

**DRAFT
ADDENDUM C-10A
FINAL STATUS SURVEY PLAN
100 WEST HUNTER AVENUE (STEPAN)**

**FUSRAP MAYWOOD SUPERFUND SITE
MAYWOOD, NEW JERSEY**

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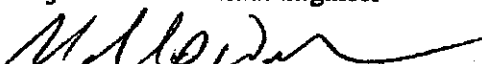
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RECORD OF REVISIONS

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ACRONYMS AND ABBREVIATIONS

CAD	computer-aided-design
DCGL or DCGL _w	Derived Concentration Guideline
DOE	U.S. Department of Energy
DQO	Data Quality Objective
FMSS	FUSRAP Maywood Superfund Site
FSS	Final status survey
ft bgs	feet below ground surface
FUSRAP	Formerly Utilized Sites Remedial Action Program
g	gram
GWS	Gamma walkover scan
LBGR	Lower Bound of the Gray Region
L	Grid spacing
m ²	meters squared or square meters
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MCW	Maywood Chemical Works
MDC _{scan}	Scan Minimum Detectable Concentration
MISS	Maywood Interim Storage Site
pCi	picoCurie
PDI	Pre-Design Investigation
PRAR	Post Remedial Action Report
QA	Quality Assurance
QC	Quality Control
QCSR	Quality Control Summary Report
Ra	Radium
Th	Thorium
U	Uranium
μR	micro Roentgen
USACE	U.S. Army Corps of Engineers
UST	Underground Storage Tank
yr	year

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1.0 INTRODUCTION

The Master Final Status Survey (FSS) Plan (U.S. Army Corps of Engineers [USACE] 2001b) identified the Data Quality Objectives (DQO) for FSS activities, together with underlying technical assumptions, approaches, and methodologies for designing and performing a FSS on each impacted property. This property-specific addendum addresses the FSS design and basis for 100 W. Hunter Ave. (Stepan Company), Maywood, New Jersey. Note that FSS of impacted building interiors will be addressed separately. In addition, the government-owned portion of the 100 W. Hunter Ave. property, identified as the Maywood Interim Storage Site (MISS), is addressed in a separate property specific FSS addendum.

The property contains soil or earth materials with some or all of the following radionuclides, radium-226 (Ra-226), uranium (U), and thorium-232 (Th-232), in quantities in excess of the Formerly Utilized Sites Remedial Action Program (FUSRAP) Maywood Superfund Site (FMSS) unrestricted use cleanup criteria. FSS activities will be performed in accordance with this addendum.

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2.0 PROPERTY DESCRIPTION

The property located at 100 W. Hunter Ave. (Stepan Company) comprises approximately 19 acres. It is located primarily in Block 124, Lot 10 in the Borough of Maywood, except for a small area in the southwest corner that is in Block 17.02, Lot 1 in the Township of Rochelle Park.

The property is bordered by the New York, Susquehanna & Western Railway right-of-way to the north and northeast; several businesses along W. Hunter Ave. to the east, 149-151 Maywood Avenue to the south, and 100 W. Hunter Ave. (MISS) and New Jersey Route 17 to the west.

The property consists of a series of filled areas upon which the operating facility was constructed. The difference in elevation between the highest point (at the north side of the property) and the lowest point (at the south side) is approximately 25 feet. The property is developed with operable buildings, aboveground tank farms, other structures, foundations of former structures, or asphalt paving. Currently, there are 12 numbered buildings on the property comprising office, support, production, warehouse and distribution facilities and four aboveground tank farms (containing from 4 to 12 tanks each). A chain-link fence encloses the property (excluding the main office and parking area). Additionally, a railroad spur transects an undeveloped open area adjacent to the MISS; the spur continues across the MISS.

There are eight existing and former underground storage tanks (USTs) located on the property (four tanks are currently active, one tank is abandoned in place, and three tanks were removed). The approximate locations, status, and contents of the existing and former tanks are presented in the Stepan Company Remedial Investigation.

Chemical production on the property includes esters, lubricants, amides, food ingredients and specialty products.

Three Nuclear Regulatory Commission (NRC) licensed low-level radiological burial sites are located on the property. Burial Pit 1 (approximately 100 feet by 50 feet) is located under the parking lot north of W. Hunter Ave.; Burial Pit 2 (approximately 200 feet by 100 feet) is located along the east-central portion of the Stepan Company property adjacent to the office building on W. Hunter Ave.; and Burial Pit 3 is under Building 8, a large secure building in the southeast corner of the Stepan Company property. The overall area of Burial Pit 3 is not accurately determined.

Between September 20, 1999 and March 2, 2000, NAEVA Geophysics, Inc. conducted geophysical investigations on the FMSS. The purpose of these investigations was to delineate surface traces of detectable underground utilities in the vicinity of Pre-Design Investigation (PDI) geoprobe sites. Details of the surveys are presented in the NAEVA report (NAEVA 2000a)

A supplemental geophysical survey was performed in February/March 2000 to investigate the accessible burial pits (NAEVA, 2000b). This investigation confirmed the existence of metal objects within the limits of Burial Pits 1 and 2. Burial Pit 3 was not investigated due to its inaccessibility.

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3.0 TRANSPORT MECHANISM

The property at 100 W. Hunter Ave. (Stepan Company) is part of the former Maywood Chemical Works (MCW) site.

Radiological contaminants are believed to have been deposited on the property from the storage of radioactive materials on the property by the former MCW, or by possible fill activities during development and construction on the property. The identified contamination is located in the surface and subsurface (USACE 2000).

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4.0 CHARACTERIZATION DATA

Characterization data for 100 W. Hunter Ave. (Stepan Company) is compiled and evaluated in the PDI Calculation (USACE 2000). Relevant soil sampling radionuclide data is plotted on Drawings FSS-10A-A-1 through FSS-10A-A-10.

Regional background and the associated regional soils reference area data set are presented in the *Background Study Investigation Report*, prepared for USACE by Shaw Environmental, Inc. (USACE 2004a).

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5.0 CONSTRUCTION DESIGN

Construction design drawings (USACE 2004b) for the property were developed based on evaluations of the data obtained during the PDI (USACE 2000).

The construction design consists of the removal of contaminated soil, placement of "clean" backfill and restoration of the property to its original condition. The affected soils will be transported by truck to the MISS in Maywood, New Jersey and stockpiled pending removal by rail to an approved off-site permanent disposal facility.

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6.0 PROPERTY SPECIFIC FSS DESIGN

Computer-aided-design (CAD) drawings have been prepared for the property and are included in this addendum.

Drawing FSS-10A-KEY is a property boundary and survey unit boundary designation map, as well as the drawing series legend.

Drawings FSS-10A-A-1 through FSS-10A-A-10 are remedial design posting plots and contain the following information pertinent to FSS design:

- PDI Identified Limits of Contamination;
- Remedial Design Excavation Limit Lines;
- Sample locations that exhibit Ra-226+Th-232 concentrations less than 2x background (< 3.28 pCi/g Ra-226+Th-232);
- Sample locations that exhibit Ra-226+Th-232 concentrations greater than or equal to 2x background (≥ 3.28 pCi/g) and less than the Derived Concentration Guidance Limit (DCGL) (< 5 pCi/g Ra-226+Th-232);
- Sample locations that exhibit Ra-226+Th-232 concentrations greater than or equal to the DCGL (≥ 5 pCi/g Ra-226+Th-232);
- Depth of maximum Ra-226+Th-232 concentrations in feet below ground surface (bgs);
- Depth of the deepest sample that exhibits Ra-226+Th-232 concentrations greater than or equal to 2x background (≥ 3.28 pCi/g) and less than the DCGL (< 5 pCi/g);
- Depth of the deepest sample that exhibits Ra-226+Th-232 concentrations greater than or equal to the DCGL (≥ 5 pCi/g Ra-226+Th-232);
- The number and initially assumed layout of each type of MARSSIM classified survey units (i.e., Class 1, Class 2, and/or Class 3) for the property. Note that these survey unit classifications and layout may be adjusted later based on field measurement results.

Drawings FSS-10A-B-1 through FSS-10A-B-44 provide preliminary measurement locations on a triangular grid spacing pattern with a randomly generated start point. Note that in some instances the survey unit boundary for Class 1 areas may exceed the identified limits of excavation. This is acceptable given that the FSS approach addresses the residual radioactivity present over an entire property rather than being limited to the boundaries of an excavation.

6.1 SURVEY AND CONSTRUCTION SCHEDULE

Given the nature of remediation in active commercial and residential areas, FSS may be implemented at any time during the remediation process provided FSS areas are adequately protected to limit the potential for cross-contamination. After remediation, areas subject to FSS will be protected from potential cross-contamination through the use of engineering controls (e.g., silt fencing, hay bales, postings, fabric coverings, etc.) and limiting access.

Initial surface sampling in excavations will be performed post excavation but prior to returning fill material to the excavated area. Initial surface sampling includes the area of excavation (between the tops of the excavation slopes) and will account for fugitive transport to the unexcavated areas during

excavation. However, it is expected and understood that property-specific conditions may require that portions of survey units be surveyed and sampled prior to completion of remediation in the entire survey unit. Examples of conditions that require "partial backfill" include, but are not limited to, excavation safety, traffic pattern restoration, surface water and ground water control, and maintenance of municipal utilities. Should subsequent data evaluations require additional sampling in backfilled areas, subsurface sampling methods will be utilized.

Gamma walkover scan (GWS) surveys will be performed to cover 100% of accessible survey unit areas, as they become available for FSS. GWS surveys will be performed in excavations prior to depositing clean backfill. GWS surveys include all remediated surfaces within an excavation, including sidewalls and slopes, and all unexcavated ground surfaces within survey unit boundaries.

Survey units with final dimension less than or equal to 100 square meters (m^2) will be surveyed by GWS and bias sampling. A minimum of two bias samples will be collected from the excavation and will be compared directly to the clean-up criteria (including average background) to ensure the remedial objectives have been achieved.

A minimum of one bias sample will be collected from the location of highest GWS measurement within the survey unit. Additional bias measurements to support the potential application of the elevated measurement comparison may be collected at the discretion of USACE.

Scan Minimum Detectable Concentration (MDC_{scan}) values have been established for instruments used to perform GWS (USACE 2001). Based on the *a priori* MDC_{scan} evaluation, no additional soil samples are required to be collected.

If during the course of FSS, results indicate residual contamination levels that are likely to negatively impact the release of the survey unit, additional remediation may be performed at the discretion of USACE. Discrete areas where additional remediation is performed will be subject to additional GWS surveying, repeated systematic sampling using the existing triangular grid, and/or bias sampling. Subsequent FSS calculations will use the most current available GWS and sample analysis data to determine if the DQOs have been achieved.

As FSS is implemented and areas have been shown to meet the applicable cleanup criteria, the excavation(s) will be backfilled and the property restored for use by the owner.

FSS soil samples will be analyzed by gamma spectrometry in a New Jersey certified laboratory to determine soil concentrations. Alpha spectrometry may be used to supplement, or in lieu of gamma spectrometry, at the discretion of the USACE.

6.2 FMSS CLEANUP CRITERIA

Cleanup criteria are presented in detail in Section 3.1 of the Master FSS Plan. For the purposes of initial FSS design, DCGLs are established based upon the accepted cleanup criteria. As a conservative approach, initial FSS design DCGL values exclude the background component of the FMSS Cleanup Criteria.

This FSS will be conducted in such a manner as to demonstrate that the *restricted use* cleanup criteria have been achieved for the entire property. Given the contaminant activity concentrations and vertical extent of known contaminated areas, it is possible that remediation to the *restricted use* criteria will result in areas meeting the *unrestricted use* criteria. USACE will continually review survey unit data in an effort to assess this potential. Where reasonable, data evaluations of previously surveyed areas would

then be conducted to determine if sufficient data was collected to demonstrate compliance with the *unrestricted use* criteria. At the discretion of USACE, areas of the property may be remediated further and surveyed to meet the *unrestricted use* criteria.

6.3 DATA QUALITY OBJECTIVES

DQOs for the FSS are presented in detail in Section 2.0 of the Master FSS Plan. The number of samples and the FSS analytical data are required to demonstrate compliance with the FMSS restricted use cleanup criteria at a 95 % confidence level.

6.4 DATA MANAGEMENT AND REPORTING

Data management and reporting will be performed in accordance with Section 5.5 of the Master FSS Plan. Data management requirements will apply to both field and laboratory data. This will result in a comprehensive data package suitable to demonstrate that the applicable cleanup criteria have been achieved to the specified level of confidence.

In accordance with Section 4.0 of the Master FSS Plan, significant deviations from this FSS design will be documented on as-built drawings and provided to appropriate regulatory agencies for discussion, as necessary.

6.5 QUALITY ASSURANCE AND QUALITY CONTROL

The quality assurance (QA) and quality control (QC) procedures described in the Section 6.0 of the Master FSS Plan will be met at all times during the property FSS. A Quality Control Summary Report (QCSR) will be prepared for each property FSS. The QCSR will include a review and evaluation of all QA and QC practices and results that affect the quality and reliability of the determinations resulting from the FSS.

6.6 PROPERTY CLASSIFICATION

Section 3.3 of the Master FSS Plan provides suggested survey unit areas. Based on the survey unit classification requirements in Section 3.3 of the Master FSS Plan, 44 survey units are identified in Table 6-1. Areas currently identified as inaccessible are not included in the preliminary survey unit designs. If areas currently identified as inaccessible become available for remediation, they will be incorporated into existing survey unit designs, or be identified as separate survey units. As-built survey unit layouts for Class 1 areas will be limited, to the extent practicable, to areas of remedial excavation.

Table 6-1
Survey Unit Classifications

Survey Unit Classification	Survey Unit Identification	Survey Unit Area (m ²)
Class 1	10A-1	1,315
Class 1	10A-2	1,798
Class 1	10A-3	1,336
Class 1	10A-4	1,878
Class 1	10A-5	1,680
Class 1	10A-6	1,471
Class 1	10A-7	1,497
Class 1	10A-8	1,812

**Table 6-1
 Survey Unit Classifications**

Survey Unit Classification	Survey Unit Identification	Survey Unit Area (m ²)
Class 1	10A-9	1,610
Class 1	10A-10	1,946
Class 1	10A-11	1,908
Class 1	10A-12	1,992
Class 1	10A-13	1,925
Class 1	10A-14	1,924
Class 1	10A-15	1,910
Class 1	10A-16	1,910
Class 1	10A-17	1,805
Class 1	10A-18	1,759
Class 1	10A-19	1,600
Class 1	10A-20	1,996
Class 1	10A-21	1,895
Class 1	10A-22	1,594
Class 1	10A-23	1,278
Class 1	10A-24	1,563
Class 1	10A-25	1,262
Class 1	10A-26	1,889
Class 1	10A-27	983
Class 1	10A-28	1,561
Class 1	10A-29	1,280
Class 1	10A-30	1,765
Class 1	10A-31	1,345
Class 1	10A-32	1,498
Class 1	10A-33	1,982
Class 1	10A-34	1,613
Class 1	10A-35	1,731
Class 1	10A-36	1,849
Class 1	10A-37	1,517
Class 1	10A-38	1,679
Class 1	10A-39	1,660
Class 1	10A-40	370
Class 1	10A-41	346

6.7 CONSIDERATION FOR DISCRETE SURVEY UNITS ($\leq 100 \text{ M}^2$)

Considerations for discrete survey units smaller than 100 m^2 are not currently anticipated for this property. However, if established, survey units with final dimension less than or equal to 100 m^2 will be surveyed by GWS and bias sampling. A minimum of two bias samples will be collected from each excavation and will be compared directly to the clean-up criteria (including average background) to ensure the remedial objectives have been achieved.

6.8 NUMBER OF DISCRETE SAMPLE LOCATIONS

Based on the frequency of discrete samples requirements in Section 4.4.1 of the Master FSS Plan, the number of discrete sample locations for the individual survey units at the property is derived in Tables 6-2A and 6-2B under the following conditions:

- Given the suspected contaminant transport mechanisms, the relative distribution of contaminants, the dispersion of available historical data points on the property, and the likelihood that survey unit areas will change as remediation is performed on the property, sampling frequencies for each survey unit are based on a single dataset of available property data most likely to represent the residual contamination in the survey units after property remediation. The relative property size and number of survey units increases the potential spatial variability in residual radionuclide concentrations. To account for this, the calculated initial standard deviation is multiplied by a factor of 1.75, rather than the Master FSS Plan specified factor of 1.5. This increased level of conservatism will ensure that sufficient statistical power exists for the tests, as specified in the Master FSS Plan, Section 3.4.1. The calculated relative shift will be applied to each preliminary survey unit design included in this addendum.
- Historical data is presented in Table 6-6 with an additional footnote indicating data points used in survey unit relative shift calculations. Sample locations, and associated depths, are selected by the professional judgment of the Project Health Physicist. Sample selection is primarily based on their likelihood to represent the residual radioactivity concentration on the property after remediation is complete.
- In lieu of the calculation of the probability function, the number of locations is determined by comparing the relative shift to the next lowest relative shift value presented in Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) Table 5.3. Note that alpha (α) and beta (β) errors remain unchanged at 0.05 and MARSSIM Table 5.3 values include an additional 20% for lost or unusable data.
- Prior to FSS, individual survey unit designs may be recalculated using available remedial support sample results.
- The planned number of discrete sample locations will be set based on the criterion that results in the largest number of required discrete sample locations, typically the Ra-226 + Th-232 cleanup criteria.
- The relative shift will be recalculated post-FSS to ensure the data is of sufficient quantity and quality. As stated in the Master FSS Plan, after analytical results from the FSS are received, the number of samples required will be re-calculated using statistics derived from the survey unit sample analysis results. Additional samples may be collected randomly, as necessary.

Table 6-2A
Estimated Number of Discrete Sample Locations For All Survey Units
Based on Ra-226+Th-232 Criterion

Parameter	Value
DCGL _w (median derived concentration guideline level including background)	15 pCi/g
LBGR (lower bound of gray region)	7.5 pCi/g
Shift Δ (DCGL _w -LBGR)	7.5 pCi/g
Estimated Standard Deviation σ (1.75 x σ from PDI sample results, per Master FSS Plan)	3.94 pCi/g
Relative Shift (Δ/σ)	1.93
Next Lowest Relative Shift Value (From MARSSIM Table 5.3, using the relative shift above)	1.9
Estimated Minimum Number of Discrete Sample Locations (From MARSSIM Table 5.3, inc. 20% for lost or unusable data)	13

Table 6-2B
Estimated Number of Discrete Sample Locations For All Survey Units
Based on Total Uranium Criterion (in terms of U-238)

Parameter	Value
DCGL _w (median derived concentration guideline level including background)	49 pCi/g
LBGR (lower bound of gray region)	24.5 pCi/g
Shift Δ (DCGL _w -LBGR)	24.5 pCi/g
Estimated Standard Deviation σ (1.75 x σ from PDI sample results, per Master FSS Plan)	5.59 pCi/g
Relative Shift (Δ/σ)	4.38
Next Lowest Relative Shift Value (From MARSSIM Table 5.3, using the relative shift above) (In this case, a conservative maximum value of three [3] is used)	3
Estimated Minimum Number of Discrete Sample Locations (From MARSSIM Table 5.3, inc. 20% for lost or unusable data)	10

The Ra-226+Th-232 estimated minimum number of discrete sample locations per survey unit is 13 and the estimated minimum number of discrete sample locations per survey unit for total uranium is 10, therefore, the minimum number of discrete sample locations per survey unit is based on the Ra-226+Th-232 criterion and is set at 13.

6.9 GRID SPACING

Based on the location requirements in Section 4.4.3 of the Master FSS Plan (from Equation 5.7 of MARSSIM), the triangular grid spacing (L) is determined for each property survey unit exceeding 100 m² in size. Drawings FSS-10A-B-1 through FSS-10A-B-44 provide preliminary systematic measurement locations on a triangular grid spacing pattern with a randomly generated start point. Table 6-3 summarizes the relevant information from the FSS design drawings. When following the triangular grid spacing pattern, more data points may become available than the estimated number. In these instances, the observed number of sample locations is followed.

Table 6-3
Sample Location Grid Spacing

Survey Unit Identification	Estimated # of Sample Locations	Observed # of Sample Locations	Survey Unit Area (m ²)	Grid Spacing L (m)	Grid Area (m ²)
10A-1	13	13	1,315	9.3	101
10A-2	13	13	1,798	10.9	137
10A-3	13	13	1,336	9.3	101
10A-4	13	13	1,878	11.1	144
10A-5	13	13	1,680	10.5	129
10A-6	13	13	1,471	9.8	113
10A-7	13	14	1,497	9.9	115
10A-8	13	14	1,812	10.9	137
10A-9	13	13	1,610	10.3	123
10A-10	13	16	1,946	11.3	149
10A-11	13	13	1,908	11.2	146
10A-12	13	14	1,992	11.5	153
10A-13	13	15	1,925	11.2	146
10A-14	13	13	1,924	11.2	146
10A-15	13	13	1,910	11.2	146
10A-16	13	14	1,910	11.2	146
10A-17	13	15	1,805	10.9	137
10A-18	13	13	1,759	10.7	133
10A-19	13	14	1,600	10.3	123
10A-20	13	13	1,996	11.5	153
10A-21	13	13	1,895	11.1	144
10A-22	13	14	1,594	10.2	121
10A-23	13	15	1,278	9.1	97
10A-24	13	16	1,563	10.1	119
10A-25	13	13	1,262	9	95
10A-26	13	13	1,889	11.1	144
10A-27	13	13	983	8	75
10A-28	13	13	1,561	10.1	119
10A-29	13	13	1,280	9.1	97
10A-30	13	16	1,765	10.8	135
10A-31	13	14	1,345	9.4	103
10A-32	13	13	1,498	9.9	115

Table 6-3
Sample Location Grid Spacing

Survey Unit Identification	Estimated # of Sample Locations	Observed # of Sample Locations	Survey Unit Area (m ²)	Grid Spacing L (m)	Grid Area (m ²)
10A-33	13	14	1,982	11.4	151
10A-34	13	14	1,613	10.3	123
10A-35	13	13	1,731	10.6	131
10A-36	13	13	1,849	11	142
10A-37	13	13	1,517	10	117
10A-38	13	14	1,679	10.5	129
10A-39	13	16	1,660	10.4	127
10A-40	13	13	370	4.9	28
10A-41	13	15	346	4.7	26

6.10 SUBSURFACE SAMPLING

Based on the sampling requirements in Section 5.4.2 of the Master FSS Plan, subsurface sampling will be performed in survey unit areas outside of the remedial excavation, including areas between the top and toe of engineered excavation side slopes. Excavation side-slopes where remediation was performed are treated as part of the remedial excavation and are subject to surface sampling only.

Subsurface sampling consists of a minimum of two samples. One sample collected at the depth where the maximum gross gamma measurement, established by down-hole gamma logging, is observed. The second sample is collected from the depth corresponding to deepest elevation of remedial excavation in other portions of the property or one foot beyond the apparent fill depth based on whichever is encountered first, i.e., the highest elevation. For engineered excavation side slopes, samples will not be collected from freshly placed backfill material.

Past project experience has indicated that excavations tend to expand beyond the designed boundary as more complete remedial support sampling data becomes available. Expansion of the survey unit will result in more excavation surface samples being collected and less subsurface samples.

Table 6-4 presents a summary of the estimated number subsurface sampling locations for each survey unit. These values may change, if the remedial excavation increases. Table 6-5 presents a summary of total number of samples to be collected at the property.

Table 6-4
Subsurface Sampling

Survey Unit Identification	# of Subsurface Sample Locations within Each Survey Unit	# of Subsurface Samples at each Sampling Location	Deepest Sample Depth (feet below ground surface)*
10A-1	12	2	16
10A-2	3		
10A-3	11		
10A-4	10		
10A-5	9		
10A-6	4		

**Table 6-4
 Subsurface Sampling**

Survey Unit Identification	# of Subsurface Sample Locations within Each Survey Unit	# of Subsurface Samples at each Sampling Location	Deepest Sample Depth (feet below ground surface)*
10A-7	7	2	16
10A-8	14		
10A-9	8		
10A-10	1		
10A-11	5		
10A-12	0		
10A-13	2		
10A-14	7		
10A-15	4		
10A-16	1		
10A-17	3		
10A-18	7		
10A-19	5		
10A-20	4		
10A-21	1		
10A-22	13		
10A-23	15		
10A-24	16		
10A-25	2		
10A-26	3		
10A-27	4		
10A-28	4		
10A-29	9		
10A-30	10		
10A-31	12		
10A-32	4		
10A-33	6		
10A-34	5		
10A-35	7		
10A-36	6		
10A-37	11		
10A-38	11		
10A-39	0		
10A-40	10		
10A-41	1		

* This value represents the deepest remedial design excavation depth for the property and may be modified during field implementation based upon the as-found depth of fill, and/or if the excavation depth changes.

Table 6-5
Sampling Summary

Sample Type	Total # of Samples	Field Replicate Samples (10%)	Confirmatory Samples (10%)
Surface	563	57	57
Subsurface (at grid points outside the excavated areas)	534	54	54

Table 6-6
Sample Data
 (data includes background)

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	10A-001	752076.2	2164328.4	1	2.88	8.61	17.30	11.48
10a	10A-001	752076.2	2164328.4	2	1.07	1.70	7.11	2.77
10a	10A-002	752134.2	2164323.3	1.5	3.32	14.96	20.00	18.28
10a	10A-002	752134.2	2164323.3	2.5	0.75	0.83	5.94	1.58
10a	10A-003	752187.4	2164345.5	1.5*	1.50	2.85	10.60	4.35
10a	10A-003	752187.4	2164345.5	5	0.88	1.43	8.79	2.31
10a	10A-004	752539.6	2164560.3	2*	2.83	6.78	11.50	9.61
10a	10A-004	752539.6	2164560.3	3	1.09	1.08	8.29	2.17
10a	10A-005	752494.4	2164570.4	2.5*	2.78	3.17	9.20	5.95
10a	10A-005	752494.4	2164570.4	3	1.62	1.64	10.60	3.25
10a	10A-006	752441.5	2164521.3	2.5*	3.00	3.43	10.20	6.44
10a	10A-006	752441.5	2164521.3	5	1.20	1.25	9.19	2.45
10a	10A-007	752472.2	2164701.8	0.5	1.44	2.90	9.46	4.33
10a	10A-007	752472.2	2164701.8	4.5*	2.59	2.54	10.50	5.13
10a	10A-007	752472.2	2164701.8	8.5	0.80	1.01	7.67	1.80
10a	10A-008	752408.1	2164548.9	2.5*	2.81	8.69	13.60	11.51
10a	10A-008	752408.1	2164548.9	4.5	0.81	0.95	5.77	1.76
10a	10A-009	752417.6	2164664.9	1.5	1.71	2.41	10.70	4.12
10a	10A-009	752417.6	2164664.9	3*	1.78	1.75	11.40	3.53
10a	10A-011	752435.8	2164782.2	1.5*	3.45	3.53	4.22	6.97
10a	10A-011	752435.8	2164782.2	4.5	1.01	1.23	8.58	2.24
10a	10A-013	752459.6	2165041.0	0.5	9.99	19.00	14.60	28.99
10a	10A-013	752459.6	2165041.0	5*	0.65	1.20	5.94	1.85
10a	10A-014	752308.4	2164971.7	0.5	8.41	21.85	22.70	30.25
10a	10A-014	752308.4	2164971.7	2.5*	0.89	1.09	6.24	1.97
10a	10A-015	751846.0	2164744.0	2.5*	0.94	2.30	7.00	3.25
10a	10A-016	751874.7	2164705.5	6	1.03	1.32	9.36	2.35
10a	10A-016	751874.7	2164705.5	15.5*	0.92	1.36	7.37	2.28
10a	10A-017	751945.6	2164761.9	8.5	6.92	60.32	32.29	67.24
10a	10A-017	751945.6	2164761.9	9.5*	0.39	0.81	4.92	1.20
10a	10A-018	751867.8	2164761.6	6	0.41	0.47	6.24	0.89
10a	10A-018	751867.8	2164761.6	9.5*	0.50	0.54	4.33	1.04
10a	10A-019	751844.8	2164796.2	5.5	0.70	0.93	5.39	1.62
10a	10A-019	751844.8	2164796.2	9.5*	1.60	3.81	13.30	5.41
10a	10A-020	751959.2	2164704.8	4.5	1.80	6.72	10.40	8.53
10a	10A-020	751959.2	2164704.8	6*	0.89	1.06	8.82	1.94
10a	10A-021	751913.0	2164689.6	2	42.51	127.45	46.60	169.96
10a	10A-021	751913.0	2164689.6	6.5*	0.68	0.99	8.08	1.67

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	10A-022	751996.5	2164671.5	4.5	7.38	128.81	39.60	136.19
10a	10A-022	751996.5	2164671.5	6.5*	0.93	1.44	9.35	2.37
10a	10A-023	751794.5	2164802.7	5	0.70	0.69	6.88	1.39
10a	10A-023	751794.5	2164802.7	6.5*	2.45	4.11	10.70	6.55
10a	10A-024	751753.4	2164849.3	3	1.49	4.13	11.30	5.61
10a	10A-024	751753.4	2164849.3	6*	0.75	0.85	5.24	1.60
10a	10A-025	752011.3	2164792.1	2.5*	2.72	2.97	12.80	5.68
10a	10A-025	752011.3	2164792.2	4.5	0.84	1.09	7.95	1.94
10a	10A-026	751949.8	2164625.5	2	4.15	10.77	16.70	14.92
10a	10A-026	751949.8	2164625.5	5	0.93	1.32	6.45	2.25
10a	10A-027	751966.3	2164583.6	4.5	27.37	77.12	35.70	104.49
10a	10A-027	751966.3	2164583.6	6.5*	0.77	1.71	9.54	2.47
10a	10A-028	752019.8	2164721.9	2	3.97	11.15	19.60	15.12
10a	10A-028	752019.8	2164721.9	3	2.91	2.68	10.70	5.59
10a	10A-029	751999.1	2164589.6	2	4.63	11.73	21.20	16.36
10a	10A-029	751999.1	2164589.6	3	0.84	1.47	6.52	2.31
10a	10A-029	751999.1	2164589.6	7*	0.76	7.53	13.70	8.29
10a	10A-029	751999.1	2164589.6	8.5	0.84	2.90	7.04	3.75
10a	10A-030	752042.6	2164746.2	5*	2.04	4.95	12.50	6.99
10a	10A-030	752042.6	2164746.2	9.5	1.10	1.97	6.57	3.07
10a	10A-031	752094.3	2164738.8	1*	2.78	4.21	10.20	7.00
10a	10A-031	752094.3	2164738.8	5	1.19	1.11	8.64	2.30
10a	10A-032	752033.3	2164674.0	2	1.98	4.31	9.12	6.29
10a	10A-032	752033.3	2164674.0	4.5*	0.97	1.58	8.90	2.55
10a	10A-033	752098.5	2164641.9	0.5	1.61	3.52	7.73	5.13
10a	10A-033	752098.5	2164641.9	2*	0.69	0.80	5.51	1.50
10a	10A-034	752115.9	2164782.7	3	1.24	1.51	8.73	2.75
10a	10A-034	752115.9	2164782.7	4.5*	1.67	2.42	9.85	4.10
10a	10A-035	752204.2	2164493.9	2.5*	1.18	1.55	9.39	2.73
10a	10A-035	752204.2	2164493.9	4.5	0.79	0.89	6.72	1.68
10a	10A-036	752059.8	2164803.0	2	126.98	1058.82	158.00	1185.80
10a	10A-036	752059.8	2164803.0	6.5*	0.45	0.61	4.70	1.06
10a	10A-037	752050.7	2164457.4	6*	1.30	2.06	8.20	3.37
10a	10A-037	752050.7	2164457.4	9.5	0.86	1.00	8.80	1.86
10a	10A-038	752099.3	2164836.4	2	1.56	3.58	7.33	5.14
10a	10A-038	752099.3	2164836.4	4.5*	0.96	1.40	7.97	2.36
10a	10A-038	752099.3	2164836.4	7	0.90	1.18	8.72	2.08
10a	10A-039	752147.1	2164918.1	1.5	2.03	7.30	10.20	9.33
10a	10A-039	752147.1	2164918.1	2	0.68	1.02	7.51	1.70
10a	10A-039	752147.1	2164918.1	3.5*	0.45	0.80	4.89	1.25
10a	10A-040	752116.1	2164897.3	1.5	2.97	8.82	2.69	11.79
10a	10A-040	752116.1	2164897.3	2.5*	0.84	1.96	6.60	2.80

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	10A-041	752112.2	2165095.4	1.5*	1.04	1.35	9.27	2.39
10a	10A-041	752112.2	2165095.4	3	0.77	1.03	5.73	1.80
10a	10A-042	752110.5	2165040.6	1*	0.98	1.96	11.10	2.94
10a	10A-042	752110.5	2165040.6	2	0.83	1.19	5.92	2.02
10a	10A-043	752179.3	2164970.6	2	2.06	5.45	13.80	7.51
10a	10A-043	752179.3	2164970.6	4.5*	1.04	1.75	6.69	2.79
10a	10A-044	752244.3	2165022.6	0.5	1.45	2.29	9.12	3.73
10a	10A-044	752244.3	2165022.6	1.5	0.92	0.99	5.11	1.91
10a	10A-045	752228.3	2164903.3	2*	2.03	3.49	8.35	5.52
10a	10A-045	752228.3	2164903.3	4.5	0.81	1.72	10.80	2.53
10a	10A-046	752355.2	2164953.4	0.5	1.77	8.63	9.81	10.40
10a	10A-046	752355.2	2164953.4	1.5*	0.80	1.36	8.27	2.17
10a	10A-047	751770.8	2165449.2	2*	0.77	1.10	5.22	1.87
10a	10A-047	751770.8	2165449.2	3	0.74	1.05	7.90	1.78
10a	10A-048	751783.8	2165431.5	2	0.64	1.02	5.18	1.66
10a	10A-048	751783.8	2165431.5	3*	0.94	1.22	8.43	2.16
10a	10A-049	751815.4	2165316.6	2.5*	1.04	1.28	8.39	2.33
10a	10A-050	751841.0	2165339.2	1	1.64	3.14	7.38	4.78
10a	10A-050	751841.0	2165339.2	2*	0.83	1.23	8.23	2.06
10a	10A-051	751830.9	2165258.3	1.5*	1.18	1.28	6.21	2.46
10a	10A-051	751830.9	2165258.3	2.5	0.73	1.15	8.24	1.88
10a	10A-051	751830.9	2165258.3	4.5	0.67	0.76	4.56	1.43
10a	10A-052	751714.3	2164912.1	4.5*	3.70	10.40	14.60	14.10
10a	10A-052	751714.3	2164912.1	5.5	1.05	1.28	10.20	2.33
10a	10A-053	751670.8	2164963.7	3	8.59	22.35	17.70	30.94
10a	10A-053	751670.8	2164963.7	4.5*	1.75	4.21	9.00	5.96
10a	10A-054	751678.6	2165035.9	2*	0.85	1.72	8.66	2.57
10a	10A-054	751678.6	2165035.9	3.5	0.60	1.05	6.67	1.65
10a	10A-055	751754.7	2165287.4	1	0.43	1.40	6.48	1.82
10a	10A-055	751754.7	2165287.4	2*	0.89	1.10	5.42	1.99
10a	10A-056	751884.7	2165106.7	2.5*	0.38	0.64	4.65	1.02
10a	10A-057	752177.0	2164670.4	3*	0.83	1.29	9.41	2.12
10a	10A-057	752177.0	2164670.3	5	0.83	1.09	6.12	1.92
10a	10A-058	752164.7	2164711.3	0.5	14.29	102.53	46.20	116.82
10a	10A-058	752164.7	2164711.3	5	1.66	2.42	10.50	4.08
10a	10A-059	752195.1	2164803.8	2*	0.90	1.02	7.65	1.92
10a	10A-059	752195.1	2164803.8	4.5	0.71	0.81	5.59	1.52
10a	10A-060	752212.1	2165117.7	1	1.96	3.26	12.20	5.23
10a	10A-060	752212.1	2165117.7	2*	0.81	0.96	5.38	1.77
10a	10A-061	752173.8	2165177.1	1*	0.79	1.05	7.79	1.84
10a	10A-061	752173.8	2165177.1	2	0.63	0.88	5.09	1.51
10a	10A-062	752244.3	2165414.0	0.5	1.80	7.51	12.80	9.31

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	10A-062	752244.3	2165414.0	1	0.93	1.36	8.83	2.29
10a	10A-063	752456.5	2165087.0	0.5	5.98	33.00	20.00	38.98
10a	10A-063	752456.5	2165087.0	2	0.60	0.75	6.89	1.34
10a	10A-064	752027.3	2164187.1	0.5	1.91	4.64	9.63	6.55
10a	10A-064	752027.3	2164187.1	2*	0.77	1.18	8.65	1.95
10a	10A-065	751954.1	2164188.5	0.5	1.26	5.18	10.30	6.44
10a	10A-065	751954.1	2164188.5	2*	0.74	0.95	8.38	1.68
10a	10A-066	751995.8	2164220.7	0.5	2.36	6.68	18.10	9.04
10a	10A-066	751995.8	2164220.7	5*	1.07	1.77	6.72	2.84
10a	10A-067	752047.1	2164247.8	1	1.24	2.41	9.81	3.65
10a	10A-067	752047.1	2164247.8	3*	0.67	1.23	6.35	1.91
10a	10A-068	751988.1	2164288.1	2.5	1.11	2.68	7.01	3.79
10a	10A-069	752027.6	2164307.4	0.5	3.63	12.58	21.50	16.20
10a	10A-069	752027.6	2164307.4	1.5*	0.55	0.66	5.27	1.21
10a	10A-070	752400.7	2164613.9	0.5	12.54	51.92	33.30	64.47
10a	10A-070	752400.7	2164613.9	2	0.93	1.21	5.50	2.14
10a	10A-071	752370.9	2164618.8	1.5*	2.09	4.60	11.90	6.69
10a	10A-071	752370.9	2164618.8	2	1.14	1.45	6.48	2.59
10a	10A-072	752354.2	2164549.7	1*	1.64	2.45	13.00	4.09
10a	10A-073	752316.2	2164561.3	1*	1.78	1.83	7.61	3.61
10a	10A-073	752316.2	2164561.3	2	1.21	1.43	11.00	2.63
10a	10A-074	752600.1	2164510.8	1*	1.31	4.01	11.70	5.32
10a	10A-074	752600.1	2164510.8	2	2.15	2.25	9.46	4.40
10a	10A-075	752550.7	2164514.1	1.5*	2.70	3.74	13.90	6.43
10a	10A-075	752550.7	2164514.1	4.5	0.94	1.19	6.07	2.13
10a	10A-076	752561.1	2164432.6	2	2.86	3.02	12.80	5.89
10a	10A-076	752561.1	2164432.6	4.5*	2.13	2.26	9.15	4.39
10a	10A-077	752516.6	2164402.5	1.5	4.12	4.16	16.80	8.27
10a	10A-077	752516.6	2164402.5	4.5*	2.33	2.57	13.00	4.90
10a	10A-078	752436.0	2164732.8	1.5	3.47	3.31	9.62	6.78
10a	10A-078	752436.0	2164732.8	2	2.16	1.01	12.00	3.18
10a	10A-079	752361.4	2164903.5	0.5	5.57	13.52	13.90	19.09
10a	10A-079	752361.4	2164903.5	4.5*	0.98	1.30	8.51	2.28
10a	10A-080	752323.5	2165047.2	0.5	3.74	15.29	16.60	19.03
10a	10A-080	752323.5	2165047.2	2.5*	0.50	0.76	6.55	1.26
10a	10A-081	752333.8	2164862.1	1.5	2.64	6.60	10.60	9.24
10a	10A-081	752333.9	2164862.1	4.5*	1.26	2.35	10.10	3.61
10a	10A-082	752161.3	2164859.9	1*	2.82	9.50	12.20	12.32
10a	10A-082	752161.3	2164859.9	2.5	2.88	4.37	14.20	7.25
10a	10A-083	752096.4	2164946.1	1.5*	1.25	1.79	7.47	3.05
10a	10A-083	752096.4	2164946.0	2	0.90	1.09	7.65	1.99
10a	10A-084	752010.5	2164352.7	1.5	3.62	10.40	14.70	14.02

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 + Th-232 (pCi/g)
10a	10A-084	752010.5	2164352.7	2	0.64	1.13	7.86	1.78
10a	10A-084	752010.5	2164352.7	4.5*	0.67	0.98	5.33	1.65
10a	10A-085	752111.0	2164413.2	2.5*	2.87	3.02	10.20	5.89
10a	10A-085	752111.0	2164413.1	3	1.57	1.77	10.80	3.35
10a	10A-086	752050.5	2164612.3	2	1.30	2.05	7.09	3.35
10a	10A-086	752050.5	2164612.3	4.5*	1.05	1.70	9.43	2.75
10a	10A-087	752297.7	2165446.9	0.5*	1.25	3.03	7.40	4.3
10a	10A-087	752297.7	2165446.9	1.5	0.68	0.72	6.81	1.39
10a	10A-088	752333.9	2164537.8	0.5	0.94	0.98	8.25	1.92
10a	10A-088	752334.0	2164537.8	5*	1.74	2.11	12.70	3.85
10a	10A-089	752224.3	2164479.3	2.5*	2.80	2.90	10.20	5.71
10a	10A-089	752224.3	2164479.3	3.5	1.36	1.56	10.20	2.92
10a	10A-089	752224.3	2164479.3	5	0.66	0.65	4.51	1.30
10a	10A-090	752269.6	2164511.6	3	0.75	0.91	7.34	1.67
10a	10A-090	752269.6	2164511.6	5	0.61	0.77	5.14	1.38
10a	10A-090	752269.6	2164511.6	6.5*	1.84	1.60	10.40	3.44
10a	10A-091	752266.5	2164478.6	2	1.26	2.44	7.65	3.70
10a	10A-091	752266.5	2164478.6	3	0.76	0.84	7.46	1.60
10a	10A-091	752266.5	2164478.6	5*	0.77	1.02	5.02	1.79
10a	10A-092	752173.3	2164422.1	1	1.18	1.13	10.20	2.31
10a	10A-092	752173.4	2164422.1	5*	0.54	0.75	4.77	1.29
10a	10A-092	752173.3	2164422.1	7	0.59	0.59	7.03	1.17
10a	12A-021	752557.6	2165099.2	0.5	6.32	30.60	32.60	36.92
10a	AS072	751548.4	2165120.2	0.5	1.50	2.70	3.40	4.20
10a	AS072	751548.4	2165120.2	1.5	1.00	3.60	3.50	4.60
10a	AS072	751548.4	2165120.2	2.5	2.00	7.70	5.40	9.70
10a	AS072	751548.4	2165120.2	3.5	1.50	5.60	4.10	7.10
10a	AS075	750608.3	2165040.2	0.5	0.80	1.90	2.60	2.70
10a	AS075	750608.3	2165040.2	1.5	1.00	2.80	5.10	3.80
10a	AS075	750608.3	2165040.2	2.5	1.30	3.30	3.40	4.60
10a	AS075	750608.3	2165040.2	3.5	1.40	4.10	3.70	5.50
10a	AS081	751477.4	2165248.3	1.5	2.10	5.10	5.00	7.20
10a	AS081	751477.4	2165248.3	2	1.80	6.40	6.20	8.20
10a	AS081	751477.4	2165248.3	2.5	1.10	3.40	7.90	4.50
10a	AS081	751477.4	2165248.3	3	2.80	9.00	5.40	11.80
10a	AS083	751533.4	2165115.2	0.5	0.50	1.30	2.40	1.80
10a	AS083	751533.4	2165115.2	1.5	0.70	0.90	5.50	1.60
10a	AS084	751518.4	2165160.2	2	0.90	1.10	5.50	2.00
10a	AS084	751518.4	2165160.2	3.5*	0.60	1.00	1.80	1.60
10a	AS091	751502.4	2165148.2	0.5	1.30	5.00	8.10	6.30
10a	AS091	751502.4	2165148.2	2.5	1.70	2.60	4.30	4.30
10a	AS091	751502.4	2165148.2	4*	1.30	1.80	2.20	3.10

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	AS092	751472.4	2165188.3	0.5	0.70	1.50	5.60	2.20
10a	AS092	751472.4	2165188.3	2.5	1.10	1.20	3.50	2.30
10a	AS092	751472.4	2165188.3	4*	0.70	0.70	2.60	1.40
10a	AS81	751477.4	2165248.3	0.5	1.10	2.20	3.10	3.30
10a	AS84	751518.4	2165160.2	0.5	1.90	4.80	6.60	6.70
10a	AS84	751518.4	2165160.2	3	1.60	3.80	5.40	5.40
10a	AS84	751518.4	2165160.2	3.5*	2.40	6.20	8.00	8.60
10a	AS84	751518.4	2165160.2	4	1.20	4.30	5.20	5.50
10a	B3890C296	752289.9	2165419.8	3	0.90	1.50	2.60	2.40
10a	B3890C296	752289.9	2165419.8	3.5	1.30	0.70	5.60	2.00
10a	B3890C296	752289.9	2165419.8	4	1.00	1.40	2.30	2.40
10a	B3890C296	752289.9	2165419.8	6	0.80	1.20	5.00	2.00
10a	B3890C296	752289.9	2165419.8	7	0.60	0.80	2.00	1.40
10a	B3890C296	752289.9	2165419.8	8*	1.00	1.40	2.90	2.40
10a	B3890C296	752289.9	2165419.8	10	0.80	1.20	2.20	2.00
10a	B3890C297	752402.8	2165260.8	7	15.00	67.00	19.00	82.00
10a	B3890C297	752402.8	2165260.8	8	1.00	1.10	6.50	2.10
10a	B3890C297	752402.8	2165260.8	9	7.20	27.00	11.00	34.20
10a	B3890C297	752402.8	2165260.8	10	1.40	1.00	3.60	2.40
10a	B3890C297	752402.8	2165260.8	12	7.30	35.00	17.00	42.30
10a	B3890C297	752402.8	2165260.8	13*	1.80	9.30	7.40	11.10
10a	B3890C298	752370.0	2165236.2	7	130.00	520.00	55.00	650.00
10a	B3890C298	752370.0	2165236.2	8	170.00	710.00	63.00	880.00
10a	B3890C298	752370.0	2165236.2	9	86.00	310.00	37.00	396.00
10a	B3890C298	752370.0	2165236.2	10	67.00	280.00	34.00	347.00
10a	B3890C298	752370.0	2165236.2	11	43.00	200.00	37.00	243.00
10a	B3890C298	752370.0	2165236.2	12	7.60	32.00	14.00	39.60
10a	B3890R101	752491.2	2164645.9	1	1.20	4.40	4.70	5.60
10a	B3890R101	752491.2	2164645.9	2	2.70	8.00	6.40	10.70
10a	B3890R101	752491.2	2164645.9	3	2.20	1.80	6.80	4.00
10a	B3890R101	752491.2	2164646.0	5*	1.80	4.80	5.30	6.60
10a	B3890R101	752491.2	2164645.9	15	1.00	1.60	4.20	2.60
10a	B3890R102	752411.2	2164586.0	1	1.00	0.80	2.50	1.80
10a	B3890R102	752411.2	2164586.0	3*	1.30	1.60	5.50	2.90
10a	B3890R102	752411.2	2164586.0	6	0.80	1.60	3.70	2.40
10a	B3890R103	752434.3	2164722.0	1	6.50	23.00	8.10	29.50
10a	B3890R103	752434.3	2164722.0	2	3.40	2.70	4.90	6.10
10a	B3890R103	752434.3	2164722.0	6*	0.60	0.70	3.00	1.30
10a	B3890R103	752434.3	2164722.0	10	0.60	0.50	3.70	1.10
10a	B3890R104	752274.2	2164602.0	1*	1.20	2.90	4.80	4.10
10a	B3890R106	752334.2	2164522.0	2	0.50	0.90	5.20	1.40
10a	B3890R106	752334.2	2164522.0	5	0.40	0.80	2.30	1.20

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R106	752334.2	2164522.0	6	0.60	0.70	3.40	1.30
10a	B3890R106	752334.2	2164522.0	7*	0.50	1.10	3.40	1.60
10a	B3890R107	752194.2	2164542.0	1*	2.50	4.30	4.90	6.80
10a	B3890R107	752194.2	2164542.0	2	2.70	2.90	6.20	5.60
10a	B3890R107	752194.2	2164542.0	3	3.20	3.40	9.40	6.60
10a	B3890R107	752194.2	2164542.0	4	1.10	1.30	4.60	2.40
10a	B3890R107	752194.2	2164542.0	6	0.60	0.60	4.50	1.20
10a	B3890R108	752133.5	2164622.6	1	1.30	4.50	10.00	5.80
10a	B3890R108	752133.5	2164622.6	2*	2.30	3.80	7.40	6.10
10a	B3890R108	752133.5	2164622.6	3	0.80	1.80	3.50	2.60
10a	B3890R108	752133.5	2164622.6	7.5	0.60	1.30	4.80	1.90
10a	B3890R109	752082.2	2164708.1	1	1.40	3.70	7.30	5.10
10a	B3890R109	752082.2	2164708.1	5	1.40	1.30	4.60	2.70
10a	B3890R109	752082.3	2164708.1	10*	0.60	1.30	3.80	1.90
10a	B3890R110	752032.2	2164608.1	1	1.10	1.40	3.10	2.50
10a	B3890R110	752032.2	2164608.1	4	4.90	18.00	7.60	22.90
10a	B3890R110	752032.2	2164608.1	6	1.10	1.20	3.50	2.30
10a	B3890R110	752032.2	2164608.1	10	0.90	1.20	4.20	2.10
10a	B3890R110	752032.2	2164608.1	12	1.20	1.30	4.40	2.50
10a	B3890R110	752032.2	2164608.1	13	0.70	1.40	2.90	2.10
10a	B3890R110	752032.2	2164608.1	14*	1.00	1.60	2.40	2.60
10a	B3890R111	752084.2	2164522.1	1	0.70	1.00	2.60	1.70
10a	B3890R111	752084.2	2164522.1	8	0.30	0.50	3.90	0.80
10a	B3890R111	752084.2	2164522.1	12*	0.90	1.50	2.60	2.40
10a	B3890R112	752062.1	2164368.1	1	0.70	2.80	5.00	3.50
10a	B3890R112	752062.1	2164368.1	2	1.60	5.70	6.80	7.30
10a	B3890R112	752062.1	2164368.1	6	0.60	0.90	2.80	1.50
10a	B3890R112	752062.2	2164368.1	12*	0.80	1.20	2.30	2.00
10a	B3890R113	752030.1	2164319.1	1	1.30	1.10	4.20	2.40
10a	B3890R113	752030.1	2164319.1	7*	1.20	1.30	4.20	2.50
10a	B3890R113	752030.1	2164319.1	14	0.40	1.60	4.60	2.00
10a	B3890R115	752014.2	2164657.1	1	5.30	21.00	6.90	26.30
10a	B3890R115	752014.2	2164657.1	2	3.20	13.00	8.00	16.20
10a	B3890R115	752014.2	2164657.1	5	1.20	4.70	7.50	5.90
10a	B3890R115	752014.2	2164657.1	11*	0.90	1.70	5.00	2.60
10a	B3890R117	752614.2	2164481.9	1	1.00	3.70	10.00	4.70
10a	B3890R117	752614.2	2164481.9	2	0.70	1.50	17.00	2.20
10a	B3890R117	752614.2	2164481.9	4*	0.80	1.80	9.60	2.60
10a	B3890R117	752614.2	2164481.9	13	1.30	1.10	9.50	2.40
10a	B3890R118	752494.2	2164391.9	1	1.30	1.10	2.60	2.40
10a	B3890R118	752494.2	2164392.0	7*	1.40	1.50	3.20	2.90
10a	B3890R118	752494.2	2164391.9	15	0.50	0.90	1.90	1.40

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 + Th-232 (pCi/g)
10a	B3890R119	752344.1	2164342.0	1*	0.80	2.20	3.60	3.00
10a	B3890R119	752344.1	2164342.0	4	0.60	1.00	5.30	1.60
10a	B3890R119	752344.1	2164342.0	6	0.70	1.30	6.00	2.00
10a	B3890R120	752284.2	2164422.0	1*	1.50	2.60	3.30	4.10
10a	B3890R120	752284.2	2164422.0	4	0.50	0.80	1.60	1.30
10a	B3890R120	752284.2	2164422.0	8	0.60	1.00	2.20	1.60
10a	B3890R121	752162.5	2164330.8	1	1.00	2.10	4.30	3.10
10a	B3890R121	752162.5	2164330.8	2	3.30	3.00	6.00	6.30
10a	B3890R121	752162.5	2164330.8	3	4.90	14.00	9.20	18.90
10a	B3890R121	752162.5	2164330.9	4*	0.70	3.30	5.90	4.00
10a	B3890R121	752162.5	2164330.8	12	1.00	1.80	2.90	2.80
10a	B3890R122	751994.1	2164142.1	1	0.50	0.70	4.30	1.20
10a	B3890R122	751994.1	2164142.1	2*	1.40	2.30	4.50	3.70
10a	B3890R122	751994.1	2164142.1	5	1.00	1.10	4.10	2.10
10a	B3890R122	751994.1	2164142.1	8	1.00	1.20	2.40	2.20
10a	B3890R123	752554.2	2164561.9	1	0.50	1.00	2.00	1.50
10a	B3890R123	752554.2	2164561.9	2	0.50	1.10	3.30	1.60
10a	B3890R123	752554.2	2164561.9	3	8.70	35.00	17.00	43.70
10a	B3890R123	752554.2	2164561.9	4*	2.40	3.30	4.90	5.70
10a	B3890R124	752419.4	2165242.0	1	0.50	1.40	5.50	1.90
10a	B3890R124	752419.4	2165242.0	2	1.50	2.90	6.80	4.40
10a	B3890R124	752419.4	2165242.0	4	69.00	280.00	51.00	349.00
10a	B3890R124	752419.4	2165242.0	5	17.00	63.00	12.00	80.00
10a	B3890R124	752419.4	2165242.0	6	51.00	185.00	32.00	236.00
10a	B3890R125	752404.4	2165262.0	1	0.60	1.70	3.50	2.30
10a	B3890R125	752404.4	2165262.0	2	1.70	2.60	3.40	4.30
10a	B3890R125	752404.4	2165262.0	6	1.90	3.60	9.50	5.50
10a	B3890R125	752404.4	2165262.0	7	3.00	4.20	6.50	7.20
10a	B3890R125	752404.4	2165262.0	8	0.70	1.30	4.10	2.00
10a	B3890R125	752404.4	2165262.0	13*	0.60	1.80	5.70	2.40
10a	B3890R126	752374.4	2165302.0	1	0.60	1.90	0.60	2.50
10a	B3890R126	752374.4	2165302.0	3	0.70	2.20	0.70	2.90
10a	B3890R126	752374.4	2165302.0	11	100.00	440.00	10.00	540.00
10a	B3890R127	752344.4	2165342.0	1	0.90	0.80	0.50	1.70
10a	B3890R127	752344.4	2165342.0	2	0.90	1.50	0.60	2.40
10a	B3890R127	752344.4	2165342.0	4*	0.90	2.10	0.60	3.00
10a	B3890R128	752314.5	2165382.0	1*	0.90	1.40	3.00	2.30
10a	B3890R128	752314.5	2165382.0	2	0.90	0.80	4.10	1.70
10a	B3890R128	752314.5	2165382.0	4	0.90	1.30	8.10	2.20
10a	B3890R129	752329.4	2165362.0	1	0.70	0.60	3.50	1.30
10a	B3890R129	752329.4	2165362.0	4	0.70	0.80	3.60	1.50
10a	B3890R129	752329.4	2165362.0	7*	0.90	0.80	4.10	1.70

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R130	752338.4	2165350.0	2	4.90	20.00	8.20	24.90
10a	B3890R130	752338.4	2165350.0	3	0.80	2.20	4.20	3.00
10a	B3890R130	752338.4	2165350.0	5*	0.80	2.80	6.90	3.60
10a	B3890R132	752425.4	2165234.0	2	0.90	0.90	3.50	1.80
10a	B3890R132	752425.4	2165234.0	4	0.90	1.20	2.80	2.10
10a	B3890R132	752425.4	2165234.0	7*	0.80	1.00	3.20	1.80
10a	B3890R133	752364.4	2165232.0	1	0.90	1.00	4.50	1.90
10a	B3890R133	752364.4	2165232.0	7	0.80	1.30	7.00	2.10
10a	B3890R133	752364.4	2165232.0	11*	1.00	1.60	4.50	2.60
10a	B3890R134	752372.4	2165238.0	1	1.10	1.80	3.40	2.90
10a	B3890R134	752372.4	2165238.0	3	1.00	1.80	3.90	2.80
10a	B3890R134	752372.4	2165238.0	8	82.00	330.00	50.00	412.00
10a	B3890R134	752372.4	2165238.0	12	12.00	62.00	12.00	74.00
10a	B3890R135	752377.6	2165329.4	1	0.80	2.60	0.50	3.40
10a	B3890R135	752377.6	2165329.4	2	0.70	1.50	0.20	2.20
10a	B3890R135	752377.6	2165329.4	4	119.60	587.50	18.80	707.10
10a	B3890R135	752377.6	2165329.4	7	8.30	36.90	4.90	45.20
10a	B3890R135	752377.6	2165329.4	10*	0.60	1.30	0.50	1.90
10a	B3890R136	752375.6	2165340.4	1	0.70	1.30	0.30	2.00
10a	B3890R136	752375.6	2165340.4	3	0.60	1.00	0.40	1.60
10a	B3890R136	752375.6	2165340.4	6	0.50	0.90	0.70	1.40
10a	B3890R137	752322.4	2165298.0	1	0.90	1.40	0.40	2.30
10a	B3890R137	752322.4	2165298.0	6*	0.70	1.40	0.70	2.10
10a	B3890R138	752286.9	2165418.8	2*	0.90	1.10	3.20	2.00
10a	B3890R138	752286.9	2165418.8	5	0.60	0.90	2.90	1.50
10a	B3890R138	752286.9	2165418.8	8	0.60	0.90	2.90	1.50
10a	B3890R139	752244.5	2165392.0	1*	0.80	1.20	2.80	2.00
10a	B3890R139	752244.5	2165392.0	4	0.50	1.00	2.90	1.50
10a	B3890R139	752244.5	2165392.0	7	0.60	0.70	2.50	1.30
10a	B3890R140	752254.4	2165212.0	2*	1.20	1.20	0.60	2.40
10a	B3890R140	752254.4	2165212.0	6	1.00	1.30	0.40	2.30
10a	B3890R141	752194.4	2165292.0	1*	2.10	1.50	7.80	3.60
10a	B3890R141	752194.4	2165292.0	4	1.40	1.30	6.20	2.70
10a	B3890R141	752194.4	2165292.0	6	1.10	1.20	2.20	2.30
10a	B3890R142	752314.4	2165132.0	1*	1.00	2.00	5.40	3.00
10a	B3890R143	752018.6	2165316.5	1	1.60	5.10	7.40	6.70
10a	B3890R143	752018.6	2165316.5	11	200.00	890.00	110.00	1090.00
10a	B3890R143	752018.6	2165316.5	16	110.00	820.00	110.00	930.00
10a	B3890R144	752360.2	2164654.0	1	2.90	8.50	5.90	11.40
10a	B3890R144	752360.2	2164654.0	2	4.00	21.00	9.00	25.00
10a	B3890R144	752360.2	2164654.0	3*	1.80	3.50	6.30	5.30
10a	B3890R144	752360.2	2164654.0	6	1.00	2.90	8.40	3.90

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R145	751997.2	2165346.7	1	3.30	9.10	7.20	12.40
10a	B3890R145	751997.2	2165346.7	13	333.00	1120.00	114.00	1453.00
10a	B3890R145	751997.2	2165346.7	15.5	13.00	48.00	18.00	61.00
10a	B3890R146	752031.5	2165391.1	1	6.30	23.00	14.00	29.30
10a	B3890R146	752031.5	2165391.1	3	80.00	360.00	82.00	440.00
10a	B3890R146	752031.5	2165391.1	10	0.90	1.30	3.30	2.20
10a	B3890R147	752509.6	2165073.3	1	190.00	79.00	35.00	269.00
10a	B3890R147	752509.6	2165073.3	3	33.00	45.00	30.00	78.00
10a	B3890R147	752509.6	2165073.3	6	7.00	83.00	31.00	90.00
10a	B3890R148	752404.3	2165012.0	1	5.90	49.00	12.00	54.90
10a	B3890R148	752404.3	2165012.0	2	1.40	2.40	8.30	3.80
10a	B3890R148	752404.3	2165012.0	3*	1.40	2.10	5.40	3.50
10a	B3890R148	752404.3	2165012.0	6	1.60	1.70	6.10	3.30
10a	B3890R149	752428.1	2165108.6	1	1.40	2.50	6.00	3.90
10a	B3890R149	752428.1	2165108.6	4*	1.30	1.80	7.10	3.10
10a	B3890R150	752453.5	2165077.3	1	2.60	32.00	16.00	34.60
10a	B3890R150	752453.5	2165077.3	3	0.60	0.80	6.90	1.40
10a	B3890R150	752453.5	2165077.3	4	0.90	1.10	4.30	2.00
10a	B3890R150	752453.5	2165077.3	8*	0.70	1.40	5.40	2.10
10a	B3890R151	752289.1	2165010.6	1	1.40	2.50	6.60	3.90
10a	B3890R151	752289.1	2165010.6	5*	0.90	1.40	4.00	2.30
10a	B3890R151	752289.1	2165010.6	8	0.40	1.30	7.00	1.70
10a	B3890R152	752369.9	2164881.2	1	44.00	180.00	35.00	224.00
10a	B3890R152	752369.9	2164881.2	2*	4.10	5.30	10.00	9.40
10a	B3890R152	752369.9	2164881.2	10	1.20	2.30	7.10	3.50
10a	B3890R153	751961.8	2165328.9	1	1.90	5.80	9.10	7.70
10a	B3890R153	751961.8	2165328.9	2	2.30	4.20	5.80	6.50
10a	B3890R154	752066.2	2165349.7	2	4.90	19.00	16.00	23.90
10a	B3890R154	752066.2	2165349.7	4	74.00	410.00	67.00	484.00
10a	B3890R154	752066.2	2165349.7	7	1.90	3.50	10.00	5.40
10a	B3890R154	752066.2	2165349.7	14	1.10	1.80	5.00	2.90
10a	B3890R155	752157.7	2164920.8	1	1.20	2.40	4.90	3.60
10a	B3890R155	752157.7	2164920.8	3	3.00	3.10	8.40	6.10
10a	B3890R155	752157.7	2164920.9	4*	1.30	1.20	7.90	2.50
10a	B3890R156	752089.6	2165158.5	1*	1.20	2.80	4.50	4.00
10a	B3890R156	752089.6	2165158.5	4	0.60	1.10	3.90	1.70
10a	B3890R156	752089.6	2165158.5	6	0.60	1.70	5.80	2.30
10a	B3890R157	751834.4	2165272.1	1	2.70	4.30	6.80	7.00
10a	B3890R157	751834.4	2165272.1	5	0.70	0.80	5.50	1.50
10a	B3890R157	751834.4	2165272.1	8*	0.90	1.30	5.50	2.20
10a	B3890R158	751774.4	2165352.2	1*	1.20	2.60	18.00	3.80
10a	B3890R158	751774.4	2165352.2	6	1.40	1.70	5.00	3.10

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 + Th-232 (pCi/g)
10a	B3890R158	751774.4	2165352.2	10	0.60	1.40	5.30	2.00
10a	B3890R159	752242.5	2165019.4	1	1.10	1.00	4.00	2.10
10a	B3890R159	752242.5	2165019.4	4	0.60	0.90	6.30	1.50
10a	B3890R159	752242.5	2165019.4	5*	1.10	1.60	4.40	2.70
10a	B3890R160	752033.2	2165233.7	1	1.60	2.50	6.90	4.10
10a	B3890R160	752033.2	2165233.7	10	140.00	570.00	76.00	710.00
10a	B3890R160	752033.2	2165233.7	11	320.00	1530.00	170.00	1850.00
10a	B3890R161	752063.2	2165193.7	1	1.50	3.90	9.60	5.40
10a	B3890R161	752063.2	2165193.7	2	1.00	2.80	5.40	3.80
10a	B3890R161	752063.2	2165193.7	4	9.10	4.30	6.00	13.40
10a	B3890R162	752076.2	2165174.7	1	2.20	2.60	8.10	4.80
10a	B3890R162	752076.2	2165174.7	10	36.00	180.00	29.00	216.00
10a	B3890R162	752076.2	2165174.7	15	1.40	3.50	5.80	4.90
10a	B3890R163	752000.8	2165271.9	1	3.80	8.80	9.60	12.60
10a	B3890R163	752000.8	2165271.9	6	0.70	1.50	4.60	2.20
10a	B3890R163	752000.8	2165271.9	10*	1.40	1.70	3.40	3.10
10a	B3890R164	751970.8	2165311.9	1*	1.80	3.30	4.50	5.10
10a	B3890R164	751970.8	2165311.9	5	0.60	1.10	5.10	1.70
10a	B3890R164	751970.8	2165311.9	10	0.50	1.10	4.10	1.60
10a	B3890R165	752116.2	2165179.7	1	3.00	11.70	8.40	14.70
10a	B3890R165	752116.2	2165179.7	6	0.60	1.10	2.50	1.70
10a	B3890R165	752116.2	2165179.7	10	0.60	1.20	3.00	1.80
10a	B3890R166	752103.2	2165198.7	1	1.20	4.70	5.70	5.90
10a	B3890R166	752103.2	2165198.7	14	56.10	223.40	19.60	279.50
10a	B3890R167	752143.6	2165226.5	2	1.70	4.50	8.30	6.20
10a	B3890R167	752143.6	2165226.5	7	189.80	1592.00	20.60	1781.80
10a	B3890R167	752143.6	2165226.5	14	0.60	3.60	3.70	4.20
10a	B3890R168	752033.7	2165401.5	1	4.10	21.80	9.00	25.90
10a	B3890R168	752033.7	2165401.5	4	0.70	2.00	4.70	2.70
10a	B3890R168	752033.7	2165401.5	8	0.70	1.10	4.50	1.80
10a	B3890R169	752016.4	2165346.1	2	1.80	4.80	7.70	6.60
10a	B3890R169	752016.4	2165346.1	5	0.90	1.40	4.60	2.30
10a	B3890R169	752016.4	2165346.1	7	0.70	1.40	4.20	2.10
10a	B3890R169	752016.4	2165346.1	8	0.90	2.60	4.30	3.50
10a	B3890R170	752113.2	2165293.7	1	2.00	8.40	7.40	10.40
10a	B3890R170	752113.2	2165293.7	2	1.40	5.90	6.50	7.30
10a	B3890R170	752113.2	2165293.7	6	1.40	4.80	6.10	6.20
10a	B3890R171	751717.5	2164919.6	2	0.90	1.90	3.20	2.80
10a	B3890R171	751717.5	2164919.6	3	1.40	5.00	4.70	6.40
10a	B3890R171	751717.5	2164919.6	4	1.80	6.30	5.70	8.10
10a	B3890R171	751717.5	2164919.6	16*	0.60	1.20	2.50	1.80
10a	B3890R172	751637.5	2165034.6	2	2.30	7.50	6.00	9.80

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R172	751637.5	2165034.6	3	1.10	3.60	4.60	4.70
10a	B3890R172	751637.6	2165034.6	14*	0.50	1.00	2.30	1.50
10a	B3890R174	752434.2	2164472.0	1*	1.90	2.00	4.10	3.90
10a	B3890R174	752434.2	2164472.0	6	1.50	1.40	3.40	2.90
10a	B3890R174	752434.2	2164472.0	11	0.70	0.80	2.20	1.50
10a	B3890R175	751676.4	2165066.2	2	0.80	1.50	3.00	2.30
10a	B3890R175	751676.4	2165066.2	7	0.60	0.70	2.30	1.30
10a	B3890R175	751676.4	2165066.2	12*	0.70	1.00	2.90	1.70
10a	B3890R176	751715.8	2165097.0	2	1.10	2.30	4.00	3.40
10a	B3890R176	751715.8	2165097.0	6	0.60	0.60	2.40	1.20
10a	B3890R176	751715.8	2165097.0	12*	0.70	0.90	2.10	1.60
10a	B3890R177	752014.1	2164282.1	1	2.40	9.10	7.50	11.50
10a	B3890R177	752014.1	2164282.1	3*	0.80	1.30	2.90	2.10
10a	B3890R177	752014.1	2164282.1	4	0.90	1.40	3.40	2.30
10a	B3890R178	751755.2	2165127.8	1*	1.50	2.40	5.00	3.90
10a	B3890R178	751755.2	2165127.8	4	0.60	0.90	2.60	1.50
10a	B3890R178	751755.2	2165127.8	6	0.80	1.30	3.80	2.10
10a	B3890R178	751755.2	2165127.8	7	0.80	1.20	3.10	2.00
10a	B3890R178	751755.2	2165127.8	10	0.60	0.80	2.30	1.40
10a	B3890R179	751696.2	2165294.8	1	1.30	3.20	3.70	4.50
10a	B3890R179	751696.2	2165294.8	8	0.60	1.00	2.40	1.60
10a	B3890R179	751696.2	2165294.8	15*	0.70	1.30	2.90	2.00
10a	B3890R181	751637.4	2165368.2	1	1.00	4.00	3.70	5.00
10a	B3890R181	751637.5	2165368.2	4*	1.90	2.30	3.60	4.20
10a	B3890R181	751637.4	2165368.2	14	0.50	0.70	1.80	1.20
10a	B3890R183	751752.0	2165210.4	2	1.20	1.50	2.80	2.70
10a	B3890R183	751752.0	2165210.4	7*	1.10	1.60	3.90	2.70
10a	B3890R183	751752.0	2165210.4	12	1.00	2.20	4.40	3.20
10a	B3890R184	751724.4	2165252.2	2*	1.50	5.50	4.20	7.00
10a	B3890R184	751724.4	2165252.2	9	0.80	1.40	2.20	2.20
10a	B3890R184	751724.4	2165252.2	12	0.80	1.30	3.00	2.10
10a	B3890R185	751524.2	2165280.8	2	0.80	2.80	3.80	3.60
10a	B3890R185	751524.2	2165280.8	3	3.00	15.70	7.60	18.70
10a	B3890R185	751524.2	2165280.8	4	6.10	30.70	12.30	36.80
10a	B3890R185	751524.2	2165280.8	7	3.80	18.90	7.60	22.70
10a	B3890R185	751524.2	2165280.8	14*	0.60	1.10	2.00	1.70
10a	B3890R186	751557.3	2165308.4	1	1.30	3.70	4.70	5.00
10a	B3890R186	751557.3	2165308.4	4	0.80	1.60	2.90	2.40
10a	B3890R186	751557.3	2165308.4	14*	1.00	1.40	4.50	2.40
10a	B3890R187	751597.3	2165338.4	1	1.00	2.80	3.60	3.80
10a	B3890R187	751597.3	2165338.4	6	19.70	114.80	15.20	134.50
10a	B3890R187	751597.3	2165338.4	15	9.60	62.10	13.40	71.70

Property ID	Boring ID	Northing	Eastings	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R187	751597.3	2165338.4	19*	0.80	3.60	3.80	4.40
10a	B3890R188	751605.3	2165344.4	1	1.00	2.90	9.90	3.90
10a	B3890R188	751605.3	2165344.4	8	15.40	95.20	20.60	110.60
10a	B3890R188	751605.3	2165344.4	15	3.80	23.10	9.70	26.90
10a	B3890R188	751605.3	2165344.4	16*	0.70	1.10	2.80	1.80
10a	B3890R189	751613.4	2165350.2	1	1.50	3.90	4.20	5.40
10a	B3890R189	751613.4	2165350.2	4	1.60	5.60	4.90	7.20
10a	B3890R189	751613.4	2165350.2	5*	2.50	10.30	6.70	12.80
10a	B3890R189	751613.4	2165350.2	11	1.00	2.00	4.20	3.00
10a	B3890R190	751621.4	2165356.2	1*	0.80	2.30	3.40	3.10
10a	B3890R190	751621.4	2165356.2	5	0.70	2.00	3.30	2.70
10a	B3890R190	751621.4	2165356.2	10.5	0.80	1.30	3.30	2.10
10a	B3890R191	751781.2	2165169.8	1	0.70	0.80	6.70	1.50
10a	B3890R191	751781.2	2165169.8	9	0.60	1.00	2.40	1.60
10a	B3890R191	751781.2	2165169.8	14*	0.70	0.90	4.50	1.60
10a	B3890R192	751827.9	2164947.3	1	0.70	0.80	0.50	1.50
10a	B3890R192	751827.9	2164947.4	6*	0.70	1.10	0.50	1.80
10a	B3890R192	751827.9	2164947.3	10	0.80	0.80	0.40	1.60
10a	B3890R193	751661.5	2165386.2	1	11.00	110.00	39.00	121.00
10a	B3890R193	751661.5	2165386.2	2	1.40	2.50	2.90	3.90
10a	B3890R194	751675.1	2165396.4	2	3.00	47.00	7.70	50.00
10a	B3890R194	751675.1	2165396.4	3	0.40	1.50	3.90	1.90
10a	B3890R194	751675.1	2165396.4	12*	0.70	0.40	4.00	1.10
10a	B3890R195	751679.9	2165390.0	1*	1.00	2.10	5.20	3.10
10a	B3890R196	751704.8	2165300.0	1	1.10	2.00	8.40	3.10
10a	B3890R196	751704.8	2165300.0	4	3.30	12.30	9.00	15.60
10a	B3890R197	751698.8	2165308.0	1*	1.30	2.30	4.90	3.60
10a	B3890R197	751698.8	2165308.0	6	0.60	0.90	3.10	1.50
10a	B3890R197	751698.8	2165308.0	12	0.70	0.80	6.20	1.50
10a	B3890R198	751653.4	2165380.2	1	1.00	2.90	5.40	3.90
10a	B3890R198	751653.4	2165380.2	3	2.70	22.60	9.10	25.30
10a	B3890R198	751653.5	2165380.2	12*	0.80	1.30	4.50	2.10
10a	B3890R199	751710.4	2165304.2	1*	0.90	2.70	8.30	3.60
10a	B3890R199	751710.4	2165304.2	7	1.00	1.50	6.40	2.50
10a	B3890R199	751710.4	2165304.2	14	0.60	1.00	3.30	1.60
10a	B3890R200	751708.4	2165290.2	1	1.00	5.50	6.30	6.50
10a	B3890R200	751708.4	2165290.2	4*	2.00	8.50	7.50	10.50
10a	B3890R201	751711.4	2165286.2	1	1.20	3.30	2.60	4.50
10a	B3890R201	751711.4	2165286.2	2	1.20	3.50	5.50	4.70
10a	B3890R202	751636.1	2165019.8	1	0.90	1.50	3.70	2.40
10a	B3890R202	751636.1	2165019.8	6	0.70	0.80	6.20	1.50
10a	B3890R202	751636.1	2165019.8	11*	0.80	0.70	2.50	1.50

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R204	751670.9	2164968.4	1	0.60	0.90	3.70	1.50
10a	B3890R204	751670.9	2164968.4	3	1.60	7.70	3.00	9.30
10a	B3890R204	751670.9	2164968.4	6*	0.50	1.90	5.50	2.40
10a	B3890R204	751670.9	2164968.4	8	0.60	0.70	2.40	1.30
10a	B3890R205	751698.7	2164933.0	1	0.70	1.00	2.30	1.70
10a	B3890R205	751698.7	2164933.0	3	1.70	6.90	8.10	8.60
10a	B3890R205	751698.7	2164933.0	4	2.80	7.50	8.80	10.30
10a	B3890R206	751684.7	2165403.6	2	0.70	1.10	1.90	1.80
10a	B3890R206	751684.7	2165403.6	5*	0.70	1.10	4.20	1.80
10a	B3890R206	751684.7	2165403.6	8	0.50	0.80	4.40	1.30
10a	B3890R210	751942.4	2165328.1	2*	1.20	2.20	5.40	3.40
10a	B3890R210	751942.4	2165328.1	5	0.60	1.10	3.50	1.70
10a	B3890R210	751942.4	2165328.1	10	0.80	1.20	6.30	2.00
10a	B3890R211	751986.4	2165261.1	1	0.60	0.80	1.90	1.40
10a	B3890R211	751986.4	2165261.1	4	0.80	0.90	3.40	1.70
10a	B3890R211	751986.4	2165261.1	8*	0.90	1.40	1.30	2.30
10a	B3890R213	752016.4	2165221.1	1	0.70	0.80	1.50	1.50
10a	B3890R213	752016.4	2165221.1	4*	0.70	0.80	2.50	1.50
10a	B3890R214	752054.4	2165167.1	2	0.30	0.60	1.80	0.90
10a	B3890R214	752054.4	2165167.1	4	1.00	1.00	1.90	2.00
10a	B3890R214	752054.4	2165167.1	6*	1.40	2.10	4.50	3.50
10a	B3890R215	752160.6	2165210.4	1	1.90	5.40	3.40	7.30
10a	B3890R215	752160.6	2165210.4	5	0.90	1.00	1.70	1.90
10a	B3890R215	752160.6	2165210.4	8	0.80	1.00	4.10	1.80
10a	B3890R216	752155.4	2165229.0	1	1.00	3.60	3.00	4.60
10a	B3890R216	752155.4	2165229.0	4	0.50	0.80	1.80	1.30
10a	B3890R216	752155.4	2165229.0	8	0.40	0.60	2.40	1.00
10a	B3890R219	752113.6	2165301.5	1	1.60	3.30	2.80	4.90
10a	B3890R219	752113.6	2165301.5	6	1.10	1.20	3.70	2.30
10a	B3890R219	752113.6	2165301.5	8	1.10	2.70	2.30	3.80
10a	B3890R220	752075.0	2165356.3	1	1.70	6.90	2.80	8.60
10a	B3890R220	752075.0	2165356.3	5	0.40	0.40	3.40	0.80
10a	B3890R220	752075.0	2165356.3	8	0.70	0.90	1.60	1.60
10a	B3890R221	752046.9	2165398.9	1	1.60	7.30	4.10	8.90
10a	B3890R221	752046.9	2165398.9	5	0.30	0.50	1.70	0.80
10a	B3890R221	752046.9	2165398.9	10	0.90	1.10	3.80	2.00
10a	B3890R223	752096.9	2164950.3	1	1.00	1.30	4.10	2.30
10a	B3890R223	752096.9	2164950.3	4*	0.80	1.60	2.00	2.40
10a	B3890R223	752096.9	2164950.3	6	0.60	0.80	2.00	1.40
10a	B3890R226	751874.7	2164734.9	1	0.60	1.50	2.00	2.10
10a	B3890R226	751874.7	2164734.9	6	0.70	1.30	2.10	2.00
10a	B3890R228	751882.7	2164730.9	1	1.30	3.10	3.30	4.40

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R228	751882.7	2164730.9	7*	0.40	0.80	1.70	1.20
10a	B3890R229	751967.5	2164734.5	3	2.20	7.00	2.60	9.20
10a	B3890R229	751967.5	2164734.5	6	1.10	2.80	2.90	3.90
10a	B3890R229	751967.5	2164734.5	8*	1.10	2.80	2.80	3.90
10a	B3890R230	751975.5	2164740.5	1	1.10	1.60	2.50	2.70
10a	B3890R230	751975.5	2164740.5	9*	1.60	1.70	2.60	3.30
10a	B3890R230	751975.5	2164740.5	18	0.70	0.60	1.80	1.30
10a	B3890R231	752312.5	2165019.4	1	0.70	1.30	1.70	2.00
10a	B3890R231	752312.5	2165019.4	3	0.70	0.70	2.10	1.40
10a	B3890R231	752312.5	2165019.4	6*	0.60	0.90	2.20	1.50
10a	B3890R232	752440.2	2164714.0	1	2.50	13.00	4.40	15.50
10a	B3890R232	752440.2	2164714.0	2	2.40	6.70	3.90	9.10
10a	B3890R232	752440.3	2164714.0	4*	1.30	2.00	3.00	3.30
10a	B3890R232	752440.2	2164714.0	12	0.80	1.00	2.50	1.80
10a	B3890R233	752446.2	2164706.0	1	1.10	2.60	2.30	3.70
10a	B3890R233	752446.3	2164706.0	4*	0.80	1.60	2.00	2.40
10a	B3890R233	752446.2	2164706.0	8	0.60	0.60	3.70	1.20
10a	B3890R233	752446.2	2164706.0	14	0.60	1.00	2.00	1.60
10a	B3890R235	752422.3	2164738.0	1	3.00	13.40	7.00	16.40
10a	B3890R235	752422.3	2164738.0	2	3.20	3.90	5.60	7.10
10a	B3890R235	752422.3	2164738.0	3*	0.80	1.40	3.70	2.20
10a	B3890R235	752422.3	2164738.0	10	0.70	0.90	2.70	1.60
10a	B3890R236	752430.3	2164744.0	1	4.50	14.50	7.80	19.00
10a	B3890R236	752430.3	2164744.0	3*	1.40	1.40	5.00	2.80
10a	B3890R236	752430.3	2164744.0	4	1.00	1.20	3.80	2.20
10a	B3890R236	752430.3	2164744.0	12	0.60	0.70	2.60	1.30
10a	B3890R237	752438.3	2164750.0	1	3.00	2.80	2.40	5.80
10a	B3890R237	752438.3	2164750.0	6*	1.40	2.00	2.00	3.40
10a	B3890R237	752438.3	2164750.0	10	0.60	0.50	1.70	1.10
10a	B3890R238	752412.3	2164768.0	1*	2.10	3.30	2.20	5.40
10a	B3890R238	752412.3	2164768.0	5	0.70	1.20	1.90	1.90
10a	B3890R238	752412.3	2164768.0	12	0.60	0.80	3.50	1.40
10a	B3890R239	752322.1	2164846.6	1	0.70	2.10	2.30	2.80
10a	B3890R239	752322.1	2164846.6	4*	2.60	2.60	6.30	5.20
10a	B3890R240	752574.2	2164576.9	1	0.40	0.80	1.40	1.20
10a	B3890R240	752574.2	2164576.9	6*	0.90	1.50	2.70	2.40
10a	B3890R240	752574.2	2164576.9	10	0.90	0.90	2.10	1.80
10a	B3890R241	752539.2	2164581.9	1	0.30	0.50	1.40	0.80
10a	B3890R241	752539.2	2164581.9	5*	0.90	1.90	2.30	2.80
10a	B3890R241	752539.2	2164581.9	10	1.10	1.20	3.30	2.30
10a	B3890R242	752539.8	2164551.1	1	0.30	0.40	1.80	0.70
10a	B3890R242	752539.8	2164551.1	4*	1.70	2.10	2.90	3.80

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R242	752539.8	2164551.1	5	0.80	1.10	3.10	1.90
10a	B3890R242	752539.8	2164551.1	12	0.80	1.10	3.80	1.90
10a	B3890R243	752124.5	2164339.9	2	0.90	2.00	3.00	2.90
10a	B3890R243	752124.5	2164339.9	3	2.00	4.60	3.60	6.60
10a	B3890R243	752124.5	2164339.9	4	0.80	1.00	4.40	1.80
10a	B3890R243	752124.5	2164339.9	11*	0.80	1.30	2.90	2.10
10a	B3890R246	752130.6	2164381.9	1*	0.90	1.90	2.30	2.80
10a	B3890R246	752130.5	2164381.9	7	0.30	0.50	3.30	0.80
10a	B3890R246	752130.5	2164381.9	12	0.60	1.10	2.20	1.70
10a	B3890R247	752136.7	2164748.9	1	0.70	2.20	2.20	2.90
10a	B3890R247	752136.7	2164748.9	2	3.00	2.10	5.10	5.10
10a	B3890R247	752136.7	2164748.9	3	1.70	2.80	5.80	4.50
10a	B3890R247	752136.7	2164748.9	12*	0.20	0.20	1.70	0.40
10a	B3890R248	752090.3	2164814.1	1	0.50	1.00	1.60	1.50
10a	B3890R248	752090.3	2164814.1	2	1.20	4.50	6.30	5.70
10a	B3890R248	752090.3	2164814.1	3	3.00	14.00	3.50	17.00
10a	B3890R248	752090.3	2164814.1	10*	0.50	1.00	2.30	1.50
10a	B3890R249	752195.2	2164669.0	1	1.30	4.70	2.90	6.00
10a	B3890R249	752195.2	2164669.0	4*	0.80	1.30	4.10	2.10
10a	B3890R250	752106.3	2164726.1	1	0.70	1.70	4.00	2.40
10a	B3890R250	752106.3	2164726.1	3	2.30	4.60	5.20	6.90
10a	B3890R250	752106.3	2164726.1	10*	0.90	1.20	2.80	2.10
10a	B3890R251	752058.3	2164790.1	1	0.80	0.90	4.20	1.70
10a	B3890R251	752058.3	2164790.1	4*	0.80	2.40	2.00	3.20
10a	B3890R252	752043.8	2164489.3	1*	1.20	1.30	1.60	2.50
10a	B3890R252	752043.8	2164489.3	5	0.70	0.90	2.40	1.60
10a	B3890R252	752043.8	2164489.3	6	1.00	0.60	2.20	1.60
10a	B3890R253	752048.6	2164492.9	2*	0.90	1.10	1.70	2.00
10a	B3890R253	752048.6	2164492.9	5	0.70	0.80	1.80	1.50
10a	B3890R253	752048.6	2164492.9	8	0.60	0.90	3.90	1.50
10a	B3890R254	752034.4	2165232.1	14.8*	0.70	0.90	2.00	1.60
10a	B3890R256	752574.2	2164451.9	1	1.40	4.00	4.60	5.40
10a	B3890R256	752574.2	2164451.9	6*	1.00	1.60	2.90	2.60
10a	B3890R256	752574.2	2164451.9	10	0.50	0.80	5.80	1.30
10a	B3890R257	752584.2	2164521.9	1	0.90	3.70	3.80	4.60
10a	B3890R257	752584.2	2164521.9	3*	1.30	6.50	4.50	7.80
10a	B3890R257	752584.2	2164521.9	12	0.70	1.20	2.50	1.90
10a	B3890R258	752473.2	2164670.0	1	0.60	3.10	3.20	3.70
10a	B3890R258	752473.2	2164670.0	2	3.40	17.00	9.60	20.40
10a	B3890R258	752473.2	2164670.0	4*	1.80	2.30	5.40	4.10
10a	B3890R258	752473.2	2164670.0	12	0.90	1.10	3.10	2.00
10a	B3890R259	752504.6	2164664.7	1	2.00	8.20	6.90	10.20

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R259	752504.6	2164664.7	2	0.90	4.50	4.80	5.40
10a	B3890R259	752504.6	2164664.7	4*	1.50	4.50	9.60	6.00
10a	B3890R259	752504.6	2164664.7	14	0.80	0.90	4.80	1.70
10a	B3890R260	752519.8	2164676.1	1	2.60	5.80	6.90	8.40
10a	B3890R260	752519.8	2164676.1	5*	1.00	1.40	3.70	2.40
10a	B3890R260	752519.8	2164676.1	8	0.80	1.20	3.10	2.00
10a	B3890R260	752519.8	2164676.1	14	0.50	0.90	2.10	1.40
10a	B3890R261	752407.0	2164591.6	1	0.90	1.00	3.00	1.90
10a	B3890R261	752407.0	2164591.6	3	0.70	1.00	2.80	1.70
10a	B3890R261	752407.0	2164591.6	6*	0.90	1.20	3.00	2.10
10a	B3890R262	752314.2	2164632.0	1*	2.50	3.70	6.30	6.20
10a	B3890R262	752314.2	2164632.0	4	1.10	1.20	3.10	2.30
10a	B3890R262	752314.2	2164632.0	8	1.20	1.30	3.70	2.50
10a	B3890R263	752348.0	2165087.2	1	2.10	6.20	6.90	8.30
10a	B3890R263	752348.0	2165087.2	5*	1.00	1.40	3.50	2.40
10a	B3890R264	752383.6	2164622.8	1	1.20	2.20	4.40	3.40
10a	B3890R265	752372.8	2164637.2	1	1.00	3.40	4.60	4.40
10a	B3890R265	752372.8	2164637.2	2*	2.40	8.90	6.90	11.30
10a	B3890R267	752503.2	2164629.9	1	1.30	2.10	8.60	3.40
10a	B3890R267	752503.2	2164629.9	3*	2.60	3.10	5.90	5.70
10a	B3890R267	752503.2	2164629.9	6	1.10	2.60	4.10	3.70
10a	B3890R268	752333.2	2164690.0	2	0.70	1.00	2.80	1.70
10a	B3890R268	752333.2	2164690.0	13*	1.10	1.50	2.70	2.60
10a	B3890R268	752333.2	2164690.0	16	0.90	1.30	3.60	2.20
10a	B3890R270	752339.2	2164682.0	2*	1.00	2.30	4.00	3.30
10a	B3890R270	752339.2	2164682.0	10	0.60	0.80	2.30	1.40
10a	B3890R270	752339.2	2164682.0	15	0.50	0.80	2.20	1.30
10a	B3890R271	751959.5	2164728.5	1	1.10	1.90	1.70	3.00
10a	B3890R271	751959.5	2164728.5	4	0.80	1.00	6.00	1.80
10a	B3890R272	752417.2	2165096.6	2*	1.00	3.10	4.30	4.10
10a	B3890R272	752417.2	2165096.6	4	1.10	1.40	4.20	2.50
10a	B3890R272	752417.2	2165096.6	6	0.90	1.50	3.10	2.40
10a	B3890R273	751904.3	2165012.1	1	1.20	1.40	1.00	2.60
10a	B3890R273	751904.3	2165012.1	2	1.00	1.50	0.60	2.50
10a	B3890R273	751904.3	2165012.1	4	0.90	1.20	0.50	2.10
10a	B3890R274	751896.3	2165006.1	1	1.20	1.50	0.20	2.70
10a	B3890R274	751896.3	2165006.1	6	1.20	1.30	0.60	2.50
10a	B3890R274	751896.3	2165006.1	7	1.00	1.40	0.70	2.40
10a	B3890R274	751896.3	2165006.1	8*	1.00	1.80	0.60	2.80
10a	B3890R275	752050.6	2164391.9	2	1.00	2.70	8.90	3.70
10a	B3890R275	752050.6	2164391.9	3	7.50	65.90	50.60	73.40
10a	B3890R275	752050.6	2164391.9	5	0.50	0.60	2.90	1.10

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R275	752050.6	2164391.9	12*	0.80	1.30	6.30	2.10
10a	B3890R276	751914.4	2165082.1	2	0.90	0.90	4.90	1.80
10a	B3890R276	751914.4	2165082.1	5	0.70	0.90	6.60	1.60
10a	B3890R276	751914.4	2165082.1	8*	0.70	1.10	2.70	1.80
10a	B3890R277	751854.0	2165159.3	1*	0.80	1.30	7.90	2.10
10a	B3890R277	751854.0	2165159.3	6	0.80	1.10	2.80	1.90
10a	B3890R277	751854.0	2165159.3	12	0.50	0.80	1.70	1.30
10a	B3890R278	752082.1	2164363.1	1	0.80	2.20	6.90	3.00
10a	B3890R278	752082.1	2164363.1	4	8.20	185.60	52.80	193.80
10a	B3890R278	752082.1	2164363.1	6	0.70	1.00	4.90	1.70
10a	B3890R278	752082.1	2164363.1	12*	0.90	3.80	7.40	4.70
10a	B3890R279	752030.9	2164379.7	2	1.20	3.80	8.00	5.00
10a	B3890R279	752030.9	2164379.7	3	26.90	262.80	54.90	289.70
10a	B3890R279	752031.0	2164379.7	5*	0.80	2.00	6.40	2.80
10a	B3890R279	752030.9	2164379.7	11	0.90	1.10	5.70	2.00
10a	B3890R279	752030.9	2164379.7	12	1.30	1.40	5.80	2.70
10a	B3890R280	752386.2	2164686.0	1	2.70	5.60	7.20	8.30
10a	B3890R280	752386.2	2164686.0	9	1.10	1.40	4.10	2.50
10a	B3890R280	752386.2	2164686.0	14*	1.10	1.50	4.40	2.60
10a	B3890R281	752106.2	2164406.1	1	1.30	2.80	8.80	4.10
10a	B3890R281	752106.2	2164406.1	2	3.20	10.10	7.80	13.30
10a	B3890R281	752106.2	2164406.1	4*	3.60	5.50	8.20	9.10
10a	B3890R281	752106.2	2164406.1	14	1.10	1.60	3.10	2.70
10a	B3890R282	752060.4	2164455.5	1	0.90	2.00	8.10	2.90
10a	B3890R282	752060.4	2164455.5	3	2.20	4.20	9.90	6.40
10a	B3890R282	752060.4	2164455.5	4	1.00	5.00	9.90	6.00
10a	B3890R282	752060.4	2164455.5	10*	0.50	0.90	5.30	1.40
10a	B3890R283	752135.6	2164416.9	1	0.80	1.20	7.20	2.00
10a	B3890R283	752135.6	2164416.9	7	1.40	0.60	3.50	2.00
10a	B3890R283	752135.6	2164416.9	14*	1.50	0.70	4.00	2.20
10a	B3890R284	751948.4	2164611.5	2	0.60	0.80	5.10	1.40
10a	B3890R284	751948.4	2164611.5	5	1.30	3.30	8.50	4.60
10a	B3890R284	751948.4	2164611.5	7	9.70	29.50	23.60	39.20
10a	B3890R284	751948.4	2164611.5	10	0.60	1.10	5.20	1.70
10a	B3890R284	751948.4	2164611.5	16*	0.70	1.60	2.40	2.30
10a	B3890R285	752140.1	2164737.7	1	14.40	142.30	19.60	156.70
10a	B3890R285	752140.1	2164737.7	3	1.90	4.00	4.60	5.90
10a	B3890R285	752140.1	2164737.7	8*	1.00	1.30	2.80	2.30
10a	B3890R286	752083.4	2165090.1	2*	1.00	1.20	0.40	2.20
10a	B3890R286	752083.4	2165090.1	4	0.70	1.30	0.50	2.00
10a	B3890R287	752038.3	2165000.1	1*	2.20	1.80	2.10	4.00
10a	B3890R287	752038.3	2165000.1	3	1.10	1.50	6.00	2.60

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R287	752038.3	2165000.1	6	0.50	0.90	2.50	1.40
10a	B3890R289	752118.3	2164785.1	1*	0.70	2.90	5.70	3.60
10a	B3890R289	752118.3	2164785.1	8	0.70	0.80	2.30	1.50
10a	B3890R289	752118.3	2164785.1	14.5	0.60	0.90	2.20	1.50
10a	B3890R291	751910.3	2164754.1	1	1.30	2.70	4.30	4.00
10a	B3890R291	751910.3	2164754.1	9	1.70	2.40	6.50	4.10
10a	B3890R291	751910.3	2164754.1	18*	0.70	0.90	3.10	1.60
10a	B3890R292	752035.8	2164673.3	1	0.60	1.00	2.80	1.60
10a	B3890R292	752035.8	2164673.3	4	0.50	0.80	2.80	1.30
10a	B3890R292	752035.8	2164673.3	8	0.70	1.10	3.30	1.80
10a	B3890R292	752035.8	2164673.3	10*	0.90	1.20	3.20	2.10
10a	B3890R293	751963.3	2164740.1	1	1.00	1.20	2.10	2.20
10a	B3890R293	751963.3	2164740.1	3	1.70	2.10	3.20	3.80
10a	B3890R293	751963.3	2164740.1	4.5*	1.00	1.30	5.60	2.30
10a	B3890R294	752327.5	2164929.4	1*	1.30	1.40	5.50	2.70
10a	B3890R294	752327.5	2164929.4	4	0.50	0.60	2.00	1.10
10a	B3890R294	752327.5	2164929.4	6	0.50	1.00	3.00	1.50
10a	B3890R295	752534.6	2165093.3	1	4.10	24.00	12.00	28.10
10a	B3890R295	752534.6	2165093.3	2	9.80	54.00	6.40	63.80
10a	B3890R295	752534.6	2165093.3	3	4.60	23.00	8.40	27.60
10a	B3890R295	752534.6	2165093.3	4	1.60	7.20	4.10	8.80
10a	B3890R295	752534.6	2165093.3	6*	1.30	2.00	2.80	3.30
10a	B3890R295	752534.6	2165093.3	6.5	0.70	1.40	5.30	2.10
10a	B3890R700	752535.2	2165107.5	1	19.00	30.00	13.00	49.00
10a	B3890R700	752535.2	2165107.5	2	15.00	5.50	3.80	20.50
10a	B3890R700	752535.2	2165107.5	4*	1.00	1.60	4.80	2.60
10a	B3890R702	752481.2	2164676.0	1	1.60	10.00	2.80	11.60
10a	B3890R702	752481.2	2164676.0	3	2.10	6.80	5.20	8.90
10a	B3890R702	752481.2	2164676.0	4*	1.80	2.30	5.60	4.10
10a	B3890R702	752481.2	2164676.0	14	1.00	0.90	5.10	1.90
10a	B3890R703	751952.0	2164601.7	1	0.80	1.20	2.20	2.00
10a	B3890R703	751952.0	2164601.7	6	16.00	49.00	14.00	65.00
10a	B3890R703	751952.0	2164601.7	9	3.90	12.00	6.30	15.90
10a	B3890R703	751952.0	2164601.7	12*	0.70	1.30	5.20	2.00
10a	B3890R704	752465.2	2164664.0	1	0.90	4.00	2.80	4.90
10a	B3890R704	752465.2	2164664.0	2	3.00	14.00	6.00	17.00
10a	B3890R704	752465.2	2164664.0	4*	1.80	2.40	6.20	4.20
10a	B3890R704	752465.2	2164664.0	12	1.20	1.40	4.00	2.60
10a	B3890R705	751966.4	2164587.5	4	1.10	2.20	6.50	3.30
10a	B3890R705	751966.4	2164587.5	5	25.00	78.00	15.00	103.00
10a	B3890R705	751966.4	2164587.5	7*	0.70	2.80	3.20	3.50
10a	B3890R705	751966.4	2164587.5	8	0.70	0.80	2.80	1.50

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	B3890R705	751966.4	2164587.5	14	1.00	1.80	4.40	2.80
10a	B3890R706	752371.3	2164706.0	1*	1.20	1.40	3.90	2.60
10a	B3890R706	752371.2	2164706.0	8	0.50	0.50	2.00	1.00
10a	B3890R706	752371.2	2164706.0	16	0.80	1.30	3.50	2.10
10a	B3890R707	751935.2	2164629.1	2	1.00	1.30	3.80	2.30
10a	B3890R707	751935.2	2164629.1	4	1.50	4.00	7.60	5.50
10a	B3890R707	751935.2	2164629.1	12*	0.70	0.90	2.00	1.60
10a	B3890R708	752401.2	2164666.0	2	1.80	1.90	2.40	3.70
10a	B3890R708	752401.2	2164666.0	6	1.00	1.20	2.60	2.20
10a	B3890R708	752401.2	2164666.0	10*	0.80	1.50	5.20	2.30
10a	B3890R709	751978.6	2164567.9	1	8.60	12.00	5.20	20.60
10a	B3890R709	751978.6	2164567.9	2*	1.10	2.00	2.50	3.10
10a	B3890R709	751978.6	2164567.9	8	0.80	0.70	3.60	1.50
10a	B3890R710	752502.0	2164691.5	1	7.20	88.00	9.00	95.20
10a	B3890R710	752502.0	2164691.5	2	2.50	11.00	3.20	13.50
10a	B3890R710	752502.0	2164691.5	4*	2.00	8.20	4.80	10.20
10a	B3890R710	752502.0	2164691.5	14	0.60	0.70	3.80	1.30
10a	B3890R711	752566.2	2164445.9	1	1.20	4.40	4.40	5.60
10a	B3890R711	752566.2	2164445.9	6*	1.90	2.40	2.00	4.30
10a	B3890R711	752566.2	2164445.9	10	0.80	1.00	2.90	1.80
10a	B3890R712	752041.8	2164665.3	1	1.10	2.30	3.20	3.40
10a	B3890R712	752041.8	2164665.3	4	1.30	2.00	6.30	3.30
10a	B3890R712	752041.8	2164665.3	8*	0.80	3.30	4.10	4.10
10a	B3890R713	752029.8	2164681.3	1	2.30	25.00	4.58	27.30
10a	B3890R713	752029.8	2164681.3	3	0.50	1.20	2.90	1.70
10a	B3890R713	752029.8	2164681.3	8	0.70	0.90	5.40	1.60
10a	B3890R713	752029.8	2164681.3	10*	0.90	1.20	3.20	2.10
10a	B3890R715	752087.3	2164743.1	2*	2.40	2.80	2.50	5.20
10a	B3890R715	752087.3	2164743.1	8	0.30	0.70	4.90	1.00
10a	B3890R715	752087.3	2164743.1	15	0.70	1.20	3.00	1.90
10a	B3890R716	752094.7	2164829.9	2	1.50	3.90	2.90	5.40
10a	B3890R716	752094.7	2164829.9	4*	2.20	4.80	4.20	7.00
10a	B3890R716	752094.7	2164829.9	10	0.70	0.90	5.20	1.60
10a	B3890R717	752014.3	2164782.1	1	0.70	1.00	2.30	1.70
10a	B3890R717	752014.3	2164782.1	7*	0.80	1.80	5.50	2.60
10a	B3890R717	752014.3	2164782.1	13	0.70	1.10	3.00	1.80
10a	B3890R718	752090.1	2164304.1	1	1.80	6.10	4.40	7.90
10a	B3890R718	752090.1	2164304.1	2	2.20	6.30	9.50	8.50
10a	B3890R718	752090.1	2164304.1	3	0.90	0.80	2.40	1.70
10a	B3890R718	752090.1	2164304.1	8*	1.30	1.90	3.50	3.20
10a	B3890R719	752085.7	2164841.9	1	2.10	6.50	9.30	8.60
10a	B3890R719	752085.7	2164841.9	10*	0.90	1.40	2.30	2.30

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 + Th-232 (pCi/g)
10a	B3890R721	752005.8	2164713.3	1	0.60	0.70	1.90	1.30
10a	B3890R721	752005.8	2164713.3	3	1.50	6.00	3.90	7.50
10a	B3890R721	752005.8	2164713.3	4	0.70	0.70	1.90	1.40
10a	B3890R721	752005.9	2164713.3	12*	0.90	1.10	3.20	2.00
10a	B3890R722	752438.6	2165086.4	1	1.40	3.60	3.40	5.00
10a	B3890R722	752438.6	2165086.4	3	0.80	1.30	3.30	2.10
10a	B3890R722	752438.6	2165086.4	6*	0.90	1.40	5.00	2.30
10a	B3890R723	751865.9	2164743.3	4	8.00	24.00	7.00	32.00
10a	B3890R723	751865.9	2164743.3	5	1.90	3.30	6.60	5.20
10a	B3890R723	751865.9	2164743.3	6*	2.80	3.10	3.50	5.90
10a	B3890R723	751865.9	2164743.3	8	1.30	2.50	2.40	3.80
10a	B3890R723	751865.9	2164743.3	10	0.60	0.70	4.20	1.30
10a	B3890R723	751865.9	2164743.3	12	0.90	0.40	2.20	1.30
10a	B3890R724	752258.7	2165032.8	1	1.20	2.10	4.30	3.30
10a	B3890R724	752258.7	2165032.8	4	0.50	0.80	2.10	1.30
10a	B3890R724	752258.8	2165032.8	6*	0.60	0.80	3.50	1.40
10a	B3890R725	752214.3	2165042.0	1	0.80	2.50	2.80	3.30
10a	B3890R725	752214.3	2165042.0	5	1.10	1.10	3.30	2.20
10a	B3890R725	752214.4	2165042.0	9*	1.00	1.40	2.20	2.40
10a	B3890R726	752226.4	2165091.0	1	1.40	3.40	4.00	4.80
10a	B3890R726	752226.4	2165091.0	6*	0.60	0.90	1.80	1.50
10a	BG10A100	752344.3	2164992.0	0.5	7.70	44.80	8.30	52.50
10a	BG10A101	752408.3	2165040.0	0.5	2.30	19.50	6.10	21.80
10a	BG10A102	752424.4	2165052.0	0.5	5.30	24.10	8.80	29.40
10a	BG10A103	752306.3	2164976.0	0.5	15.40	102.70	9.80	118.10
10a	BG10A104	752442.4	2165078.0	0.5	3.80	10.70	5.70	14.50
10a	BG10A105	751876.2	2164661.1	0.5	9.20	27.00	8.50	36.20
10a	BG10A106	751876.2	2164666.1	0.5	4.70	18.00	11.00	22.70
10a	BG10A107	751900.2	2164684.1	0.5	8.40	37.00	17.00	45.40
10a	BG10A109	752054.3	2164812.1	0.5	1.20	8.70	4.40	9.90
10a	BG10A110	752110.3	2164854.1	0.5	2.00	5.20	6.40	7.20
10a	BG10A111	752174.3	2164902.0	0.5*	0.40	0.40	1.60	0.80
10a	BG10A112	752294.3	2164992.0	0.5	10.70	52.10	8.80	62.80
10a	BG10A113	752334.3	2165022.0	0.5	7.50	50.40	9.00	57.90
10a	BG10A114	752414.4	2165082.0	0.5	1.00	4.70	4.40	5.70
10a	BG10A115	752454.4	2165112.0	0.5	1.70	12.60	5.70	14.30
10a	BG10A116	751897.6	2164710.9	0.5	1.30	2.70	4.50	4.00
10a	BG10A117	751858.2	2164690.1	0.5	2.80	6.70	6.00	9.50
10a	BG10A118	751882.2	2164708.1	0.5	1.30	3.90	4.80	5.20
10a	BG10A119	752282.3	2165008.0	0.5	13.00	94.00	25.00	107.00
10a	BG10A12	752500.2	2164483.9	0.5	1.50	7.70	9.40	9.20
10a	BG10A120	752322.3	2165038.0	0.5	5.70	31.00	17.00	36.70

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	BG10A121	752330.3	2165044.0	0.5	3.20	18.00	10.00	21.20
10a	BG10A122	752442.4	2165128.0	0.5	5.40	38.00	18.00	43.40
10a	BG10A123	752236.3	2164986.0	0.5	5.10	33.00	8.50	38.10
10a	BG10A124	752260.3	2165004.0	0.5	9.00	70.00	22.00	79.00
10a	BG10A126	752390.4	2165114.0	0.5	2.10	6.80	4.10	8.90
10a	BG10A127	752144.3	2164942.1	0.5	1.50	3.20	3.40	4.70
10a	BG10A128	752184.3	2164972.0	0.5	1.80	7.60	4.40	9.40
10a	BG10A129	752224.3	2165002.0	0.5	1.80	6.60	4.40	8.40
10a	BG10A130	752312.4	2165068.0	0.5	3.20	14.00	7.40	17.20
10a	BG10A131	752344.4	2165092.0	0.5	2.60	18.00	9.40	20.60
10a	BG10A132	752384.4	2165122.0	0.5	1.90	5.20	5.60	7.10
10a	BG10A133	752408.4	2165140.0	0.5	2.10	9.30	9.70	11.40
10a	BG10A134	752074.3	2164902.1	0.5	1.00	2.70	4.70	3.70
10a	BG10A135	752218.3	2165010.0	0.5	5.70	31.00	10.00	36.70
10a	BG10A136	752298.4	2165070.0	0.5	7.20	65.00	20.00	72.20
10a	BG10A137	752418.4	2165160.0	0.5	1.70	6.90	4.30	8.60
10a	BG10A138	751830.3	2164744.1	0.5	1.80	9.50	6.40	11.30
10a	BG10A139	752286.4	2165086.0	0.5	4.20	20.00	11.00	24.20
10a	BG10A140	751816.3	2164741.2	0.5	5.10	17.00	6.10	22.10
10a	BG10A141	752248.4	2165070.0	0.5	1.50	6.20	3.10	7.70
10a	BG10A142	752354.4	2165162.0	0.5	2.50	3.00	6.60	5.50
10a	BG10A143	752252.4	2165098.0	0.5	1.90	6.80	3.60	8.70
10a	BG10A144	752126.3	2165016.1	0.5	1.20	5.30	6.70	6.50
10a	BG10A145	752232.4	2165108.0	0.5	2.00	4.10	4.00	6.10
10a	BG10A146	751786.3	2164781.2	0.5	3.60	14.00	6.60	17.60
10a	BG10A147	752004.3	2164962.1	0.5*	0.80	1.30	2.40	2.10
10a	BG10A148	752284.4	2165172.0	0.5*	0.80	1.00	1.70	1.80
10a	BG10A149	752324.4	2165202.0	0.5*	1.30	1.60	2.60	2.90
10a	BG10A15	752452.2	2164498.0	0.5	3.70	55.60	34.10	59.30
10a	BG10A150	751824.3	2164852.1	0.5*	1.90	2.60	5.10	4.50
10a	BG10A151	751762.3	2164818.2	0.5	3.30	10.80	12.00	14.10
10a	BG10A152	751756.3	2164821.2	0.5*	0.90	1.90	4.50	2.80
10a	BG10A153	752220.4	2165174.0	0.5	1.80	6.20	6.10	8.00
10a	BG10A154	751774.3	2164852.2	0.5*	0.40	0.40	3.00	0.80
10a	BG10A155	751974.3	2165002.1	0.5*	1.00	1.40	5.70	2.40
10a	BG10A156	752294.4	2165242.0	0.5*	0.70	0.90	2.80	1.60
10a	BG10A157	752334.4	2165272.0	0.5*	1.10	3.60	2.90	4.70
10a	BG10A158	751744.3	2164892.2	0.5	0.60	1.00	2.70	1.60
10a	BG10A159	751784.3	2164922.2	0.5*	0.06	1.20	3.00	1.26
10a	BG10A16	752476.2	2164516.0	0.5	1.20	2.70	6.40	3.90
10a	BG10A160	751864.3	2164982.1	0.5*	0.60	1.50	2.70	2.10
10a	BG10A162	751944.4	2165042.1	0.5*	0.90	1.20	3.60	2.10

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 + Th-232 (pCi/g)
10a	BG10A163	752224.4	2165252.0	0.5*	0.90	1.10	2.40	2.00
10a	BG10A164	752264.4	2165282.0	0.5	2.20	3.30	3.10	5.50
10a	BG10A165	752084.4	2165172.1	0.5	0.70	2.70	9.50	3.40
10a	BG10A166	752100.4	2165184.1	0.5	2.00	5.40	7.00	7.40
10a	BG10A167	752116.4	2165196.1	0.5	1.80	5.00	6.00	6.80
10a	BG10A168	751840.3	2165014.1	0.5*	0.80	0.80	3.10	1.60
10a	BG10A169	751880.4	2165044.1	0.5*	0.60	0.90	3.90	1.50
10a	BG10A170	752112.4	2165218.1	0.5	1.70	2.80	7.90	4.50
10a	BG10A171	752144.4	2165242.1	0.5	4.60	13.00	9.80	17.60
10a	BG10A172	751714.3	2164932.2	0.5*	1.10	3.60	4.00	4.70
10a	BG10A173	751918.4	2165085.1	0.5*	0.50	1.00	3.00	1.50
10a	BG10A174	752234.4	2165322.0	0.5*	0.80	1.00	2.90	1.80
10a	BG10A175	752274.4	2165352.0	0.5	2.90	2.50	2.00	5.40
10a	BG10A176	752140.4	2165264.1	0.5	2.20	7.40	4.40	9.60
10a	BG10A177	751912.4	2165118.1	0.5*	0.80	2.10	3.10	2.90
10a	BG10A178	752056.4	2165226.1	0.5	0.70	1.00	2.00	1.70
10a	BG10A18	752056.1	2164226.1	0.5	2.10	8.40	5.90	10.50
10a	BG10A180	752104.4	2165262.1	0.5	1.00	1.70	2.70	2.70
10a	BG10A181	751684.3	2164972.2	0.5*	0.40	1.00	1.90	1.40
10a	BG10A182	751888.4	2165125.1	0.5	1.80	6.40	3.40	8.20
10a	BG10A183	752164.4	2165332.1	0.5*	0.80	0.90	2.30	1.70
10a	BG10A184	752204.4	2165362.0	0.5*	1.00	1.20	2.30	2.20
10a	BG10A186	752284.5	2165422.0	0.5	3.60	6.00	7.70	9.60
10a	BG10A187	752243.5	2165410.0	0.5	1.80	8.10	10.00	9.90
10a	BG10A188	752173.4	2165370.0	0.5	1.20	8.50	9.70	9.70
10a	BG10A189	752122.4	2165338.1	0.5	2.70	7.50	4.60	10.20
10a	BG10A190	752060.4	2165304.1	0.5	1.50	3.30	8.90	4.80
10a	BG10A191	752076.4	2165316.1	0.5	3.00	11.00	7.90	14.00
10a	BG10A193	751638.3	2165000.2	0.5*	0.90	1.60	2.30	2.50
10a	BG10A194	751654.3	2165012.2	0.5*	0.80	1.60	2.50	2.40
10a	BG10A195	751694.4	2165042.2	0.5*	0.70	1.10	5.10	1.80
10a	BG10A196	751734.4	2165072.2	0.5*	0.60	1.00	4.60	1.60
10a	BG10A197	751774.4	2165102.2	0.5*	0.50	0.80	2.20	1.30
10a	BG10A198	751814.4	2165132.2	0.5*	0.60	0.80	2.40	1.40
10a	BG10A199	751862.4	2165168.1	0.5*	0.70	1.70	2.60	2.40
10a	BG10A20	752436.2	2164536.0	0.5	1.80	7.50	7.30	9.30
10a	BG10A200	751870.4	2165174.1	0.5	1.30	4.00	6.10	5.30
10a	BG10A201	751988.4	2165300.1	0.5	13.00	54.00	8.90	67.00
10a	BG10A202	752004.4	2165312.1	0.5	0.60	2.10	12.00	2.70
10a	BG10A203	752020.4	2165324.1	0.5	1.70	4.30	5.70	6.00
10a	BG10A204 A	751598.8	2165033.0	0.5*	1.30	2.70	6.10	4.00

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	BG10A207	751768.4	2165285.2	0.5*	0.60	2.20	5.80	2.80
10a	BG10A209	752048.4	2165370.1	0.5	5.10	18.00	6.10	23.10
10a	BG10A212	751798.4	2165245.2	0.5*	0.80	1.60	2.00	2.40
10a	BG10A213	751870.4	2165299.1	0.5*	0.70	0.80	1.90	1.50
10a	BG10A214	751954.4	2165362.1	0.5*	0.50	1.90	5.20	2.40
10a	BG10A215	752010.5	2165454.1	0.5	1.40	6.40	8.90	7.80
10a	BG10A217	751768.4	2165285.2	0.5*	1.30	2.20	5.80	3.50
10a	BG10A218	751804.4	2165312.2	0.5	2.00	4.70	3.90	6.70
10a	BG10A219	751844.4	2165342.1	0.5	2.00	7.00	4.20	9.00
10a	BG10A22	752054.1	2164262.1	0.5	30.60	79.60	17.00	110.20
10a	BG10A224	751742.4	2165328.2	0.5*	0.90	2.80	2.70	3.70
10a	BG10A225	751814.5	2165382.2	0.5*	1.00	3.00	3.00	4.00
10a	BG10A229	751712.4	2165368.2	0.5	1.90	3.20	2.80	5.10
10a	BG10A23	752246.2	2164406.0	0.5	2.10	5.00	4.50	7.10
10a	BG10A230	751744.5	2165392.2	0.5*	0.60	1.70	2.10	2.30
10a	BG10A231	751720.5	2165424.2	0.5*	0.90	1.90	3.00	2.80
10a	BG10A232	751760.5	2165454.2	0.5*	0.80	1.50	6.00	2.30
10a	BG10A233	751461.4	2165236.3	0.5	0.70	1.60	2.40	2.30
10a	BG10A238	751465.4	2165264.3	0.5	1.20	3.80	3.30	5.00
10a	BG10A24	752374.2	2164502.0	0.5	1.40	14.90	9.50	16.30
10a	BG10A25	751992.1	2164228.1	0.5	5.20	89.00	21.00	94.20
10a	BG10A26	752026.1	2164266.1	0.5	4.30	39.00	14.00	43.30
10a	BG10A27	752042.1	2164278.1	0.5	3.30	9.00	6.80	12.30
10a	BG10A28	752348.2	2164520.0	0.5	1.10	14.10	9.10	15.20
10a	BG10A29	752526.2	2164665.9	0.5	0.80	4.10	4.00	4.90
10a	BG10A30	752016.1	2164296.1	0.5	1.50	4.40	5.50	5.90
10a	BG10A31	752528.2	2164679.9	0.5	1.70	6.10	5.90	7.80
10a	BG10A32	752484.2	2164671.9	0.5	1.40	6.20	4.80	7.60
10a	BG10A34	752054.1	2164362.1	0.5	1.70	5.00	6.00	6.70
10a	BG10A36	752478.2	2164680.0	0.5	0.80	4.80	4.20	5.60
10a	BG10A37	752048.1	2164370.1	0.5	1.60	4.40	5.30	6.00
10a	BG10A38	752386.2	2164636.0	0.5	0.80	3.90	3.70	4.70
10a	BG10A39	752020.1	2164374.1	0.5	1.00	1.90	3.80	2.90
10a	BG10A40	752044.2	2164392.1	0.5	1.50	4.50	6.00	6.00
10a	BG10A42	752483.9	2164759.1	0.5	7.40	65.90	17.20	73.30
10a	BG10A45	752453.9	2164799.2	0.5	35.90	204.00	31.00	239.90
10a	BG10A47	752442.3	2164828.0	0.5	139.00	290.00	35.00	429.00
10a	BG10A48	751996.2	2164501.1	0.5	1.10	3.90	4.90	5.00
10a	BG10A49	752085.2	2164579.1	0.5	2.70	4.00	9.70	6.70
10a	BG10A5	752570.2	2164423.9	0.5	1.20	7.40	7.10	8.60
10a	BG10A50	752082.2	2164583.1	0.5	1.10	1.30	4.40	2.40
10a	BG10A51	752423.9	2164839.2	0.5	18.90	153.70	26.20	172.60

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 + Th-232 (pCi/g)
10a	BG10A52	752430.3	2164844.0	0.5	23.00	82.00	24.00	105.00
10a	BG10A53	751992.2	2164528.1	0.5*	0.70	1.30	2.50	2.00
10a	BG10A54	751972.2	2164538.1	0.5	0.90	2.60	3.20	3.50
10a	BG10A55	752100.2	2164634.1	0.5	1.10	2.50	3.00	3.60
10a	BG10A56	751966.2	2164541.1	0.5	2.60	5.70	4.40	8.30
10a	BG10A57	752350.3	2164834.0	0.5	1.80	6.80	8.80	8.60
10a	BG10A58	752374.3	2164852.0	0.5	9.70	28.00	9.90	37.70
10a	BG10A59	751984.2	2164572.1	0.5	0.60	1.10	2.40	1.70
10a	BG10A6	752618.2	2164459.9	0.5	1.60	10.00	7.90	11.60
10a	BG10A60	752024.2	2164602.1	0.5	0.50	0.80	2.00	1.30
10a	BG10A61	752064.2	2164632.1	0.5	0.50	1.40	2.20	1.90
10a	BG10A62	752120.2	2164674.1	0.5	8.30	57.00	13.00	65.30
10a	BG10A63	752136.2	2164686.1	0.5	6.20	36.00	20.00	42.20
10a	BG10A64	752152.2	2164698.0	0.5	11.00	15.00	15.00	26.00
10a	BG10A65	752381.3	2164876.0	0.5	4.50	14.40	17.60	18.90
10a	BG10A66	751954.2	2164562.1	0.5	2.20	5.70	3.80	7.90
10a	BG10A67	752154.2	2164712.0	0.5	3.60	23.00	6.40	26.60
10a	BG10A68	751956.2	2164576.1	0.5	2.20	6.10	5.00	8.30
10a	BG10A69	752108.2	2164690.1	0.5	24.00	210.00	35.00	234.00
10a	BG10A70	752124.2	2164702.1	0.5	7.50	46.00	7.40	53.50
10a	BG10A71	751942.2	2164578.1	0.5	1.90	4.30	4.40	6.20
10a	BG10A72	752110.2	2164704.1	0.5	2.60	24.00	6.70	26.60
10a	BG10A73	752134.3	2164722.1	0.5	3.90	31.00	10.00	34.90
10a	BG10A74	752150.3	2164734.0	0.5	1.60	14.00	7.70	15.60
10a	BG10A75	752390.3	2164914.0	0.5	14.00	110.00	26.00	124.00
10a	BG10A76	751936.2	2164581.1	0.5	3.90	10.00	5.20	13.90
10a	BG10A77	751944.2	2164592.1	0.5	1.10	3.90	3.40	5.00
10a	BG10A78	751984.2	2164622.1	0.5	1.30	3.90	3.70	5.20
10a	BG10A80	751930.2	2164594.1	0.5	1.00	4.40	4.20	5.40
10a	BG10A81	751954.2	2164612.1	0.5	0.60	1.20	2.10	1.80
10a	BG10A82	752010.2	2164654.1	0.5	3.80	22.50	8.90	26.30
10a	BG10A83	752034.2	2164672.1	0.5	0.60	0.90	2.40	1.50
10a	BG10A84	752130.3	2164744.1	0.5	7.10	81.00	18.00	88.10
10a	BG10A85	752068.2	2164710.1	0.5	8.20	6.80	15.00	15.00
10a	BG10A86	752076.3	2164716.1	0.5	4.30	33.40	11.60	37.70
10a	BG10A87	752366.3	2164946.0	0.5	6.80	33.10	8.30	39.90
10a	BG10A88	751906.2	2164621.1	0.5	4.50	13.00	6.10	17.50
10a	BG10A89	751906.2	2164626.1	0.5	3.50	15.00	4.00	18.50
10a	BG10A9	752608.2	2164489.9	0.5	1.00	8.10	7.40	9.10
10a	BG10A90	752100.3	2164784.1	0.5	2.00	10.90	5.60	12.90
10a	BG10A91	752292.3	2164928.0	0.5*	0.40	0.50	1.60	0.90
10a	BG10A92	752444.3	2165042.0	0.5	13.00	68.00	8.50	81.00

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	BG10A93	752524.4	2165101.9	0.5	1.40	14.10	6.10	15.50
10a	BG10A94	752540.4	2165113.9	0.5	3.50	14.00	5.00	17.50
10a	BG10A95	751894.2	2164642.1	0.5	3.70	16.00	9.40	19.70
10a	BG10A96	752382.3	2165008.0	0.5	1.90	10.00	4.40	11.90
10a	BG10A97	752406.3	2165026.0	0.5	3.50	160.30	9.20	163.80
10a	BG10A98	752430.3	2165044.0	0.5	2.50	45.40	8.00	47.90
10a	BG10A99	751920.2	2164674.1	0.5	3.10	11.00	5.50	14.10
12B	BG5-1L	751960.1	2164154.1	0.5	3.10	4.10	12.20	7.20
12B	BG5-1L	751960.1	2164154.1	1	3.00	4.00	12.00	7.00
12B	BG5-1L	751960.1	2164154.1	2	4.00	2.00	15.00	6.00
12B	BG5-1L	751960.1	2164154.1	3*	2.00	6.00	8.00	8.00
12B	BG5-1L	751960.1	2164154.1	4	1.00	4.00	8.00	5.00
12B	BG5-1L	751960.1	2164154.1	5	1.00	2.00	10.00	3.00
12B	BG5-1L	751960.1	2164154.1	6	2.00	5.00	9.00	7.00
12B	BG5-1N	752021.1	2164331.1	0.5	6.00	3.30	10.60	9.30
12B	BG5-1N	752021.1	2164331.1	1	6.00	3.00	11.00	9.00
12B	BG5-1N	752021.1	2164331.1	2	4.00	8.00	16.00	12.00
12B	BG5-1N	752021.1	2164331.1	3	3.00	6.00	13.00	9.00
12B	BG5-1N	752021.1	2164331.1	4	2.00	7.00	14.00	9.00
12B	BG5-1N	752021.1	2164331.1	5	2.00	5.00	12.00	7.00
12B	BG5-1N	752021.1	2164331.1	6	4.00	5.00	18.00	9.00
12B	BG5-1N	752021.1	2164331.1	8	3.00	24.00	26.00	27.00
10a	BG5-2B	751976.1	2164291.1	0.5	1.00	10.00	46.00	11.00
12B	BG5-4T	752442.1	2164353.0	1	5.00	7.00	23.00	12.00
12B	BG5-4T	752442.1	2164353.0	2	3.50	10.00	21.00	13.50
12B	BG5-4T	752442.1	2164353.0	3	4.00	10.00	24.00	14.00
12B	BG5-4T	752442.1	2164353.0	4	2.50	7.00	22.00	9.50
12B	BG5-4T	752442.1	2164353.0	5	1.00	5.00	18.00	6.00
12B	BG5-4T	752442.1	2164353.0	6	4.00	7.00	20.00	11.00
12B	BG5-4T	752442.1	2164353.0	7	3.00	2.10	21.00	5.10
12B	BG5-4T	752442.1	2164353.0	8*	5.00	5.00	18.00	10.00
10a	HA071	751488.4	2165200.2	0.5	1.00	2.90	7.00	3.90
10a	HA071	751488.4	2165200.2	1.5	0.80	1.30	3.40	2.10
10a	HA071	751488.4	2165200.2	2.5	1.70	3.80	6.10	5.50
10a	HA071	751488.4	2165200.3	3.5*	1.10	2.80	3.90	3.90
10a	HA074	751578.4	2165080.2	0.5	1.20	2.30	4.50	3.50
10a	HA074	751578.4	2165080.2	2	0.70	1.50	6.70	2.20
10a	HA074	751578.4	2165080.2	4*	1.20	1.30	4.40	2.50
10a	HA091	751506.4	2165151.2	0.5	1.20	3.70	4.80	4.90
10a	HA092	751476.4	2165191.3	0.5	1.50	5.70	6.20	7.20
10a	HA092	751476.4	2165191.3	2.5	0.80	1.20	3.20	2.00
10a	HA092	751476.4	2165191.3	4*	0.80	0.80	3.30	1.60

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 + Th-232 (pCi/g)
10a	HA098	751630.3	2164994.2	0.5	0.30	0.50	2.00	0.80
10a	HA098	751630.3	2164994.2	2	0.80	1.00	4.50	1.80
10a	HA098	751630.3	2164994.2	3.5	4.20	25.00	16.00	29.20
10a	HA099	751566.4	2165071.2	0.5	1.00	2.80	2.60	3.80
10a	HA099	751566.4	2165071.2	1.5	1.00	2.30	3.80	3.30
10a	HA099	751566.4	2165071.2	3	0.80	1.50	2.20	2.30
10a	HA100	751608.3	2165040.2	2	0.70	1.50	1.50	2.20
10a	HA100	751608.4	2165040.2	3.5*	1.00	1.50	3.20	2.50
10a	HA101	751469.0	2165259.5	2.5*	0.80	1.10	6.80	1.90
10a	HA101	751469.0	2165259.5	4	0.70	1.10	1.90	1.80
10a	HA102	751508.4	2165290.2	0.5	3.40	12.00	3.10	15.40
10a	HA102	751508.4	2165290.2	1	3.30	12.00	5.00	15.30
10a	HA102	751508.4	2165290.2	4*	1.00	1.10	5.80	2.10
10a	HA103	751550.2	2165317.8	0.5	0.80	1.40	1.60	2.20
10a	HA103	751550.2	2165317.8	2.5*	1.40	2.60	11.00	4.00
10a	HA103	751550.2	2165317.8	4	0.80	1.30	2.10	2.10
10a	HA104	751897.1	2164716.7	1	1.60	2.80	3.00	4.40
10a	HA104	751897.1	2164716.7	2.5	0.70	0.90	4.80	1.60
10a	HA105	751859.4	2164713.5	0.5	5.10	16.00	4.20	21.10
10a	HA105	751859.4	2164713.5	1	2.90	9.10	6.60	12.00
10a	HA105	751859.4	2164713.5	3	4.20	15.00	8.70	19.20
10a	HA105	751859.4	2164713.5	5	1.00	2.80	2.90	3.80
10a	HA106	751960.0	2164607.7	0.5	1.10	1.90	3.60	3.00
10a	HA106	751960.0	2164607.7	2	0.70	1.00	2.70	1.70
10a	HA106	751960.0	2164607.7	3.5	0.90	1.30	5.30	2.20
10a	HA108	751760.3	2164824.2	2.5	0.60	1.20	0.40	1.80
10a	HA108	751760.3	2164824.2	4*	0.90	1.10	0.20	2.00
10a	HA109	751791.1	2164784.8	1	3.50	10.00	5.40	13.50
10a	HA109	751791.1	2164784.8	2.5	0.80	0.80	7.50	1.60
10a	HA109	751791.1	2164784.8	4	1.10	2.20	2.60	3.30
10a	HA110	751821.9	2164745.3	2.5	2.00	6.00	7.30	8.00
10a	HA110	751821.9	2164745.3	4	0.70	1.10	2.80	1.80
10a	HA111	751852.6	2164705.9	2	2.40	2.70	3.80	5.10
10a	HA111	751852.6	2164705.9	2.5	1.70	3.20	3.50	4.90
10a	HA111	751852.6	2164705.9	3	13.00	29.00	17.00	42.00
10a	HA111	751852.6	2164705.9	4	2.80	4.10	9.90	6.90
10a	HA112	751883.4	2164666.5	1	4.90	12.00	9.00	16.90
10a	HA112	751883.4	2164666.5	1.5	5.70	14.00	6.80	19.70
10a	HA112	751883.4	2164666.5	2	5.80	14.00	9.10	19.80
10a	HA112	751883.4	2164666.5	2.5	3.40	7.40	3.90	10.80
10a	HA112	751883.4	2164666.5	4	0.70	0.90	5.90	1.60
10a	HA114	751913.4	2164626.5	1	10.00	31.00	7.70	41.00

Property ID	Boring ID	Northing	Easting	Depth (ft bgs)	Ra-226 (pCi/g)	Th-232 (pCi/g)	U-238 (pCi/g)	Ra-226 +Th-232 (pCi/g)
10a	HA114	751913.4	2164626.5	1.5	7.70	24.00	6.00	31.70
10a	HA114	751913.4	2164626.5	2	16.00	46.00	14.00	62.00
10a	HA114	751913.4	2164626.5	4	0.70	1.10	5.70	1.80
10a	HA115	751943.4	2164586.5	1.5	1.40	5.50	2.80	6.90
10a	HA115	751943.4	2164586.5	3.5	0.40	1.30	5.90	1.70
10a	HA116	751974.2	2164547.1	1.5	15.00	47.00	8.96	62.00
10a	HA116	751974.2	2164547.1	2.5*	3.20	9.00	11.00	12.20
10a	HA116	751974.2	2164547.1	3.5	1.90	1.50	3.70	3.40
10a	HA117	752003.4	2164506.5	2	8.60	24.50	13.40	33.10
10a	HA117	752003.4	2164506.5	4*	0.60	1.00	2.60	1.60
10a	HA118	752026.2	2164461.1	0.5*	1.60	3.10	5.70	4.70
10a	HA118	752026.2	2164461.1	2	1.10	1.50	4.20	2.60
10a	HA118	752026.2	2164461.1	4	0.60	0.90	2.40	1.50
10a	HA120	752047.4	2164414.5	0.5	1.00	2.30	4.00	3.30
10a	HA120	752047.4	2164414.5	2.5	1.90	2.40	4.70	4.30
10a	HA120	752047.4	2164414.5	4	0.80	1.20	3.40	2.00
10a	HA121	752067.7	2164367.3	0.5	1.00	3.00	3.70	4.00
10a	HA121	752067.7	2164367.3	2.5	8.30	76.40	20.30	84.70
10a	HA121	752067.7	2164367.3	3	13.40	84.50	18.60	97.90
10a	HA121	752067.7	2164367.3	3.5	4.40	17.50	9.80	21.90
10a	HA122	752089.7	2164321.3	2	9.90	69.20	25.20	79.10
10a	HA122	752089.7	2164321.3	2.5	8.60	97.20	9.80	105.80
10a	HA122	752089.7	2164321.3	3	8.40	56.60	17.00	65.00
10a	R112	752062.1	2164368.1	0.5	2.40	5.90	6.60	8.30
10a	R139	752244.5	2165392.0	0.5	1.50	3.70	6.20	5.20
10a	R169	752016.4	2165346.1	0.5	2.60	6.70	5.10	9.30
10a	R273	751904.3	2165012.1	0.5	0.80	1.20	4.70	2.00

* Data point used in relative shift calculations

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