TC	2.71	
		30	30	TC	2.86	
R1477	I358,J179	0	0	TC	28.02	36
		6	6	TC	23.80	
		12	12	TC	13.78	
		18	18	TC	16.24	
		24	24	TC	22.98	
		30	30	TC	18.14	
		36	36	TC	9.50	
		42	42	TC	4.10	
		54	54	TC	2.39	
		66	66	TC	2.61	
		78	78	TC	2.52	
		90	90	TC	2.48	
		96	96	TC	2.91	
		102	102	TC		

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1478	I270,J179	0	0	TC	11.62	12
		6	6	TC	7.58	
		12	12	TC	11.70	
		18	18	TC	3.16	
		24	24	TC	3.03	
		30	30	TC	2.29	
R1479	I270,J101	0	6	OC	2.06	0
		6	12	OC	3.65	
R1480	I180,J179	0	6	OC	7.33	6
		6	12	OC	7.41	
R1481	I178,J267	0	0	TC	6.84	12
		6	6	TC	5.12	
		12	12	TC	2.64	
		18	18	TC	2.03	
		24	24	TC	1.85	
		30	30	TC	1.85	
R1482	I095,J371	0	0	TC	28.30	12
		6	6	TC	12.50	
		12	12	TC	4.32	
		18	18	TC	3.01	
		24	24	TC	2.60	
		36	36	TC	2.71	
		48	48	TC	3.87	
		60	60	TC	2.54	
R1483	I092,J269	0	0	TC	5.91	6
		6	6	TC	3.88	
		12	12	TC	2.73	
		18	18	TC	2.27	
		24	24	TC	2.09	
		30	30	TC	1.81	
		36	36	TC	1.95	
R1484	H357,J269	0	6	SS	1.42	0
		0	6	OC	2.62	
		6	12	OC	2.11	
R1485	I001,J383	0	0	TC	9.03	12
		6	6	TC	5.54	
		12	12	TC	3.32	
		18	18	TC	3.07	
		24	24	TC	2.70	
		30	30	TC	2.46	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1486	I001,K005	0	0	TC	80.78	12
		6	6	TC	19.83	
		12	12	TC	6.34	
		18	18	TC	2.85	
		24	24	TC	2.63	
		36	36	TC	2.49	
		48	48	TC	2.24	
		60	60	TC	2.24	
R1487	H271,K087	0	0	TC	28.25	12
		6	6	TC	7.28	
		12	12	TC	2.96	
		18	18	TC	2.75	
		24	24	TC	2.19	
		36	36	TC	2.10	
		48	48	TC	2.01	
		60	60	TC	1.94	
		66	66	TC	2.11	
R1488	H272,K002	0	0	TC	12.94	12
		6	6	TC	13.67	
		12	12	TC	3.67	
		18	18	TC	3.05	
		24	24	TC	2.68	
		30	30	TC	2.40	
R1489	H268,J362	0	6	OC	24.16	12
		6	12	OC	23.88	
		12	18	OC	2.11	
R1490	T122,F444	0	0	TC	5.27	60
		6	6	TC	4.14	
		12	12	TC	5.70	
		18	18	TC	7.13	
		24	24	TC	6.56	
		30	30	TC	8.01	
		36	36	TC	6.33	
		42	42	TC	5.89	
		48	48	TC	12.71	
		54	54	TC	15.74	
		60	60	TC	7.83	
		66	66	TC	9.77	
		72	72	TC	10.68	
		78	78	TC	9.09	
		84	84	TC	11.72	
		90	90	TC	7.99	
		96	96	TC	4.50	
		102	102	TC	3.41	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1491	Q314,F133	0	0	TC	13.69	12
		6	6	TC	7.61	
		12	12	TC	5.87	
		18	18	TC	3.80	
		24	24	TC	2.69	
		30	30	TC	2.30	
		36	36	TC	2.09	
		42	42	TC	2.17	
		48	48	TC	2.15	
		54	54	TC	2.32	
R1492	Q194,F120	0	0	TC	10.40	36
		6	6	TC	4.86	
		12	12	TC	4.13	
		18	18	TC	7.10	
		24	24	TC	31.21	
		30	30	TC	21.23	
		36	36	TC	5.90	
		42	42	TC	5.79	
		48	48	TC	7.15	
		54	54	TC	6.55	
		60	60	TC	5.09	
R1493	Q089,F127	0	0	TC	14.34	12
		6	6	TC	6.81	
		12	12	TC	7.31	
		18	18	TC	8.01	
		24	24	TC	9.23	
		30	30	TC	4.78	
		36	36	TC	4.22	
		42	42	TC	4.73	
		48	48	TC	4.88	
		54	54	TC	4.76	
		60	60	TC	4.81	
R1494	P269,F152	0	0	TC	21.46	12
		6	6	TC	13.87	
		12	12	TC	9.28	
		18	18	TC	9.59	
		24	24	TC	7.48	
		30	30	TC	7.28	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1495	K135,I225	0	0	TC	11.55	60
		6	6	TC	16.16	
		12	12	TC	26.43	
		18	18	TC	16.11	
		24	24	TC	18.22	
		30	30	TC	14.53	
		36	36	TC	16.86	
		42	42	TC	33.36	
		48	48	TC	63.82	
		54	54	TC	26.95	
		60	60	TC	9.14	
		66	66	TC	4.64	
		72	72	TC	3.42	
		78	78	TC	3.06	
		84	84	TC	2.79	
		90	90	TC	2.82	
		102	102	TC	3.00	
R1496	K090,I237	0	0	TC	10.78	24
		6	6	TC	14.60	
		12	12	TC	21.46	
		18	18	TC	16.42	
		24	24	TC	11.51	
		30	30	TC	4.21	
		36	36	TC	3.15	
		42	42	TC	2.61	
		48	48	TC	2.56	
		54	54	TC	2.45	
		60	60	TC	2.87	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1497	J297,I382	0	0	TC	26.64	138
		6	6	TC	84.85	
		12	12	TC	229.84	
		18	18	TC	372.23	
		24	24	TC	293.56	
		30	30	TC	202.69	
		36	36	TC	162.87	
		42	42	TC	189.20	
		48	48	TC	244.47	
		54	54	TC	283.15	
		60	60	TC	326.72	
		66	66	TC	103.38	
		72	72	TC	45.19	
		78	78	TC	40.80	
		84	84	TC	33.97	
		90	90	TC	26.02	
		96	96	TC	21.49	
		102	102	TC	20.33	
		108	108	TC	18.56	
		114	114	TC	18.17	
		120	120	TC	16.47	
		126	126	TC	15.46	
		132	132	TC	15.05	
		138	138	TC	13.91	
		144	144	TC	13.10	
		150	150	TC	12.74	
		156	156	TC	12.29	
		162	162	TC	12.09	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1498	K005,I320	0	0	TC	15.89	132
		6	6	TC	40.21	
		12	12	TC	174.52	
		18	18	TC	276.33	
		24	24	TC	398.66	
		30	30	TC	427.75	
		36	36	TC	398.66	
		42	42	TC	354.18	
		48	48	TC	349.04	
		54	54	TC	405.51	
		60	60	TC	382.24	
		66	66	TC	318.76	
		72	72	TC	174.78	
		78	78	TC	63.39	
		84	84	TC	32.77	
		90	90	TC	23.53	
		96	96	TC	21.56	
		102	102	TC	20.28	
		108	108	TC	19.51	
		114	114	TC	18.74	
		120	120	TC	16.81	
		126	126	TC	15.99	
		132	132	TC	14.91	
		138	138	TC	14.25	
		144	144	TC	13.11	
		150	150	TC	12.21	
R1499	N297,N410	0	12	OC	24.20	12
		12	24	OC	12.96	
		24	36	OC	7.78	
		36	54	SS	2.87	
		36	54	OC	6.49	
		54	72	OC	3.67	
		72	90	OC	13.03	
		90	108	OC	2.87	
		108	126	OC	0.11	
		114	162	SS	6.61	
		126	144	OC	5.96	
		144	162	OC	11.41	
		162	180	SS	0.47	
		162	180	OC	2.81	
R1500	S186,F179	0	6	OC	7.31	6
R1501	S182,F091	0	6	OC	3.04	0
R1502	S051,F090	0	6	OC	3.74	0
R1503	S002,F091	0	6	OC	2.58	0

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1504	S185,E449	0	0	TC	4.39	12
		0	6	OC	6.19	
		6	6	TC	7.63	
		12	12	TC	5.71	
		18	18	TC	3.86	
		24	24	TC	2.23	
		30	30	TC	2.06	
R1505	S100,E448	0	0	TC	4.78	12
		0	6	OC	4.11	
		6	6	TC	5.12	
		12	12	TC	4.73	
		18	18	TC	5.58	
		24	24	TC	6.39	
		30	30	TC	7.17	
		36	36	TC	4.60	
		42	42	TC	3.20	
		54	54	TC	2.19	
		60	60	TC	2.23	
R1506	R357,F000	0	6	OC	2.95	0
R1507	R359,E270	0	6	OC	4.25	0
R1508	R358,E359	0	6	OC	0.34	0
R1509	S180,E362	0	6	OC	5.47	6
R1510	S091,E358	0	6	OC	6.92	12
		6	12	OC	20.56	
R1511	S090,E268	0	6	OC	10.36	6
R1512	S180,E179	0	6	OC	12.08	6
		6	12	OC	4.33	
R1513	S179,E274	0	6	OC	6.31	6
R1514	S089,E182	0	6	OC	8.10	6
R1515	R354,E178	0	6	OC	8.81	6
R1516	S295,M405	0	0	TC	11.91	12
		6	6	TC	9.20	
		12	12	TC	12.14	
		18	18	TC	4.39	
		24	24	TC	2.84	
		30	30	TC	2.06	
		36	36	TC	1.88	
		42	42	TC	1.79	
		48	48	TC	1.78	
		54	54	TC	1.91	
		60	60	TC	1.77	
		66	66	TC	2.21	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1517	S299,M294	0	0	TC	7.31	48
		6	6	TC	9.62	
		12	12	TC	8.65	
		18	18	TC	14.78	
		24	24	TC	12.01	
		30	30	TC	15.85	
		36	36	TC	19.21	
		42	42	TC	19.86	
		48	48	TC	9.79	
		54	54	TC	4.17	
		66	66	TC	2.87	
		78	78	TC	2.85	
		90	90	TC	2.72	
		102	102	TC	2.67	
		114	114	TC	2.50	
R1518	S302,M222	0	0	TC	19.02	12
		6	6	TC	20.30	
		12	12	TC	9.23	
		18	18	TC	4.23	
		24	24	TC	2.41	
		30	30	TC	2.30	
		36	36	TC	2.14	
		48	48	TC	2.17	
		60	60	TC	2.76	
R1519	K351,M423	0	6	OC	20.18	6
R1520	K246,M378	0	6	OC	16.15	6
R1521	K167,M346	0	6	OC	22.22	6
R1522	K088,M325	0	6	OC	6.85	6
R1523	J341,M269	0	6	OC	2.80	0
R1524	K153,M369	0	6	OC	10.90	6
R1525	M356,N317	0	6	OC	2.70	0
R1526	M218,N252	0	6	OC	3.96	0
R1527	M087,N178	0	6	OC	5.50	6
R1528	L346,N126	0	6	OC	20.29	6
R1529	L231,N068	0	6	OC	4.85	0
R1530	M084,N205	0	6	OC	2.71	0
R1531	S089,E080	0	6	OC	5.05	6
R1532	S180,E088	0	6	OC	3.22	0
R1533	R267,E267	0	6	OC	10.11	6
R1534	R180,E270	0	6	OC	2.81	0
R1535	R269,E179	0	6	OC	8.82	6

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1536	R181,E358	0	6	OC	4.39	0
R1537	R269,E359	0	6	OC	3.12	0
R1538	R269,E449	0	6	OC	4.82	0
R1539	R179,E448	0	6	OC	14.06	6
R1540	R089,E449	0	6	OC	18.50	6
		6	12	OC	5.84	
		12	18	OC	4.46	
R1541	R088,E359	0	6	OC	8.26	6
R1542	R089,E270	0	6	OC	11.50	6
		6	12	OC	6.78	
R1543	R179,E180	0	6	OC	18.81	6
R1544	R090,E178	0	6	OC	14.50	6
R1545	Q358,E181	0	6	OC	7.01	6
		6	12	OC	8.74	
		12	18	OC	8.91	
R1546	Q359,E269	0	6	OC	24.40	6
R1547	Q358,E356	0	6	OC	3.18	0
R1548	Q178,E386	0	6	OC	17.74	6
R1549	Q089,E360	0	6	OC	48.80	6
R1550	P359,E360	0	6	OC	8.78	18
		6	12	OC	25.68	
		12	18	OC	22.49	
R1551	P270,E357	0	6	OC	6.15	18
		6	12	OC	8.82	
		12	18	OC	20.64	
R1552	P177,E383	0	6	OC	2.60	0
R1553	P092,E448	0	6	OC	17.87	12
		6	12	OC	24.00	
R1554	O359,E449	0	6	OC	4.89	0
R1555	Q270,E335	0	6	OC	17.63	6
		6	12	OC	6.58	
R1556	Q183,E270	0	6	OC	7.44	6
		6	12	OC	8.55	
R1557	Q090,E259	0	6	OC	10.11	6
R1558	P359,E244	0	6	OC	31.01	12
		6	12	OC	26.81	
R1559	P268,E224	0	6	OC	8.67	6
R1560	P178,E234	0	6	OC	25.93	6

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1561	P105,E285	0	6	OC	21.43	12
		6	12	OC	17.85	
R1562	P001,E313	0	0	TC	9.61	30
		0	6	OC	17.21	
		6	6	TC	19.03	
		6	12	OC	35.22	
		12	12	TC	15.56	
		12	18	OC	34.50	
		18	18	TC	13.53	
		24	24	TC	16.62	
		30	30	TC	7.34	
		36	36	TC	4.65	
		42	42	TC	4.18	
R1563	P001,E269	0	6	OC	36.98	6
R1564	O269,E258	0	6	OC	9.91	6
R1565	O181,E269	0	0	TC	4.58	6
		0	6	OC	34.37	
		6	6	TC	4.26	
		12	12	TC	4.20	
		18	18	TC	4.12	
		24	24	TC	3.93	
		30	30	TC	3.88	
		36	36	TC	3.60	
		42	42	TC	3.30	
R1566	O091,E359	0	6	OC	7.11	6
R1567	O000,E358	0	6	OC	27.06	6
R1568	N272,E359	0	6	OC	10.00	6
R1569	N181,E359	0	6	OC	3.40	0
R1570	N088,F030	0	6	OC	5.58	6
		6	12	OC	12.30	
R1571	N180,F000	0	6	OC	11.73	6
R1572	N270,F000	0	6	OC	5.79	6
R1573	Q269,E269	0	6	OC	2.61	0
R1574	O270,E357	0	6	OC	5.53	6
R1575	O187,E350	0	6	OC	3.70	0
R1576	O178,F001	0	6	OC	22.46	6
R1577	O270,E449	0	6	OC	16.61	6
		6	12	OC	8.31	
R1578	O179,F088	0	6	OC	65.41	6
R1579	O089,F088	0	6	OC	34.75	6

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1580	O090,E449	0	6	OC	8.28	6
R1581	O003,F017	0	6	OC	2.18	0
R1582	O002,F090	0	6	OC	23.63	6
R1583	O091,F180	0	6	OC	16.58	6
R1584	O000,F178	0	6	OC	76.80	6
		6	12	OC	11.28	
R1585	O000,F269	0	6	OC	69.34	6
R1586	N271,F270	0	6	OC	42.06	6
R1587	N270,F181	0	6	OC	9.73	6
R1588	N270,F090	0	6	OC	8.77	6
R1589	N178,F089	0	6	OC	14.82	6
R1590	N178,F179	0	6	OC	25.99	6
R1591	N181,F269	0	6	OC	49.47	6
R1592	N180,F359	0	6	OC	86.91	6
		0	6	OC	23.09	
R1593	N091,F358	0	6	OC	9.94	12
		6	12	OC	15.19	
R1594	N107,G005	0	6	OC	12.43	12
		6	12	OC	21.80	
R1595	N090,F271	0	6	OC		12
		0	6	OC	21.63	
		6	12	OC	17.71	
R1596	N091,F180	0	6	OC	44.44	6
R1597	N089,F090	0	6	OC	35.58	6
R1598	N015,F269	0	6	OC	3.49	0
R1599	M358,F360	0	6	OC	8.74	6
R1600	M358,F449	0	6	OC	10.16	6
R1601	M359,G087	0	6	OC	46.88	6
R1602	N092,E175	0	0	TC	2.96	0
		6	6	TC	3.37	
		12	12	TC	3.70	
		18	18	TC	3.57	
		24	24	TC	3.19	
		30	30	TC	3.30	
		36	36	TC	3.84	
		42	42	TC	3.88	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1603	N182,E270	0	0	TC	3.71	0
		6	6	TC	3.02	
		12	12	TC	2.78	
		18	18	TC	2.81	
		24	24	TC	2.78	
		30	30	TC	2.91	
		36	36	TC	3.10	
		42	42	TC	3.60	
R1604	N179,E180	0	0	TC	3.68	0
		6	6	TC	4.37	
		12	12	TC	4.83	
		18	18	TC	4.88	
		24	24	TC	4.93	
		30	30	TC	5.21	
		36	36	TC	5.03	
		42	42	TC	5.17	
R1605	N267,E175	0	0	TC	4.94	0
		6	6	TC	4.43	
		12	12	TC	5.94	
		18	18	TC	6.03	
		24	24	TC	5.66	
		30	30	TC	5.55	
		36	36	TC	5.06	
		42	42	TC	5.05	
R1606	N268,E267	0	0	TC	4.76	0
		6	6	TC	4.32	
		12	12	TC	4.05	
		18	18	TC	3.98	
		24	24	TC	4.07	
		30	30	TC	3.99	
		36	36	TC	4.00	
		42	42	TC	3.91	
R1607	N359,E267	0	0	TC	3.76	0
		6	6	TC	4.35	
		12	12	TC	5.23	
		18	18	TC	6.16	
		24	24	TC	6.13	
		30	30	TC	5.07	
		36	36	TC	3.65	
		42	42	TC	3.13	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1608	O001,E172	0	0	TC	3.58	12
		6	6	TC	5.06	
		12	12	TC	6.05	
		18	18	TC	6.57	
		24	24	TC	7.25	
		30	30	TC	8.97	
		36	36	TC	5.90	
		42	42	TC	5.98	
R1609	O090,E182	0	0	TC	4.52	12
		6	6	TC	5.28	
		12	12	TC	4.09	
		18	18	TC	3.36	
		24	24	TC	3.47	
		30	30	TC	2.99	
		36	36	TC	2.79	
R1610	O088,E267	0	0	TC	5.04	12
		6	6	TC	6.29	
		12	12	TC	4.60	
		18	18	TC	4.05	
		24	24	TC	3.87	
		30	30	TC	3.97	
		36	36	TC	3.82	
		42	42	TC	3.52	
R1611	O178,E180	0	0	TC	5.07	12
		6	6	TC	5.46	
		12	12	TC	3.92	
		18	18	TC	3.60	
		24	24	TC	3.53	
		30	30	TC	3.58	
		36	36	TC	3.54	
R1612	O268,E179	0	0	TC	3.96	0
		6	6	TC	4.43	
		12	12	TC	5.17	
		18	18	TC	3.36	
		24	24	TC	3.42	
		30	30	TC	3.55	
		36	36	TC	0.37	
R1613	O358,E180	0	0	TC	17.16	12
		6	6	TC	21.32	
		12	12	TC	7.31	
		18	18	TC	4.70	
		24	24	TC	4.21	
		30	30	TC	4.22	
		36	36	TC	4.04	
		42	42	TC	3.88	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1614	P090,E179	0	0	TC	5.44	12
		6	6	TC	7.48	
		12	12	TC	4.80	
		18	18	TC	4.20	
		24	24	TC	4.07	
		30	30	TC	4.17	
		36	36	TC	4.23	
		42	42	TC	4.15	
R1616	P210,E091	0	0	TC	5.56	12
		6	6	TC	5.97	
		12	12	TC	9.17	
		18	18	TC	12.27	
		24	24	TC	12.89	
		30	30	TC	9.54	
		36	36	TC	5.78	
		42	42	TC	5.25	
		48	48	TC	4.85	
		54	54	TC	4.71	
		60	60	TC	4.56	
R1617	P271,E090	0	0	TC	5.94	18
		6	6	TC	10.99	
		12	12	TC	17.75	
		18	18	TC	5.89	
		24	24	TC	4.64	
		30	30	TC	4.21	
		36	36	TC	4.15	
		42	42	TC	4.24	
R1618	P272,E174	0	0	TC	6.11	12
		6	6	TC	5.16	
		12	12	TC	4.04	
		18	18	TC	4.21	
		24	24	TC	4.32	
		30	30	TC	4.09	
		36	36	TC	3.88	
		42	42	TC	4.06	
R1619	Q004,E161	0	0	TC	5.07	6
		6	6	TC	4.21	
		12	12	TC	4.14	
		18	18	TC	4.14	
		24	24	TC	4.33	
		30	30	TC	4.30	
		36	36	TC	4.32	
		42	42	TC	4.06	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1620	P358,E088	0	0	TC	5.79	6
		6	6	TC	4.61	
		12	12	TC	4.15	
		18	18	TC	3.18	
		24	24	TC	2.46	
		30	30	TC	2.39	
		36	36	TC	2.43	
R1621	Q091,E090	0	0	TC	5.09	6
		6	6	TC	4.74	
		12	12	TC	4.04	
		18	18	TC	4.09	
		24	24	TC	4.26	
		30	30	TC	4.27	
		36	36	TC	4.21	
		42	42	TC	4.24	
R1622	Q094,E191	0	0	TC	2.80	0
		6	6	TC	2.12	
		12	12	TC	2.10	
		18	18	TC	2.23	
		24	24	TC	2.36	
		30	30	TC	2.42	
		36	36	TC	2.45	
R1623	Q184,E177	0	0	TC	4.26	0
		6	6	TC	3.30	
		12	12	TC	2.99	
		18	18	TC	3.47	
		24	24	TC	3.82	
		30	30	TC	4.20	
		36	36	TC	4.04	
R1624	Q180,E090	0	0	TC	5.16	6
		6	6	TC	4.81	
		12	12	TC	4.03	
		18	18	TC	3.98	
		24	24	TC	3.82	
		30	30	TC	3.86	
		36	36	TC	4.09	
R1625	Q267,E105	0	0	TC	4.28	0
		6	6	TC	3.70	
		12	12	TC	3.81	
		18	18	TC	4.04	
		24	24	TC	4.11	
		30	30	TC	4.15	
		36	36	TC	4.26	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1626	Q277,E160	0	0	TC	5.66	6
		6	6	TC	4.77	
		12	12	TC	4.06	
		18	18	TC	3.94	
		24	24	TC	3.97	
		30	30	TC	4.00	
		36	36	TC	3.82	
		42	42	TC	3.84	
R1627	Q359,E088	0	0	TC	3.64	0
		6	6	TC	4.08	
		12	12	TC	3.93	
		18	18	TC	3.89	
		24	24	TC	3.93	
R1628	R088,E086	0	0	TC	3.16	0
		6	6	TC	3.57	
		12	12	TC	3.79	
		18	18	TC	4.18	
		24	24	TC	3.67	
		30	30	TC	3.26	
		36	36	TC	3.28	
		42	42	TC	3.45	
R1629	R181,E089	0	0	TC	4.19	0
		6	6	TC	4.15	
		12	12	TC	3.79	
		18	18	TC	3.77	
		24	24	TC	3.92	
		30	30	TC	4.11	
		36	36	TC	3.76	
		42	42	TC	3.80	
R1630	R269,D449	0	0	TC	2.82	0
		6	6	TC	3.52	
		12	12	TC	4.47	
		18	18	TC	4.60	
		24	24	TC	4.70	
		30	30	TC	4.12	
		36	36	TC	3.98	
		42	42	TC	4.11	
R1631	S001,E087	0	0	TC	5.20	6
		6	6	TC	4.15	
		12	12	TC	4.26	
		18	18	TC	5.04	
		24	24	TC	4.13	
		30	30	TC	3.84	
		36	36	TC	3.71	
		42	42	TC	3.61	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
R1632	R269,E089	0	0	TC	3.25	0
		6	6	TC	3.81	
		12	12	TC	3.94	
		18	18	TC	3.96	
		24	24	TC	4.11	
		30	30	TC	4.06	
		36	36	TC	4.09	
R1633	S000,D447	0	0	TC	3.05	0
		6	6	TC	3.28	
		12	12	TC	3.21	
		18	18	TC	3.02	
		24	24	TC	2.57	
		30	30	TC	2.47	
		36	36	TC	2.68	
		42	42	TC	3.09	
R1635	S181,E001	0	0	TC	3.30	0
		6	6	TC	3.24	
		12	12	TC	2.74	
		18	18	TC	2.41	
		24	24	TC	2.18	
		30	30	TC	2.00	
		36	36	TC	2.34	
R1636	S181,D358	0	0	TC	3.02	0
		6	6	TC	3.92	
		12	12	TC	4.12	
		18	18	TC	4.07	
		24	24	TC	3.56	
		30	30	TC	3.25	
		36	36	TC	3.18	
		42	42	TC	3.02	
R1637	S093,D357	0	0	TC	5.48	12
		6	6	TC	5.00	
		12	12	TC	3.94	
		18	18	TC	4.08	
		24	24	TC	4.26	
		30	30	TC	4.13	
		36	36	TC	3.92	
		42	42	TC	3.81	
R1638	O028,E206	0	0	TC	5.89	12
		6	6	TC	5.11	
		12	12	TC	6.15	
		18	18	TC	5.37	
		24	24	TC	4.44	
		30	30	TC	3.68	
		36	36	TC	3.42	
RBKG01	Offsite	0	6	SS	0.73	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RBKG02	Offsite	0	6	SS	0.39	
RBKG03	Offsite	0	6	SS	0.52	
RBKG04	Offsite	0	6	SS	0.42	
RBKG05	Offsite	0	6	SS	0.42	
RBKG06	Offsite	0	6	SS	0.68	
RBKG07	Offsite	0	6	SS	1.28	
RBKG08	Offsite	0	6	SS	1.66	
RU0001	P146,N145	0	0	TC	11.26	6
		6	6	TC	4.86	
		12	12	TC	3.30	
		18	18	TC	3.15	
		24	24	TC	3.04	
		30	30	TC	3.20	
		36	36	TC	3.19	
		42	42	TC	3.10	
		48	48	TC	3.24	
		54	54	TC	3.12	
		60	60	TC	3.03	
		66	66	TC	2.98	
		72	72	TC	2.83	
		84	84	TC	2.56	
		96	96	TC	2.85	
		108	108	TC	2.71	
		120	120	TC	2.52	
		132	132	TC	2.50	
		144	144	TC	2.49	
		156	156	TC	2.77	
		168	168	TC	3.07	
		180	180	TC	2.76	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0002	O354,N148	0	0	TC	12.08	18
		6	6	TC	18.17	
		12	12	TC	16.48	
		18	18	TC	13.47	
		24	24	TC	6.18	
		30	30	TC	4.21	
		36	36	TC	3.48	
		42	42	TC	3.49	
		48	48	TC	3.41	
		54	54	TC	3.23	
		60	60	TC	3.18	
		66	66	TC	3.05	
		72	72	TC	2.70	
		84	84	TC	2.17	
		96	96	TC	2.43	
		108	108	TC	2.80	
		120	120	TC	3.08	
		132	132	TC	3.02	
		144	144	TC	2.91	
		156	156	TC	2.70	
		168	168	TC	2.43	
		180	180	TC	2.07	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0003	O176,N151	0	0	TC	11.56	12
		6	6	TC	19.51	
		12	12	TC	10.60	
		18	18	TC	5.25	
		24	24	TC	3.95	
		30	30	TC	3.47	
		36	36	TC	3.29	
		42	42	TC	3.04	
		48	48	TC	2.86	
		54	54	TC	2.89	
		60	60	TC	2.78	
		66	66	TC	2.96	
		72	72	TC	2.84	
		78	78	TC	2.83	
		84	84	TC	2.83	
		90	90	TC	2.80	
		96	96	TC	2.64	
		102	102	TC	2.61	
		108	108	TC	2.69	
		114	114	TC	2.63	
		120	120	TC	2.67	
		126	126	TC	2.64	
		132	132	TC	2.79	
		138	138	TC	2.82	
		144	144	TC	2.47	
		150	150	TC	2.28	
		156	156	TC	2.52	
		162	162	TC	2.60	
		168	168	TC	2.71	
		174	174	TC	2.63	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0004	N355,N156	0	0	TC	9.13	6
		6	6	TC	4.09	
		12	12	TC	3.38	
		18	18	TC	2.76	
		24	24	TC	2.40	
		30	30	TC	2.36	
		36	36	TC	2.42	
		42	42	TC	2.41	
		48	48	TC	2.36	
		54	54	TC	2.48	
		60	60	TC	2.78	
		66	66	TC	2.57	
		72	72	TC	2.57	
		78	78	TC	2.68	
		84	84	TC	2.56	
		90	90	TC	2.79	
		96	96	TC	2.86	
		102	102	TC	2.66	
		108	108	TC	2.74	
		114	114	TC	2.78	
		120	120	TC	2.71	
		126	126	TC	2.53	
		132	132	TC	2.65	
RU0005	P345,N142	0	0	TC	8.66	18
		6	6	TC	10.86	
		12	12	TC	16.45	
		18	18	TC	9.41	
		24	24	TC	4.62	
		30	30	TC	3.48	
		36	36	TC	2.70	
		42	42	TC	2.42	
		48	48	TC	2.60	
		54	54	TC	2.80	
		60	60	TC	2.46	
		66	66	TC	2.41	
		78	78	TC	2.26	
		90	90	TC	2.41	
		102	102	TC	2.63	
		114	114	TC	2.98	
		126	126	TC	2.45	
		138	138	TC	2.57	
		150	150	TC	2.55	
		162	162	TC	2.52	
		174	174	TC	2.39	
		186	186	TC	2.21	
		198	198	TC	2.10	
		210	210	TC	1.83	
		216	216	TC	2.29	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0006	P175,O221	0	0	TC	12.24	12
		6	6	TC	8.18	
		12	12	TC	6.50	
		18	18	TC	6.16	
		24	24	TC	6.03	
		30	30	TC	5.48	
		36	36	TC	5.15	
		42	42	TC	5.45	
		48	48	TC	5.53	
		54	54	TC	5.35	
		60	60	TC	5.06	
		66	66	TC	4.89	
		72	72	TC	4.57	
		84	84	TC	4.84	
		96	96	TC	4.75	
		108	108	TC	5.67	
		114	114	TC	4.81	
		120	120	TC	4.44	
		132	132	TC	4.13	
		144	144	TC	4.29	
		156	156	TC	4.37	
		168	168	TC	4.19	
		174	174	TC	4.44	
RU0007	O159,O049	0	0	TC	170.02	24
		6	6	TC	173.92	
		12	12	TC	177.17	
		18	18	TC	49.25	
		24	24	TC	14.00	
		30	30	TC	6.29	
		36	36	TC	4.96	
		42	42	TC	4.50	
		48	48	TC	4.11	
		54	54	TC	3.59	
		60	60	TC	3.32	
		72	72	TC	3.03	
		84	84	TC	2.98	
		96	96	TC	2.57	
		108	108	TC	2.56	
		120	120	TC	8.45	
		132	132	TC	2.68	
		144	144	TC	2.44	
		156	156	TC	2.06	
		168	168	TC	2.21	
		180	180	TC	1.76	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0008	N294,N320	0	0	TC	13.59	24
		6	6	TC	27.03	
		12	12	TC	69.38	
		18	18	TC	30.80	
		24	24	TC	10.52	
		30	30	TC	6.81	
		36	36	TC	6.71	
		42	42	TC	5.58	
		48	48	TC	4.66	
		54	54	TC	4.39	
		60	60	TC	4.21	
		72	72	TC	4.08	
		84	84	TC	3.87	
		96	96	TC	3.82	
		108	108	TC	3.75	
		120	120	TC	3.63	
		132	132	TC	3.19	
		144	144	TC	2.96	
		156	156	TC	2.73	
		168	168	TC	2.36	
		180	180	TC	2.09	
		192	192	TC	1.93	
		204	204	TC	1.76	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0009	N191,M293	0	0	TC	16.08	132
		6	6	TC	51.33	
		12	12	TC	57.14	
		18	18	TC	62.30	
		24	24	TC	63.11	
		30	30	TC	66.98	
		36	36	TC	71.02	
		42	42	TC	81.67	
		48	48	TC	72.15	
		54	54	TC	83.61	
		60	60	TC	99.91	
		66	66	TC	168.67	
		72	72	TC	60.20	
		78	78	TC	19.27	
		84	84	TC	9.41	
		90	90	TC	6.38	
		96	96	TC	6.75	
		102	102	TC	9.35	
		108	108	TC	10.35	
		114	114	TC	15.32	
		120	120	TC	14.95	
		126	126	TC	19.92	
		132	132	TC	11.49	
		138	138	TC	8.83	
		144	144	TC	7.34	
		150	150	TC	5.62	
		156	156	TC	4.71	
		162	162	TC	4.13	
		174	174	TC	4.50	
		186	186	TC	3.41	
		198	198	TC	3.16	
		204	204	TC	3.29	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0010	O158,M225	0	0	TC	4.54	0
		6	6	TC	3.84	
		12	12	TC	3.09	
		18	18	TC	2.91	
		24	24	TC	2.75	
		30	30	TC	2.63	
		36	36	TC	2.94	
		42	42	TC	2.95	
		48	48	TC	3.08	
		54	54	TC	3.24	
		60	60	TC	3.02	
		72	72	TC	3.23	
		84	84	TC	2.82	
		96	96	TC	2.53	
		108	108	TC	2.08	
		120	120	TC	2.25	
		132	132	TC	2.87	
		144	144	TC	3.02	
		156	156	TC	2.89	
		168	168	TC	3.17	
		174	174	TC	3.21	
RU0011	P164,M195	0	0	TC	10.38	12
		6	6	TC	11.23	
		12	12	TC	4.94	
		18	18	TC	2.92	
		24	24	TC	2.35	
		30	30	TC	2.47	
		36	36	TC	2.68	
		42	42	TC	2.65	
		48	48	TC	2.92	
		60	60	TC	2.63	
		72	72	TC	2.29	
		84	84	TC	2.20	
		96	96	TC	2.11	
		108	108	TC	2.10	
		120	120	TC	2.23	
		132	132	TC	1.88	
		144	144	TC	2.34	
		156	156	TC	2.28	
		168	168	TC	2.03	
		180	180	TC	1.92	
		192	192	TC	1.82	
		204	204	TC	2.28	
		216	216	TC	2.25	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0012	O098,O162	0	0	TC	4.76	66
		6	6	TC	9.91	
		12	12	TC	10.96	
		18	18	TC	11.43	
		24	24	TC	18.72	
		30	30	TC	31.86	
		36	36	TC	23.19	
		42	42	TC	24.95	
		48	48	TC	49.23	
		54	54	TC	53.59	
		60	60	TC	19.66	
		66	66	TC	9.14	
		72	72	TC	4.92	
		78	78	TC	4.31	
		90	90	TC	3.63	
		102	102	TC	3.13	
		114	114	TC	2.88	
		126	126	TC	2.94	
		138	138	TC	3.29	
		150	150	TC	3.44	
		162	162	TC	2.33	
RU0013	N169,N401	0	0	TC	5.40	12
		6	6	TC	6.91	
		12	12	TC	12.06	
		18	18	TC	8.02	
		24	24	TC	5.49	
		30	30	TC	4.26	
		36	36	TC	3.72	
		42	42	TC	3.46	
		48	48	TC	3.53	
		54	54	TC	3.45	
		60	60	TC	3.35	
		66	66	TC	3.30	
		72	72	TC	3.25	
		78	78	TC	3.13	
		84	84	TC	2.94	
		90	90	TC	2.71	
		102	102	TC	2.19	
		114	114	TC	1.97	
		126	126	TC	2.30	
		138	138	TC	1.97	
		150	150	TC	1.83	
		156	156	TC	1.80	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0014	N138,N338	0	0	TC	5.24	36
		6	6	TC	5.38	
		12	12	TC	6.67	
		18	18	TC	11.91	
		24	24	TC	33.90	
		30	30	TC	24.89	
		36	36	TC	8.68	
		42	42	TC	5.02	
		48	48	TC	3.76	
		54	54	TC	3.70	
		60	60	TC	3.78	
		66	66	TC	3.84	
		72	72	TC	3.75	
		84	84	TC	3.68	
		96	96	TC	3.47	
		108	108	TC	3.46	
		120	120	TC	3.43	
		132	132	TC	2.64	
		144	144	TC	1.95	
		156	156	TC	2.40	
		168	168	TC	2.91	
		180	180	TC	2.87	
		192	192	TC	2.43	
		198	198	TC	2.34	
RU0015	O018,N438	0	0	TC	11.76	48
		6	6	TC	22.60	
		12	12	TC	39.67	
		18	18	TC	64.22	
		24	24	TC	70.42	
		30	30	TC	70.68	
		36	36	TC	39.16	
		42	42	TC	15.97	
		48	48	TC	8.85	
		54	54	TC	7.01	
		60	60	TC	6.30	
		66	66	TC	5.66	
		72	72	TC	5.17	
		78	78	TC	4.94	
		84	84	TC	4.71	
		90	90	TC	4.28	
		96	96	TC	3.98	
		108	108	TC	3.62	
		120	120	TC	3.22	
		132	132	TC	2.26	
		144	144	TC	2.44	
		156	156	TC	2.09	
		168	168	TC	2.29	
		180	180	TC	2.39	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0016	O063,N370	0	0	TC	22.68	12
		6	6	TC	29.39	
		12	12	TC	9.85	
		18	18	TC	5.32	
		24	24	TC	4.32	
		30	30	TC	4.24	
		36	36	TC	3.86	
		42	42	TC	3.87	
		48	48	TC	3.70	
		54	54	TC	3.49	
		60	60	TC	3.47	
		66	66	TC	3.09	
		72	72	TC	2.77	
		78	78	TC	2.49	
		84	84	TC	2.36	
		96	96	TC	2.79	
		108	108	TC	2.51	
		120	120	TC	2.34	
		132	132	TC	2.19	
		144	144	TC	2.27	
		156	156	TC	2.58	
		168	168	TC	2.40	
		180	180	TC	2.68	
RU0017	O175,N300	0	0	TC	37.97	18
		6	6	TC	62.69	
		12	12	TC	23.53	
		18	18	TC	8.06	
		24	24	TC	4.52	
		36	36	TC	3.86	
		48	48	TC	3.00	
		60	60	TC	2.70	
		72	72	TC	2.43	
		84	84	TC	2.57	
		96	96	TC	2.69	
		108	108	TC	2.28	
		120	120	TC	2.17	
		132	132	TC	2.06	
		144	144	TC	1.98	
		156	156	TC	2.20	
		168	168	TC	2.26	
		180	180	TC	2.33	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RU0018	O179,N422	0	0	TC	5.16	6
		6	6	TC	2.66	
		12	12	TC	2.68	
		18	18	TC	2.57	
		24	24	TC	2.62	
		30	30	TC	2.94	
		36	36	TC	4.14	
		42	42	TC	4.52	
		48	48	TC	4.32	
		54	54	TC	3.96	
		60	60	TC	3.92	
		66	66	TC	3.81	
		72	72	TC	3.60	
		84	84	TC	2.85	
		96	96	TC	2.15	
		108	108	TC	2.08	
		120	120	TC	2.18	
		132	132	TC	2.15	
		144	144	TC	2.03	
		156	156	TC	1.90	
		168	168	TC	2.11	
		180	180	TC	2.13	
RW0001	T086,I179	0	0	TC	4.73	6
		0	6	OC	18.86	
		6	6	TC	4.98	
		6	12	OC	12.65	
		12	12	TC	3.27	
		18	18	TC	1.93	
		24	24	TC	1.69	
		30	30	TC	1.81	
		36	36	TC	2.02	
		42	42	TC	2.04	
		48	48	TC	2.05	
RW0002	T158,I012	0	0	TC	2.96	6
		0	6	OC	18.19	
		6	6	TC	2.35	
		6	12	OC	2.74	
		12	12	TC	2.27	
		18	18	TC	2.37	
		24	24	TC	2.36	
		30	30	TC	2.23	
		36	36	TC	2.24	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RW0003	T167,H271	0	0	TC	4.21	6
		0	6	OC	13.89	
		6	6	TC	3.52	
		12	12	TC	2.50	
		18	18	TC	2.29	
		24	24	TC	2.21	
		30	30	TC	2.15	
RW0004	T266,H104	0	0	TC	2.55	6
		0	6	OC	5.70	
		6	6	TC	2.00	
		6	12	OC	0.56	
		12	12	TC	1.60	
		18	18	TC	1.70	
		24	24	TC	1.90	
		30	30	TC	2.12	
		36	36	TC	2.13	
RW0005	T305,G376	0	0	TC	2.92	6
		0	6	OC	15.74	
		6	6	TC	2.12	
		12	12	TC	1.62	
		18	18	TC	1.64	
		24	24	TC	1.83	
		30	30	TC	2.01	
		36	36	TC	2.04	
RW0006	U024,G212	0	0	TC	5.04	12
		0	6	OC	8.46	
		6	6	TC	5.56	
		6	12	OC	9.98	
		12	12	TC	4.03	
		18	18	TC	5.03	
		24	24	TC	8.18	
		30	30	TC	6.28	
		36	36	TC	3.58	
		42	42	TC	2.72	
RW0007	U119,G059	0	0	TC	3.55	12
		6	6	TC	5.09	
		6	12	OC	6.00	
		12	12	TC	3.20	
		18	18	TC	2.08	
		24	24	TC	1.68	
		30	30	TC	1.61	
		36	36	TC	1.60	
		42	42	TC	1.45	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RW0008	U224,F368	0	0	TC	5.42	12
		0	6	OC	27.74	
		6	6	TC	9.03	
		6	12	OC	11.12	
		12	12	TC	5.77	
		18	18	TC	3.25	
		24	24	TC	2.43	
		30	30	TC	2.16	
		36	36	TC	2.07	
		42	42	TC	2.00	
RW0009	U358,F253	0	0	TC	5.94	12
		0	6	OC	27.94	
		6	6	TC	6.87	
		6	12	OC	2.24	
		12	12	TC	4.10	
		18	18	TC	2.98	
RW0010	V154,F150	0	0	TC	3.37	6
		0	6	OC	6.27	
		6	6	TC	3.23	
		6	12	OC	7.99	
		12	12	TC	2.27	
		18	18	TC	2.12	
		24	24	TC	2.00	
RW0011	V264,F017	0	0	TC	8.61	12
		0	6	OC	31.75	
		6	6	TC	12.87	
		6	12	OC	23.59	
		12	12	TC	11.25	
		18	18	TC	9.97	
		24	24	TC	8.69	
		30	30	TC	6.36	
		36	36	TC	3.86	
		42	42	TC	3.07	
RW0012	V269,E229	0	0	TC	1.75	0
		0	6	OC	3.10	
		6	6	TC	2.26	
		6	12	OC	2.88	
		12	12	TC	2.53	
		18	18	TC	2.62	
		24	24	TC	2.41	
		30	30	TC	2.39	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RW0013	V171,E393	0	0	TC	2.16	0
		0	6	OC	4.70	
		6	6	TC	3.19	
		12	12	TC	2.89	
		18	18	TC	2.50	
		24	24	TC	2.31	
		30	30	TC	2.26	
RW0014	U351,F022	0	0	TC	1.46	0
		0	6	OC	0.26	
		6	6	TC	1.83	
		6	12	OC	1.31	
		12	12	TC	2.14	
		18	18	TC	2.24	
		24	24	TC	2.22	
RW0015	U283,F211	0	0	TC	2.83	6
		0	6	OC	7.67	
		6	6	TC	3.31	
		12	12	TC	2.52	
		18	18	TC	2.16	
		24	24	TC	2.03	
		30	30	TC	1.97	
		36	36	TC	1.96	
RW0016	U163,F338	0	0	TC	2.87	6
		0	6	OC	5.60	
		6	6	TC	3.25	
		6	12	OC	3.37	
		12	12	TC	2.55	
		18	18	TC	2.39	
		24	24	TC	2.31	
		30	30	TC	2.25	
RW0017	U007,F431	0	0	TC	1.85	0
		0	6	OC	1.14	
		6	6	TC	1.95	
		12	12	TC	2.12	
		18	18	TC	2.26	
		24	24	TC	2.28	
RW0018	T302,G113	0	0	TC	6.42	12
		0	6	OC	22.39	
		6	6	TC	10.71	
		6	12	OC	20.25	
		12	12	TC	11.47	
		18	18	TC	9.00	
		24	24	TC	5.88	
		30	30	TC	4.63	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RW0019	T231,G240	0	0	TC	2.54	6
		0	6	OC	5.71	
		6	6	TC	2.44	
		12	12	TC	2.34	
		18	18	TC	2.42	
		24	24	TC	2.49	
		30	30	TC	2.48	
		36	36	TC	2.49	
RW0020	T166,G351	0	0	TC	2.42	0
		0	6	OC	2.84	
		6	6	TC	3.28	
		6	12	OC	3.97	
		12	12	TC	4.37	
		18	18	TC	4.29	
		24	24	TC	3.11	
		30	30	TC	2.68	
RW0021	T150,H042	0	0	TC	2.33	6
		0	6	OC	15.85	
		6	6	TC	2.26	
		12	12	TC	2.20	
		18	18	TC	2.07	
		24	24	TC	2.03	
		30	30	TC	1.95	
		36	36	TC	2.04	
RW0022	T077,H174	0	0	TC	2.82	6
		0	6	OC	7.66	
		6	6	TC	2.52	
		6	12	OC	5.85	
		12	12	TC	2.26	
		18	18	TC	2.21	
		24	24	TC	2.23	
RW0023	S353,H260	0	0	TC	2.49	0
		0	6	OC	2.87	
		6	6	TC	2.75	
		12	12	TC	2.30	
		18	18	TC	2.32	
		24	24	TC	2.34	
		30	30	TC	2.27	
		36	36	TC	2.29	

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Ra-226 (pCi/g) Non-Deconv.	Depth of Contamination (in.)
RW0024	T018,I006	0	0	TC	3.31	6
		0	6	OC	13.82	
		6	6	TC	3.63	
		6	12	OC	2.89	
		12	12	TC	2.49	
		18	18	TC	1.90	
		24	24	TC	1.70	
		30	30	TC	1.76	
		36	36	TC	1.99	
		42	42	TC	2.08	
RW0025	S356,I177	0	0	TC	4.67	12
		0	6	OC	18.80	
		6	6	TC	5.30	
		6	12	OC	7.04	
		12	12	TC	3.55	
		18	18	TC	2.48	
		24	24	TC	2.09	
		30	30	TC	1.87	
RW0026	W026,E378	0	6	OC	3.26	0
RW0027	W108,E315	0	6	OC	4.34	0
RW0028	W162,E246	0	6	OC	4.14	0
RW0029	W209,E205	0	6	OC	4.38	0
RW0030	T029,H175	0	6	OC	2.98	0

MEASUREMENT TYPE CODE:
TC =Total Count
OC=Opposed Crystal System
SS= Soil Sample

LOCATION PREFIX DESCRIPTION:
Rnnnn = Onsite Location
RBKGnn = Background Location
RUnnnn = Onsite Uranium Investigation Location
RWnnnn = Right-Of-Way Location

Table 2: Moab Project Site (Non-Pile Areas) Laboratory Analysis for Total Uranium and Thorium-230 Concentration Data

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Total Uranium (pCi/g)	Total Thorium-230 (pCi/g)
R0007	S120,M449	80	92	SS	29.9	16.7
R0008	S119,M359	42	54	SS	3.7	1.9
R0009	S118,M268	42	54	SS	26.3	16.5
R0016	S030,M270	36	48	SS	17.6	5.7
R0018	S030,M449	66	78	SS	14.6	12.9
R0024	R298,M000	234	246	SS	2.1	1.1
R0031	S074,M400	204	216	SS	3.4	0.94
R0032	S073,M315	48	60	SS	3.1	<0.78
		114	126	SS	3.5	0.97
		210	222	SS	8.2	3.7
R0033	S073,M224	210	222	SS	2.5	<0.78
R0179	Q358,N001	0	6	SS	25.1	12.2
R0195	Q180,M092	0	6	SS	140	291
		36	42	SS	22	3.1
		72	78	SS	31.1	38
R0196	Q179,M002	24	30	SS	64	8.4
R0299	P177,O180	72	84	SS	3.2	1.65
		108	126	SS	5.6	1.78
		126	144	SS	3	2.28
R0312	Q044,N132	36	42	SS	7.97	5.4
R0350	T090,N088	0	6	SS	31.4	19.3
R0419	U090,N180	0	6	SS	64	68.1
R0425	U179,N178	0	6	SS	9.14	8
R0436	U270,O090	0	6	SS	27.1	28.9
R0507	S252,J359	0	6	SS	5.9	6.2
R0545	T179,K090	0	6	SS	15.5	20.2
R0557	T180,J181	0	6	SS	21.6	44.8
R0582	T144,M360	0	6	SS	2.5	2.1
R0592	U244,Q087	42	48	SS	4.7	2.7
R0598	T181,O000	0	6	SS	1	1.3
R0599	T180,O091	0	6	SS	1.2	1.1
R0610	T269,P360	0	6	SS	39	21.1
R0627	T095,O360	0	6	SS	1.8	1.1
R0666	S328,R090	0	6	SS	5	3.1

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Total Uranium (pCi/g)	Total Thorium-230 (pCi/g)
R0669	S323,Q269	0	6	SS	7.69	3.7
R0724	R181,L193	0	6	SS	163	86.8
R0726	R088,L270	0	6	SS	10.9	10.9
R0855	S189,F447	0	6	SS	9	19.6
R0856	S083,G012	0	6	SS	1.3	1.1
R0861	S086,H000	0	6	SS	3.6	5.6
R0873	R356,G179	0	6	SS	1.4	<0.74
R0875	R356,G005	0	6	SS	1.8	1.3
R0883	R267,G178	0	6	SS	1.5	0.94
R0886	R267,G446	0	6	SS	21	0.78
R0889	R267,H264	0	6	SS	3.8	3.7
R0895	R174,G446	0	6	SS	2.2	2.4
R0903	R089,G087	0	6	SS	1	1.5
R0921	R001,F446	0	6	SS	2.1	0.97
R0953	S084,F381	0	6	SS	12.9	22.4
		6	12	SS	75.6	40.8
R1063	P000,O288	18	24	SS	6.8	5.86
R1067	O090,O161	24	36	SS	851.9	178
		78	114	SS	934.3	779
		168	184	SS	1154	305
R1110	N343,O097	18	24	SS	7.35	3.37
R1111	N240,O052	6	12	SS	2.2	2.18
R1142	L354,M191	48	54	SS	1.2	4.41
		54	60	SS	1.4	6.33
R1151	L177,M162	42	48	SS	6.5	12.2
R1152	L176,M090	36	60	SS	6.3	2.11
		132	150	SS	0.47	0.64
R1178	K179,L267	42	48	SS	5	3.01
R1181	K181,M111	42	48	SS	1.5	9.2
R1197	J356,L363	36	42	SS	8.11	2.64
R1209	J266,L363	60	78	SS	4.3	0.81
		114	150	SS	2.2	1.2
R1211	J267,M091	30	36	SS	2.9	5.11
R1235	I358,L185	36	42	SS	2.9	1.26
R1254	I178,L004	30	36	SS	1.6	9.8
R1291	J198,L316	48	54	SS	10.1	7.47
R1295	O016,N380	54	72	SS	18.9	1.18
		114	132	SS	72.1	20
		132	150	SS	3.6	2.23

Location	Rad Grid Coordinate	Begin Depth (in.)	End Depth (in.)	Measurement Type Code	Total Uranium (pCi/g)	Total Thorium-230 (pCi/g)
R1433	M359,G178	12	18	SS	2.6	7.83
R1437	M270,G270	0	6	SS	5.5	25.4
R1442	M089,G359	0	6	SS	6.5	27.5
R1484	H357,J269	0	6	SS	0.64	1.52
R1499	N297,N410	36	54	SS	19.7	4.9
		114	162	SS	10.4	11.6
		162	180	SS	1.2	0.51
RBKG01	Offsite	0	6	SS	1.4	<0.36
RBKG02	Offsite	0	6	SS	0.89	<0.36
RBKG03	Offsite	0	6	SS	0.76	<0.36
RBKG04	Offsite	0	6	SS	0.52	<0.36
RBKG05	Offsite	0	6	SS	0.89	<0.36
RBKG06	Offsite	0	6	SS	1.2	<0.36
RBKG07	Offsite	0	6	SS	1.1	<0.36
RBKG08	Offsite	0	6	SS	2.6	1.2

MEASUREMENT TYPE CODE: SS = Soil Sample

LOCATION PREFIX DESCRIPTION:
Rnnnn = Onsite Location
RBKGnn = Background Location

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DRAWING NO.: X0090400-01, "PLATE 3: RADIOLOGICAL ASSESSMENT ANALYTICAL RESULTS FOR THORIUM (pCi/g)"

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U.S. Department of Energy—Grand Junction, Colorado

Calculation Cover Sheet

Calc. No.: MOA-02-05-2007-4-04-00 **Discipline:** Geotechnical Properties **No. of Sheets:** 6
Doc. No.: X0215800

Location: Attachment 5, Volume II, Appendix N

Project: Moab UMTRA Project

Site: Crescent Junction Disposal Site, Disposal Cell Design

Feature: Supplemental Geotechnical Properties of Tailings Materials from the Moab Processing Site

Sources of Data:

Laboratory test results from Shaw E & I, Inc.

Boring and Test Pit Logs from the 2005 Geotechnical Investigation (Attachment 5 Vol. I, Appendix I)

Sources of Formulae and References:

Shaw E & I, Inc, November 7, 2006. *Certificate of Analysis,* Letter Report to General Engineering Laboratories.

Shaw E & I, Inc. February 15, 2007. *Certificate of Analysis,* Letter Report to General Engineering Laboratories.

Golder Associates, April 3, 2006. *Results of the Bench Scale Testing Program on Cover Soils and Uranium Mill Tailings from the Moab Tailings Impoundment, Grand County, Utah,* Draft Technical Memorandum to S.M. Stoller.

Preliminary Calc. ☐ **Final Calc.** ☒ **Supersedes Calc. No.**

Author: Roslyn Stein 5/25/07
Name Date

Checked by: 31 May 07
Name Date

Mark Kautsky 5-31-07
Name Date

Approved by: Kurt Kapp 6-5-07
Name Date

Name Date

D Metz May 31, 07
Name Date

No text for this page

Problem Statement:

Preliminary site selection performed jointly by the U.S. Department of Energy (DOE) and the Contractor has identified a 2,300-acre withdrawal area in the Crescent Flat area just northeast of Crescent Junction, Utah, as a possible site for a final disposal cell for the Moab uranium mill tailings. The proposed disposal cell would cover approximately 250 acres.

Based on the preliminary site-selection process, the suitability of the Crescent Junction Disposal Site is being evaluated from several technical aspects, including geomorphic, geologic, hydrologic, seismic, geochemical, and geotechnical. The objective of this calculation is to present the supplemental test results of geotechnical testing performed to characterize the tailings at the Moab processing site.

These data will be incorporated into Attachment 5, Volume II of the *Remedial Action Plan and Site Design for Stabilization of Moab Title I Uranium Mill Tailings at Crescent Junction, Utah, Site* (RAP) and summarized in the Remedial Action Selection (RAS) report for the Moab Site.

Method of Solution:

Samples were collected during November and December 2005 by mixing either bulk samples obtained from the ten backhoe test pits (600-series, also referred to as the GABT series) completed in early December 2005, or selected Shelby tube and/or split spoon samples from the November/December 2005 geotechnical drilling program (700-series). Figure 1 shows the location where the tailings samples were collected. A description of the discrete samples used to obtain composite samples, along with results from settlement and compaction tests, is contained in Appendix A. Further test results, including Atterberg limits, grain size distribution, hydraulic conductivity, triaxial shear strength, consolidation, and capillary-moisture relationships are presented in Appendix B and Appendix C at the conclusion of this calculation.

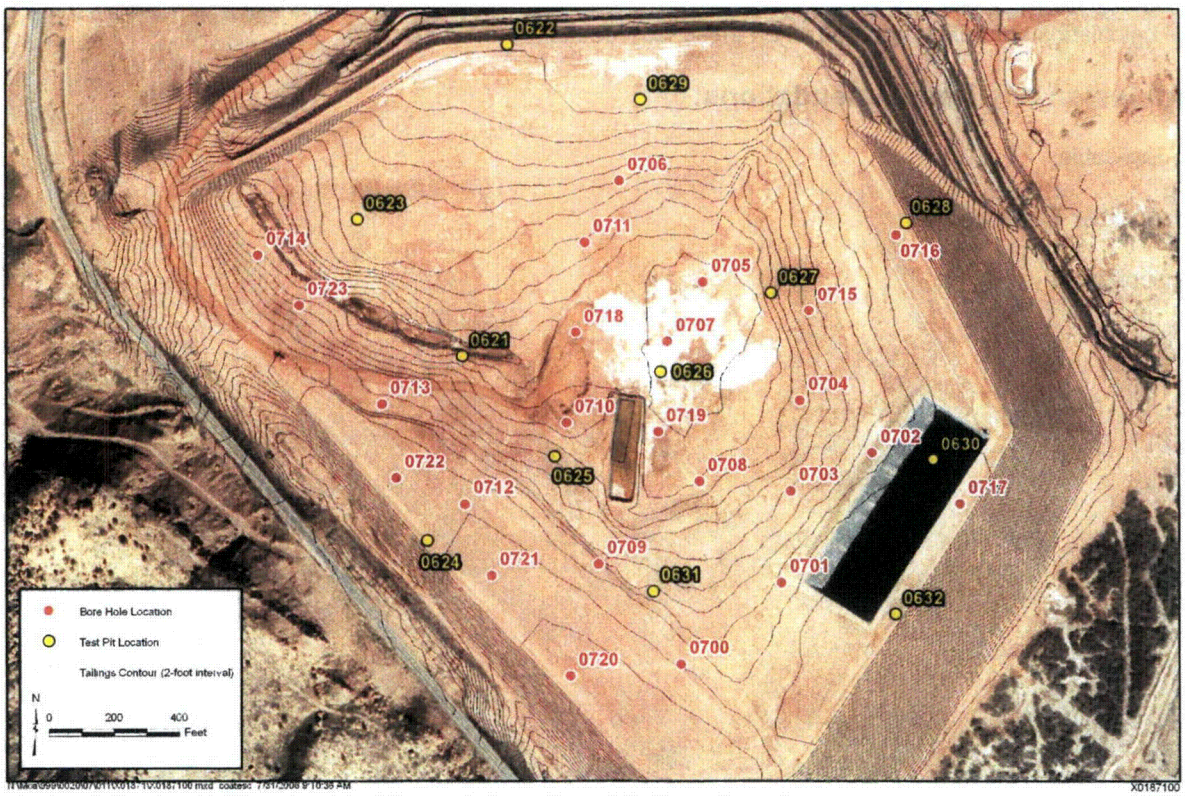

Figure 1. Location of Tailings Samples

Assumptions:

Not applicable

Calculation:

Appendixes A, B, and C contain laboratory results from the supplemental testing, and Table 1 summarizes the test results.

Discussion:

Soil and tailings samples from this sampling effort were sent to Shaw E & I, Inc. Geotechnical Laboratory (hereafter referred to as the laboratory) on May 4, 2006.

The laboratory issued to Stoller Corporation a Certificate of Analysis on November 7, 2006. Upon review of the data, three deficiencies were noted as follows:

1. Confined Undrained Triaxial Shear Strength with Pore Pressure Measurements (ASTM D 4767) tests were requested with effective confining pressures of 20, 40, and 60 pounds per square inch (psi). Test results presented in Appendix B show that tests were performed with an effective confining pressure of 2 psi. The laboratory is currently reanalyzing these tests. This calculation set will be updated when these test results are available.
2. Hydraulic Conductivity using Flexible Wall Permeameter (ASTM D 5084) tests were requested with effective confining pressures of 20, 40, and 60 psi. Test results presented in Appendix B show that tests were performed with an effective confining pressure of 2 psi. The laboratory is currently reanalyzing these tests. This calculation set will be updated when these test results are available.
3. Capillary-Moisture Relationships were analyzed using a potentiometer. These test results show very high vapor suctions, especially at high moisture contents. The laboratory is currently reanalyzing these tests using ASTM D 5298 (Measurement of Soil Potential Suction) and using filter paper. This calculation set will be updated when these test results are available.

Conclusion and Recommendations:

Not applicable

Computer Source:

Not applicable.

Bench Test Sample No.	Soil Type	Atterberg Limits (LL/PL/PI) ASTM D 4318	Sieve/Hydrometer Analyses				Sample Prep Dry Unit Weight (pcf)/ Water Content (%)/Confining Pressure (psi)	Hydraulic Conductivity (1)	Triaxial Shear Strength (2)		Coefficient of Consol., Cc	Volume Moisture Content at 15-bar (3)	Maximum Dry Density (pcf) (Standard Proctor) (4)	Optimum Moisture Content (Standard Proctor) (4)	Settled Percent Compaction (4)
			% Gravel	% Sand	% Silt	% Clay			c, psf	Eff. Friction Angle, degrees					
GABT-01	Cover Soil	NP	4	73	18	5	106.3 / 7.0% / 2.5	4.7E-06					117.7	11.9%	82.0%
							106.3 / 7.0 / 2.5	7.6E-06							
							106.3 / 7.0 / 2.5	1.1E-05							
GABT-02	Cover Soil	NP	3	80	14	3							109.2	13.8%	85.8%
GABT-03	Sand Tailings	NP	1	83	15	2	90.5 / 14.4 / 2.25	2.7E-04	0	34.5			106.3	12.7%	79.3%
							90.5 / 14.4 / 2.26	3.8E-04							
							90.5 / 14.4 / 2.27	7.9E-05							
GABT-04	Sand Tailings	NP	0	76	21	3	88.2 / 17.5 / 2.25	1.7E-04	0	36.5	0.15	6.1	103.9	15.6%	82.2%
							88.2 / 17.5 / 2.26	1.3E-05							
							88.2 / 17.5 / 2.27	1.8E-05							
GABT-05	Sand Tailings	NP	3	76	17	5	101.7 / 15.3 / 2.25	3.1E-04	0	38.3			113.3	13.1%	90.9%
							101.7 / 15.3 / 2.26	2.2E-04							
							101.7 / 15.3 / 2.27	2.1E-04							
GABT-06	Sand Tailings	NP	1	83	13	4					0.07	24.4	107.3	14.6%	82.6%
GABT-07	Transition Tailings	31/22/9	1	49	42	8	96.3 / 20.5 / 2.5	1.2E-05	0	47.2			107.3	18.4%	78.8%
							96.3 / 20.5 / 2.6	1.4E-05							
							96.3 / 20.5 / 2.7	1.3E-05							
GABT-08	Sand Tailings	NP	7	72	19	9	101.4 / 17.9 / 2.25	3.2E-05	0	37.1			112.8	16.0%	83.3%
							101.4 / 17.9 / 2.26	2.1E-05							
							101.4 / 17.9 / 2.27	7.4E-05							
GABT-09	Transition Tailings	23/20/3	0	42	50	8	91.8 / 23.0 / 2.5	6.4E-05	0	36.3	0.20	24.4	102.0	21.1%	87.9%
							91.8 / 23.0 / 2.6	6.9E-05							
							91.8 / 23.0 / 2.7	7.1E-05							
GABT-10	Transition Tailings	19/17/2	0	70	24	6					0.17	>50.5	107.8	18.7%	94.6%
GABT-11	Slimes Tailings	56/27/29	0	22	53	25					0.38	27.6	96.0	27.8%	68.5%
GABT-12	Slimes Tailings	35/19/16	0	41	47	12	83.6 / 20.9 / 2.5	8.4E-05	0	50.8			101.6	22.5%	39.3%
							83.6 / 20.9 / 2.6	2.1E-05							
							83.6 / 20.9 / 2.7	1.9E-05							
GABT-13	Slimes Tailings	49/23/23	0	12	63	25					0.34	25.1	95.0	28.7%	84.9%
GABT-14	Slimes Tailings	43/22/21	0	16	62	22	81.2 / 22.8 / 3.0	2.7E-06	0	37.6			101.5	20.9%	76.6%
							81.2 / 22.8 / 3.1	1.8E-06							
							81.2 / 22.8 / 3.2	1.8E-06							

(1) Hydraulic Conductivity tests performed at low confining pressures. Tests are currently being reanalyzed at estimated post-construction confining pressures. Data will be presented when available.
(2) Triaxial shear strength tests performed at low confining pressures. Tests are currently being reanalyzed at estimated post-construction confining pressures. Data will be presented when available.
(3) Capillary-Moisture Relationships analyzed with WP4 Potentiometer. Tests are currently being reanalyzed using ASTM D 5298 (filter paper method) Data will be presented when available.
(4) Test results from Golder Associates, Inc. (GAI), 2006. Results to Bench Scale Testing Program on Cover Soils and Uranium Mill Tailings from the Moab Tailings Impoundment, Grand County, Utah, Draft technical memorandum, Lakewood, Colorado, April 3.

End of current text

Appendix A

Results of the Bench Scale Testing Program on Cover Soils and Uranium Mill Tailings from the Moab Tailings Impoundment, Grand County, Utah

April 3, 2006

Note: The attached Technical Memorandum was issued in draft form on April 3, 2006. The memorandum was reviewed with no comments and is considered a final version.

Golder Associates Inc.

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DRAFT TECHNICAL MEMORANDUM

TO:	Greg Lord, S.M. Stoller	**DATE:**	April 3, 2006
FR:	James M. Johnson, Golder Associates Inc. Luis A. Quirindongo, Golder Associates Inc. Ron DiDonato, Golder Associates Inc.	**OUR REF:**	053-2269.2050

RE: RESULTS OF THE BENCH SCALE TESTING PROGRAM ON COVER SOILS AND URANIUM MILL TAILINGS FROM THE MOAB TAILINGS IMPOUNDMENT, GRAND COUNTY, UTAH

INTRODUCTION

As part of our approved work program on the Moab Project, personnel from Golder Associates Inc. (Golder) completed an onsite bench scale testing program during the period of March 15 through March 23, 2006.

The objective of the bench scale testing program was to advance the tailings characterization efforts started during the August 2005 preliminary tailings test program, adjusted to meet the evolving needs and goals of the tailings relocation materials handling evaluation and design.

During this period Golder completed the following tests:

- As sampled moisture content testing of the cover soils and tailings materials after compositing (ASTM D2216) – 14 tests;
- Standard Proctor compaction testing (ASTM D698) – 14 tests;
- Loose density testing (no ASTM standard) – 14 tests; and
- Settled density tests (no ASTM standard) – 14 tests.

Each of the 14 samples was created by mixing either bulk samples obtained from the ten backhoe test pits completed in early December 2005, or selected Shelby tube and/or split spoon samples from the November/December 2005 geotechnical drilling and sampling program.

TESTING PROGRAM DESCRIPTION

Sample Preparation

The bench scale testing program was designed to make use of cover soils and tailings samples remaining onsite, exclusive of the samples already selected and shipped for offsite geotechnical laboratory testing. The samples pre-selected for use in this program are listed in the March 14, 2006 Golder letter describing the proposed bench scale testing program. At the start of the sample preparation phase of the work, Golder personnel noted that some of the pre-selected samples were no

longer available onsite or were different material types than originally classified. Therefore, the list of samples to be used in this testing program was modified based on review of the available samples and material types. The final sample list is presented in Table 1.

From March 15 through March 17, Messrs. Luis Quirindongo and Jeff Robison of Golder visited the site to begin the preparation of the samples for the testing program. Each group of samples was mixed to create a composite sample, with splits set aside for Proctor compaction and loose/settled density testing. The sample for Proctor compaction testing was set out to air dry (over the weekend of March 18-19, 2006). The samples for loose and settled density testing were placed either in buckets or bags to preserve the as-sampled moisture content.

Sample Testing

During the sample preparation period, moisture content samples were obtained and tested to determine the initial, or as-sampled moisture content. During the period of March 20 through 23, Messrs. Luis Quirindongo and Ron DiDonato were present on site to perform the standard Proctor compaction and loose/settled density testing. During the course of the week, sample processing, moisture conditioning, and testing were performed. All testing was completed by March 23.

Natural Moisture Content Testing

- Fourteen moisture content tests were performed following ASTM D2216 procedures.

Standard Proctor Compaction Testing

- Fourteen compaction tests were performed following ASTM D698, Method A procedures.

Loose Settled Density Testing

- Fourteen loose settled density tests were performed. These are non-standard tests designed to collect data which we expect to be useful indicators of material characteristics following excavation and during and after transport. ASTM D4253 - Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table and ASTM D4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density were used as guidelines. The procedures developed by Golder for these tests are as follows:

    - For loose density testing, a standard Proctor mold with a known volume was used. Material at its natural moisture content was placed in the mold as loosely as possible, struck off at the top of the mold, and the weight of the mold plus wet soil was recorded.

    - For the settled density test, the same mold and material was used. To prevent any loss of mass and obtain a smoother recording surface, a cap weighing 1.34 pounds was placed on top of the sample before proceeding with testing. To settle the sample, the mold with the sample was dropped on a concrete floor from a height of 1 to 3 inches, 100 times. After every 25 drops, the side of the mold was tapped with a

hammer approximately 16 to 20 times. After shaking the sample, height changes and moisture content were measured and recorded.

TEST RESULTS

During sample preparation and testing, materials were mixed to represent four typical types found at the site: cover soils, sand tailings, transition tailings, and slimes tailings. Golder recommends that leftover sample materials be tested for classification properties in an offsite laboratory to either confirm the visual classification presented in this technical memorandum or provide a basis for modifying the classification. The range of measurements obtained for the four primary material types are presented below.

Natural Moisture Content:

- Cover Soil – 6.5%
- Sand Tailings – 1.1 to 9.4%
- Transition Tailings – 16.5 to 37.0%
- Slimes Tailings – 37.5 to 52.3%

Proctor Maximum Dry Density:

- Cover Soil – 109.2 to 117.7 pcf
- Sand Tailings – 103.9 to 107.3 pcf
- Transition Tailings – 102.0 to 113.3 pcf
- Slimes Tailings – 95.0 to 101.6 pcf

Proctor Optimum Moisture Content:

- Cover Soil – 11.9 to 13.8%
- Sand Tailings – 12.7 to 15.6%
- Transition Tailings – 13.1 to 21.1%
- Slimes Tailings – 20.9 to 28.7%

Loose Wet Density:

- Cover Soil – 71.5 to 78.7 pcf
- Sand Tailings – 63.7 to 66.8 pcf
- Transition Tailings – 71.6 to 103.1 pcf
- Slimes Tailings – 49.0 to 93.8 pcf

Loose Dry Density:

- Cover Soil – 66.9 to 73.1 pcf
- Sand Tailings – 57.7 to 61.7 pcf
- Transition Tailings – 53.2 to 83.9 pcf
- Slimes Tailings – 33.2 to 64.3 pcf

Settled Wet Density:

- Cover Soil – 100.9 to 103.3 pcf
- Sand Tailings – 93.1 to 95.9 pcf
- Transition Tailings – 107.3 to 126.4 pcf
- Slimes Tailings – 58.9 to 114.2 pcf

Settled Dry Density:

- Cover Soil – 93.7 to 96.6 pcf
- Sand Tailings – 84.3 to 88.6 pcf
- Transition Tailings – 84.6 to 102.9 pcf
- Slimes Tailings – 39.9 to 80.7 pcf

Percent Vertical Compression (under dynamic loading):

- Cover Soil – 22.0 to 30.8%
- Sand Tailings – 30.3 to 31.5%
- Transition Tailings – 18.4 to 39%
- Slimes Tailings – 16.9 to 39.6%

Percent Compaction (Settled Dry Density as a percentage of the standard Proctor maximum dry density):

- Cover Soil – 82.0 to 85.8%
- Sand Tailings – 79.3 to 82.6%
- Transition Tailings – 78.8 to 94.6%
- Slimes Tailings – 39.3 to 84.9%

All test results are summarized on Table 2. The bench scale test data sheets are included in Attachment 1.

TABLES

TABLE 1
SAMPLE SELECTION MIX SUMMARY

Bench Test Sample No.	Borehole or Test Pit	Depth or Interval	Mixed Description
GABT-01	GATP-05	0-5'	SAND (SP), little silt, trace gravel, fine grained, reddish brown, cover soil
	GATP-11	0-5'	
GABT-02	GATP-08	0-5'	SAND (SP), some silt, poorly graded, yellowish brown, cover soil
	GATP-09	0-5'	
GABT-03	GATP-04	5-10'	SAND (SP), some silt, poorly graded, moist, yellowish brown, sand tailings
		10-15'	
		15-20'	
GABT-04	GATP-08	5-10'	SAND (SP), trace to little silt, trace clay, poorly graded, moist, light brown, sand tailings
		10-15'	
		15-20	
GABT-05	GATP-06	5-10'	Clayey SAND (SC), poorly graded, saturated, reddish brown, transition tailings
		10-15'	
		15-20'	
GABT-06	GATP-09	5-10'	SAND (SP), little to some silt, saturated, reddish brown, sand tailings
		10-15'	
		15-20'	
GABT-07	GATP-05	10-15'	Sandy SILT (ML), moist, reddish brown, transition tailings
	GATP-07	10-15'	
GABT-08	GATP-10	10-15'	Sandy SILT (ML), moist, little to some clay, reddish brown, transition tailings
	GATP-11	10-15'	
GABT-09	700	12-14'	Sandy CLAY (CL), some silt, medium plasticity, grayish brown, moist, transition tailings
		24-26'	
		40-42'	
		42-44'	
		44-46'	
GABT-10	707	6-8'	Sandy CLAY (CL), some silt, medium plasticity, dark gray, wet, transition tailings
		8-10'	
		10-12'	
		12-14'	
		18-20'	
		20-22'	
	713	13.5-15.5'	
GABT-11	703	18-20'	SILT (ML), low plasticity, moist, dark brown, slimes tailings
		33-35'	
		38-40'	
		43-45'	
		58-60'	
		63-65'	
		68-70'	
GABT-12	709	13-15'	Silty CLAY (CL), medium plasticity, moist, grayish brown, slimes tailings
		23-25'	
		28-30'	
		48-50'	
		53-55'	
		63-65'	
GABT-13	700	64-66'	CLAY (CL), low to medium plasticity, moist, grayish brown, slimes tailings
		70-72'	
		78-80'	
		80-82'	
	707	34-36'	
		50-52'	
		52-54'	
GABT-14	708	20-22'	CLAY (CH), high plasticity, moist, dark gray, slimes tailings
		30-32'	
		38-40'	
		44-46'	
		59-60'	
		60-62'	

TABLE 2
BENCH TESTING RESULTS SUMMARY

Bench Test Sample No.	Initial Moisture Content (Taken March 17, 2006)	Maximum Dry Density (pcf)	Optimum Moisture Content	Loose Wet Density (pcf)	Loose Dry Density (pcf)	Settled Wet Density (pcf)	Settled Dry Density (pcf)	Vertical Percent Settlement	Settled Percent Compaction	Comments
GABT-01	6.5%	117.7	11.9%	71.5	66.9	103.3	96.6	30.8%	82.0%	Cover Soil
GABT-02	6.5%	109.2	13.8%	78.7	73.1	100.9	93.7	22.0%	85.8%	Cover Soil
GABT-03	9.4%	106.3	12.7%	63.7	57.7	93.1	84.3	31.5%	79.3%	Sand Tailings
GABT-04	1.1%	103.9	15.6%	66.1	59.3	95.1	85.4	30.5%	82.2%	Sand Tailings
GABT-05	19.9%	113.3	13.1%	103.1	83.9	126.4	102.9	18.4%	90.9%	Transition Tailings
GABT-06	5.9%	107.3	14.6%	66.8	61.7	95.9	88.6	30.3%	82.6%	Sand Tailings
GABT-07	35.4%	107.3	18.4%	72.7	53.2	115.7	84.6	37.1%	78.8%	Transition Tailings
GABT-08	16.5%	112.8	16.0%	71.6	62.7	107.3	93.9	33.3%	83.3%	Transition Tailings
GABT-09	37.0%	102.0	21.1%	71.8	54.7	117.6	89.7	39.0%	87.9%	Transition Tailings
GABT-10	30.7%	107.8	18.7%	82.5	66.2	127.0	102.0	35.1%	94.6%	Transition Tailings
GABT-11	49.4%	96.0	27.8%	58.3	40.6	94.5	65.7	38.3%	68.5%	Slimes Tailings
GABT-12	40.8%	101.6	22.5%	49.0	33.2	58.9	39.9	16.9%	39.3%	Slimes Tailings
GABT-13	37.5%	95.0	28.7%	68.9	48.7	114.2	80.7	39.6%	84.9%	Slimes Tailings
GABT-14	52.3%	101.5	20.9%	93.8	64.3	113.4	77.7	17.3%	76.6%	Slimes Tailings

ATTACHMENT 1

DATA SHEETS

STANDARD PROCTOR COMPACTION TESTING

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-01		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		36.60
Wt Tare & Soil Dry	(W2)		34.40
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		2.20
Wt Dry Soil	(W5=W2-W3)		34.00
Water Content (dec)	(wc=W4/W5)		0.0647
Water Content (%)	(W4/W5)*100		6.47%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1867.70	1903.50	1994.80	1987.60	1961.80		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1867.70	1903.50	1994.80	1987.60	1961.80		
Wet Density, wd (pcf)	(W3/453.6*Vm)	123.76	126.13	132.18	131.70	129.99		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	310.30	355.20	302.10	391.20	435.20		
Wt. Tare & Soil Dry	(W5)	287.80	325.40	270.10	349.60	383.10		
Wt. Tare	(W6)	6.60	6.60	6.60	6.60	6.70		
Wt. Moisture	(W7=W4-W5)	22.50	29.80	32.00	41.60	52.10		
Wt. Dry Soil	(W8=W5-W6)	281.20	318.80	263.50	343.00	376.40		
Water Content (%)	(W7/W8)*100	8.00%	9.35%	12.14%	12.13%	13.84%		
Dry Density (pcf)	(wd/(1+wc))	114.6	115.3	117.9	117.5	114.2		

Maximum Dry Density (pcf)	117.7
Optimum Moisture Content (%)	11.9
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: SAND (SP), little silt, trace gravel, fine grained, reddish brown (COVER SOIL).

USCS: SP

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

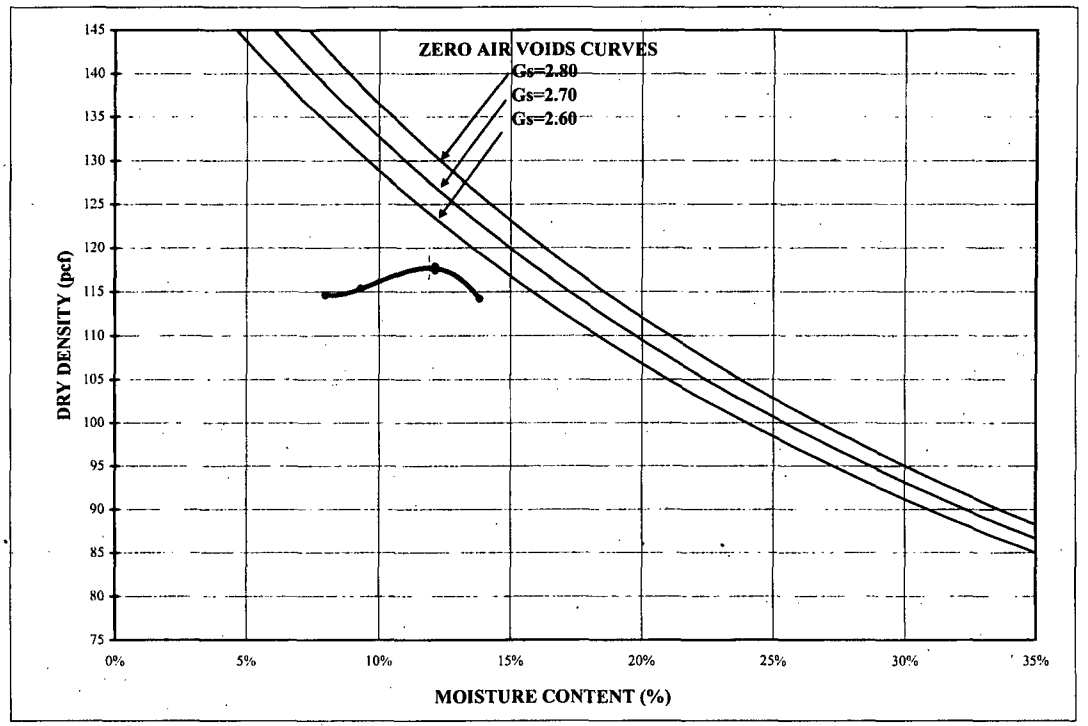
AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

TECH	RPD
DATE	3/21/06
REVIEW	LAQ

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-01** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	114.6	8.0%
2	115.3	9.3%
3	117.9	12.1%
4	117.5	12.1%
5	114.2	13.8%

Maximum Dry Density (pcf)	117.7
Optimum Moisture (%)	11.9
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION SAND (SP), little silt, trace gravel, fine grained, reddish brown (COVER SOIL).

USCS SP

TECH	RPD
DATE	3/21/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-02		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		62.90
Wt Tare & Soil Dry	(W2)		59.10
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		3.80
Wt Dry Soil	(W5=W2-W3)		58.70
Water Content (dec)	(wc=W4/W5)		0.0647
Water Content (%)	(W4/W5)*100		6.47%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1771.80	1804.70	1868.40	1899.50	1879.00		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1771.80	1804.70	1868.40	1899.50	1879.00		
Wet Density, wd (pcf)	(W3/453.6*Vm)	117.40	119.58	123.81	125.87	124.51		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	290.50	290.80	333.30	368.10	400.00		
Wt. Tare & Soil Dry	(W5)	265.20	263.70	294.00	317.40	341.50		
Wt. Tare	(W6)	6.60	6.60	6.70	6.70	6.60		
Wt. Moisture	(W7=W4-W5)	25.30	27.10	39.30	50.70	58.50		
Wt. Dry Soil	(W8=W5-W6)	258.60	257.10	287.30	310.70	334.90		
Water Content (%)	(W7/W8)*100	9.78%	10.54%	13.68%	16.32%	17.47%		
Dry Density (pcf)	(wd/(1+wc))	106.9	108.2	108.9	108.2	106.0		

Maximum Dry Density (pcf)	109.2
Optimum Moisture Content (%)	13.8
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: SAND (SP), some silt, poorly graded, yellowish brown (COVER SOIL).

USCS: SP

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

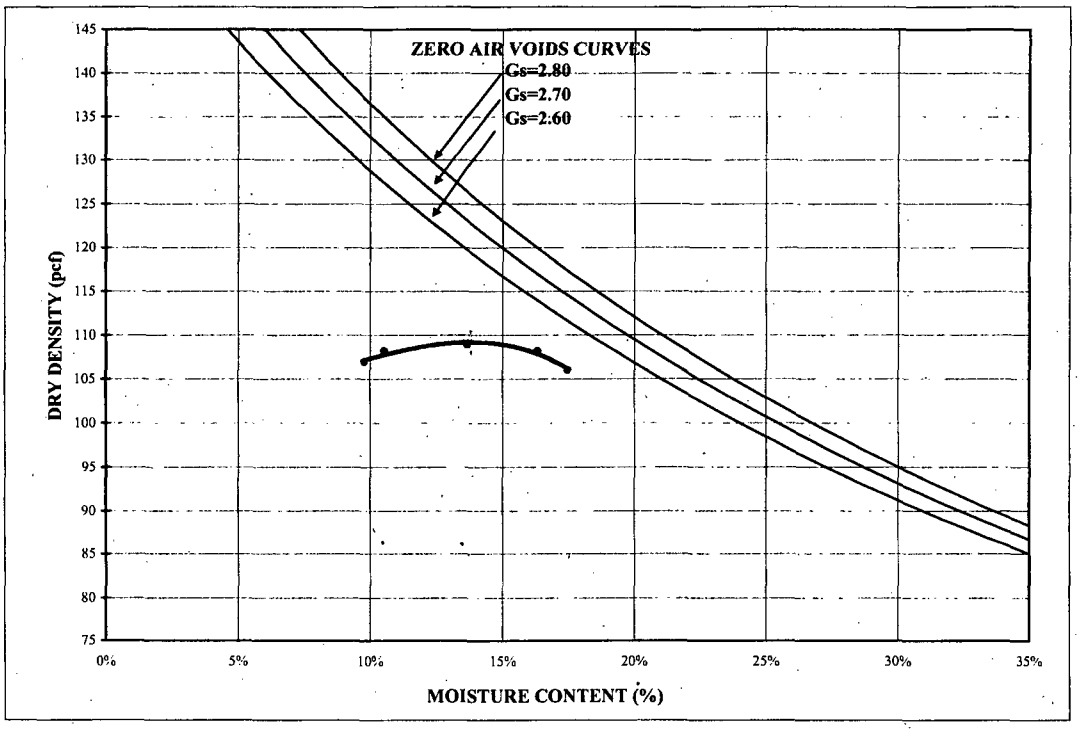
TECH	LAQ
DATE	3/23/06
REVIEW	LAQ

March, 2006 0532269

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-02** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	106.9	9.8%
2	108.2	10.5%
3	108.9	13.7%
4	108.2	16.3%
5	106.0	17.5%

Maximum Dry Density (pcf)	109.2
Optimum Moisture (%)	13.8
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION SAND (SP), some silt, poorly graded, yellowish brown (COVER SOIL).

USCS SP

TECH	LAQ
DATE	3/23/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-03		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		42.30
Wt Tare & Soil Dry	(W2)		38.70
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		3.60
Wt Dry Soil	(W5=W2-W3)		38.30
Water Content (dec)	(wc=W4/W5)		0.0940
Water Content (%)	(W4/W5)*100		9.40%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1639.30	1705.60	1802.10	1772.60	1770.10		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1639.30	1705.60	1802.10	1772.60	1770.10		
Wet Density, wd (pcf)	(W3/453.6*Vm)	108.62	113.02	119.41	117.46	117.29		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	245.90	274.40	236.90	252.10	260.30		
Wt. Tare & Soil Dry	(W5)	225.90	248.50	212.60	222.20	228.30		
Wt. Tare	(W6)	6.60	6.60	6.70	6.60	6.60		
Wt. Moisture	(W7=W4-W5)	20.00	25.90	24.30	29.90	32.00		
Wt. Dry Soil	(W8=W5-W6)	219.30	241.90	205.90	215.60	221.70		
Water Content (%)	(W7/W8)*100	9.12%	10.71%	11.80%	13.87%	14.43%		
Dry Density (pcf)	(wd/(1+wc))	99.5	102.1	106.8	103.2	102.5		

Maximum Dry Density (pcf)	106.3
Optimum Moisture Content (%)	12.7
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: SAND (SP), some silt, poorly graded, moist, yellowish brown (SAND TAILINGS).

USCS: SP

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

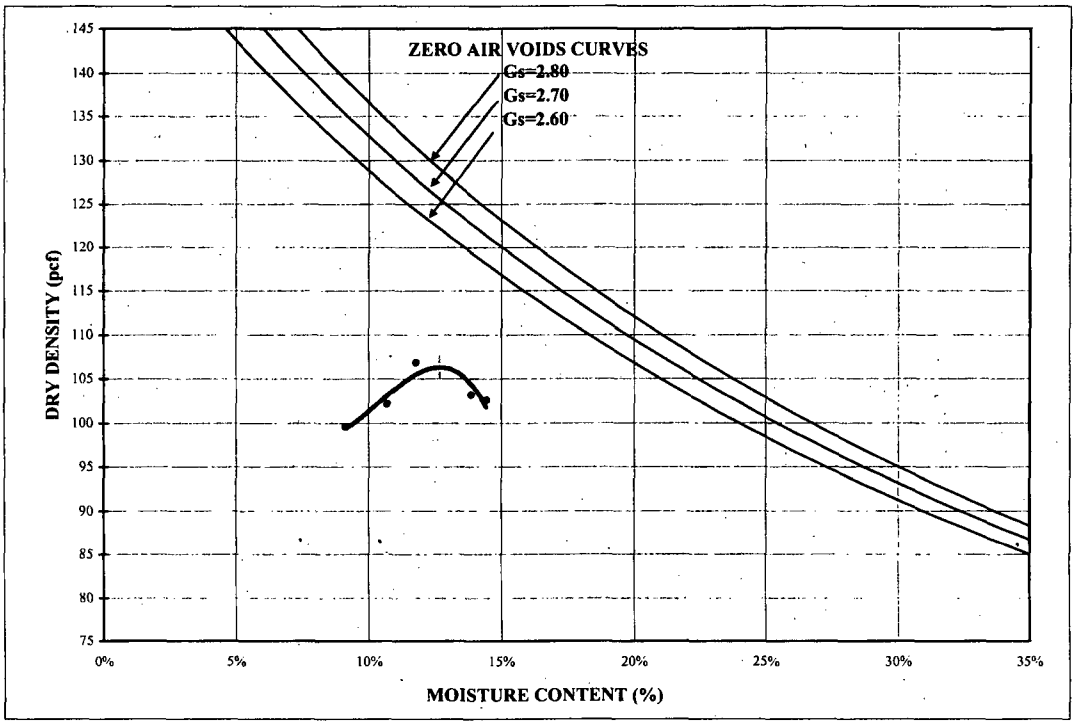
AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

TECH	LAQ
DATE	3/21/06
REVIEW	LAQ

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-03** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	99.5	9.1%
2	102.1	10.7%
3	106.8	11.8%
4	103.2	13.9%
5	102.5	14.4%

Maximum Dry Density (pcf)	106.3
Optimum Moisture (%)	12.7
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION SAND (SP), some silt, poorly graded, moist, yellowish brown (SAND TAILINGS).

USCS SP

TECH	LAQ
DATE	3/21/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings	TEST TYPE	ASTM D 698 , Method A
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-04 NA		
SAMPLE TYPE	Composite		

Mold Number	217	TYPE COMPACTOR: Mechanical	PREPARATION: Wet Method
Mold Weight (gm)	0.00		
Mold Diameter (in.)	4.000	TYPE PROCTOR: Standard	
Mold Height (in.)	4.575		
Mold Volume (cu.ft.)	0.0333	5.5 -lbf. Rammer with 12 inch drop	

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		45.50
Wt Tare & Soil Dry	(W2)		45.00
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		0.50
Wt Dry Soil	(W5=W2-W3)		44.60
Water Content (dec)	(wc=W4/W5)		0.0112
Water Content (%)	(W4/W5)*100		1.12%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1676.00	1749.40	1797.00	1819.60	1830.00		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1676.00	1749.40	1797.00	1819.60	1830.00		
Wet Density, wd (pcf)	(W3/453.6*Vm)	111.06	115.92	119.07	120.57	121.26		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	295.50	248.00	254.40	353.50	264.50		
Wt. Tare & Soil Dry	(W5)	268.60	220.80	222.70	305.60	222.80		
Wt. Tare	(W6)	6.80	6.80	6.70	6.70	6.80		
Wt. Moisture	(W7=W4-W5)	26.90	27.20	31.70	47.90	41.70		
Wt. Dry Soil	(W8=W5-W6)	262.00	214.00	216.00	298.90	216.00		
Water Content (%)	(W7/W8)*100	10.27%	12.71%	14.68%	16.03%	19.31%		
Dry Density (pcf)	(wd/(1+wc))	100.7	102.8	103.8	103.9	101.6		

Maximum Dry Density (pcf)	103.9
Optimum Moisture Content (%)	15.6
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: SAND (SP), trace to little silt, trace clay, poorly graded, moist, light brown (SAND TAILINGS).

USCS: SP

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

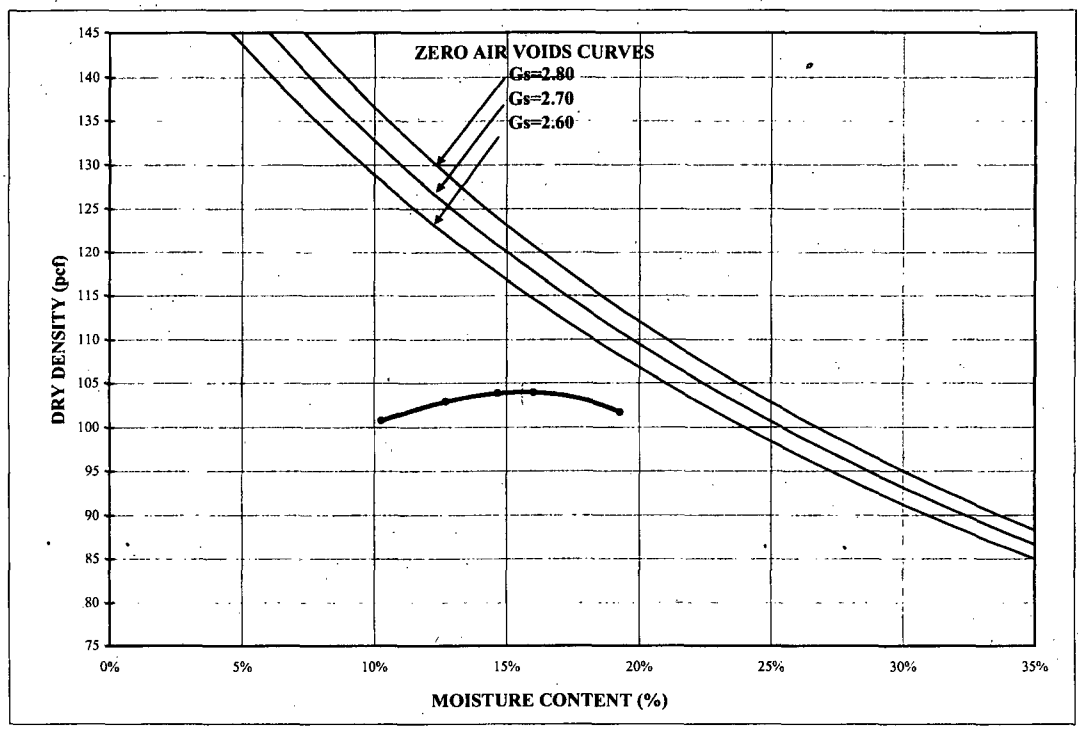
TECH	LAQ
DATE	3/21/06
REVIEW	LAQ

March, 2006 0532269

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-04** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	100.7	10.3%
2	102.8	12.7%
3	103.8	14.7%
4	103.9	16.0%
5	101.6	19.3%

Maximum Dry Density (pcf)	103.9
Optimum Moisture (%)	15.6
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	--
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION SAND (SP), trace to little silt, trace clay, poorly graded, moist, light brown (SAND TAILINGS).

USCS SP

TECH	LAQ
DATE	3/21/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings	TEST TYPE	ASTM D 698 Method A
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-05 NA		
SAMPLE TYPE	Composite		

Mold Number	217	TYPE COMPACTOR: Mechanical	PREPARATION: Wet Method
Mold Weight (gm)	0.00		
Mold Diameter (in.)	4.000	TYPE PROCTOR: Standard	
Mold Height (in.)	4.575		
Mold Volume (cu.ft.)	0.0333		

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		73.80
Wt Tare & Soil Dry	(W2)		61.60
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		12.20
Wt Dry Soil	(W5=W2-W3)		61.20
Water Content (dec)	(wc=W4/W5)		0.1993
Water Content (%)	(W4/W5)*100		19.93%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1847.20	1923.60	1935.80	1898.20	1880.30		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1847.20	1923.60	1935.80	1898.20	1880.30		
Wet Density, wd (pcf)	(W3/453.6*Vm)	122.40	127.46	128.27	125.78	124.59		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	285.30	291.90	312.40	272.10	272.00		
Wt. Tare & Soil Dry	(W5)	256.80	259.70	274.20	235.70	232.70		
Wt. Tare	(W6)	6.60	6.60	8.10	8.10	6.60		
Wt. Moisture	(W7=W4-W5)	28.50	32.20	38.20	36.40	39.30		
Wt. Dry Soil	(W8=W5-W6)	250.20	253.10	266.10	227.60	226.10		
Water Content (%)	(W7/W8)*100	11.39%	12.72%	14.36%	15.99%	17.38%		
Dry Density (pcf)	(wd/(1+wc))	109.9	113.1	112.2	108.4	106.1		

Maximum Dry Density (pcf)	113.3
Optimum Moisture Content (%)	13.1
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: Clayey SAND (SC), poorly graded, saturated, reddish brown (TRANSITION TAILINGS).

USCS: SC

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

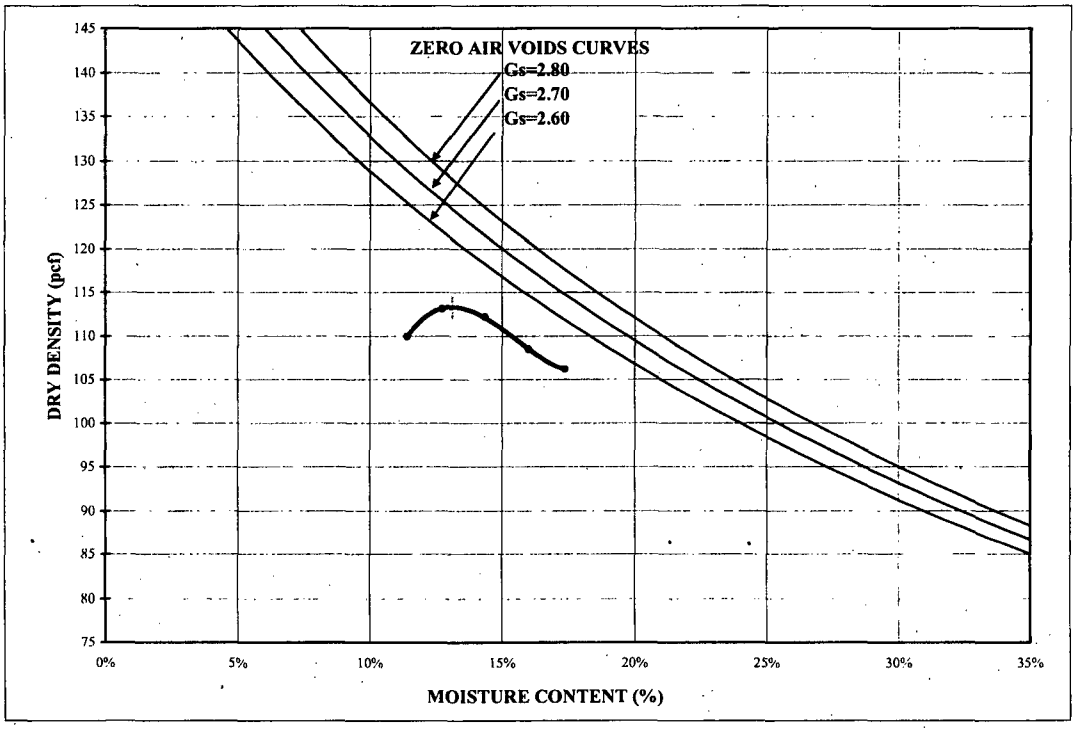
TECH	LAQ
DATE	3/21/06
REVIEW	LAQ

March, 2006 0532269

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-05** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	109.9	11.4%
2	113.1	12.7%
3	112.2	14.4%
4	108.4	16.0%
5	106.1	17.4%

Maximum Dry Density (pcf)	113.3
Optimum Moisture (%)	13.1
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION Clayey SAND (SC), poorly graded, saturated, reddish brown (TRANSITION TAILINGS).

USCS SC

TECH	LAQ
DATE	3/21/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings	TEST TYPE	ASTM D 698 Method A
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-06 NA		
SAMPLE TYPE	Composite		

Mold Number	217	TYPE COMPACTOR	Mechanical
Mold Weight (gm)	0.00	PREPARATION	Wet Method
Mold Diameter (in.)	4.000	TYPE PROCTOR	Standard
Mold Height (in.)	4.575		
Mold Volume (cu.ft.)	0.0333		

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		56.10
Wt Tare & Soil Dry	(W2)		53.00
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		3.10
Wt Dry Soil	(W5=W2-W3)		52.60
Water Content (dec)	(wc=W4/W5)		0.0589
Water Content (%)	(W4/W5)*100		5.89%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1691.40	1811.30	1855.20	1815.50	1783.30		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1691.40	1811.30	1855.20	1815.50	1783.30		
Wet Density, wd (pcf)	(W3/453.6*Vm)	112.08	120.02	122.93	120.30	118.17		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	253.40	303.00	379.80	361.20	392.50		
Wt. Tare & Soil Dry	(W5)	227.40	268.00	332.00	309.50	334.50		
Wt. Tare	(W6)	6.70	6.60	6.50	6.70	6.60		
Wt. Moisture	(W7=W4-W5)	26.00	35.00	47.80	51.70	58.00		
Wt. Dry Soil	(W8=W5-W6)	220.70	261.40	325.50	302.80	327.90		
Water Content (%)	(W7/W8)*100	11.78%	13.39%	14.69%	17.07%	17.69%		
Dry Density (pcf)	(wd/(1+wc))	100.3	105.8	107.2	102.8	100.4		

Maximum Dry Density (pcf)	107.3
Optimum Moisture Content (%)	14.6
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%	

DESCRIPTION: SAND (SP), little to some silt, saturated, reddish brown (SAND TAILINGS).

USCS: SP

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

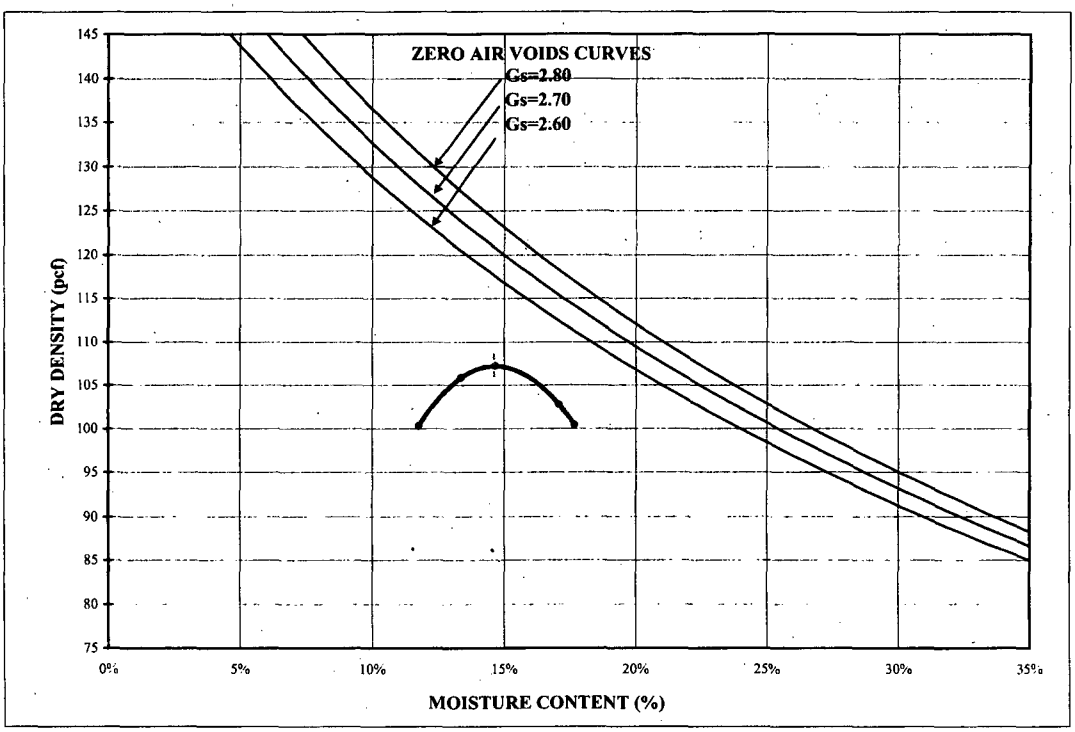
AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

TECH	LAQ
DATE	3/21/06
REVIEW	LAQ

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-06** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	100.3	11.8%
2	105.8	13.4%
3	107.2	14.7%
4	102.8	17.1%
5	100.4	17.7%

Maximum Dry Density (pcf)	107.3
Optimum Moisture (%)	14.6
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION SAND (SP), little to some silt, saturated, reddish brown (SAND TAILINGS).

USCS SP

TECH	LAQ
DATE	3/21/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-07		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		56.60
Wt Tare & Soil Dry	(W2)		41.90
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		14.70
Wt Dry Soil	(W5=W2-W3)		41.50
Water Content (dec)	(wc=W4/W5)		0.3542
Water Content (%)	(W4/W5)*100		35.42%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1794.70	1864.60	1909.10	1898.50	1858.50	1836.10	
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00	0.00	
Wt. of Wet Soil	(W3=W1-W2)	1794.70	1864.60	1909.10	1898.50	1858.50	1836.10	
Wet Density, wd (pcf)	(W3/453.6*Vm)	118.92	123.55	126.50	125.80	123.15	121.67	
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	330.10	279.60	369.50	368.40	384.40	409.50	
Wt. Tare & Soil Dry	(W5)	287.10	241.30	305.10	299.70	307.60	325.10	
Wt. Tare	(W6)	6.60	6.70	6.60	6.60	6.60	6.60	
Wt. Moisture	(W7=W4-W5)	43.00	38.30	64.40	68.70	76.80	84.40	
Wt. Dry Soil	(W8=W5-W6)	280.50	234.60	298.50	293.10	301.00	318.50	
Water Content (%)	(W7/W8)*100	15.33%	16.33%	21.57%	23.44%	25.51%	26.50%	
Dry Density (pcf)	(wd/(1+wc))	103.1	106.2	104.1	101.9	98.1	96.2	

Maximum Dry Density (pcf)	107.3
Optimum Moisture Content (%)	18.4
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: Sandy SILT (ML), moist, reddish brown (TRANSITION TAILINGS).

USCS: ML

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

AVERAGE ABSORPTION

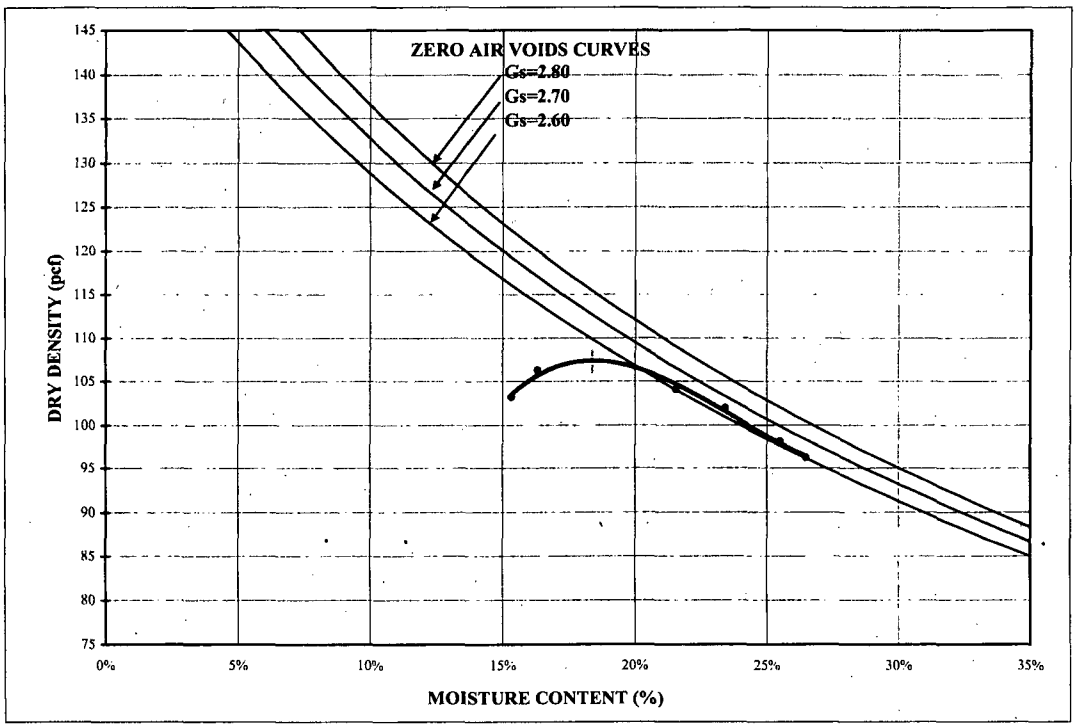
AVERAGE BULK SPECIFIC GRAVITY

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-07** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	103.1	15.3%
2	106.2	16.3%
3	104.1	21.6%
4	101.9	23.4%
5	98.1	25.5%
6	96.2	26.5%

Maximum Dry Density (pcf)	**107.3**
Optimum Moisture (%)	**18.4**
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	**1.0**
% Passing 3/8" sieve	**1.0**
% Passing 3/4" sieve	**1.0**

DESCRIPTION Sandy SILT (ML), moist, reddish brown (TRANSITION TAILINGS).

USCS ML

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-08		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		53.50
Wt Tare & Soil Dry	(W2)		46.00
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		7.50
Wt Dry Soil	(W5=W2-W3)		45.60
Water Content (dec)	(wc=W4/W5)		0.1645
Water Content (%)	(W4/W5)*100		16.45%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1834.70	1904.00	1955.40	1971.90	1948.90		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1834.70	1904.00	1955.40	1971.90	1948.90		
Wet Density, wd (pcf)	(W3/453.6*Vm)	121.57	126.16	129.57	130.66	129.14		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	262.40	274.80	395.00	286.10	462.60		
Wt. Tare & Soil Dry	(W5)	234.80	242.00	343.50	247.80	393.40		
Wt. Tare	(W6)	6.60	6.40	6.60	6.60	6.60		
Wt. Moisture	(W7=W4-W5)	27.60	32.80	51.50	38.30	69.20		
Wt. Dry Soil	(W8=W5-W6)	228.20	235.60	336.90	241.20	386.80		
Water Content (%)	(W7/W8)*100	12.09%	13.92%	15.29%	15.88%	17.89%		
Dry Density (pcf)	(wd/(1+wc))	108.5	110.7	112.4	112.8	109.5		

Maximum Dry Density (pcf)	112.8
Optimum Moisture Content (%)	16.0
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: Sandy SILT (ML), little to some clay, moist, reddish brown (TRANSITION TAILINGS).

USCS: ML

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

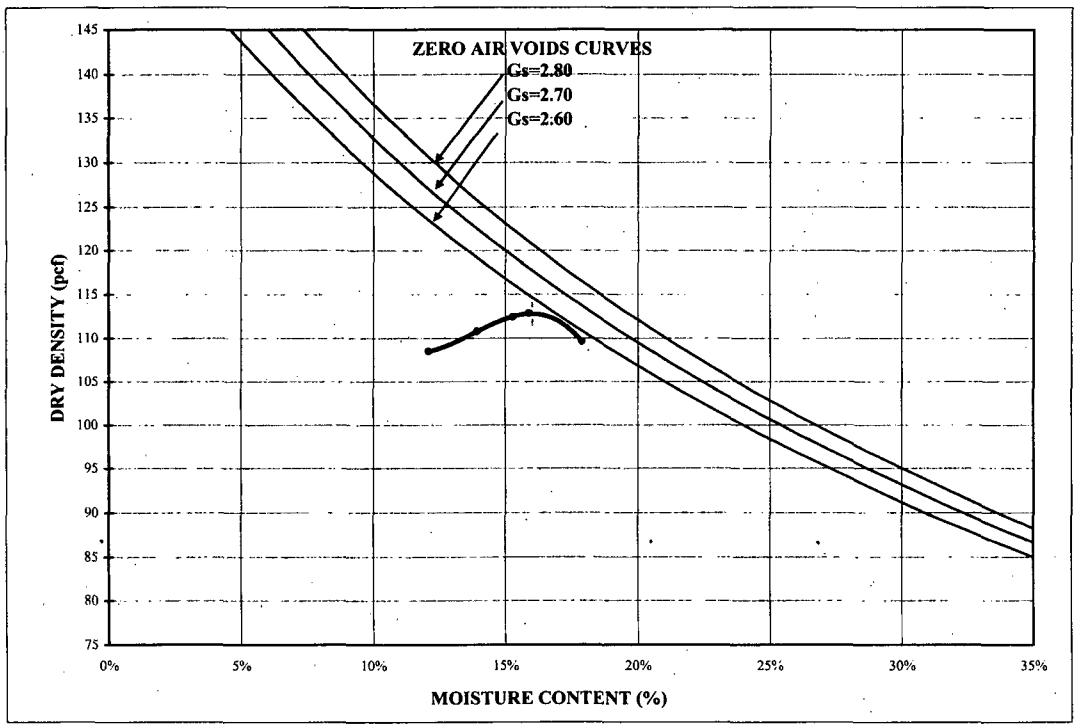
TECH	RPD
DATE	3/22/06
REVIEW	LAQ

March, 2006 0532269

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-08** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	108.5	12.1%
2	110.7	13.9%
3	112.4	15.3%
4	112.8	15.9%
5	109.5	17.9%

Maximum Dry Density (pcf)	112.8
Optimum Moisture (%)	16.0
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION Sandy SILT (ML), little to some clay, moist, reddish brown (TRANSITION TAILINGS).

USCS ML

TECH	RPD
DATE	38798
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-09		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		39.30
Wt Tare & Soil Dry	(W2)		28.80
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		10.50
Wt Dry Soil	(W5=W2-W3)		28.40
Water Content (dec)	(wc=W4/W5)		0.3697
Water Content (%)	(W4/W5)*100		36.97%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1760.40	1808.40	1836.80	1853.90	1871.10	1821.90	
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00	0.00	
Wt. of Wet Soil	(W3=W1-W2)	1760.40	1808.40	1836.80	1853.90	1871.10	1821.90	
Wet Density, wd (pcf)	(W3/453.6*Vm)	116.65	119.83	121.71	122.84	123.98	120.72	
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	328.20	287.60	451.70	399.20	357.80	409.00	
Wt. Tare & Soil Dry	(W5)	281.60	243.10	378.30	332.10	294.00	328.30	
Wt. Tare	(W6)	8.10	6.60	6.50	6.50	6.50	6.80	
Wt. Moisture	(W7=W4-W5)	46.60	44.50	73.40	67.10	63.80	80.70	
Wt. Dry Soil	(W8=W5-W6)	273.50	236.50	371.80	325.60	287.50	321.50	
Water Content (%)	(W7/W8)*100	17.04%	18.82%	19.74%	20.61%	22.19%	25.10%	
Dry Density (pcf)	(wd/(1+wc))	99.7	100.9	101.6	101.9	101.5	96.5	

Maximum Dry Density (pcf)	102.0
Optimum Moisture Content (%)	21.1
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: Sandy CLAY (CL), some silt, medium plasticity, grayish brown moist (TRANSITION TAILINGS).

USCS: CL

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

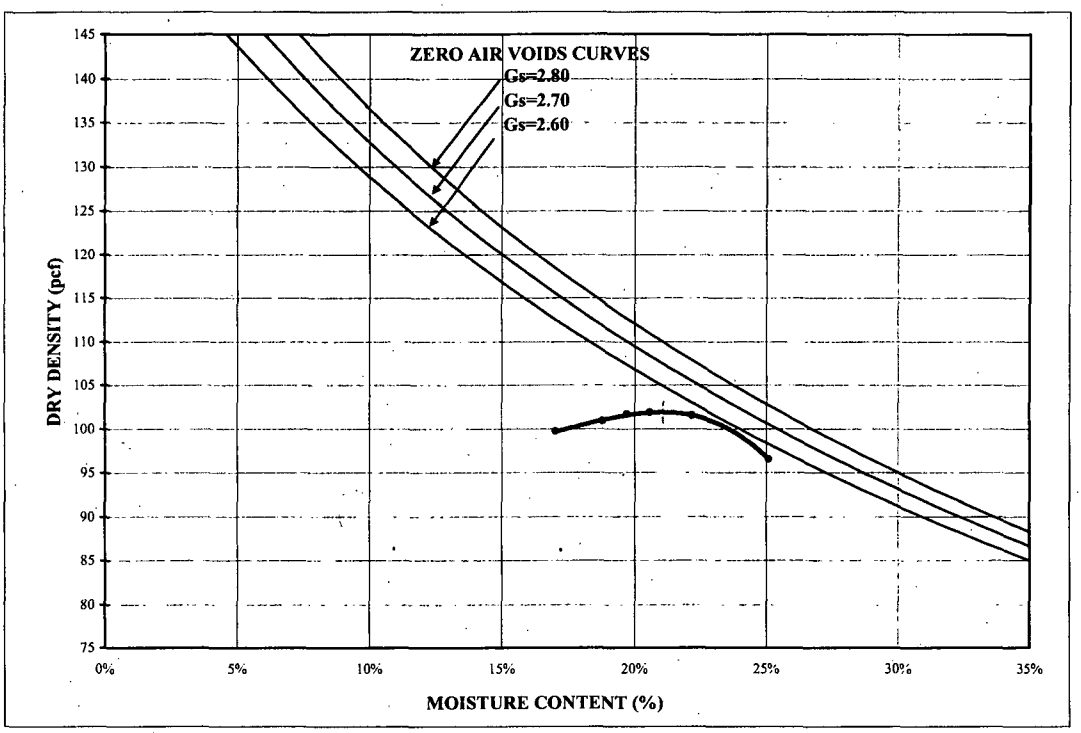
AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

TECH	RPD
DATE	2/23/06
REVIEW	LAQ

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-09** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	99.7	17.0%
2	100.9	18.8%
3	101.6	19.7%
4	101.9	20.6%
5	101.5	22.2%
6	96.5	25.1%

Maximum Dry Density (pcf)	102.0
Optimum Moisture (%)	21.1
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION Sandy CLAY (CL), some silt, medium plasticity, grayish brown, moist (TRANSITION TAILINGS).

USCS CL

TECH	RPD
DATE	2/23/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-10		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		48.50
Wt Tare & Soil Dry	(W2)		37.20
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		11.30
Wt Dry Soil	(W5=W2-W3)		36.80
Water Content (dec)	(wc=W4/W5)		0.3071
Water Content (%)	(W4/W5)*100		30.71%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1841.40	1897.30	1945.90	1923.40	1872.10		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1841.40	1897.30	1945.90	1923.40	1872.10		
Wet Density, wd (pcf)	(W3/453.6*Vm)	122.02	125.72	128.94	127.45	124.05		
WATER CONTENTS.								
Wt. Tare & Soil Wet	(W4)	374.50	379.20	392.60	295.20	373.90		
Wt. Tare & Soil Dry	(W5)	323.30	323.30	330.90	246.30	307.30		
Wt. Tare	(W6)	6.70	6.70	6.80	6.60	6.50		
Wt. Moisture	(W7=W4-W5)	51.20	55.90	61.70	48.90	66.60		
Wt. Dry Soil	(W8=W5-W6)	316.60	316.60	324.10	239.70	300.80		
Water Content (%)	(W7/W8)*100	16.17%	17.66%	19.04%	20.40%	22.14%		
Dry Density (pcf)	(wd/(1+wc))	105.0	106.9	108.3	105.9	101.6		

Maximum Dry Density (pcf)	107.8
Optimum Moisture Content (%)	18.7
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: Sandy CLAY (CL), some silt, medium plasticity, wet, dark gray (TRANSITION TAILINGS).

USCS: CL

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

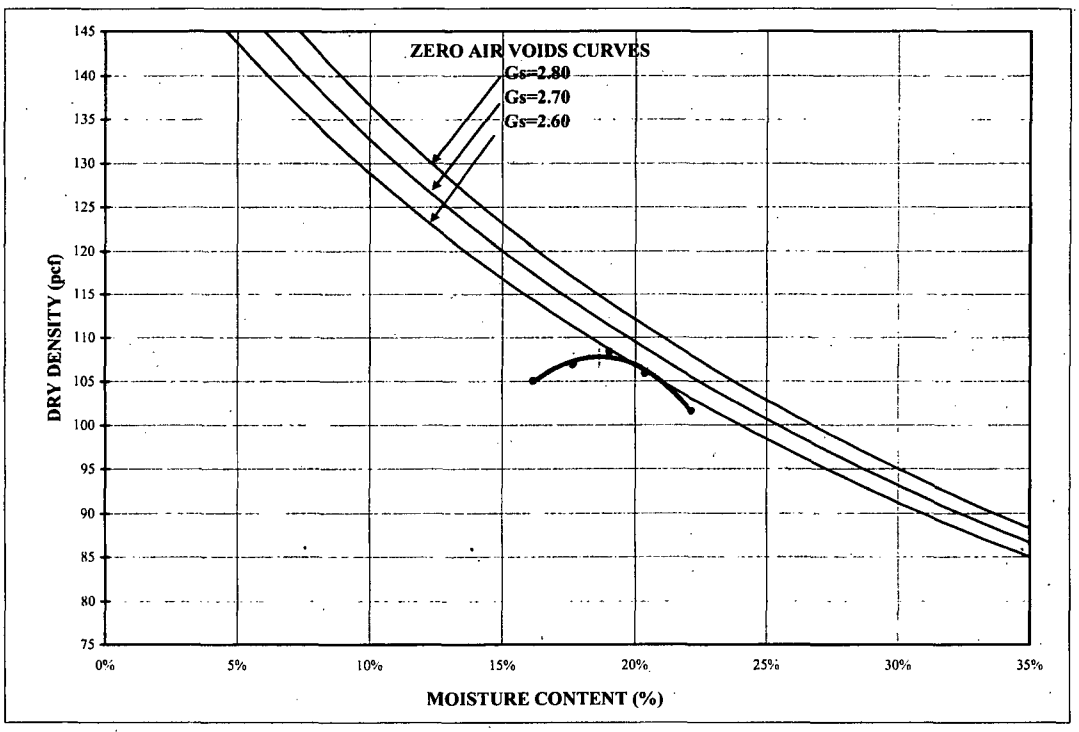
AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

TECH	RPD
DATE	3/21/06
REVIEW	LAQ

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-10** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	105.0	16.2%
2	106.9	17.7%
3	108.3	19.0%
4	105.9	20.4%
5	101.6	22.1%

Maximum Dry Density (pcf)	107.8
Optimum Moisture (%)	18.7
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	--
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION Sandy CLAY (CL), some silt, medium plasticity, wet, dark gray (TRANSITION TAILINGS).

USCS CL

TECH	RPD
DATE	3/21/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-11		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		52.70
Wt Tare & Soil Dry	(W2)		35.40
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		17.30
Wt Dry Soil	(W5=W2-W3)		35.00
Water Content (dec)	(wc=W4/W5)		0.4943
Water Content (%)	(W4/W5)*100		49.43%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1661.90	1765.00	1841.40	1785.60	1785.40		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1661.90	1765.00	1841.40	1785.60	1785.40		
Wet Density, wd (pcf)	(W3/453.6*Vm)	110.12	116.95	122.02	118.32	118.31		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	462.20	390.60	316.30	404.10	333.20		
Wt. Tare & Soil Dry	(W5)	379.90	313.00	250.20	311.60	256.60		
Wt. Tare	(W6)	6.60	6.60	6.60	6.60	6.60		
Wt. Moisture	(W7=W4-W5)	82.30	77.60	66.10	92.50	76.60		
Wt. Dry Soil	(W8=W5-W6)	373.30	306.40	243.60	305.00	250.00		
Water Content (%)	(W7/W8)*100	22.05%	25.33%	27.13%	30.33%	30.64%		
Dry Density (pcf)	(wd/(1+wc))	90.2	93.3	96.0	90.8	90.6		

Maximum Dry Density (pcf)	96.0
Optimum Moisture Content (%)	27.8
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: SILT (ML), low plasticity, moist, dark brown (SLIMES TAILINGS).

USCS: ML

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

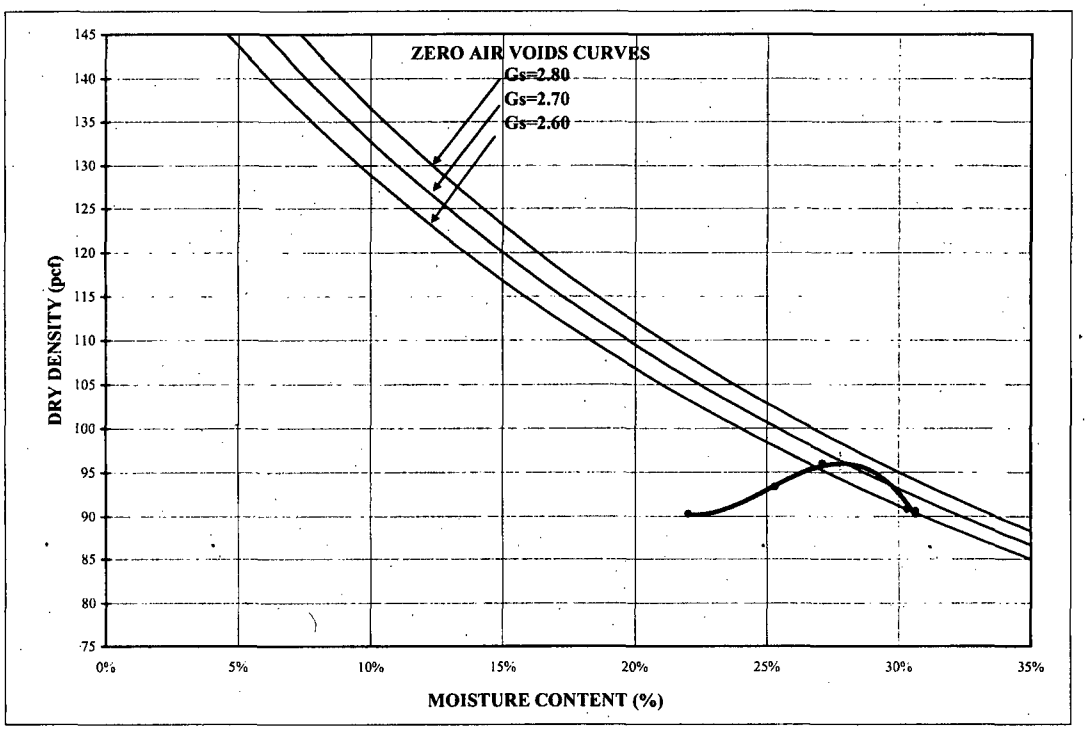
AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

TECH	RPD
DATE	03/23/06
REVIEW	LAQ

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-11** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	90.2	22.0%
2	93.3	25.3%
3	96.0	27.1%
4	90.8	30.3%
5	90.6	30.6%

Maximum Dry Density (pcf)	96.0
Optimum Moisture (%)	27.8
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	--
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION SILT (ML), low plasticity, moist, dark brown (SLIMES TAILINGS).

USCS ML

TECH	RPD
DATE	03/23/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-12		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		47.30
Wt Tare & Soil Dry	(W2)		33.70
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		13.60
Wt Dry Soil	(W5=W2-W3)		33.30
Water Content (dec)	(wc=W4/W5)		0.4084
Water Content (%)	(W4/W5)*100		40.84%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1777.40	1810.50	1873.90	1872.10	1843.20		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1777.40	1810.50	1873.90	1872.10	1843.20		
Wet Density, wd (pcf)	(W3/453.6*Vm)	117.78	119.97	124.17	124.05	122.14		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	289.60	287.80	286.20	293.50	403.60		
Wt. Tare & Soil Dry	(W5)	245.00	240.40	235.80	238.20	324.60		
Wt. Tare	(W6)	6.70	6.60	6.60	6.60	6.60		
Wt. Moisture	(W7=W4-W5)	44.60	47.40	50.40	55.30	79.00		
Wt. Dry Soil	(W8=W5-W6)	238.30	233.80	229.20	231.60	318.00		
Water Content (%)	(W7/W8)*100	18.72%	20.27%	21.99%	23.88%	24.84%		
Dry Density (pcf)	(wd/(1+wc))	99.2	99.7	101.8	100.1	97.8		

Maximum Dry Density (pcf)	101.6
Optimum Moisture Content (%)	22.5
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: Silty Clay (CL), medium plasticity, moist, grayish brown (SLIMES TAILINGS).

USCS: CL

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

AVERAGE ABSORPTION

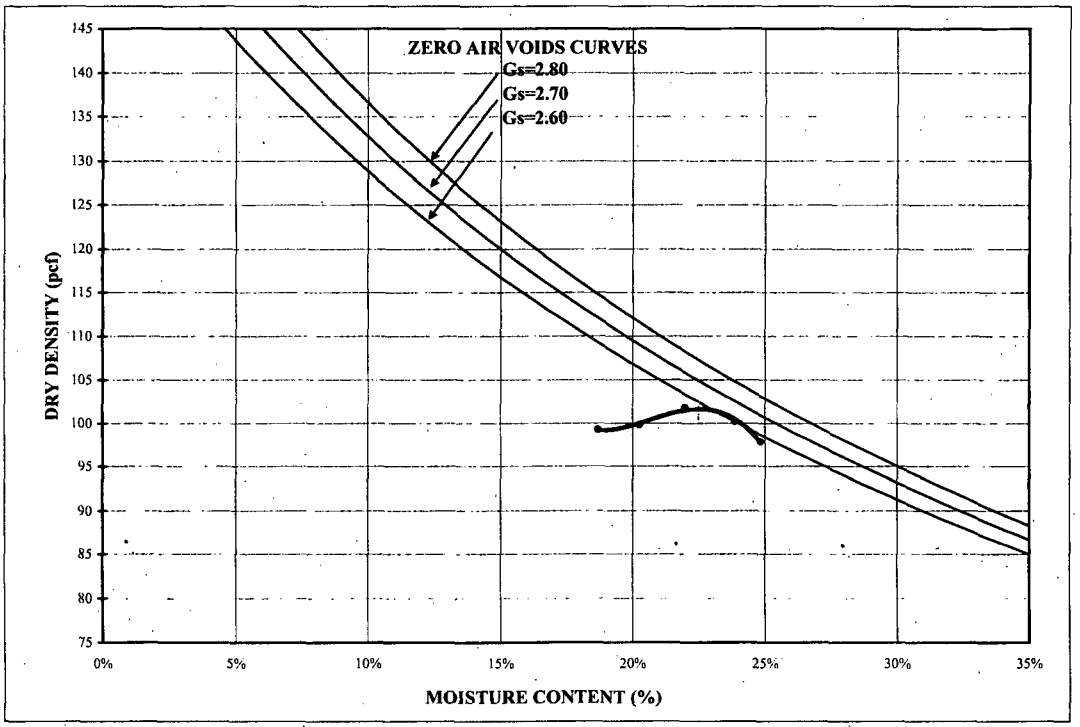
AVERAGE BULK SPECIFIC GRAVITY

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: **Moab Tailings**
PROJECT NUMBER: **0532269**
SAMPLE ID: **GABT-12** DEPTH: **NA** SAMPLE TYPE: **Composite**



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	99.2	18.7%
2	99.7	20.3%
3	101.8	22.0%
4	100.1	23.9%
5	97.8	24.8%

Maximum Dry Density (pcf)	101.6
Optimum Moisture (%)	22.5
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION Silty Clay (CL), medium plasticity, moist, grayish brown (SLIMES TAILINGS).

USCS CL

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings	TEST TYPE	ASTM D 698 — Method A
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-13 — NA		
SAMPLE TYPE	Composite		

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		46.60
Wt Tare & Soil Dry	(W2)		34.00
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		12.60
Wt Dry Soil	(W5=W2-W3)		33.60
Water Content (dec)	(wc=W4/W5)		0.3750
Water Content (%)	(W4/W5)*100		37.50%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1804.20	1827.40	1845.30	1857.20	1820.60		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1804.20	1827.40	1845.30	1857.20	1820.60		
Wet Density, wd (pcf)	(W3/453.6*Vm)	119.55	121.09	122.27	123.06	120.64		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	269.40	252.00	314.80	287.00	275.60		
Wt. Tare & Soil Dry	(W5)	214.30	199.10	244.20	222.40	210.50		
Wt. Tare	(W6)	6.70	6.70	6.70	6.70	6.70		
Wt. Moisture	(W7=W4-W5)	55.10	52.90	70.60	64.60	65.10		
Wt. Dry Soil	(W8=W5-W6)	207.60	192.40	237.50	215.70	203.80		
Water Content (%)	(W7/W8)*100	26.54%	27.49%	29.73%	29.95%	31.94%		
Dry Density (pcf)	(wd/(1+wc))	94.5	95.0	94.3	94.7	91.4		

Maximum Dry Density (pcf)	95.0
Optimum Moisture Content (%)	28.7
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: CLAY (CL), low to medium plasticity, moist, grayish brown (SLIMES TAILINGS).

USCS: CL

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

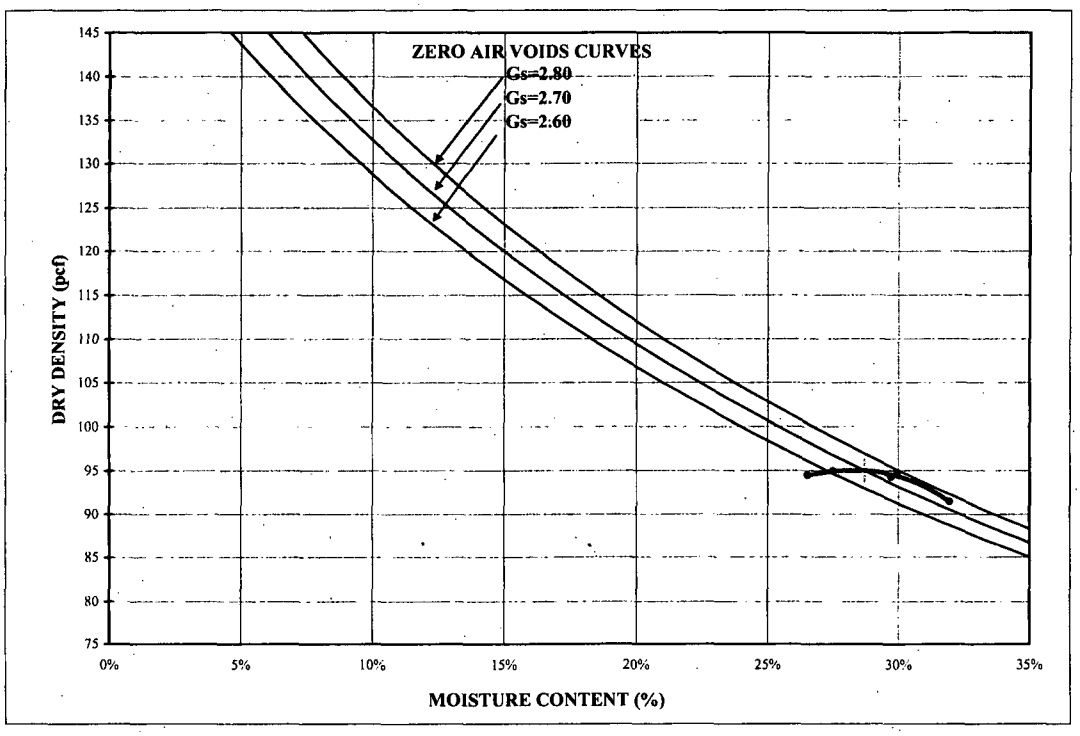
TECH	LAQ
DATE	03/23/06
REVIEW	LAQ

March , 2006 0532269

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: Moab Tailings
PROJECT NUMBER: 0532269
SAMPLE ID: GABT-13 DEPTH: NA SAMPLE TYPE: Composite



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	94.5	26.5%
2	95.0	27.5%
3	94.3	29.7%
4	94.7	29.9%
5	91.4	31.9%

Maximum Dry Density (pcf)	95.0
Optimum Moisture (%)	28.7
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	--
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION: CLAY (CL), low to medium plasticity, moist, grayish brown (SLIMES TAILINGS).

USCS: CL

TECH: LAQ
DATE: 03/23/06
REVIEW: LAQ

ASTM D 698 & 1557

PROJECT NAME	Moab Tailings		
PROJECT NUMBER	0532269		
SAMPLE IDENTITY	GABT-14		NA
SAMPLE TYPE	Composite		

TEST TYPE: ASTM D 698 — Method A

Mold Number	217
Mold Weight (gm)	0.00
Mold Diameter (in.)	4.000
Mold Height (in.)	4.575
Mold Volume (cu.ft.)	0.0333

TYPE COMPACTOR: Mechanical

PREPARATION: Wet Method

TYPE PROCTOR: Standard

5.5 -lbf. Rammer with 12 inch drop

Method A: 20% OR LESS RETAINED ON #4

Method B: > 20% RETAINED ON #4 AND 20% OR LESS RETAINED ON 3/8"

Method C: > 20% RETAINED ON 3/8" AND < 30% RETAINED ON 3/4"

WATER CONTENT		COARSE FRACTION	TOTAL SAMPLE
Wt Tare & Soil Wet	(W1)		68.80
Wt Tare & Soil Dry	(W2)		45.30
Wt Tare	(W3)		0.40
Wt Moisture	(W4=W1-W2)		23.50
Wt Dry Soil	(W5=W2-W3)		44.90
Water Content (dec)	(wc=W4/W5)		0.5234
Water Content (%)	(W4/W5)*100		52.34%

Total weight before processing and percent retained

Total weight, wet (coarse & fine)	0.00
Total weight, dry (coarse & fine)	0.00
Weight retained on #4 sieve (wet)	0.00
Weight retained on 3/8" sieve (wet)	0.00
Weight retained on 3/4" sieve (wet)	0.00
Percent retained on #4 sieve (dry)	0.00%
Percent retained on 3/8" sieve (dry)	0.00%
Percent retained on 3/4" sieve (dry)	0.00%

POINT RESULTS (FINE)		1	2	3	4	5	6	7
Wt. Soil & Mold	(W1)	1706.30	1724.10	1832.90	1822.50	1819.80		
Weight of Mold	(W2)	0.00	0.00	0.00	0.00	0.00		
Wt. of Wet Soil	(W3=W1-W2)	1706.30	1724.10	1832.90	1822.50	1819.80		
Wet Density, wd (pcf)	(W3/453.6*Vm)	113.06	114.24	121.45	120.76	120.59		
WATER CONTENTS								
Wt. Tare & Soil Wet	(W4)	356.50	285.60	232.80	414.70	418.70		
Wt. Tare & Soil Dry	(W5)	307.40	243.50	195.70	345.90	342.60		
Wt. Tare	(W6)	6.80	6.70	6.60	6.70	6.80		
Wt. Moisture	(W7=W4-W5)	49.10	42.10	37.10	68.80	76.10		
Wt. Dry Soil	(W8=W5-W6)	300.60	236.80	189.10	339.20	335.80		
Water Content (%)	(W7/W8)*100	16.33%	17.78%	19.62%	20.28%	22.66%		
Dry Density (pcf)	(wd/(1+wc))	97.2	97.0	101.5	100.4	98.3		

Maximum Dry Density (pcf)	101.5
Optimum Moisture Content (%)	20.9
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	

DESCRIPTION: CLAY (CH), High plasticity, moist, dark gray (SLIMES TAILINGS).

USCS: CH

Specific Gravity And Absorption of Coarse Aggregate - ASTM C 127

Weight of Oven Dry Sample (gm)	A			
Weight of Saturated-Surface-Dry (gm)	B			
Weight of Saturated Sample in Water (gm)	C			
Absorption of Oversize Particles (%)	[(B-A)/A]*100			
Bulk Specific Gravity	A/(B-C)			

AS-RECEIVED MOISTURE CONTENT: –

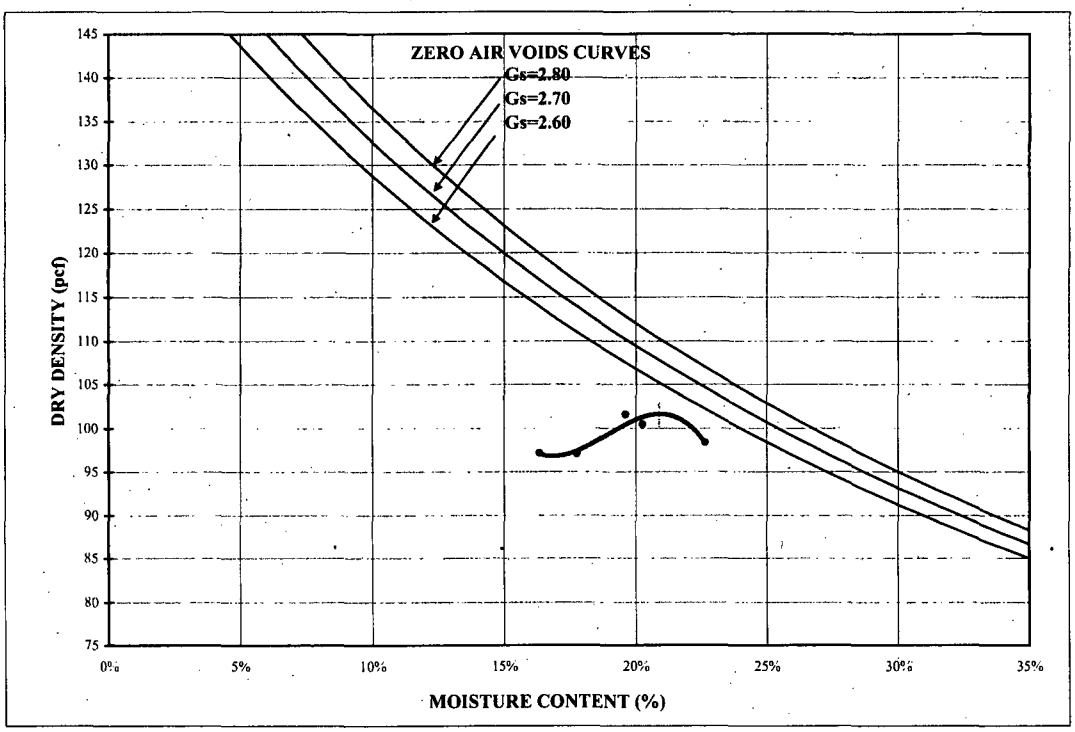
AVERAGE ABSORPTION	
AVERAGE BULK SPECIFIC GRAVITY	

TECH	LAQ
DATE	3/23/06
REVIEW	LAQ

MOISTURE / DRY DENSITY CURVE
ASTM D 698 Method A

Mechanical	Standard	Wet Method

PROJECT NAME: *Moab Tailings*
PROJECT NUMBER: 0532269
SAMPLE ID: GABT-14 DEPTH: NA SAMPLE TYPE: Composite



COMPACTION POINTS		
Specimen Number	Dry Density (pcf)	Moisture Content (%)
1	97.2	16.3%
2	97.0	17.8%
3	101.5	19.6%
4	100.4	20.3%
5	98.3	22.7%

Maximum Dry Density (pcf)	101.5
Optimum Moisture (%)	20.9
Corrected Maximum Dry Density (pcf)	
Corrected Optimum Moisture (%)	
As-Received Moisture Content	–
% Passing #4 sieve	1.0
% Passing 3/8" sieve	1.0
% Passing 3/4" sieve	1.0

DESCRIPTION: CLAY (CH), High plasticity, moist, dark gray (SLIMES TAILINGS).

USCS: CH

TECH	LAQ
DATE	3/23/06
REVIEW	LAQ

LOOSE AND SETTLED DENSITY TESTING

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-01	N/A
SAMPLE TYPE	Composite	

Mold Number	A3
Mold Weight (lb)	9.572
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	488.90
Wt Tare & Soil Dry	(W2)	457.60
Wt Tare	(W3)	6.80
Wt Moisture	(W4=W1-W2)	31.30
Wt Dry Soil	(W5=W2-W3)	450.80
Water Content (dec)	(wc=W4/W5)	0.0694
Water Content (%)	(W4/W5)*100	6.94%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.950
Mass of wet soil (lb)	2.378
Wet Density of Soil (pcf)	71.51
Dry Density of Soil (pcf)	66.86

SETTLE DENSITY

Average Settlement (in.)	1.406
Settled Height (in.)	3.167
Settlement Volume (cu.ft.)	0.0230
Mass of wet soil & mold (lb)	11.950
Mass of wet soil (lb)	2.378
Wet Density of Soil (pcf)	103.26
Dry Density of Soil (pcf)	96.56

Settlement (in.):
1.375
1.438
1.406
1.375
1.469
1.375

Loose Wet Density (pcf)	71.506
Loose Dry Density (pcf)	66.864
Settled Wet Density (pcf)	103.263
Settled Dry Density (pcf)	96.558
Vertical Percent Settlement	30.75%
Percent Compaction	82.04%

Sample Description:

SAND (SP), little silt, trace gravel, fine grained, reddish brown (COVER SOIL).

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-02	N/A
SAMPLE TYPE	Composite	

Mold Number	A3
Mold Weight (lb)	9.572
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	443.20
Wt Tare & Soil Dry	(W2)	411.90
Wt Tare	(W3)	6.60
Wt Moisture	(W4=W1-W2)	31.30
Wt Dry Soil	(W5=W2-W3)	405.30
Water Content (dec)	(wc=W4/W5)	0.0772
Water Content (%)	(W4/W5)*100	7.72%

LOOSE DENSITY

Mass of wet soil & mold (lb)	12.190
Mass of wet soil (lb)	2.618
Wet Density of Soil (pcf)	78.72
Dry Density of Soil (pcf)	73.08

SETTLE DENSITY

Average Settlement (in.)	1.005
Settled Height (in.)	3.568
Settlement Volume (cu.ft.)	0.0259
Mass of wet soil & mold (lb)	12.190
Mass of wet soil (lb)	2.618
Wet Density of Soil (pcf)	*100.91*
Dry Density of Soil (pcf)	93.67

Settlement (in.):
1.000
1.000
1.063
1.031
1.000
0.938

Loose Wet Density (pcf)	78.723
Loose Dry Density (pcf)	73.079
Settled Wet Density (pcf)	100.907
Settled Dry Density (pcf)	93.673
Vertical Percent Settlement	21.98%
Percent Compaction	85.78%

Sample Description:

SAND (SP), some silt, poorly graded, yellowish brown (COVER SOIL).

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-03	N/A
SAMPLE TYPE	Composite	

Mold Number	A3
Mold Weight (lb)	9.572
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	387.60
Wt Tare & Soil Dry	(W2)	351.60
Wt Tare	(W3)	6.70
Wt Moisture	(W4=W1-W2)	36.00
Wt Dry Soil	(W5=W2-W3)	344.90
Water Content (dec)	(wc=W4/W5)	0.1044
Water Content (%)	(W4/W5)*100	10.44%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.692
Mass of wet soil (lb)	2.120
Wet Density of Soil (pcf)	63.75
Dry Density of Soil (pcf)	57.72

SETTLE DENSITY

Average Settlement (in.)	1.443
Settled Height (in.)	3.130
Settlement Volume (cu.ft.)	0.0228
Mass of wet soil & mold (lb)	11.692
Mass of wet soil (lb)	2.120
Wet Density of Soil (pcf)	93.13
Dry Density of Soil (pcf)	84.33

Settlement (in.):
1.375
1.438
1.438
1.500
1.531
1.375

Loose Wet Density (pcf)	63.748
Loose Dry Density (pcf)	57.723
Settled Wet Density (pcf)	93.133
Settled Dry Density (pcf)	84.330
Vertical Percent Settlement	31.55%
Percent Compaction	79.33%

Sample Description:

SAND (SP), some silt, poorly graded, moist, yellowish brown (SAND TAILINGS).

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-04	N/A
SAMPLE TYPE	Composite	

Mold Number	B3
Mold Weight (lb)	9.578
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	364.00
Wt Tare & Soil Dry	(W2)	327.70
Wt Tare	(W3)	8.10
Wt Moisture	(W4=W1-W2)	36.30
Wt Dry Soil	(W5=W2-W3)	319.60
Water Content (dec)	(wc=W4/W5)	0.1136
Water Content (%)	(W4/W5)*100	11.36%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.775
Mass of wet soil (lb)	2.197
Wet Density of Soil (pcf)	66.06
Dry Density of Soil (pcf)	59.33

SETTLE DENSITY

Average Settlement (in.)	1.396
Settled Height (in.)	3.177
Settlement Volume (cu.ft.)	0.0231
Mass of wet soil & mold (lb)	11.775
Mass of wet soil (lb)	2.197
Wet Density of Soil (pcf)	95.09
Dry Density of Soil (pcf)	85.39

Settlement (in.):	
	1.313
	1.375
	1.625
	1.500
	1.313
	1.250

Loose Wet Density (pcf)	66.064
Loose Dry Density (pcf)	59.326
Settled Wet Density (pcf)	95.093
Settled Dry Density (pcf)	85.394
Vertical Percent Settlement	30.53%
Percent Compaction	82.19%

Sample Description:
SAND (SP), trace to little silt, trace clay, poorly graded, moist, light brown (SAND TAILINGS).

TECH	LAQ
DATE	3/23/06
REVIEW	RPD

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-05	N/A
SAMPLE TYPE	Composite	

Mold Number	A3
Mold Weight (lb)	9.572
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	440.20
Wt Tare & Soil Dry	(W2)	359.70
Wt Tare	(W3)	6.50
Wt Moisture	(W4=W1-W2)	80.50
Wt Dry Soil	(W5=W2-W3)	353.20
Water Content (dec)	(wc=W4/W5)	0.2279
Water Content (%)	(W4/W5)*100	22.79%

LOOSE DENSITY

Mass of wet soil & mold (lb)	13.000
Mass of wet soil (lb)	3.428
Wet Density of Soil (pcf)	103.08
Dry Density of Soil (pcf)	83.95

SETTLE DENSITY

Average Settlement (in.)	0.844
Settled Height (in.)	3.729
Settlement Volume (cu.ft.)	0.0271
Mass of wet soil & mold (lb)	13.000
Mass of wet soil (lb)	3.428
Wet Density of Soil (pcf)	126.40
Dry Density of Soil (pcf)	102.94

Settlement (in.):
0.875
0.750
0.875
0.875
0.938
0.750

Loose Wet Density (pcf)	103.080
Loose Dry Density (pcf)	83.947
Settled Wet Density (pcf)	126.405
Settled Dry Density (pcf)	102.942
Vertical Percent Settlement	18.45%
Percent Compaction	90.86%

Sample Description:

Clayey SAND (SC), poorly graded, saturated, reddish brown (TRANSITION TAILINGS).

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   - * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   - * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.
3. Free standing water present above sample at time of testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-06	N/A
SAMPLE TYPE	Composite	

Mold Number	B3
Mold Weight (lb)	9.578
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	307.30
Wt Tare & Soil Dry	(W2)	284.80
Wt Tare	(W3)	8.10
Wt Moisture	(W4=W1-W2)	22.50
Wt Dry Soil	(W5=W2-W3)	276.70
Water Content (dec)	(wc=W4/W5)	0.0813
Water Content (%)	(W4/W5)*100	8.13%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.800
Mass of wet soil (lb)	2.222
Wet Density of Soil (pcf)	66.82
Dry Density of Soil (pcf)	61.79

SETTLE DENSITY

Average Settlement (in.)	1.386
Settled Height (in.)	3.188
Settlement Volume (cu.ft.)	0.0232
Mass of wet soil & mold (lb)	11.800
Mass of wet soil (lb)	2.222
Wet Density of Soil (pcf)	95.86
Dry Density of Soil (pcf)	88.65

Settlement (in.):
1.313
1.500
1.375
1.500
1.375
1.250

Loose Wet Density (pcf)	66.815
Loose Dry Density (pcf)	61.791
Settled Wet Density (pcf)	95.858
Settled Dry Density (pcf)	88.649
Vertical Percent Settlement	30.30%
Percent Compaction	82.62%

Sample Description:

SAND (SP), little to some silt, saturated, reddish brown (SAND TAILINGS).

TECH	LAQ
DATE	3/23/06
REVIEW	RPD

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-07	N/A
SAMPLE TYPE	Composite	

Mold Number	A3
Mold Weight (lb)	9.572
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	512.20
Wt Tare & Soil Dry	(W2)	376.50
Wt Tare	(W3)	8.10
Wt Moisture	(W4=W1-W2)	135.70
Wt Dry Soil	(W5=W2-W3)	368.40
Water Content (dec)	(wc=W4/W5)	0.3683
Water Content (%)	(W4/W5)*100	36.83%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.991
Mass of wet soil (lb)	2.419
Wet Density of Soil (pcf)	72.74
Dry Density of Soil (pcf)	53.16

SETTLE DENSITY

Average Settlement (in.)	1.698
Settled Height (in.)	2.875
Settlement Volume (cu.ft.)	0.0209
Mass of wet soil & mold (lb)	11.991
Mass of wet soil (lb)	2.419
Wet Density of Soil (pcf)	115.71
Dry Density of Soil (pcf)	84.56

Settlement (in.):
1.625
1.625
1.813
1.750
1.813
1.563

Loose Wet Density (pcf)	72.739
Loose Dry Density (pcf)	53.158
Settled Wet Density (pcf)	115.706
Settled Dry Density (pcf)	84.559
Vertical Percent Settlement	37.13%
Percent Compaction	78.81%

Sample Description:

Sandy SILT (ML), moist, reddish brown (TRANSITION TAILINGS).

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table.
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-07a	N/A
SAMPLE TYPE	Composite	

Mold Number	A3
Mold Weight (lb)	9.572
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	556.80
Wt Tare & Soil Dry	(W2)	433.40
Wt Tare	(W3)	6.70
Wt Moisture	(W4=W1-W2)	123.40
Wt Dry Soil	(W5=W2-W3)	426.70
Water Content (dec)	(wc=W4/W5)	0.2892
Water Content (%)	(W4/W5)*100	28.92%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.698
Mass of wet soil (lb)	2.126
Wet Density of Soil (pcf)	63.93
Dry Density of Soil (pcf)	49.59

SETTLE DENSITY

Average Settlement (in.)	2.136
Settled Height (in.)	2.437
Settlement Volume (cu.ft.)	0.0177
Mass of wet soil & mold (lb)	11.698
Mass of wet soil (lb)	2.126
Wet Density of Soil (pcf)	119.95
Dry Density of Soil (pcf)	93.04

Settlement (in.):
2.188
2.188
2.063
2.125
2.188
2.063

Loose Wet Density (pcf)	63.929
Loose Dry Density (pcf)	49.588
Settled Wet Density (pcf)	119.953
Settled Dry Density (pcf)	93.045
Vertical Percent Settlement	46.71%
Percent Compaction	86.71%

Sample Description:

Sandy SILT (ML), moist, reddish brown (TRANSITION TAILINGS).

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.
3. Sample processed through a No. 4 screen.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-08	N/A
SAMPLE TYPE	Composite	

Mold Number	B3
Mold Weight (lb)	9.578
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	334.80
Wt Tare & Soil Dry	(W2)	294.00
Wt Tare	(W3)	6.60
Wt Moisture	(W4=W1-W2)	40.80
Wt Dry Soil	(W5=W2-W3)	287.40
Water Content (dec)	(wc=W4/W5)	0.1420
Water Content (%)	(W4/W5)*100	14.20%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.959
Mass of wet soil (lb)	2.381
Wet Density of Soil (pcf)	71.60
Dry Density of Soil (pcf)	62.70

SETTLE DENSITY

Average Settlement (in.)	1.521
Settled Height (in.)	3.052
Settlement Volume (cu.ft.)	0.0222
Mass of wet soil & mold (lb)	11.959
Mass of wet soil (lb)	2.381
Wet Density of Soil (pcf)	107.27
Dry Density of Soil (pcf)	93.94

Settlement (in.):
1.750
1.750
1.375
1.375
1.500
1.375

Loose Wet Density (pcf)	71.597
Loose Dry Density (pcf)	62.696
Settled Wet Density (pcf)	107.272
Settled Dry Density (pcf)	93.936
Vertical Percent Settlement	33.26%
Percent Compaction	83.28%

Sample Description:

Sandy SILT (ML), little to some clay, moist, reddish brown (TRANSITION TAILINGS).

TECH	LAQ
DATE	3/23/06
REVIEW	RPD

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABF-09	N/A
SAMPLE TYPE	Composite	

Mold Number	B3
Mold Weight (lb)	9.578
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	227.60
Wt Tare & Soil Dry	(W2)	175.10
Wt Tare	(W3)	6.60
Wt Moisture	(W4=W1-W2)	52.50
Wt Dry Soil	(W5=W2-W3)	168.50
Water Content (dec)	(wc=W4/W5)	0.3116
Water Content (%)	(W4/W5)*100	31.16%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.965
Mass of wet soil (lb)	2.387
Wet Density of Soil (pcf)	71.78
Dry Density of Soil (pcf)	54.73

SETTLE DENSITY

Average Settlement (in.)	1.782
Settled Height (in.)	2.792
Settlement Volume (cu.ft.)	0.0203

Settlement (in.):	
	1.938
	1.750
	1.688
	1.750
	1.938
	1.625

Mass of wet soil & mold (lb)	11.965
Mass of wet soil (lb)	2.387
Wet Density of Soil (pcf)	117.58
Dry Density of Soil (pcf)	89.65

Loose Wet Density (pcf)	71.777
Loose Dry Density (pcf)	54.726
Settled Wet Density (pcf)	117.584
Settled Dry Density (pcf)	89.651

Sample Description:

Sandy CLAY (CL), some silt, medium plasticity, grayish brown, moist (TRANSITION TAILINGS).

Vertical Percent Settlement	38.96%
Percent Compaction	87.89%

TECH	LAQ
DATE	3/23/06
REVIEW	RPD

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-10	N/A
SAMPLE TYPE	Composite	

Mold Number	B3
Mold Weight (lb)	9.578
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	205.30
Wt Tare & Soil Dry	(W2)	166.20
Wt Tare	(W3)	6.60
Wt Moisture	(W4=W1-W2)	39.10
Wt Dry Soil	(W5=W2-W3)	159.60
Water Content (dec)	(wc=W4/W5)	0.2450
Water Content (%)	(W4/W5)*100	24.50%

LOOSE DENSITY

Mass of wet soil & mold (lb)	12.320
Mass of wet soil (lb)	2.742
Wet Density of Soil (pcf)	82.45
Dry Density of Soil (pcf)	66.23

SETTLE DENSITY

Average Settlement (in.)	1.604
Settled Height (in.)	2.969
Settlement Volume (cu.ft.)	0.0216
Mass of wet soil & mold (lb)	12.320
Mass of wet soil (lb)	2.742
Wet Density of Soil (pcf)	127.00
Dry Density of Soil (pcf)	102.01

Settlement (in.):
1.750
1.750
1.500
1.500
1.500
1.625

Loose Wet Density (pcf)	82.452
Loose Dry Density (pcf)	66.227
Settled Wet Density (pcf)	127.003
Settled Dry Density (pcf)	102.012
Vertical Percent Settlement	35.08%
Percent Compaction	94.63%

Sample Description:

Sandy CLAY (CL), some silt, medium plasticity, wet, dark gray (TRANSITION TAILINGS).

TECH	LAQ
DATE	3/23/06
REVIEW	RPD

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   - * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   - * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-11	N/A
SAMPLE TYPE	Composite	

Mold Number	A3
Mold Weight (lb)	9.572
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	397.20
Wt Tare & Soil Dry	(W2)	278.30
Wt Tare	(W3)	6.60
Wt Moisture	(W4=W1-W2)	118.90
Wt Dry Soil	(W5=W2-W3)	271.70
Water Content (dec)	(wc=W4/W5)	0.4376
Water Content (%)	(W4/W5)*100	43.76%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.512
Mass of wet soil (lb)	1.940
Wet Density of Soil (pcf)	58.34
Dry Density of Soil (pcf)	40.58

SETTLE DENSITY

Average Settlement (in.)	1.750
Settled Height (in.)	2.823
Settlement Volume (cu.ft.)	0.0205
Mass of wet soil & mold (lb)	11.512
Mass of wet soil (lb)	1.940
Wet Density of Soil (pcf)	94.50
Dry Density of Soil (pcf)	65.73

Settlement (in.):
1.750
1.875
1.875
1.625
1.750
1.625

Loose Wet Density (pcf)	58.336
Loose Dry Density (pcf)	40.578
Settled Wet Density (pcf)	94.498
Settled Dry Density (pcf)	65.733
Vertical Percent Settlement	38.27%
Percent Compaction	68.47%

Sample Description:

SILT (ML), low plasticity, moist, dark brown (SLIMES TAILINGS).

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-12	N/A
SAMPLE TYPE	Composite	

Mold Number	A3
Mold Weight (lb)	9.572
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	475.00
Wt Tare & Soil Dry	(W2)	324.20
Wt Tare	(W3)	6.60
Wt Moisture	(W4=W1-W2)	150.80
Wt Dry Soil	(W5=W2-W3)	317.60
Water Content (dec)	(wc=W4/W5)	0.4748
Water Content (%)	(W4/W5)*100	47.48%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.920
Mass of wet soil (lb)	2.348
Wet Density of Soil (pcf)	70.60
Dry Density of Soil (pcf)	47.87

SETTLE DENSITY

Average Settlement (in.)	0.771
Settled Height (in.)	3.802
Settlement Volume (cu.ft.)	0.0277
Mass of wet soil & mold (lb)	11.920
Mass of wet soil (lb)	2.348
Wet Density of Soil (pcf)	84.92
Dry Density of Soil (pcf)	57.58

Settlement (in.):
0.750
0.875
0.750
0.750
0.750
0.750

Loose Wet Density (pcf)	70.604
Loose Dry Density (pcf)	47.873
Settled Wet Density (pcf)	84.918
Settled Dry Density (pcf)	57.579
Vertical Percent Settlement	16.86%
Percent Compaction	56.67%

Sample Description:

Silty Clay (CL), medium plasticity, moist, grayish brown (SLIMES TAILINGS).

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-13	N/A
SAMPLE TYPE	Composite	

Mold Number	B3
Mold Weight (lb)	9.578
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	327.30
Wt Tare & Soil Dry	(W2)	233.30
Wt Tare	(W3)	6.70
Wt Moisture	(W4=W1-W2)	94.00
Wt Dry Soil	(W5=W2-W3)	226.60
Water Content (dec)	(wc=W4/W5)	0.4148
Water Content (%)	(W4/W5)*100	41.48%

LOOSE DENSITY

Mass of wet soil & mold (lb)	11.870
Mass of wet soil (lb)	2.292
Wet Density of Soil (pcf)	68.92
Dry Density of Soil (pcf)	48.71

SETTLE DENSITY

Average Settlement (in.)	1.813
Settled Height (in.)	2.761
Settlement Volume (cu.ft.)	0.0201
Mass of wet soil & mold (lb)	11.870
Mass of wet soil (lb)	2.292
Wet Density of Soil (pcf)	114.17
Dry Density of Soil (pcf)	80.70

Settlement (in.):
2.000
1.875
1.875
1.750
1.750
1.625

Loose Wet Density (pcf)	68.920
Loose Dry Density (pcf)	48.713
Settled Wet Density (pcf)	114.172
Settled Dry Density (pcf)	80.697
Vertical Percent Settlement	39.63%
Percent Compaction	84.94%

Sample Description:

CLAY (CL), low to medium plasticity, moist, grayish brown (SLIMES TAILINGS).

TECH	LAQ
DATE	3/23/06
REVIEW	RPD

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   * ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   * ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

LOOSE & SETTLED DENSITY

PROJECT NAME	Moab Tailings	
PROJECT NUMBER	053-2269	
SAMPLE IDENTITY	GABT-14	N/A
SAMPLE TYPE	Composite	

Mold Number	A3
Mold Weight (lb)	9.572
Mold Diameter (in.)	4.000
Mold Height (in.)	4.573
Mold Volume (cu.ft.)	0.0333

WATER CONTENT

Wt Tare & Soil Wet	(W1)	470.00
Wt Tare & Soil Dry	(W2)	324.20
Wt Tare	(W3)	6.60
Wt Moisture	(W4=W1-W2)	145.80
Wt Dry Soil	(W5=W2-W3)	317.60
Water Content (dec)	(wc=W4/W5)	0.4591
Water Content (%)	(W4/W5)*100	45.91%

LOOSE DENSITY

Mass of wet soil & mold (lb)	12.691
Mass of wet soil (lb)	3.119
Wet Density of Soil (pcf)	93.79
Dry Density of Soil (pcf)	64.28

SETTLE DENSITY

Average Settlement (in.)	0.792
Settled Height (in.)	3.781
Settlement Volume (cu.ft.)	0.0275
Mass of wet soil & mold (lb)	12.691
Mass of wet soil (lb)	3.119
Wet Density of Soil (pcf)	113.42
Dry Density of Soil (pcf)	77.74

Settlement (in.):
0.750
0.875
0.875
0.750
0.750
0.750

Loose Wet Density (pcf)	93.788
Loose Dry Density (pcf)	64.280
Settled Wet Density (pcf)	113.424
Settled Dry Density (pcf)	77.737
Vertical Percent Settlement	17.31%
Percent Compaction	76.59%

Sample Description:

CLAY (CH), High plasticity, moist, dark gray (SLIMES TAILINGS).

TECH	RPD
DATE	3/23/06
REVIEW	LAQ

COMMENTS:

1. These procedures are not standardized, but follow recommendations from:
   - ASTM D-4253 Standard Method for Maximum Index Density and Unit Weight of Soil Using Vibratory Table
   - ASTM D-4254 Standard Method for Maximum Index Density and Unit Weight of Soil and Calculation of Relative Density
2. Percent Compaction Calculated assuming optimum values from Proctor Testing.

Appendix B

Certificate of Analysis
November 7, 2006

Shaw E & I, Inc.

Geotechnical Laboratory
PO Box 4339
1570 Bear Creek Road
Oak Ridge TN 37830
(865) 482-6497

CERTIFICATE OF ANALYSIS

Erin Stanley
General Engineering Laboratories
2040 Savage Road
Charleston SC 29407

November 7, 2006

This is the Certificate of Analysis for the following samples:

Shaw Project ID:	**GEL – Moab**
Shaw Project Number:	**109855.01410000**
Date Received by Lab:	May 4, 2006
Number of Samples:	Fourteen (14)
Sample Type:	Soil

I. Introduction/Case Narrative

Fourteen soil samples were received by the Shaw Geotechnical Laboratory on May 4, 2006. Samples were submitted for determination of particle-size distribution, Atterberg limits, hydraulic conductivity, consolidated-undrained triaxial shear strength, one-dimensional consolidation properties, and capillary moisture relationships.

Please see Appendix A, Sample Number Cross Reference List; Appendix B, Analysis Results; and Appendix C, Chain-of-Custody/Sample Receipt Records.

Reviewed and Approved:

Ralph Cole
Laboratory Manager, Geotechnical Services

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

II. Analytical Results/Methodology

REFERENCES: United Nations, *Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria*, third ed. New York, 1999. United States Army Corps of Engineers (USACE), Engineer Manual 1110-2-1906, *Laboratory Soils Testing*, appendix II, 1970; United States Environmental Protection Agency, SW846, *Test Methods for Examining Solid Waste, Physical/Chemical Methods*, 3rd ed., Nov 1986 (EPA SW-846). Annual Book of ASTM Standards, Section 4, Construction, Volume 04.08, *Soil and Rock (I)*, and Volume 04.09, *Soil and Rock (II)*, 2006. Shaw Environmental and infrastructure, Standard Operating Procedures.

Particle-Size Distribution of Soils	**ASTM D 422**
Standard Proctor Compaction Characteristics	**ASTM D 698**
One-Dimensional Consolidation Properties of Soils	**ASTM D 2435**
Atterberg Limits	**AASTM D 4318**
Consolidated-Undrained Triaxial Shear Strength	**ASTM D 4767**
Constant Head Permeability	**ASTM D 5084**
Capillary Moisture Relationships	**Mfr. procedure**

III. Quality Control

Quality control checks such as duplicates and spikes (QC samples), are not normally applicable to geotechnical testing. This is due largely to the inability of obtaining samples with known characteristics, the heterogenous nature of the samples, and quality control procedures built-in to the analytical method.

QC measures to ensure accuracy and precision of test results include the following:

- 100% verification of all numerical results - raw data entries, transcriptions and calculations entered by lab technicians are checked, recalculated and verified. Most data calculations are performed by computer programs.

- Data validation through test reasonableness - summaries of all test results for individual reports are reviewed to determine the overall reasonableness of data and to determine the presence of any data that may be considered outliers.

- Quality control procedures are built into most standardized geotechnical procedures. For example, liquid limit and plastic limit analyses call for re-analyses and specify acceptance criteria.

- Routine instrument calibration - instruments, gauges and equipment used in testing are calibrated on a routine basis. All instrument calibration follows ASTM or manufacturer guidelines.

- Maintenance of all past calibration records - calibration records and certification documents of all instruments, gauges and equipment are updated routinely and maintained in the Quality Control Coordinators Quality/Operations files.

- Certified and trained personnel - all technicians are trained in the application of standard laboratory procedures for geotechnical analyses as well as the quality assurance measures implemented by Shaw.

- Quantitative analyses frequently used in geotechnical/physical testing programs do not use QC tools common to wet chemistry or radiochemistry laboratories. Measures not employed in the analysis of samples reported in this report include: laboratory control samples (LCS), blanks, matrix spikes (MS), duplicate analyses, dilutions, digestions, correction factors, surrogate sample analyses, detection limit determinations, control charts, and/or tentatively identified compounds (TICs).

IV. Data Qualification

Moisture content results are reported as supporting data for several test results.

A specific gravity value of 2.65 was assumed and used for certain calculations of ancillary supporting data, such as phase relations (degree of saturation, void ratio) reported in some test results. This value is an average of all natural earth materials and could vary markedly from the sample being tested.

Hydraulic conductivity (permeability) tests were performed by recompacting bulk material into test specimens. Density and moisture parameters supplied by the client. One test specimen was prepared for each sample. The specimens were tested at 20 psi confining pressure, followed by 40 psi and 60 psi test series. In some cases, permeability tests at higher confining pressures produced slower flow rates. This is usually ascribed to specimen consolidation and smaller void channels. In other cases, permeability tests at higher confining pressures produced faster flow rates. This is usually ascribed to more thorough specimen saturation, or washing of fines.

Consolidated-undrained triaxial shear tests were performed by recompacting bulk material into test specimens. Density and moisture parameters supplied by the client. Three test specimens were prepared for each sample. The specimens were tested at 20 psi, 40 psi and 60 psi confining pressures.

Appendix A
Sample Cross-Reference List

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

SAMPLE NUMBER CROSS-REFERENCE LIST (Cont'd)

LAB SAMPLE NO.	CLIENT SAMPLE NO.	MATRIX
BC0911	GABT-01	Soil
BC0912	GABT-02	Soil
BC0913	GABT-03	Soil
BC0914	GABT-04	Soil
BC0915	GABT-05	Soil
BC0916	GABT-06	Soil
BC0917	GABT-07	Soil
BC0918	GABT-08	Soil
BC0919	GABT-09	Soil
BC0920	GABT-10	Soil
BC0921	GABT-11	Soil
BC0922	GABT-12	Soil
BC0923	GABT-13	Soil
BC0924	GABT-14	Soil

Appendix B
Data Results

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

MOISTURE CONTENT

PROJECT NAME
GEL - Moab

PROJECT NUMBER
109855.01410000

LAB SAMPLE NO.	CLIENT SAMPLE NO.	MOISTURE, % ASTM D 2216	MOISTURE , % SW846	SOLIDS, % SW846
BC0911	GABT-01	7.0	6.6	93.4
BC0912	GATB-02	6.6	6.1	93.9
BC0913	GATB-03	12.6	11.2	88.8
BC0914	GATB-04	12.8	11.3	88.7
BC0915	GATB-05	20.7	17.1	82.9
BC0916	GATB-06	8.1	7.5	92.5
BC0917	GATB-07	34.1	25.4	74.6
BC0918	GATB-08	11.4	10.2	89.8
BC0919	GATB-09	20.5	17.0	83.0
BC0920	GATB-10	16.9	14.5	85.5
BC0921	GATB-11	24.8	19.9	80.1
BC0922	GATB-12	20.9	17.3	82.7
BC0923	GATB-13	26.9	21.2	78.8
BC0924	GATB-14	17.8	15.1	84.9

ASTM D 2216 results are based on dry sample weight.
SW846 results are based on wet sample weight.
Solids content is determined by subtracting the SW846 moisture (%) from 100.

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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
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ATTERBERG LIMITS
ASTM D 4318

PROJECT NAME: GEL-Moab

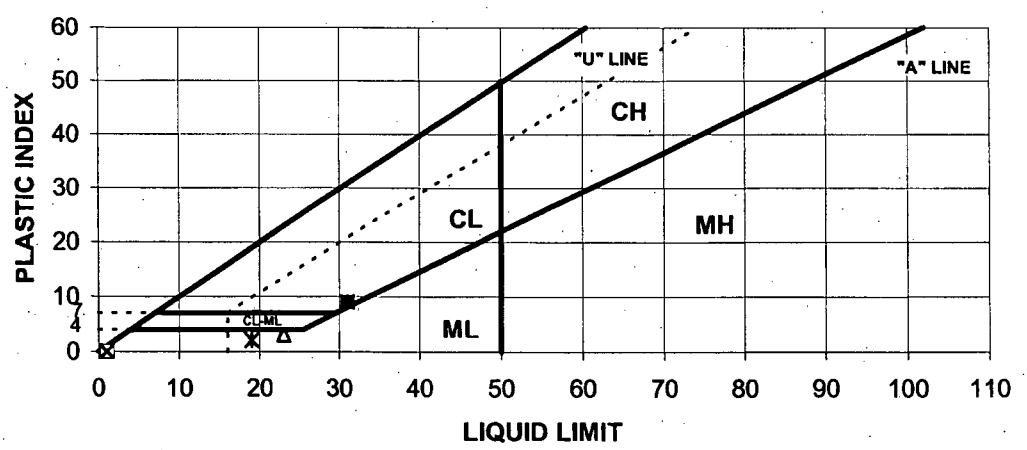
PROJECT NO. 109855.01410000

ATTERBERG LIMITS RESULTS

LAB SAMPLE NO.		FIELD SAMPLE NO.	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	USCS SYMBOL
BC0911	●	GABT-01	NP	NP	NP	NP
BC0912	◆	GABT-02	NP	NP	NP	NP
BC0913	□	GABT-03	NP	NP	NP	NP
BC0914	◇	GABT-04	NP	NP	NP	NP
BC0915	+	GABT-05	NP	NP	NP	NP
BC0916	○	GABT-06	NP	NP	NP	NP
BC0917	■	GABT-07	31	22	9	CL
BC0918	x	GABT-08	NP	NP	NP	NP
BC0919	△	GABT-09	23	20	3	ML
BC0920	*	GABT-10	19	17	2	ML

*NP=Nonplastic

PLASTICITY CHART



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Shaw Project No. 109855.01410000

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ATTERBERG LIMITS
ASTM D 4318

PROJECT NAME:
GEL-Moab

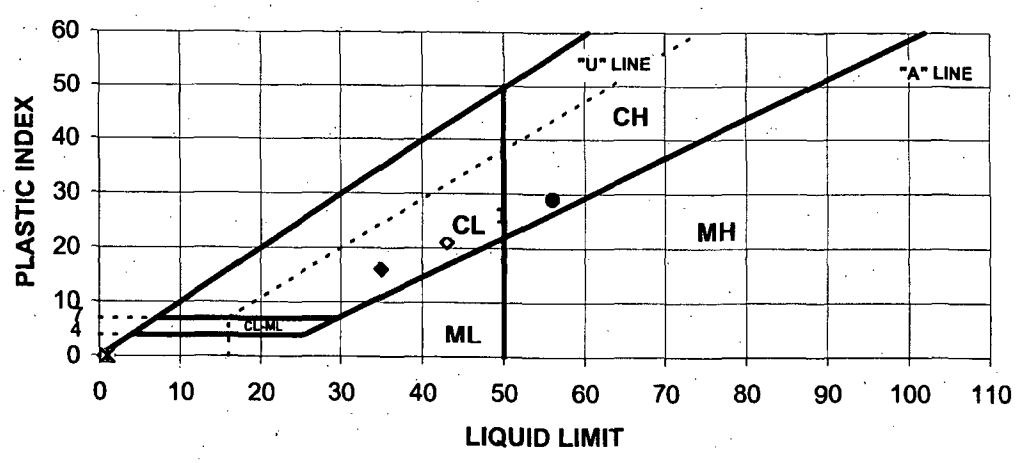
PROJECT NO.
109855.01410000

ATTERBERG LIMITS RESULTS

LAB SAMPLE NO.		FIELD SAMPLE NO.	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	USCS SYMBOL
BC0921	●	GABT-11	56	27	29	CH
BC0922	◆	GABT-22	35	19	16	CL
BC0923	□	GABT-13	49	23	26	CL
BC0924	◇	GABT-14	43	22	21	CL
	+					
	○					
	■					
	x					
	△					
	*					

*NP=Nonplastic

PLASTICITY CHART



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Shaw Project No. 109855.01410000

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-01
Lab Sample No.
BC0911

Specific Gravity = 2.65
assumed

Moisture Content = 7.0%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	97.8%
	#4	4.750	95.6%
	#10	2.000	92.6%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	89.9%
	#40	0.425	82.8%
	#60	0.250	69.0%
	#100	0.149	46.6%
	#140	0.106	32.8%
	#200	0.075	22.9%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.05044	18.3%
	0.03608	15.5%
	0.02316	12.7%
	0.01347	10.6%
	0.00925	9.9%
	0.00681	8.4%
	0.00480	7.7%
	0.00332	6.3%
	0.00143	3.5%

4.4% Gravel 72.7% Sand 22.9% Silt/Clay

November 7, 2006
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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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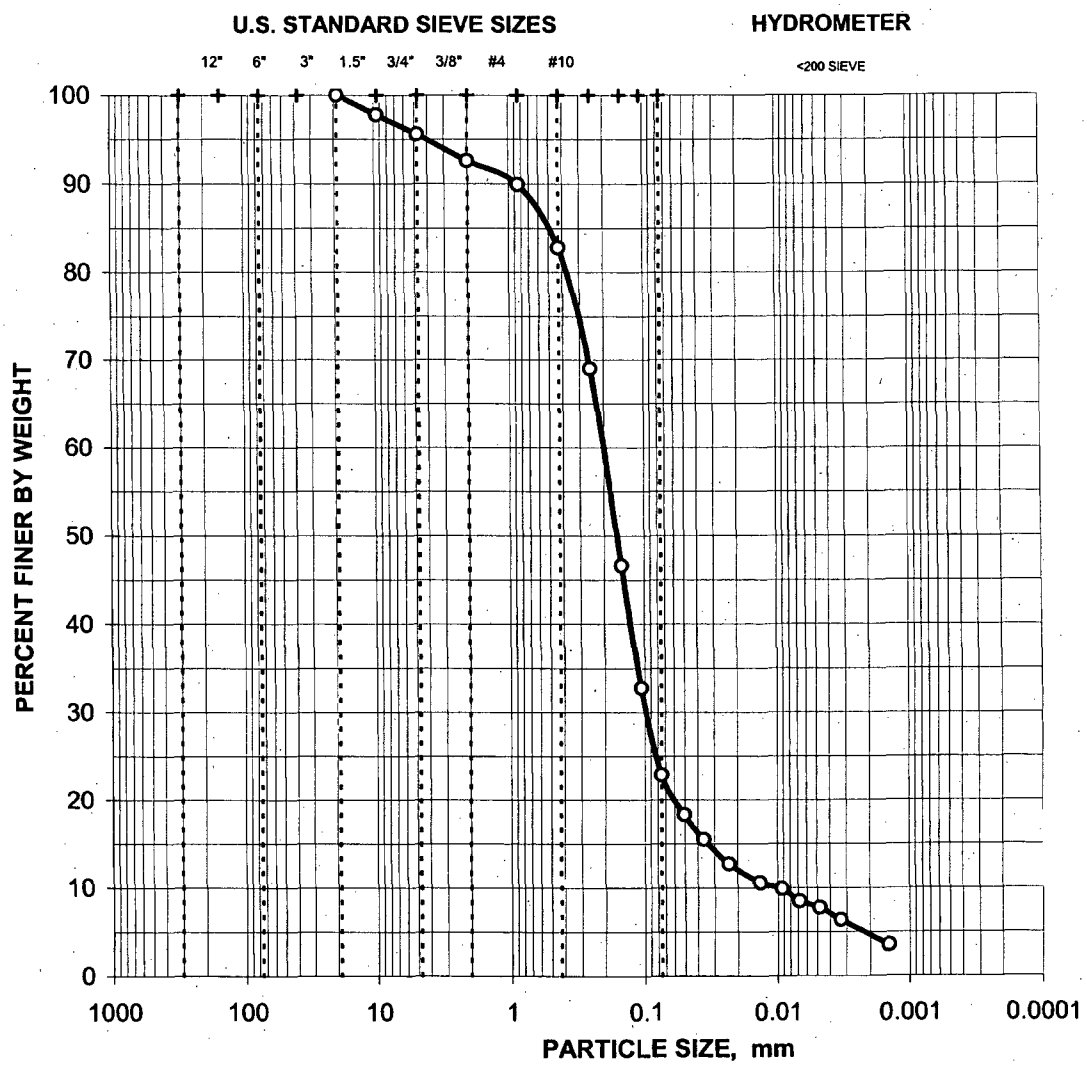
GEL - Moab



CLIENT SAMPLE NO.: GABT-01 **LAB SAMPLE NO.:** BC0911

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

November 7, 2006
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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-02
Lab Sample No.
BC0912

Specific Gravity = 2.65
assumed

Moisture Content = 6.6%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	98.9%
	#4	4.750	97.0%
	#10	2.000	95.5%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	94.1%
	#40	0.425	88.1%
	#60	0.250	68.5%
	#100	0.149	39.4%
	#140	0.106	25.0%
	#200	0.075	16.6%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.05102	14.1%
	0.03635	12.8%
	0.02324	10.2%
	0.01361	7.7%
	0.00966	6.4%
	0.00685	5.8%
	0.00395	4.5%
	0.00335	3.8%
	0.00144	2.6%

3.0% Gravel 80.4% Sand 16.6% Silt/Clay

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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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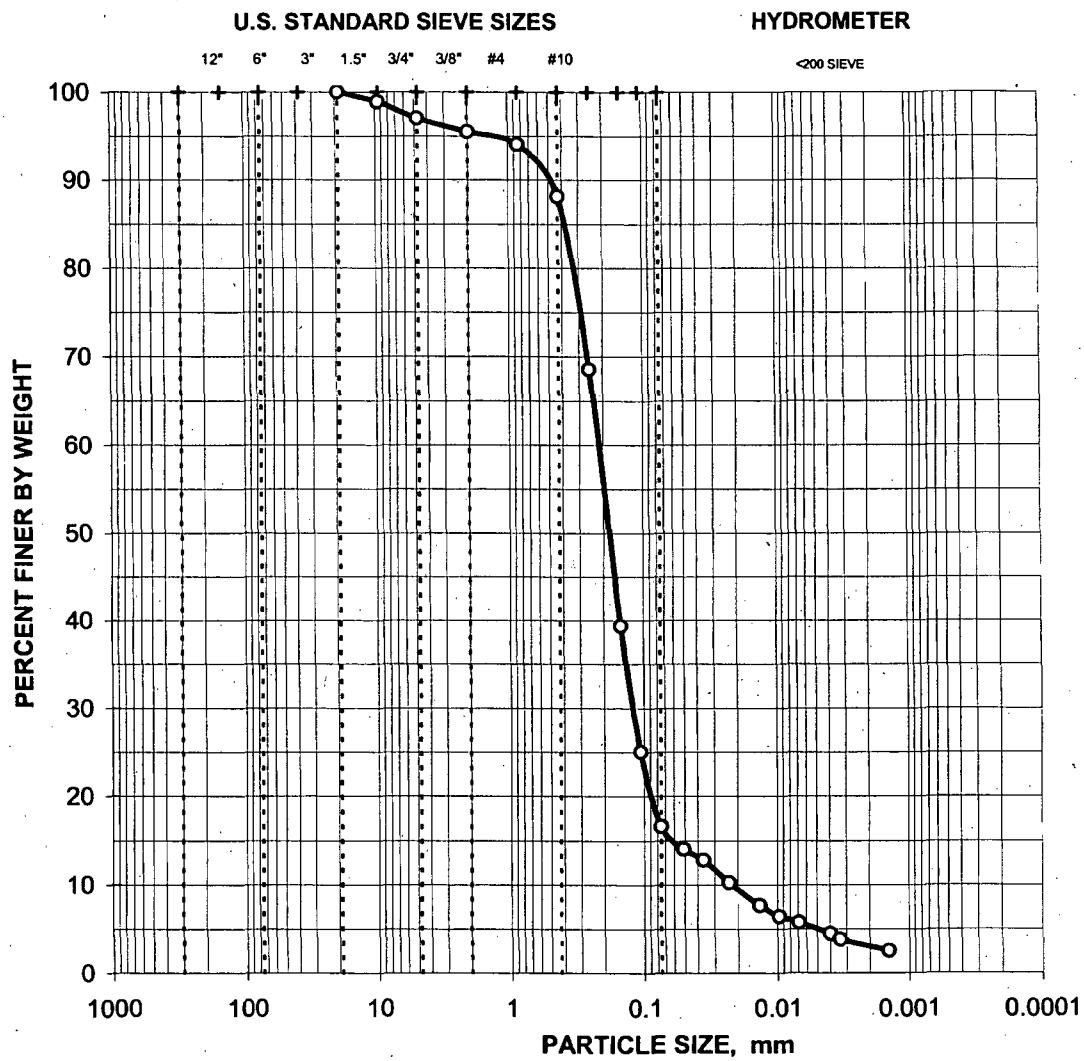
GEL - Moab



CLIENT SAMPLE NO.: GABT-02 **LAB SAMPLE NO.:** BC0912

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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Shaw Project No. 109855.01410000

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-03
Lab Sample No.
BC0913

Specific Gravity = 2.65
assumed

Moisture Content = 12.6%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	99.5%
	#10	2.000	99.4%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	99.0%
	#40	0.425	93.9%
	#60	0.250	77.7%
	#100	0.149	48.4%
	#140	0.106	29.0%
	#200	0.075	16.8%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.05178	11.7%
	0.03701	9.1%
	0.02349	7.1%
	0.01332	5.2%
	0.00979	3.9%
	0.00694	3.2%
	0.00407	2.6%
	0.00337	1.9%
	0.00144	1.9%

0.5% Gravel 82.6% Sand 16.8% Silt/Clay

November 7, 2006
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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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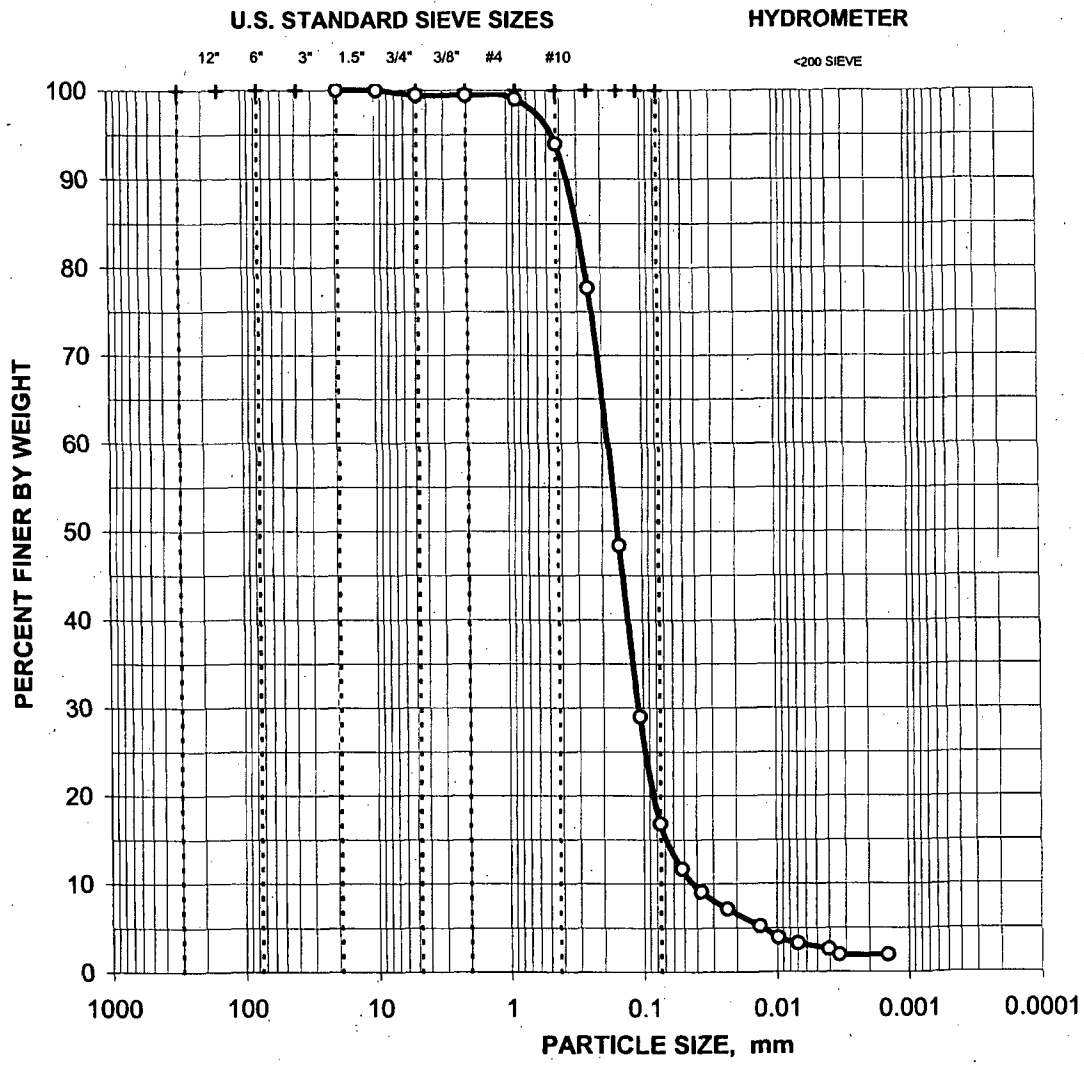
GEL - Moab



CLIENT SAMPLE NO.: GABT-03 **LAB SAMPLE NO.:** BC0913

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

November 7, 2006
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General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-04
Lab Sample No.
BC0914

Specific Gravity = 2.65
assumed

Moisture Content = 12.8%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	99.7%
	#10	2.000	99.6%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	99.4%
	#40	0.425	96.9%
	#60	0:250	82.0%
	#100	0.149	52.9%
	#140	0.106	35.0%
	#200	0.075	23.6%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.05140	16.3%
	0.03668	13.9%
	0.02324	13.1%
	0.01371	7.3%
	0.00976	5.7%
	0.00692	4.9%
	0.00490	4.1%
	0.00336	3.3%
	0.00144	3.3%

0.3% Gravel 76.1% Sand 23.6% Silt/Clay

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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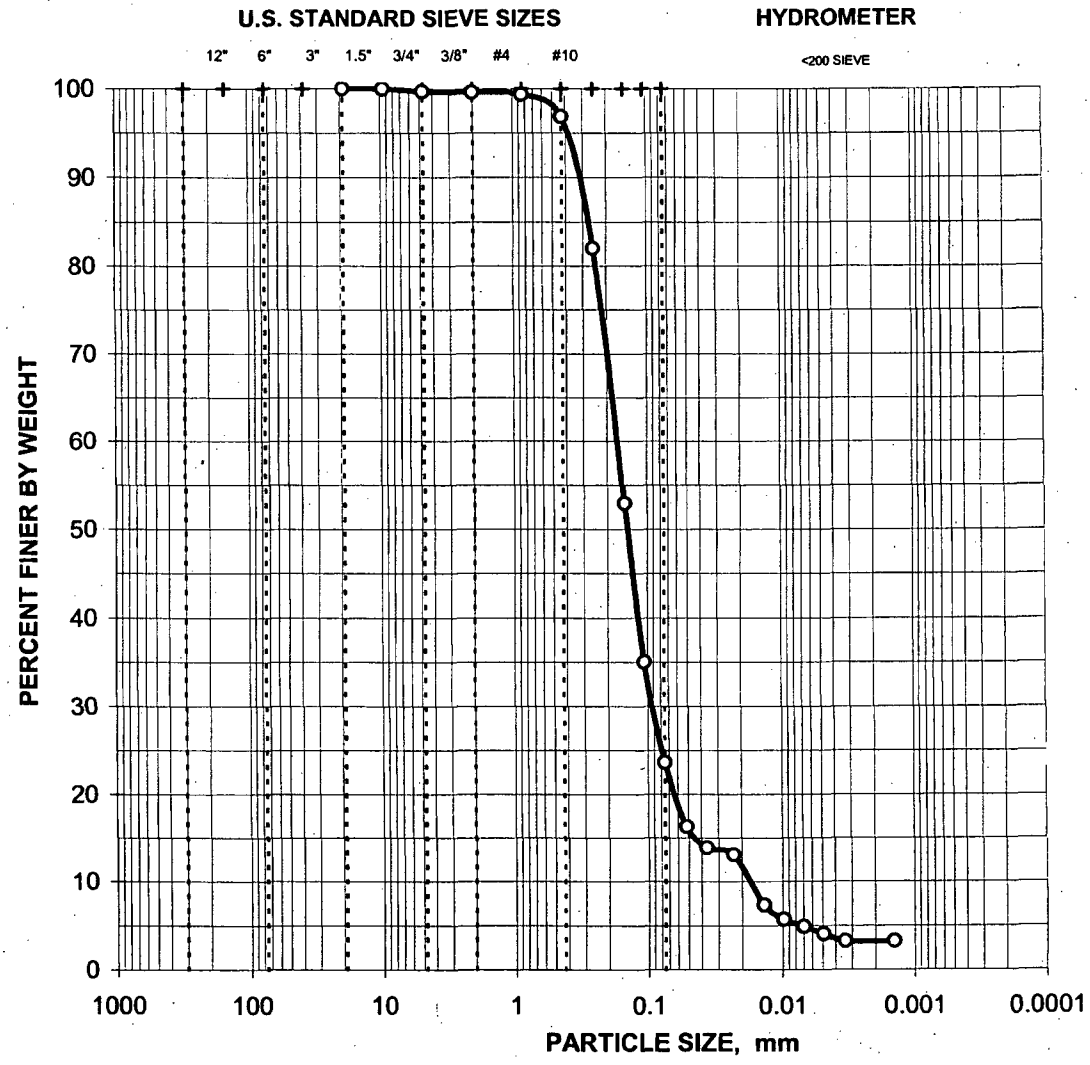
GEL - Moab



CLIENT SAMPLE NO.: GABT-04 **LAB SAMPLE NO.:** BC0914

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-05
Lab Sample No.
BC0915

Specific Gravity = 2.65
assumed

Moisture Content = 20.7%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	98.7%
	#4	4.750	97.2%
	#10	2.000	95.8%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	94.4%
	#40	0.425	90.0%
	#60	0.250	73.4%
	#100	0.149	46.7%
	#140	0.106	31.5%
	#200	0.075	21.6%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.05089	17.8%
	0.03640	15.3%
	0.01854	11.5%
	0.01321	9.6%
	0.00971	8.3%
	0.00687	7.0%
	0.00491	5.7%
	0.00337	5.1%
	0.00128	4.5%

2.8% Gravel 75.6% Sand 21.6% Silt/Clay

November 7, 2006
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General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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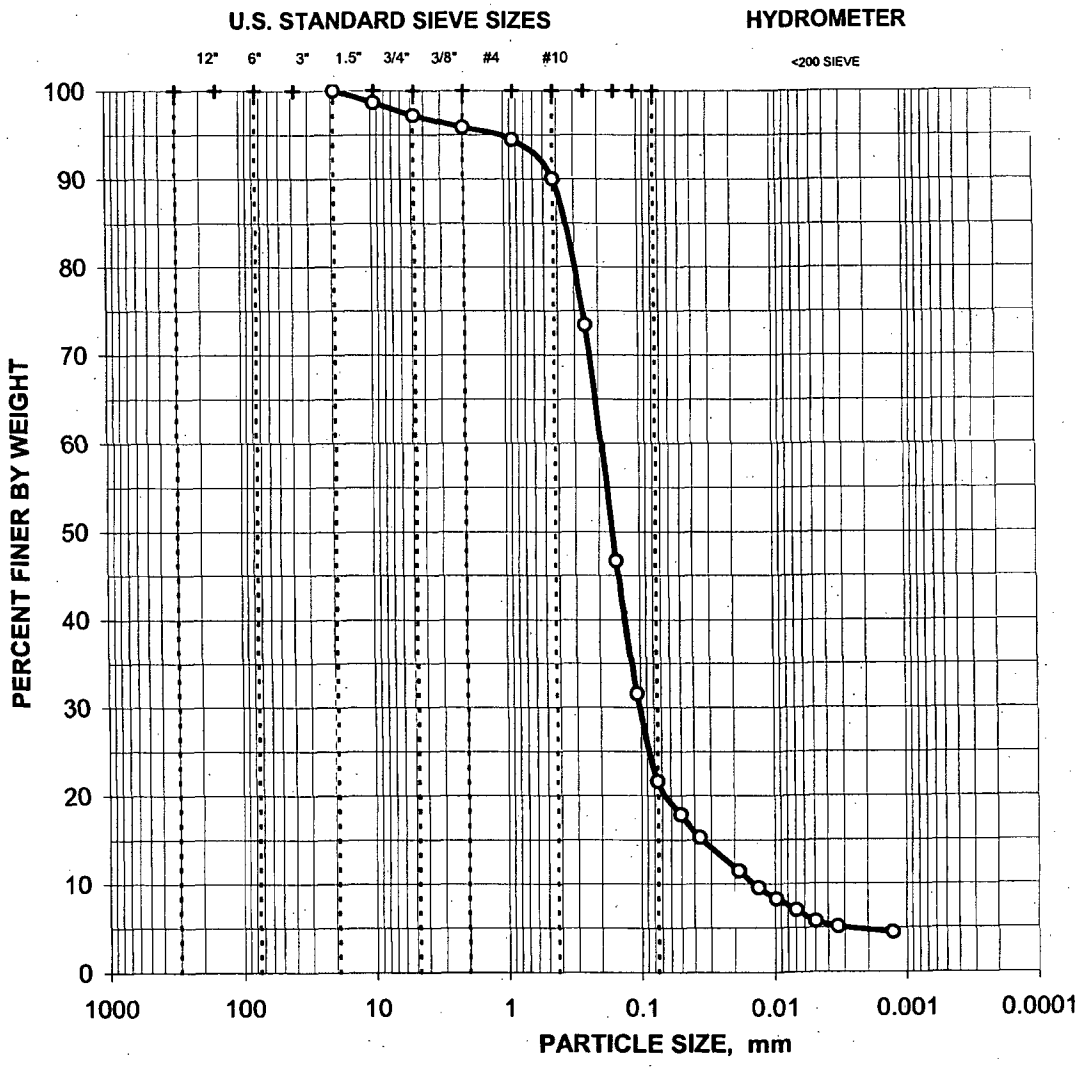
GEL - Moab



CLIENT SAMPLE NO.: GABT-05 **LAB SAMPLE NO.:** BC0915

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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Shaw Project No. 109855.01410000

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-06
Lab Sample No.
BC0916

Specific Gravity = 2.65
assumed

Moisture Content = 8.1%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	99.7%
	#4	4.750	99.5%
	#10	2.000	99.3%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	98.9%
	#40	0.425	92.8%
	#60	0.250	69.9%
	#100	0.149	40.3%
	#140	0.106	25.6%
	#200	0.075	16.7%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.05206	13.2%
	0.03722	10.6%
	0.02371	9.3%
	0.01263	6.6%
	0.00982	5.9%
	0.00694	5.9%
	0.00493	5.3%
	0.00338	4.6%
	0.00129	4.0%

0.5% Gravel 82.8% Sand 16.7% Silt/Clay

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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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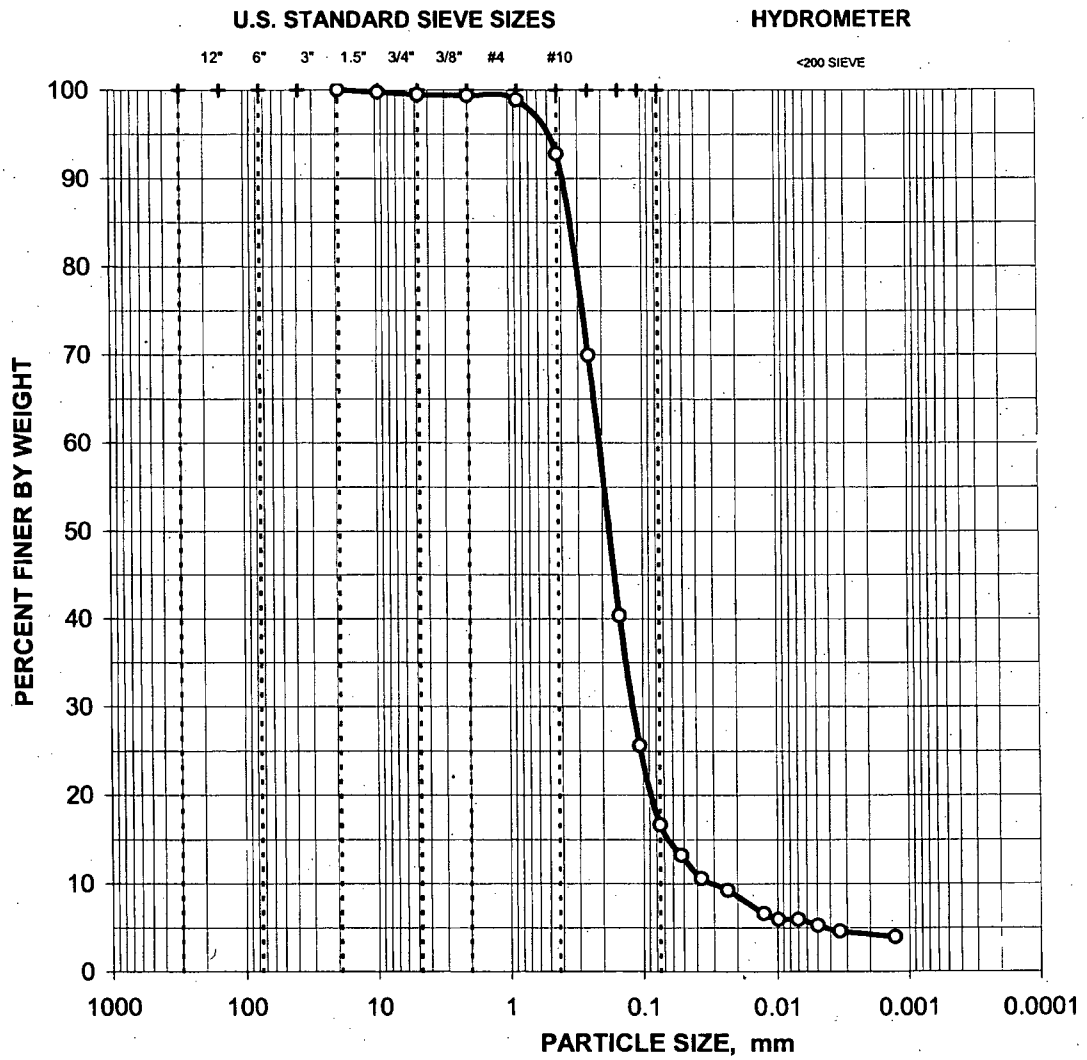

CLIENT SAMPLE NO.: GABT-06 **LAB SAMPLE NO.:** BC0916

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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Shaw Project No. 109855.01410000

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-07
Lab Sample No.
BC0917

Specific Gravity = 2.65
assumed

Moisture Content = 34.1%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	99.1%
	#10	2.000	98.1%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	95.4%
	#40	0.425	92.1%
	#60	0.250	85.1%
	#100	0.149	69.4%
	#140	0.106	58.4%
	#200	0.075	49.7%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.04784	46.0%
	0.03427	42.0%
	0.02195	38.0%
	0.01309	29.0%
	0.00959	17.0%
	0.00623	10.0%
	0.00491	9.0%
	0.00337	8.0%
	0.00128	7.0%

0.9% Gravel 49.4% Sand 49.7% Silt/Clay

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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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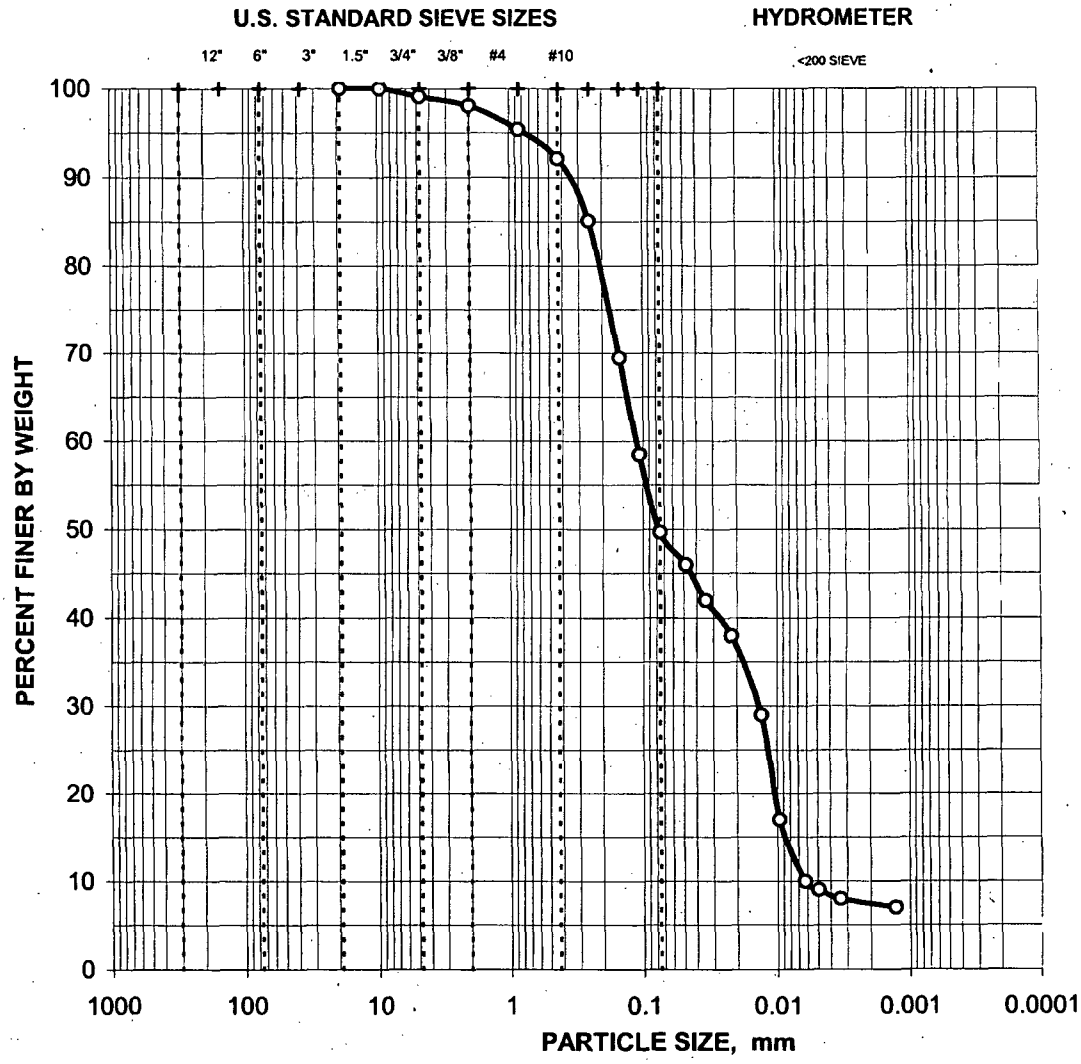

CLIENT SAMPLE NO.: GABT-07 **LAB SAMPLE NO.:** BC0917

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-08
Lab Sample No.
BC0918

Specific Gravity = 2.65
assumed

Moisture Content = 11.4%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	99.3%
	#10	2.000	98.4%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	96.6%
	#40	0.425	90.7%
	#60	0.250	78.7%
	#100	0.149	54.1%
	#140	0.106	39.1%
	#200	0.075	27.8%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.05148	22.7%
	0.03681	18.9%
	0.02346	17.0%
	0.01364	14.2%
	0.00971	12.3%
	0.00689	11.3%
	0.00486	10.4%
	0.00335	9.4%
	0.00128	7.6%

0.7% Gravel 71.6% Sand 27.8% Silt/Clay

November 7, 2006
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Shaw Project No. 109855.01410000

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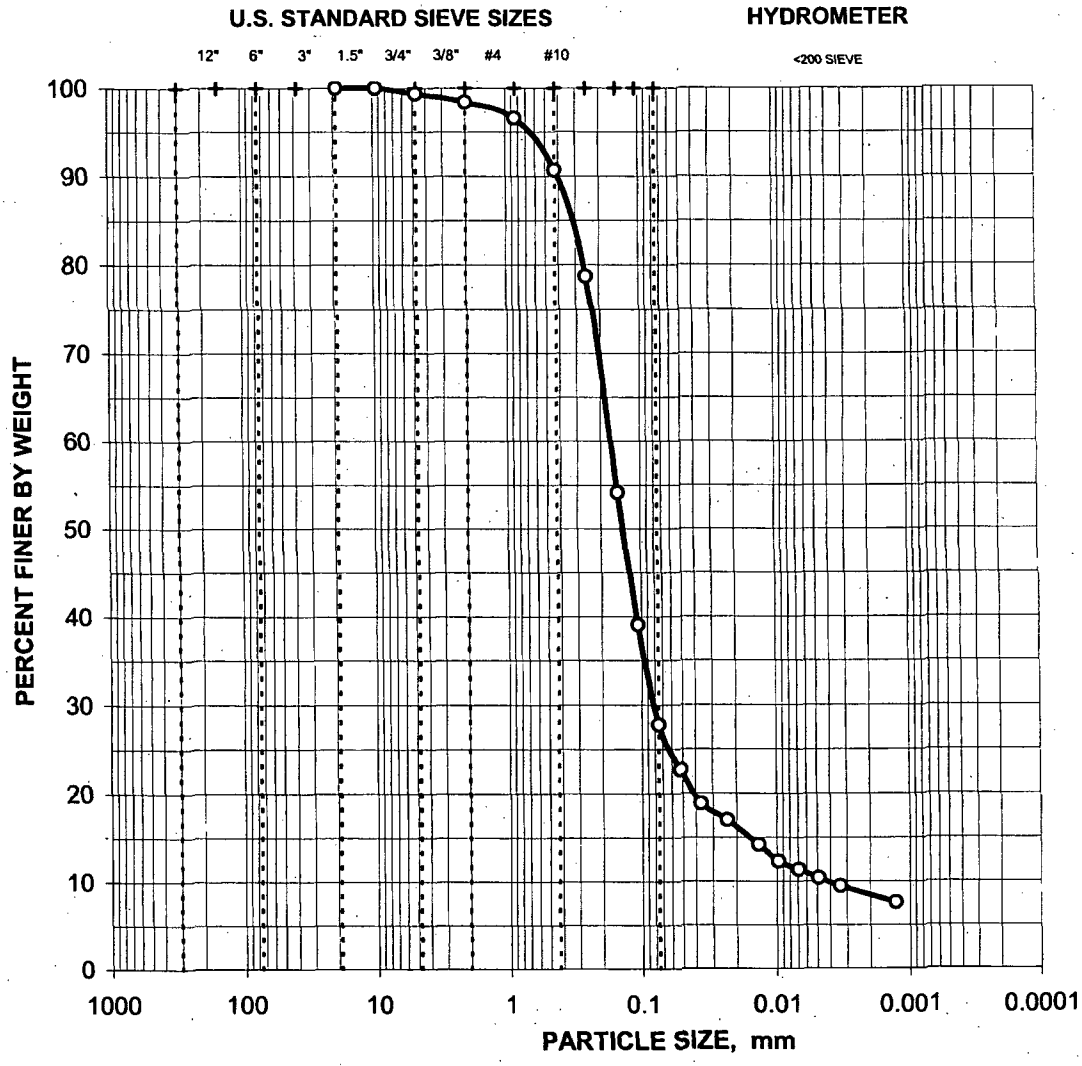
GEL - Moab



CLIENT SAMPLE NO.: GABT-08 **LAB SAMPLE NO.:** BC0918

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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Shaw Project No. 109855.01410000

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-09
Lab Sample No.
BC0919

Specific Gravity = 2.65
assumed

Moisture Content = 20.5%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	100.0%
	#10	2.000	100.0%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	98.4%
	#40	0.425	96.5%
	#60	0.250	94.1%
	#100	0.149	85.0%
	#140	0.106	72.4%
	#200	0.075	58.3%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.04458	43.4%
	0.03293	35.9%
	0.01863	25.1%
	0.01267	19.7%
	0.00796	15.6%
	0.00672	13.6%
	0.00481	10.8%
	0.00331	9.5%
	0.00130	6.1%

0.0% Gravel 41.7% Sand 58.3% Silt/Clay

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Shaw Project No. 109855.01410000

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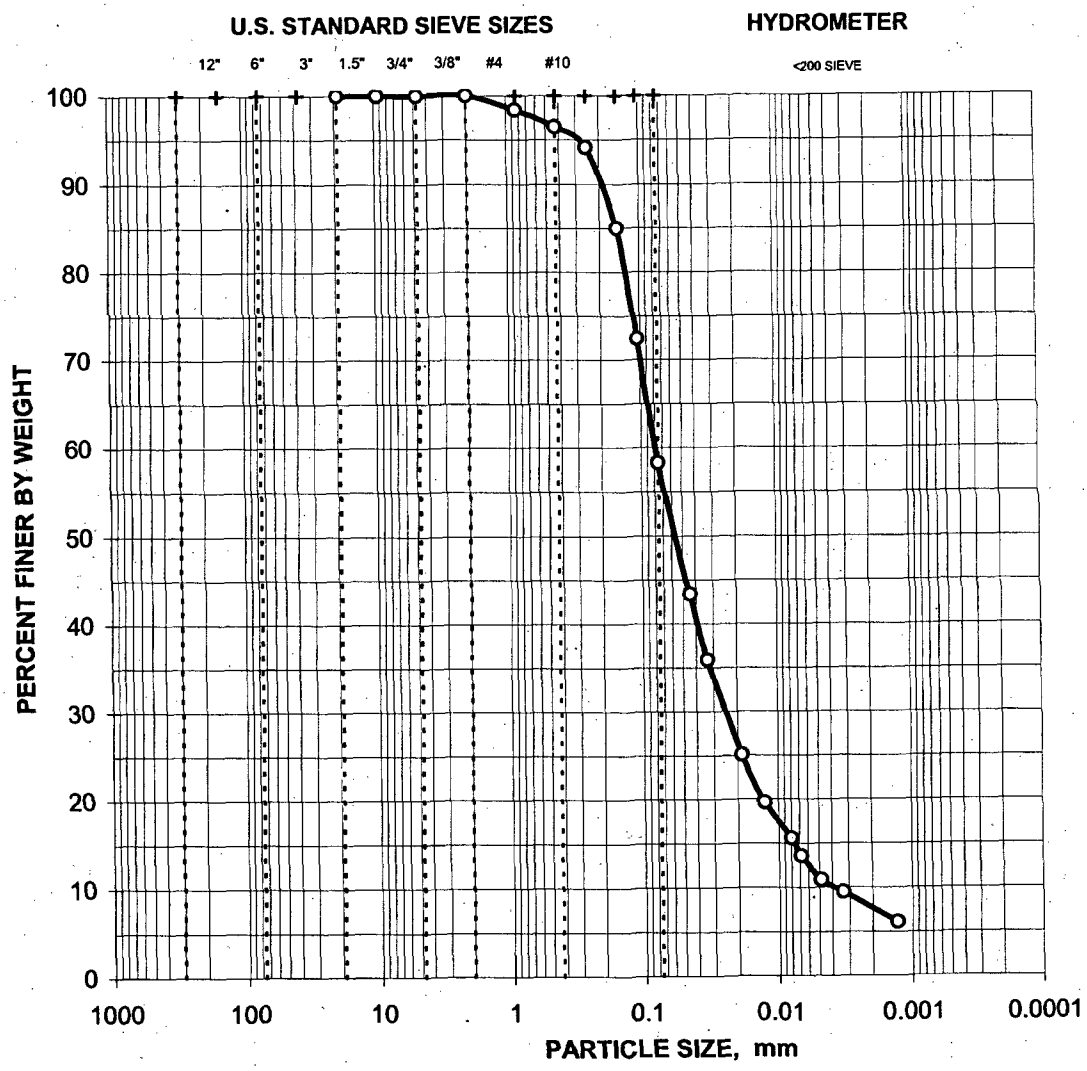
GEL - Moab



CLIENT SAMPLE NO.: GABT-09 **LAB SAMPLE NO.:** BC0919

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-10
Lab Sample No.
BC0920

Specific Gravity = 2.65
assumed

Moisture Content = 16.9%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	100.0%
	#10	2.000	98.2%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	95.7%
	#40	0.425	90.3%
	#60	0.250	78.5%
	#100	0.149	55.7%
	#140	0.106	40.8%
	#200	0.075	30.4%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.06621	29.9%
	0.04806	25.5%
	0.03455	22.4%
	0.02230	18.7%
	0.01356	8.1%
	0.00963	7.5%
	0.00678	6.8%
	0.00480	6.8%
	0.00331	6.2%
	0.00138	6.2%

0.0% Gravel 69.6% Sand 30.4% Silt/Clay

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Shaw Project No. 109855.01410000

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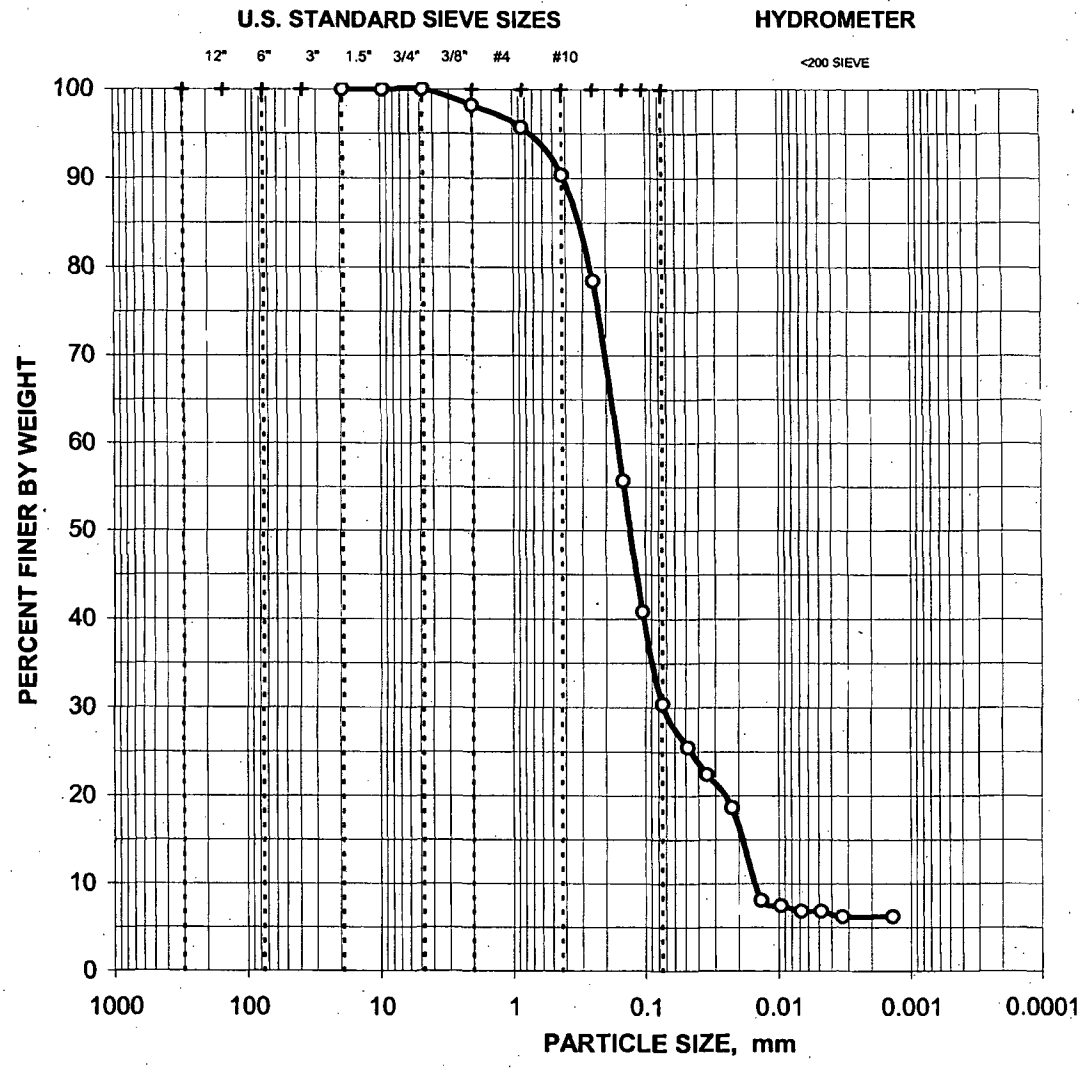
GEL - Moab



CLIENT SAMPLE NO.: GABT-10 **LAB SAMPLE NO.:** BC0920

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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Shaw Project No. 109855.01410000

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-11
Lab Sample No.
BC0921

Specific Gravity = 2.65
assumed

Moisture Content = 24.8%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	100.0%
	#10	2.000	99.5%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	98.0%
	#40	0.425	95.2%
	#60	0.250	91.5%
	#100	0.149	86.2%
	#140	0.106	82.2%
	#200	0.075	78.4%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.02636	75.2%
	0.01595	69.1%
	0.01059	61.4%
	0.00775	55.3%
	0.00568	49.1%
	0.00418	41.5%
	0.00296	33.8%
	0.00133	16.9%

0.0% Gravel 21.6% Sand 78.4% Silt/Clay

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Shaw Project No. 109855.01410000

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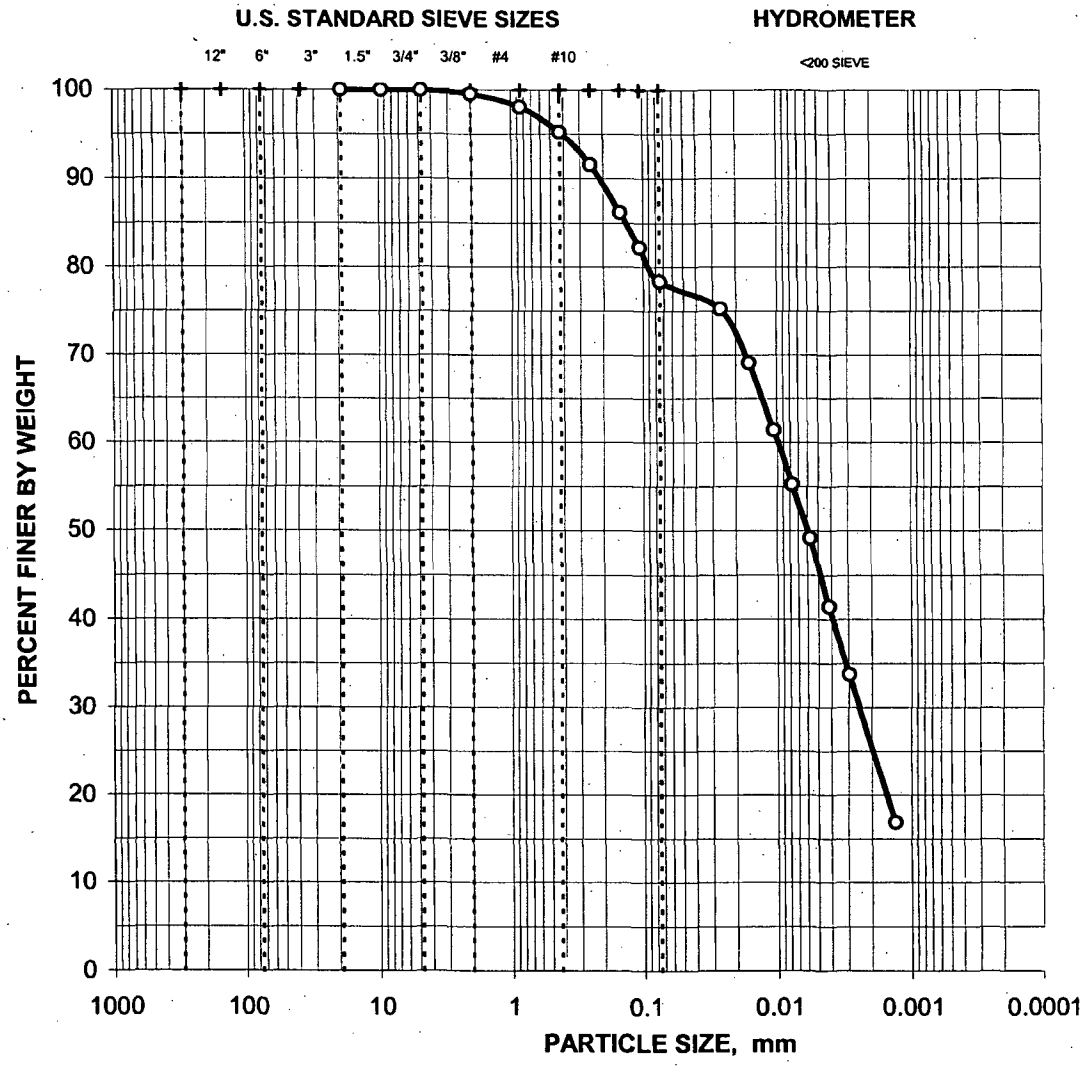
GEL - Moab



CLIENT SAMPLE NO.: GABT-11 **LAB SAMPLE NO.:** BC0921

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-12
Lab Sample No.
BC0922

Specific Gravity = 2.65
assumed

Moisture Content = 20.9%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	100.0%
	#10	2.000	99.6%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	95.5%
	#40	0.425	91.2%
	#60	0.250	86.8%
	#100	0.149	75.8%
	#140	0.106	63.9%
	#200	0.075	58.8%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.03236	43.1%
	0.02703	38.3%
	0.02122	35.1%
	0.01262	28.7%
	0.00910	24.0%
	0.00654	20.0%
	0.00467	16.8%
	0.00324	14.4%
	0.00137	9.6%

0.0% Gravel 41.2% Sand 58.8% Silt/Clay

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Shaw Project No. 109855.01410000

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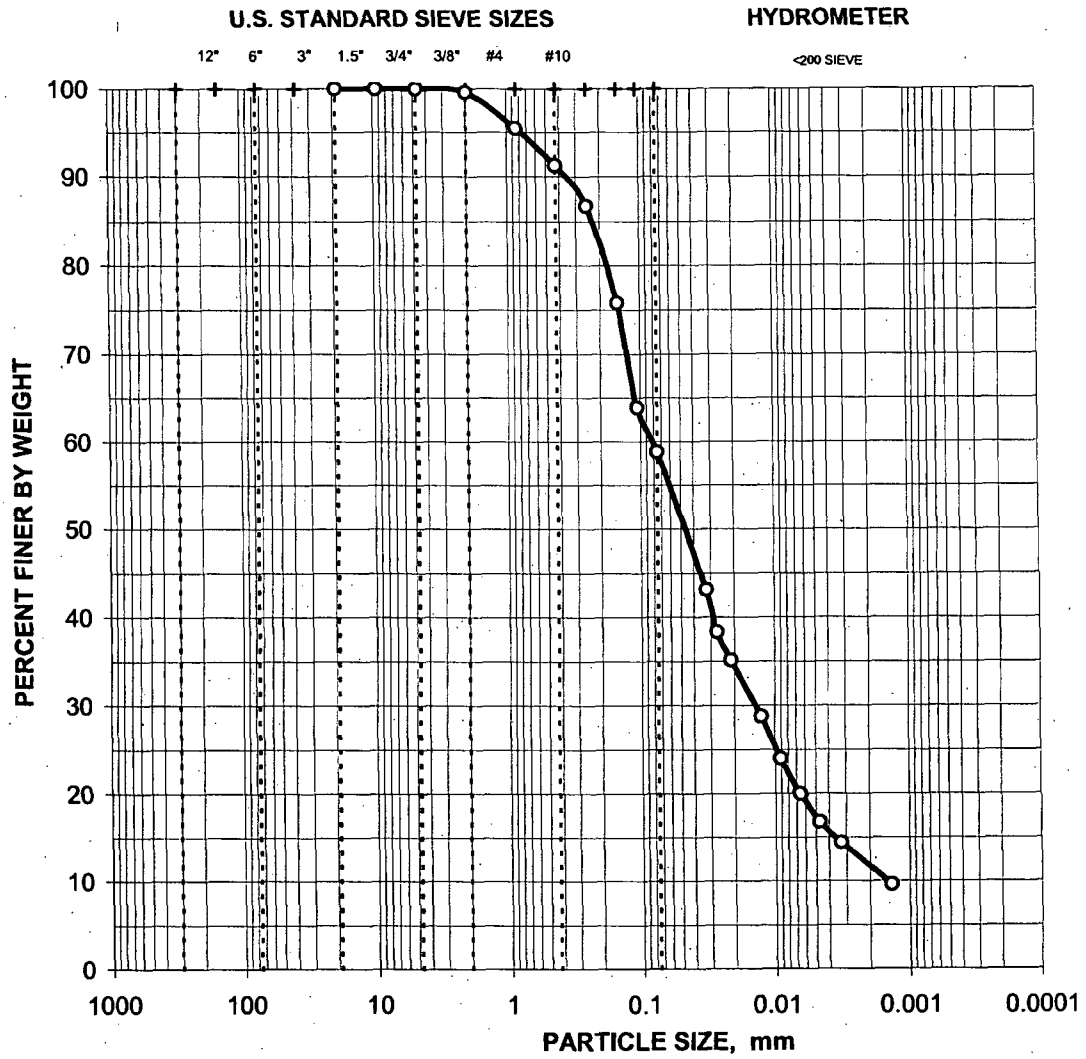

CLIENT SAMPLE NO.: GABT-12 **LAB SAMPLE NO.:** BC0922

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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Shaw Project No. 109855.01410000

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-13
Lab Sample No.
BC0923

Specific Gravity = 2.65
assumed

Moisture Content = 26.9%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	100.0%
	#10	2.000	99.9%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	99.8%
	#40	0.425	99.2%
	#60	0.250	98.3%
	#100	0.149	96.0%
	#140	0.106	92.8%
	#200	0.075	88.3%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.04030	86.7%
	0.02943	79.5%
	0.01918	72.3%
	0.01154	61.9%
	0.00839	54.7%
	0.00604	49.5%
	0.00411	40.3%
	0.00309	33.0%
	0.00135	17.5%

0.0% Gravel 11.7% Sand 88.3% Silt/Clay

November 7, 2006
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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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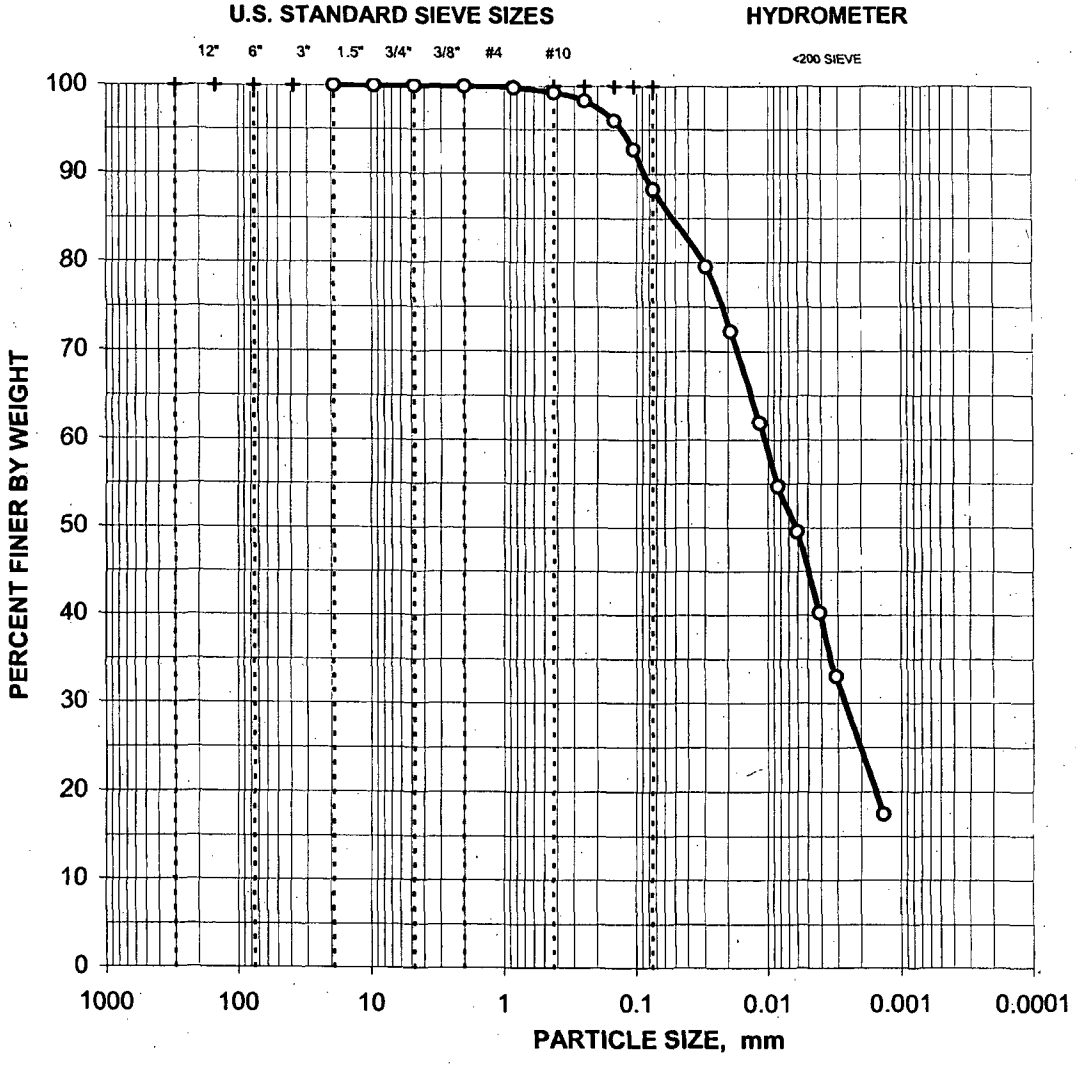
GEL - Moab



CLIENT SAMPLE NO.: GABT-13 **LAB SAMPLE NO.:** BC0923

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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PARTICLE-SIZE ANALYSIS
ASTM D 422

Project Name
GEL - Moab
Project No.
109855.01310000

Client Sample No.
GABT-14
Lab Sample No.
BC0924

Specific Gravity = 2.65
assumed

Moisture Content = 17.8%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	100.0%
	#10	2.000	100.0%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	98.5%
	#40	0.425	96.5%
	#60	0.250	95.0%
	#100	0.149	92.8%
	#140	0.106	89.4%
	#200	0.075	83.6%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.04103	77.6%
	0.03001	69.9%
	0.01969	62.1%
	0.01182	52.4%
	0.00855	46.6%
	0.00618	40.7%
	0.00441	34.9%
	0.00310	30.1%
	0.00135	15.5%

0.0% Gravel 16.4% Sand 83.6% Silt/Clay

November 7, 2006
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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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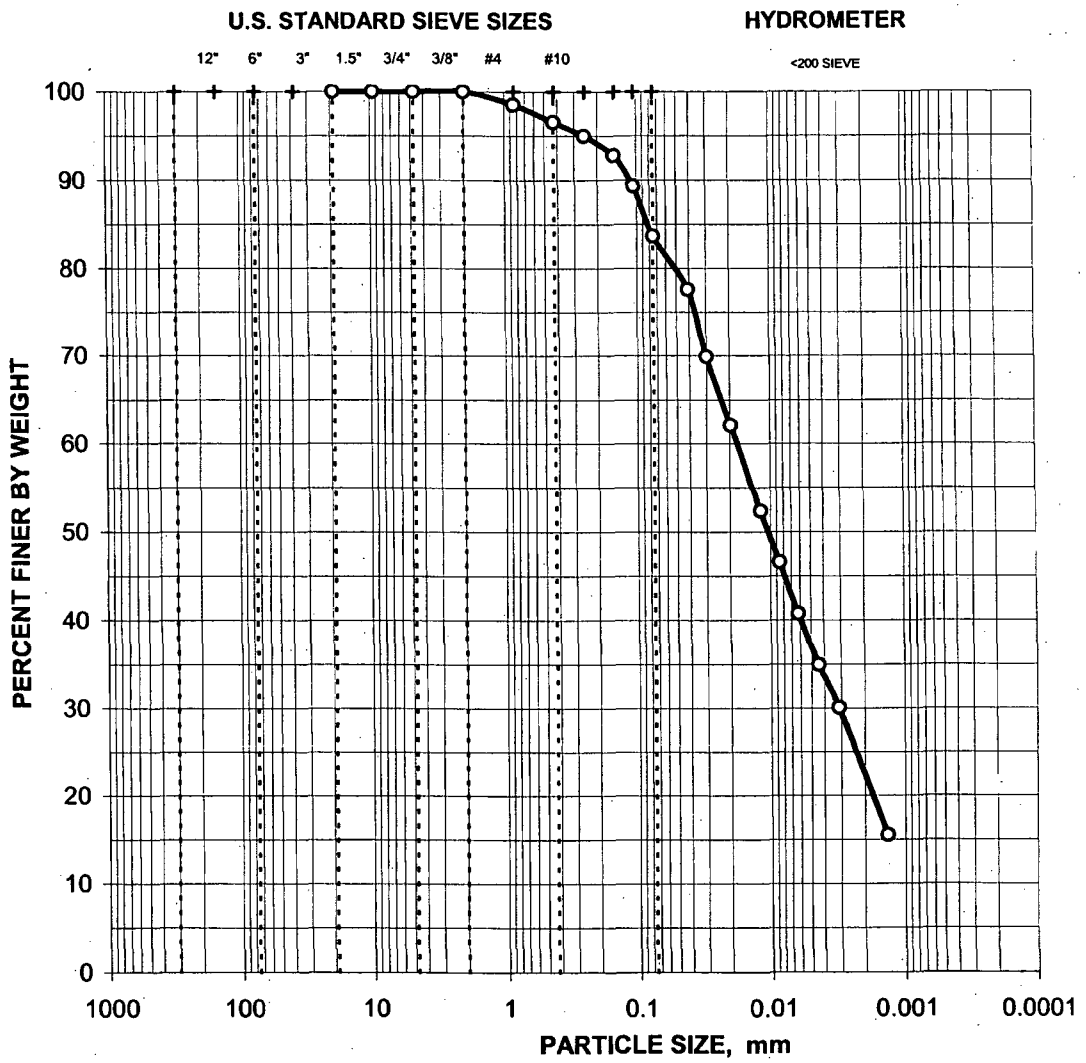
GEL - Moab



CLIENT SAMPLE NO.: GABT-14 **LAB SAMPLE NO.:** BC0924

BOULDERS	COBBLES	GRAVEL		SAND			Silt/Clay
		COARSE	FINE	COARSE	MEDIUM	FINE	

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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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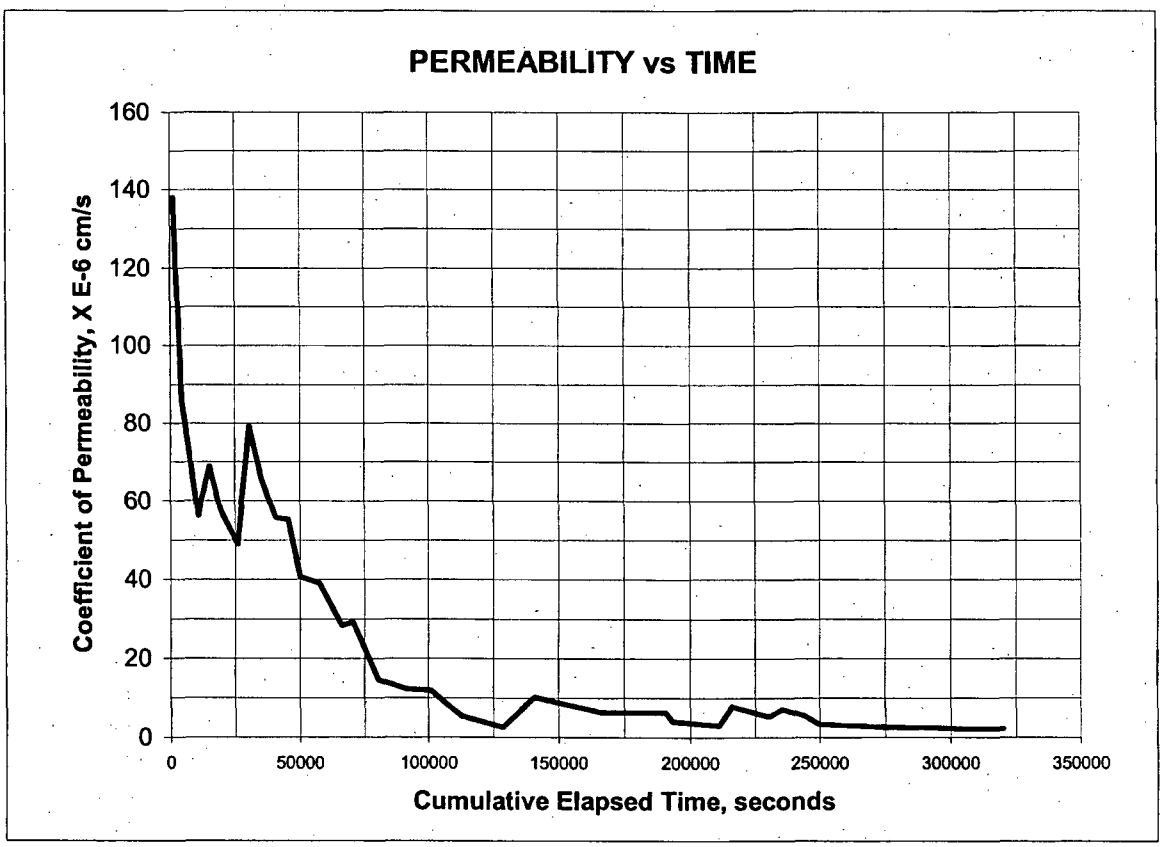
HYDRAULIC CONDUCTIVITY / PERMEABILITY
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-01
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0911

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	20
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	356.39		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	7.0		Total backpressure, psi	17.0
Wet unit weight, pcf	113.7			
Dry unit weight, pcf	106.3		Permeant Fluid	Deaired DI Water
Degree of saturation, %	33.4	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 4.7E-06



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Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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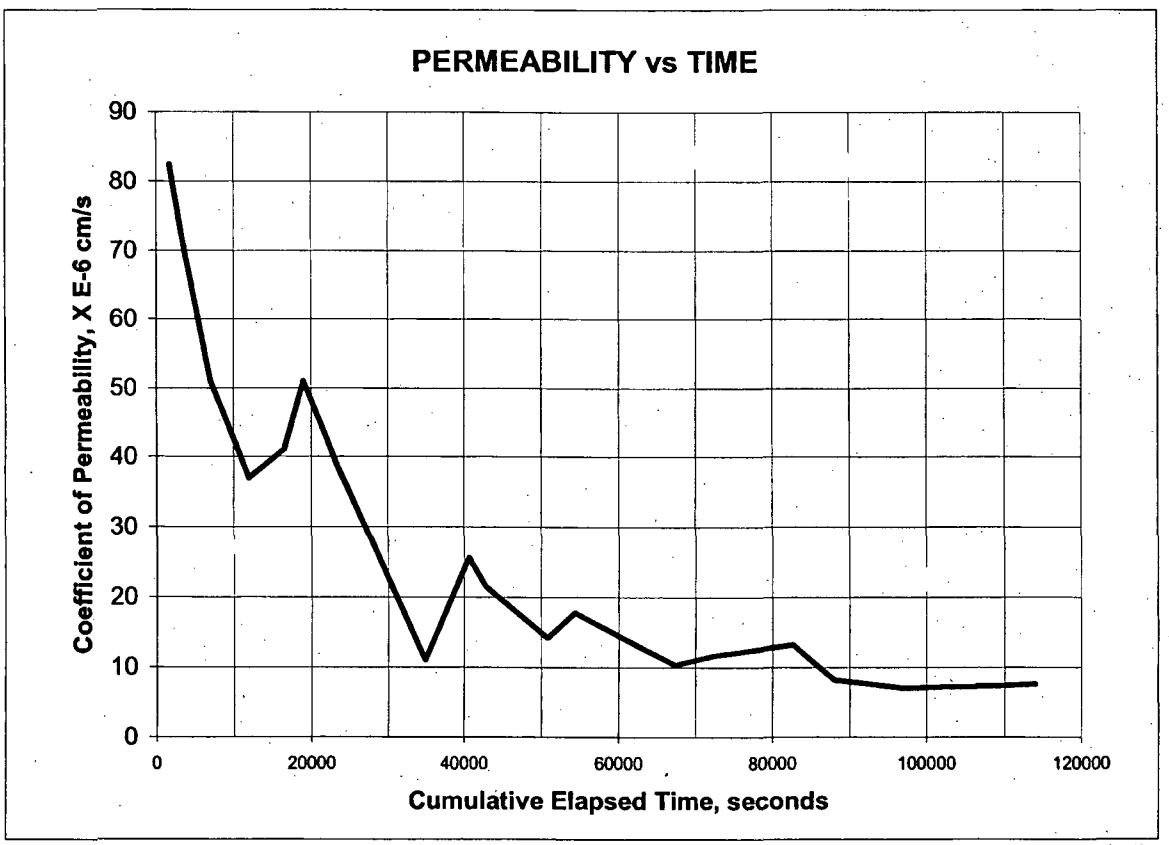
HYDRAULIC CONDUCTIVITY / PERMEABILITY
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-01
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0911

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	40
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	356.39		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	7.0		Total backpressure, psi	37.0
Wet unit weight, pcf	113.7			
Dry unit weight, pcf	106.3		Permeant Fluid	Deaired DI Water
Degree of saturation, %	33.4	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 7.6E-06



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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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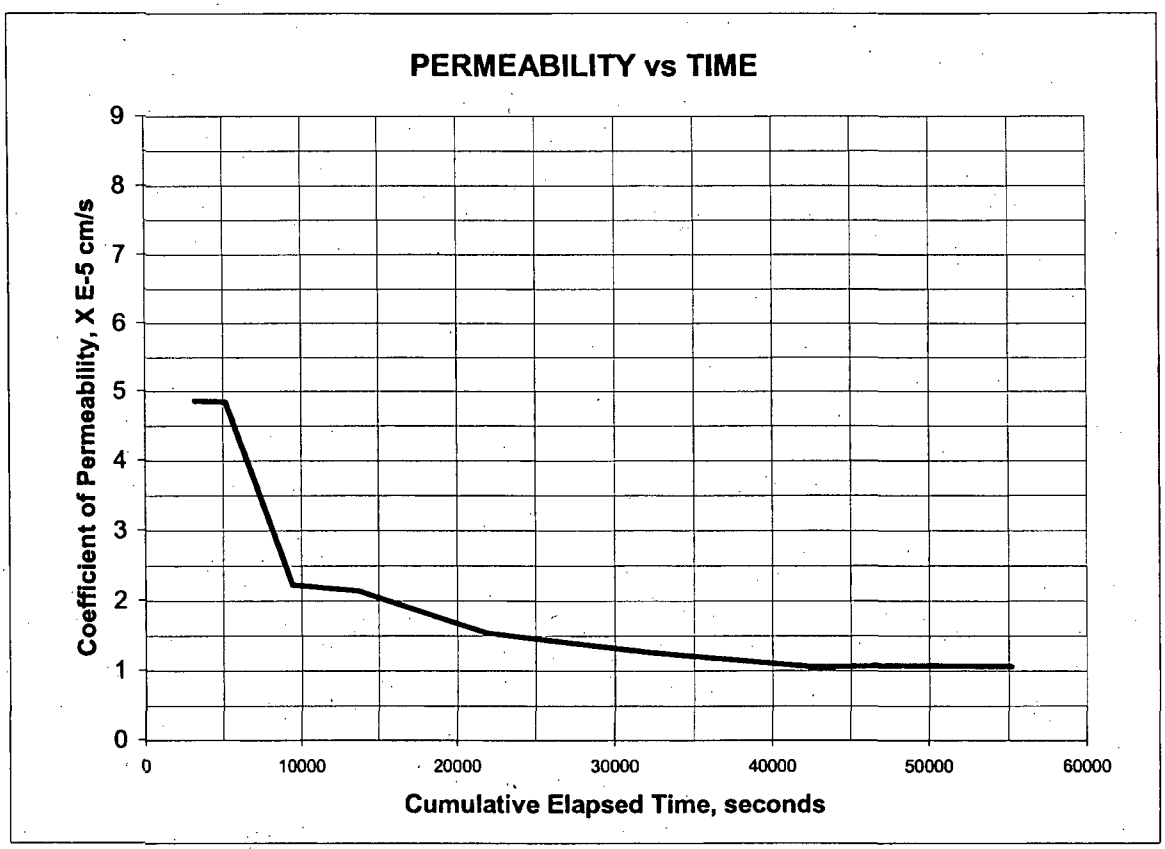
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-01
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0911

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	60
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	356.39		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	7.0		Total backpressure, psi	57.0
Wet unit weight, pcf	113.7			
Dry unit weight, pcf	106.3		Permeant Fluid	Deaired DI Water
Degree of saturation, %	33.4	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 1.1E-05



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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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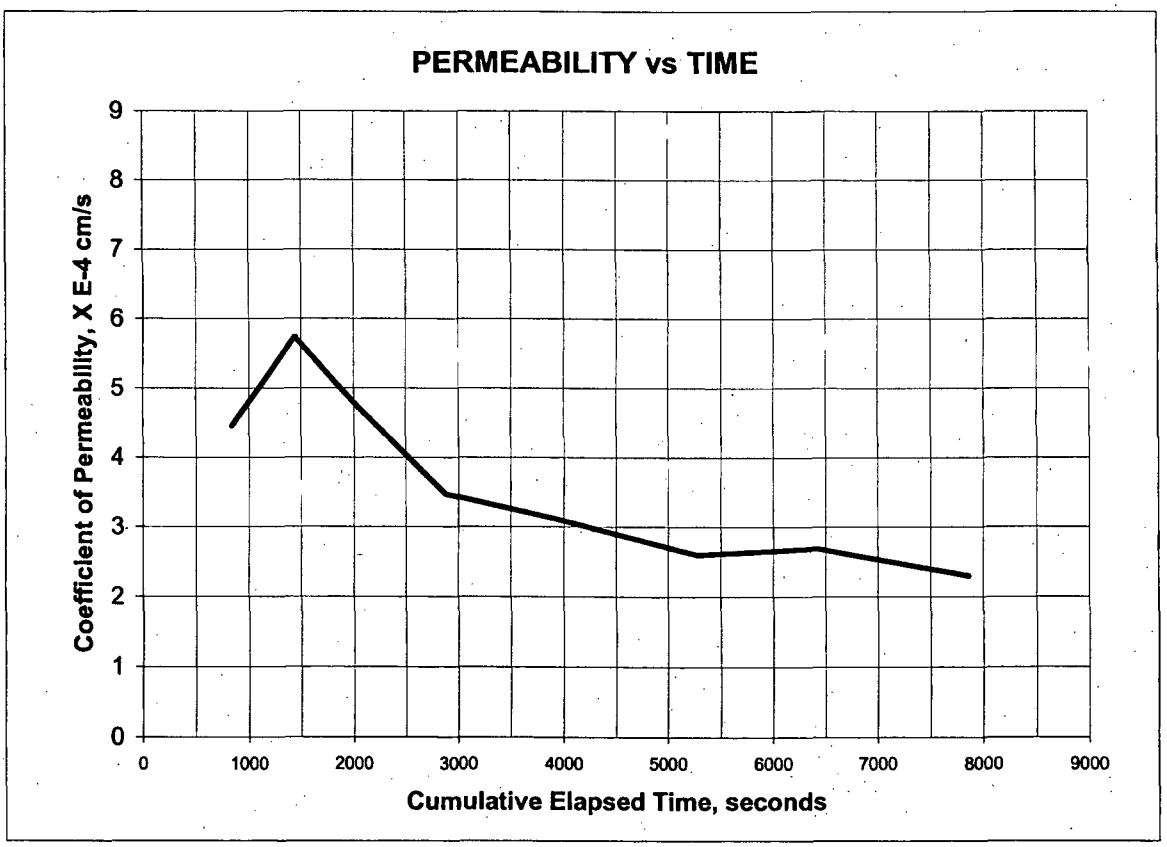
PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GABT-03
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0913

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	20
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	324.39		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	14.4		Total backpressure, psi	17.5
Wet unit weight, pcf	103.5			
Dry unit weight, pcf	90.5		Permeant Fluid	Deaired DI Water
Degree of saturation, %	46.0	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 2.7E-04



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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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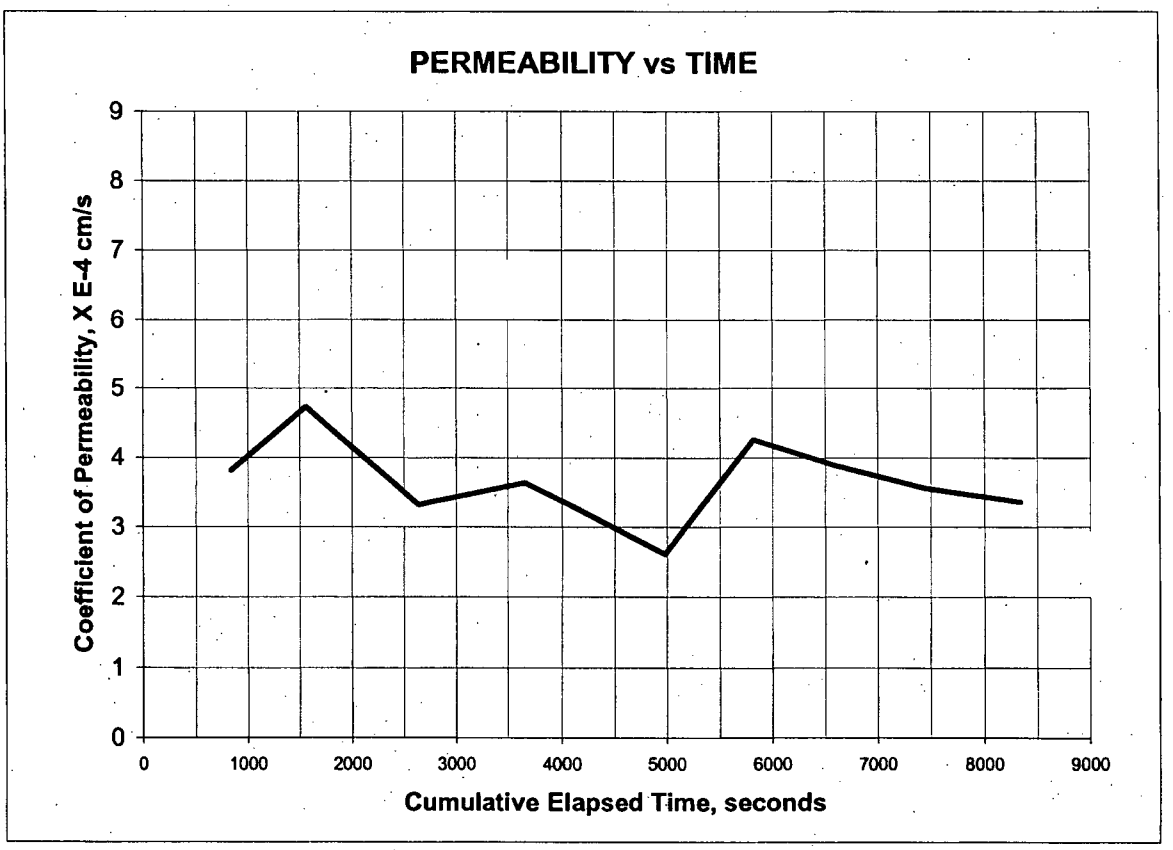
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GABT-03
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0913

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	40
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	324.39		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	14.4		Total backpressure, psi	37.5
Wet unit weight, pcf	103.5			
Dry unit weight, pcf	90.5		Permeant Fluid	Deaired DI Water
Degree of saturation, %	46.0	estimated		
Specific gravity of solids	2.650	assumed		

Coefficient of Permeability, cm/s 3.8E-04



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Shaw Project No. 109855.01410000

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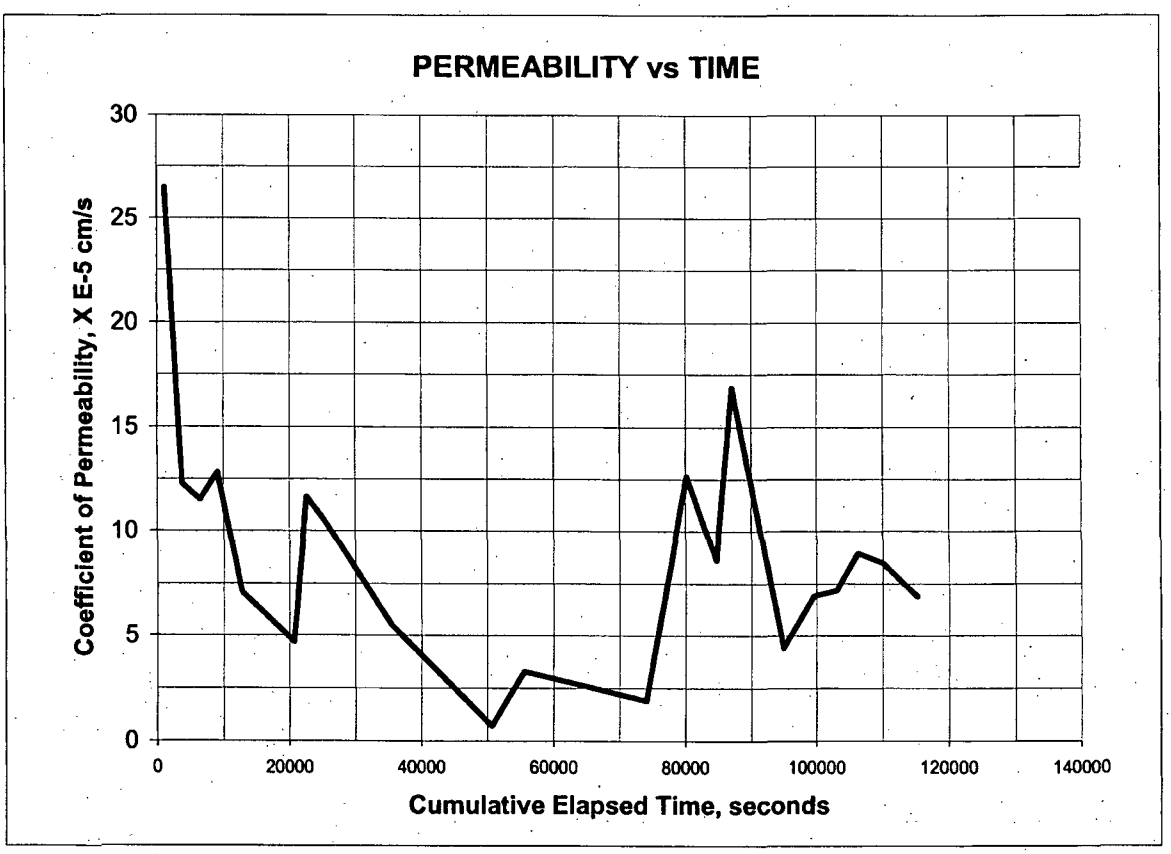
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GABT-03
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0913

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	60
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	324.39		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	14.4		Total backpressure, psi	57.5
Wet unit weight, pcf	103.5			
Dry unit weight, pcf	90.5		Permeant Fluid	Deaired DI Water
Degree of saturation, %	46.0	estimated		
Specific gravity of solids	2.650	assumed	Test readings did not meet the stability requirements of ASTM D 5084	

Coefficient of Permeability, cm/s 7.9E-05



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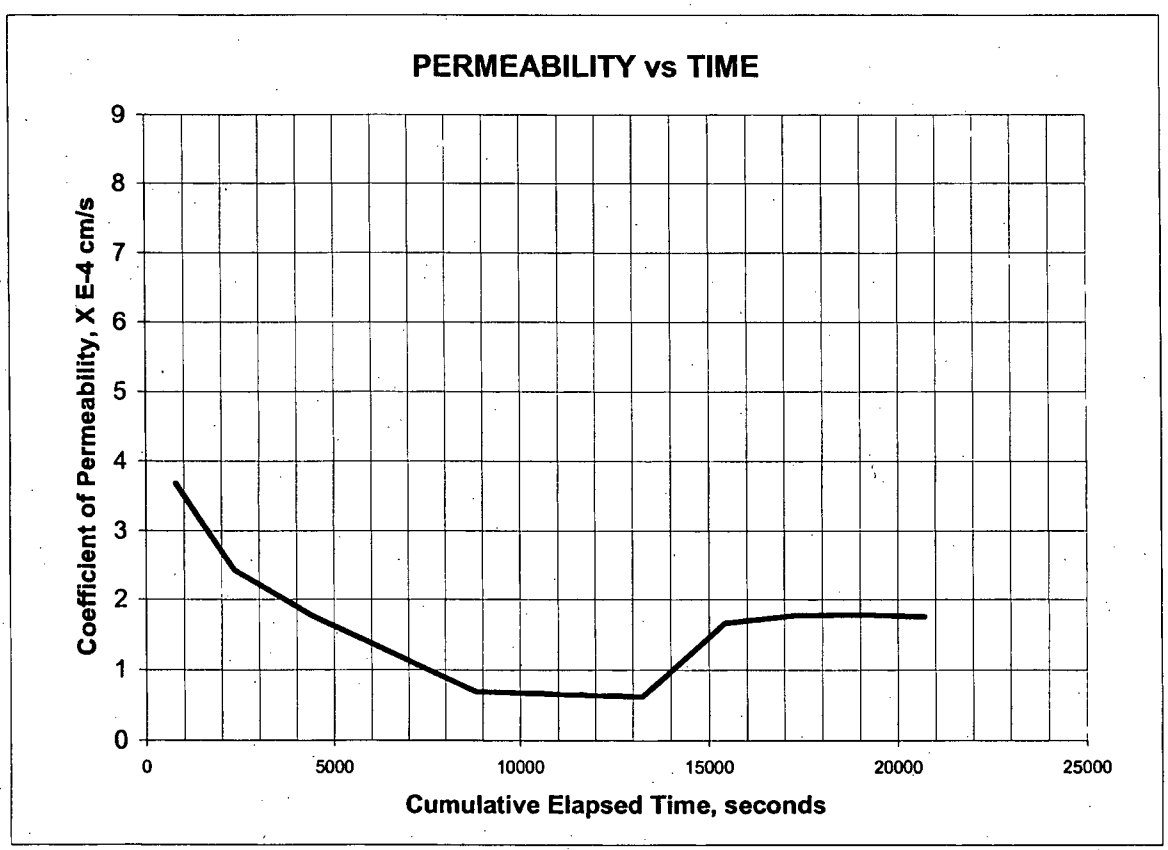
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-04
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0914

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	20
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	324.78		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	17.5		Total backpressure, psi	17.5
Wet unit weight, pcf	103.6			
Dry unit weight, pcf	88.2		Permeant Fluid	Deaired DI Water
Degree of saturation, %	53.0	estimated		
Specific gravity of solids	2.650	assumed		

Coefficient of Permeability, cm/s 1.7E-04



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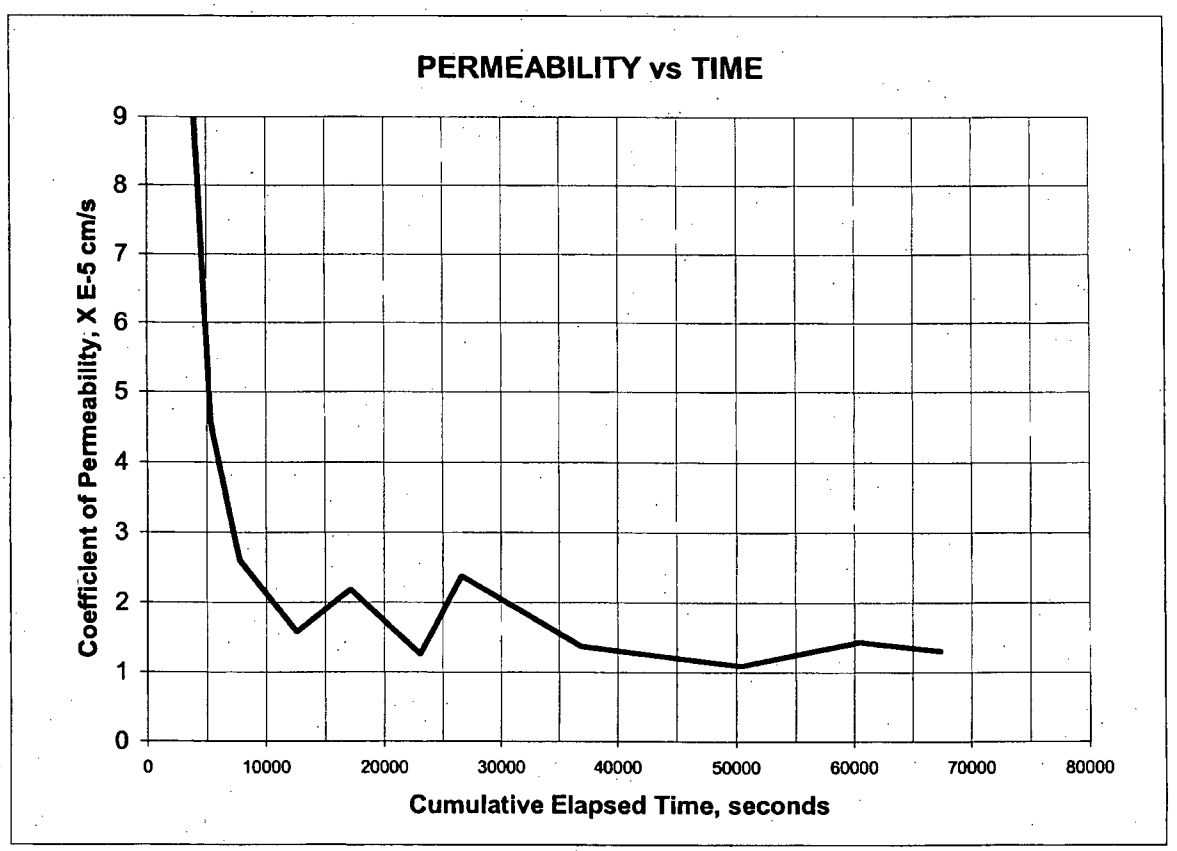
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-04
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0914

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	40
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	324.78		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	17.5		Total backpressure, psi	37.0
Wet unit weight, pcf	103.6			
Dry unit weight, pcf	88.2		Permeant Fluid	Deaired DI Water
Degree of saturation, %	53.0	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 1.3E-05



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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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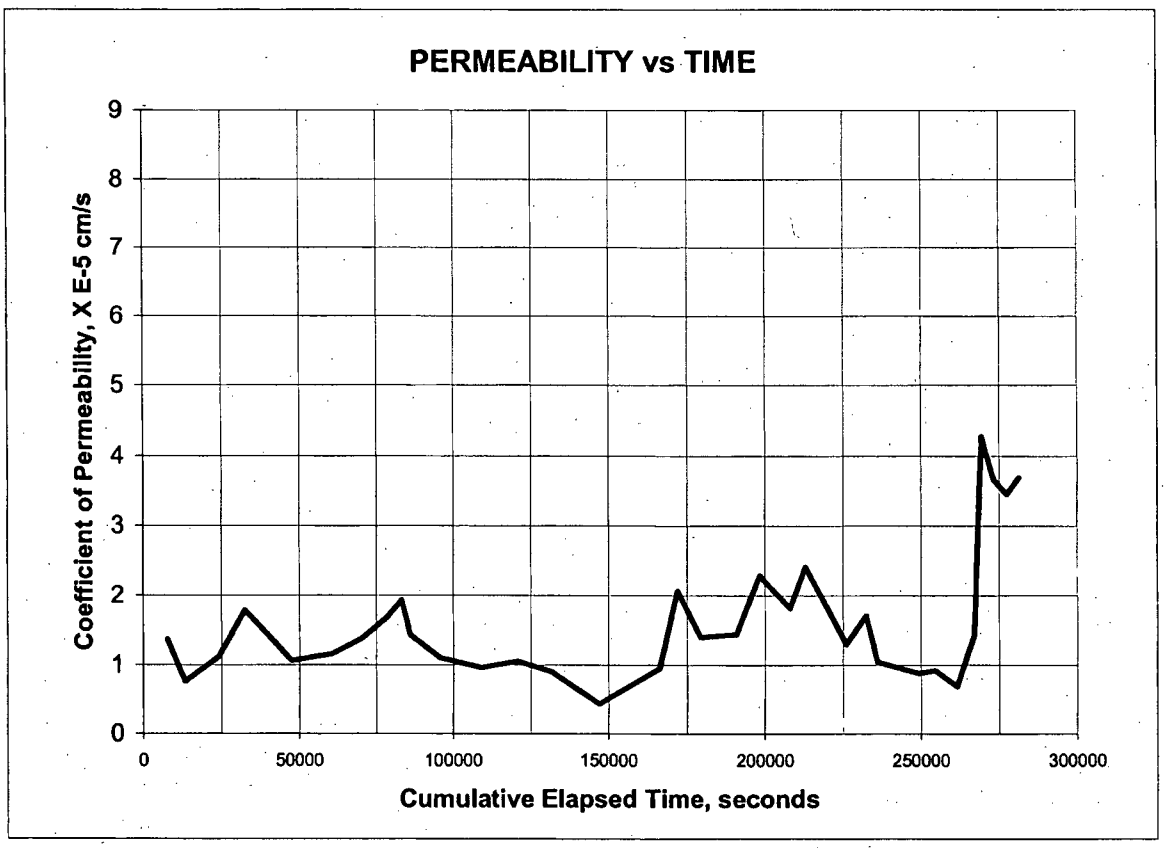
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-04
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0914

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	60
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	324.78		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	17.5		Total backpressure, psi	57.0
Wet unit weight, pcf	103.6			
Dry unit weight, pcf	88.2		Permeant Fluid	Deaired DI Water
Degree of saturation, %	53.0	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 1.8E-05



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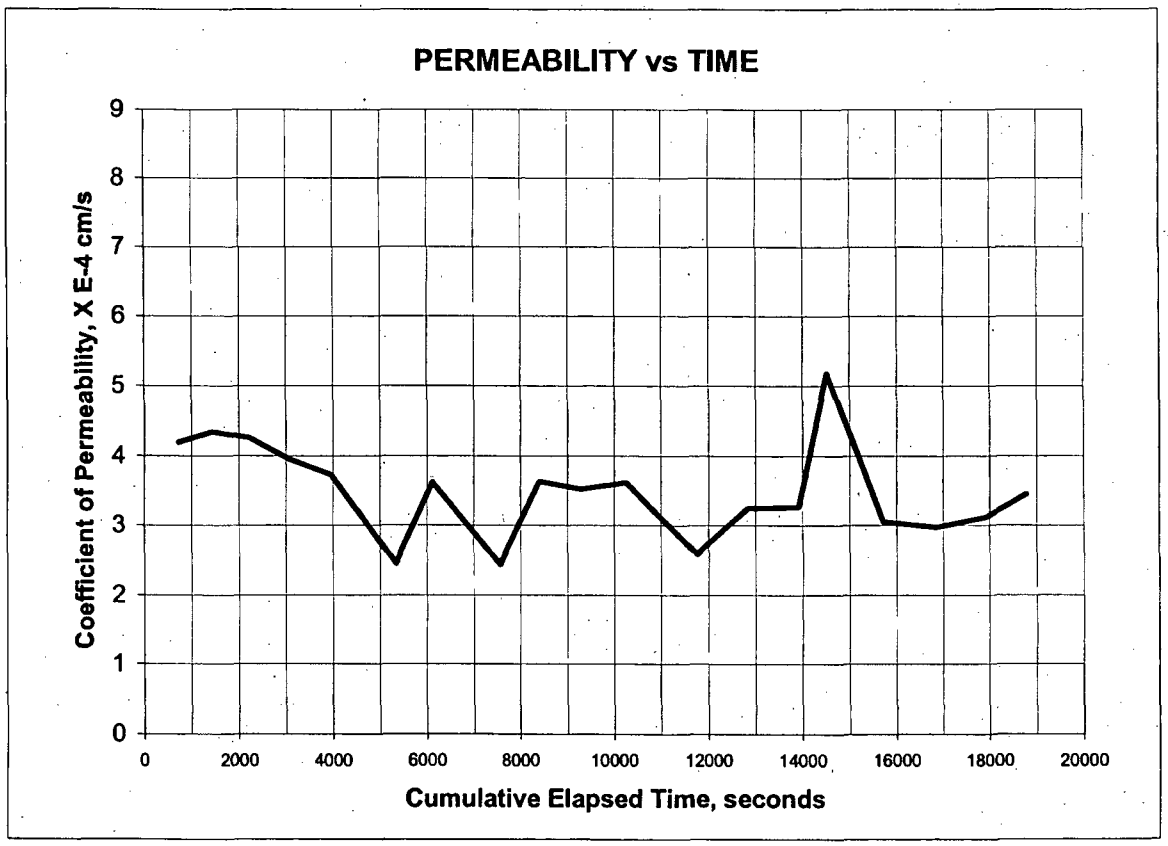
PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-05
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0915

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	20
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	367.42		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	15.3		Total backpressure, psi	17.5
Wet unit weight, pcf	117.3			
Dry unit weight, pcf	101.7		Permeant Fluid	Deaired DI Water
Degree of saturation, %	64.6	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 3.1E-04



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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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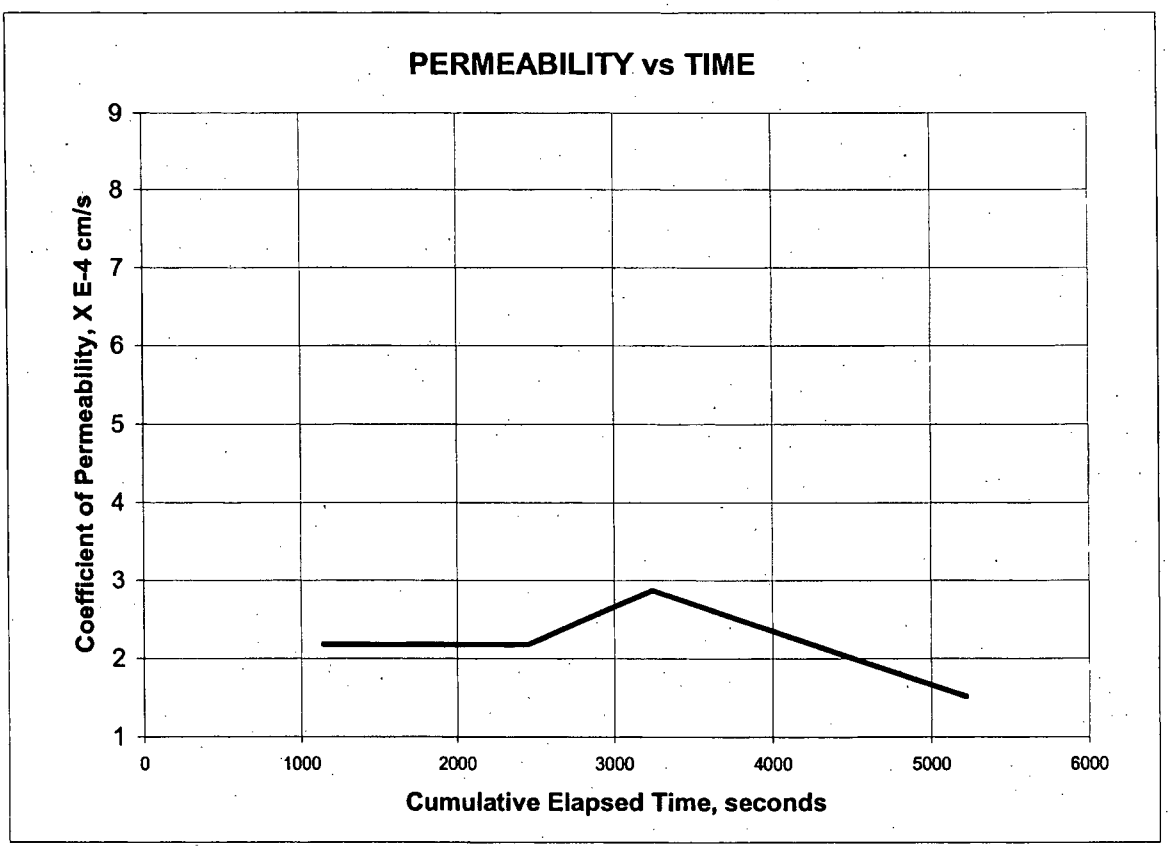
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-05
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0915

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	40
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	367.42		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	15.3		Total backpressure, psi	37.5
Wet unit weight, pcf	117.3			
Dry unit weight, pcf	101.7		Permeant Fluid	Deaired DI Water
Degree of saturation, %	64.6	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 2.2E-04



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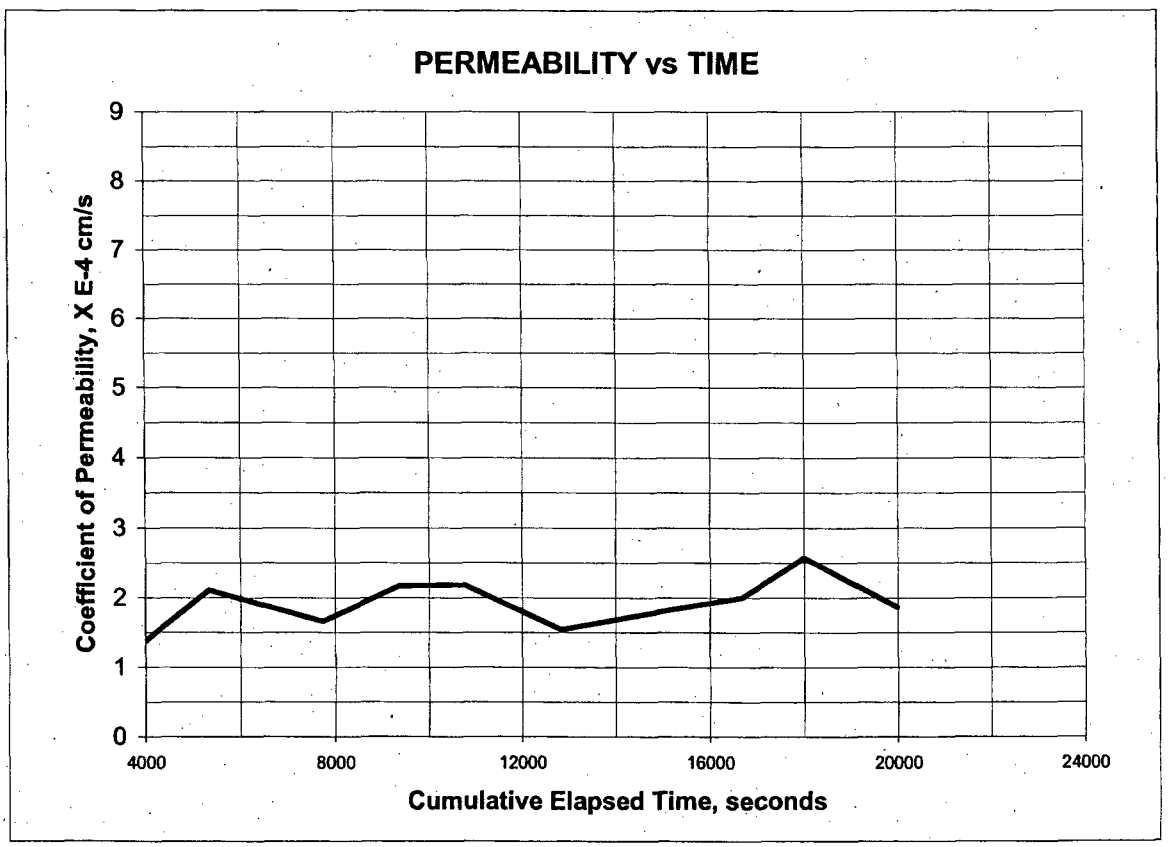
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-05
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0915

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	60
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	367.42		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	15.3		Total backpressure, psi	57.5
Wet unit weight, pcf	117.3			
Dry unit weight, pcf	101.7		Permeant Fluid	Deaired DI Water
Degree of saturation, %	64.6	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 2.1E-04



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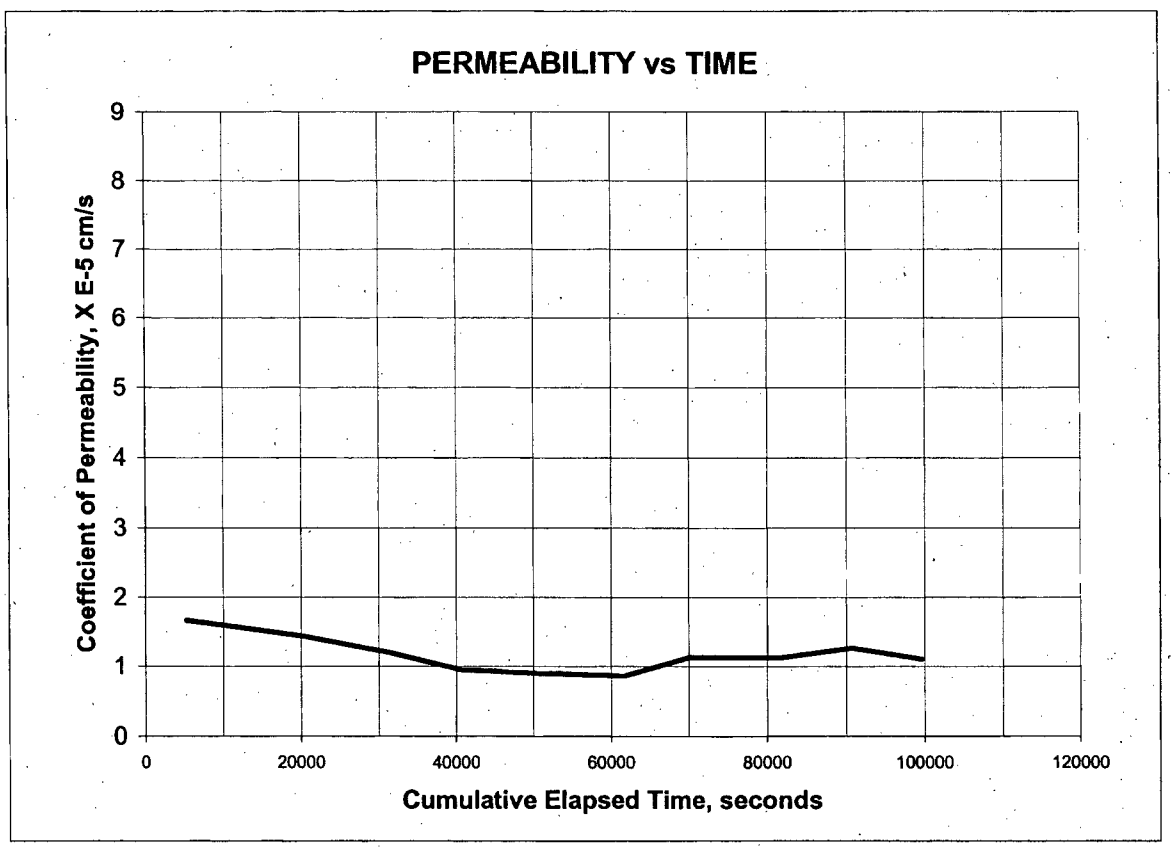
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GABT-07
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0917

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	20
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	363.52		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	20.5		Total backpressure, psi	17.0
Wet unit weight, pcf	116.0			
Dry unit weight, pcf	96.3		Permeant Fluid	Deaired DI Water
Degree of saturation, %	75.6	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 1.2E-05



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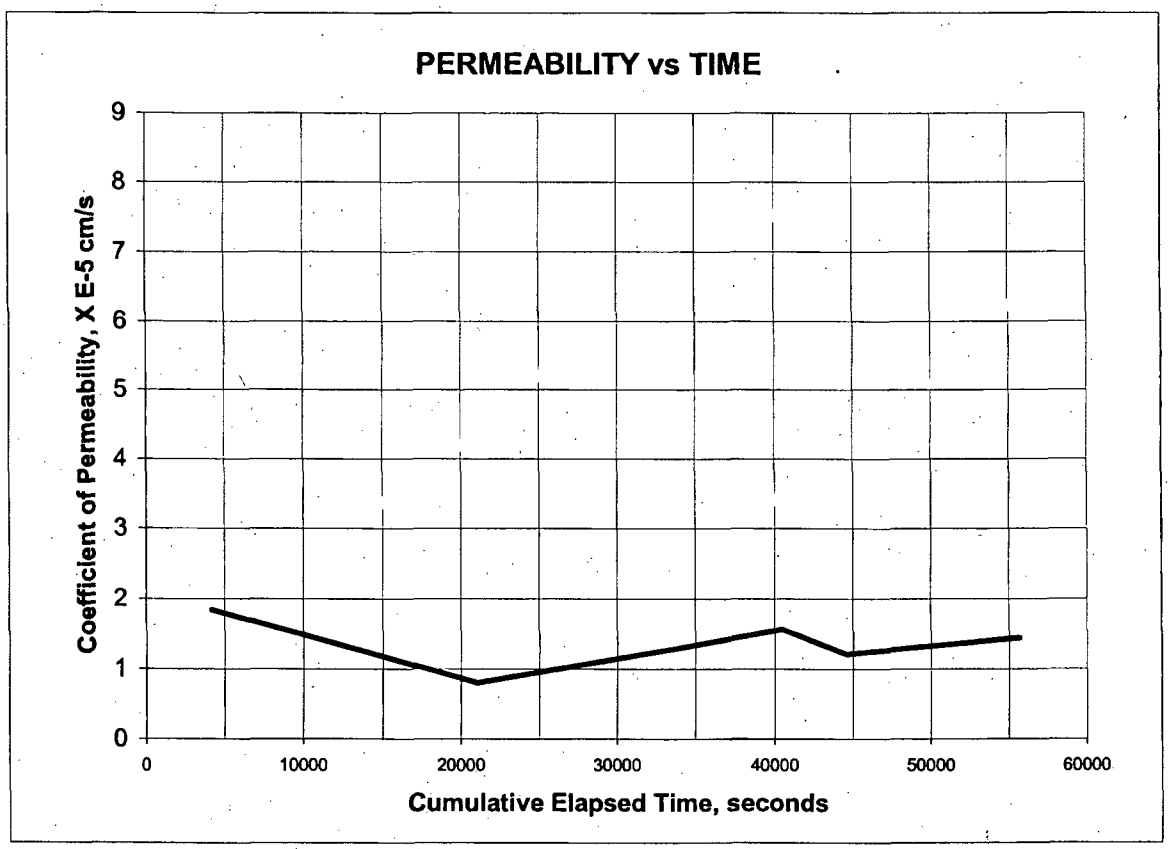
PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GABT-07
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0917

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	40
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	363.52		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	20.5		Total backpressure, psi	37.0
Wet unit weight, pcf	116.0			
Dry unit weight, pcf	96.3		Permeant Fluid	Deaired DI Water
Degree of saturation, %	75.6	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 1.4E-05



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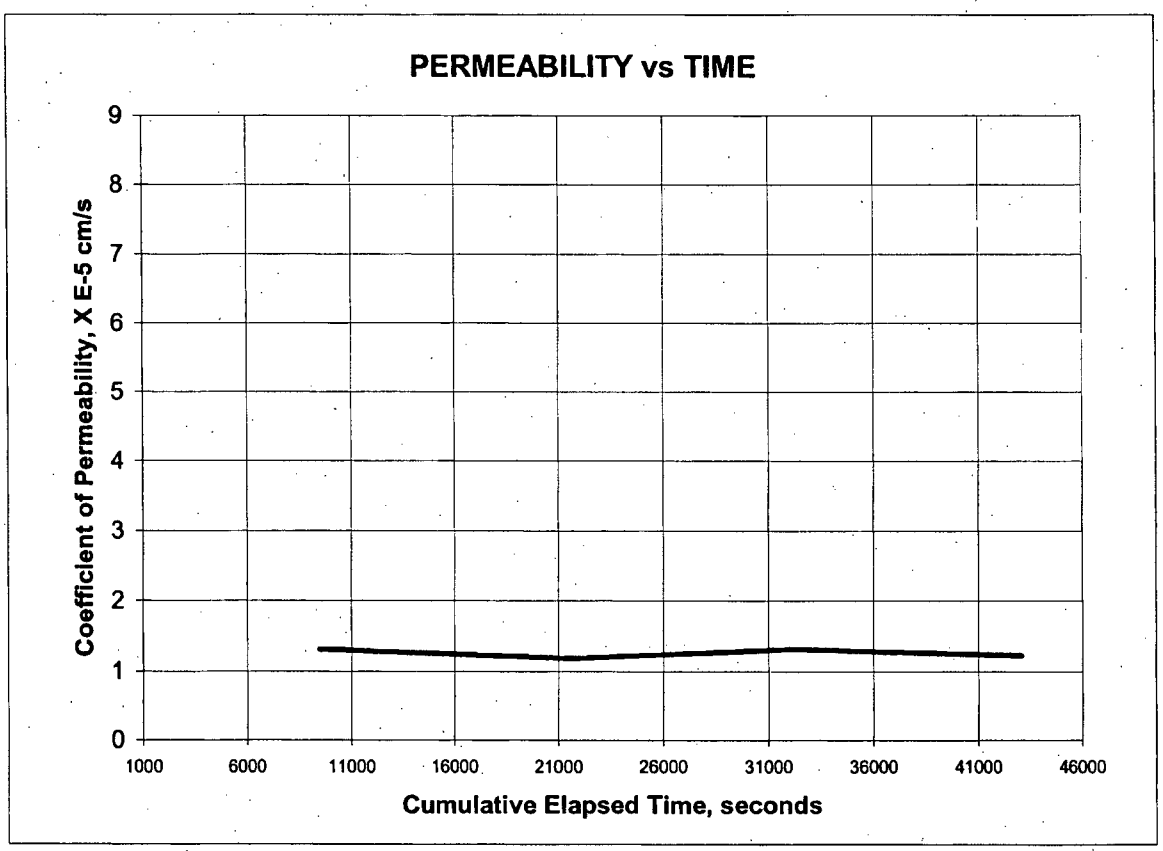
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GABT-07
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0917

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	60
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	363.52		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	20.5		Total backpressure, psi	57.0
Wet unit weight, pcf	116.0			
Dry unit weight, pcf	96.3		Permeant Fluid	Deaired DI Water
Degree of saturation, %.	75.6	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 1.3E-05



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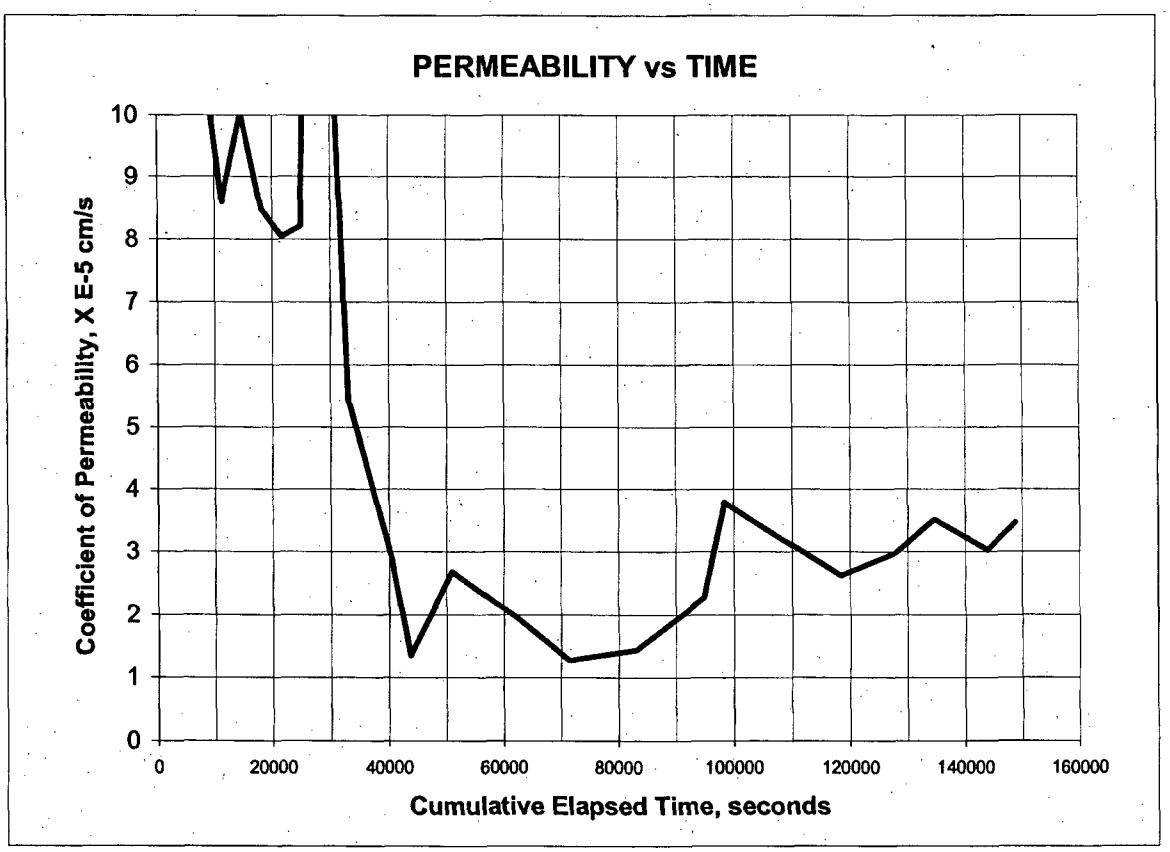
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GABT-08
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0918

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	20
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	374.76		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	17.9		Total backpressure, psi	17.5
Wet unit weight, pcf	119.6			
Dry unit weight, pcf	101.4		Permeant Fluid	Deaired DI Water
Degree of saturation, %	75.2	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 3.2E-05



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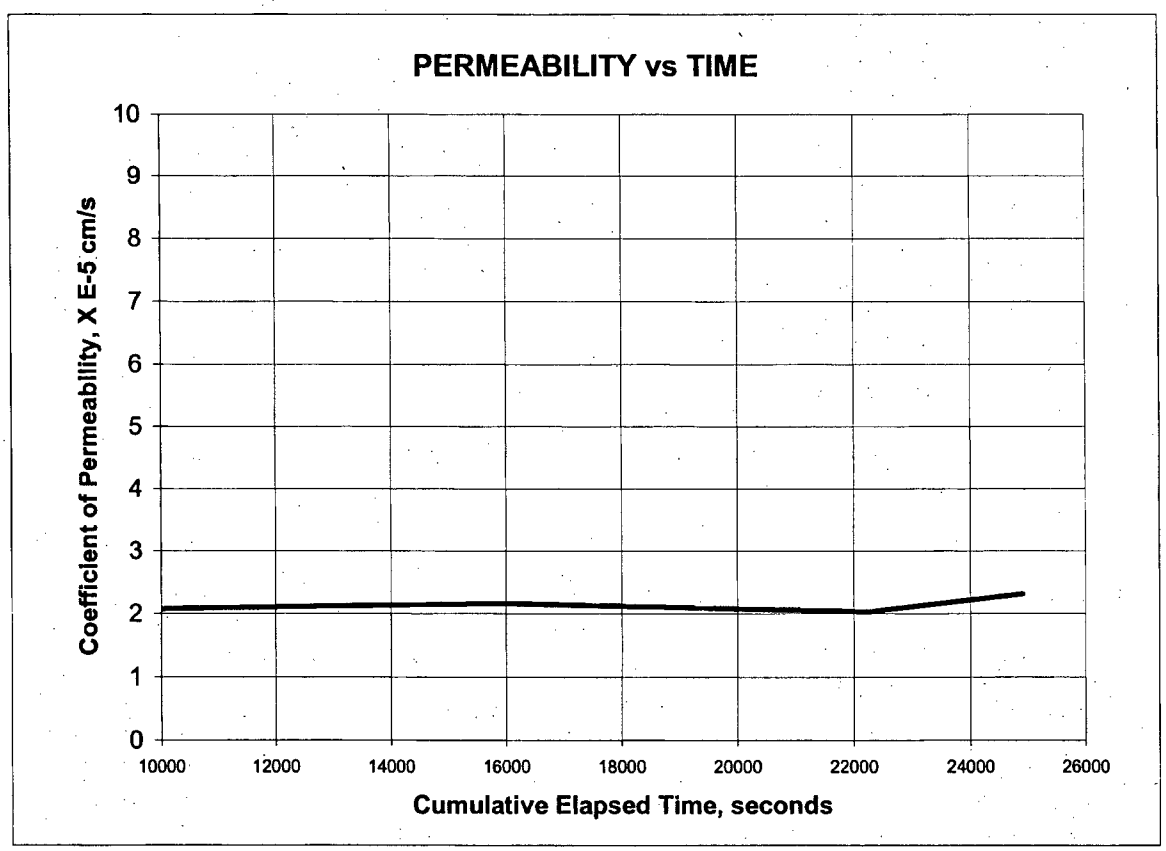
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GABT-08
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0918

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	40
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	374.76		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	17.9		Total backpressure, psi	37.0
Wet unit weight, pcf	119.6			
Dry unit weight, pcf	101.4		Permeant Fluid	Deaired DI Water
Degree of saturation, %	75.2	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 2.1E-05



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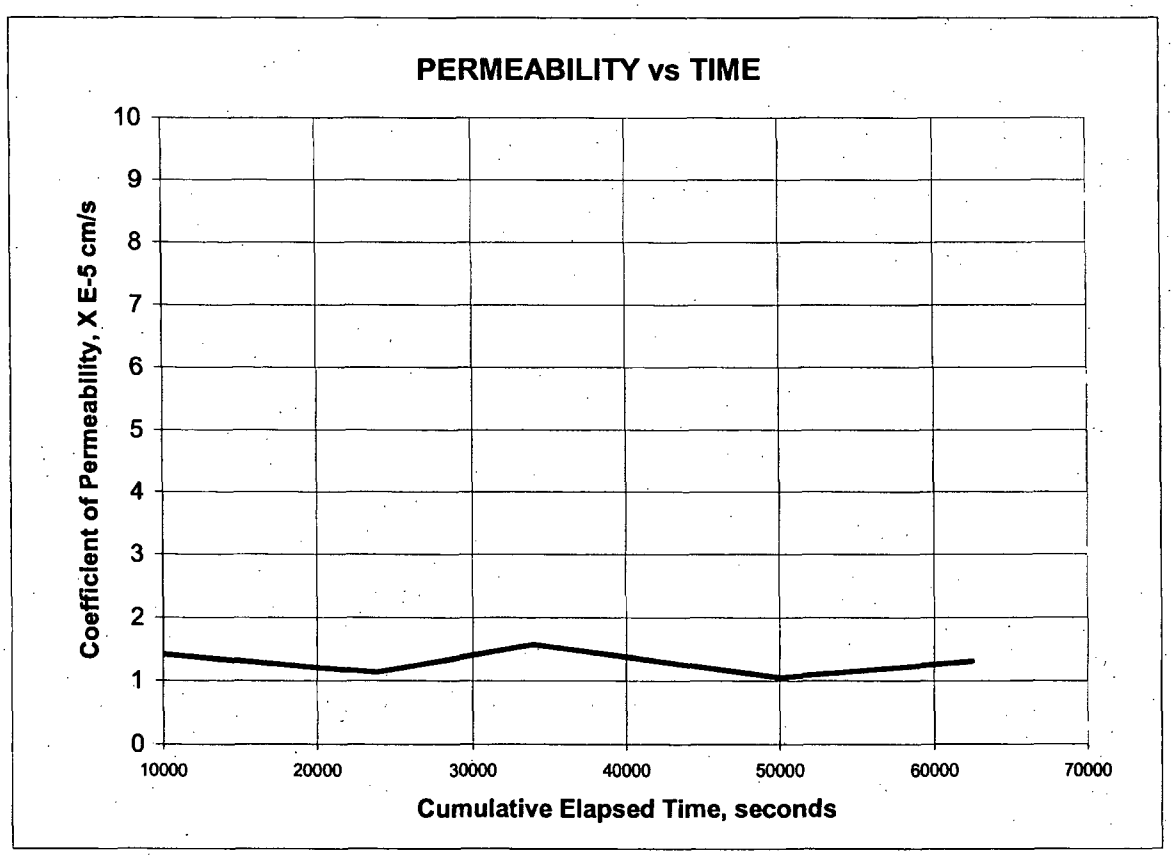
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GABT-08
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0918

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	60
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	374.76		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	17.9		Total backpressure, psi	57.0
Wet unit weight, pcf	119.6			
Dry unit weight, pcf	101.4		Permeant Fluid	Deaired DI Water
Degree of saturation, %	75.2	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 7.4E-05



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General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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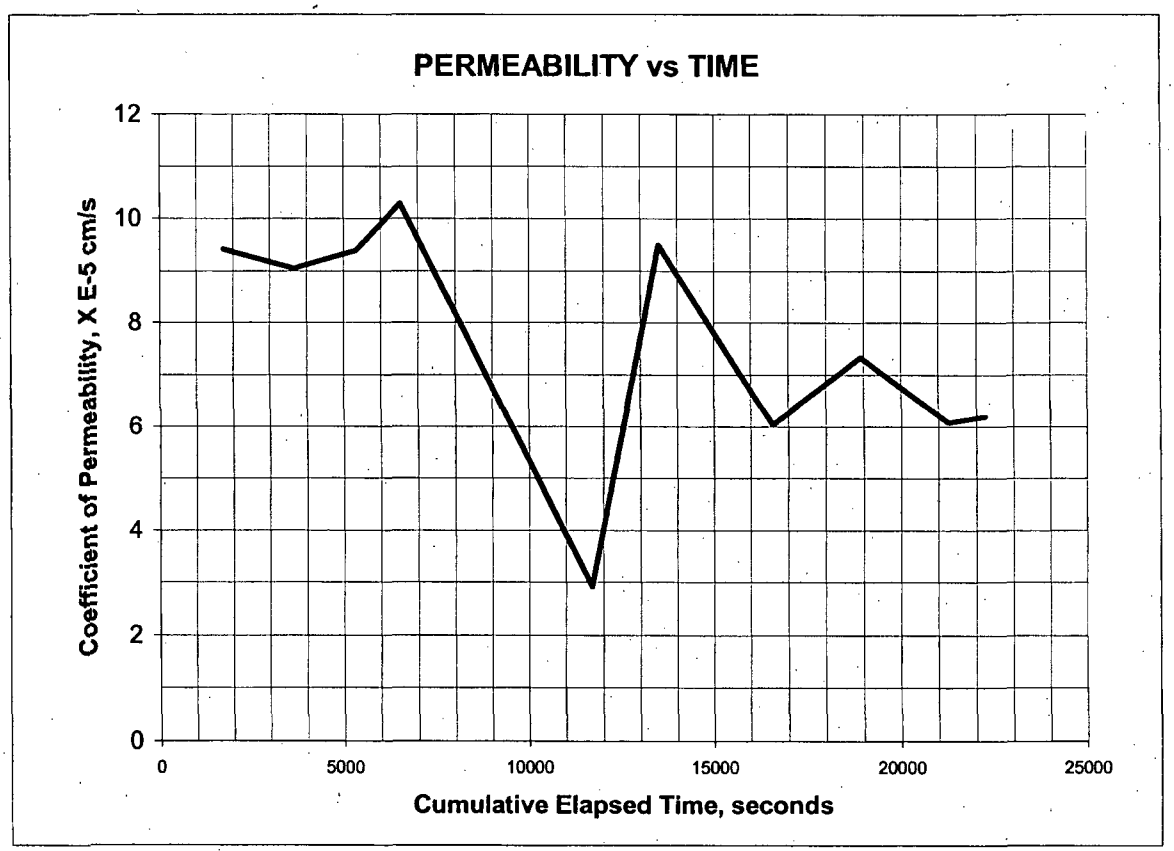
HYDRAULIC CONDUCTIVITY / PERMEABILITY
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-09
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0919

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	20
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	353.83		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	23.0		Total backpressure, psi	17.0
Wet unit weight, pcf	112.9			
Dry unit weight, pcf	91.8		Permeant Fluid	Deaired DI Water
Degree of saturation, %	75.9	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 6.4E-05



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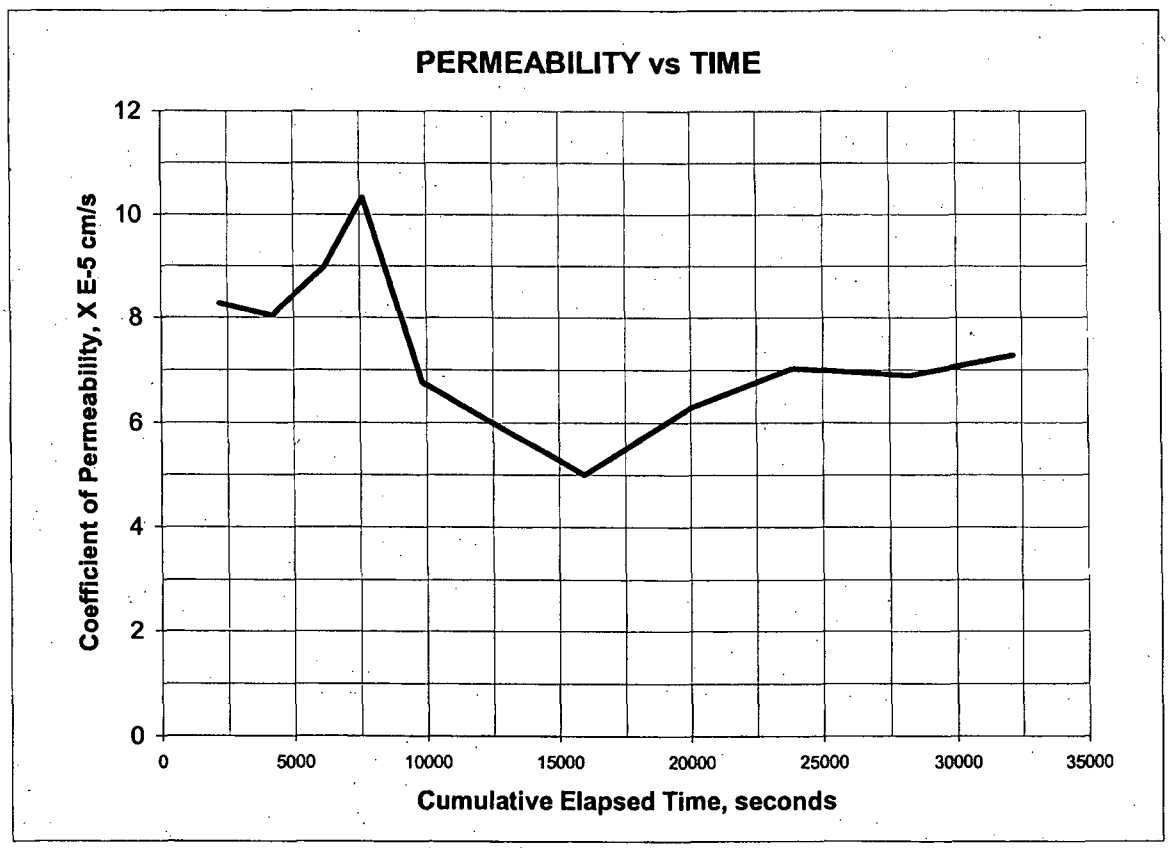
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-09
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0919

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	40
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	353.83		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	23.0		Total backpressure, psi	37.5
Wet unit weight, pcf	112.9			
Dry unit weight, pcf	91.8		Permeant Fluid	Deaired DI Water
Degree of saturation, %	75.9	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 6.9E-05



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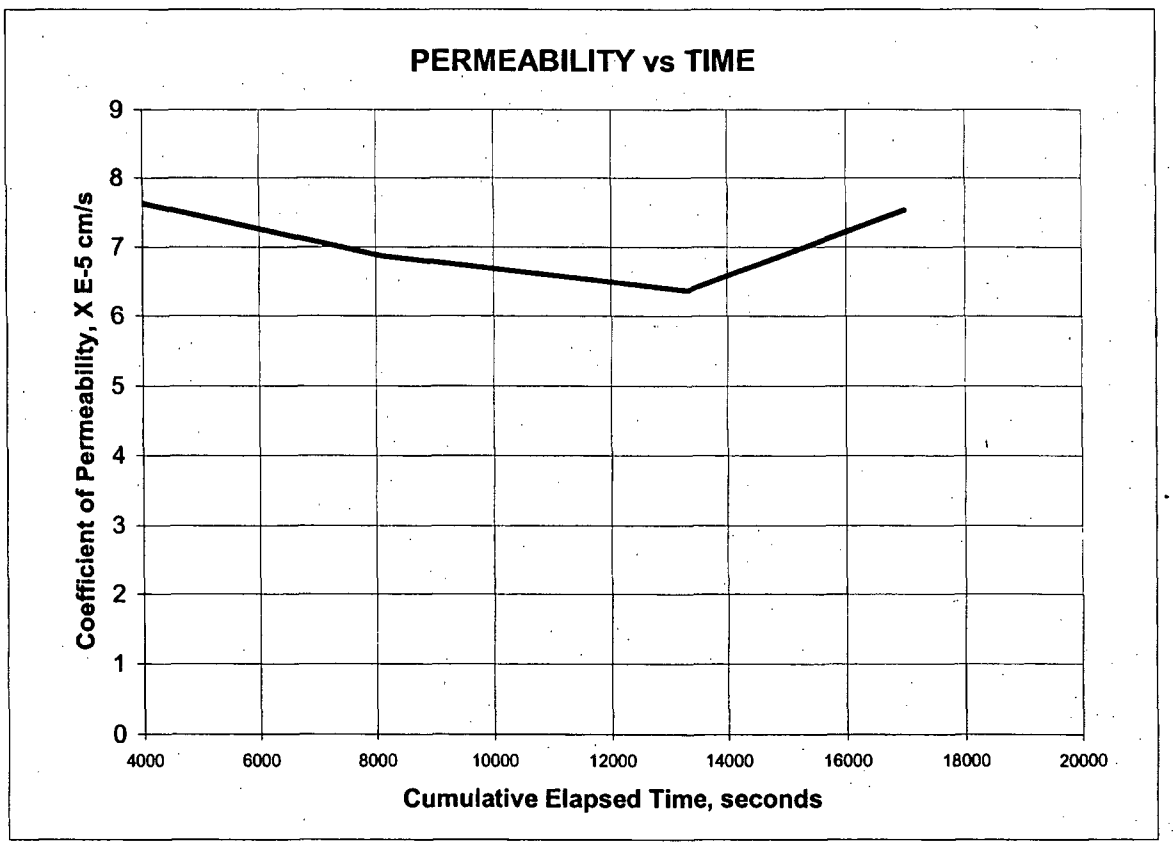
HYDRAULIC CONDUCTIVITY / PERMEABILITY
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-09
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0919

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	60
Specimen length, cm	10.12		Hydraulic gradient	3.5
Wet weight of specimen, g.	353.83		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	2.5
Water content, %	23.0		Total backpressure, psi	57.5
Wet unit weight, pcf	112.9			
Dry unit weight, pcf	91.8		Permeant Fluid	Deaired DI Water
Degree of saturation, %	75.9	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 7.1E-05



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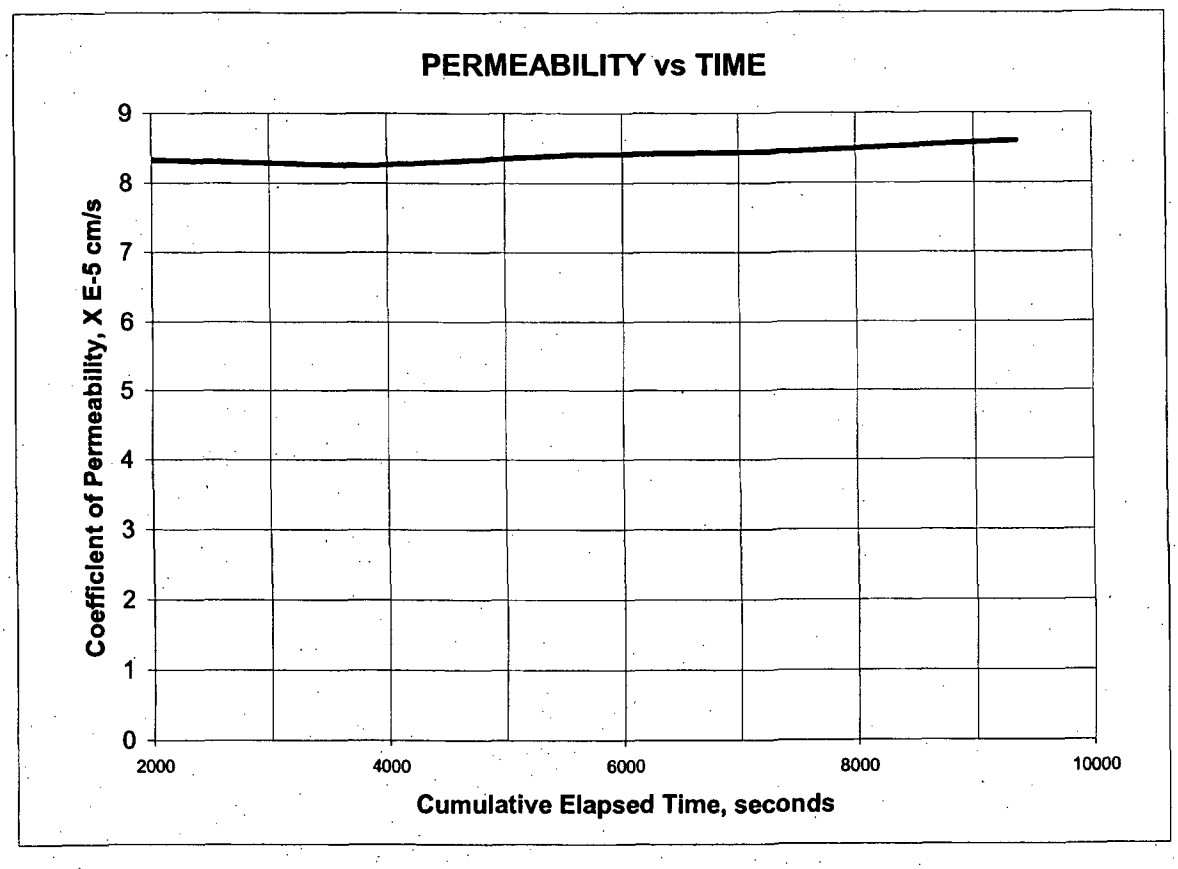
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-12
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0922

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	20
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	316.81		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	20.9		Total backpressure, psi	17.0
Wet unit weight, pcf	101.1			
Dry unit weight, pcf	83.6		Permeant Fluid	Deaired DI Water
Degree of saturation, %	56.6	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 8.4E-05



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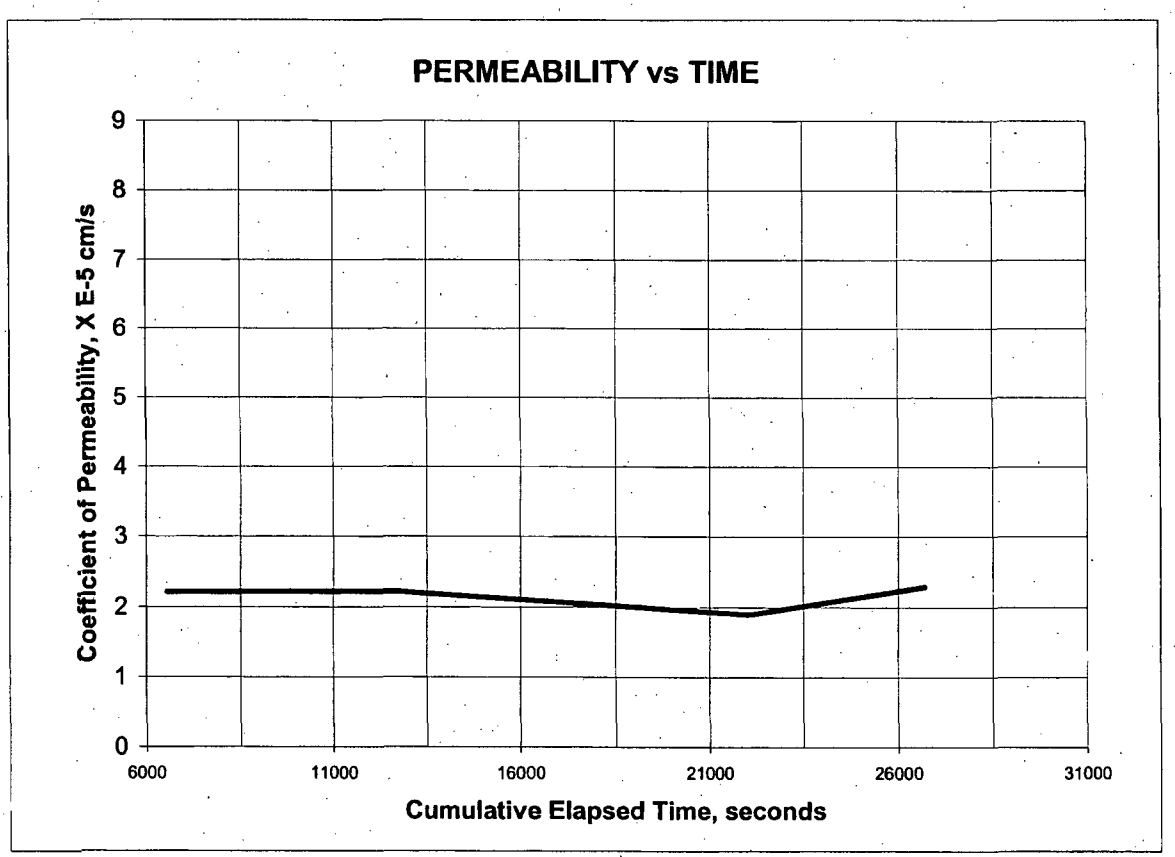
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-12
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0922

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	40
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	316.81		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	20.9		Total backpressure, psi	37.0
Wet unit weight, pcf	101.1			
Dry unit weight, pcf	83.6		Permeant Fluid	Deaired DI Water
Degree of saturation, %	56.6	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 2.1E-05



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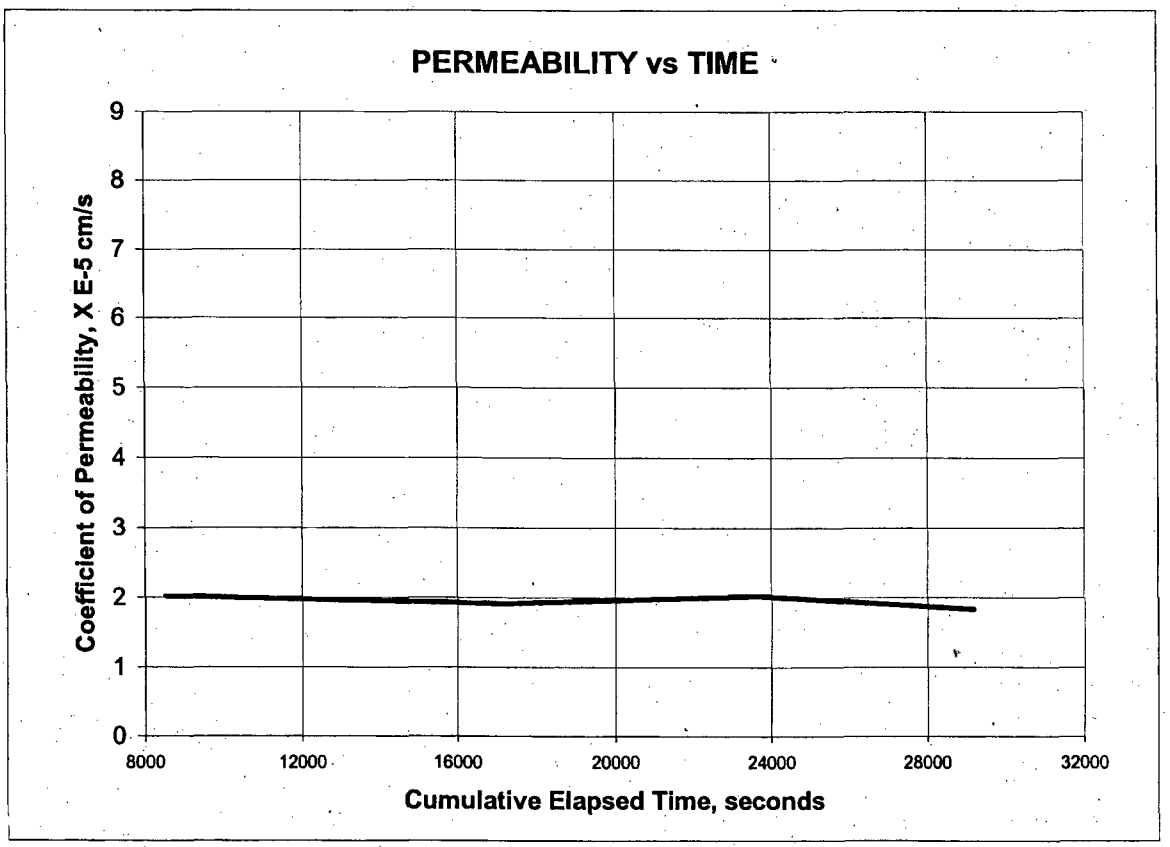
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-12
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0922

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	60
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	316.81		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	3.0
Water content, %	20.9		Total backpressure, psi	57.0
Wet unit weight, pcf	101.1			
Dry unit weight, pcf	83.6		Permeant Fluid	Deaired DI Water
Degree of saturation, %	56.6	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 1.9E-05



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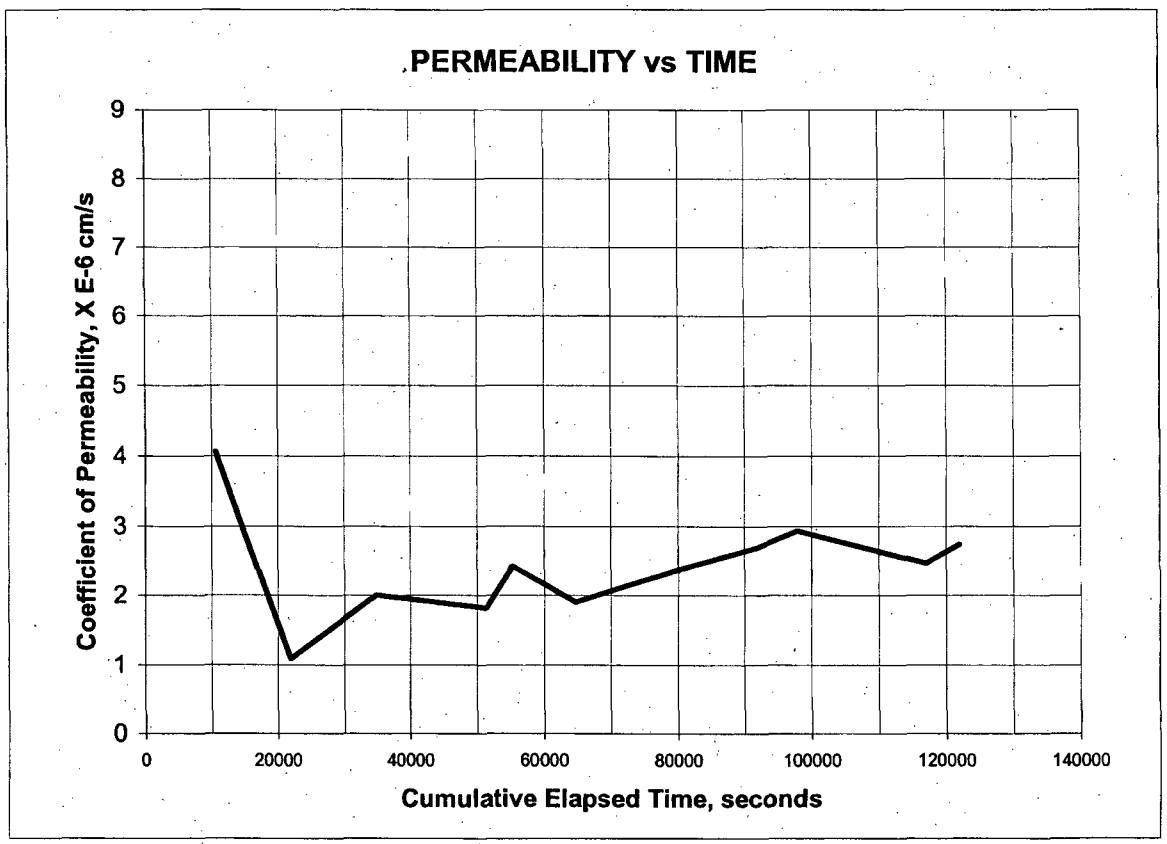
HYDRAULIC CONDUCTIVITY / PERMEABILITY
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-14
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0924

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	20
Specimen length, cm	10.12		Hydraulic gradient	7.0
Wet weight of specimen, g.	312.37		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	4.0
Water content, %	22.8		Total backpressure, psi	16.0
Wet unit weight, pcf	99.7			
Dry unit weight, pcf	81.2		Permeant Fluid	Deaired DI Water
Degree of saturation, %	58.2	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 2.7E-06



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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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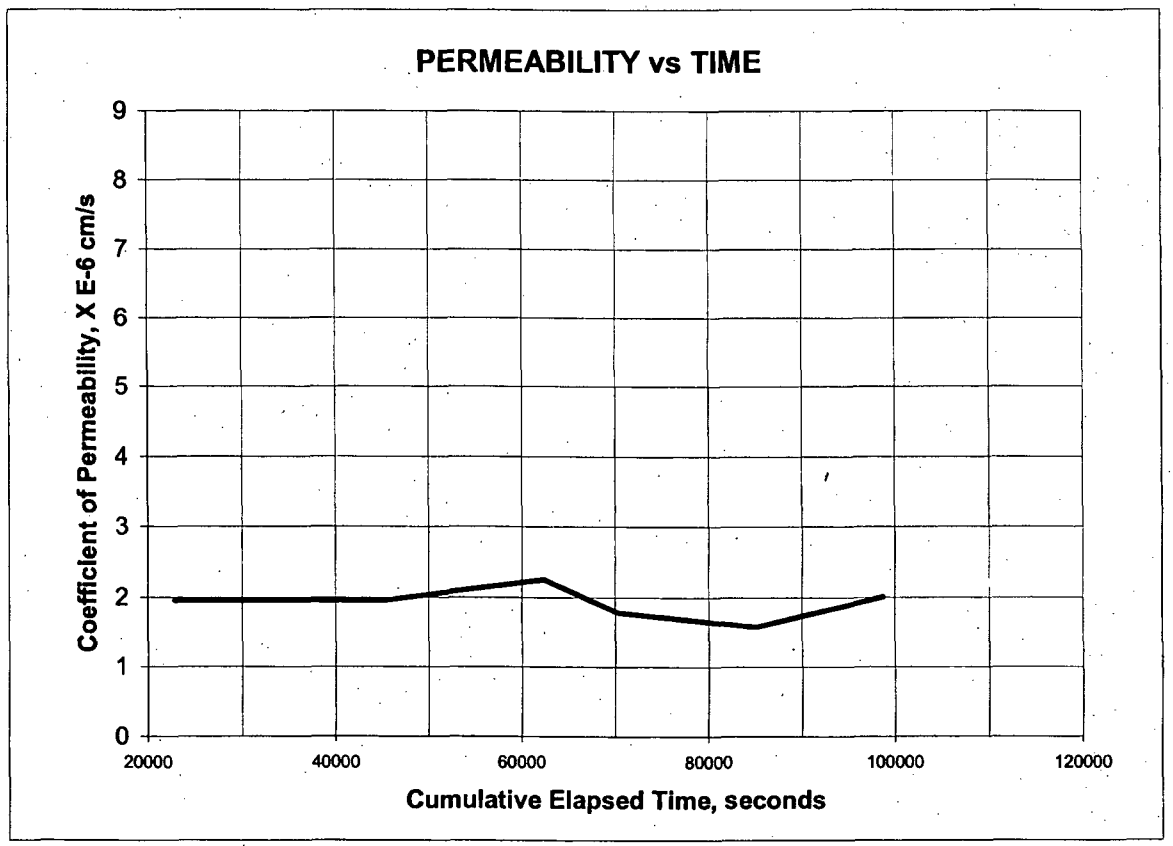
HYDRAULIC CONDUCTIVITY / PERMEABILITY
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-14
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0924

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	40
Specimen length, cm	10.12		Hydraulic gradient	13.9
Wet weight of specimen, g.	312.37		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	4.0
Water content, %	22.8		Total backpressure, psi	36.0
Wet unit weight, pcf	99.7			
Dry unit weight, pcf	81.2		Permeant Fluid	Deaired DI Water
Degree of saturation, %	58.18	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 1.8E-06



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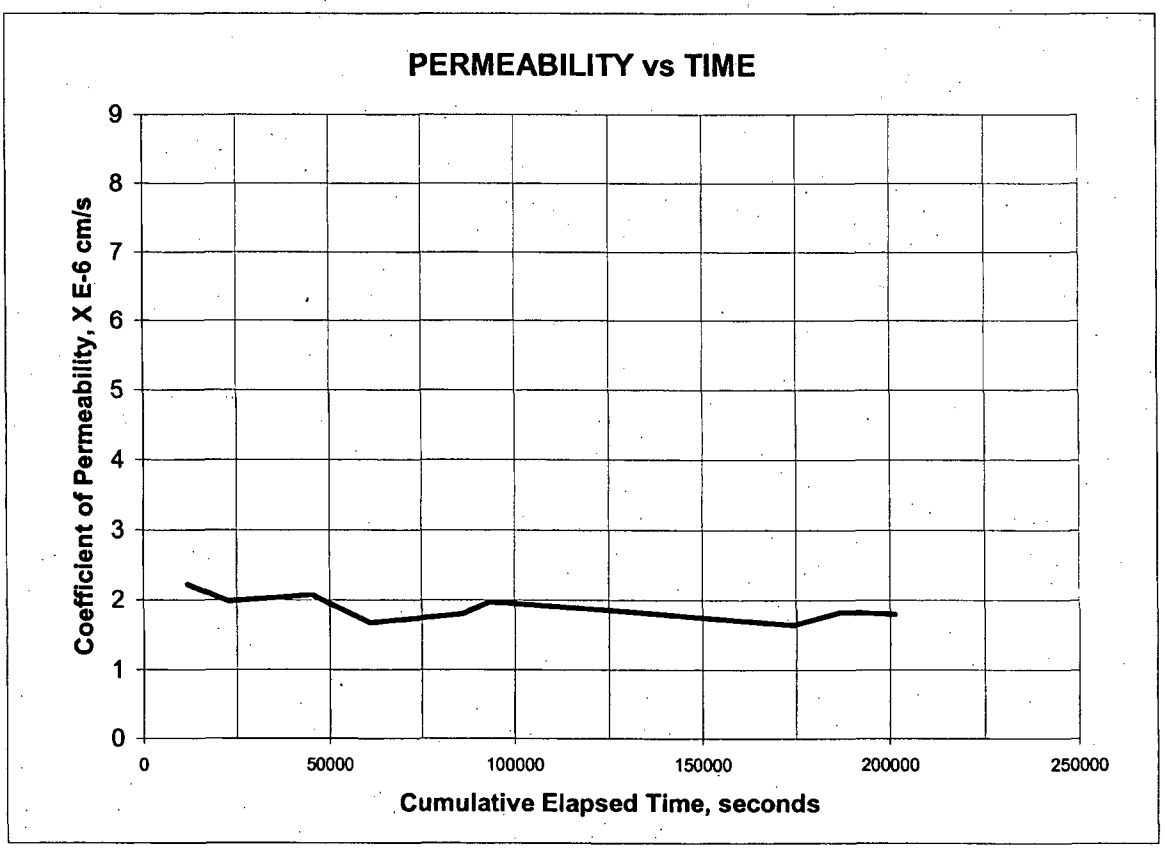
HYDRAULIC CONDUCTIVITY / PERMEABILITY
ASTM D 5084

PROJECT NAME:	GEL Moab	CLIENT SAMPLE NO.	GATB-14
PROJECT NO.	109855.0141000	LAB SAMPLE NO.	BC0924

	INITIAL			
Specimen diameter, cm	4.96		Cell confining pressure, psi	60
Specimen length, cm	10.12		Hydraulic gradient	13.9
Wet weight of specimen, g.	312.37		Min. consolidation stress, psi	2.0
Specimen cross-sect. area, cm^2	19.34		Max. consolidation stress, psi	4.0
Water content, %	22.8		Total backpressure, psi	56.0
Wet unit weight, pcf	99.7			
Dry unit weight, pcf	81.2		Permeant Fluid	Deaired DI Water
Degree of saturation, %	58.18	estimated		
Specific gravity of solids	2.65	assumed		

Coefficient of Permeability, cm/s 1.8E-06



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Shaw Project No. 109855.01410000

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CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME
GEL Moab

LAB SAMPLE NUMBER
BC0914

PROJECT NUMBER
109855.01410000

CLIENT SAMPLE NUMBER
GABT-04

TEST NUMBER	MOISTURE, % ASTM D 2216	MOISTURE , % SW846	SOLIDS, % SW846	VAPOR TENSION, Mpa
1	3.1	3.0	97.0	-4.1
2	3.8	3.7	96.3	-3.3
3	4.8	4.6	95.4	-1.4
4	5.5	5.2	94.8	-1.4
5	6.6	6.2	93.8	-1.0
6	7.2	6.7	93.3	-0.6
7	8.7	8.0	92.0	-0.4
8	11.4	10.2	89.8	-0.3
9	12.0	10.7	89.3	-0.3
10	13.8	12.2	87.8	-0.3
11	16.7	14.3	85.7	-0.2
12	17.3	14.8	85.2	-0.2
13	21.8	17.9	82.1	-0.1
14	27.8	21.8	78.2	-0.1
15	29.8	22.9	77.1	-0.1
16	32.1	24.3	75.7	0.0
17				
18				
19				
20				
21				
22				
23				
24				
25				

ASTM D 2216 results are based on dry sample weight.
SW846 results are based on wet sample weight.
Solids content is determined by subtracting the SW846 moisture (%) from 100.

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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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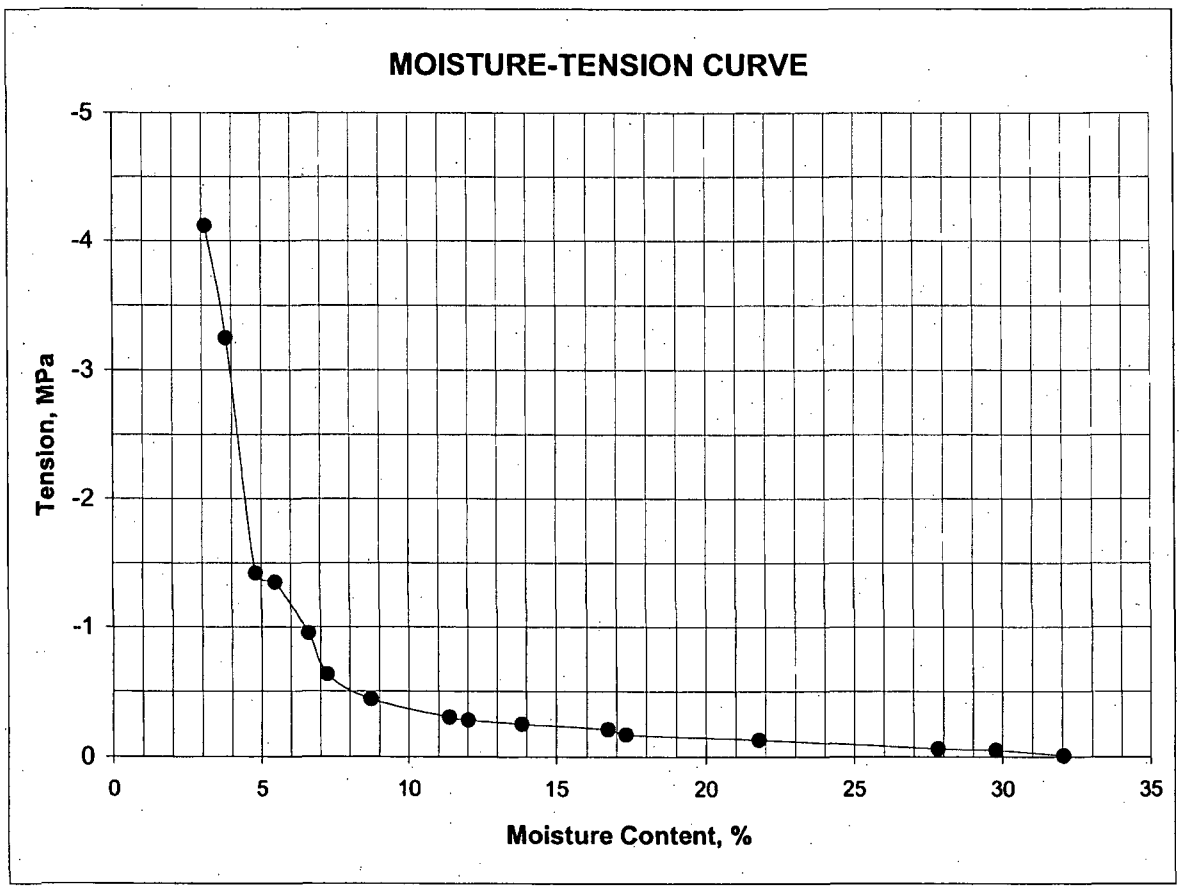
CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME:	**GEL Moab**	CLIENT SAMPLE NO.	**GABT-04**
PROJECT NO.:	**109855.01410000**	SHAW LAB SAMPLE	**BC0914**



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CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME
GEL Moab

LAB SAMPLE NUMBER
BC0916

PROJECT NUMBER
109855.01410000

CLIENT SAMPLE NUMBER
GABT-06

TEST NUMBER	MOISTURE, % ASTM D 2216	MOISTURE , % SW846	SOLIDS, % SW846	VAPOR TENSION, Mpa
1	2.9	2.9	97.1	-8.8
2	4.8	4.5	95.5	-6.4
3	4.9	4.6	95.4	-5.9
4	8.1	7.5	92.5	-3.2
5	10.7	9.7	90.3	-2.2
6	13.2	11.6	88.4	-1.7
7	16.6	14.3	85.7	-1.3
8	19.7	16.5	83.5	-1.1
9	22.6	18.4	81.6	-0.8
10	25.4	20.3	79.7	-0.6
11	28.4	22.1	77.9	-0.6
12				
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15				
16				
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19				
20				
21				
22				
23				
24				
25				

ASTM D 2216 results are based on dry sample weight.
SW846 results are based on wet sample weight.
Solids content is determined by subtracting the SW846 moisture (%) from 100.

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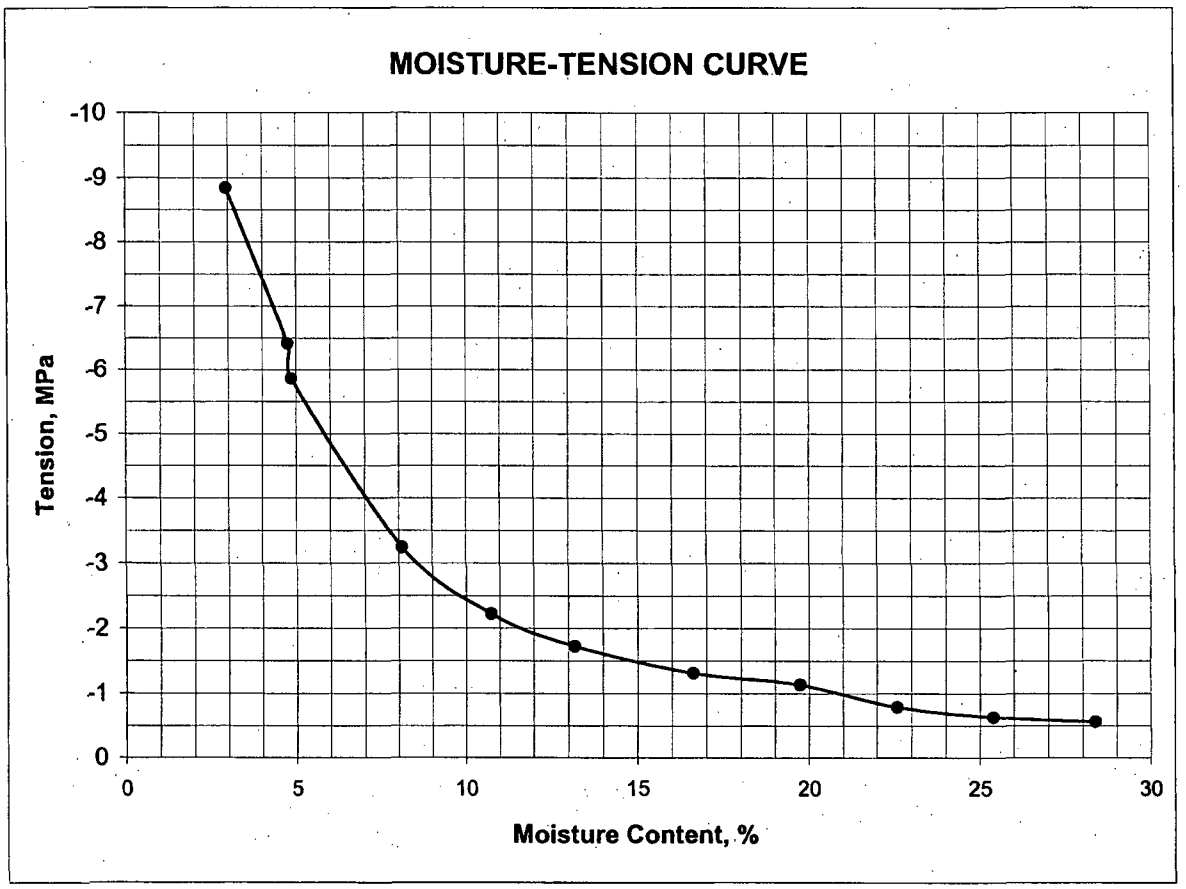
CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME:	**GEL Moab**	CLIENT SAMPLE NO.	**GABT-06**
PROJECT NO.:	**109855.01410000**	SHAW LAB SAMPLE	**BC0916**



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Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

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CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME
GEL Moab

LAB SAMPLE NUMBER
BC0919

PROJECT NUMBER
109855.01410000

CLIENT SAMPLE NUMBER
GABT-09

TEST NUMBER	MOISTURE, % ASTM D 2216	MOISTURE , % SW846	SOLIDS, % SW846	VAPOR TENSION, Mpa
1	4.3	4.1	95.9	-12.1
2	6.7	6.3	93.7	-6.4
3	8.5	7.8	92.2	-4.1
4	11.0	9.9	90.1	-3.1
5	12.5	11.1	88.9	-2.3
6	14.6	12.7	87.3	-1.7
7	18.5	15.6	84.4	-1.4
8	22.4	18.3	81.7	-1.3
9	26.9	21.2	78.8	-1.2
10	29.7	22.9	77.1	-0.9
11	31.6	24.0	76.0	-0.8
12	34.7	25.8	74.2	-0.7
13	37.6	27.3	72.7	-0.7
14	38.1	27.6	72.4	-0.7
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

ASTM D 2216 results are based on dry sample weight.
SW846 results are based on wet sample weight.
Solids content is determined by subtracting the SW846 moisture (%) from 100.

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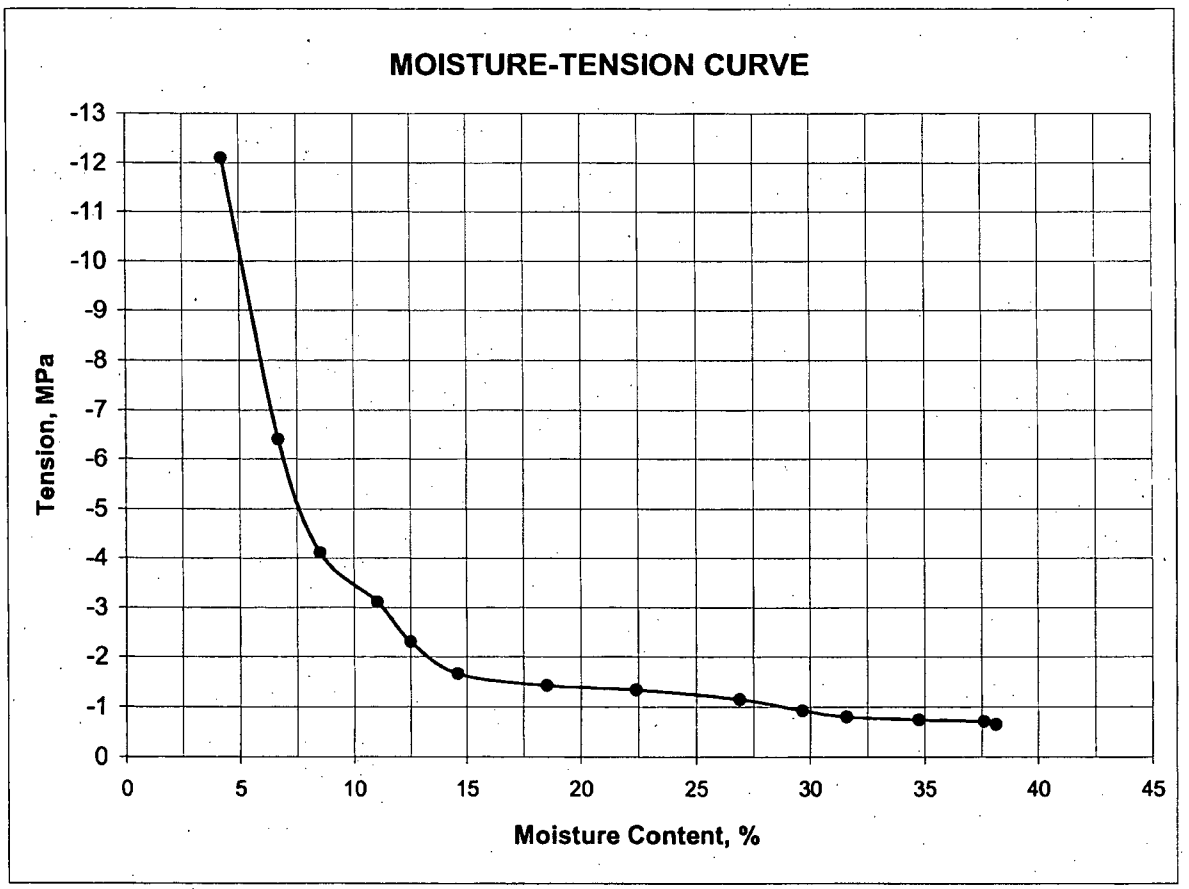
CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME:	**GEL Moab**	CLIENT SAMPLE NO.	**GABT-09**
PROJECT NO.:	**109855.01410000**	SHAW LAB SAMPLE	**BC0919**



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CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME
GEL Moab

LAB SAMPLE NUMBER
BC0920

PROJECT NUMBER
109855.01410000

CLIENT SAMPLE NUMBER
GABT-10

TEST NUMBER	MOISTURE, % ASTM D 2216	MOISTURE , % SW846	SOLIDS, % SW846	VAPOR TENSION, Mpa
1	5.8	5.4	94.6	-25.6
2	7.9	7.3	92.7	-24.6
3	10.3	9.3	90.7	-18.3
4	12.4	11.0	89.0	-16.0
5	13.8	12.2	87.8	-13.6
6	16.3	14.0	86.0	-12.0
7	20.7	17.1	82.9	-9.4
8	22.4	18.3	81.7	-8.1
9	23.7	19.2	80.8	-7.5
10	25.4	20.2	79.8	-6.7
11	28.5	22.2	77.8	-5.8
12	30.8	23.6	76.4	-5.5
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

ASTM D 2216 results are based on dry sample weight.
SW846 results are based on wet sample weight.
Solids content is determined by subtracting the SW846 moisture (%) from 100.

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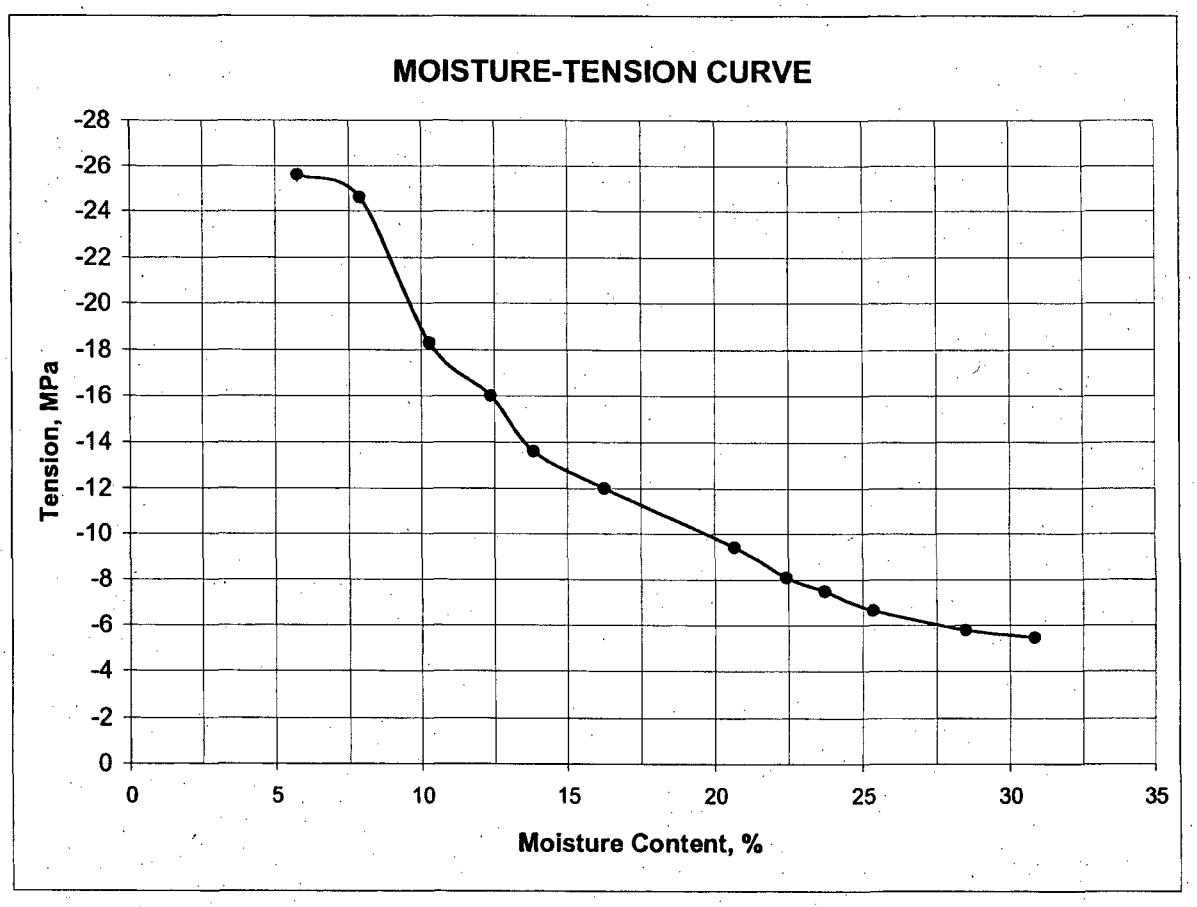
CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME:	**GEL Moab**	CLIENT SAMPLE NO.	**GABT-10**
PROJECT NO.:	**109855.01410000**	SHAW LAB SAMPLE	**BC0920**



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Shaw Project No. 109855.01410000

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CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME
GEL Moab

LAB SAMPLE NUMBER
BC0921

PROJECT NUMBER
109855.01410000

CLIENT SAMPLE NUMBER
GABT-11

TEST NUMBER	MOISTURE, % ASTM D 2216	MOISTURE , % SW846	SOLIDS, % SW846	VAPOR TENSION, Mpa
1	10.9	9.9	90.1	-10.9
2	13.1	11.6	88.4	-5.5
3	17.5	14.9	85.1	-2.7
4	21.1	17.4	82.6	-1.8
5	22.4	18.3	81.7	-1.5
6	26.4	20.9	79.1	-1.1
7	33.6	25.2	74.8	-0.9
8	37.5	27.3	72.7	-0.7
9	40.1	28.6	71.4	-0.6
10	45.2	31.1	68.9	-0.5
11	56.9	36.3	63.7	-0.5
12	60.4	37.6	62.4	-0.4
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

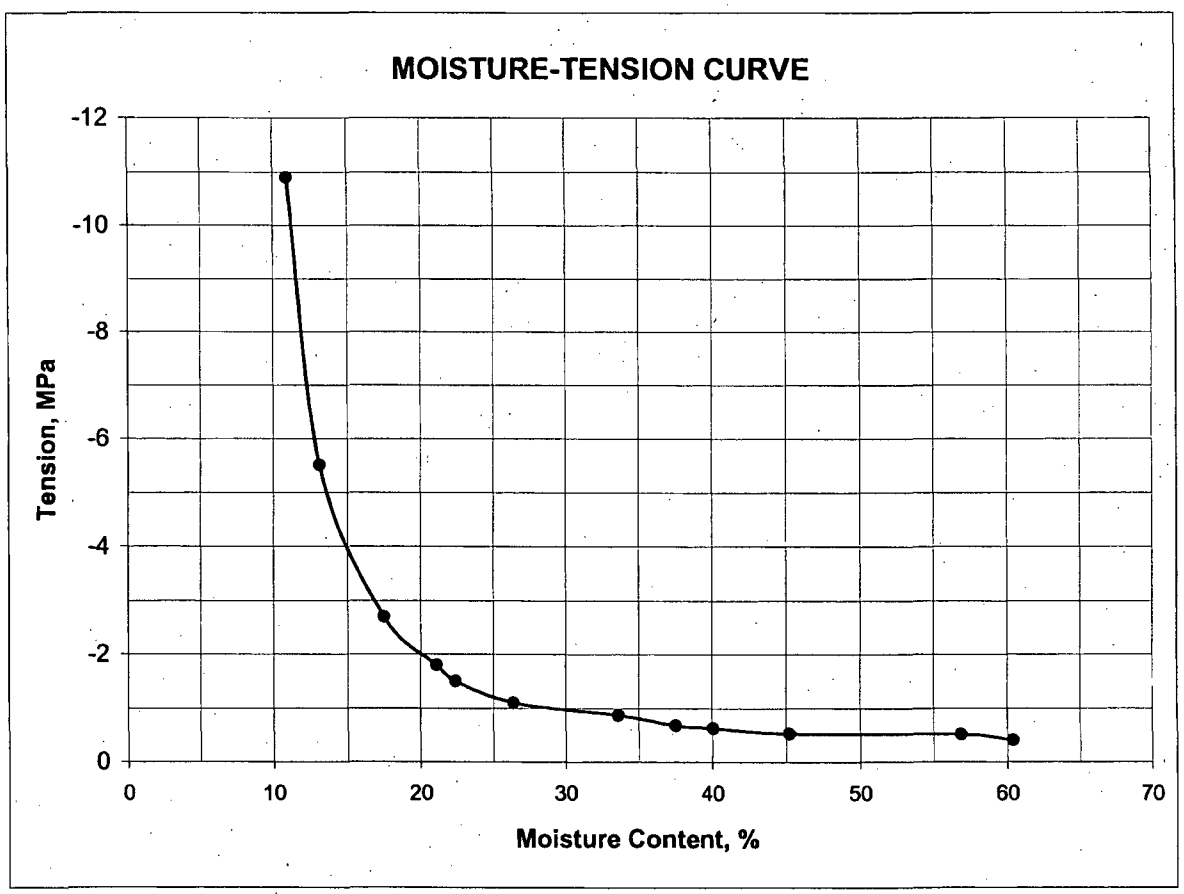
ASTM D 2216 results are based on dry sample weight.
SW846 results are based on wet sample weight.
Solids content is determined by subtracting the SW846 moisture (%) from 100.

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME:	**GEL Moab**	CLIENT SAMPLE NO.	**GABT-11**
PROJECT NO.:	**109855.01410000**	SHAW LAB SAMPLE	**BC0921**



November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME
GEL Moab

LAB SAMPLE NUMBER
BC0923

PROJECT NUMBER
109855.01410000

CLIENT SAMPLE NUMBER
GABT-13

TEST NUMBER	MOISTURE, % ASTM D 2216	MOISTURE , % SW846	SOLIDS, % SW846	VAPOR TENSION, Mpa
1	11.7	10.4	89.6	-6.0
2	15.4	13.4	86.6	-2.8
3	16.1	13.8	86.2	-2.5
4	16.8	14.4	85.6	-2.1
5	17.9	15.2	84.8	-1.9
6	20.8	17.2	82.8	-1.3
7	23.1	18.8	81.2	-1.0
8	28.1	21.9	78.1	-0.7
9	33.2	24.9	75.1	-0.5
10	39.4	28.3	71.7	-0.5
11	43.9	30.5	69.5	-0.4
12	51.2	33.9	66.1	-0.4
13	56.1	35.9	64.1	-0.3
14	60.5	37.7	62.3	-0.3
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

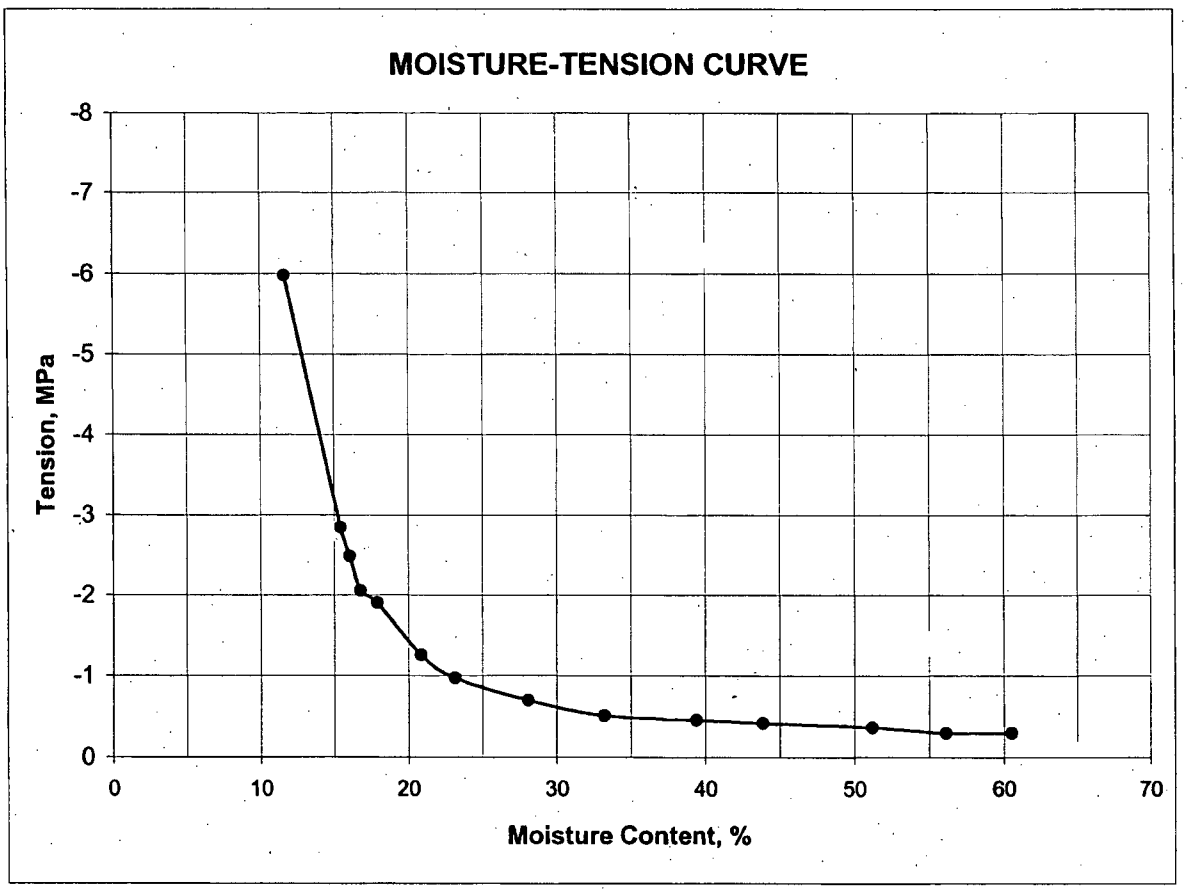
ASTM D 2216 results are based on dry sample weight.
SW846 results are based on wet sample weight.
Solids content is determined by subtracting the SW846 moisture (%) from 100.

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

CAPILLARY-MOISTURE RELATIONS by POTENTIOMETER

PROJECT NAME:	**GEL Moab**	CLIENT SAMPLE NO.	**GABT-13**
PROJECT NO.:	**109855.01410000**	SHAW LAB SAMPLE	**BC0923**



November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

CONSOLIDATION TEST REPORT

Coefficients of Consolidation and Secondary Consolidation

No.	Load (tsf)	C_v (ft.2/day)	C_α	No.	Load (tsf)	C_v (ft.2/day)	C_α	No.	Load (tsf)	C_v (ft.2/day)	C_α
2	0.25	0.71									
3	0.50	0.17									
4	1.00	0.67									
5	2.00	0.32									
6	4.00	0.26									
7	8.00	0.18									
8	4.00	0.55									

Natural Saturation	Natural Moisture	Dry Dens. (pcf)	LL	PI	Sp. Gr.	P_c (tsf)	C_c	Initial Void Ratio
53.1 %	17.6 %	88.4	NP	NP	2.65	4.26	0.15	0.880

MATERIAL DESCRIPTION	USCS	AASHTO
Silty SAND	SM	

Project: GEL Moab

ETDC Project No.: 109855
ETDC Sample No.: BC0914
Client Sample No.: GABT-04

Remarks:

CONSOLIDATION TEST REPORT

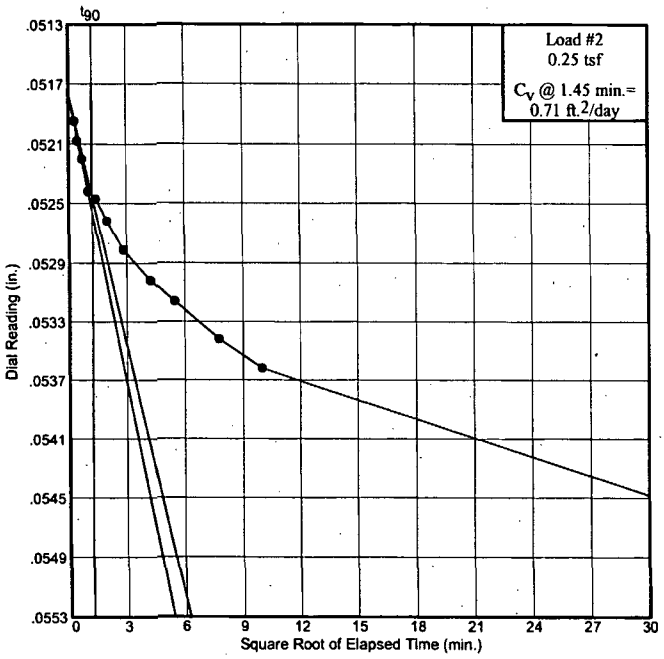
Shaw E&I

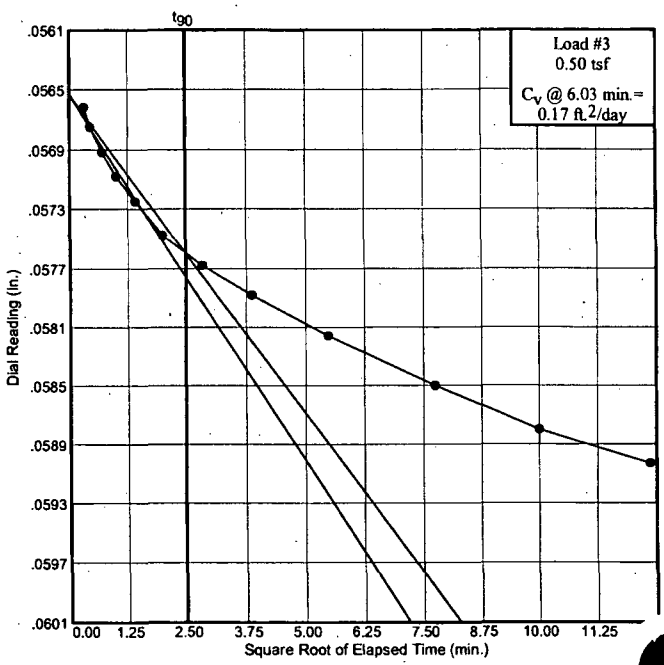
Figure BC0914

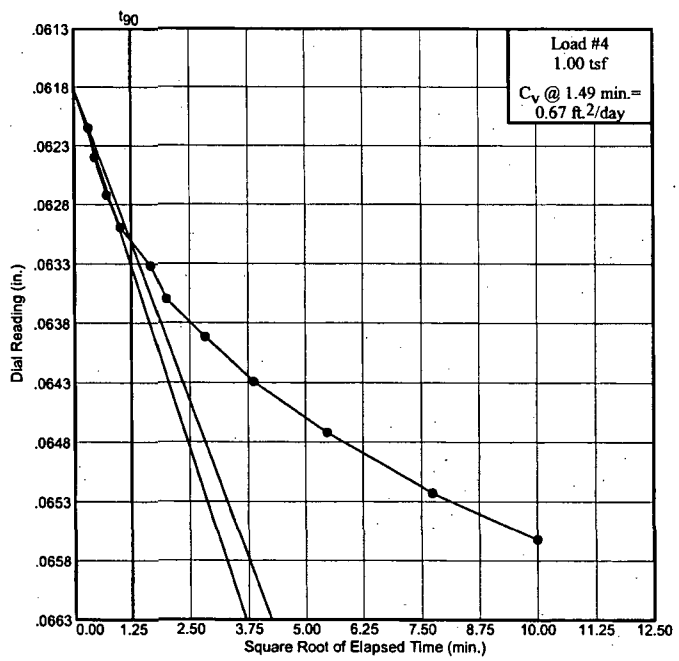
Dial Reading vs. Time

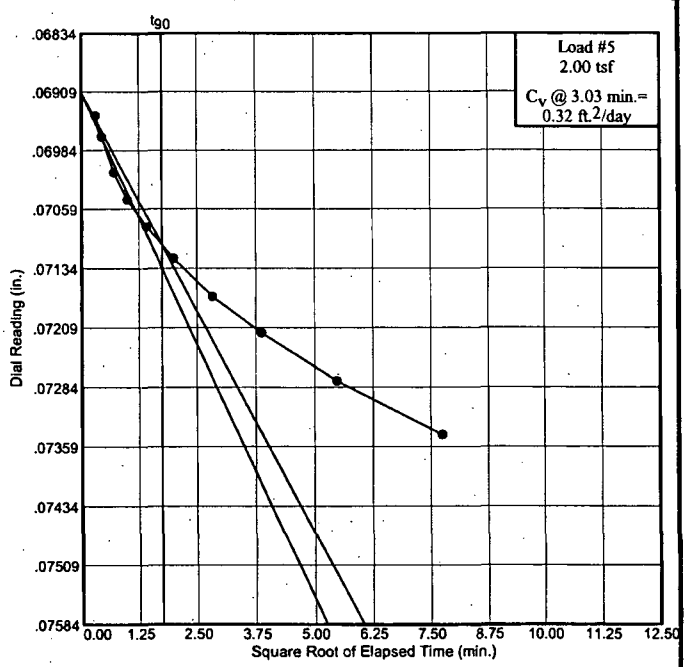
Project No.: 109855
Project: GEL Moab

Location: GEL Moab









Dial Reading vs. Time

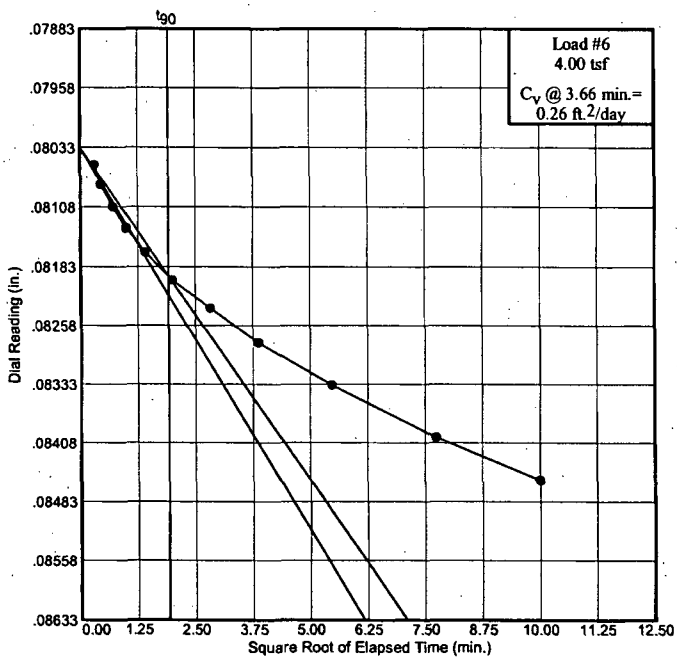
Shaw E&I

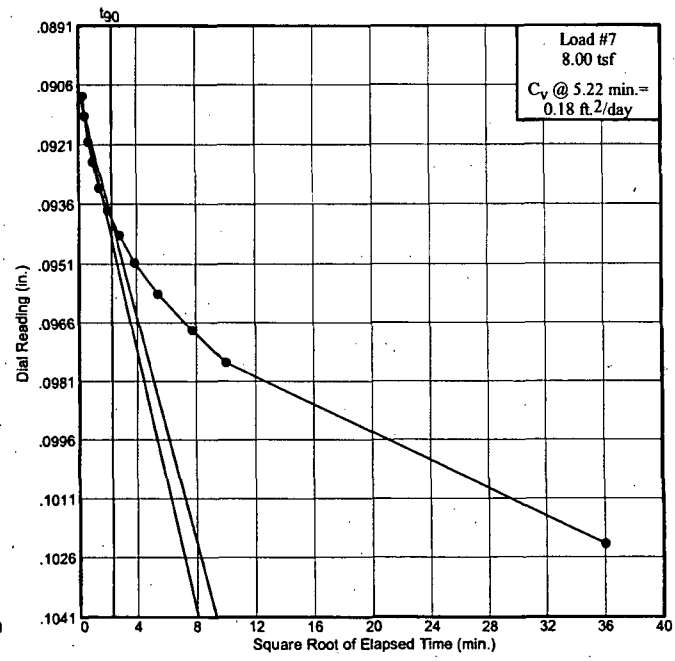
Figure B91

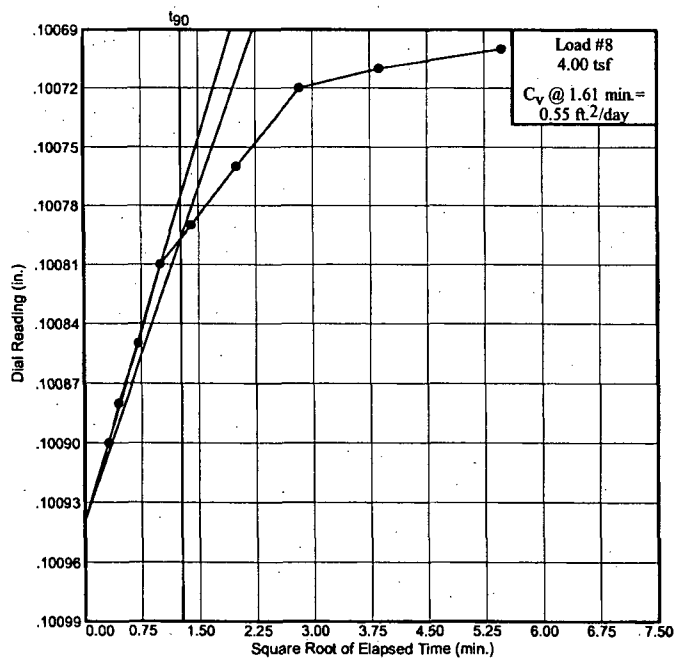
Dial Reading vs. Time

Project No.: 109855
Project: GEL Moab

Location: GEL Moab







Dial Reading vs. Time

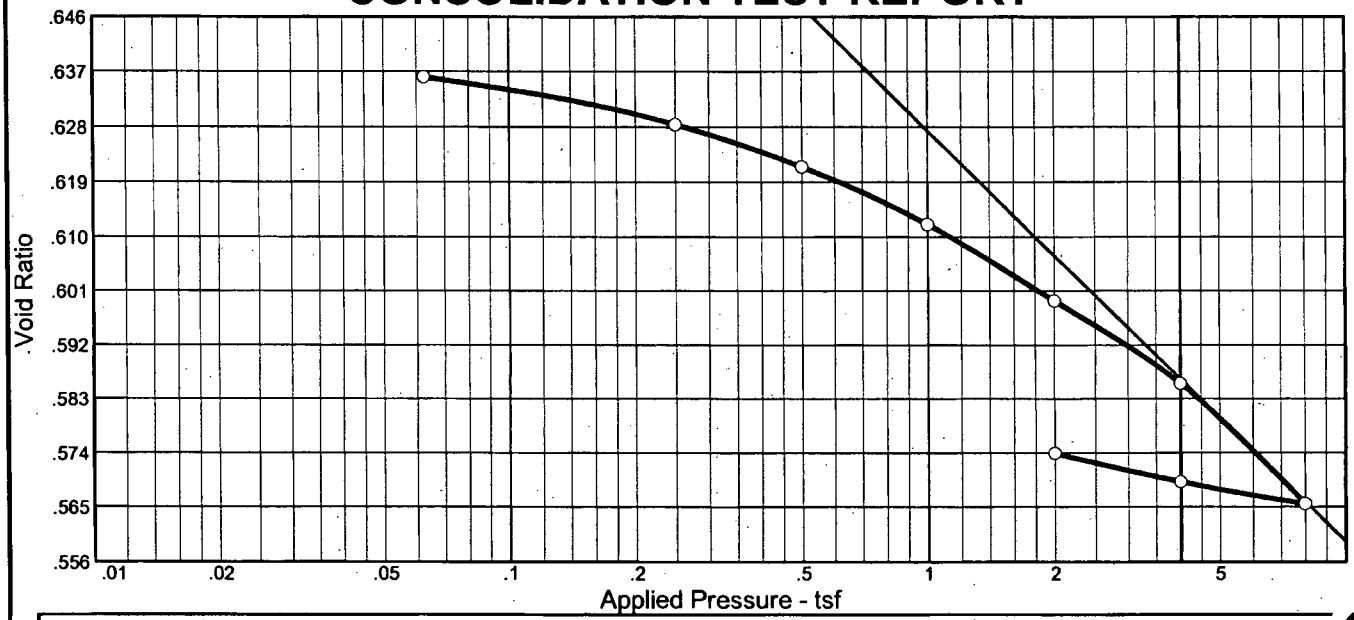
Shaw E&I

Figure 916

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

CONSOLIDATION TEST REPORT



Coefficients of Consolidation and Secondary Consolidation

No.	Load (tsf)	C_v (ft.2/day)	C_α	No.	Load (tsf)	C_v (ft.2/day)	C_α	No.	Load (tsf)	C_v (ft.2/day)	C_α
2	0.25	0.22									
3	0.50	0.68									
4	1.00	0.39									
5	2.00	0.21									
6	4.00	0.34									
7	8.00	0.21									
8	4.00	0.20									

Natural		Dry Dens. (pcf)	LL	PI	Sp. Gr.	P_c (tsf)	C_c	Initial Void Ratio
Saturation	Moisture							
68.5 %	16.5 %	102.3	NP	NP	2.65	4.19	0.07	0.638

MATERIAL DESCRIPTION	USCS	AASHTO
Silty SAND	SM	

Project: GEL Moab

ETDC Project No.: 109855
ETDC Sample No.: BC0916
Client Sample No.: GABT-06

Remarks:

CONSOLIDATION TEST REPORT

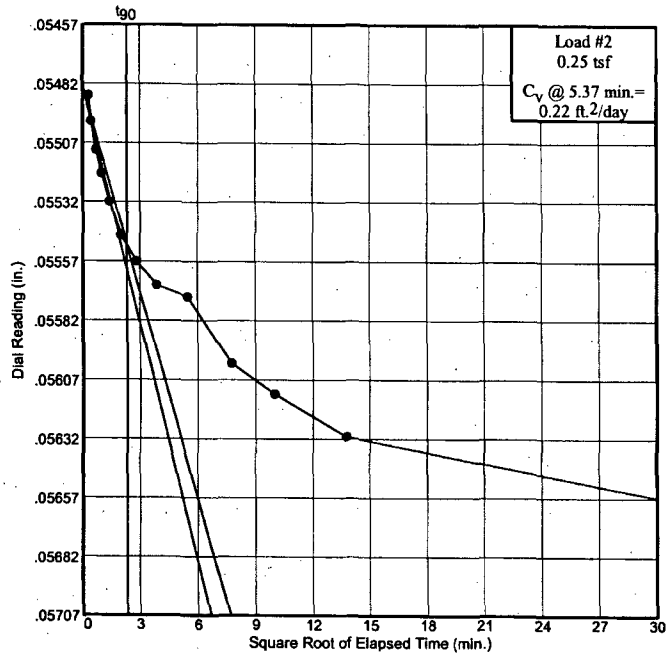
Shaw E&I

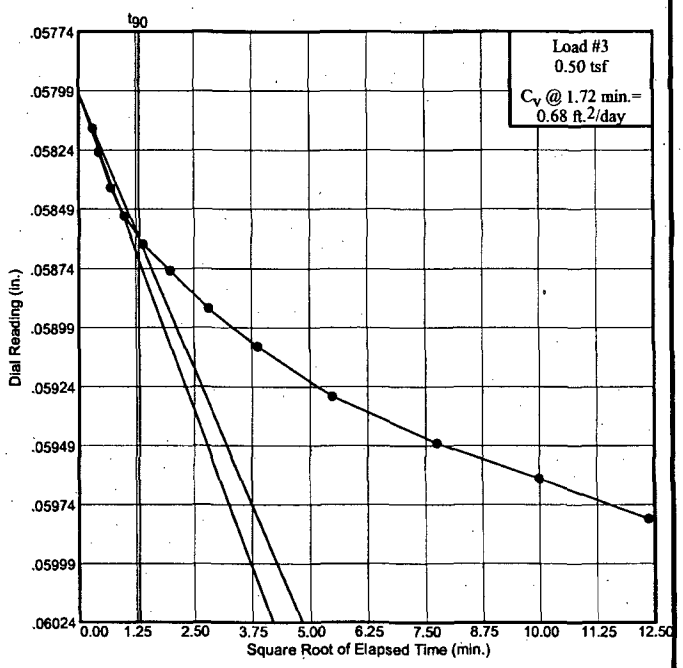
Figure BC091

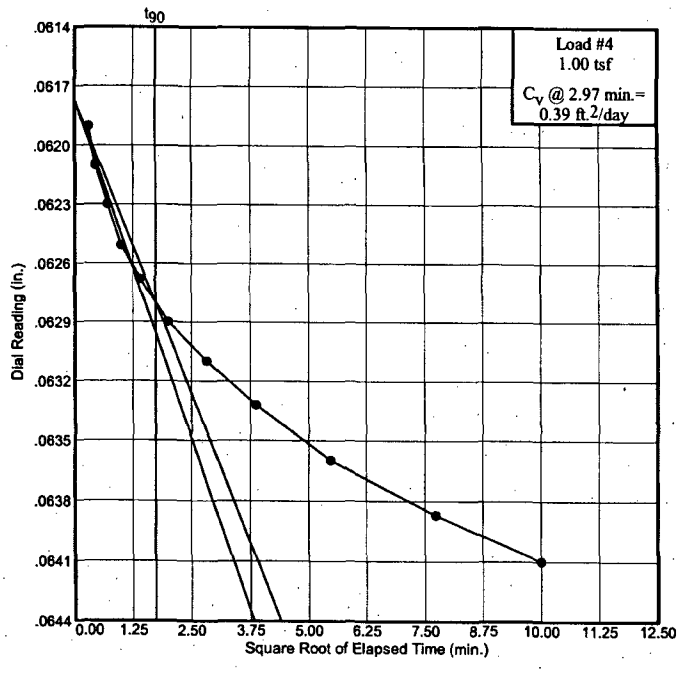
Dial Reading vs. Time

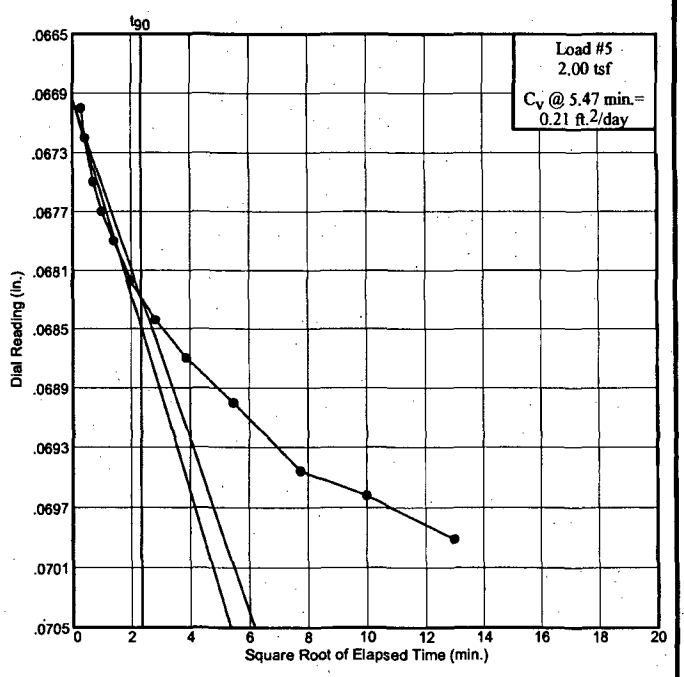
Project No.: 109855
Project: GEL Moab

Location: Moab









Dial Reading vs. Time

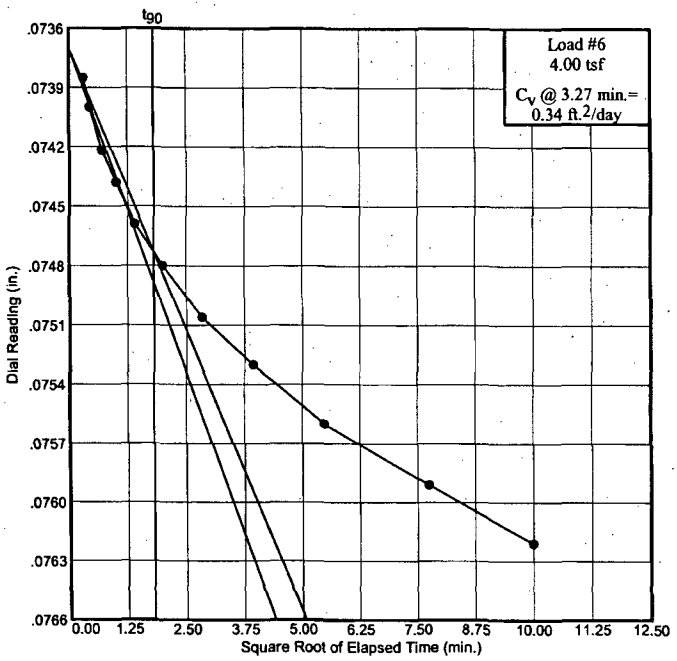
Shaw E&I

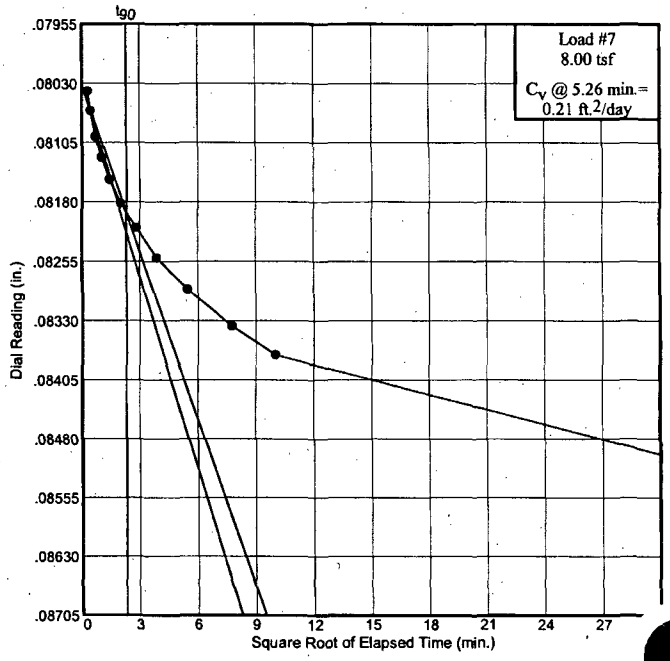
Figure B917

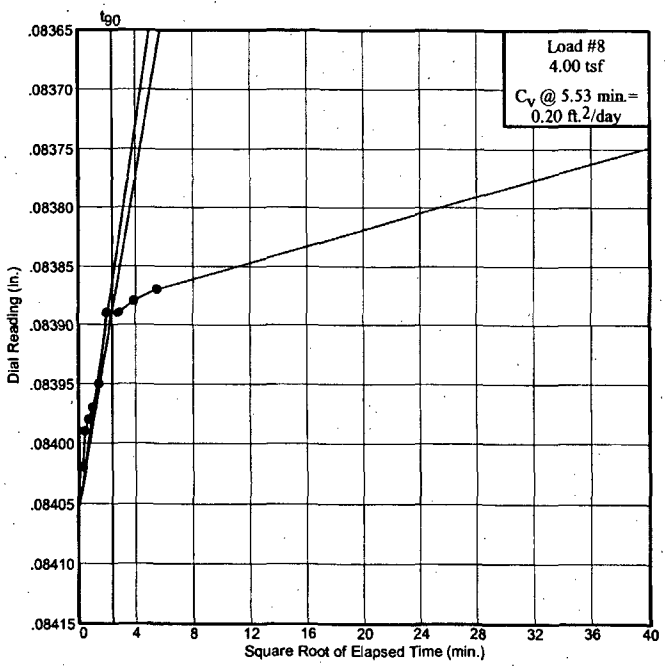
Dial Reading vs. Time

Project No.: 109855
Project: GEL Moab

Location: Moab







Dial Reading vs. Time

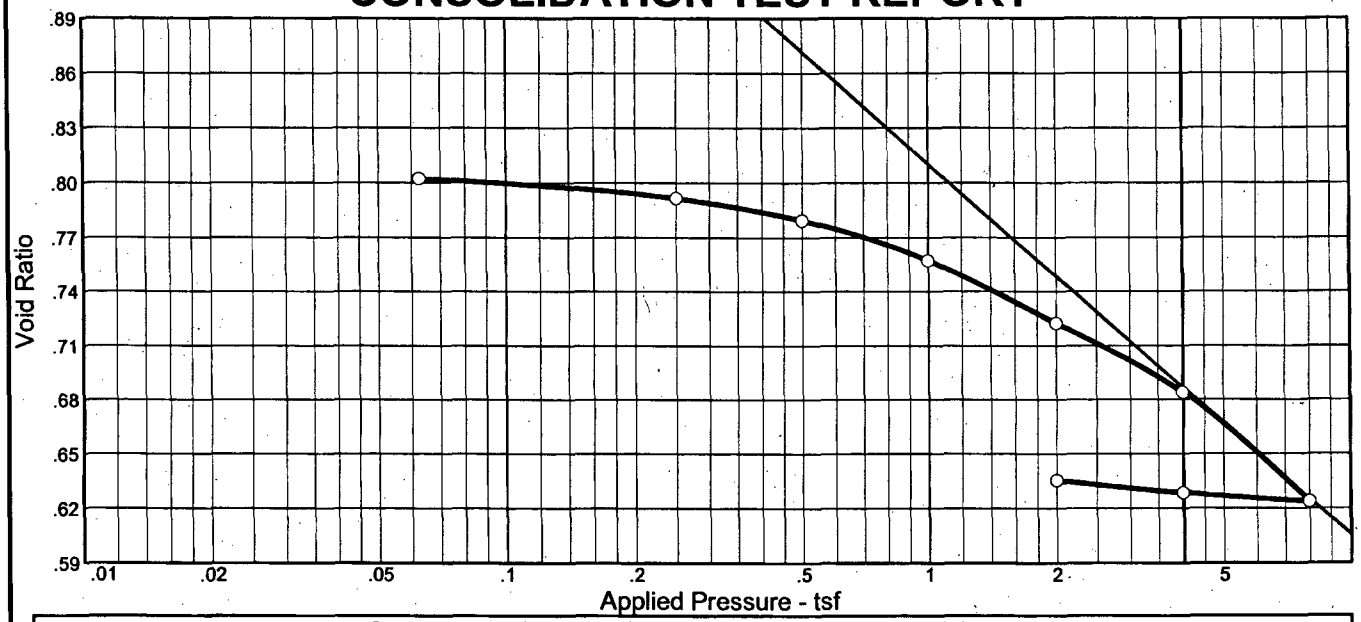
Shaw E&I

Figure 918

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

CONSOLIDATION TEST REPORT



Coefficients of Consolidation and Secondary Consolidation

No.	Load (tsf)	C_v (ft.^{2}/day)	C_α	No.	Load (tsf)	C_v (ft.^{2}/day)	C_α	No.	Load (tsf)	C_v (ft.^{2}/day)	C_α
2	0.25	0.86									
3	0.50	0.69									
4	1.00	0.36									
5	2.00	0.35									
6	4.00	0.65									
7	8.00	0.20									
8	4.00	0.63									

Natural Saturation	Natural Moisture	Dry Dens. (pcf)	LL	PI	Sp. Gr.	P_c (tsf)	C_c	Initial Void Ratio
75.7 %	23.1 %	92.3	23	3	2.65	4.22	0.20	0.808

MATERIAL DESCRIPTION	USCS	AASHTO
Sandy SILT	SM	

Project: GEL Moab

ETDC Project No.: 109855
ETDC Sample No.: BC0919
Client Sample No.: GABT-09

Remarks:

CONSOLIDATION TEST REPORT

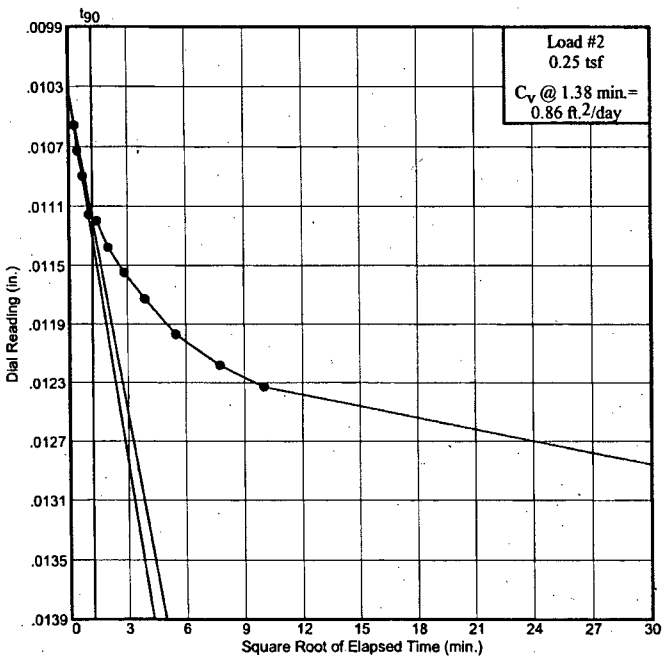
Shaw E&I

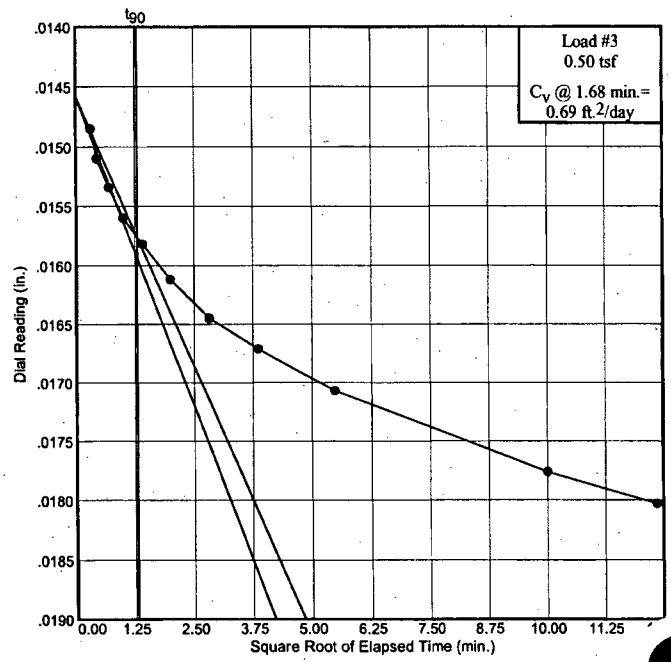
Figure BC0919

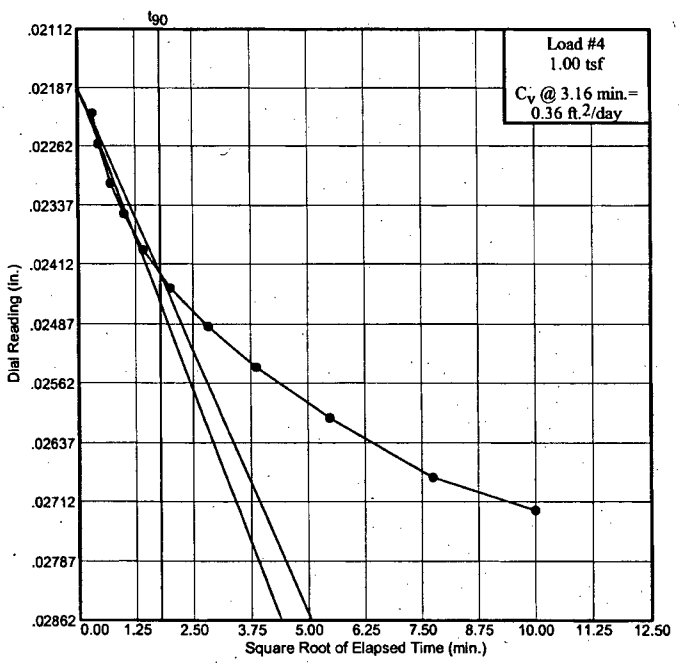
Dial Reading vs. Time

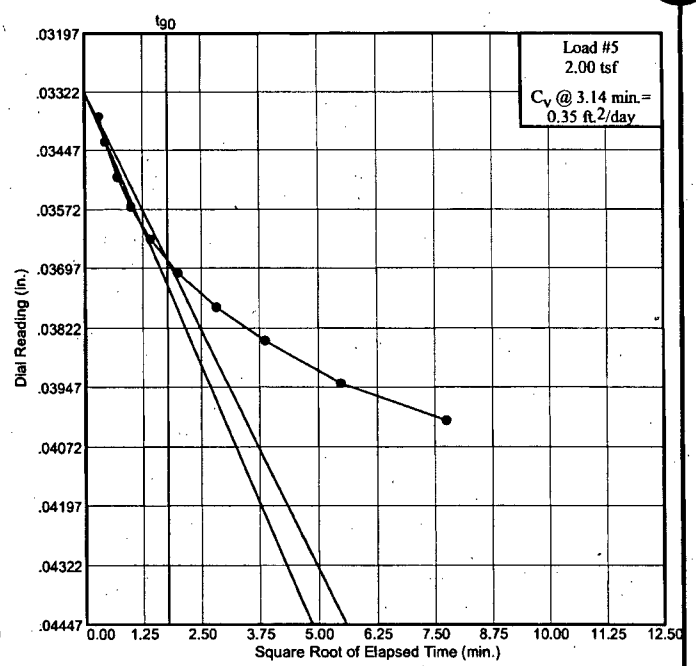
Project No.: 109855
Project: GEL Moab

Location: Moab









Dial Reading vs. Time

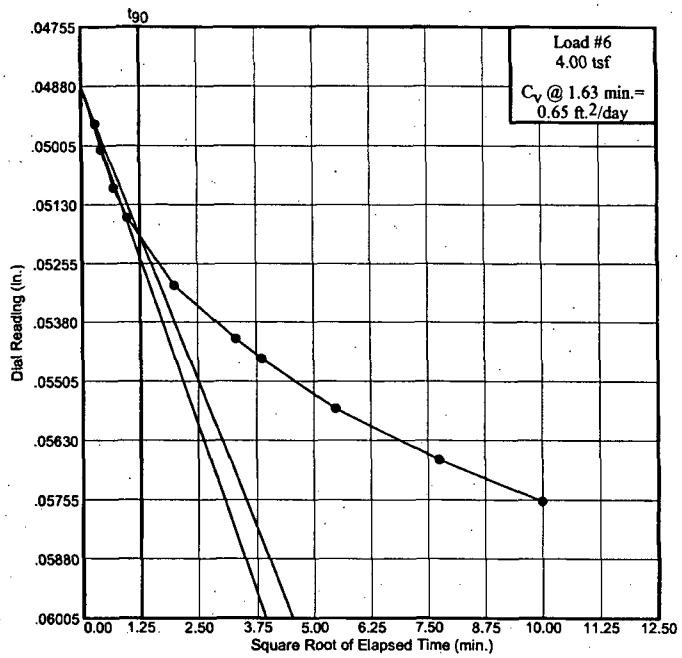
Shaw E&I

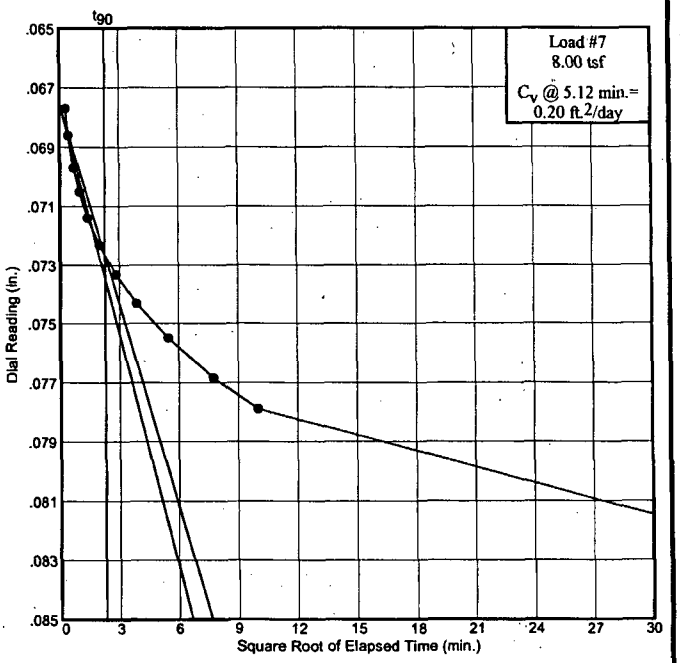
Figure B92

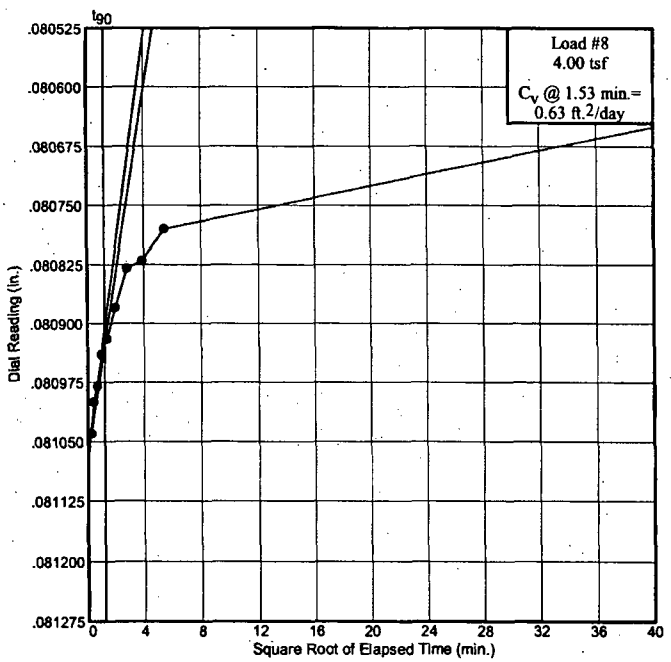
Dial Reading vs. Time

Project No.: 109855
Project: GEL Moab

Location: Moab







Dial Reading vs. Time

Shaw E&I

Figure 921

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

CONSOLIDATION TEST REPORT

Coefficients of Consolidation and Secondary Consolidation

No.	Load (tsf)	C_v (ft.^{2}/day)	C_α	No.	Load (tsf)	C_v (ft.^{2}/day)	C_α	No.	Load (tsf)	C_v (ft.^{2}/day)	C_α
2	0.25	0.11									
3	0.50	0.19									
4	1.00	0.35									
5	2.00	0.36									
6	4.00	0.29									
7	8.00	0.18									
8	4.00	0.53									

Natural Saturation	Natural Moisture	Dry Dens. (pcf)	LL	PI	Sp. Gr.	P_c (tsf)	C_c	Initial Void Ratio
78.2 %	20.7 %	102.1	19	2	2.65	4.24	0.17	0.703

MATERIAL DESCRIPTION	USCS	AASHTO
Silty SAND	ML	

Project: GEL Moab

ETDC Project No.: 109855
ETDC Sample No.: BC0920
Client Sample No.: GABT-10

Remarks:

CONSOLIDATION TEST REPORT

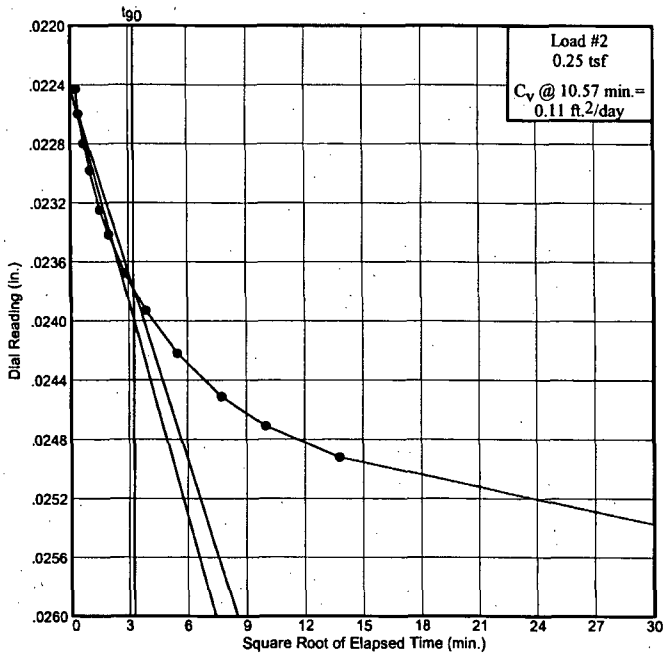
Shaw E&I

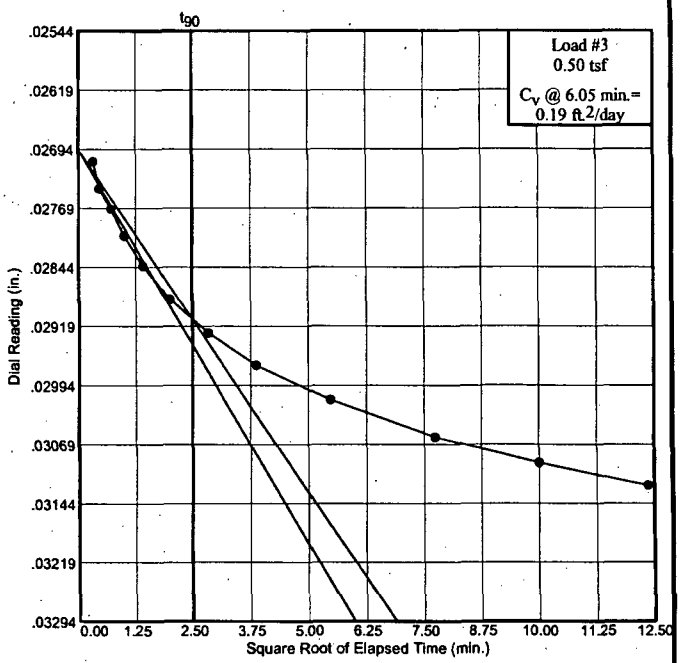
Figure BC0920

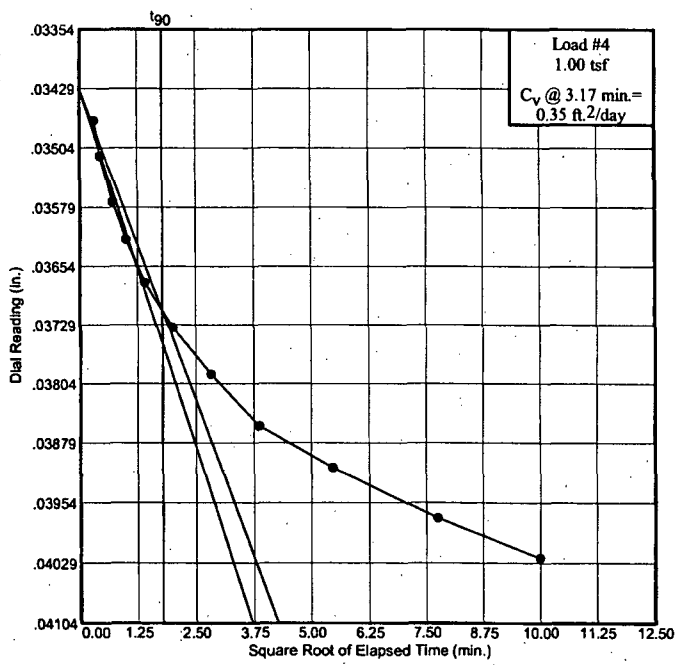
Dial Reading vs. Time

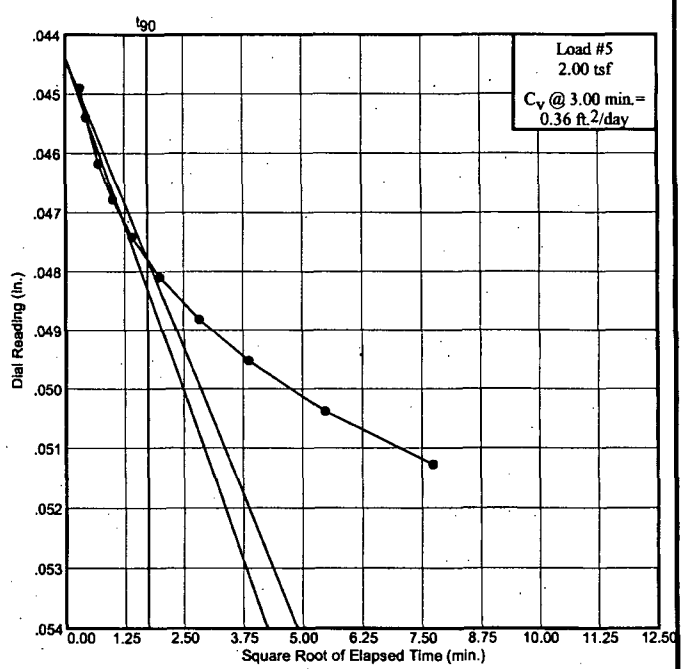
Project No.: 109855
Project: GEL Moab

Location: Moab









Dial Reading vs. Time

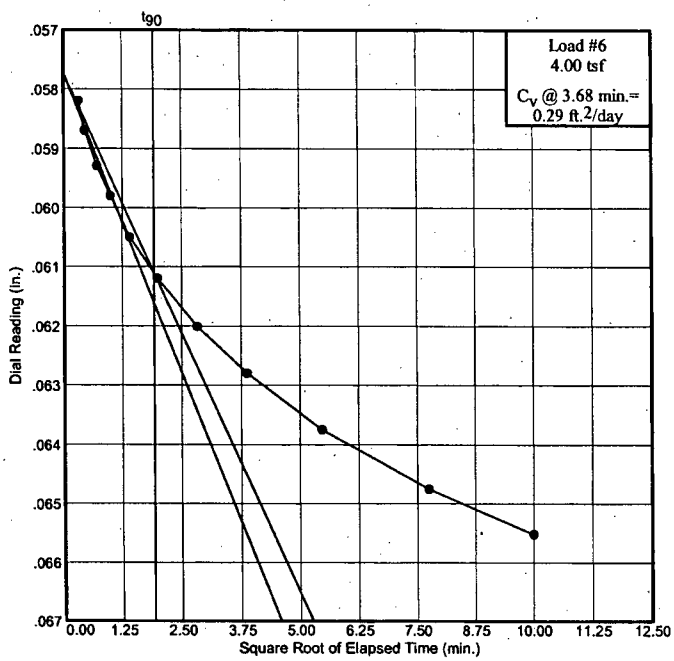
Shaw E&I

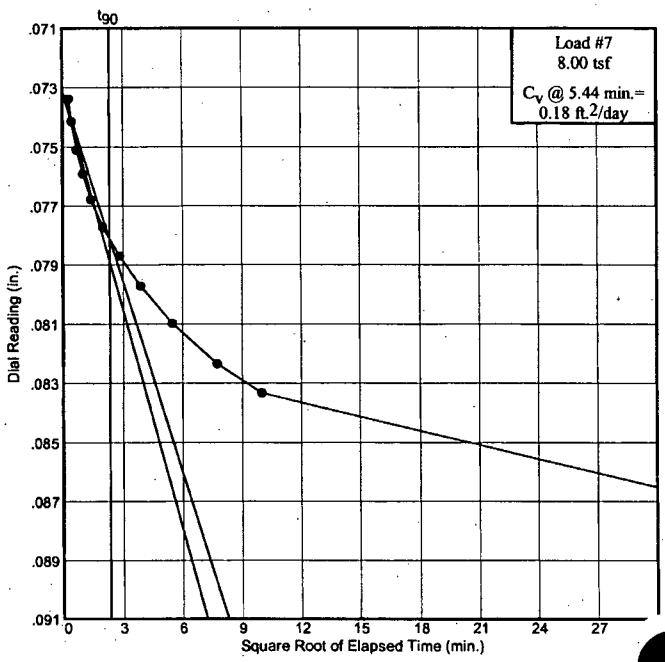
Figure B921

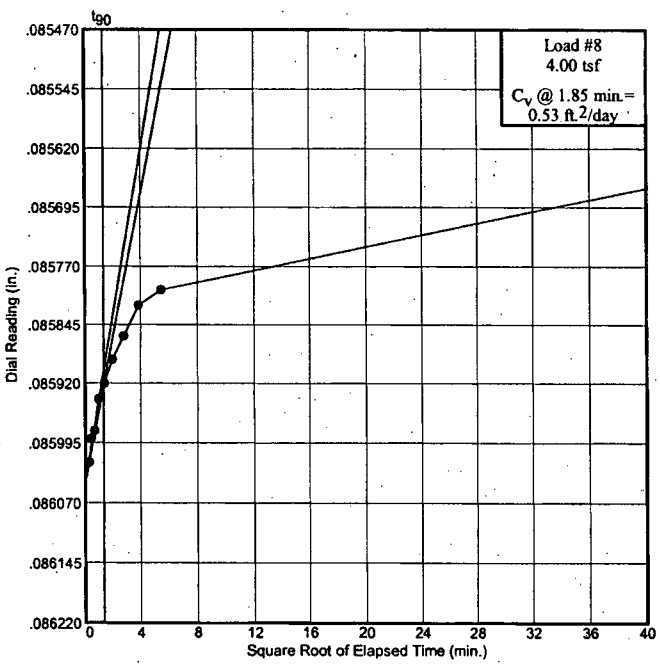
Dial Reading vs. Time

Project No.: 109855
Project: GEL Moab

Location: Moab







Dial Reading vs. Time

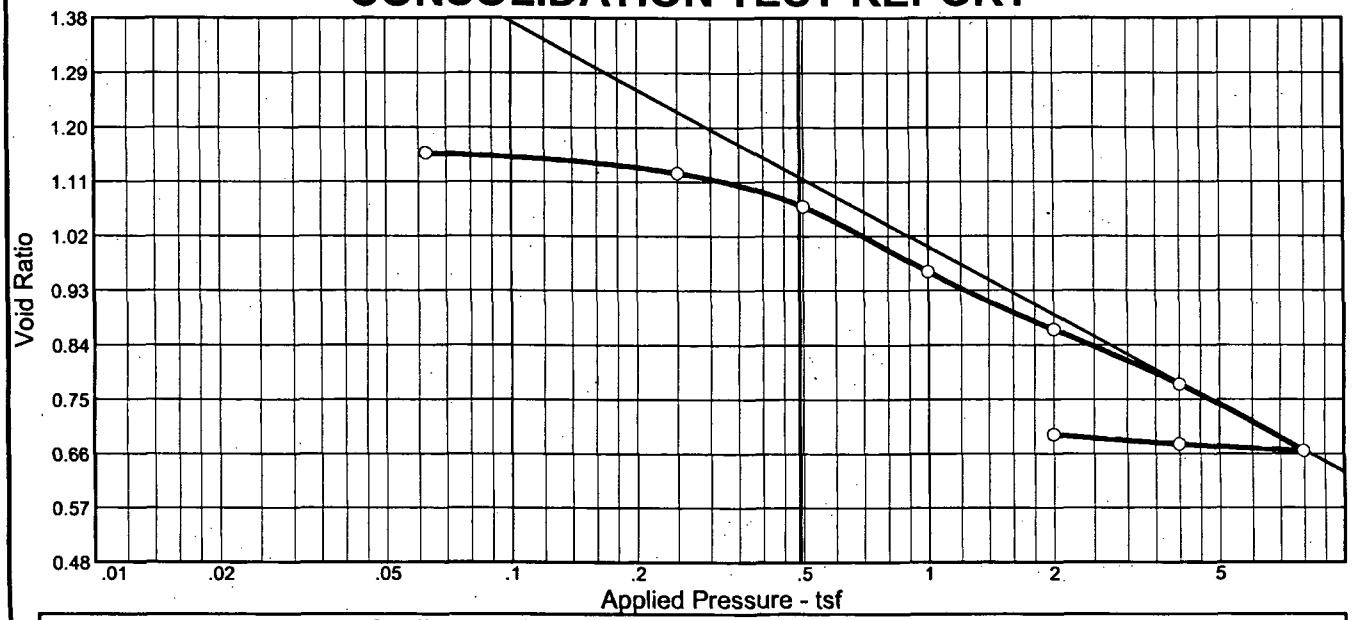
Shaw E&I

Figure 922

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

CONSOLIDATION TEST REPORT



Coefficients of Consolidation and Secondary Consolidation

No.	Load (tsf)	C_v (ft.2/day)	C_α	No.	Load (tsf)	C_v (ft.2/day)	C_α	No.	Load (tsf)	C_v (ft.2/day)	C_α
2	0.25	0.24									
3	0.50	0.40									
4	1.00	1.32									
5	2.00	0.14									
6	4.00	0.10									
7	8.00	0.07									
8	4.00	0.23									

Natural Saturation	Natural Moisture	Dry Dens. (pcf)	LL	PI	Sp. Gr.	P_c (tsf)	C_c	Initial Void Ratio
68.5 %	29.9 %	75.3	56	29	2.65	0.78	0.37	1.157

MATERIAL DESCRIPTION	USCS	AASHTO
Fat CLAY with sand	CH	

Project: GEL Moab

ETDC Project No.: 109855
ETDC Sample No.: BC0921
Client Sample No.: GABT-11

Remarks:

CONSOLIDATION TEST REPORT

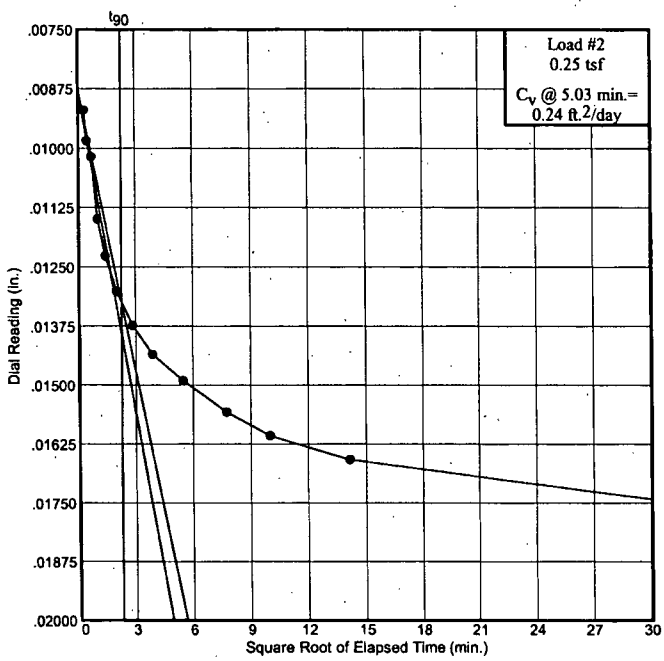
Shaw E&I

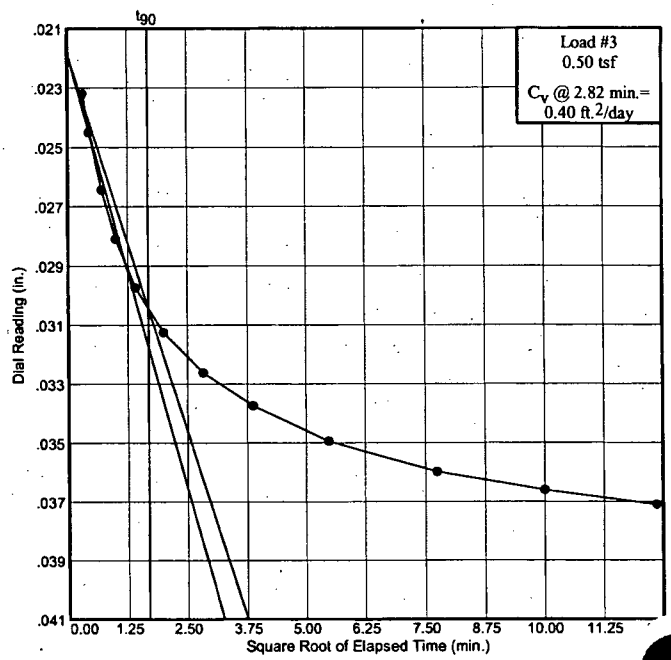
Figure BC0921

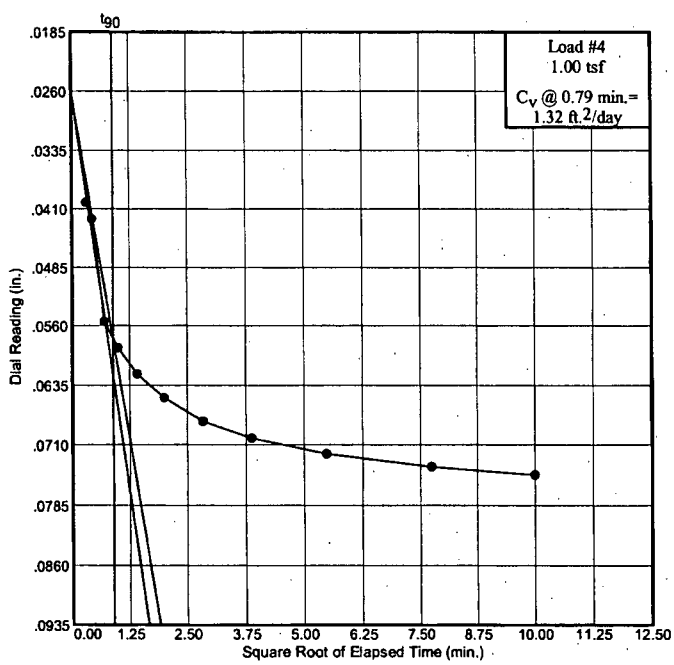
Dial Reading vs. Time

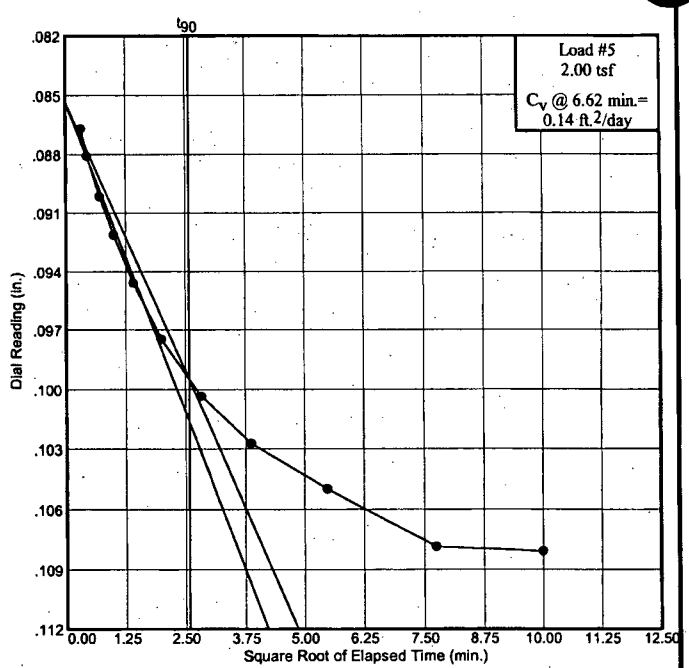
Project No.: 109855
Project: GEL Moab

Location: Moab









Dial Reading vs. Time

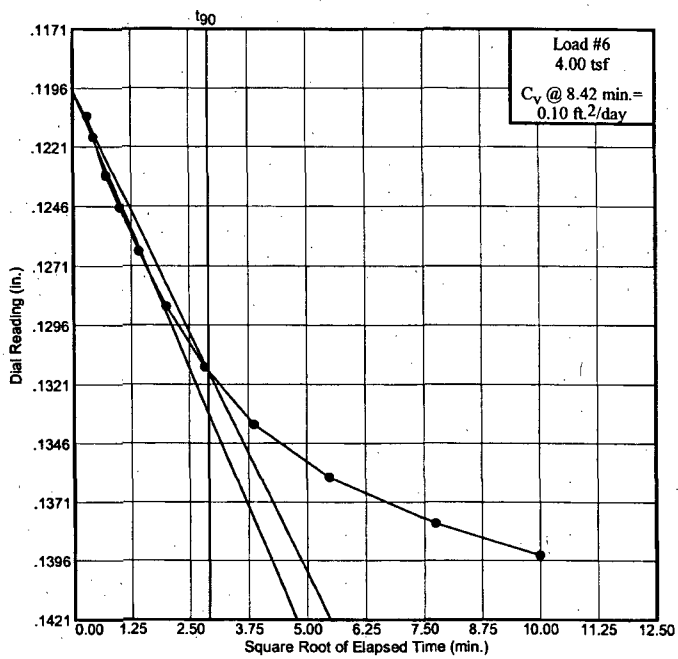
Shaw E&I

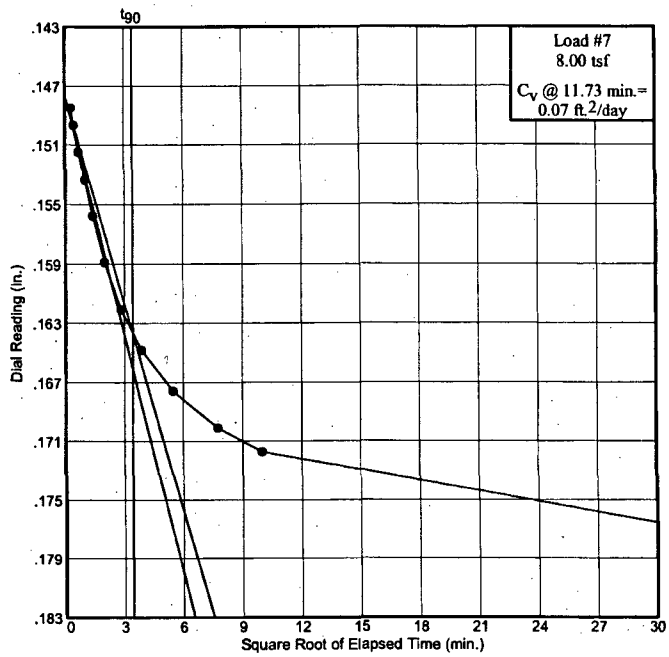
Figure B9

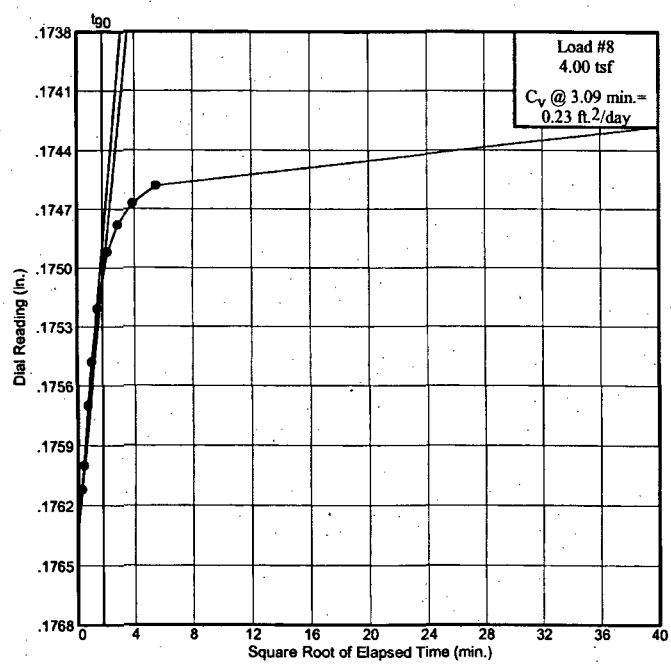
Dial Reading vs. Time

Project No.: 109855
Project: GEL Moab

Location: Moab







Dial Reading vs. Time

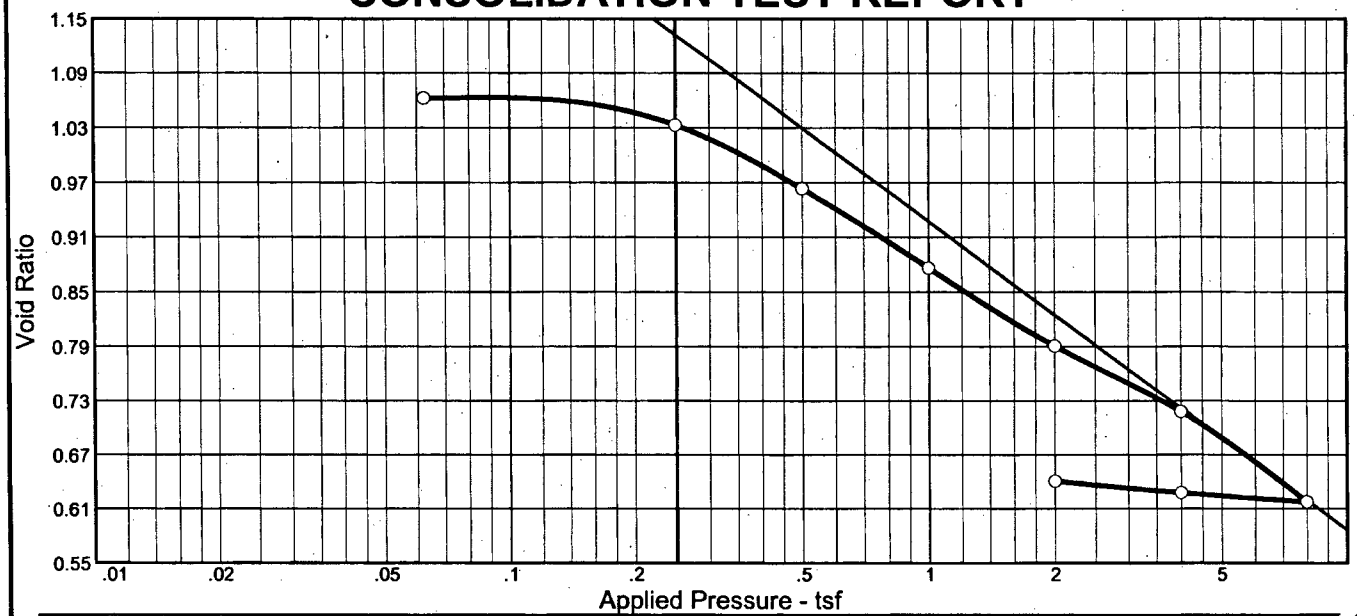
Shaw E&I

Figure 923

November 7, 2006
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

CONSOLIDATION TEST REPORT



Coefficients of Consolidation and Secondary Consolidation

No.	Load (tsf)	C_v (ft.^{2}/day)	C_α	No.	Load (tsf)	C_v (ft.^{2}/day)	C_α	No.	Load (tsf)	C_v (ft.^{2}/day)	C_α
2	0.25	0.23									
3	0.50	0.82									
4	1.00	0.40									
5	2.00	0.16									
6	4.00	0.17									
7	8.00	0.07									
8	4.00	0.25									

Natural Saturation	Natural Moisture	Dry Dens. (pcf)	LL	PI	Sp. Gr.	P_c (tsf)	C_c	Initial Void Ratio
77.8 %	30.9 %	80.7	49	38	2.65	0.61	0.34	1.052

MATERIAL DESCRIPTION	USCS	AASHTO
Lean CLAY	CL	

Project: GEL Moab

ETDC Project No.: 109855
ETDC Sample No.: BC0923
Client Sample No.: GABT-13

Remarks:

CONSOLIDATION TEST REPORT

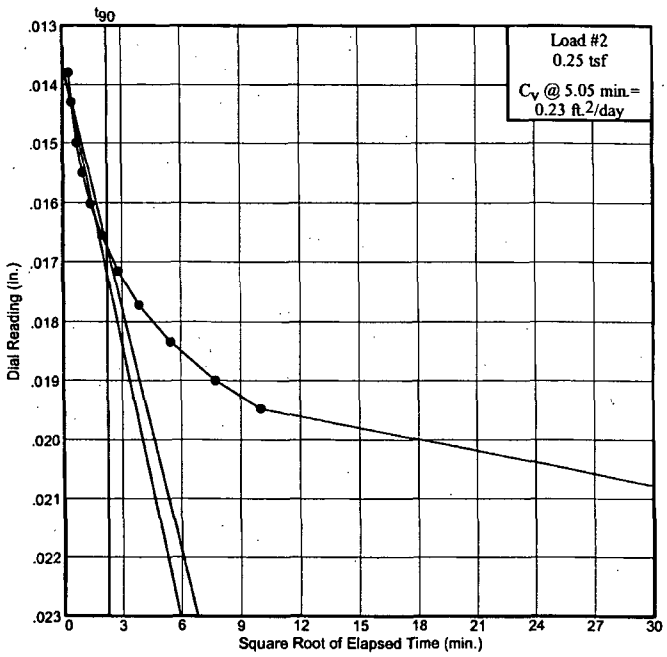
Shaw E&I

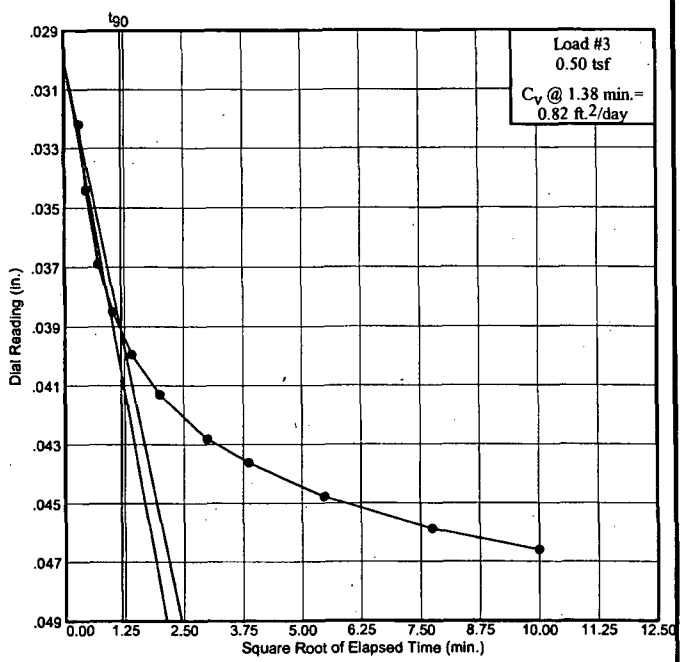
Figure BC092

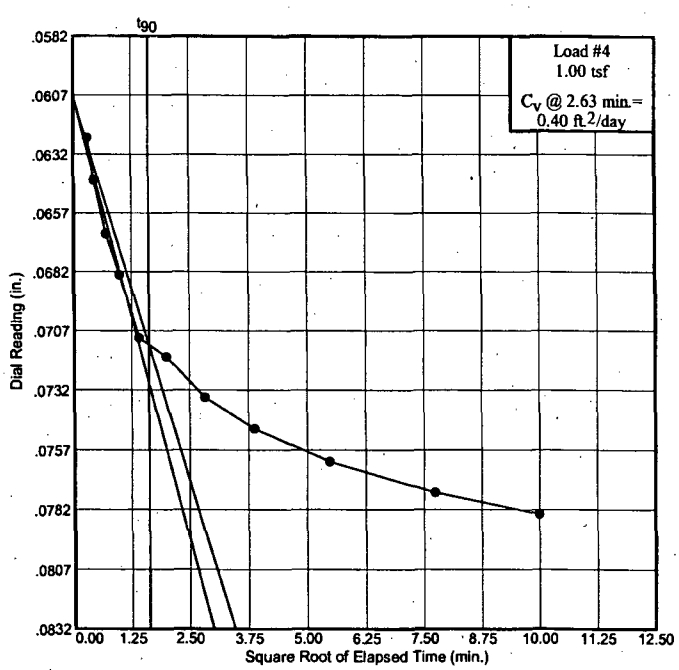
Dial Reading vs. Time

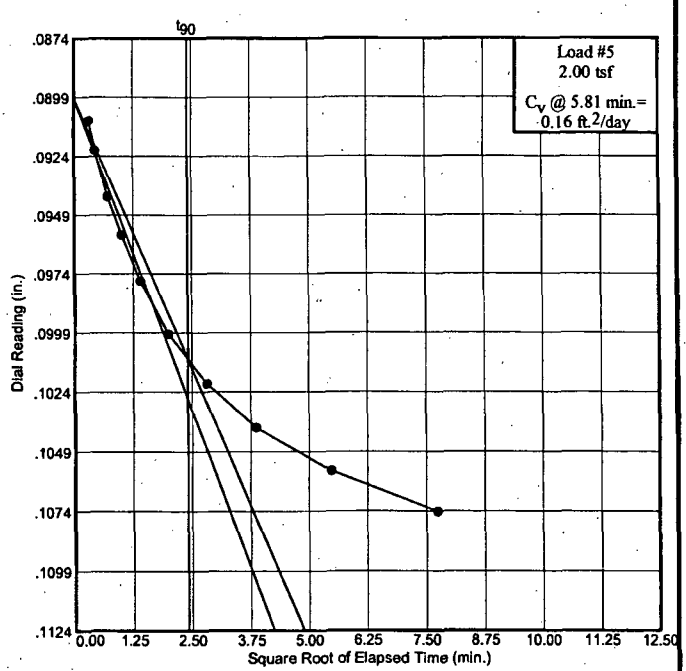
Project No.: 109855
Project: GEL Moab

Location: Moab









Dial Reading vs. Time

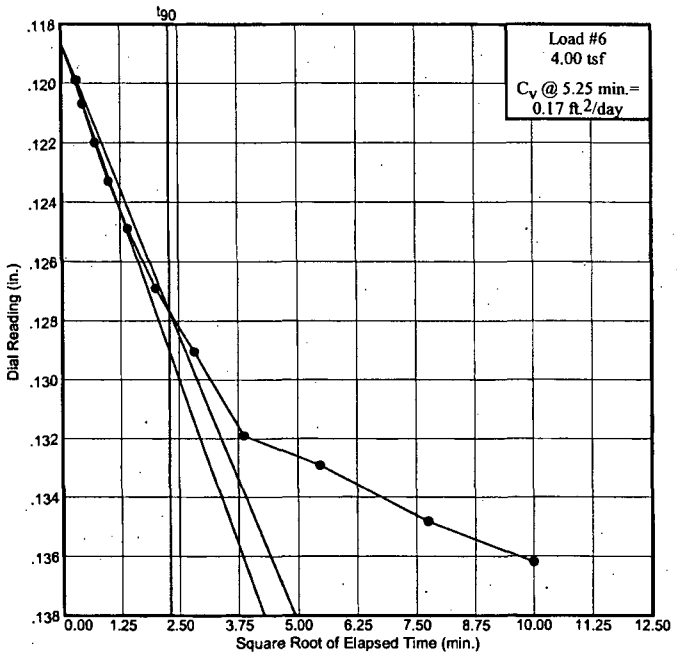
Shaw E&I

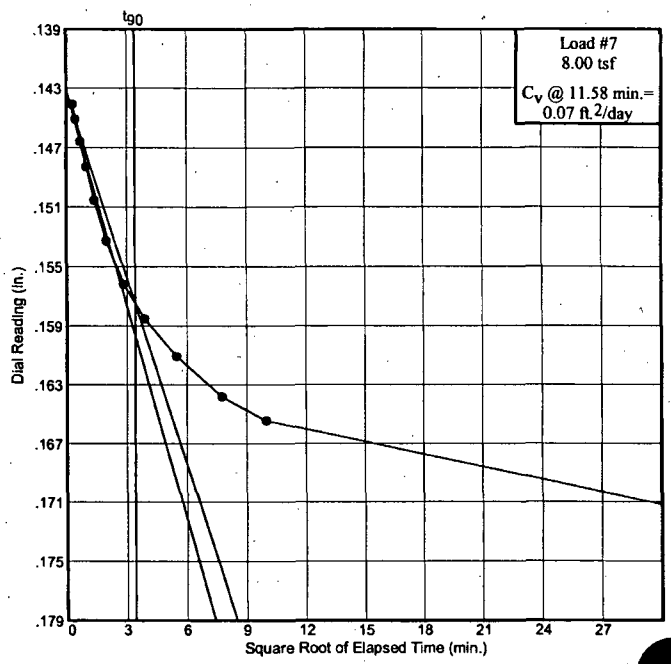
Figure B924

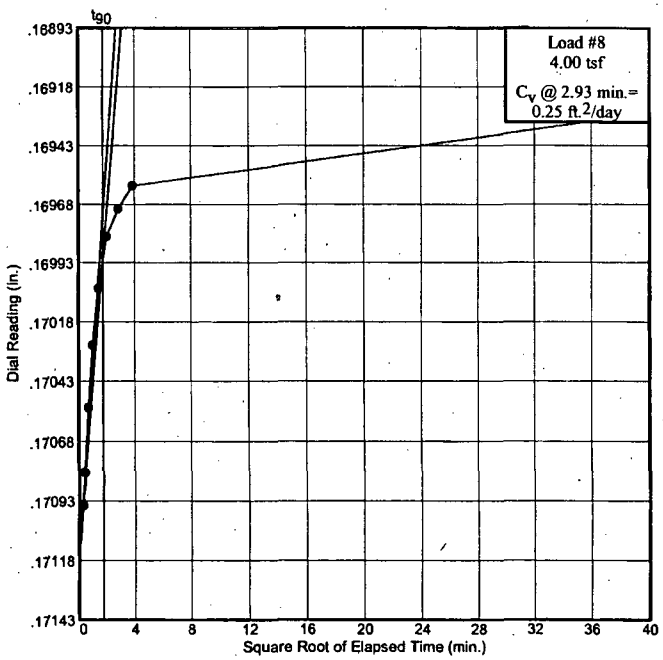
Dial Reading vs. Time

Project No.: 109855
Project: GEL Moab

Location: Moab



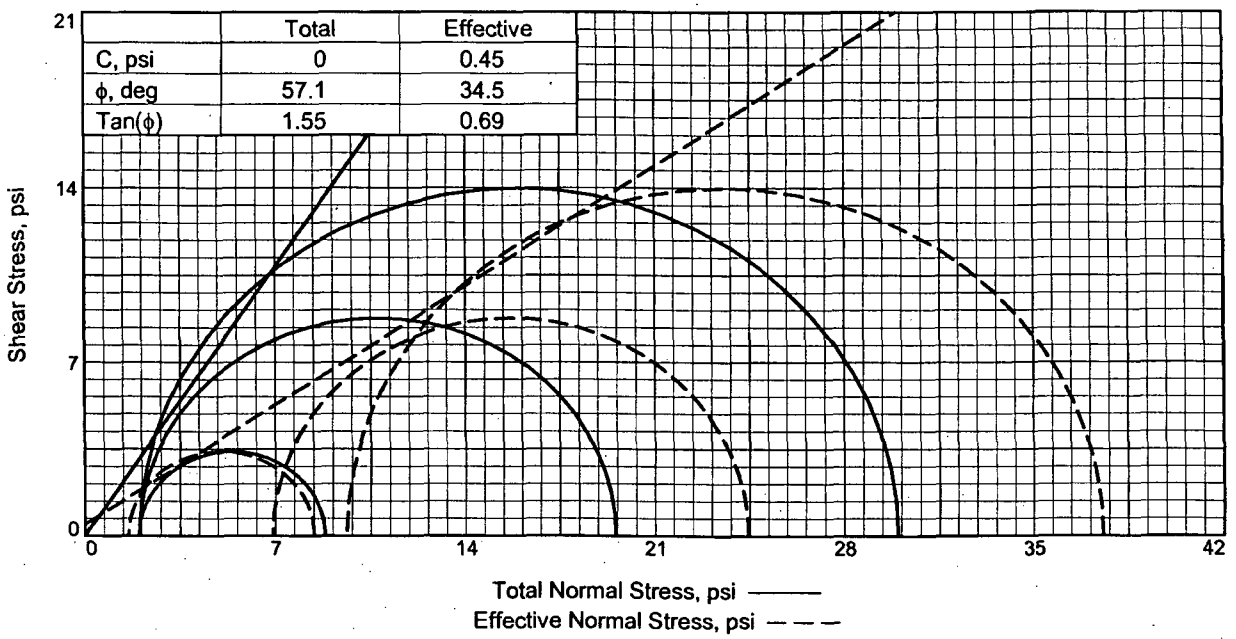




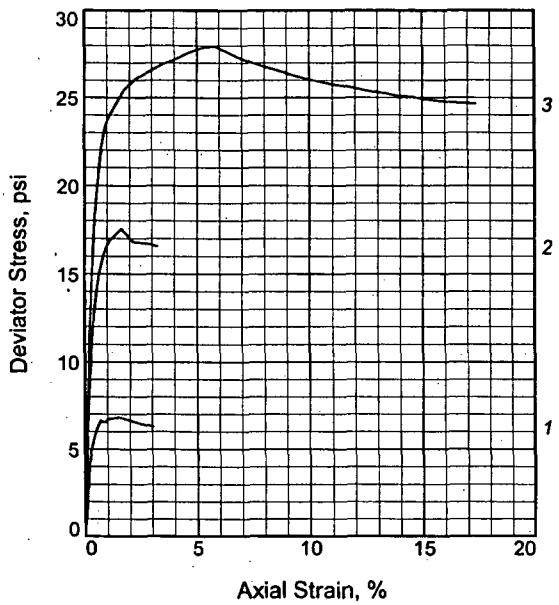
Dial Reading vs. Time

Shaw E&I

Figure 92



	Total	Effective
C, psi	0	0.45
ϕ, deg	57.1	34.5
Tan(ϕ)	1.55	0.69



Sample No.		1	2	3
Initial	Water Content,	17.1	N/A	N/A
	Dry Density, pcf	88.7	N/A	N/A
	Saturation,	52.3	N/A	N/A
	Void Ratio	0.8644	N/A	N/A
	Diameter, in.	2.50	2.50	2.50
	Height, in.	4.97	4.97	4.97
At Test	Water Content,	31.7		
	Dry Density, pcf	90.0		
	Saturation,	100.0		
	Void Ratio	0.8388		
	Diameter, in.	2.49		
	Height, in.	4.94		
Strain rate, in./min.		0.00	0.00	0.00
Eff. Cell Pressure, psi		2.0	2.0	2.0
Fail. Stress, psi		6.8	17.5	28.0
Total Pore Pr., psi		18.4	33.1	50.4
Strain, %		1.5	1.6	5.8
Ult. Stress, psi				
Total Pore Pr., psi				
Strain, %				
$\bar{\sigma}_1$ Failure, psi		8.4	24.4	37.6
$\bar{\sigma}_3$ Failure, psi		1.6	6.9	9.6

Type of Test:
CU with Pore Pressures

Sample Type: Recompacted

Description:

LL= NP **PI=** NP

Assumed Specific Gravity= 2.65

Remarks: Incremental loading, same specimen for all points

Client: GEL

Project: GEL Moab

Location: Moab

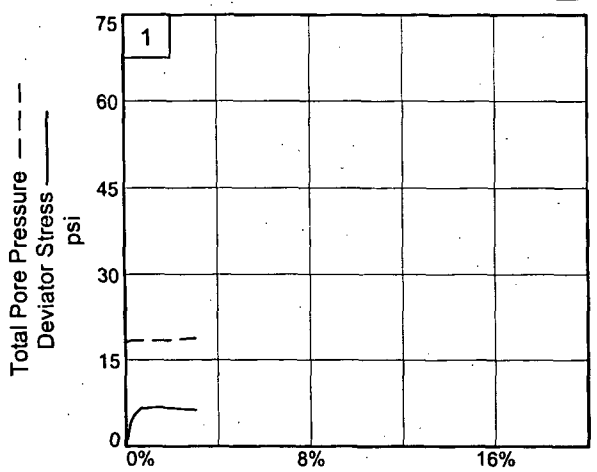
Sample Number: BC0913

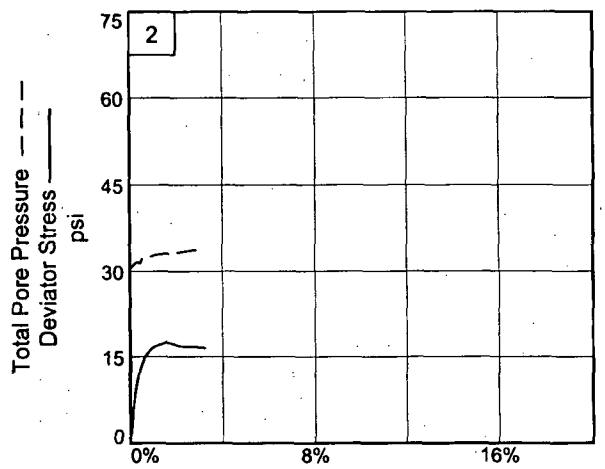
Proj. No.: 109855 **Date:**

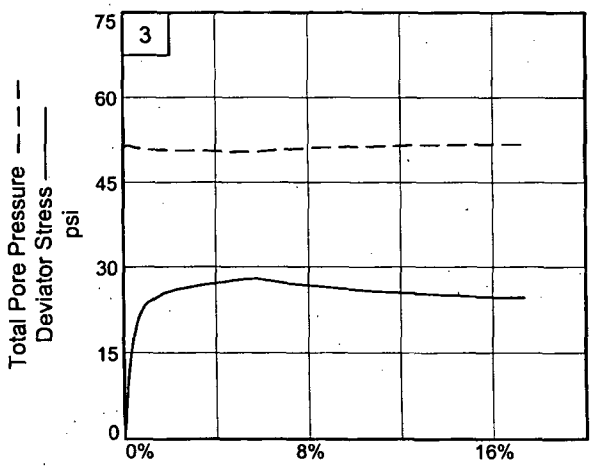
TRIAXIAL SHEAR TEST REPORT

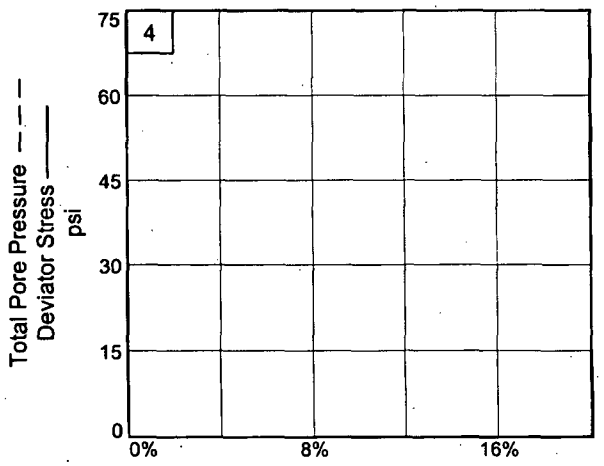
Shaw E&I

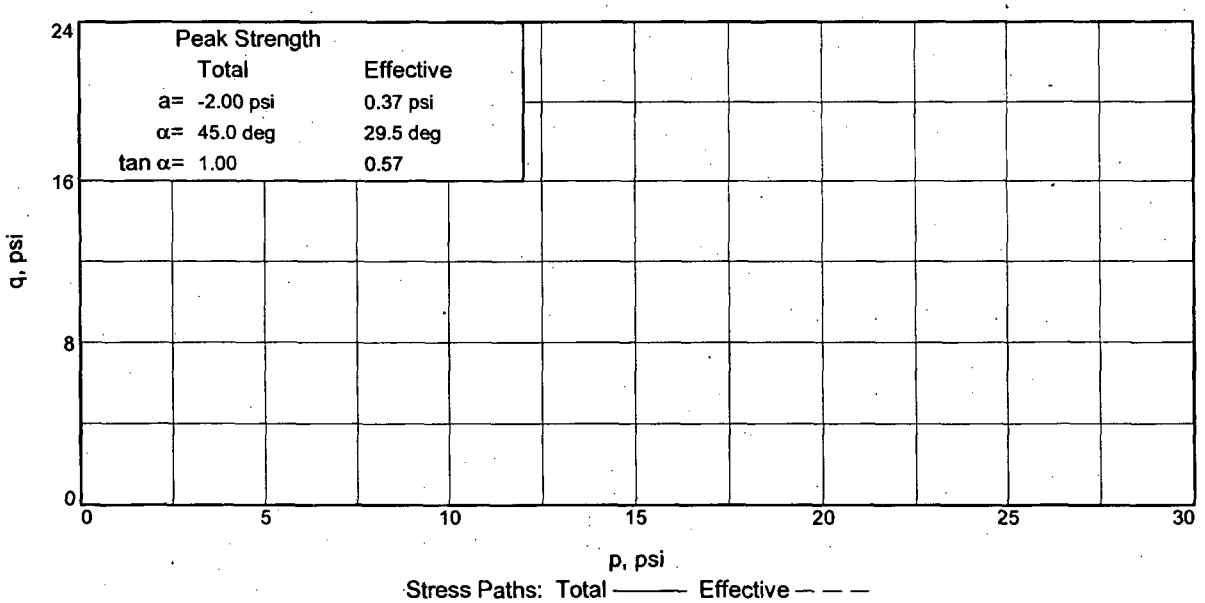
Figure BC0913





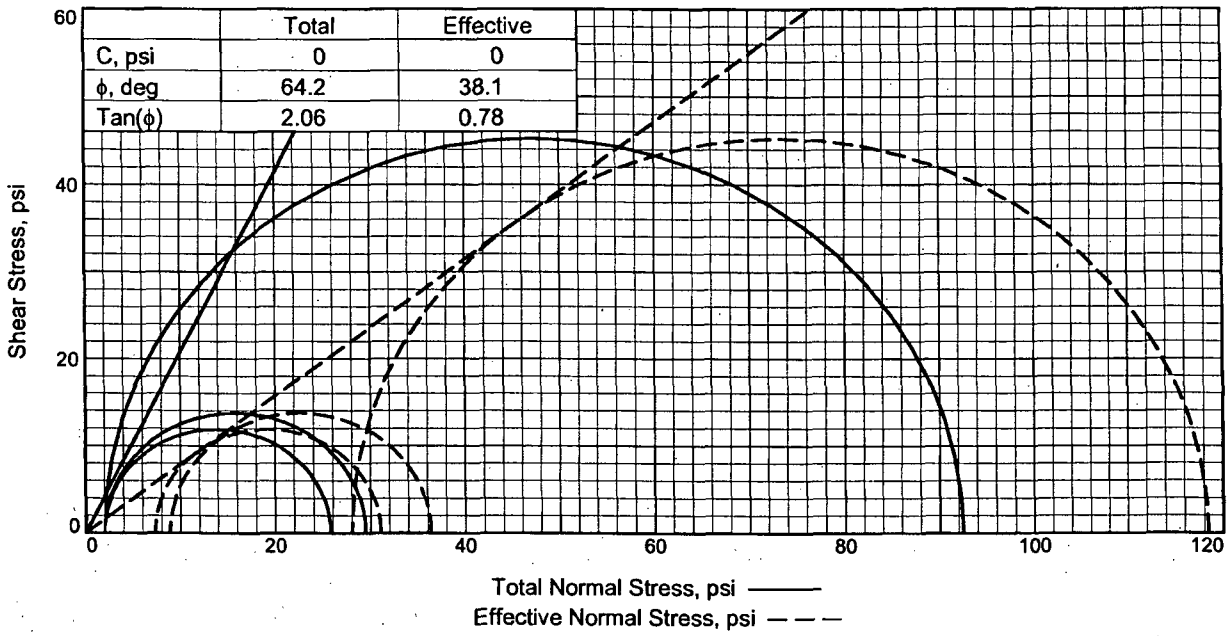




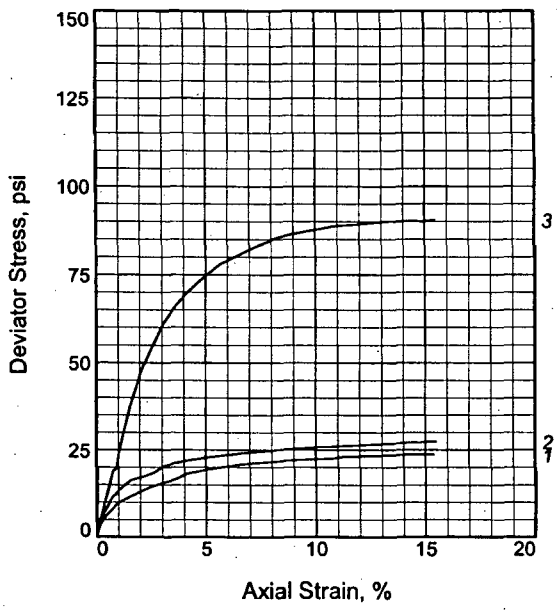


Client: GEL
Project: GEL Moab
Location: Moab **Sample Number:** BC0913
Project No.: 109855 **Figure** _____

Shaw E&I



	Total	Effective
C, psi	0	0
ϕ, deg	64.2	38.1
Tan(ϕ)	2.06	0.78



Sample No.		1	2	3
Initial	Water Content,	17.9	17.9	17.9
	Dry Density, pcf	102.1	101.4	101.5
	Saturation,	76.5	75.2	75.4
	Void Ratio	0.6203	0.6310	0.6292
	Diameter, in.	2.51	2.50	2.49
	Height, in.	4.90	5.11	5.11
At Test	Water Content,	22.8	14.5	14.7
	Dry Density, pcf	103.1	119.5	119.2
	Saturation,	100.0	100.0	100.0
	Void Ratio	0.6039	0.3848	0.3882
	Diameter, in.	2.50	2.36	2.36
	Height, in.	4.88	4.85	4.85
Strain rate, in./min.		0.00	0.00	0.00
Eff. Cell Pressure, psi		2	2	2
Fail. Stress, psi		24	27	90
Total Pore Pr., psi		13	31	32
Strain, %		14.3	15.5	15.5
Ult. Stress, psi				
Total Pore Pr., psi				
Strain, %				
$\bar{\sigma}_1$ Failure, psi		31	36	118
$\bar{\sigma}_3$ Failure, psi		7	9	28

Type of Test:
CU with Pore Pressures
Sample Type:
Description:

Assumed Specific Gravity= 2.65
Remarks:

Client: GEL

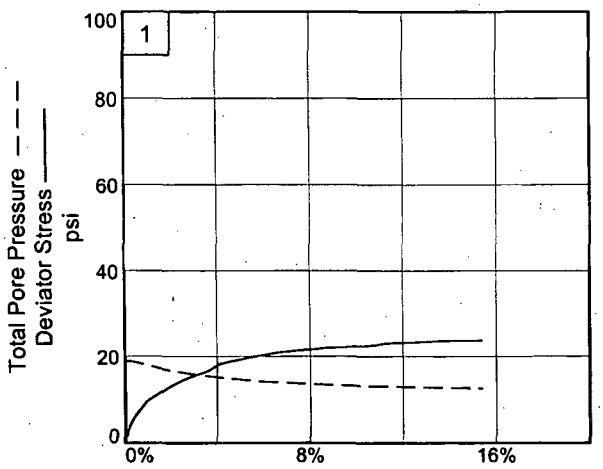
Project: GEL Moab

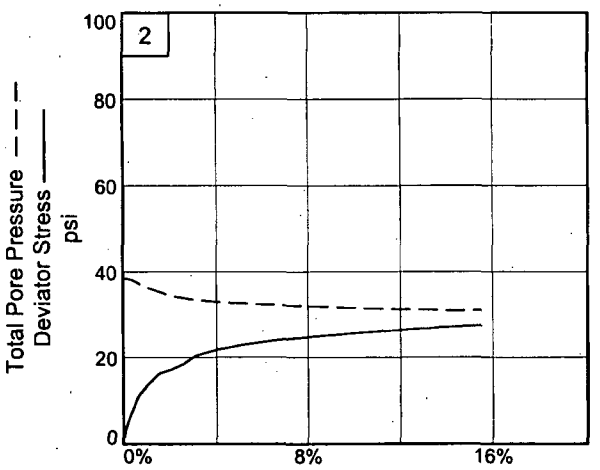
Location: Moab
Sample Number: BC0915
Proj. No.: 109855 **Date:**

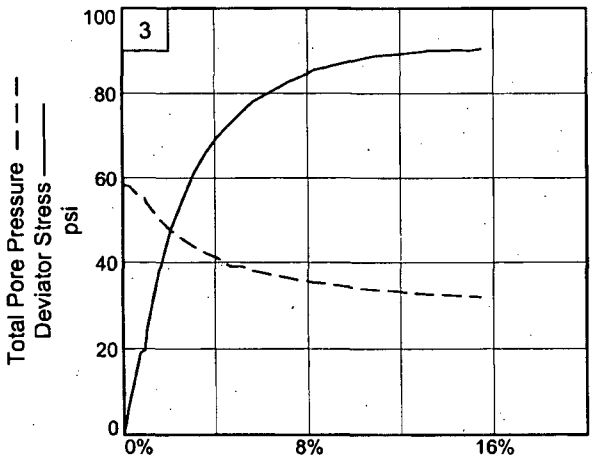
TRIAXIAL SHEAR TEST REPORT

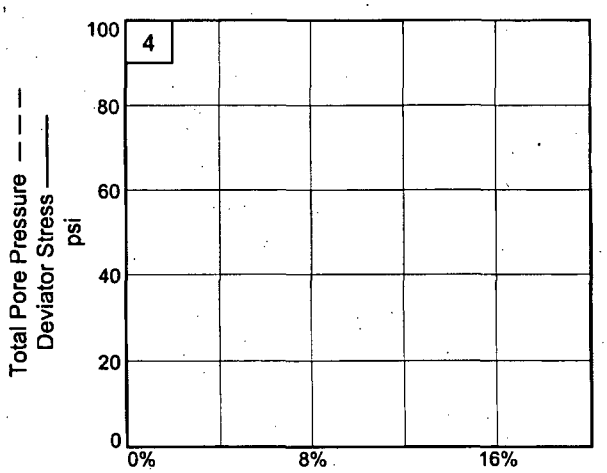
Shaw E&I

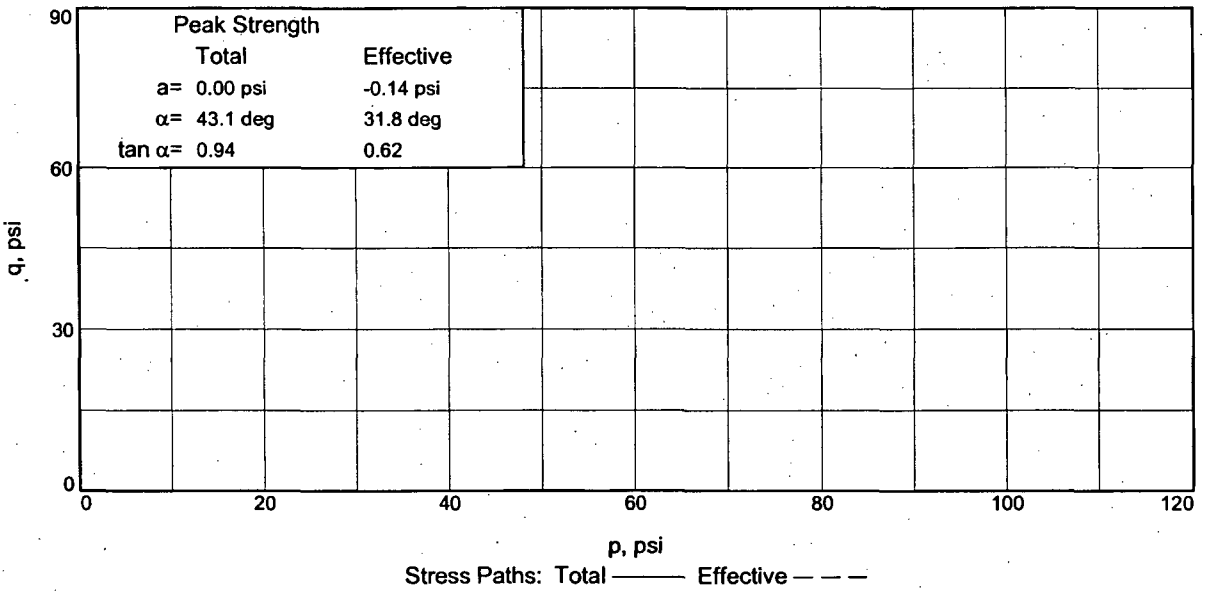
Figure _____





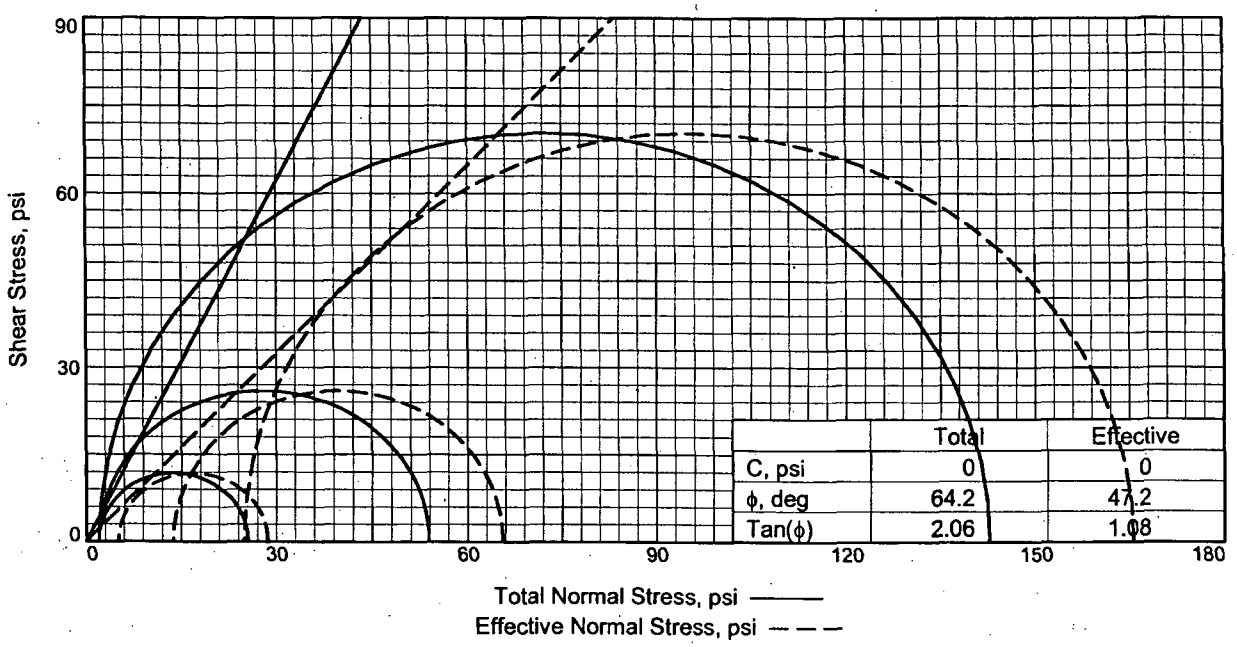




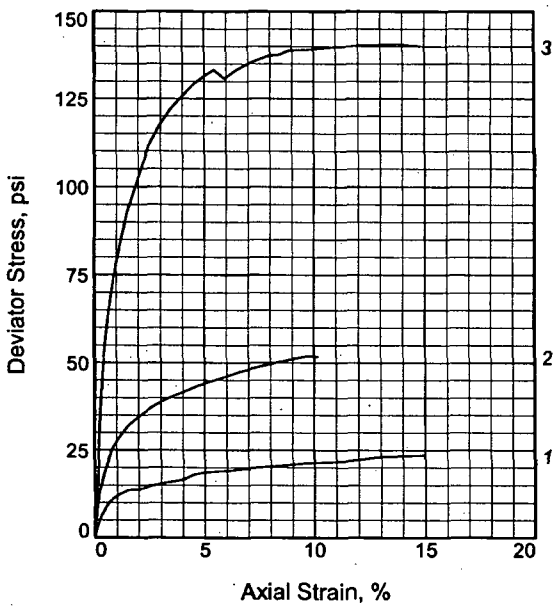


Client: GEL
Project: GEL Moab
Location: Moab **Sample Number:** BC0915
Project No.: 109855 **Figure** _____

Shaw E&I



	Total	Effective
C, psi	0	0
ϕ, deg	64.2	47.2
Tan(ϕ)	2.06	1.08



Sample No.		1	2	3
Initial	Water Content,	20.5	20.5	20.5
	Dry Density, pcf	95.9	96.6	96.6
	Saturation,	69.7	70.9	70.9
	Void Ratio	0.8222	0.8089	0.8089
	Diameter, in.	2.50	2.49	2.49
	Height, in.	5.05	5.11	5.11
At Test	Water Content,	27.7	21.3	26.8
	Dry Density, pcf	98.4	109.4	99.8
	Saturation,	100.0	100.0	100.0
	Void Ratio	0.7757	0.5977	0.7510
	Diameter, in.	2.48	2.39	2.47
	Height, in.	5.00	4.91	5.06
Strain rate, in./min.		0.00	0.01	0.01
Eff. Cell Pressure, psi		2	2	2
Fail. Stress, psi		24	52	141
Total Pore Pr., psi		15	26	35
Strain, %		15.0	9.7	13.8
Ult. Stress, psi				
Total Pore Pr., psi				
Strain, %				
$\bar{\sigma}_1$ Failure, psi		29	66	166
$\bar{\sigma}_3$ Failure, psi		5	14	25

Type of Test:
CU with Pore Pressures
Sample Type:
Description:

Assumed Specific Gravity= 2.8
Remarks:

Client: GEL

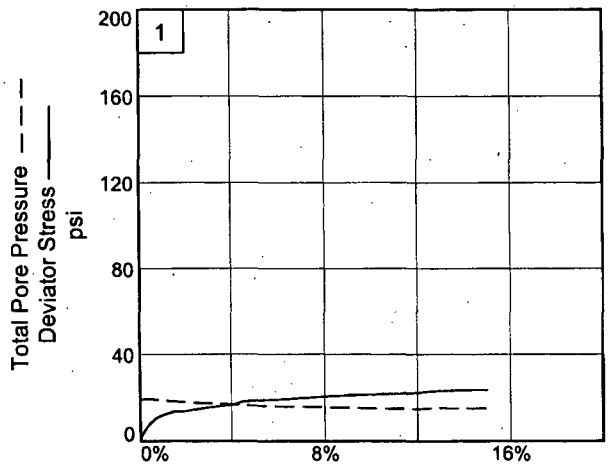
Project: GEL Moab

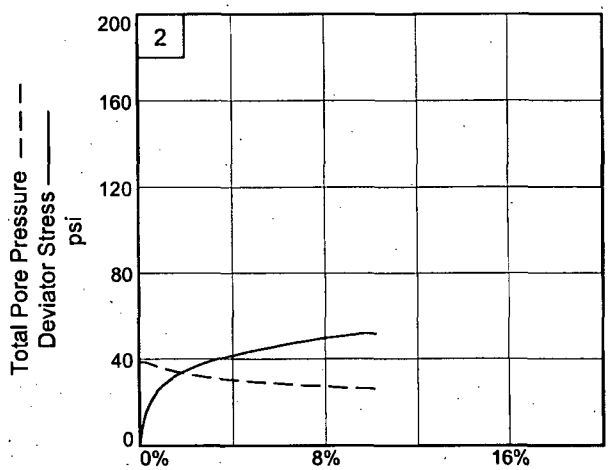
Location: Moab
Sample Number: BC0917
Proj. No.: 109855 **Date:**

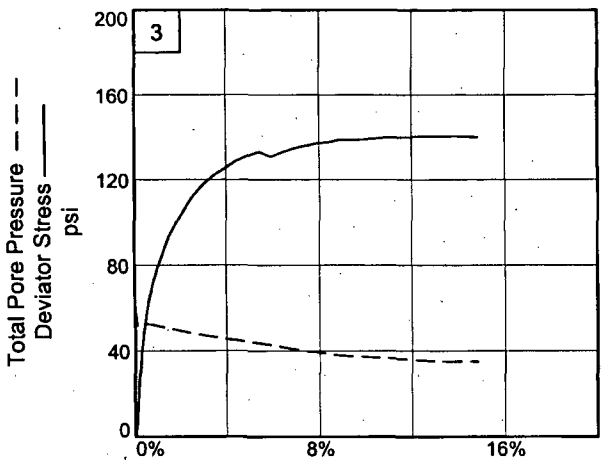
TRIAXIAL SHEAR TEST REPORT

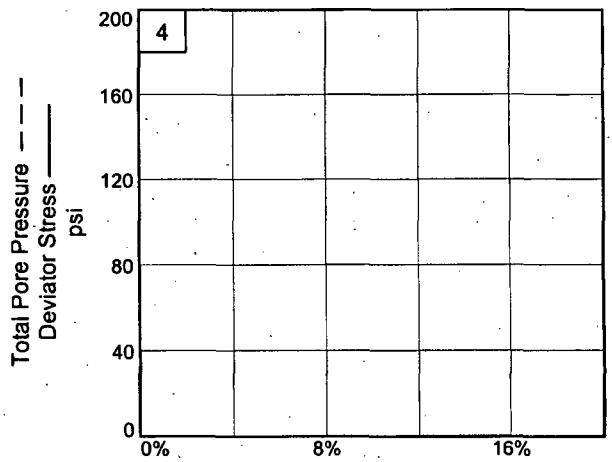
Shaw E&I

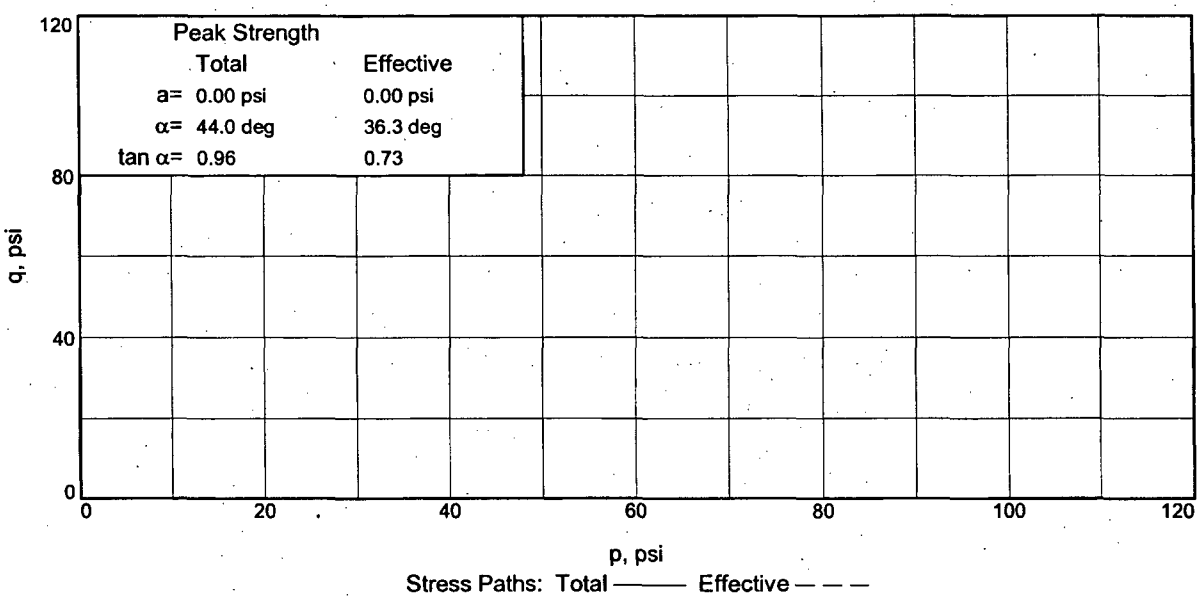
Figure _____





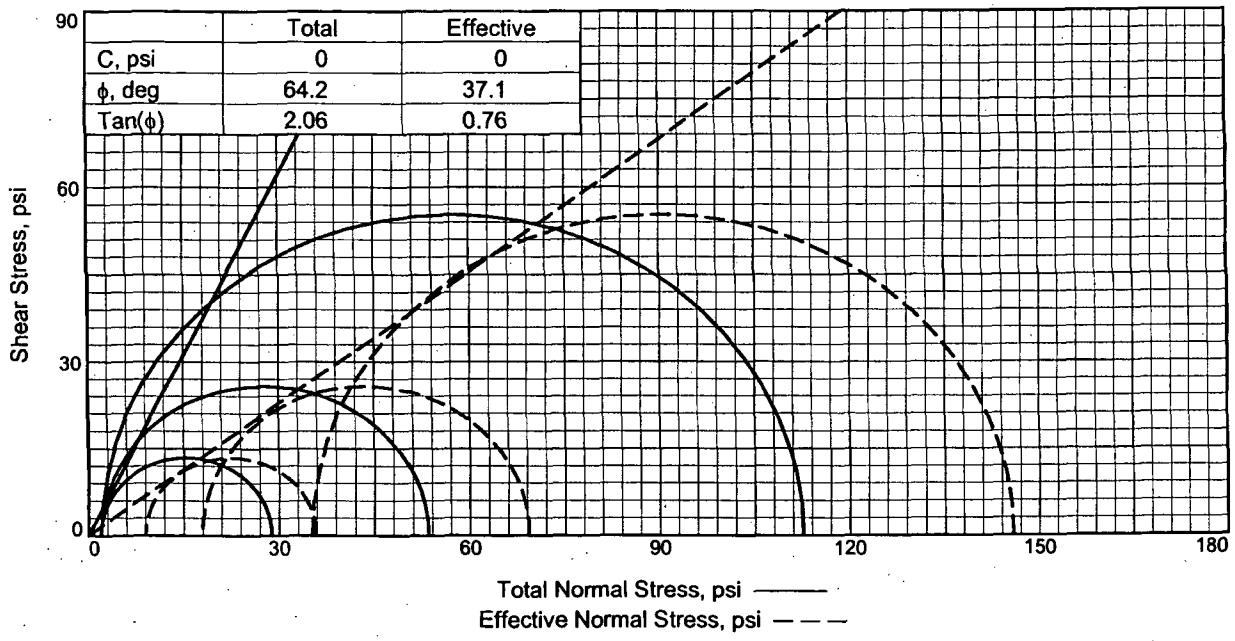




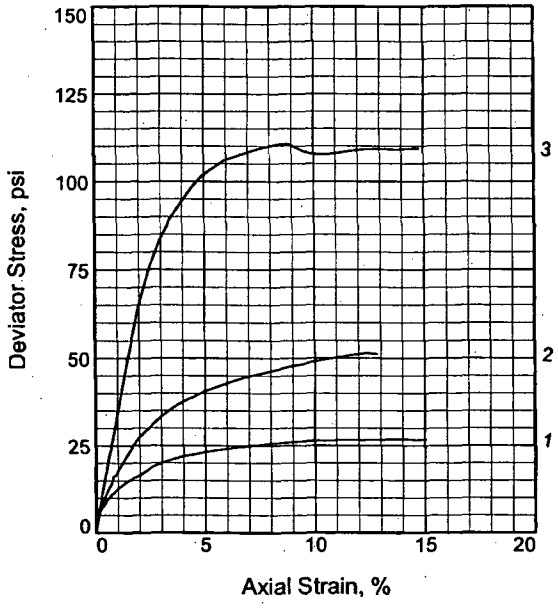


Client: GEL
Project: GEL Moab
Location: Moab **Sample Number:** BC0917
Project No.: 109855 **Figure** _____

Shaw E&I



	Total	Effective
C, psi	0	0
ϕ, deg	64.2	37.1
Tan(ϕ)	2.06	0.76



Sample No.		1	2	3
Initial	Water Content,	15.3	15.3	15.3
	Dry Density, pcf	101.7	101.8	101.8
	Saturation,	64.6	64.8	64.8
	Void Ratio	0.6263	0.6246	0.6246
	Diameter, in.	2.50	2.49	2.49
	Height, in.	5.00	5.11	5.11
At Test	Water Content,	23.2	21.9	22.1
	Dry Density, pcf	102.4	104.7	104.4
	Saturation,	100.0	100.0	100.0
	Void Ratio	0.6148	0.5797	0.5849
	Diameter, in.	2.49	2.47	2.47
	Height, in.	4.98	5.07	5.07
Strain rate, in./min.		0.00	0.00	0.00
Eff. Cell Pressure, psi		2	2	2
Fail. Stress, psi		27	51	111
Total Pore Pr., psi		11	22	25
Strain, %		14.0	12.3	8.9
Ult. Stress, psi				
Total Pore Pr., psi				
Strain, %				
$\bar{\sigma}_1$ Failure, psi		36	69	146
$\bar{\sigma}_3$ Failure, psi		9	18	35

Type of Test:
CU with Pore Pressures

Sample Type:

Description:

Assumed Specific Gravity= 2.65

Remarks:

Client: GEL

Project: GEL Moab

Location: Moab

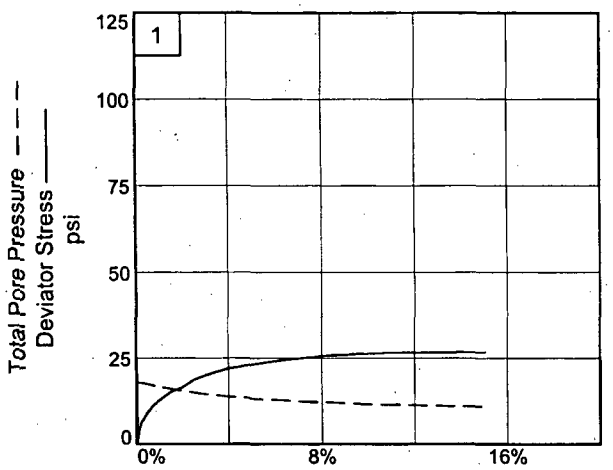
Sample Number: BC0918

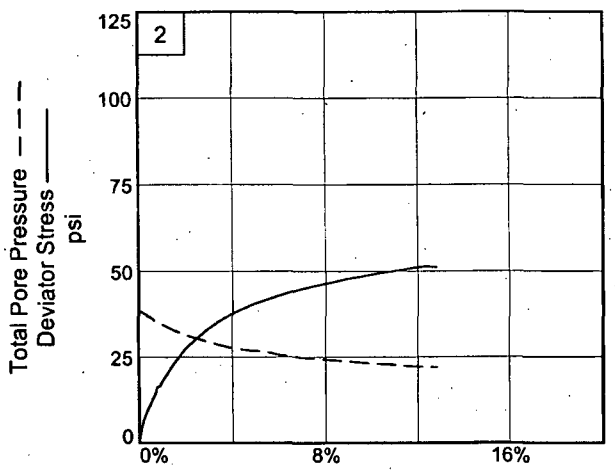
Proj. No.: 109855 **Date:**

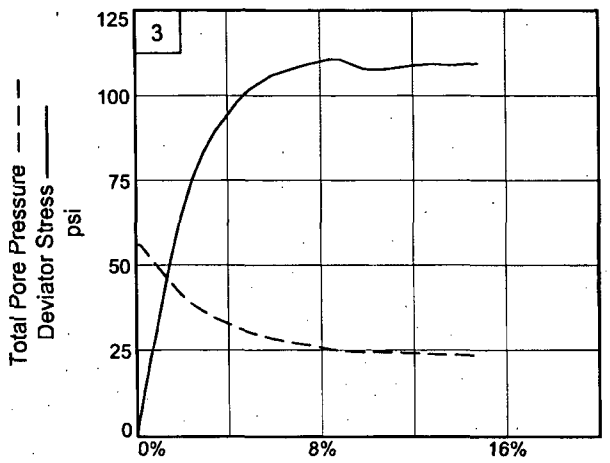
TRIAXIAL SHEAR TEST REPORT

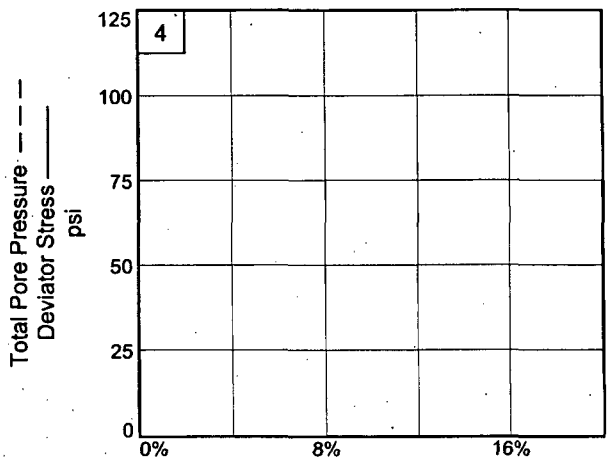
Shaw E&I

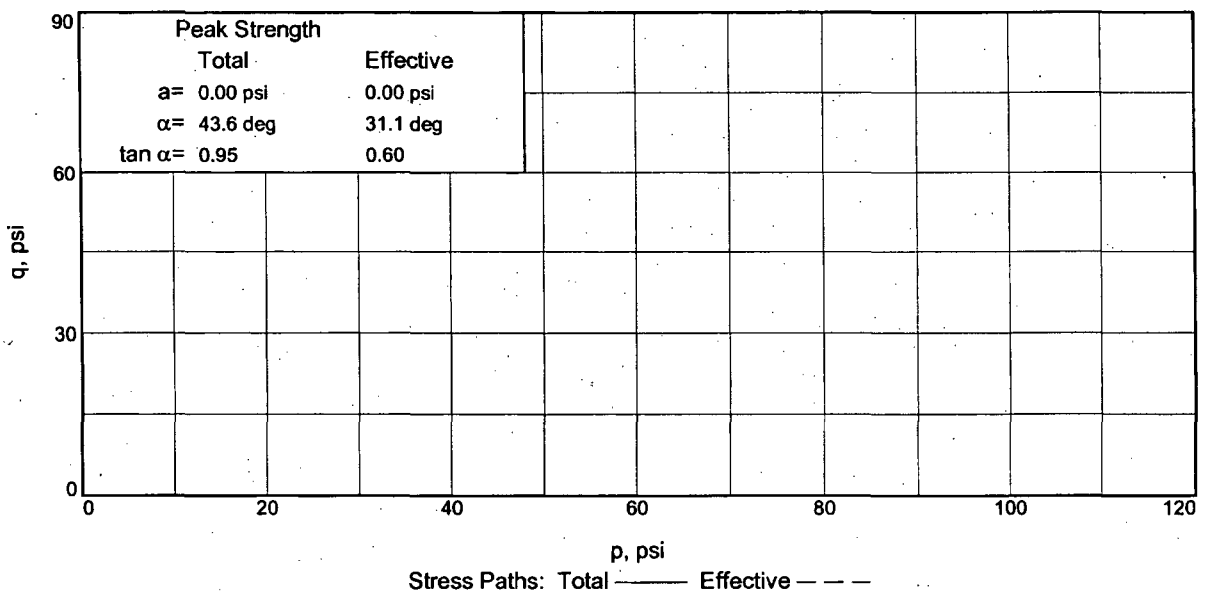
Figure _____





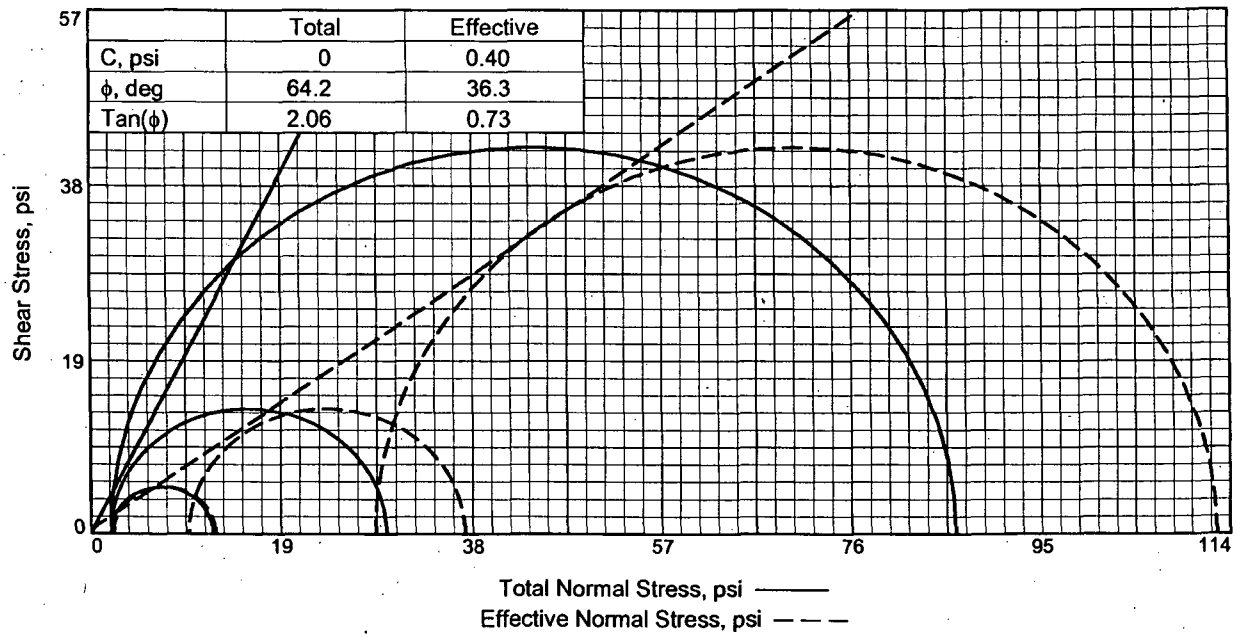




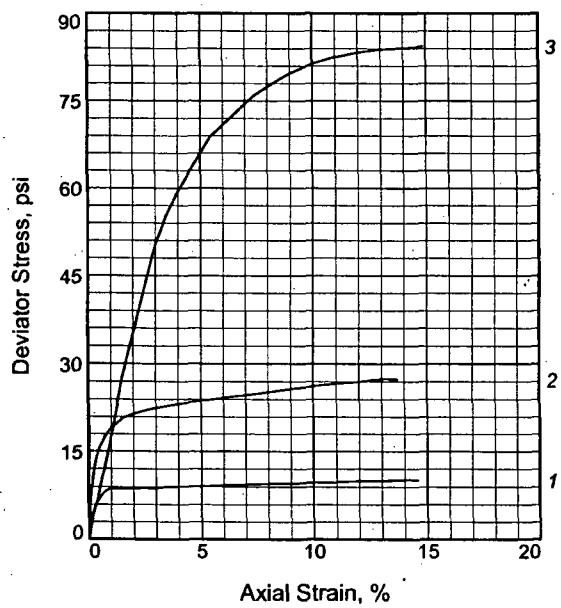


Client: GEL
Project: GEL Moab
Location: Moab **Sample Number:** BC0918
Project No.: 109855 **Figure** _____

Shaw E&I



	Total	Effective
C, psi	0	0.40
ϕ, deg	64.2	36.3
Tan(ϕ)	2.06	0.73



Sample No.		1	2	3
Initial	Water Content,	23.1	23.1	23.1
	Dry Density, pcf	91.7	91.8	91.8
	Saturation,	76.1	76.3	76.2
	Void Ratio	0.8038	0.8016	0.8027
	Diameter, in.	2.50	2.49	2.49
	Height, in.	5.00	5.11	5.12
At Test	Water Content,	36.7	23.2	27.5
	Dry Density, pcf	83.9	102.5	95.7
	Saturation,	100.0	100.0	100.0
	Void Ratio	0.9715	0.6136	0.7290
	Diameter, in.	2.58	2.40	2.46
	Height, in.	5.15	4.93	5.05
Strain rate, in./min.		0.00	0.01	0.01
Eff. Cell Pressure, psi		2	2	2
Fail. Stress, psi		10	27	84
Total Pore Pr., psi		18	30	32
Strain, %		14.1	13.2	14.9
Ult. Stress, psi				
Total Pore Pr., psi				
Strain, %				
$\bar{\sigma}_1$ Failure, psi		13	37	113
$\bar{\sigma}_3$ Failure, psi		2	10	28

Type of Test:
CU with Pore Pressures
Sample Type: Recompacted
Description:

LL= 23 **PL=** 20 **PI=** 3
Assumed Specific Gravity= 2.65
Remarks:

Client: GEL

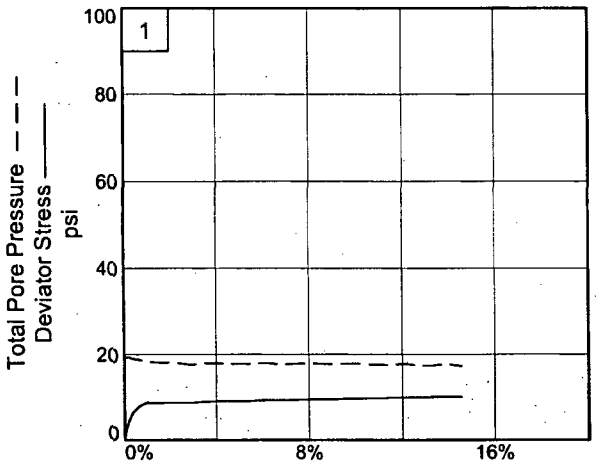
Project: GEL Moab

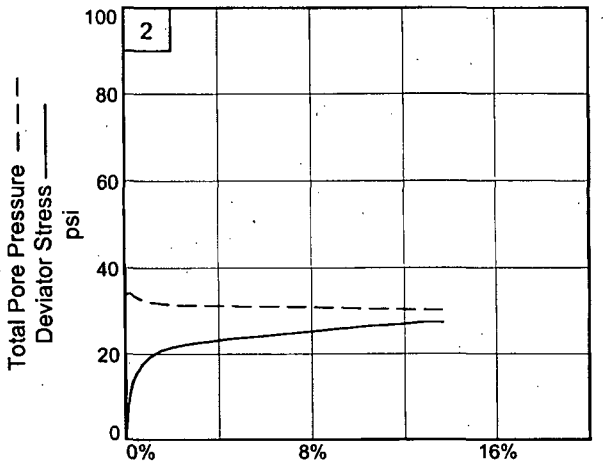
Location: Moab
Sample Number: BC0919
Proj. No.: 109855 **Date:**

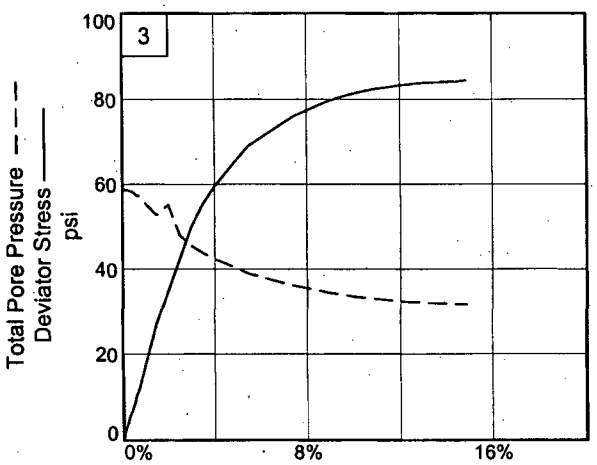
TRIAXIAL SHEAR TEST REPORT

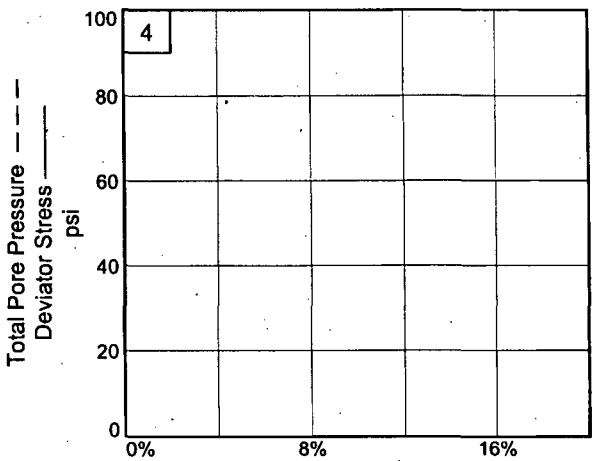
Shaw E&I

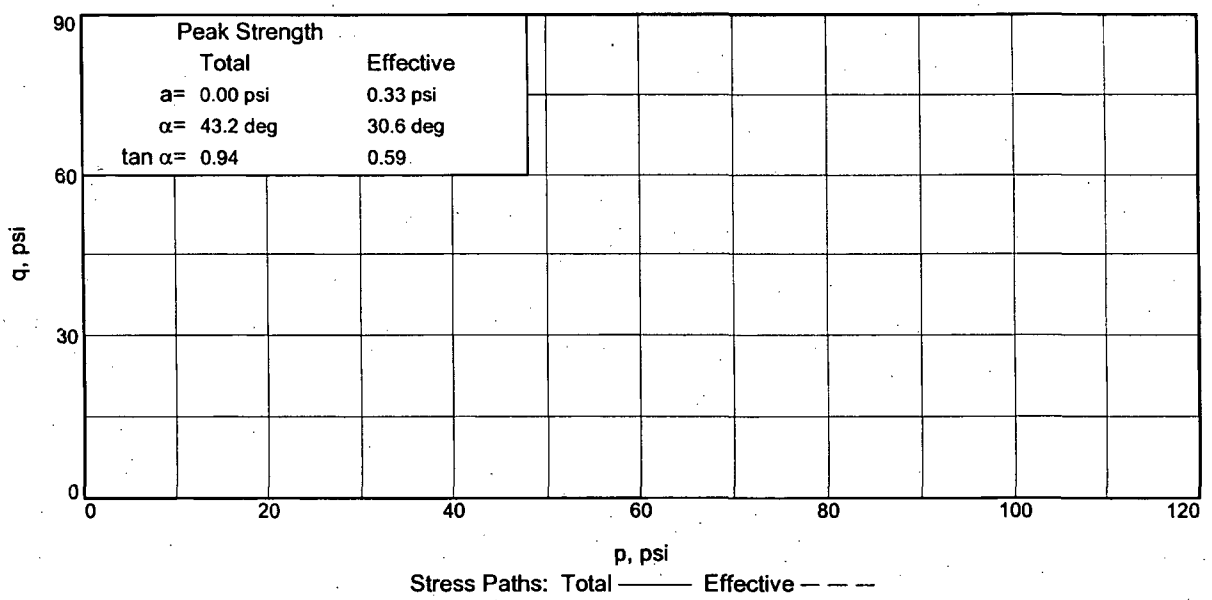
Figure BC0919





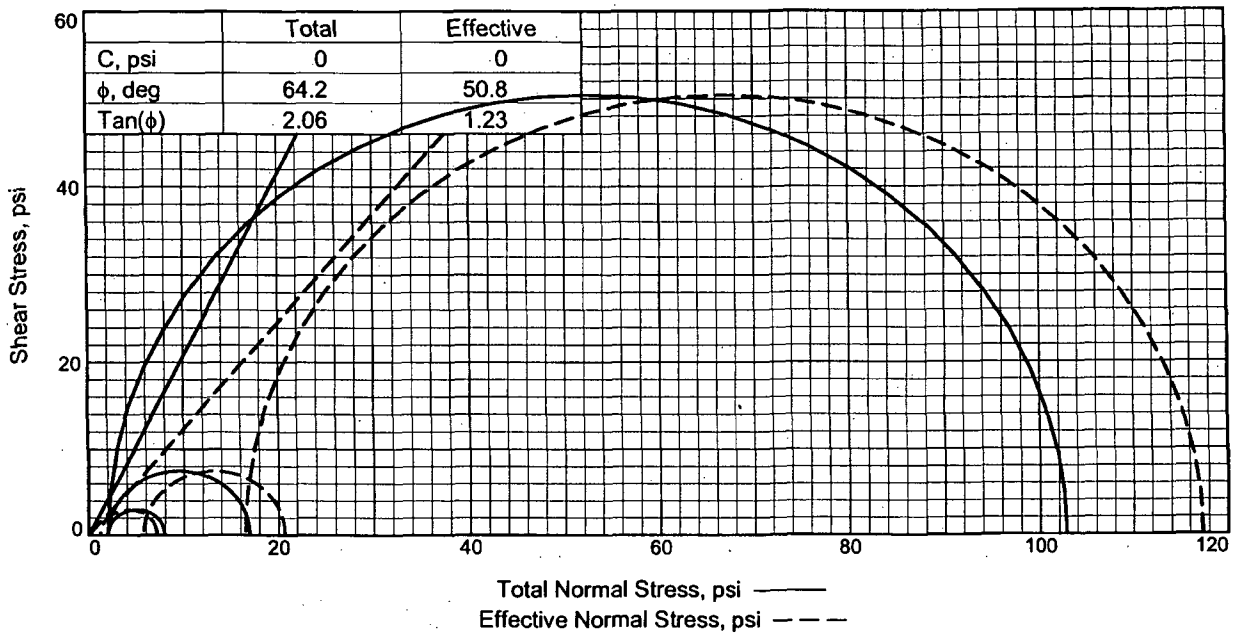


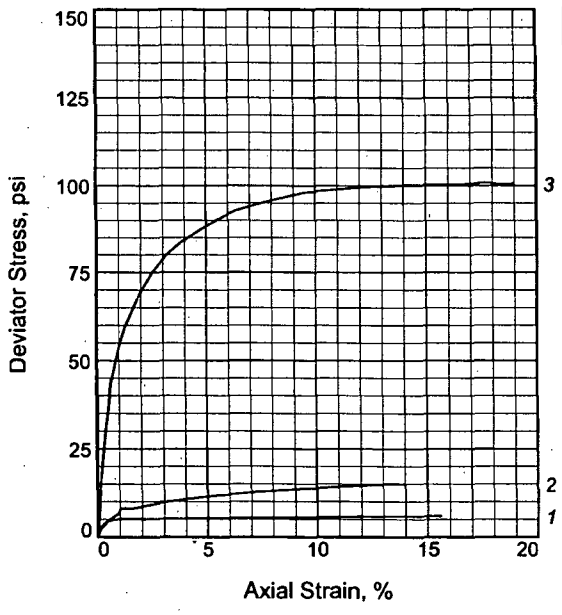




Client: GEL
Project: GEL Moab
Location: Moab **Sample Number:** BC0919
Project No.: 109855 **Figure** _____

Shaw E&I





Sample No.		1	2	3
Initial	Water Content,	24.3	24.3	77.0
	Dry Density, pcf	82.0	81.4	17.1
	Saturation,	63.2	62.4	23.6
	Void Ratio	1.0184	1.0317	8.6569
	Diameter, in.	2.49	2.49	2.00
	Height, in.	4.98	5.11	4.00
At Test	Water Content,	31.2	27.3	314.8
	Dry Density, pcf	90.6	96.0	17.7
	Saturation,	100.0	100.0	100.0
	Void Ratio	0.8261	0.7229	8.3427
	Diameter, in.	2.41	2.36	1.98
	Height, in.	4.81	4.85	3.96
Strain rate, in./min.		0.00	0.00	0.01
Eff. Cell Pressure, psi		2	2	2
Fail. Stress, psi		6	15	101
Total Pore Pr., psi		19	34	43
Strain, %		15.1	13.9	17.7
Ult. Stress, psi				
Total Pore Pr., psi				
Strain, %				
$\bar{\sigma}_1$ Failure, psi		7	21	117
$\bar{\sigma}_3$ Failure, psi		1	6	17

Type of Test:
CU with Pore Pressures
Sample Type:
Description:

Assumed Specific Gravity= 2.65
Remarks:

Client: GEL

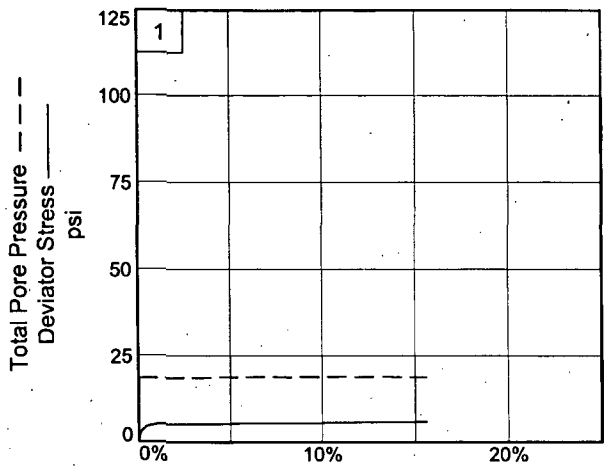
Project: GEL Moab

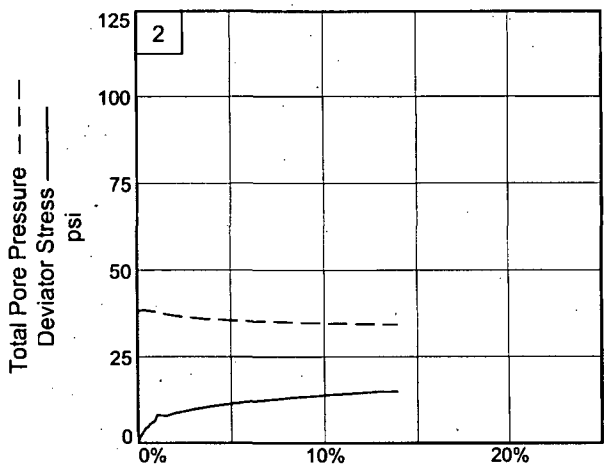
Location: Moab
Sample Number: BC0922
Proj. No.: 109855 **Date:**

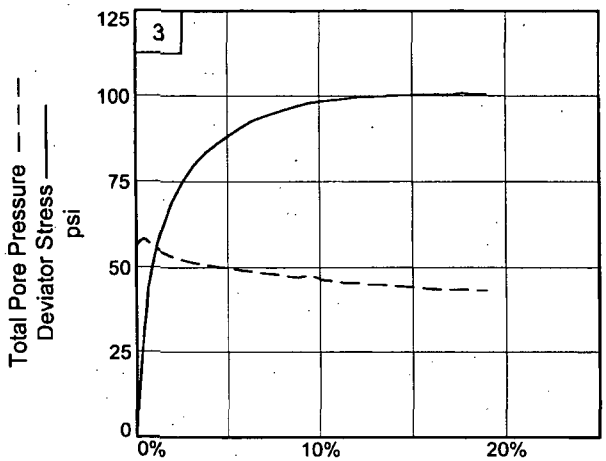
TRIAXIAL SHEAR TEST REPORT

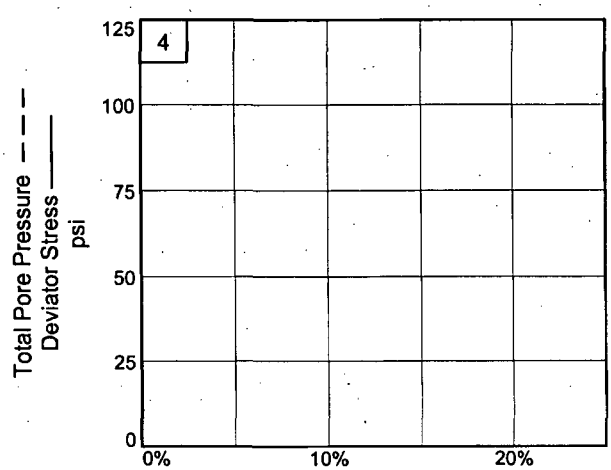
Shaw E&I

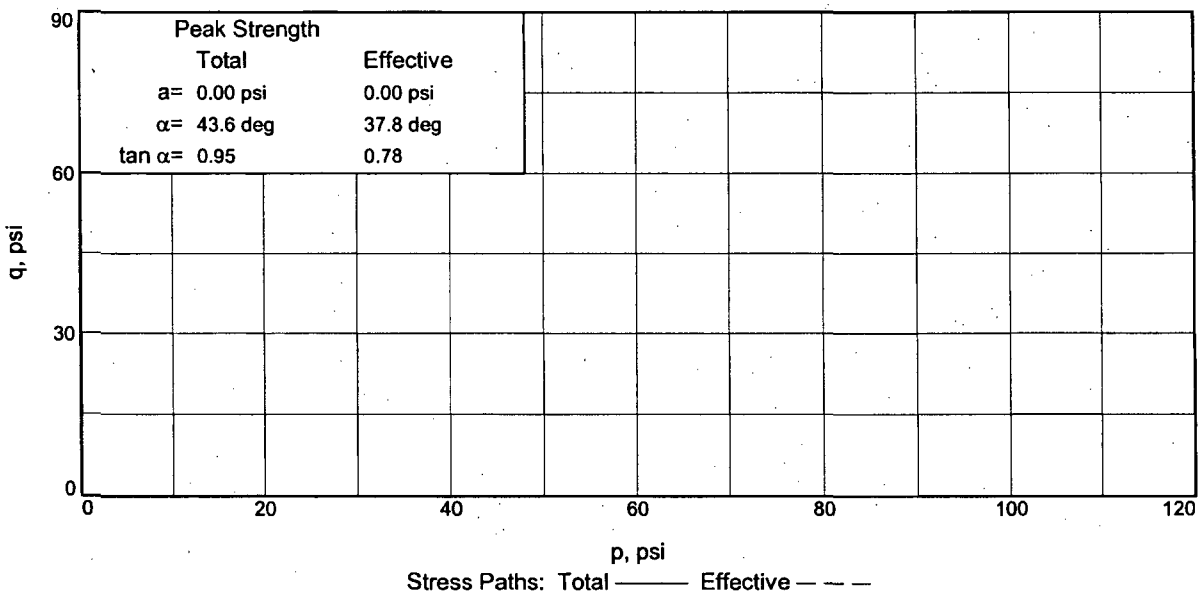
Figure _____





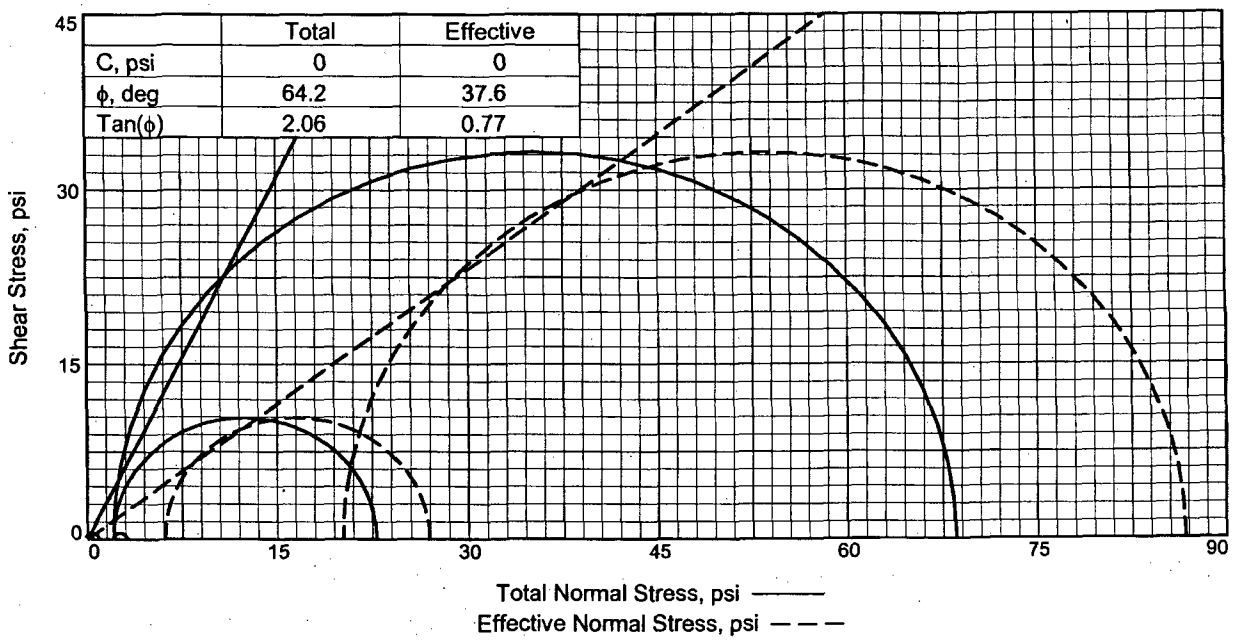




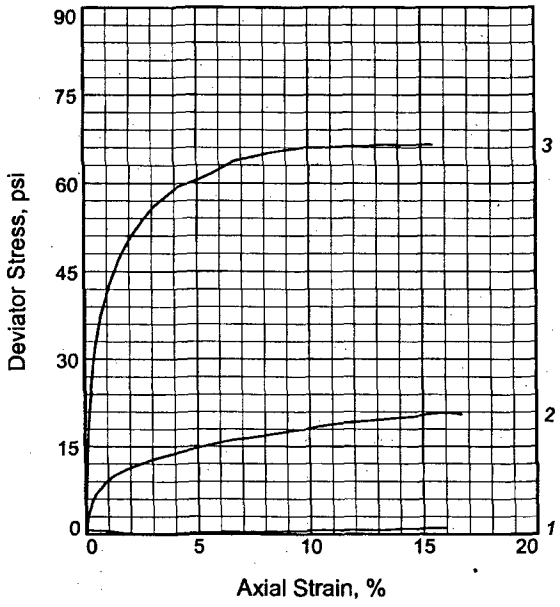


Client: GEL
Project: GEL Moab
Location: Moab **Sample Number:** BC0922
Project No.: 109855 **Figure** _____

Shaw E&I



	Total	Effective
C, psi	0	0
ϕ, deg	64.2	37.6
Tan(ϕ)	2.06	0.77



Sample No.		1	2	3
Initial	Water Content,	20.0	20.0	20.0
	Dry Density, pcf	83.0	84.4	84.4
	Saturation,	50.6	52.3	52.3
	Void Ratio	1.1070	1.0710	1.0710
	Diameter, in.	2.47	2.47	2.47
	Height, in.	5.11	4.93	4.93
At Test	Water Content,	22.6	5.6	34.0
	Dry Density, pcf	107.1	151.2	89.5
	Saturation,	100.0	100.0	100.0
	Void Ratio	0.6316	0.1561	0.9533
	Diameter, in.	2.27	2.02	2.43
	Height, in.	4.70	4.12	4.84
Strain rate, in./min.		0.01	0.01	0.01
Eff. Cell Pressure, psi		2.0	2.0	2.0
Fail. Stress, psi		1.1	20.8	66.5
Total Pore Pr., psi		20.2	33.9	39.8
Strain, %		15.9	15.8	13.4
Ult. Stress, psi				
Total Pore Pr., psi				
Strain, %				
$\bar{\sigma}_1$ Failure, psi		0.9	26.9	86.7
$\bar{\sigma}_3$ Failure, psi		-0.2	6.1	20.2

Type of Test:
CU with Pore Pressures

Sample Type:

Description:

Assumed Specific Gravity= 2.8

Remarks:

Client: GEL

Project: GEL Moab

Location: Moab

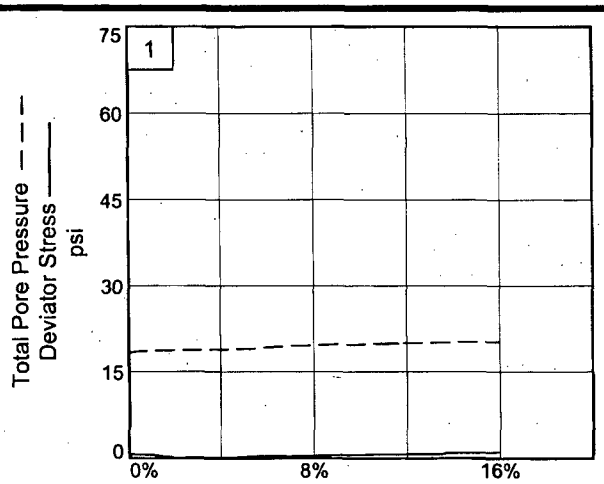
Sample Number: BC0924

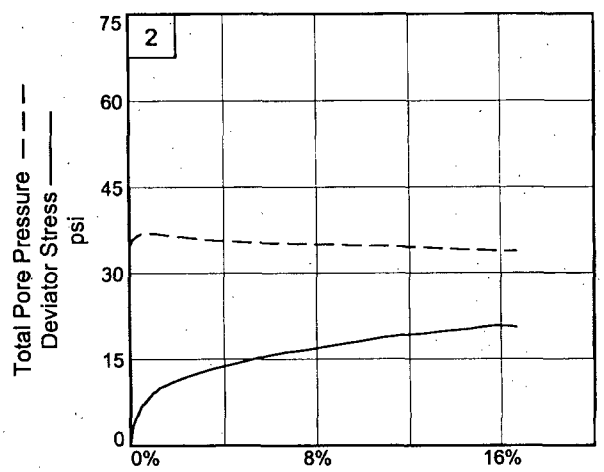
Proj. No.: 109855 **Date:**

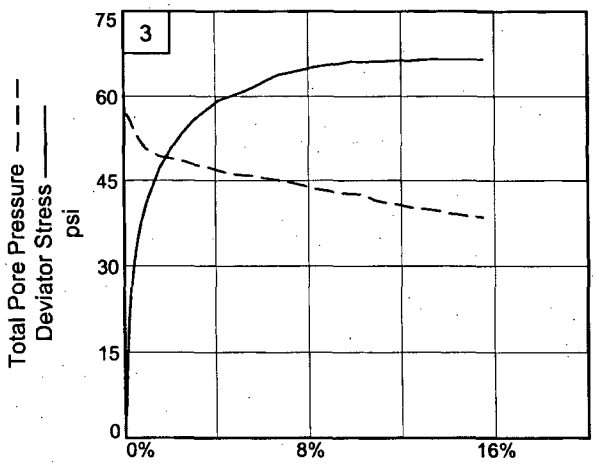
TRIAXIAL SHEAR TEST REPORT

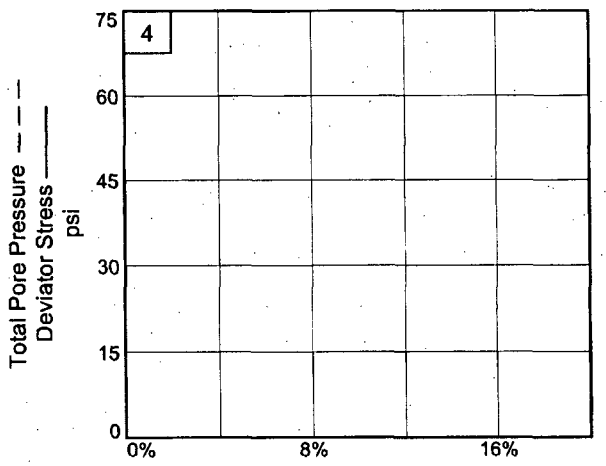
Shaw E&I

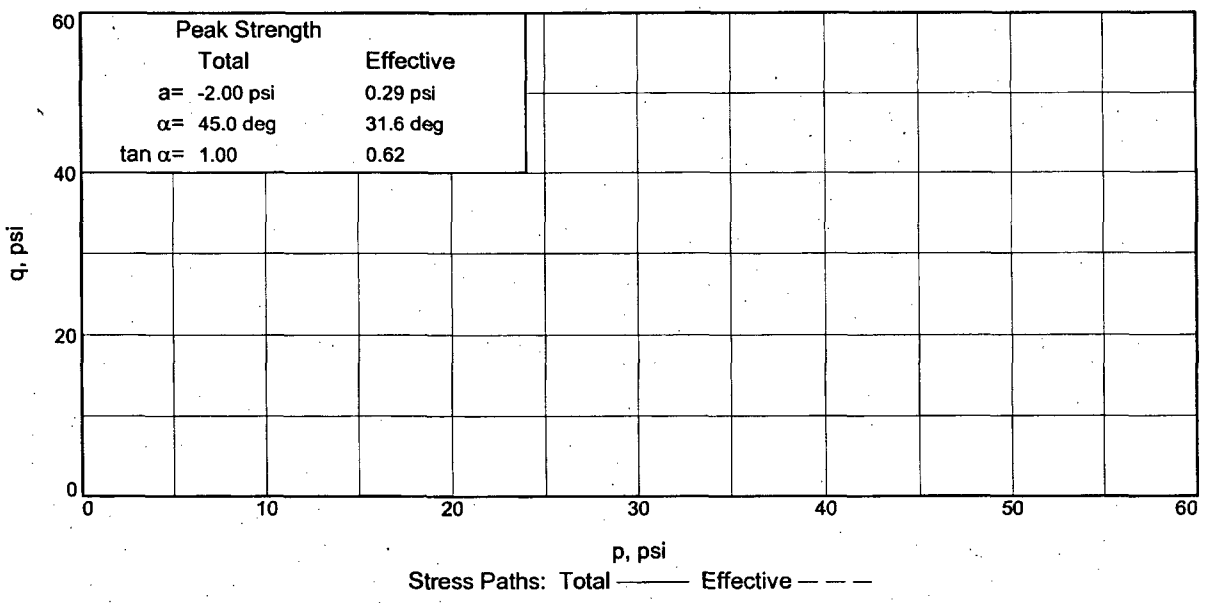
Figure _____











Client: GEL
Project: GEL Moab
Location: Moab **Sample Number:** BC0924
Project No.: 109855 **Figure** _____

Shaw E&I

Appendix C
Chain of Custody Records

Stoller
Legacy Management Team
Stoller • Battelle • Source One

Chain of Custody / Sample Submittal Form

RIN: 06040352
COC: 06040352.1.1
Sampler(s):

Project: MOAB CHARACTERIZATION
Cost Number: 06-203-4-01-5-2-01
Purchase Order: 24316

Laboratory: General Engineering Laboratories
Address: 2040 Savage Road
Charleston, SC 29407
Phone: 843.556.8171

Ticket	Sample Date	Time	Site	Location	Container	Preservation	Filtered	# Containsers	Analysis
	12/08/2005		MOA01	GABT-01	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-02	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-03	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-04	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-05	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-06	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-07	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-08	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-09	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-10	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-11	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-12	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-13	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-14	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim

ODC: Consolidation (ASTM D2435), HC: Hydraulic Conductivity (ASTM D5084), TSS: CU Triaxial Shear Strengh (ASTM D4767), CMR: Capillary Moisture Relationship (ASTM D2325)
Part Size: Grain Size Distrubution (ASTM D422), At Lim: Atterburg Limits (ASTM D4318), ST: Shake Test (SOG TALGEO0002), LRT: Liquid Release Test (9095A)

Relinquished by (signature)	Date	Time	Relinquished by (signature)	Date	Time
[signature]	5-2-06	0915			
Received by (signature)	**Date**	**Time**	**Received by (signature)**	**Date**	**Time**
Don [signature] SHAW E+I	5-4-06	0830			

Additional Testing Requests

Bench Test Sample No.	Soil Type	Atterberg limits (LL/PL,PI) ASTM D 4318	Grain Size Distribution ASTM D422	Sample Prep	Hydraulic Conductivity using Flexible Wall Permeameter (ASTM D 5084) confining pressure = 20,40,60 psi	CU Triaxial Shear Strength with Pore Pressure Measurement (ASTM D 4767) confining pressure = 20,40,60 psi	Consolidation (ASTM D 2435) confining pressure = 15,30,60 psi	Capillary-Moisture Relationship (ASTM D 2325, D 3152, or D 5298)	Maximum Dry Density (pcf) (Standard Proctor)	Optimum Moisture Content (Standard Proctor)
GABT-01	Cover Soil	X	X	Compact to 85% max, 2% wet of opt	X				117.7	11.9%
GABT-02	Cover Soil	X	X						109.2	13.8%
GABT-03	Sand Tailings	X	X	Compact to 85% of max, 2% wet of opt	X	X			106.3	12.7%
GABT-04	Sand Tailings	X	X	Compact to 85% of max, 2% wet of opt	X	X	X	X	103.9	15.6%
GABT-05	Transition Tailings	X	X	Compact to 90% of max, 2% wet of opt	X	X			113.3	13.1%
GABT-06	Sand Tailings	X	X	Compact to 95% of max, 2% wet of opt			X	X	107.3	14.6%
GABT-07	Transition Tailings	X	X	Compact to 90% of max, 2% wet of opt	X	X			107.3	18.4%
GABT-08	Transition Tailings	X	X	Compact to 90% of max, 2% wet of opt	X	X			112.8	16.0%
GABT-09	Transition Tailings	X	X	Compact to 90% of max, 2% wet of opt	X	X	X	X	102.0	21.1%
GABT-10	Transition Tailings	X	X	Compact to 95% of max, 2% wet of opt			X	X	107.8	18.7%
GABT-11	Slimes Tailings	X	X	Compact to 80% of max, 2% wet of opt			X	X	96.0	27.8%
GABT-12	Slimes Tailings	X	X	Compact to 80% of max, 2% wet of opt	X	X			101.6	22.5%
GABT-13	Slimes Tailings	X	X	Compact to 85% of max, 2% wet of opt			X	X	95.0	28.7%
GABT-14	Slimes Tailings	X	X	Compact to 80% of max, 2% wet of opt	X	X			101.5	20.9%

Appendix C

Certificate of Analysis

February 15, 2007

Shaw™
Shaw E & I, Inc.

Geotechnical Laboratory
PO Box 4339
1570 Bear Creek Road
Oak Ridge TN 37830
(865) 482-6497

CERTIFICATE OF ANALYSIS

Erin Stanley
General Engineering Laboratories
2040 Savage Road
Charleston SC 29407

February 15, 2007

This is the Certificate of Analysis for the following samples:

Shaw Project ID:	**GEL – Moab**
Shaw Project Number:	**109855.01410000**
Date Received by Lab:	May 4, 2006
Number of Samples:	Fourteen (14)
Sample Type:	Soil

I. Introduction/Case Narrative

Fourteen soil samples were received by the Shaw Geotechnical Laboratory on May 4, 2006. Samples were submitted for determination of particle-size distribution, Atterberg limits, hydraulic conductivity, consolidated-undrained triaxial shear strength, one-dimensional consolidation properties, and capillary moisture relationships. Previous reports have distributed all sample results except for the CU triaxial test for sample GBABT-04, which is reported here.

Please see Appendix A, Sample Number Cross Reference List; Appendix B, Analysis Results; and Appendix C, Chain-of-Custody/Sample Receipt Records.

Reviewed and Approved:

Ralph Cole
Laboratory Manager, Geotechnical Services

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

II. Analytical Results/Methodology

REFERENCES: United Nations, *Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria*, third ed. New York, 1999. United States Army Corps of Engineers (USACE), Engineer Manual 1110-2-1906, *Laboratory Soils Testing*, appendix II, 1970; United States Environmental Protection Agency, SW846, *Test Methods for Examining Solid Waste, Physical/Chemical Methods*, 3rd ed., Nov 1986 (EPA SW-846). Annual Book of ASTM Standards, Section 4, Construction, Volume 04.08, *Soil and Rock (I)*, and Volume 04.09, *Soil and Rock (II)*, 2006. Shaw Environmental and infrastructure, Standard Operating Procedures.

Consolidated-Undrained Triaxial Shear Strength .....**ASTM D 4767**

III. Quality Control

Quality control checks such as duplicates and spikes (QC samples), are not normally applicable to geotechnical testing. This is due largely to the inability of obtaining samples with known characteristics, the heterogenous nature of the samples, and quality control procedures built-in to the analytical method.

QC measures to ensure accuracy and precision of test results include the following:

- 100% verification of all numerical results - raw data entries, transcriptions and calculations entered by lab technicians are checked, recalculated and verified. Most data calculations are performed by computer programs.

- Data validation through test reasonableness - summaries of all test results for individual reports are reviewed to determine the overall reasonableness of data and to determine the presence of any data that may be considered outliers.

- Quality control procedures are built into most standardized geotechnical procedures. For example, liquid limit and plastic limit analyses call for re-analyses and specify acceptance criteria.

- Routine instrument calibration - instruments, gauges and equipment used in testing are calibrated on a routine basis. All instrument calibration follows ASTM or manufacturer guidelines.

- Maintenance of all past calibration records - calibration records and certification documents of all instruments, gauges and equipment are updated routinely and maintained in the Quality Control Coordinators Quality/Operations files.

- Certified and trained personnel - all technicians are trained in the application of standard laboratory procedures for geotechnical analyses as well as the quality assurance measures implemented by Shaw.

Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

- Quantitative analyses frequently used in geotechnical/physical testing programs do not use QC tools common to wet chemistry or radiochemistry laboratories. Measures not employed in the analysis of samples reported in this report include: laboratory control samples (LCS), blanks, matrix spikes (MS), duplicate analyses, dilutions, digestions, correction factors, surrogate sample analyses, detection limit determinations, control charts, and/or tentatively identified compounds (TICs).

IV. Data Qualification

A specific gravity value of 2.65 was assumed and used for certain calculations of ancillary supporting data, such as phase relations (degree of saturation, void ratio) reported in some test results. This value is an average of all natural earth materials and could vary markedly from the sample being tested.

Consolidated-undrained triaxial shear tests were performed by recompacting bulk material into test specimens. Density and moisture parameters supplied by the client. Three test specimens were prepared for each sample. The specimens were tested at 20 psi, 40 psi and 60 psi confining pressures.

Cohesion intercepts for this sample were set to "zero" from negative intercepts calculated by the commercial software used to reduce data.

Appendix A
Sample Cross-Reference List

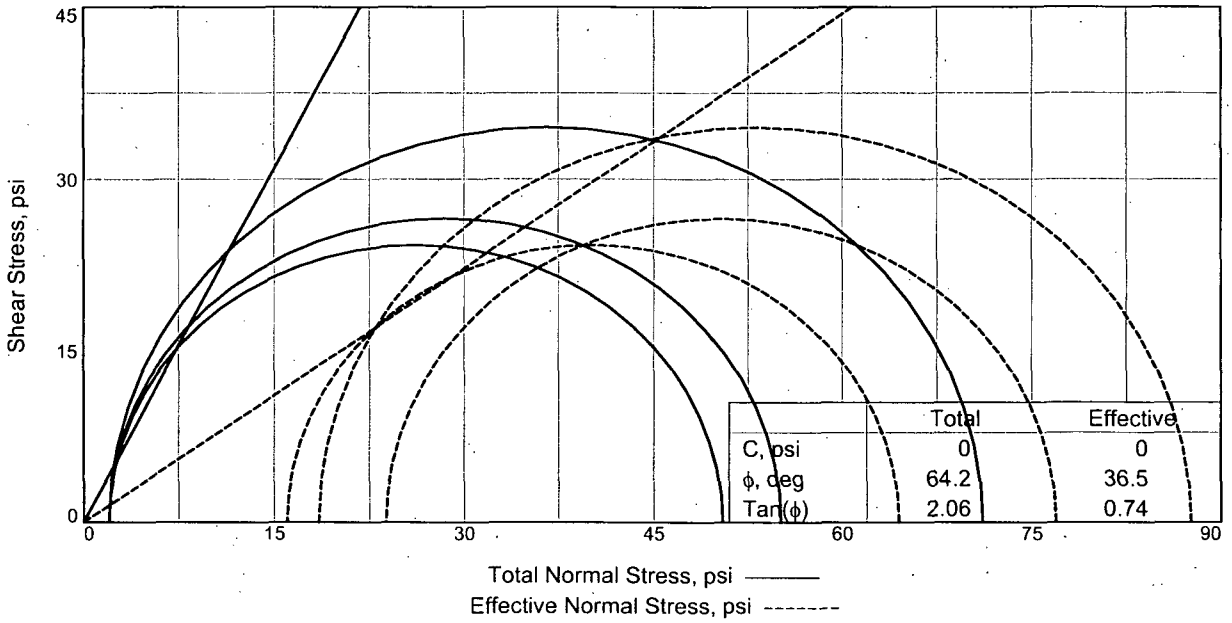
February 15, 2007
Erin Stanley
General Engineering Laboratories
Shaw Project Name: GEL – Moab
Shaw Project No. 109855.01410000

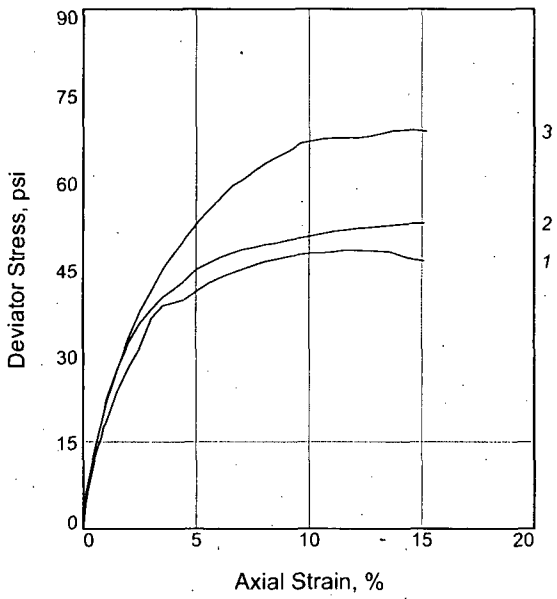
Shaw Geotechnical Laboratory
Oak Ridge TN
(865) 482-6497

SAMPLE NUMBER CROSS-REFERENCE LIST (Cont'd)

LAB SAMPLE NO.	CLIENT SAMPLE NO.	MATRIX
BC0911	GABT-01	Soil
BC0912	GABT-02	Soil
BC0913	GABT-03	Soil
BC0914	GABT-04	Soil
BC0915	GABT-05	Soil
BC0916	GABT-06	Soil
BC0917	GABT-07	Soil
BC0918	GABT-08	Soil
BC0919	GABT-09	Soil
BC0920	GABT-10	Soil
BC0921	GABT-11	Soil
BC0922	GABT-12	Soil
BC0923	GABT-13	Soil
BC0924	GABT-14	Soil

Appendix B
Data Results





Sample No.		1	2	3
Initial	Water Content,	17.8	17.8	17.8
	Dry Density, pcf	88.8	88.9	88.6
	Saturation,	54.8	54.8	54.5
	Void Ratio	0.8622	0.8618	0.8663
	Diameter, in.	2.49	2.49	2.49
	Height, in.	4.99	4.99	5.00
At Test	Water Content,	31.6	31.4	30.1
	Dry Density, pcf	90.1	90.2	92.0
	Saturation,	100.0	100.0	100.0
	Void Ratio	0.8368	0.8332	0.7982
	Diameter, in.	2.48	2.48	2.46
	Height, in.	4.97	4.97	4.93
Strain rate, in./min.		0.01	0.01	0.01
Eff. Cell Pressure, psi		2.0	2.0	2.0
Fail. Stress, psi		48.5	53.1	69.1
Total Pore Pr., psi		4.0	16.2	41.5
Strain, %		11.6	15.1	14.7
Ult. Stress, psi				
Total Pore Pr., psi				
Strain, %				
σ_1 Failure, psi		64.5	76.9	87.6
σ_3 Failure, psi		16.0	23.8	18.5

Type of Test:
CU with Pore Pressures
Sample Type: Recompacted
Description: Sandy SILT

LL= NP **PI=** NP
Assumed Specific Gravity= 2.65
Remarks:

Client: GEL

Project: GEL Moab

Location: GABT-04
Sample Number: BC0914
Proj. No.: 109855 **Date:**

TRIAXIAL SHEAR TEST REPORT

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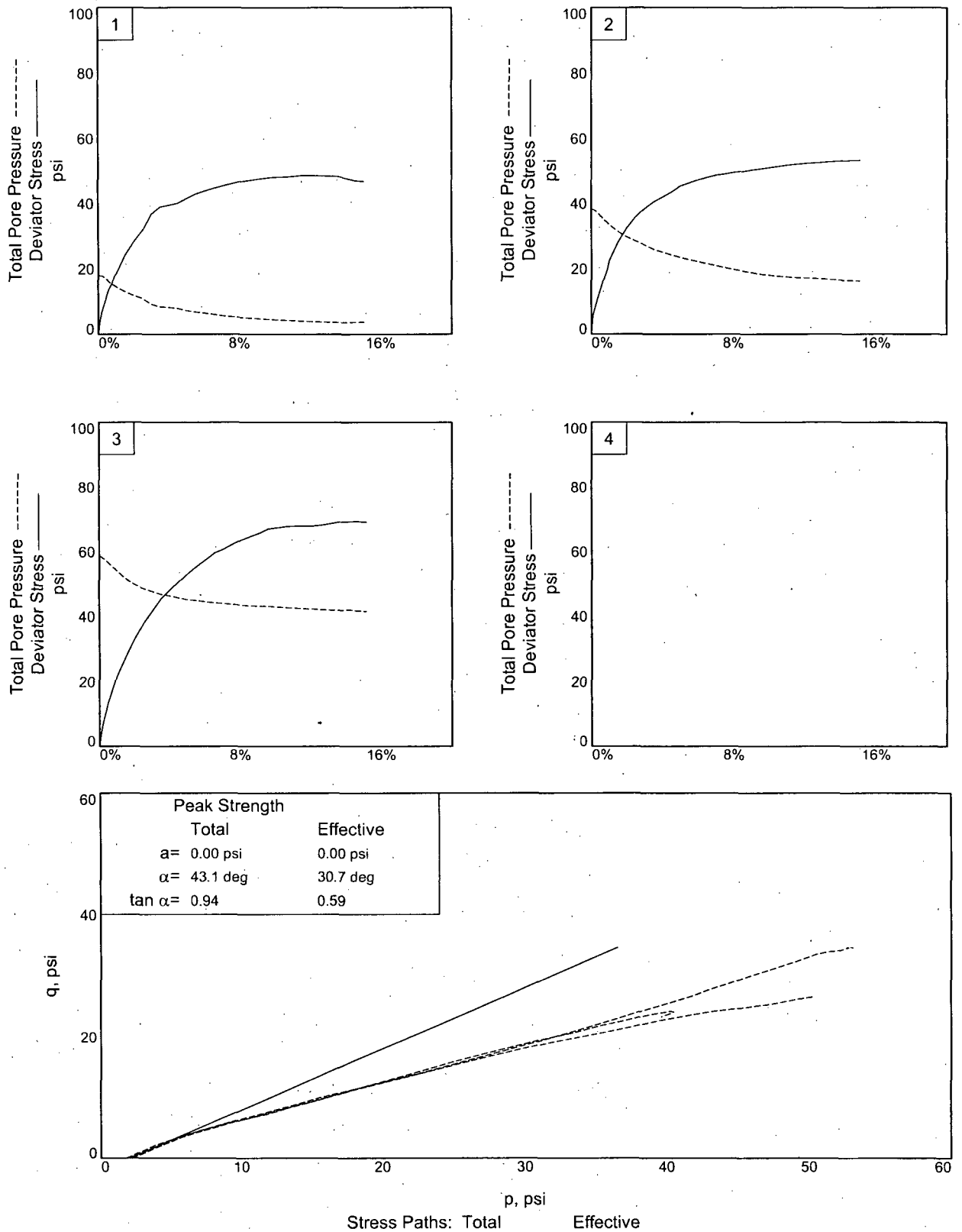
Figure BC0914



Client: GEL
Project: GEL Moab
Location: GABT-04 **Sample Number:** BC0914
Project No.: 109855 **Figure** _____

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Appendix C
Chain of Custody Records

Stoller
Legacy Management Team
Stoller • Battelle • Source One

Chain of Custody / Sample Submittal Form

RIN: 06040352
COC: 06040352.1.1
Sampler(s):

Project: MOAB CHARACTERIZATION
Cost Number: 06-203-4-01-5-2-01
Purchase Order: 24316

Laboratory: General Engineering Laboratories
Address: 2040 Savage Road
Charleston, SC 29407
Phone: 843.556.8171

Ticket	Sample Date	Time	Site	Location	Container	Preservation	Filtered	# Containsers	Analysis
	12/08/2005		MOA01	GABT-01	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-02	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-03	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-04	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-05	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-06	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-07	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-08	BUCKET	None		1	ODC,HC,TSS,CMR,Part Size,At Lim
	12/08/2005		MOA01	GABT-09	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-10	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-11	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-12	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-13	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim
	12/08/2005		MOA01	GABT-14	BAG	None		1	ODC,HC,TSS,CMR,ST,LRT,Part Size,At Lim

ODC: Consolidation (ASTM D2435), HC: Hydraulic Conductivity (ASTM D5084), TSS: CU Triaxial Shear Strengh (ASTM D4767), CMR: Capillary Moisture Relationship (ASTM D2325)
Part Size: Grain Size Distrubution (ASTM D422), At Lim: Atterburg Limits (ASTM D4318), ST: Shake Test (SOG TALGEO0002), LRT: Liquid Release Test (9095A)

Relinquished by (signature)	Date	Time	Relinquished by (signature)	Date	Time
[signature]	5-2-06	0915			
Received by (signature)	**Date**	**Time**	**Received by (signature)**	**Date**	**Time**
Don Hanley SHAW E&I	5-4-06	0830			

Additional Testing Requests

Bench Test Sample No.	Soil Type	Atterberg limits (LL/PL,PI) ASTM D 4318	Grain Size Distribution ASTM D422	Sample Prep	Hydraulic Conductivity using Flexible Wall Permeameter (ASTM D 5084) confining pressure = 20,40,60 psi	CU Triaxial Shear Strength with Pore Pressure Measurement (ASTM D 4767) confining pressure = 20,40,60 psi	Consolidation (ASTM D 2435) confining pressure = 15,30,60 psi	Capillary-Moisture Relationship (ASTM D 2325, D 3152, or D 5298)	Maximum Dry Density (pcf) (Standard Proctor)	Optimum Moisture Content (Standard Proctor)
GABT-01	Cover Soil	X	X	Compact to 85% max, 2% wet of opt	X				117.7	11.9%
GABT-02	Cover Soil	X	X						109.2	13.8%
GABT-03	Sand Tailings	X	X	Compact to 85% of max, 2% wet of opt	X	X			106.3	12.7%
GABT-04	Sand Tailings	X	X	Compact to 85% of max, 2% wet of opt	X	X	X	X	103.9	15.6%
GABT-05	Transition Tailings	X	X	Compact to 90% of max, 2% wet of opt	X	X			113.3	13.1%
GABT-06	Sand Tailings	X	X	Compact to 95% of max, 2% wet of opt			X	X	107.3	14.6%
GABT-07	Transition Tailings	X	X	Compact to 90% of max, 2% wet of opt	X	X			107.3	18.4%
GABT-08	Transition Tailings	X	X	Compact to 90% of max, 2% wet of opt	X	X			112.8	16.0%
GABT-09	Transition Tailings	X	X	Compact to 90% of max, 2% wet of opt	X	X	X	X	102.0	21.1%
GABT-10	Transition Tailings	X	X	Compact to 95% of max, 2% wet of opt			X	X	107.8	18.7%
GABT-11	Slimes Tailings	X	X	Compact to 80% of max, 2% wet of opt			X	X	96.0	27.8%
GABT-12	Slimes Tailings	X	X	Compact to 80% of max, 2% wet of opt	X	X			101.6	22.5%
GABT-13	Slimes Tailings	X	X	Compact to 85% of max, 2% wet of opt			X	X	95.0	28.7%
GABT-14	Slimes Tailings	X	X	Compact to 80% of max, 2% wet of opt	X	X			101.5	20.9%