Westinghouse

Hematite Decommissioning Project

Technical Report

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TITLE: **Summary Report of Investigations of Hybrid Wells and Former Process Buildings Investigation Area**

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Approvals:

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1.0 Purpose

The purpose of this report is to summarize the actions taken and the analytical results obtained with the sub-surface soil investigation of the former Process Buildings Investigation Area and investigation soil sampling associated with hybrid wells in support of Final Status Survey (FSS). It is intended that the investigation results within this summary report and any additional information obtained as the remediation and investigation of the site proceeds will be included in the appropriate Survey Unit Release Record and summarized in the FSS final report.

2.0 Background

In response to a request for additional information, Westinghouse prepared an evaluation of the then existing information concerning (Tc-99) contamination under the Hematite site's former Process Buildings, the near-term plan for analysis of supplemental soil samples in the vicinity of the former Process Buildings footprint, and the sampling/analysis plan to be implemented as a part of the Final Status Survey. Westinghouse provided this information to the NRC by letter HEM-11-56, dated May 5, 2011 (ML111260624), for NRC review.

Westinghouse letter HEM-11-56 was subsequently accepted by the NRC and included as Condition 15.C of the Westinghouse License SNM-33. Within HEM-11-56, a proposed revision to the Decommissioning Plan was included as follows:

"*14.4.3.4.2 Specific Investigation Areas*

- *Former Process Buildings Investigation Area*

  Figure 14-21 shows the investigation area beneath the former Process Buildings in which soil will be sampled and analyzed for Tc-99 and uranium from the surface of the excavation to the top of the sand/gravel layer. Final status survey sampling stations that fall within this Process Building investigation area will be sampled as follows:
  - *A composite soil sample will be taken from each 5 foot interval of excavated soil down to within 6 inches of the sand/gravel layer; and*
  - *A soil sample will be taken of the remaining 6 inches of soil immediately above the sand gravel layer.*

  Figure 14-21 shows a conceptual layout of the conceptual final status survey units across the former Process Buildings.

- *Hybrid Well Investigations*

  The following actions shall be taken to investigate the potential for a preferential pathway of Tc-99 and uranium along a monitoring well screen that crosses both the Silty Clay Aquitard HSU and the Sand/Gravel HSU (hybrid well), and to determine whether contaminated soil exists in proximity to a hybrid monitoring well:

  - *When hybrid wells are abandoned they will be over drilled using hollow stem augers of sufficient outside diameter to remove approximately two inches of*

surrounding soil, the well riser, well screen, and screened filter pack. The auger will continue until reaching refusal, which indicates bedrock. The soil cuttings that are removed during the boring process will be surveyed for indications of elevated radioactivity as a qualitative measure and sampled for laboratory analysis. Within each 5 foot interval, sample(s) of soil indicating elevated concentrations will be collected for laboratory analysis. In the event that an elevated count is not observed, one composite sample of the cuttings collected within each 5 foot interval will be collected for laboratory analysis.

- *When completing remediation actions in the area of a hybrid well screen that extends beyond the depth of soil excavation, any water sample taken over the history of that well will be assessed for results that exceed the MDC+Error for Tc-99 or exceed the Background Threshold Value for total uranium. For such an exceedance, four borings will be made in close proximity (e.g., approximately equidistant within a 2-4 foot radius) to each monitoring well that is not excavated to the bottom of the well. The borings shall extend down to refusal, which indicates bedrock. Composite samples will be collected as follows:*
    - *From each 5 foot increment of depth to the top of the screened/filtered interval;*
    - *From the increment that is equivalent to the top half of the screened/filtered interval; and*
    - *From the increment that is equivalent to the bottom half of the screened/filtered interval.*

Should a sample result from the investigation sampling described in this subsection exceed the applicable DCGL, then remediation of the subsurface soil represented by the sample is required. If remediation was by overboring, then sampling borings as described in the preceding paragraph may be used to demonstrate compliance. If remediation was by excavation, a final status survey (FSS) per Chapter 14 will be completed. "

Several of these actions have been completed or partially completed and this summary report will evaluate the current status of these commitments, summarize the activities performed to date and provide the resulting data that can be used to support any further excavation activities and final status survey planning and reporting.

For FSS, the Uniform Derived Concentration Guideline Levels (DCGLs) are being used to be ALARA and to allow for ease of use in having one DCGL value when radiological data supports it. If data exceeds the Uniform DCGL value, then the individual DCGLs for Surface (0.0-0.5 ft), Root (0.5-5.0 ft) and Deep (> 5.0 ft) Strata may be used depending on the depth of the sample. The Excavation Scenario DCGL is applied to the Deep Stratum. Therefore, the results in this report are compared against the Uniform DCGL for sample intervals that fall within the surface (0.0-0.5 ft) and root (0.5-5.0 ft) strata and sample intervals that fall within the Deep Stratum interval are compared to the both the Uniform and the Excavation DCGL. Because samples

within the Surface and Root strata that exceed the Uniform DCGL are in areas that are expected to be remediated, further comparison against the surface and root DCGL are not needed.

Samples that exceed the Excavation DCGL will require remediation or further sampling to delineate the area and determine the average concentration associated with the delineated area for comparison to the $DCGL_{EMC}$ for the size of the area. The Uniform and Excavation DCGLs are presented in Table 1 below:

Table 1. Adjusted Soil $DCGL_w$s by CSM[a]

Radionuclide	DCGLs (pCi/g)[b]	
	Excavation Scenario	Uniform Stratum
Radium-226+C[d]	5.4	1.9
Technetium-99	74.0	25.1
Thorium-232+C[d]	5.2	2.0
Uranium-234	872.4	195.4
Uranium-235+D[c]	208.1	51.6
Uranium-238+D[c]	551.1	168.8

[a] Table adapted from HDP-PR-FSS-701, Final Status Survey Plan Development, Appendix A.
[b] The reported $DCGL_w$s are the activities for the parent radionuclide and were calculated to account for the dose contribution from insignificant radionuclides.
[c] +D indicates the $DCGL_w$ includes short-lived (half-life ≤ 6 mo.) decay products.
[d] +C indicates the $DCGL_w$ includes all radionuclides in the associated decay chain.

Because multiple radionuclides are present, the unity rule is applied when comparing sample results to the DCGLs using the following equation for the sum-of-the-fractions (SOF).

$$SOF_{sample} = \frac{Conc_{sample}^{Ra-226} - 0.9}{DCGL_{excav.}^{Ra-226}} + \frac{Conc_{sample}^{Tc-99}}{DCGL_{excav.}^{Tc-99}} + \frac{Conc_{sample}^{Th-232} - 1.0}{DCGL_{excav.}^{Th-232}} + \frac{Conc_{sample}^{U-224}}{DCGL_{excav.}^{U-234}} + \frac{Conc_{sample}^{U-235}}{DCGL_{excav.}^{U-235}} + \frac{Conc_{sample}^{U-238}}{DCGL_{excav.}^{U-238}}$$

Background values for Ra-226 and Th-232 are subtracted from sample results in calculating the SOFs. The background value, in pCi/g, for Ra-226 is 0.9 pCi/g with unknown ingrowth, and 1.0 pCi/g for Th-232. Negative values are treated as zero for calculating the SOF. This equation including background subtraction is used throughout the report for SOF calculations.

Sample results for investigation sampling are provided in Attachments 1-6 of this report, GPS coordinates are provided in Attachment 7, boring logs and surveys are provided in Attachment 8 and a list of abandoned hybrid wells are provided in Attachment 9.

3.0 Supplemental Soil Sample Analysis

HEM-11-56 "Evaluation of Technetium-99 Under the Process Buildings" was submitted to the NRC as a response to a request for additional information. Section 4.3 of the evaluation included a commitment to retrieve soil cores from 26 locations (sampling stations) within the Process Buildings footprint and analyze for U-235 and U-238 by gamma spectroscopy and Tc-99. These

core samples would be from previously collected and archived borings that were collected in 2007 as part of an effort to collect additional characterization data to support the development of the Hematite Decommissioning Plan (DP). The purpose of submitting these sample intervals for analysis was to augment the understanding of the Tc-99 and Uranium contamination profile of subsurface soil beneath the former Process Buildings to a depth of 20 feet.

In HEM-11-56, approximately 4 composite samples were defined within each archived core to pull for analysis. These composite samples included one each from the 4.5 foot to 8.5 foot below ground surface (bgs) interval; 8.5 foot to 12.5 foot bgs interval; 12.5 foot to 16.5 foot bgs interval; and 16.5 foot to 20.5 foot bgs interval, based on material being available.

The core samples were pulled from archive and submitted to Test America for analysis in April of 2011.

None of the 26 locations exceeded a sum-of-fraction of 1.0 using the Excavation Scenario DCGLs and only location BD-33 had intervals that exceed a SOF of 1.0 using the Uniform Stratum DCGLs. The two intervals that exceeded a SOF of 1.0 were 8.5-12 feet bgs and 13-16.5 feet bgs. The interval from 16.5-20.5 feet had a SOF equal to 1.0 using the Uniform DCGLs. Although the SOF for several of the intervals for BD-33 equaled or exceeded 1.0 for the Uniform DCGL, no additional remediation is required since the SOF for the Excavation DCGL was less than 1.0. The sample results for all 26 locations, including actual depths submitted, are provided in Attachment 1. See Figure 2 for archive sample locations.

4.0 Former Process Buildings Investigation Area

The evaluation of Tc-99 and uranium under the former Process Buildings as described in HEM-11-56 included a commitment to perform sampling in a designated investigation area (See Figure 1) and to analyze the samples for Tc-99 and uranium. The investigation area included four hybrid monitoring wells, BD-01, BD-02, BD-03 and BD-04; the locations where limestone was used as backfill in the construction of Building 253; and the alleys that had existed between Buildings 250, 251, and 240. The investigation was to include the following sampling protocol:

- A composite soil sample taken from each 5 foot interval between the excavation surface to within 6 inches of the sand/gravel layer; and
- A soil sample taken from the remaining 6 inches immediately above the sand gravel layer.

The sampling of the investigation area began in July of 2013 and work was performed in accordance with Work Package HDP-ENG13-WP-009, *Direct Push Technology Sampling at Hybrid Wells*. The sampling in the investigation area consisted of 15 systematic sample stations located in the center of each grid square with approximately 40 feet spacing between locations. The investigation area was approximately 2230 m^2 with each sample location representing approximately 149 m^2.

During development of the work package it was determined that the available sampling equipment utilized 4 foot core samplers rather than 5 foot. A licensing evaluation (CEF-2013-

DO-08-004-0) was completed and documented using HDP-PR-LI-005-1, *Change Evaluation Form*. The evaluation determined that this was an adequate approach and potentially increased the sample density and therefore, there was no change in intent in regards to accomplishing the investigation as described in HEM-11-56.

Section 7.0 of HEM-11-56 specifies that sampling would be post excavation for the Tc-99 investigation and Hybrid Well sampling. This statement was a preliminary statement based upon the expected logistics related to performing the sampling. Due to VOC contamination in the area at depth, it was recognized by the site staff that post excavation sampling presented the difficulties of having a drill rig or direct push rig enter the area after significant excavation had taken place as the surfaces would be extremely uneven. In consideration of the need to have a relatively flat surface for the drill rig and the inherent safety concerns of using a drill rig on uneven surfaces, a decision was made to perform the sampling in the Tc-99 investigation area and at some of the hybrid wells prior to performing soil excavation. The sampling of the 15 systematic locations therefore occurred after removal of the former Process Buildings concrete slab and sub-floor gravel, but prior to excavation of contaminated soil.

The collected samples were sent to Test America for analysis and the results were compared against the Uniform and Excavation DCGLs presented in Table 1 above. The equation described in Section 2.0 was used for calculating the SOF. All 15 locations had results that were below a sum-of-fraction of 1.0 using the Uniform and Excavation Scenario DCGLs with the exception of location Tc-99-7. Location Tc-99-7 exceeded a SOF of 1.0 in the samples collected from 20 to 24 feet bgs and from 24 to 28 feet bgs using the Uniform DCGLs with SOFs of 7.62 and 2.24 respectively. The 20 to 24 feet bgs interval also had a SOF of 2.58 using the Excavation Scenario DCGL. The results including actual depths are provided in Attachment 2.

In August of 2013, three additional sample locations (locations Tc-99-16 through18) were collected down to the sand gravel layer to bound location Tc-99-7 to the west. All of the samples from these three locations had a SOF less than 1.0 for both Uniform and the Excavation Scenario DCGLs.

In October of 2013, five additional investigation locations (locations Tc-99-7A through 7E) were collected to the sand gravel layer around location Tc-99-7. Excavation to approximately 7.0 to 7.5 feet had been performed in the area around location Tc-99-7 prior to collecting these additional locations. None of these 5 sample locations exceeded the Excavation DCGL and location Tc-99-7A was the only location that had a result above the Uniform DCGL and it was located adjacent to the original location Tc-99-7. The interval that was approximately 23-27 feet below the original ground surface had an SOF_N of 2.24 when evaluated using the Uniform DCGL. The results for the samples associated with the Tc-99 investigation are presented in Attachment 2.

The sample location that has a SOF of 2.58 (Location Tc-99-7) requires either remediation or evaluation as to whether the area meets the elevated measurement criteria within the assigned survey unit.

5.0 Soil Cuttings During Previous Abandonment of Hybrid Wells

As part of the Hybrid Well Investigation, HEM-11-56 stated that a scan of the soil cuttings removed during Hybrid Well abandonment boring process would be conducted to look for elevated radioactivity within each 5 foot interval. HEM-11-56 also stated that in the event that an elevated count was not observed, that one composite sample of the cuttings would be collected within each 5 foot interval for laboratory analysis. If the scan identified no elevated readings, a composite sample would be collected for laboratory analysis.

In April 2011, six hybrid wells and three additional monitoring wells (EP-20, WS-13, and WS-17B) that were later determined to be non-hybrid wells were removed and abandoned using Work Package HDP-ENG11-WP-002, *Hybrid Well Abandonment*. In early 2012, 17 hybrid wells and 14 non-hybrid wells were removed and abandoned using Work Package HDP-ENG11-WP-022, *Monitoring Well Abandonment*. During the over drilling of the wells, cuttings were scanned using a NaI 2 x 2 detector and no elevated readings were identified which would have warranted a biased sample. The wells abandoned in 2011 were completed prior to issuing HEM-11-56 and the soil cutting were collected in each 4 foot interval that had recovery. After completion of over drilling of WS-13 and WS-17B, soil samples were collected in each 2 foot interval until bedrock was reached at 32 feet bgs. The wells that were abandoned in 2012 had samples collected from each 5 foot interval that had recovery. Boring logs from 2011 and the radiological surveys from 2012 which document the radiological readings and sample ID numbers are included in Appendix A.

The cutting samples from all of the hybrid wells and the cuttings and soil samples of the 3 the non-hybrid wells (EP-020, WS-013 and WS-17B) collected in 2011 were submitted to Test America for gamma spectroscopy and Tc-99 analysis. The results were evaluated using the unity rule described in Section 2.0 above and compared against the Uniform and Excavation Derived Concentration Guideline Level (DCGL) presented in Table 1 above. None of the sample results from the 2011 well abandonment soil cuttings exceeded a SOF_N of 1.0 using the Uniform or Excavation Scenario DCGLs. In 2012 three hybrid wells, BD-02, BD-08, EP-16, and one non-hybrid well BP-040 had sample results with a $SOF_N > 1.0$ using the Uniform DCGLs. Two of those locations BD-02 and BD-08 had $SOF_N > 1.0$ using the Uniform DCGLs. The two locations (BD-02 and BD-08) that exceeded an SOF_N of 1.0 in the 0-5 foot interval bgs using the Uniform DCGLs will be remediated and confirmed to meet appropriate DCGLs prior to initiating FSS. See Attachment 3 for 2011 analytical data and Attachment 4 for 2012 analytical data.

6.0 Soil Cuttings During Future Abandonment of Hybrid Wells

There are still existing hybrid wells on site and, if abandoned prior to FSS, the same process for surveying and sampling of cuttings will need to be performed.

Table 2 lists the existing hybrid wells in the impacted area of the site and the current proposed or actual survey unit associated with those wells and also lists existing hybrid wells in non-impacted areas. Impacted areas are defined as areas with a reasonable possibility of containing residual radioactivity in excess of natural background or fallout levels, where as non-impacted

areas have an extremely low probability of residual contamination. See Attachment 9 for a list of abandoned hybrid wells. See Figure 3 for locations of abandoned and existing hybrid wells including non-hybrid monitoring wells that were abandoned and the associated soil cuttings sampled in 2011 and 2012.

Table 2 Existing Hybrid Wells

Wells in Non-Impacted Areas	Wells in Impacted Area	Current Proposed or Actual Survey Unit of Wells in the Impacted Area
NB-34	NB-50	07-01
NB-35	NB-54	06-01
NB-85	NB-57A	06-01
OB-01	NB-71	11-03
OB-02	NB-80	11-01
PZ-02	WS-34	04-01

7.0 Soil Sampling Associated with Hybrid Monitoring Wells

HEM-11-56 states that "*the monitoring wells within, or adjacent the Process Buildings that exceed the investigation threshold include: BD-01, BD-02, BD-03, BD-04, BD-05, BD-06, BD-08, BD-13, DM-02, and WS-13.*" Because these wells exceeded the investigation threshold for hybrid wells, the investigation soil sampling of the wells listed above, and any additional wells that exceed the investigation thresholds, were to consist of collecting four borings in close proximity (e.g. approximately equidistant within 2-4 foot radius) to each monitoring well that is not excavated to the bottom of the well. Composite samples were to be collected as follows:

- From each 5 foot increment of depth to the top of the screened/filtered interval;
- From the increment that is equivalent to the top half of the screened/filtered interval; and
- From the increment that is equivalent to the bottom half of the screened/filtered interval.

If a sample result from the investigation exceeds the applicable DCGL, then remediation of the subsurface soil represented by the sample would be required.

From July through August of 2013, hybrid well investigation sampling was performed on wells listed in the first paragraph of this section, with the exception of WS-13, using Work Package HDP-ENG13-WP-009, *Direct Push Technology Sampling at Hybrid Wells*. For WS-13 a licensing Evaluation CEF-2013-DO-08-004-0 dated 7-10-2013 was completed that determined that WS-13 was only 17.7 feet in depth and that the well screen location did not cross communicate from the silty clay overburden to the sand/gravel layer below and therefore was not a hybrid well and did not require sampling. The samples were collected as discussed in the commitment above with the exception of using 4 foot core increments rather than 5 foot. Licensing Evaluation CEF-2013-DO-08-004-0 which evaluated the use of 4 foot core samples rather than 5 foot cores for the Process Buildings Investigation Area also applied to the core samples collected for hybrid well sampling.

A total of eight additional hybrid wells that were located in the impacted area of the site had water sample results that exceeded the Background Threshold Value for Uranium of 8.6 pCi/l or the MDC+Error for Tc-99. See Attachment 5 for water sample data associated with hybrid wells located in the impacted area of the site. The additional wells that were located in the impacted area and that exceeded an investigation threshold included BP-17, EP-14, EP-15, EP-16, LF-08, LF-09, PL-06, and WS-32. See Figure 4 for the location of all hybrid wells that had investigative sampling in 2013.

Investigation soil samples for these additional eight wells were also conducted in July and August of 2013 using the same sampling protocol discussed above for the original wells identified in HEM-11-56. Although the previously abandoned well BD-07 was not a radiological monitoring well, the investigation sampling was completed on this well because of its location on the former Process Buildings concrete pad and because the other BD well locations in the area exceeded background threshold values.

It was determined during later review that the LF-08 samples had actually been collected around a previous boring location LF-105 rather than in the vicinity of LF-08. See Figure 5A for LF-08 actual sample locations collected in the vicinity of LF-105. Additional sampling needs to be performed in the vicinity of LF-08 prior to completing FSS.

The soil sample results were compared to the Excavation Scenario DCGL when the majority of the sample interval was at a depth that was below Root Stratum (5 feet) and all samples were compared to the Uniform DCGL. The data associated with the wells sampled in July and August are included in Attachment 6.

One hybrid well, (EP-16) had two of the four sample columns with analytical results that exceeded the Excavation Scenario DCGL. Location EP-16N had an SOF of 26.58 at 8-12 feet, an SOF of 1.13 at 20-24 feet and an SOF of 1.42 at 28-32 feet. Location EP-16W had an SOF of 1.12 and 1.39 at 8-11 and 12-16 feet respectively.

There were also several locations around hybrid wells BD-02, BD-08, BP-17, DM-02, EP-14, EP-15 and EP-16 that exceeded the Uniform DCGL at various depths but were below Excavation Scenario DCGLs. Additional investigation samples at locations BP-17-1 through BP-17-6 were collected in the vicinity of BP-17 towards the northeast site creek, locations EP-15-1 and EP-15-2 were collected near EP-15 and locations EP-16-1, EP-16-2 and EP-16-3 were collected near EP-16. Table 3 below summarize the locations and depths that sample intervals exceeded either the Excavation or Uniform DCGL and what proposed or actual Survey Unit the sample falls within. Survey unit boundaries may change prior to FSS. All sample data is located in Attachment 6 and boring logs are in Attachment 8. See Figures 5A through 5E for all hybrid well investigation boring locations. The sample locations that have a SOF greater than the Excavation DCGL will require either remediation and/or additional evaluation prior to FSS.

Table 3. Hybrid Well Elevated Soil Sample Result Summary

Sample Location	Depth below Original Grade	Excavation SOF *	Uniform SOF *	Actual or Proposed LSA SU
BD-08E	0-4	N/A	**1.62**	08-08
DM-02E	2-4	N/A	**1.48**	08-09
DM-02S	2-4	N/A	**1.45**	08-09
EP-14E	0-4	N/A	**1.15**	08-11
EP-15W	0-4	N/A	**1.60**	08-10
EP-15S	0-4	N/A	**1.74**	08-10
EP-15N	0-4	N/A	**5.48**	08-10
EP-16-5	0-4	N/A	**1.99**	08-17
EP-16S	0-4	N/A	**1.36**	08-17
EP-16E	0-4	N/A	**3.69**	08-17
EP-16W	0-4	N/A	**2.14**	08-17
EP-16N	0-4	N/A	**20.98**	08-17
BD-02E	10.5-14.5	0.38	**1.07**	08-02
BD-08S	32-34	0.32	**1.30**	08-08
BD-08N	4-8	0.51	**1.52**	08-08
BD-08N	24-25	0.36	**1.03**	08-08
BD-08N	30-35	0.36	**1.04**	08-08
BP-17N	8-12	0.62	**1.83**	10-12
BP-17E	28-30	0.81	**2.39**	10-12
BP-17S	4-8	0.46	**1.38**	10-12
BP-17-5	21.6-25.6	0.48	**1.41**	10-12
DM-02E	8-12	0.48	**1.40**	08-09
DM-02W	16-20	0.44	**1.45**	08-09
DM-02S	4-8	0.44	**1.37**	08-09
EP-15-2	25-31	0.36	**1.07**	08-10
EP-16-4	20-24	0.36	**1.07**	08-17
EP-16-4	24-26	0.46	**1.36**	08-17
EP-16S	12-16	0.65	**1.92**	08-17
EP-16E	12-16	0.66	**1.94**	08-17
EP-16W	8-12	**1.12**	**3.32**	08-17
EP-16W	12-16	**1.39**	**4.10**	08-17
EP-16W	16-20	0.85	**2.53**	08-17
EP-16W	20-24	0.97	**2.87**	08-17
EP-16W	24-28	0.61	**1.82**	08-17
EP-16N	4-8	0.41	**1.19**	08-17
EP-16N	8-12	**26.58**	**78.37**	08-17
EP-16N	20-24	**1.13**	**3.35**	08-17
EP-16N	24-28	0.62	**1.85**	08-17
EP-16N	28-32	**1.42**	**4.19**	08-17

* Bold value indicates SOF greater than 1.0

Figure 1: Former Process Buildings Investigation Area

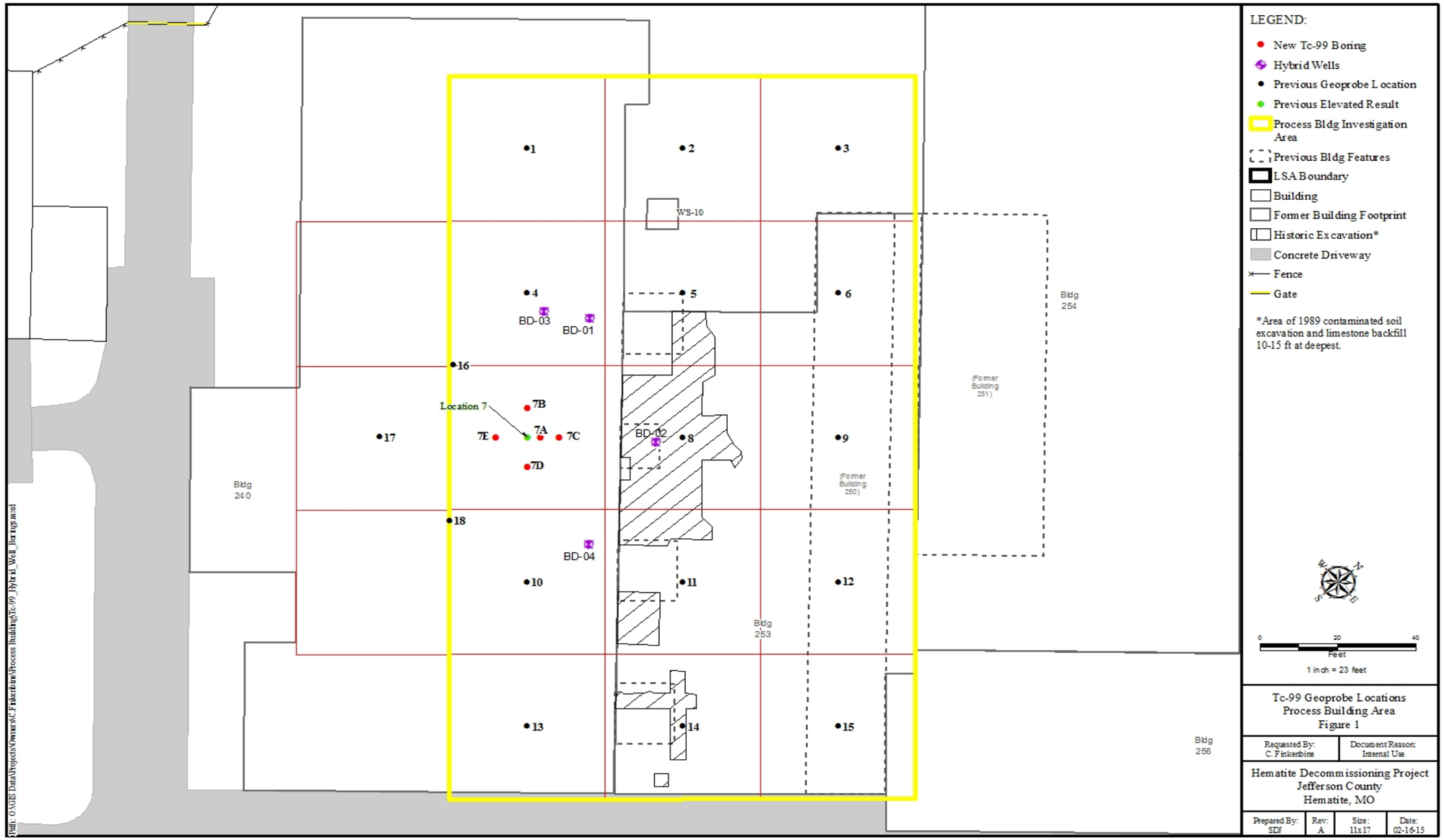


Figure 2: Process Buildings Sub-Surface Archive Soil Sample Locations

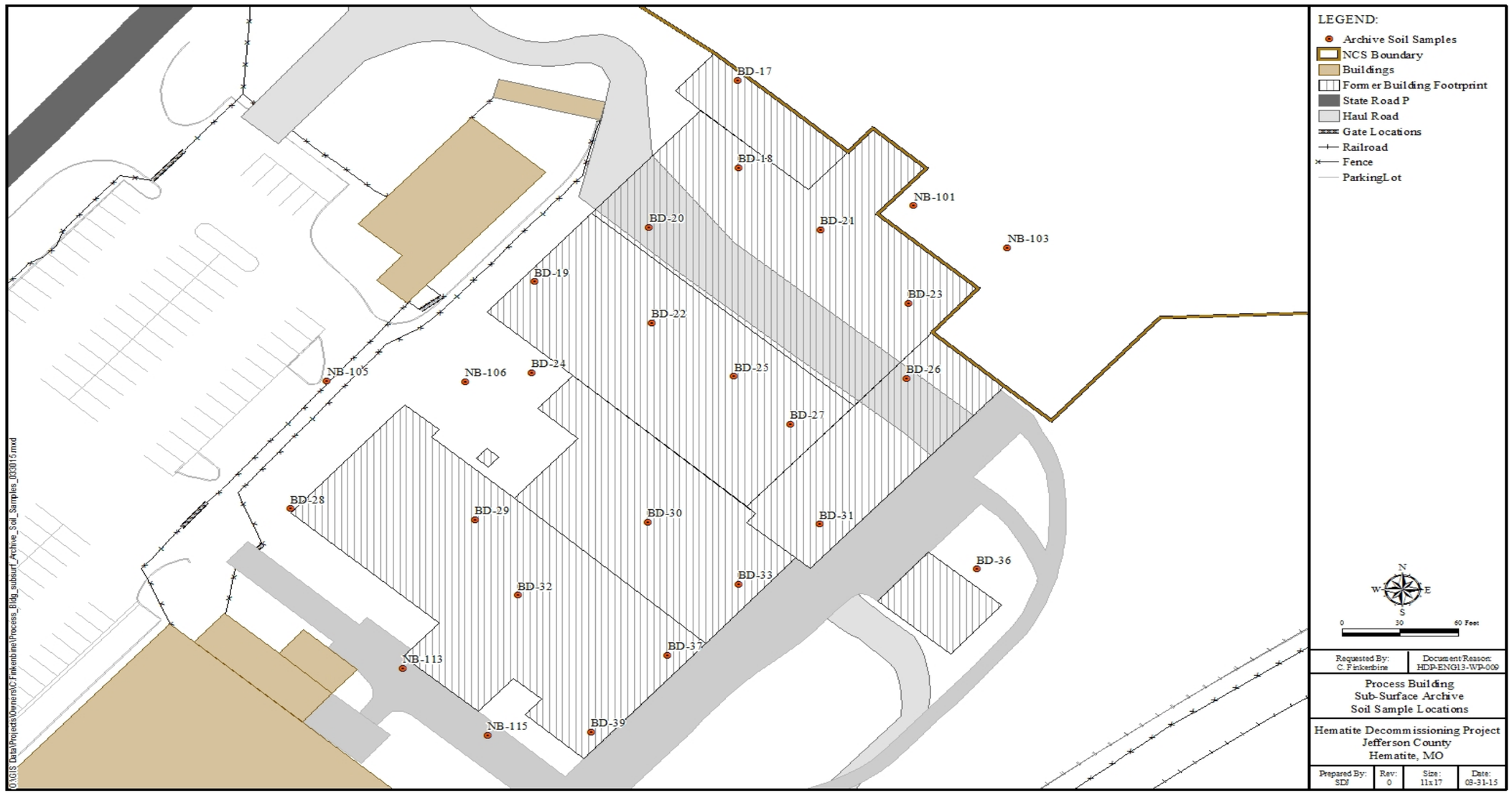


Figure 3: Existing and Abandoned Hybrid Wells including Non-Hybrid Wells Abandoned in 2011-2012

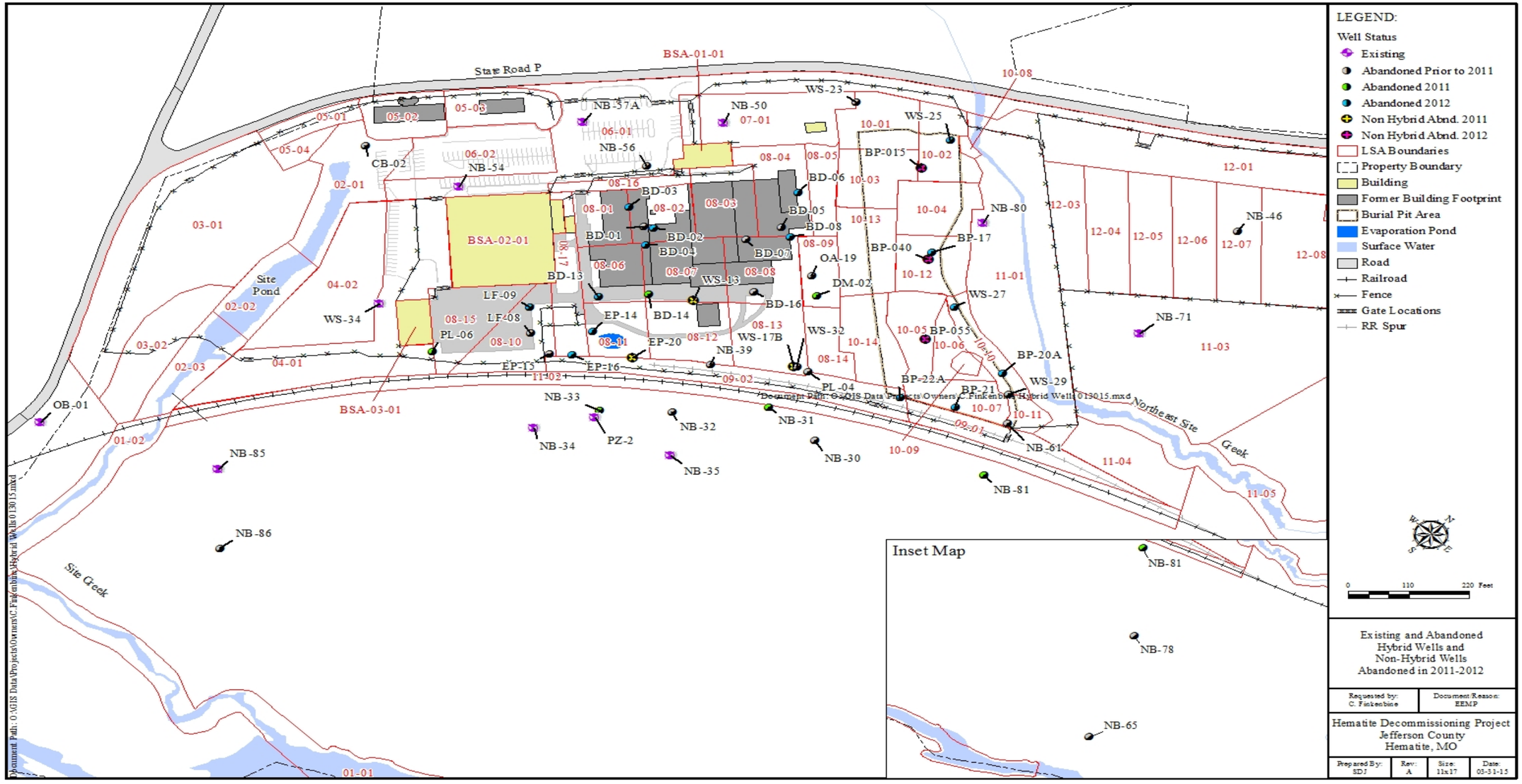


Figure 4: Hybrid Well Locations for Investigation Sampling

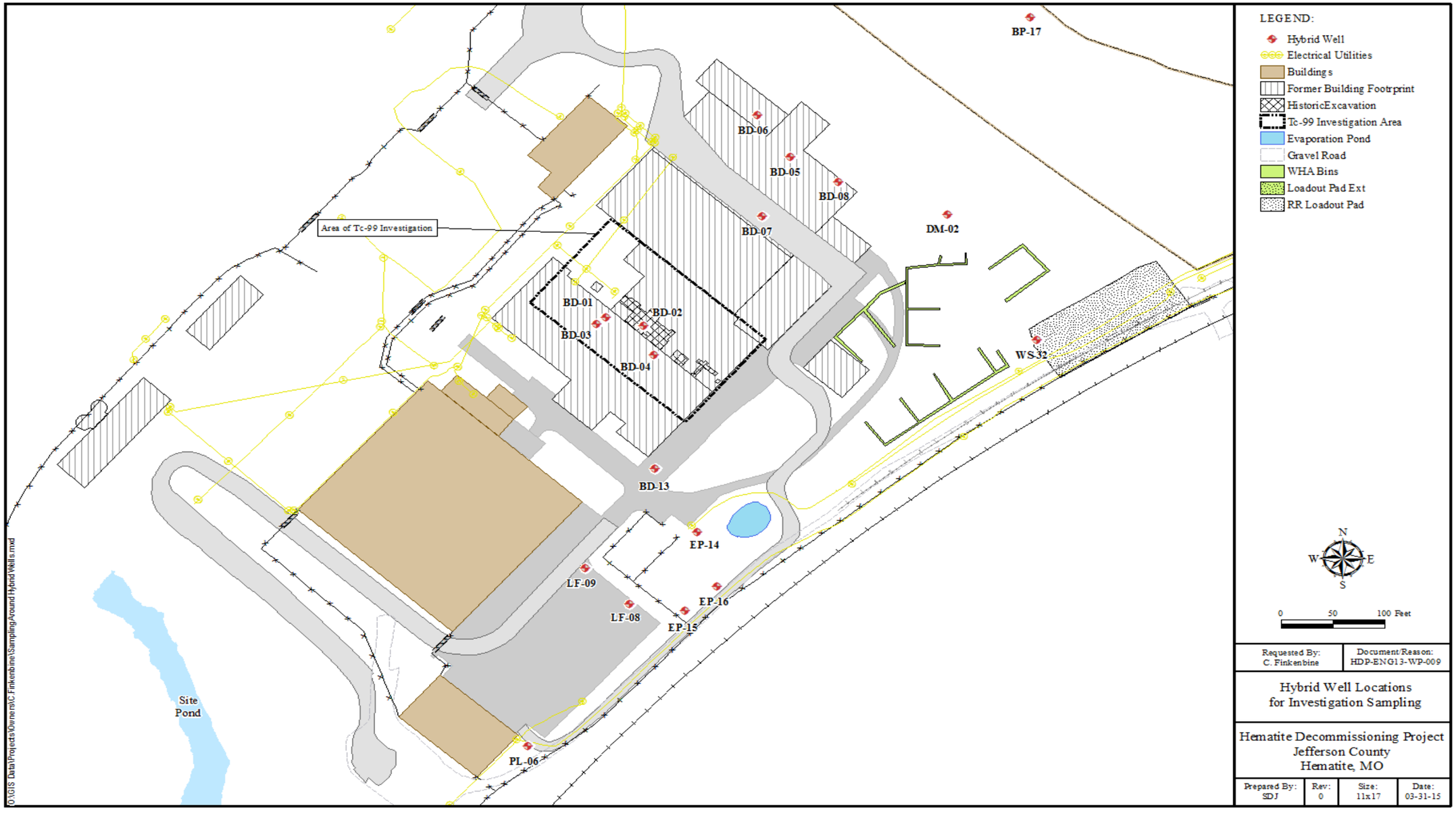


Figure 5A: Hybrid Well Investigation Sample Locations

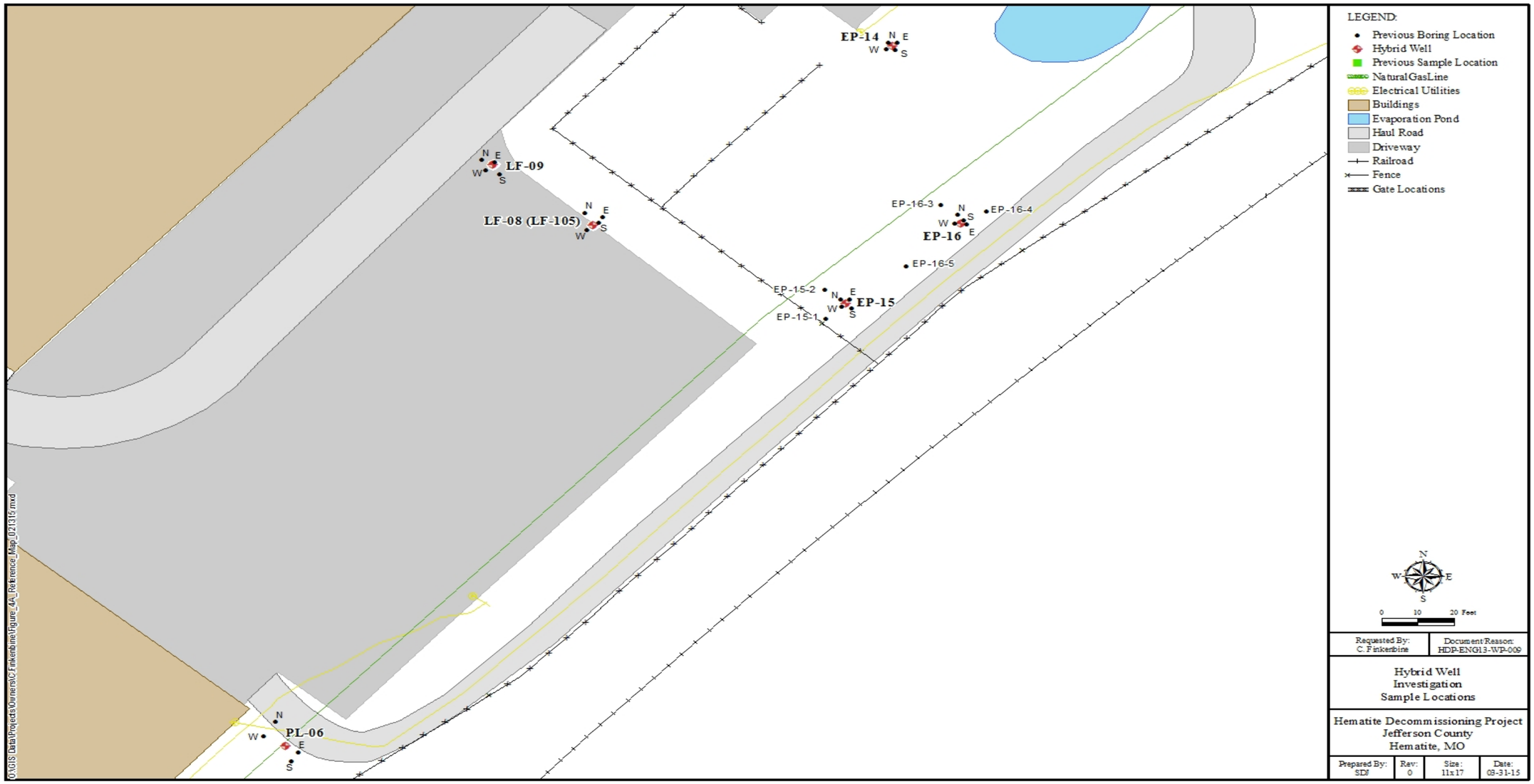


Figure 5B: Hybrid Well Investigation Sample Locations

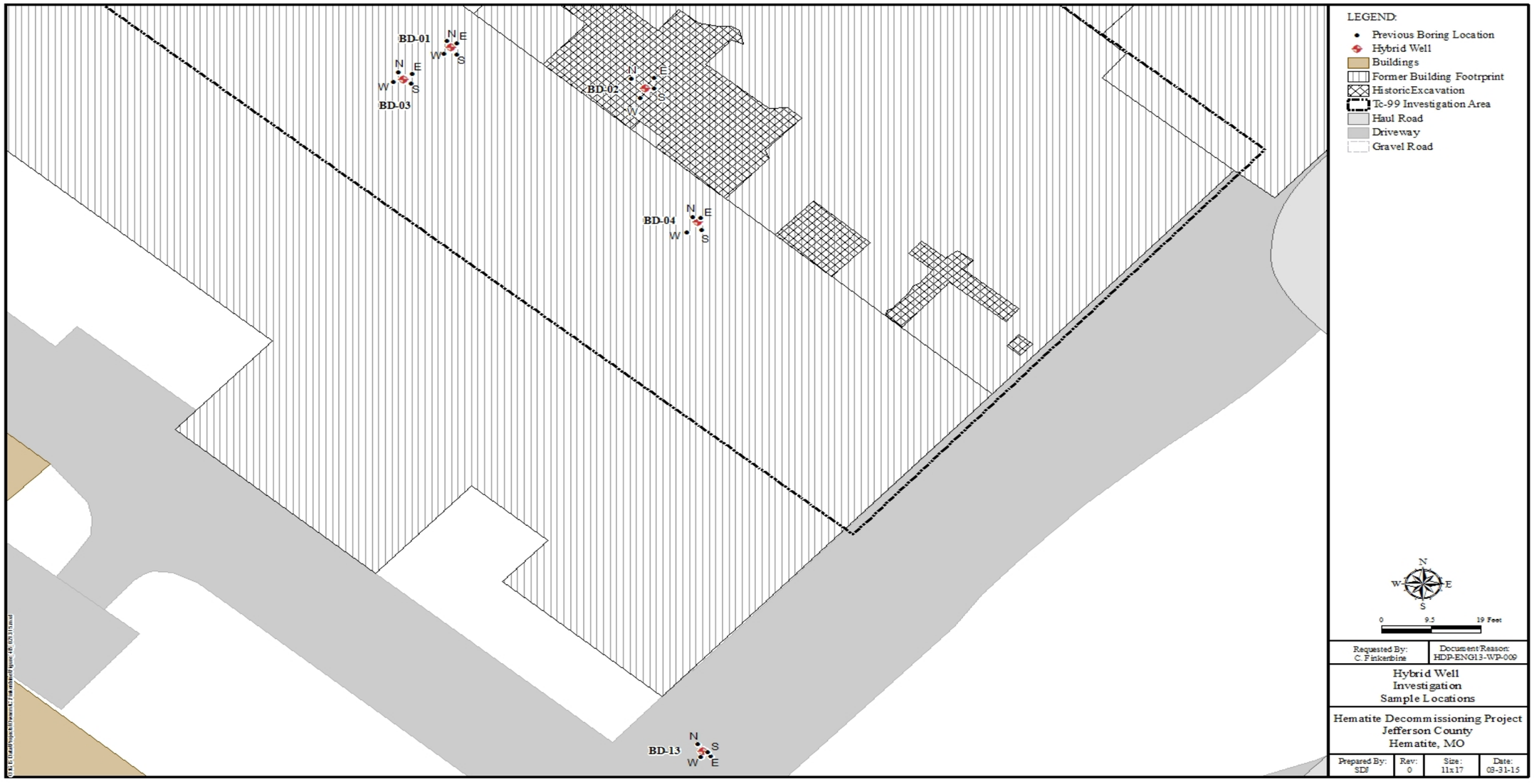


Figure 5C: Hybrid Well Investigation Sample Locations

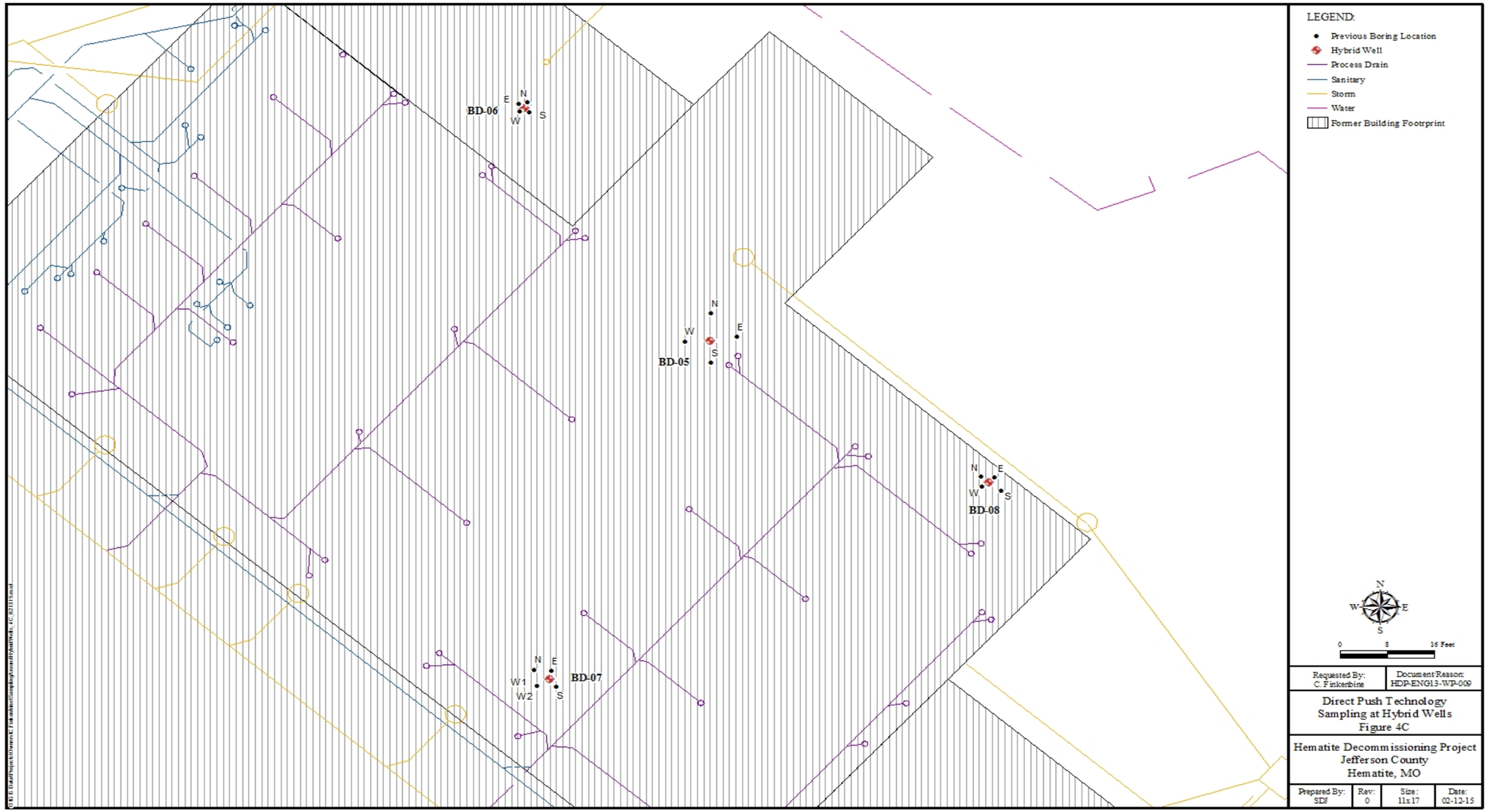


Figure 5D: Hybrid Well Investigation Sample Locations

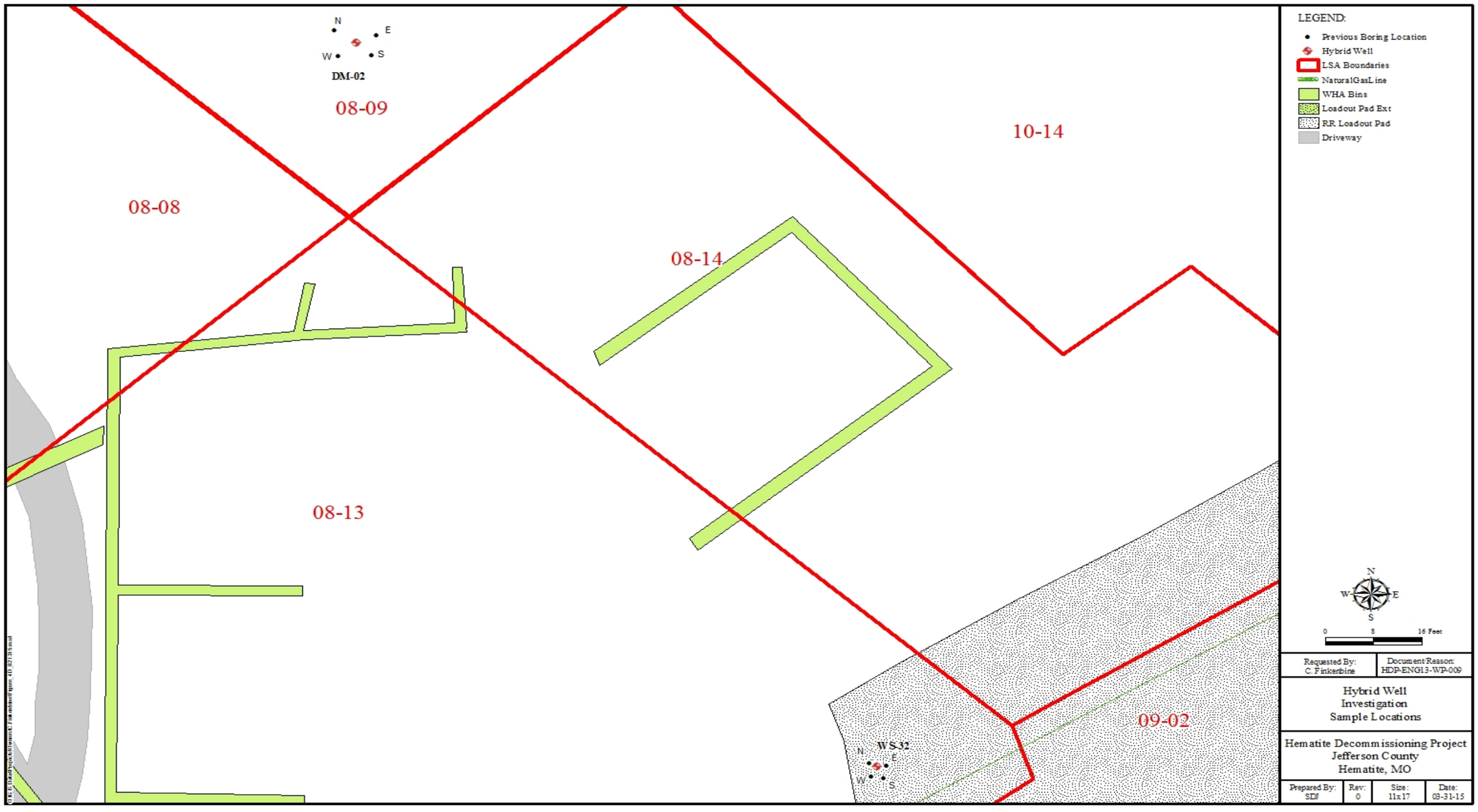
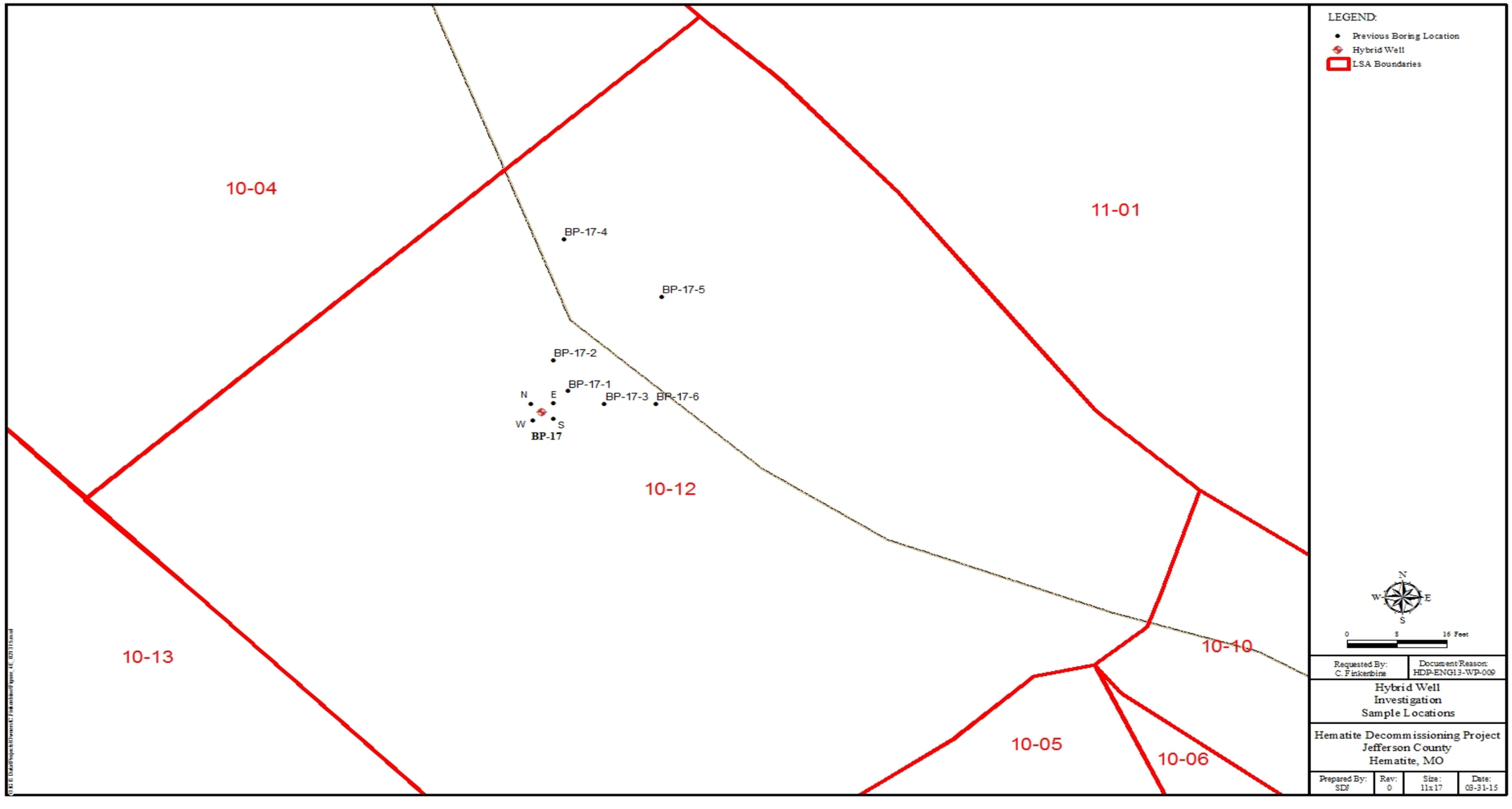


Figure 5E: Hybrid Well Investigation Sample Locations



Attachment 1
Process Buildings Subsurface Archive Soil Sample Results

Station ID	Sample ID	Depth (ft)	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 * (pCi/g)			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD-17	BD-17-8-SL	4-8	1.50	0.25	0.34	0.30	0.49	0.30	1.22	0.18	0.36	4.79	-	-	0.26	0.70	0.42	1.80	3.10	1.80	0.17	0.48
BD-17	BD-17-12.5-SL	8.5-12.5	1.50	0.18	0.26	0.09	0.48	0.28	1.27	0.20	0.25	3.90	-	-	0.21	0.58	0.35	1.70	2.40	1.50	0.17	0.49
BD-17	BD-17-16.5-SL	12.5-16.5	1.84	0.19	0.32	-0.31	0.45	0.24	1.29	0.33	0.30	2.61	-	-	0.14	0.63	0.37	1.20	2.80	1.70	0.24	0.66
BD-17	BD-17-20.5-SL	16.5-20.5	1.45	0.17	0.24	-0.30	0.41	0.22	1.58	0.15	0.31	1.10	-	-	-0.09	0.66	0.39	1.10	2.60	1.50	0.22	0.59
BD-18	BD-18-8-SL	4-8	1.43	0.18	0.26	0.03	0.49	0.28	1.55	0.27	0.27	2.11	-	-	0.10	0.64	0.37	2.50	2.60	2.10	0.21	0.58
BD-18	BD-18-12.5-SL	8.5-12.5	1.05	0.20	0.21	-0.20	0.50	0.27	1.25	0.27	0.25	3.09	-	-	0.17	0.46	0.28	0.84	1.50	0.89	0.08	0.23
BD-18	BD-18-16-SL	12.5-16.5	1.56	0.13	0.26	-0.17	0.48	0.27	0.91	0.36	0.31	5.15	-	-	0.28	0.69	0.42	1.90	2.20	1.60	0.13	0.39
BD-18	BD-18-20.5-SL	16.5-20.5	1.37	0.14	0.21	-0.14	0.47	0.27	0.90	0.28	0.23	1.63	-	-	0.05	0.47	0.28	0.00	2.40	1.40	0.09	0.26
BD-19	BD-19-8-SL	4-8	1.09	0.19	0.22	0.05	0.45	0.26	1.45	0.22	0.26	1.68	-	-	0.09	0.59	0.35	0.80	2.50	1.40	0.13	0.34
BD-19	BD-19-10-SL	8.5-10	1.44	0.21	0.29	-0.13	0.41	0.23	1.20	0.22	0.32	1.20	-	-	-0.06	0.60	1.80	1.20	2.40	1.40	0.14	0.40
BD-19	BD-19-12.5-SL	10.5-12.5	1.21	0.19	0.22	0.00	0.44	0.25	1.47	0.23	0.29	0.97	-	-	0.04	0.43	0.25	2.05	1.00	0.89	0.15	0.42
BD-19	BD-19-16.5-SL	12.5-16.5	1.57	0.20	0.27	-0.18	0.47	0.26	1.45	0.14	0.27	2.10	-	-	-0.08	0.70	12.00	2.10	2.10	1.70	0.22	0.60
BD-19	BD-19-20.5-SL	16.5-20.5	1.43	0.20	0.25	0.08	0.49	0.29	1.64	0.22	0.29	1.74	-	-	0.08	0.53	0.31	2.40	1.90	1.40	0.23	0.63
BD-20	BD-20-8.5-SL	4.5-8.5	1.08	0.14	0.21	0.11	0.47	0.28	1.30	0.23	0.25	2.74	-	-	0.15	0.61	0.36	0.90	2.60	1.50	0.10	0.27
BD-20	BD-20-12.5-SL	8.5-12.5	1.45	0.16	0.27	0.04	0.48	0.28	1.19	0.21	0.31	0.60	-	-	-0.02	0.46	0.26	0.60	2.60	1.50	0.14	0.39
BD-20	BD-20-16-SL	12.5-16	1.81	0.14	0.25	-0.02	0.42	0.24	0.97	0.30	0.27	2.96	-	-	0.16	0.49	0.29	1.20	1.80	1.10	0.17	0.50
BD-20	BD-20-20.5-SL	16.5-20.5	1.17	0.18	0.25	-0.11	0.51	0.29	1.49	0.15	0.27	3.87	-	-	0.21	0.58	0.35	1.50	2.60	1.60	0.15	0.42
BD-21	BD-21-8.5-SL	5-8.5	1.48	0.19	0.25	0.45	0.47	0.30	1.41	0.17	0.26	1.23	-	-	0.06	0.61	0.36	1.20	2.20	1.30	0.20	0.54
BD-21	BD-21-12-SL	9-12	1.26	0.16	0.22	0.21	0.43	0.26	1.09	0.10	0.22	3.53	-	-	0.18	0.51	0.30	2.70	2.30	1.90	0.10	0.28
BD-21	BD-21-16.5-SL	12.5-16.5	1.61	0.18	0.25	0.21	0.39	0.24	1.24	0.27	0.22	2.40	-	-	0.13	0.48	0.28	0.90	1.60	1.00	0.19	0.52
BD-21	BD-21-20.5-SL	16.5-20.5	1.43	0.17	0.25	0.16	0.42	0.25	0.88	0.29	0.20	1.74	-	-	0.08	0.56	0.32	2.24	1.90	0.82	0.11	0.31
BD-22	BD-22-8.5-SL	5-8.5	1.01	0.15	0.20	0.02	0.43	0.25	0.89	0.31	0.22	1.73	-	-	-0.01	0.48	0.40	1.73	1.80	0.85	0.03	0.08
BD-22	BD-22-12-SL	9-12	1.12	0.11	0.22	0.04	0.46	0.27	1.00	0.34	0.28	1.30	-	-	0.07	0.47	0.27	0.10	2.10	1.20	0.04	0.13
BD-22	BD-22-16.5-SL	12.5-16.5	1.13	0.23	0.28	0.04	0.41	0.24	1.12	0.18	0.27	3.72	-	-	0.19	0.51	0.31	2.90	2.00	1.40	0.08	0.22
BD-22	BD-22-20.5-SL	16.5-20.5	1.16	0.17	0.25	0.12	0.51	0.30	1.58	0.17	0.38	1.09	-	-	0.05	0.58	0.33	1.50	2.90	1.70	0.17	0.45
BD-23	BD-23-8.5-SL	5-8.5	0.92	0.19	0.20	1.72	0.41	0.36	1.06	0.12	0.21	1.20	-	-	-0.05	0.60	3.70	1.20	1.50	0.60	0.04	0.12
BD-23	BD-23-12.5-SL	9-12.5	1.24	0.17	0.23	0.15	0.49	0.29	0.92	0.29	0.22	1.81	-	-	0.10	0.59	0.34	0.30	2.40	1.40	0.07	0.20
BD-24	BD-24-8.5-SL	5-8.5	1.33	0.16	0.26	-0.05	0.51	0.29	1.55	0.25	0.34	10.33	-	-	0.57	0.40	0.31	1.60	2.50	1.50	0.20	0.57
BD-24	BD-24-12.5-SL	8.5-12.5	1.31	0.15	0.24	-0.14	0.54	0.31	1.35	0.14	0.29	1.45	-	-	0.06	0.35	0.20	2.40	2.20	1.70	0.15	0.41
BD-24	BD-24-16.5-SL	13-16.5	1.10	0.21	0.26	0.26	0.51	0.31	0.99	0.30	0.25	4.36	-	-	0.23	0.52	0.32	2.50	2.30	1.80	0.05	0.16
BD-24	BD-24-20.5-SL	17-20.5	1.23	0.20	0.28	-0.08	0.52	0.30	1.38	0.36	0.29	3.48	-	-	0.19	0.59	0.35	1.20	2.80	1.60	0.14	0.39
BD-25	BD-25-8-SL	4.5-8	1.36	0.18	0.25	0.11	0.54	0.32	1.48	0.28	0.29	2.42	-	-	0.12	0.63	0.37	2.10	2.40	1.70	0.19	0.51
BD-25	BD-25-12.5-SL	8-12.5	1.41	0.21	0.29	0.81	0.48	0.33	1.25	0.14	0.27	9.47	-	-	0.52	0.70	0.43	1.20	2.80	1.70	0.17	0.49
BD-25	BD-25-16-SL	12.5-16	1.34	0.16	0.23	0.15	0.54	0.32	0.93	0.24	0.26	3.41	-	-	0.18	0.45	0.27	1.90	1.30	1.10	0.09	0.27
BD-26	BD-26-12-SL	8.5-12	1.24	0.12	0.19	0.31	0.52	0.32	0.99	0.24	0.21	0.14	-	-	0.00	0.44	0.25	1.90	1.30	1.10	0.07	0.20

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Station ID	Sample ID	Depth (ft)	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 * (pCi/g)			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD-26	BD-26-16.5-SL	12.5-16.5	1.20	0.14	0.23	-0.22	0.56	0.31	0.88	0.14	0.23	2.05	-	-	0.11	0.50	0.29	0.90	2.20	1.30	0.06	0.18
BD-26	BD-26-20-SL	16.5-20	1.53	0.17	0.26	0.36	0.50	0.31	1.58	0.27	0.26	2.94	-	-	0.16	0.57	0.34	1.10	2.30	1.30	0.24	0.66
BD-27	BD-27-8.5-SL	4.5-8.5	1.21	0.15	0.25	0.05	0.47	0.28	0.92	0.48	0.28	2.08	-	-	0.11	0.65	0.38	1.20	2.70	1.60	0.06	0.19
BD-27	BD-27-12-SL	8.5-12	1.18	0.20	0.23	0.15	0.45	0.27	1.07	0.09	0.23	2.62	-	-	0.14	0.56	0.33	1.29	1.70	0.63	0.07	0.21
BD-27	BD-27-16.5-SL	13-16.5	1.20	0.14	0.21	0.09	0.49	0.29	1.16	0.29	0.22	0.87	-	-	0.04	0.37	0.21	1.14	1.60	0.97	0.09	0.25
BD-27	BD-27-20.5-SL	16.5-20.5	1.11	0.33	0.33	0.27	0.48	0.30	0.98	0.42	0.33	1.40	-	-	-0.14	0.56	0.33	1.40	2.00	1.20	0.05	0.14
BD-28	BD-28-8-SL	4.5-8	1.08	0.17	0.21	0.31	0.47	0.29	1.09	0.14	0.23	7.24	-	-	0.40	0.54	0.34	1.40	2.60	1.50	0.07	0.21
BD-28	BD-28-12-SL	8.5-12	1.16	0.19	0.26	0.16	0.48	0.29	1.11	0.33	0.26	3.62	-	-	0.19	0.73	0.43	2.10	2.30	1.80	0.08	0.23
BD-28	BD-28-16.5-SL	12.5-16.5	1.19	0.18	0.23	0.52	0.43	0.28	0.94	0.20	0.23	3.87	-	-	0.21	0.49	0.29	1.50	1.60	1.20	0.07	0.21
BD-29	BD-29-8-SL	4.5-8	1.21	0.22	0.29	0.26	0.44	0.27	1.76	0.16	0.40	1.99	-	-	0.10	0.57	0.33	1.60	2.90	1.70	0.21	0.58
BD-29	BD-29-12.5-SL	8.5-12.5	1.23	0.17	0.22	0.87	0.48	0.34	1.02	0.39	0.24	1.07	-	-	0.04	0.53	0.30	2.70	2.50	1.90	0.08	0.24
BD-29	BD-29-16.5-SL	12.5-16.5	1.21	0.13	0.23	0.99	0.46	0.33	1.20	0.21	0.26	5.62	-	-	0.31	0.48	0.30	1.30	2.10	1.30	0.12	0.35
BD-29	BD-29-20.5-SL	17-20.5	1.29	0.19	0.23	1.13	0.54	0.39	1.16	0.32	0.38	5.56	-	-	0.30	0.54	0.32	2.40	1.70	1.40	0.13	0.38
BD-30	BD-30-8.5-SL	4.5-8.5	1.42	0.18	0.28	5.22	0.49	0.67	1.09	0.30	0.29	1.10	-	-	-0.13	0.57	0.33	1.10	2.40	1.50	0.19	0.54
BD-30	BD-30-16.5-SL	12.5-16.5	1.32	0.22	0.29	14.40	0.50	1.40	1.29	0.16	0.33	3.31	-	-	0.18	0.53	0.31	1.20	2.50	1.50	0.33	0.97
BD-30	BD-30-20.5-SL	16.5-20.5	1.24	0.16	0.23	8.12	0.48	0.90	0.97	0.40	0.25	4.78	-	-	0.26	0.51	0.31	1.74	2.00	0.88	0.18	0.54
BD-31	BD-31-8-SL	4.5-8	1.27	0.14	0.22	0.07	0.48	0.29	1.31	0.16	0.28	2.98	-	-	0.16	0.56	0.33	1.30	2.50	1.50	0.14	0.38
BD-31	BD-31-12.5-SL	9-12.5	1.29	0.21	0.29	-0.08	0.45	0.25	1.38	0.17	0.30	3.00	-	-	0.16	0.61	0.36	1.50	2.90	1.70	0.15	0.42
BD-31	BD-31-16.5-SL	12.5-16.5	1.72	0.17	0.32	-0.08	0.48	0.27	1.35	0.55	0.41	4.73	-	-	0.26	0.79	0.47	0.60	3.50	2.00	0.23	0.64
BD-31	BD-31-20.5-SL	16.5-20.5	1.33	0.21	0.27	-0.15	0.49	0.28	1.43	0.18	0.27	3.51	-	-	0.19	0.54	0.32	1.40	2.90	1.70	0.17	0.47
BD-32	BD-32-8.5-SL	4.5-8.5	1.34	0.14	0.21	0.24	0.42	0.26	1.29	0.17	0.28	2.40	-	-	0.13	0.54	0.32	0.90	2.40	1.50	0.15	0.41
BD-32	BD-32-12.5-SL	8.5-12.5	1.36	0.18	0.28	0.42	0.49	0.31	1.54	0.17	0.39	0.68	-	-	0.03	0.48	0.27	1.10	2.70	1.60	0.20	0.54
BD-32	BD-32-16-SL	13-16	1.11	0.16	0.21	0.29	0.49	0.30	1.27	0.26	0.26	3.53	-	-	0.19	0.42	0.25	1.53	1.50	0.95	0.10	0.29
BD-33	BD-33-8.5-SL	4.5-8.5	1.31	0.16	0.26	5.61	0.55	0.72	1.23	0.41	0.31	4.91	-	-	0.27	0.55	0.33	1.40	2.60	1.60	0.21	0.59
BD-33	BD-33-12-SL	8.5-12	1.55	0.19	0.29	15.40	0.50	1.50	1.39	0.15	0.25	3.35	-	-	0.18	0.57	0.34	1.50	2.40	1.40	0.41	**1.18**
BD-33	BD-33-16.5-SL	13-16.5	1.27	0.17	0.24	27.50	0.50	2.50	0.76	0.45	0.29	7.44	-	-	0.41	0.61	0.38	1.78	2.90	0.95	0.45	**1.35**
BD-33	BD-33-20.5-SL	16.5-20.5	1.55	0.21	0.33	15.40	0.50	1.50	0.69	0.46	0.36	5.85	-	-	0.32	0.63	0.38	1.90	2.90	1.80	0.34	**1.00**
BD-36	BD-36-8-SL	4.5-8	1.54	0.13	0.27	-0.25	0.54	0.30	1.64	0.22	0.35	3.66	-	-	0.20	0.60	0.36	1.20	2.60	1.50	0.25	0.69
BD-36	BD-36-12-SL	8.5-12	1.43	0.22	0.31	-0.06	0.54	0.31	1.34	0.26	0.31	2.48	-	-	0.13	0.69	0.40	1.46	3.00	0.78	0.17	0.47
BD-36	BD-36-16.5-SL	12.5-16.5	1.41	0.17	0.23	0.31	0.54	0.33	1.43	0.15	0.29	1.70	-	-	-0.09	0.50	2.20	1.70	1.70	1.20	0.19	0.51
BD-37	BD-37-8.5-SL	5-8.5	1.47	0.17	0.28	0.42	0.52	0.33	1.65	0.27	0.42	6.90	-	-	0.38	0.76	0.46	1.80	3.20	1.90	0.25	0.70
BD-37	BD-37-12.5-SL	9-12.5	1.31	0.17	0.24	0.20	0.55	0.33	1.08	0.22	0.29	6.79	-	-	0.37	0.62	0.38	2.34	2.40	0.84	0.11	0.32
BD-37	BD-37-16.5-SL	12.5-16.5	1.46	0.12	0.27	0.15	0.55	0.33	1.43	0.18	0.31	3.10	-	-	0.00	0.70	0.40	3.10	2.20	1.70	0.20	0.55
BD-37	BD-37-20.5-SL	16.5-20.5	0.90	0.17	0.21	0.07	0.59	0.35	0.94	0.15	0.23	4.77	-	-	0.26	0.39	0.24	1.70	2.20	1.40	0.01	0.04
BD-39	BD-39-8-SL	4.5-8	1.18	0.18	0.24	0.22	0.43	0.26	1.11	0.27	0.22	0.60	-	-	-0.06	0.60	2.20	0.60	2.40	1.40	0.08	0.22

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Station ID	Sample ID	Depth (ft)	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 * (pCi/g)			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD-39	BD-39-12.5-SL	8.5-12.5	1.07	0.18	0.22	-0.09	0.43	0.24	0.44	0.33	0.24	0.70	-	-	-0.15	0.52	0.54	0.70	2.40	1.40	0.03	0.10
NB-101	NB-101-6.5-SL	4.5-6.5	1.48	0.16	0.28	0.18	0.44	0.27	1.23	0.29	0.33	0.80	-	-	-0.04	0.62	0.36	0.80	2.70	1.60	0.16	0.44
NB-101	NB-101-8.5-SL	7-8.5	1.29	0.23	0.30	3.65	0.46	0.53	1.68	0.28	0.36	6.72	-	-	0.36	0.68	0.41	3.10	2.70	1.00	0.27	0.75
NB-101	NB-101-12.5-SL	8.5-12.5	1.31	0.21	0.26	3.32	0.43	0.49	1.34	0.32	0.37	14.30	-	-	0.79	0.52	0.42	2.60	2.60	1.00	0.21	0.62
NB-101	NB-101-16.5-SL	12.5-16.5	1.59	0.11	0.25	3.23	0.48	0.51	1.63	0.21	0.32	8.81	-	-	0.48	0.60	0.38	3.10	2.30	1.80	0.31	0.88
NB-101	NB-101-20.5-SL	16.5-20.5	1.42	0.17	0.24	1.40	0.46	0.36	0.99	0.34	0.24	4.69	-	-	0.25	0.57	0.34	2.26	2.10	0.88	0.13	0.37
NB-103	NB-103-8.5-SL	4.5-8.5	1.45	0.22	0.29	1.93	0.41	0.37	1.41	0.25	0.35	5.46	-	-	0.30	0.57	0.35	0.70	2.80	1.60	0.22	0.61
NB-103	NB-103-12.5-SL	8.5-12.5	1.45	0.20	0.28	0.78	0.49	0.33	1.48	0.23	0.30	3.53	-	-	0.18	0.52	0.31	2.70	1.60	1.30	0.21	0.60
NB-103	NB-103-13-SL	12.5-13	1.09	0.28	0.28	4.43	0.43	0.58	1.45	0.35	0.29	14.61	-	-	0.80	0.50	0.45	4.50	1.60	1.60	0.21	0.62
NB-103	NB-103-16.5-SL	13.5-16.5	1.61	0.15	0.29	0.32	0.53	0.33	1.53	0.28	0.36	0.09	-	-	0.00	0.49	0.27	2.10	2.80	1.70	0.24	0.66
NB-103	NB-103-20.5-SL	16.5-20.5	1.35	0.19	0.28	1.78	0.47	0.39	1.10	0.16	0.32	6.18	-	-	0.34	0.56	0.34	1.63	2.70	0.83	0.14	0.41
NB-105	NB-105-8-SL	4-8	1.63	0.16	0.29	-0.08	0.51	0.29	0.89	0.44	0.36	2.72	-	-	0.15	0.67	0.39	0.60	2.90	1.70	0.14	0.40
NB-105	NB-105-12-SL	8.5-12	1.44	0.18	0.26	-0.16	0.43	0.24	1.52	0.12	0.26	3.83	-	-	0.21	0.64	0.38	1.10	2.80	1.70	0.21	0.57
NB-105	NB-105-15-SL	12.5-15	1.29	0.16	0.23	-0.24	0.49	0.27	1.24	0.31	0.24	1.73	-	-	0.09	0.53	0.31	1.10	2.40	1.50	0.12	0.34
NB-105	NB-105-16.5-SL	15.5-16.5	1.29	0.34	0.33	-0.18	0.46	0.26	1.27	0.46	0.37	5.07	-	-	0.28	0.72	0.43	1.00	2.20	1.30	0.13	0.38
NB-105	NB-105-20-SL	16.5-20	1.24	0.24	0.31	-0.13	0.57	0.32	0.95	0.49	0.31	4.53	-	-	0.25	0.55	0.33	1.00	3.00	1.70	0.07	0.21
NB-106	NB-106-7-SL	4.5-7	1.23	0.18	0.23	-0.04	0.53	0.30	1.56	0.31	0.30	4.35	-	-	0.24	0.53	0.32	0.80	1.80	1.10	0.18	0.49
NB-106	NB-106-8.5-SL	7.5-8.5	1.15	0.22	0.23	-0.14	0.50	0.28	1.42	0.26	0.31	0.32	-	-	0.01	0.54	0.32	1.43	1.10	0.54	0.13	0.35
NB-106	NB-106-12-SL	8.5-12	1.18	0.24	0.27	-0.24	0.52	0.29	1.41	0.30	0.26	1.52	-	-	0.07	0.63	0.36	1.90	1.70	1.20	0.14	0.37
NB-106	NB-106-16-SL	12-16	1.39	0.21	0.30	-0.22	0.50	0.28	1.00	0.34	0.34	4.53	-	-	0.25	0.54	0.32	1.00	2.70	1.60	0.10	0.29
NB-106	NB-106-20-SL	16-20	1.36	0.17	0.27	-0.23	0.60	0.33	1.52	0.30	0.35	2.40	-	-	0.13	0.65	0.38	0.90	2.70	1.60	0.19	0.52
NB-113	NB-113-8.5-SL	4.5-8.5	1.45	0.21	0.32	-0.08	0.48	0.28	1.32	0.39	0.41	6.12	-	-	0.33	0.69	0.41	0.50	3.70	2.10	0.17	0.49
NB-113	NB-113-12.5-SL	8.5-12.5	1.33	0.16	0.23	-0.18	0.60	0.34	1.29	0.27	0.25	1.00	-	-	-0.01	0.55	0.32	1.00	1.70	1.00	0.14	0.38
NB-113	NB-113-19-SL	16.5-19	1.40	0.26	0.33	0.09	0.54	0.32	1.36	0.37	0.41	1.00	-	-	-0.08	0.60	2.50	1.00	3.40	2.00	0.17	0.46
NB-113	NB-113-20.5-SL	19.5-20.5	1.37	0.33	0.33	-0.03	0.53	0.30	1.16	0.56	0.33	4.54	-	-	0.25	0.79	0.47	1.20	2.00	1.30	0.13	0.36
NB-115	NB-115-8.5-SL	4.5-8.5	1.38	0.18	0.30	-0.12	0.48	0.27	1.97	0.19	0.47	6.20	-	-	0.34	0.63	0.38	1.90	2.90	1.70	0.29	0.79
NB-115	NB-115-12-SL	8.5-12	1.37	0.22	0.30	-0.10	0.48	0.27	1.38	0.20	0.34	4.85	-	-	0.25	0.58	0.35	3.40	2.60	2.00	0.17	0.49
NB-115	NB-115-16.5-SL	12.5-16.5	1.11	0.17	0.25	0.00	0.43	0.25	1.04	0.53	0.31	2.18	-	-	0.11	0.68	0.39	1.75	3.00	0.88	0.05	0.15

*U-234 results without ±2σ and MDC are calculated inferred results using the method from Section 14.1.4.3.3 and Table 14-5 of the Decommissioning Plan (DP) (Reference 10):
- When U-235 is negative or zero and U-238 is reported as positive, natural Uranium is assumed and the U-234 concentration = U-238 concentration.
- When U-235 is positive and U-238 is negative or zero, highly enriched uranium is assumed and the U-234 concentration = (U-235 concentration)(32.50). U-234:U-235 ratio is based on 100 percent enrichment.
- When both U-235 and U-238 data are positive, but the U-238:U-235 ratio for the data is less than 0.0001 (indicating highly enriched uranium), the U-234 concentration = (U-235 concentration)(32.50).
- When both U-235 and U-238 data are positive, but the U-238:U-235 ratio for the data is greater than 155.37 (indicating depleted uranium), the U-234 concentration = (U-235 concentration)(46.31). This is the smallest U-234:U-235 ratio from Table 14-5 of the DP.
- When both U-235 and U-238 data are positive, and the U-238:U-235 ratio is not any of the cases listed above, then the U-238:U-235 ratio for the data is used to determine the associated U-234:U-235 ratio from Table 14-5 of the DP.
- When both U-235 and U-238 data are negative or zero, U-234 concentration = 0.

Attachment 2
Former Process Buildings Investigation Area

Station ID	Depth below existing grade (ft)	Depth below Original Grade(ft)*	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)**			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc.	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
Tc-99-1	0-4	0-4	5874-SS-130724-05-01	7/24/2013	0.71	0.12	0.07	0.10	0.03	0.29	1.24	0.22	0.09	4.99	-	-	0.27	0.14	0.15	1.42	0.63	0.82	**NA**	0.16
Tc-99-1	4-8	4-8	5874-SS-130724-05-02	7/24/2013	0.86	0.15	0.09	0.05	0.05	0.26	1.10	0.19	0.16	3.77	-	-	0.21	0.15	0.25	1.07	0.43	1.04	0.03	0.08
Tc-99-1	4-8	4-8	5874-SS-130724-05-03	7/24/2013	0.82	0.23	0.20	0.04	0.04	0.25	0.92	0.30	0.47	3.75	-	-	0.19	0.32	0.54	3.51	1.94	2.42	0.01	0.05
Tc-99-1	8-12	8-12	5874-SS-130724-05-04	7/24/2013	0.73	0.12	0.07	0.13	0.05	0.29	1.16	0.18	0.07	2.30	-	-	0.12	0.11	0.15	0.98	0.31	0.76	0.04	0.11
Tc-99-1	12-16	12-16	5874-SS-130724-05-05	7/24/2013	0.78	0.14	0.10	0.14	0.11	0.27	1.28	0.20	0.15	1.31	-	-	-0.02	0.06	0.28	1.31	0.45	1.05	0.06	0.16
Tc-99-1	16-20	16-20	5874-SS-130724-05-06	7/24/2013	0.78	0.12	0.05	0.06	0.08	0.25	1.11	0.17	0.09	1.19	-	-	0.05	0.14	0.23	1.60	0.73	0.87	0.03	0.07
Tc-99-1	20-24	20-24	5874-SS-130724-05-07	7/24/2013	0.68	0.11	0.06	0.15	0.16	0.28	1.23	0.22	0.10	1.30	-	-	0.07	0.14	0.25	0.73	0.34	0.89	0.05	0.13
Tc-99-1	24-26	24-26	5874-SS-130724-05-08	7/24/2013	0.90	0.23	0.19	0.14	0.08	0.28	0.86	0.27	0.20	3.47	-	-	0.18	0.29	0.49	1.93	1.61	2.27	0.01	0.04
Tc-99-1	26-26.5	26-26.5	5874-SS-130724-05-09	7/24/2013	0.89	0.33	0.28	0.05	0.03	0.36	0.67	0.32	0.42	4.18	-	-	0.23	0.42	0.71	0.50	0.99	4.16	0.01	0.03
Tc-99-2	0-4	0-4	5872-SS-130724-05-01	7/24/2013	0.75	0.11	0.05	0.24	0.05	0.24	1.05	0.15	0.11	11.77	-	-	0.65	0.17	0.19	1.97	0.46	1.00	**NA**	0.12
Tc-99-2	4-8	4-8	5872-SS-130724-05-02	7/24/2013	0.52	0.11	0.12	0.27	0.06	0.25	1.13	0.19	0.08	2.36	-	-	0.12	0.15	0.24	2.09	0.78	0.89	0.04	0.10
Tc-99-2	8-12	8-12	5872-SS-130724-05-03	7/24/2013	0.82	0.14	0.08	0.10	0.02	0.24	1.16	0.18	0.11	2.03	-	-	0.10	0.14	0.23	1.59	0.67	0.84	0.04	0.11
Tc-99-2	12-16	12-16	5872-SS-130724-05-04	7/24/2013	0.93	0.15	0.07	0.20	0.04	0.25	1.23	0.20	0.08	2.14	-	-	0.11	0.17	0.26	1.58	0.85	0.98	0.06	0.16
Tc-99-2	16-20	16-20	5872-SS-130724-05-05	7/24/2013	0.77	0.13	0.07	0.06	0.07	0.25	0.87	0.17	0.09	1.48	-	-	0.07	0.13	0.22	1.43	0.67	0.85	0.01	0.02
Tc-99-2	20-24	20-24	5872-SS-130724-05-06	7/24/2013	1.03	0.14	0.05	0.25	0.08	0.24	1.12	0.16	0.11	1.00	-	-	0.05	0.14	0.23	0.88	0.28	0.69	0.05	0.15
Tc-99-2	24-28	24-28	5872-SS-130724-05-07	7/24/2013	0.74	0.13	0.08	0.12	0.13	0.25	1.14	0.17	0.05	2.27	-	-	0.12	0.16	0.27	1.62	0.83	0.98	0.03	0.10
Tc-99-2	28-28.5	28-28.5	5872-SS-130724-05-08	7/24/2013	0.85	0.19	0.14	0.12	0.09	0.26	1.12	0.24	0.16	1.31	-	-	0.07	0.19	0.43	1.09	0.75	2.35	0.03	0.08
Tc-99-3	0-4	0-4	5852-SS-130723-05-01	7/23/2013	0.79	0.12	0.05	0.17	0.08	0.24	1.03	0.17	0.09	6.97	-	-	0.39	0.15	0.20	1.21	0.41	1.05	**NA**	0.07
Tc-99-3	4-8	4-8	5852-SS-130723-05-02	7/23/2013	0.82	0.13	0.09	0.11	0.05	0.25	1.18	0.21	0.12	7.92	-	-	0.44	0.19	0.23	1.74	0.89	1.04	0.05	0.15
Tc-99-3	8-12	8-12	5852-SS-130723-05-03	7/23/2013	0.86	0.13	0.06	0.04	0.03	0.24	1.05	0.16	0.11	2.43	-	-	0.13	0.16	0.23	0.74	0.37	1.03	0.01	0.05
Tc-99-3	12-16	12-16	5852-SS-130723-05-04	7/23/2013	0.86	0.13	0.07	0.05	0.04	0.26	1.12	0.17	0.12	5.85	-	-	0.32	0.16	0.22	1.60	0.80	0.98	0.03	0.11
Tc-99-3	16-20	16-20	5852-SS-130723-05-05	7/23/2013	0.77	0.13	0.07	0.12	0.06	0.25	1.00	0.20	0.14	2.86	-	-	0.16	0.19	0.26	1.00	0.39	0.97	0.01	0.03
Tc-99-3	20-24	20-24	5852-SS-130723-05-06	7/23/2013	0.90	0.16	0.09	0.01	0.01	0.27	1.06	0.21	0.11	1.92	-	-	0.10	0.16	0.27	1.28	0.41	0.98	0.02	0.05
Tc-99-3	24-27	24-27	5852-SS-130723-05-07	7/23/2013	0.88	0.22	0.21	0.04	0.04	0.25	1.73	0.34	0.24	5.38	-	-	0.29	0.33	0.44	1.90	1.34	1.91	0.15	0.41
Tc-99-3	24-27	24-27	5852-SS-130723-05-08	7/23/2013	1.09	0.26	0.21	0.04	0.03	0.26	1.36	0.30	0.23	0.48	-	-	-0.13	8.51	0.51	0.48	0.73	2.25	0.11	0.29
Tc-99-3	27-27.5	27-27.5	5852-SS-130723-05-09	7/23/2013	1.13	0.24	0.20	0.12	0.08	0.27	1.37	0.29	0.20	6.70	-	-	0.37	0.24	0.34	2.30	1.31	1.73	0.13	0.37
Tc-99-4	0-4	0-4	5873-SS-130724-05-01	7/24/2013	0.84	0.12	0.06	0.22	0.07	0.24	1.05	0.16	0.11	9.41	-	-	0.52	0.17	0.24	1.30	0.73	0.89	**NA**	0.10
Tc-99-4	4-8	4-8	5873-SS-130724-05-02	7/24/2013	0.84	0.13	0.06	0.32	0.08	0.24	1.05	0.16	0.11	6.02	-	-	0.33	0.13	0.17	1.45	0.72	0.87	0.03	0.08
Tc-99-4	8-12	8-12	5873-SS-130724-05-03	7/24/2013	0.92	0.14	0.07	0.37	0.13	0.24	1.12	0.17	0.11	8.05	-	-	0.44	0.17	0.20	1.30	0.67	0.85	0.05	0.14
Tc-99-4	12-16	12-16	5873-SS-130724-05-04	7/24/2013	0.97	0.16	0.09	0.54	0.10	0.24	1.10	0.18	0.11	8.51	-	-	0.47	0.19	0.22	0.92	0.36	1.05	0.05	0.17
Tc-99-4	16-20	16-20	5873-SS-130724-05-05	7/24/2013	0.86	0.12	0.05	0.52	0.09	0.25	1.00	0.15	0.10	5.34	-	-	0.30	0.13	0.18	0.99	0.29	0.68	0.02	0.06
Tc-99-4	20-24	20-24	5873-SS-130724-05-06	7/24/2013	0.76	0.11	0.06	0.27	0.07	0.25	1.04	0.15	0.10	2.45	-	-	0.14	0.10	0.16	0.66	0.31	0.85	0.02	0.05
Tc-99-4	24-26	24-26	5873-SS-130724-05-07	7/24/2013	0.85	0.15	0.09	0.23	0.07	0.24	1.01	0.19	0.15	6.34	-	-	0.35	0.18	0.20	1.10	0.36	0.84	0.02	0.06
Tc-99-4	26-26.5	26-26.5	5873-SS-130724-05-08	7/24/2013	0.73	0.23	0.21	0.05	0.03	0.25	1.37	0.28	0.14	7.19	-	-	0.39	0.31	0.47	2.77	1.78	2.46	0.09	0.25

Attachment 2
Former Process Buildings Investigation Area

Station ID	Depth below existing grade (ft)	Depth below Original Grade(ft)*	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)**			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc.	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
Tc-99-5	2-4	2-4	5870-SS-130724-05-01	7/24/2013	1.06	0.25	0.19	0.33	0.05	0.25	1.03	0.30	0.14	6.09	-	-	0.34	0.39	0.62	0.95	0.87	2.57	**NA**	0.16
Tc-99-5	4-8	4-8	5870-SS-130724-05-02	7/24/2013	0.73	0.13	0.08	0.15	0.06	0.24	1.09	0.17	0.10	0.24	-	-	0.01	0.03	0.23	1.32	0.72	0.88	0.02	0.06
Tc-99-5	8-12	8-12	5870-SS-130724-05-03	7/24/2013	0.76	0.13	0.08	0.19	0.06	0.26	1.10	0.19	0.10	1.98	-	-	0.10	0.11	0.22	1.29	0.35	0.81	0.03	0.08
Tc-99-5	12-16	12-16	5870-SS-130724-05-04	7/24/2013	0.80	0.13	0.07	0.19	0.04	0.25	0.98	0.18	0.13	1.83	-	-	0.10	0.15	0.22	0.82	0.35	0.91	0.01	0.02
Tc-99-5	16-20	16-20	5870-SS-130724-05-05	7/24/2013	0.91	0.14	0.06	0.42	0.07	0.26	1.30	0.24	0.10	3.20	-	-	0.18	0.17	0.27	1.05	0.82	1.05	0.07	0.20
Tc-99-5	20-24	20-24	5870-SS-130724-05-06	7/24/2013	0.83	0.12	0.05	0.31	0.04	0.27	1.08	0.16	0.10	1.43	-	-	0.08	0.13	0.21	0.68	0.30	0.84	0.02	0.07
Tc-99-5	24-28	24-28	5870-SS-130724-05-07	7/24/2013	0.73	0.12	0.07	0.30	0.05	0.26	1.23	0.20	0.09	1.47	-	-	0.07	0.13	0.24	1.21	0.69	0.89	0.05	0.14
Tc-99-5	28-28.5	28-28.5	5870-SS-130724-05-08	7/24/2013	0.97	0.28	0.25	0.59	0.12	0.26	0.98	0.30	0.47	5.36	-	-	0.28	0.29	0.70	3.44	1.99	2.67	0.03	0.11
Tc-99-5	28.5-29	28.5-29	5870-SS-130724-05-09	7/24/2013	0.83	0.28	0.24	0.29	0.19	0.28	0.77	0.44	0.68	7.39	-	-	0.41	0.46	0.78	1.64	1.25	3.94	0.02	0.07
Tc-99-6	0-4	0-4	5871-SS-130724-05-01	7/24/2013	0.82	0.13	0.07	0.56	0.11	0.33	1.13	0.19	0.17	20.71	-	-	1.14	0.24	0.22	5.42	1.00	0.96	**NA**	0.25
Tc-99-6	4-8	4-8	5871-SS-130724-05-02	7/24/2013	0.74	0.13	0.07	0.27	0.10	0.28	1.00	0.18	0.13	3.50	-	-	0.19	0.15	0.18	1.58	0.78	0.92	0.01	0.04
Tc-99-6	8-12	8-12	5871-SS-130724-05-03	7/24/2013	0.81	0.12	0.06	0.13	0.03	0.28	1.01	0.16	0.10	2.37	-	-	0.13	0.14	0.22	1.25	0.62	0.81	0.01	0.03
Tc-99-6	12-16	12-16	5871-SS-130724-05-04	7/24/2013	0.79	0.13	0.07	0.17	0.08	0.31	1.17	0.20	0.11	2.00	-	-	0.10	0.12	0.23	1.57	0.66	0.81	0.04	0.11
Tc-99-6	16-20	16-20	5871-SS-130724-05-05	7/24/2013	0.79	0.13	0.08	0.46	0.16	0.33	0.97	0.16	0.11	0.49	-	-	0.02	0.14	0.24	0.96	0.32	0.78	0.01	0.03
Tc-99-6	20-24	20-24	5871-SS-130724-05-06	7/24/2013	0.73	0.21	0.19	0.39	0.51	0.39	1.00	0.32	0.44	4.52	-	-	0.25	0.35	0.59	1.73	0.85	2.48	0.01	0.05
Tc-99-6	20-24	20-24	5871-SS-130724-05-07	7/24/2013	1.03	0.22	0.21	0.28	0.08	0.35	1.43	0.31	0.22	2.08	-	-	0.10	0.26	0.55	1.84	1.38	1.88	0.12	0.32
Tc-99-6	24-25.5	24-25.5	5871-SS-130724-05-08	7/24/2013	0.93	0.16	0.09	0.38	0.07	0.33	1.33	0.20	0.08	0.57	-	-	0.02	0.09	0.22	1.75	0.76	0.92	0.08	0.21
Tc-99-6	25.5-26	25.5-26	5871-SS-130724-05-09	7/24/2013	0.92	0.22	0.18	0.25	0.24	0.35	1.43	0.26	0.12	4.02	-	-	0.22	0.31	0.59	1.29	0.94	2.74	0.10	0.27
Tc-99-7	0-4	0-4	5896-SS-130725-05-01	7/25/2013	0.79	0.13	0.08	1.13	0.16	0.27	1.31	0.20	0.11	2.02	-	-	0.11	0.14	0.24	1.33	0.77	0.97	**NA**	0.22
Tc-99-7	4-8	4-8	5896-SS-130725-05-02	7/25/2013	0.81	0.13	0.07	2.25	0.30	0.26	1.18	0.18	0.10	1.49	-	-	0.07	0.14	0.17	1.81	0.83	0.95	0.07	0.20
Tc-99-7	8-12	8-12	5896-SS-130725-05-03	7/25/2013	0.77	0.13	0.07	1.89	0.39	0.26	1.23	0.18	0.11	2.03	-	-	0.11	0.13	0.21	0.93	0.35	0.86	0.07	0.21
Tc-99-7	12-16	12-16	5896-SS-130725-05-04	7/25/2013	0.83	0.15	0.08	2.34	0.28	0.25	1.19	0.20	0.19	2.21	-	-	0.11	0.16	0.29	1.68	0.84	1.04	0.07	0.21
Tc-99-7	16-18	16-18	5896-SS-130725-05-05	7/25/2013	1.13	0.27	0.21	1.85	0.23	0.26	0.75	0.26	0.50	4.58	-	-	0.25	0.34	0.59	1.70	0.85	2.05	0.08	0.23
Tc-99-7	20-24	20-24	5896-SS-130725-05-06	7/25/2013	0.78	0.13	0.06	190	21.4	0.26	1.06	0.16	0.12	2.01	-	-	0.11	0.13	0.23	0.91	0.34	0.86	**2.58**	**7.62**
Tc-99-7	24-28	24-28	5896-SS-130725-05-07	7/25/2013	0.80	0.14	0.08	52.00	5.33	0.24	1.30	0.26	0.14	1.75	-	-	0.09	0.17	0.27	0.89	0.35	0.88	0.76	**2.24**
Tc-99-7	28.5-29	28.5-29	5896-SS-130725-05-08	7/25/2013	0.81	0.25	0.23	6.54	0.75	0.25	1.25	0.30	0.13	1.62	-	-	0.08	0.27	0.67	1.56	1.62	2.35	0.14	0.40
Tc-99-8	0-4	0-4	5848-SS-130723-05-01	7/23/2013	0.93	0.15	0.08	2.64	0.28	0.24	1.14	0.20	0.14	13.98	-	-	0.77	0.21	0.22	1.86	0.51	1.15	**NA**	0.29
Tc-99-8	4-8	4-8	5848-SS-130723-05-02	7/23/2013	1.05	0.16	0.08	4.31	0.44	0.24	1.31	0.20	0.11	18.48	-	-	1.02	0.22	0.24	4.11	1.09	1.15	0.18	0.54
Tc-99-8	8-12	8-12	5848-SS-130723-05-03	7/23/2013	0.94	0.14	0.07	4.09	0.47	0.23	1.23	0.19	0.09	5.87	-	-	0.32	0.17	0.22	1.36	0.41	0.96	0.12	0.34
Tc-99-8	12-16	12-16	5848-SS-130723-05-04	7/23/2013	1.01	0.17	0.08	2.16	0.24	0.24	1.36	0.23	0.09	10.65	-	-	0.59	0.19	0.24	1.63	0.44	0.98	0.14	0.40
Tc-99-8	16-20	16-20	5848-SS-130723-05-05	7/23/2013	1.00	0.15	0.07	3.45	0.40	0.24	1.20	0.18	0.13	12.31	-	-	0.68	0.21	0.22	2.42	0.77	0.94	0.13	0.38
Tc-99-8	20-24	20-24	5848-SS-130723-05-06	7/23/2013	0.92	0.14	0.07	3.33	0.36	0.25	1.00	0.18	0.09	7.19	-	-	0.40	0.15	0.21	1.52	0.38	0.86	0.06	0.20
Tc-99-8	24-25.5	24-25.5	5848-SS-130723-05-07	7/23/2013	1.23	0.29	0.25	3.96	0.47	0.25	1.18	0.29	0.36	4.59	-	-	0.25	0.29	0.59	2.33	0.79	1.70	0.16	0.46
Tc-99-8	25.5-26	25.5-26	5848-SS-130723-05-08	7/23/2013	0.99	0.24	0.22	0.86	0.17	0.25	1.49	0.30	0.27	2.00	-	-	0.10	0.33	0.55	2.03	1.44	1.94	0.13	0.35

Attachment 2
Former Process Buildings Investigation Area

Station ID	Depth below existing grade (ft)	Depth below Original Grade(ft)*	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)**			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc.	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
Tc-99-9	0-4	0-4	5838-SS-130723-05-09	7/23/2013	1.10	0.29	0.18	0.69	0.11	0.25	1.38	0.46	0.25	8.14	-	-	0.45	0.43	0.69	1.83	2.06	2.98	**NA**	0.38
Tc-99-9	0-4	0-4	5838-SS-130723-05-10	7/23/2013	1.10	0.25	0.16	0.55	0.12	0.24	1.35	0.30	0.28	3.17	-	-	0.17	0.32	0.57	2.08	1.68	2.74	**NA**	0.33
Tc-99-9	4-8	4-8	5838-SS-130723-05-11	7/23/2013	0.73	0.12	0.09	0.14	0.02	0.24	1.02	0.16	0.11	1.42	-	-	0.05	0.10	0.26	2.97	0.84	0.90	0.01	0.04
Tc-99-9	8-12	8-12	5838-SS-130723-05-12	7/23/2013	0.83	0.14	0.09	0.06	0.06	0.24	1.27	0.20	0.11	2.06	-	-	0.10	0.15	0.25	1.71	0.83	1.02	0.06	0.16
Tc-99-9	12-16	12-16	5838-SS-130723-05-13	7/23/2013	0.97	0.16	0.10	0.18	0.06	0.25	1.20	0.23	0.09	5.90	-	-	0.33	0.20	0.23	1.53	0.83	1.30	0.06	0.19
Tc-99-9	16-20	16-20	5838-SS-130723-05-14	7/23/2013	0.85	0.13	0.06	0.34	0.11	0.24	0.95	0.18	0.11	1.79	-	-	0.09	0.14	0.23	1.46	0.71	0.88	0.01	0.03
Tc-99-9	20-24	20-24	5838-SS-130723-05-15	7/23/2013	0.86	0.14	0.08	0.53	0.18	0.25	1.21	0.18	0.13	1.92	-	-	0.10	0.15	0.25	1.65	0.94	1.06	0.05	0.15
Tc-99-9	24-26	24-26	5838-SS-130723-05-16	7/23/2013	0.67	0.15	0.12	0.49	0.08	0.26	1.06	0.25	0.09	2.37	-	-	0.12	0.30	0.50	1.66	1.28	2.03	0.02	0.07
Tc-99-9	26-26.5	26-26.5	5838-SS-130723-05-17	7/23/2013	1.11	0.32	0.26	0.39	0.09	0.30	1.58	0.32	0.25	0.55	-	-	0.02	0.04	0.63	1.23	1.22	1.77	0.16	0.43
Tc-99-10	0-4	0-4	5897-SS-130725-05-01	7/25/2013	0.96	0.23	0.17	0.28	0.07	0.23	1.30	0.28	0.10	4.67	-	-	0.26	0.25	0.37	1.21	0.68	2.37	**NA**	0.23
Tc-99-10	0-4	0-4	5897-SS-130725-05-02	7/25/2013	0.96	0.23	0.21	0.32	0.07	0.24	1.36	0.27	0.29	5.91	-	-	0.32	0.33	0.49	2.47	1.40	1.95	**NA**	0.27
Tc-99-10	4-8	4-8	5897-SS-130725-05-03	7/25/2013	1.03	0.17	0.07	0.40	0.08	0.24	1.26	0.21	0.14	1.87	-	-	0.10	0.17	0.28	1.42	0.81	1.04	0.08	0.23
Tc-99-10	8-12	8-12	5897-SS-130725-05-04	7/25/2013	0.90	0.16	0.08	0.43	0.08	0.26	1.22	0.21	0.18	2.04	-	-	0.10	0.21	0.35	1.78	1.35	1.75	0.05	0.15
Tc-99-10	12-16	12-16	5897-SS-130725-05-05	7/25/2013	0.83	0.13	0.06	0.59	0.17	0.24	1.06	0.16	0.08	1.28	-	-	0.06	0.12	0.24	1.75	0.76	0.89	0.02	0.07
Tc-99-10	16-20	16-20	5897-SS-130725-05-06	7/25/2013	0.65	0.11	0.10	0.66	0.18	0.24	1.10	0.17	0.14	0.24	-	-	0.01	0.02	0.24	1.27	0.71	0.89	0.03	0.09
Tc-99-10	20-24	20-24	5897-SS-130725-05-07	7/25/2013	0.79	0.14	0.09	0.45	0.10	0.26	0.97	0.18	0.16	3.19	-	-	0.18	0.17	0.24	0.98	0.37	0.92	0.01	0.04
Tc-99-10	24-28	24-28	5897-SS-130725-05-08	7/25/2013	0.94	0.15	0.07	0.22	0.14	0.26	1.03	0.21	0.14	0.76	-	-	0.03	0.09	0.29	1.50	0.88	1.05	0.02	0.06
Tc-99-10	28-29	28-29	5897-SS-130725-05-09	7/25/2013	1.19	0.27	0.18	0.55	0.11	0.25	1.17	0.35	0.19	4.23	-	-	0.23	0.30	0.53	1.25	0.89	2.76	0.10	0.29
Tc-99-10	29-29.5	29-29.5	5897-SS-130725-05-10	7/25/2013	1.26	0.28	0.24	1.61	0.23	0.26	1.09	0.29	0.35	3.70	-	-	0.19	0.30	0.59	2.28	1.26	1.76	0.12	0.33
Tc-99-11	0-4	0-4	5816-SS-130722-05-10	7/22/2013	1.12	0.18	0.07	2.25	0.23	0.22	1.25	0.25	0.13	4.21	-	-	0.23	0.13	0.19	1.71	0.89	1.09	**NA**	0.37
Tc-99-11	4-8	4-8	5816-SS-130722-05-11	7/22/2013	1.17	0.17	0.08	1.15	0.31	0.23	1.18	0.19	0.14	2.13	-	-	0.11	0.13	0.19	1.11	0.41	0.99	0.11	0.30
Tc-99-11	8-12	8-12	5816-SS-130722-05-12	7/22/2013	0.93	0.21	0.18	1.59	0.17	0.23	1.33	0.26	0.11	2.59	-	-	0.14	0.32	0.51	0.57	0.73	2.10	0.10	0.26
Tc-99-11	12-16	12-16	5816-SS-130722-05-13	7/22/2013	0.83	0.13	0.07	1.05	0.15	0.23	1.15	0.17	0.10	2.32	-	-	0.13	0.15	0.26	0.88	0.34	1.11	0.05	0.14
Tc-99-11	16-20	16-20	5816-SS-130722-05-14	7/22/2013	0.98	0.15	0.08	0.63	0.19	0.24	1.21	0.20	0.12	2.60	-	-	0.14	0.15	0.21	1.40	0.78	0.99	0.07	0.20
Tc-99-11	20-24	20-24	5816-SS-130722-05-15	7/22/2013	0.67	0.12	0.11	0.88	0.27	0.24	1.21	0.19	0.13	1.62	-	-	0.08	0.14	0.23	1.60	0.72	0.88	0.06	0.16
Tc-99-11	24-25.5	24-25.5	5816-SS-130722-05-16	7/22/2013	1.09	0.31	0.23	0.75	0.12	0.24	1.01	0.34	0.50	5.12	-	-	0.28	0.38	0.76	1.25	2.04	3.54	0.06	0.17
Tc-99-11	25.5-26.5	25.5-26.5	5816-SS-130722-05-17	7/22/2013	1.16	0.26	0.22	1.44	0.19	0.24	1.64	0.30	0.19	3.75	-	-	0.20	0.34	0.56	1.76	1.37	1.92	0.20	0.55
Tc-99-11	8-12	8-12	5816-SS-130722-05-18	7/22/2013	1.23	0.30	0.22	1.14	0.22	0.24	1.34	0.33	0.26	3.23	-	-	0.16	0.33	0.58	2.75	1.88	2.43	0.15	0.43
Tc-99-12	0-4	0-4	5816-SS-130722-05-01	7/22/2013	1.05	0.19	0.10	0.47	0.10	0.23	1.07	0.20	0.13	1.60	-	-	0.08	0.17	0.29	1.43	0.77	1.01	**NA**	0.15
Tc-99-12	4-8	4-8	5816-SS-130722-05-02	7/22/2013	0.84	0.13	0.07	0.22	0.04	0.24	1.17	0.17	0.13	4.53	-	-	0.25	0.15	0.19	1.05	0.37	0.96	0.04	0.13
Tc-99-12	8-12	8-12	5816-SS-130722-05-03	7/22/2013	0.81	0.14	0.08	0.22	0.07	0.23	1.16	0.18	0.10	3.52	-	-	0.19	0.15	0.24	1.17	0.75	0.93	0.04	0.12
Tc-99-12	12-16	12-16	5816-SS-130722-05-04	7/22/2013	0.85	0.13	0.06	0.18	0.09	0.24	1.00	0.16	0.12	3.66	-	-	0.20	0.13	0.21	0.74	0.29	0.70	0.01	0.03
Tc-99-12	16-20	16-20	5816-SS-130722-05-05	7/22/2013	0.81	0.15	0.09	0.10	0.06	0.23	0.95	0.17	0.13	2.34	-	-	0.13	0.16	0.27	0.79	0.37	0.99	0.01	0.02
Tc-99-12	20-24	20-24	5816-SS-130722-05-06	7/22/2013	0.89	0.14	0.08	0.11	0.07	0.26	0.96	0.23	0.15	3.07	-	-	0.17	0.14	0.25	0.99	0.38	0.96	0.01	0.03

Attachment 2
Former Process Buildings Investigation Area

Station ID	Depth below existing grade (ft)	Depth below Original Grade(ft)*	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)**			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc.	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
Tc-99-12	24-28	24-28	5816-SS-130722-05-07	7/22/2013	0.98	0.25	0.20	0.14	0.15	0.27	1.16	0.31	0.16	2.17	-	-	-0.09	1.36	0.53	2.17	1.57	2.54	0.05	0.15
Tc-99-12	28-29	28-29	5816-SS-130722-05-08	7/22/2013	1.00	0.20	0.08	0.13	0.06	0.25	1.33	0.35	0.20	3.13	-	-	0.17	0.24	0.40	1.03	0.62	2.07	0.09	0.25
Tc-99-12	29-29.5	29-29.5	5816-SS-130722-05-09	7/22/2013	0.98	0.24	0.20	0.11	0.06	0.25	0.69	0.27	0.34	4.67	-	-	0.25	0.33	0.51	2.08	1.08	1.46	0.03	0.09
Tc-99-13	0-4	0-4	5895-SS-130725-05-01	7/25/2013	0.85	0.15	0.08	0.08	0.05	0.24	1.20	0.20	0.16	2.30	-	-	0.12	0.19	0.29	1.22	0.42	0.98	**NA**	0.12
Tc-99-13	4-8	4-8	5895-SS-130725-05-02	7/25/2013	0.76	0.12	0.06	0.12	0.14	0.24	1.15	0.16	0.10	1.48	-	-	0.07	0.15	0.23	1.58	0.59	0.76	0.04	0.10
Tc-99-13	8-12	8-12	5895-SS-130725-05-03	7/25/2013	0.79	0.13	0.08	-0.01	0.01	0.24	1.08	0.16	0.09	4.13	-	-	0.23	0.12	0.19	1.47	0.76	0.91	0.02	0.07
Tc-99-13	8-12	8-12	5895-SS-130725-05-04	7/25/2013	0.83	0.14	0.08	0.34	0.07	0.24	1.02	0.16	0.12	2.45	-	-	0.13	0.12	0.23	1.29	0.70	0.91	0.01	0.05
Tc-99-13	12-16	12-16	5895-SS-130725-05-05	7/25/2013	0.92	0.14	0.07	0.02	0.09	0.24	1.15	0.17	0.10	2.29	-	-	0.12	0.11	0.18	1.46	0.70	0.90	0.04	0.11
Tc-99-13	16-20	16-20	5895-SS-130725-05-06	7/25/2013	0.83	0.14	0.08	0.02	0.05	0.24	0.88	0.21	0.21	1.82	-	-	0.09	0.18	0.29	1.31	0.84	1.05	0.01	0.02
Tc-99-13	20-24	20-24	5895-SS-130725-05-07	7/25/2013	0.82	0.12	0.05	0.06	0.02	0.26	1.20	0.17	0.11	4.18	-	-	0.23	0.13	0.18	1.26	0.65	0.83	0.05	0.14
Tc-99-13	24-28	24-28	5895-SS-130725-05-08	7/25/2013	0.91	0.15	0.09	0.00	0.09	0.26	1.45	0.21	0.14	1.76	-	-	0.09	0.14	0.28	1.47	0.65	0.84	0.09	0.25
Tc-99-13	28-29	28-29	5895-SS-130725-05-09	7/25/2013	0.96	0.25	0.24	0.00	0.08	0.26	1.53	0.30	0.23	3.30	-	-	0.18	0.32	0.50	1.65	1.32	1.79	0.12	0.33
Tc-99-13	29-29.5	29-29.5	5895-SS-130725-05-10	7/25/2013	1.01	0.26	0.24	0.03	0.06	0.27	1.14	0.31	0.38	2.89	-	-	0.15	0.35	0.53	1.47	1.27	1.87	0.05	0.16
Tc-99-14	0-4	0-4	5817-SS-130722-05-01	7/22/2013	1.22	0.19	0.08	1.27	0.22	0.23	1.20	0.22	0.12	2.88	-	-	0.16	0.18	0.29	0.97	0.47	1.17	**NA**	0.34
Tc-99-14	4-8	4-8	5817-SS-130722-05-02	7/22/2013	1.06	0.16	0.09	0.84	0.24	0.24	1.28	0.19	0.15	1.68	-	-	0.08	0.18	0.30	1.47	0.78	0.98	0.10	0.28
Tc-99-14	8-12	8-12	5817-SS-130722-05-03	7/22/2013	0.81	0.14	0.08	1.26	0.14	0.24	1.11	0.16	0.06	2.94	-	-	0.16	0.10	0.16	1.50	0.79	0.96	0.05	0.13
Tc-99-14	12-16	12-16	5817-SS-130722-05-04	7/22/2013	0.94	0.14	0.07	1.55	0.23	0.24	1.11	0.18	0.09	5.62	-	-	0.31	0.15	0.17	1.34	0.71	0.88	0.06	0.18
Tc-99-14	16-20	16-20	5817-SS-130722-05-05	7/22/2013	0.90	0.14	0.07	1.00	0.10	0.25	1.09	0.17	0.07	2.56	-	-	0.14	0.15	0.25	0.85	0.35	0.92	0.04	0.11
Tc-99-14	20-24	20-24	5817-SS-130722-05-06	7/22/2013	1.03	0.17	0.10	2.60	0.27	0.25	1.18	0.20	0.15	1.46	-	-	0.07	0.20	0.33	1.27	0.96	1.20	0.10	0.28
Tc-99-14	24-26.5	24-26.5	5817-SS-130722-05-07	7/22/2013	1.09	0.33	0.27	0.67	0.16	0.26	1.17	0.32	0.24	3.66	-	-	0.20	0.41	0.76	0.61	0.90	3.63	0.08	0.24
Tc-99-14	26.5-27	26.5-27	5817-SS-130722-05-08	7/22/2013	0.86	0.24	0.23	0.06	0.02	0.25	0.98	0.30	0.18	2.69	-	-	0.15	0.34	0.51	0.74	0.68	1.80	0.01	0.02
Tc-99-15	0-4	0-4	5838-SS-130723-05-01	7/23/2013	0.97	0.14	0.06	0.16	0.07	0.25	1.19	0.17	0.05	1.83	-	-	0.09	0.14	0.22	1.57	0.75	0.93	**NA**	0.16
Tc-99-15	4-8	4-8	5838-SS-130723-05-02	7/23/2013	0.80	0.14	0.09	0.01	0.01	0.25	1.28	0.20	0.13	2.18	-	-	0.11	0.14	0.26	1.76	0.77	0.91	0.06	0.16
Tc-99-15	8-12	8-12	5838-SS-130723-05-03	7/23/2013	0.96	0.16	0.10	0.00	0.04	0.25	1.20	0.19	0.11	2.67	-	-	0.15	0.15	0.27	0.86	0.38	0.88	0.05	0.15
Tc-99-15	12-16	12-16	5838-SS-130723-05-04	7/23/2013	0.85	0.15	0.09	0.03	0.06	0.25	1.02	0.18	0.12	2.98	-	-	0.16	0.18	0.28	1.85	0.86	1.03	0.01	0.04
Tc-99-15	16-20	16-20	5838-SS-130723-05-05	7/23/2013	0.89	0.14	0.09	-0.02	0.01	0.24	0.96	0.19	0.13	1.94	-	-	0.10	0.17	0.28	1.36	0.71	0.90	0.01	0.02
Tc-99-15	20-24	20-24	5838-SS-130723-05-06	7/23/2013	0.89	0.14	0.07	0.05	0.07	0.25	1.26	0.21	0.08	1.27	-	-	0.06	0.16	0.28	1.76	0.76	0.91	0.06	0.15
Tc-99-15	24-26.5	24-26.5	5838-SS-130723-05-07	7/23/2013	0.92	0.15	0.09	0.14	0.06	0.25	1.23	0.18	0.10	2.17	-	-	0.11	0.17	0.28	1.50	0.85	1.00	0.06	0.15
Tc-99-15	26.5-27	26.5-27	5838-SS-130723-05-08	7/23/2013	0.80	0.20	0.20	0.09	0.09	0.29	1.56	0.35	0.19	5.24	-	-	0.29	0.31	0.52	1.75	1.53	2.13	0.12	0.33
Tc-99-16	0-4	0-4	6063-SS-130807-04-01	8/7/2013	0.69	0.12	0.07	1.55	0.33	0.23	1.16	0.20	0.10	4.59	-	-	0.25	0.15	0.22	1.75	0.82	0.98	**NA**	0.18
Tc-99-16	4-8	4-8	6063-SS-130807-04-02	8/7/2013	0.63	0.11	0.06	1.16	0.14	0.23	1.09	0.18	0.12	2.97	-	-	0.16	0.14	0.23	1.14	0.60	0.81	0.04	0.12
Tc-99-16	8-12	8-12	6063-SS-130807-04-03	8/7/2013	0.75	0.15	0.09	0.46	0.09	0.24	1.20	0.25	0.14	2.02	-	-	0.11	0.15	0.26	1.03	0.66	0.91	0.05	0.14
Tc-99-16	12-16	12-16	6063-SS-130807-04-04	8/7/2013	0.79	0.12	0.06	0.22	0.07	0.25	1.20	0.17	0.10	3.31	-	-	0.18	0.12	0.18	1.51	0.77	0.89	0.05	0.14
Tc-99-16	16-20	16-20	6063-SS-130807-04-05	8/7/2013	0.68	0.11	0.06	0.21	0.13	0.24	1.05	0.19	0.11	0.96	-	-	0.04	0.14	0.23	1.41	0.76	0.90	0.02	0.05

Attachment 2
Former Process Buildings Investigation Area

Station ID	Depth below existing grade (ft)	Depth below Original Grade(ft)*	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)**			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc.	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
Tc-99-16	20-24	20-24	6063-SS-130807-04-06	8/7/2013	0.66	0.12	0.08	0.00	0.06	0.26	1.16	0.18	0.13	1.84	-	-	0.10	0.13	0.25	0.99	0.37	0.91	0.04	0.10
Tc-99-16	24-28	24-28	6063-SS-130807-04-07	8/7/2013	0.77	0.15	0.09	0.25	0.07	0.25	1.21	0.23	0.11	2.88	-	-	0.15	0.19	0.29	1.52	0.86	1.05	0.05	0.14
Tc-99-17	0-4	0-4	6064-SS-130807-04-01	8/7/2013	0.87	0.18	0.11	0.80	0.13	0.24	1.21	0.24	0.17	0.38	-	-	0.01	0.09	0.32	1.00	0.42	1.04	**NA**	0.14
Tc-99-17	4-8	4-8	6064-SS-130807-04-02	8/7/2013	0.86	0.21	0.17	0.76	0.14	0.23	1.06	0.25	0.29	5.58	-	-	0.31	0.33	0.46	1.26	0.82	2.44	0.03	0.10
Tc-99-17	4-8	4-8	6064-SS-130807-04-03	8/7/2013	0.75	0.26	0.26	0.81	0.23	0.23	1.47	0.39	0.24	8.80	-	-	0.49	0.39	0.79	1.65	2.14	3.61	0.12	0.33
Tc-99-17	8-12	8-12	6064-SS-130807-04-04	8/7/2013	0.89	0.14	0.06	0.43	0.09	0.23	1.11	0.18	0.07	1.39	-	-	0.07	0.16	0.26	1.66	0.77	0.92	0.03	0.09
Tc-99-17	12-16	12-16	6064-SS-130807-04-05	8/7/2013	0.68	0.11	0.07	0.12	0.05	0.22	1.00	0.19	0.12	1.98	-	-	0.10	0.14	0.24	1.67	0.74	0.88	0.01	0.03
Tc-99-17	16-20	16-20	6064-SS-130807-04-06	8/7/2013	0.64	0.12	0.08	0.16	0.09	0.23	1.00	0.18	0.14	3.79	-	-	0.21	0.16	0.20	0.81	0.40	1.15	0.01	0.03
Tc-99-17	20-24	20-24	6064-SS-130807-04-07	8/7/2013	0.75	0.14	0.09	0.14	0.05	0.25	1.15	0.19	0.15	2.90	-	-	0.16	0.12	0.19	1.03	0.36	0.89	0.04	0.10
Tc-99-17	24-28	24-28	6064-SS-130807-04-08	8/7/2013	0.80	0.19	0.14	0.18	0.09	0.23	1.04	0.30	0.24	3.98	-	-	0.21	0.26	0.43	1.80	1.23	1.78	0.02	0.06
Tc-99-17	28-29	28-29	6064-SS-130807-04-09	8/7/2013	0.81	0.22	0.21	0.21	0.07	0.25	1.52	0.32	0.31	5.40	-	-	0.30	0.31	0.50	1.65	1.27	1.67	0.11	0.31
Tc-99-18	0-4	0-4	6065-SS-130807-04-01	8/7/2013	0.82	0.12	0.06	0.17	0.08	0.25	1.15	0.18	0.10	3.11	-	-	0.17	0.10	0.17	1.33	0.60	0.77	**NA**	0.11
Tc-99-18	4-8	4-8	6065-SS-130807-04-02	8/7/2013	0.80	0.15	0.10	0.15	0.16	0.25	1.25	0.19	0.08	2.81	-	-	0.15	0.16	0.27	1.81	0.86	1.00	0.06	0.16
Tc-99-18	8-12	8-12	6065-SS-130807-04-03	8/7/2013	0.92	0.13	0.06	0.26	0.14	0.24	1.03	0.16	0.08	1.91	-	-	0.10	0.14	0.23	1.49	0.72	0.86	0.02	0.06
Tc-99-18	12-16	12-16	6065-SS-130807-04-04	8/7/2013	0.85	0.13	0.06	0.18	0.11	0.25	1.22	0.18	0.09	2.08	-	-	0.11	0.14	0.24	1.60	0.70	0.85	0.05	0.14
Tc-99-18	16-20	16-20	6065-SS-130807-04-05	8/7/2013	0.75	0.12	0.07	0.13	0.03	0.23	1.00	0.15	0.11	0.66	-	-	0.03	0.14	0.21	0.68	0.33	0.83	0.00	0.01
Tc-99-18	20-24	20-24	6065-SS-130807-04-06	8/7/2013	0.83	0.14	0.07	0.20	0.09	0.25	1.14	0.18	0.12	1.47	-	-	0.07	0.10	0.26	1.09	0.38	0.91	0.03	0.09
Tc-99-18	24-26	24-26	6065-SS-130807-04-07	8/7/2013	0.81	0.21	0.19	0.21	0.07	0.25	1.09	0.26	0.27	4.21	-	-	0.23	0.27	0.45	1.04	0.77	2.24	0.03	0.09
Tc-99-18	28-29.5	28-29.5	6065-SS-130807-04-08	8/7/2013	0.87	0.24	0.23	0.25	0.15	0.26	1.72	0.39	0.30	3.09	-	-	0.17	0.28	0.59	1.49	1.32	2.21	0.15	0.40
Tc-99-7A	0 - 4	7.2 - 11.2	6714-SS-131001-05-09	10/1/2013	0.77	0.13	0.07	0.65	0.12	0.23	1.18	0.18	0.10	1.98	-	-	0.10	0.16	0.24	1.71	0.60	0.75	0.05	0.14
Tc-99-7A	4 - 8	11.2 - 15.2	6714-SS-131001-05-10	10/1/2013	0.99	0.16	0.08	1.17	0.14	0.22	0.88	0.20	0.19	4.18	-	-	0.23	0.11	0.17	1.41	0.78	0.97	0.04	0.13
Tc-99-7A	8 - 12	15.2 - 19.2	6714-SS-131001-05-11	10/1/2013	0.78	0.12	0.06	1.25	0.14	0.24	1.07	0.15	0.09	2.33	-	-	0.12	0.13	0.17	1.31	0.59	0.78	0.04	0.11
Tc-99-7A	12 - 16	19.2 - 23.2	6714-SS-131001-05-12	10/1/2013	0.78	0.12	0.06	2.00	0.28	0.23	1.09	0.18	0.13	1.63	-	-	0.08	0.12	0.16	1.09	0.73	0.90	0.05	0.14
Tc-99-7A	16 - 20	23.2 - 27.2	6714-SS-131001-05-13	10/1/2013	0.83	0.13	0.07	54.40	6.16	0.24	1.12	0.19	0.10	1.15	-	-	0.05	0.12	0.24	1.38	0.71	0.88	0.76	**2.24**
Tc-99-7A	20 - 24	27.2 - 31.2	6714-SS-131001-05-14	10/1/2013	0.82	0.13	0.06	0.01	0.02	0.25	1.18	0.17	0.11	2.19	-	-	0.12	0.14	0.24	0.99	0.35	0.87	0.04	0.11
Tc-99-7A	24 - 25	31.2 - 32.2	6714-SS-131001-05-15	10/1/2013	1.07	0.33	0.33	2.81	0.36	0.23	1.15	0.33	0.24	2.12	-	-	0.11	0.24	0.69	2.02	0.88	2.24	0.10	0.30
Tc-99-7A	25 - 25.5	32.2 - 32.7	6714-SS-131001-05-16	10/1/2013	0.64	0.21	0.23	0.53	0.18	0.24	1.14	0.38	0.39	4.98	-	-	0.28	0.29	0.47	0.85	0.56	1.48	0.04	0.13
Tc-99-7B	0 - 4	7.4 - 11.4	6714-SS-131001-05-01	10/1/2013	0.86	0.13	0.07	0.61	0.29	0.23	1.27	0.19	0.12	2.16	-	-	0.11	0.15	0.24	1.32	0.75	0.91	0.07	0.18
Tc-99-7B	4 - 8	11.4 - 15.4	6714-SS-131001-05-02	10/1/2013	0.86	0.15	0.08	0.31	0.09	0.23	1.11	0.18	0.10	1.57	-	-	0.08	0.09	0.18	0.92	0.32	0.81	0.03	0.08
Tc-99-7B	8 - 12	15.4 - 19.4	6714-SS-131001-05-03	10/1/2013	0.96	0.13	0.05	0.65	0.22	0.24	1.17	0.17	0.08	2.10	-	-	0.11	0.12	0.20	1.23	0.51	0.68	0.06	0.16
Tc-99-7B	12 - 14	19.4 - 23.4	6714-SS-131001-05-04	10/1/2013	0.78	0.25	0.21	1.00	0.18	0.24	0.41	0.26	0.41	3.93	-	-	0.21	0.37	0.77	0.35	0.45	3.59	0.02	0.07
Tc-99-7B	16 - 20	23.4 - 27.4	6714-SS-131001-05-05	10/1/2013	0.86	0.13	0.06	0.72	0.23	0.24	1.03	0.17	0.11	2.55	-	-	0.13	0.12	0.21	1.85	0.71	0.86	0.02	0.07
Tc-99-7B	20 - 24	27.4 - 31.4	6714-SS-131001-05-06	10/1/2013	0.82	0.13	0.07	-0.08	0.06	0.22	1.05	0.15	0.09	1.72	-	-	0.08	0.15	0.25	1.77	0.82	0.94	0.02	0.05
Tc-99-7B	24 - 25	31.4 - 32.4	6714-SS-131001-05-07	10/1/2013	0.99	0.25	0.23	0.87	0.11	0.23	0.75	0.28	0.33	3.99	-	-	0.21	0.25	0.56	1.96	1.56	2.06	0.04	0.12

Attachment 2
Former Process Buildings Investigation Area

Station ID	Depth below existing grade (ft)	Depth below Original Grade(ft)*	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)**			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc.	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
Tc-99-7B	25 - 25.5	32.4 - 32.9	6714-SS-131001-05-08	10/1/2013	0.84	0.21	0.20	-0.02	0.04	0.24	1.57	0.31	0.17	1.73	-	-	0.09	0.31	0.54	1.48	1.27	1.90	0.11	0.30
Tc-99-7C	0 - 4	7.5 - 11.5	6715-SS-131001-05-01	10/1/2013	0.81	0.11	0.07	0.81	0.17	0.24	1.19	0.16	0.08	1.10	-	-	0.05	0.11	0.18	1.52	0.50	0.63	0.05	0.14
Tc-99-7C	4 - 8	11.5 - 15.5	6715-SS-131001-05-02	10/1/2013	0.78	0.12	0.06	1.15	0.22	0.24	1.03	0.17	0.10	2.83	-	-	0.16	0.12	0.15	0.88	0.28	0.67	0.03	0.08
Tc-99-7C	8 - 12	15.5 - 19.5	6715-SS-131001-05-03	10/1/2013	1.00	0.15	0.07	0.96	0.09	0.23	1.12	0.16	0.11	0.96	-	-	0.04	0.12	0.24	1.28	0.71	0.87	0.06	0.16
Tc-99-7C	12 - 16	19.5 - 23.5	6715-SS-131001-05-04	10/1/2013	0.94	0.21	0.16	1.31	0.18	0.23	1.51	0.31	0.19	5.50	-	-	0.30	0.30	0.41	1.98	1.17	1.50	0.13	0.37
Tc-99-7C	12 - 16	19.5 - 23.5	6715-SS-131001-05-05	10/1/2013	1.24	0.35	0.26	2.09	0.25	0.25	0.86	0.49	0.62	4.89	-	-	0.27	0.51	0.66	0.51	0.80	4.13	0.10	0.30
Tc-99-7C	16 - 20	23.5 - 27.5	6715-SS-131001-05-06	10/1/2013	1.01	0.16	0.08	0.00	0.02	0.25	0.98	0.18	0.11	2.87	-	-	0.15	0.17	0.26	1.39	0.79	0.96	0.03	0.08
Tc-99-7C	20 - 20.5	27.5 - 28.0	6715-SS-131001-05-07	10/1/2013	1.04	0.24	0.17	2.72	0.40	0.25	1.66	0.39	0.13	3.98	-	-	0.22	0.27	0.45	0.85	0.51	1.29	0.20	0.54
Tc-99-7C	25 - 25.5	32.5 - 33.0	6715-SS-131001-05-08	10/1/2013	0.93	0.26	0.24	2.42	0.41	0.24	1.32	0.29	0.29	4.04	-	-	0.22	0.34	0.49	1.16	1.30	1.83	0.11	0.30
Tc-99-7D	0 - 4	7.3 - 11.3	6715-SS-131001-05-09	10/1/2013	0.95	0.14	0.06	2.03	0.34	0.23	0.86	0.17	0.14	2.23	-	-	0.12	0.14	0.23	1.54	0.67	0.83	0.04	0.13
Tc-99-7D	4 - 8	11.3 - 15.3	6715-SS-131001-05-10	10/1/2013	0.87	0.13	0.07	3.45	0.38	0.24	1.11	0.17	0.12	2.29	-	-	0.12	0.13	0.18	1.14	0.62	0.81	0.07	0.21
Tc-99-7D	8 - 12	15.3 - 19.3	6715-SS-131001-05-11	10/1/2013	0.98	0.15	0.07	1.25	0.27	0.24	1.07	0.19	0.08	1.72	-	-	0.08	0.15	0.24	1.65	0.66	0.82	0.05	0.15
Tc-99-7D	12 - 16	19.3 - 23.3	6715-SS-131001-05-12	10/1/2013	0.92	0.12	0.05	0.79	0.13	0.23	1.12	0.16	0.11	1.37	-	-	0.07	0.14	0.21	1.24	0.67	0.82	0.04	0.12
Tc-99-7D	16 - 20	23.3 - 27.3	6715-SS-131001-05-13	10/1/2013	0.78	0.12	0.07	0.02	0.03	0.25	0.97	0.16	0.09	1.00	-	-	0.05	0.14	0.21	0.58	0.26	0.69	0.00	0.01
Tc-99-7D	20 - 22	27.3 - 29.3	6715-SS-131001-05-14	10/1/2013	0.93	0.32	0.26	-0.04	0.02	0.25	1.49	0.40	0.28	3.12	-	-	0.17	0.41	0.73	0.67	1.05	3.55	0.10	0.28
Tc-99-7D	25 - 25.5	32.3 - 32.8	6715-SS-131001-05-15	10/1/2013	0.87	0.27	0.28	0.27	0.06	0.24	1.24	0.39	0.20	7.07	-	-	0.39	0.36	0.52	2.04	1.38	1.90	0.06	0.19
Tc-99-7E	0 - 4	7.0 - 11.0	6717-SS-131001-05-01	10/1/2013	0.78	0.13	0.07	2.21	0.38	0.25	1.07	0.17	0.10	2.94	-	-	0.16	0.14	0.23	1.29	0.67	0.83	0.05	0.15
Tc-99-7E	4 - 8	11.0 - 15.0	6717-SS-131001-05-02	10/1/2013	0.89	0.13	0.07	0.91	0.18	0.24	1.05	0.15	0.12	0.90	-	-	0.04	0.12	0.23	1.14	0.59	0.77	0.03	0.07
Tc-99-7E	8 - 12	15.0 - 19.0	6717-SS-131001-05-03	10/1/2013	0.88	0.14	0.07	1.77	0.47	0.26	1.06	0.17	0.11	1.47	-	-	0.08	0.13	0.23	1.06	0.63	0.83	0.04	0.12
Tc-99-7E	12 - 16	19.0 -23.0	6717-SS-131001-05-04	10/1/2013	0.99	0.14	0.06	1.65	0.29	0.24	1.01	0.15	0.11	1.94	-	-	0.10	0.09	0.14	1.35	0.56	0.71	0.05	0.14
Tc-99-7E	16 - 20	23.0 - 27.0	6717-SS-131001-05-05	10/1/2013	0.87	0.14	0.07	-0.03	0.01	0.24	1.18	0.18	0.12	1.77	-	-	0.09	0.11	0.22	1.14	0.64	0.84	0.04	0.11
Tc-99-7E	20 - 24	27.0 - 31.0	6717-SS-131001-05-06	10/1/2013	0.88	0.13	0.07	-0.07	0.05	0.25	1.09	0.16	0.08	3.02	-	-	0.16	0.16	0.25	1.38	0.67	0.84	0.02	0.07
Tc-99-7E	24 - 24.5	31 - 31.5	6717-SS-131001-05-07	10/1/2013	1.09	0.23	0.18	-0.01	0.03	0.26	1.32	0.31	0.30	5.18	-	-	0.29	0.27	0.42	1.35	1.09	1.46	0.11	0.30

*Tc-99-7 investigation samples 7A-7E are depth below the top of the slab.

**U-234 results without ±2σ and MDC are calculated inferred results using the method from Section 14.1.4.3.3 and Table 14-5 of the Decommissioning Plan (DP) (Reference 10):

- When U-235 is negative or zero and U-238 is reported as positive, natural Uranium is assumed and the U-234 concentration = U-238 concentration.
- When U-235 is positive and U-238 is negative or zero, highly enriched uranium is assumed and the U-234 concentration = (U-235 concentration)(32.50). U-234:U-235 ratio is based on 100 percent enrichment.
- When both U-235 and U-238 data are positive, but the U-238:U-235 ratio for the data is less than 0.0001 (indicating highly enriched uranium), the U-234 concentration = (U-235 concentration)(32.50).
- When both U-235 and U-238 data are positive, but the U-238:U-235 ratio for the data is greater than 155.37 (indicating depleted uranium), the U-234 concentration = (U-235 concentration)(46.31). This is the smallest U-234:U-235 ratio from Table 14-5 of the DP.
- When both U-235 and U-238 data are positive, and the U-238:U-235 ratio is not any of the cases listed above, then the U-238:U-235 ratio for the data is used to determine the associated U-234:U-235 ratio from Table 14-5 of the DP. The U-234 concentration = (U- 235 concentration)(U:234:U-235 ratio).
- When both U-235 and U-238 data are negative or zero, U-234 concentration = 0.

Attachment 3
Well Abandonment Cuttings/Soil Samples 2011

Station ID	Depth	Sample ID	Date Sampled	Ra-226(pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
				Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calculated	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
HYBRID WELLS																							
BD-14	0-4	HDP-BD14-CT-4	4/6/2011	1.24	0.23	0.17	1	0.33	0.45	1.46	0.3	0.21	6.88	-	-	0.37	0.38	0.63	3.1	2.1	2.7	**NA**	0.51
BD-14	4-8	HDP-BD14-CT-8	4/6/2011	1.38	0.33	0.26	0.63	0.31	0.47	1.82	0.42	0.2	1.81	-	-	0.09	0.41	0.71	1.7	1.8	3	0.26	0.71
BD-14	8-12	HDP-BD14-CT-12	4/6/2011	1.31	0.26	0.2	0.38	0.33	0.52	1.18	0.24	0.36	1.21	-	-	0.05	0.35	0.61	2	1.7	2.8	0.12	0.34
BD-14	16-20	HDP-BD14-CT-20	4/6/2011	0.77	0.22	0.25	0.15	0.32	0.54	1.24	0.29	0.28	4.01	-	-	0.21	0.34	0.56	2.4	1.2	1.4	0.06	0.16
BD-14	20-24	HDP-BD14-CT-24	4/6/2011	0.89	0.26	0.29	0.26	0.31	0.51	0.69	0.28	0.48	0.27	-	-	0.01	0.36	0.62	0.6	2.9	5.3	0.00	0.02
BD-14	24-28	HDP-BD14-CT-28	4/6/2011	1.25	0.24	0.16	0.35	0.35	0.56	1.3	0.32	0.25	2.10	-	-	-0.02	0.43	0.62	2.1	1.3	1.7	0.13	0.37
BD-14	32-33	HDP-BD14-CT-33	4/6/2011	0.85	0.23	0.27	0.17	0.31	0.52	1.79	0.33	0.21	1.50	-	-	-0.04	0.41	0.7	1.5	1.2	2	0.16	0.42
DM-02	0-4	HDP-DM02-CT-4	4/5/2011	0.93	0.13	0.07	11.8	1.2	0.5	0.87	0.13	0.08	26.80	-	-	1.48	0.23	0.25	5.5	1.2	1.2	**NA**	0.68
DM-02	8-12	HDP-DM02-CT-12	4/5/2011	1.25	0.3	0.23	11.8	1.2	0.5	1.48	0.34	0.2	2.50	-	-	0.11	0.37	0.64	3.5	2.1	2.6	0.33	0.93
DM-02	12-16	HDP-DM02-CT-16	4/5/2011	1.2	0.26	0.17	1.8	0.43	0.53	1.2	0.28	0.32	3.23	-	-	0.16	0.35	0.6	3	1.7	2.3	0.13	0.37
DM-02	16-20	HDP-DM02-CT-20	4/5/2011	1.56	0.36	0.27	0.87	0.35	0.51	1.48	0.42	0.21	4.83	-	-	0.26	0.47	0.8	2.11	0.89	3.3	0.24	0.66
DM-02	20-24	HDP-DM02-CT-24	4/5/2011	1.42	0.3	0.21	1.31	0.39	0.52	1.54	0.37	0.4	6.00	-	-	0.32	0.35	0.57	3	2.3	2.8	0.23	0.65
DM-02	24-28	HDP-DM02-CT-28	4/5/2011	1.47	0.33	0.25	1.19	0.38	0.52	1.9	0.37	0.21	7.43	-	-	0.41	0.38	0.62	1.62	0.82	2.9	0.31	0.85
DM-02	28-32	HDP-DM02-CT-32	4/5/2011	1.5	0.32	0.22	1.11	0.37	0.51	1.38	0.3	0.27	22.11	-	-	1.22	0.4	0.68	3.5	1.2	3.2	0.24	0.71
NB-31	4-8	HDP-NB31-CT-8	4/4/2011	1.24	0.32	0.25	0.05	0.29	0.49	1.64	0.42	0.24	3.18	-	-	0.14	0.33	0.58	4.7	2.5	3.2	0.20	0.55
NB-31	8-12	HDP-NB31-CT-12	4/4/2011	1.16	0.28	0.25	0.02	0.29	0.49	1.43	0.31	0.2	6.03	-	-	0.32	0.31	0.52	3.1	1.9	2.3	0.15	0.41
NB-31	12-16	HDP-NB31-CT-16	4/4/2011	1.07	0.24	0.24	0.05	0.23	0.4	1.63	0.44	0.3	5.26	-	-	0.29	0.33	0.56	1.32	0.77	2.5	0.16	0.45
NB-31	16-20	HDP-NB31-CT-20	4/4/2011	1.23	0.26	0.17	-0.05	0.25	0.44	1.36	0.31	0.24	1.48	-	-	0.07	0.34	0.59	1.7	1.4	2.2	0.14	0.37
NB-31	20-24	HDP-NB31-CT-24	4/4/2011	1.35	0.3	0.22	-0.22	0.28	0.51	0.89	0.33	0.51	3.44	-	-	0.19	0.46	0.79	0.8	2	3.4	0.09	0.26
NB-31	24-28	HDP-NB31-CT-28	4/4/2011	1.32	0.27	0.21	0.07	0.28	0.47	0.88	0.3	0.49	1.45	-	-	0.06	0.39	0.68	2.9	2.1	2.9	0.09	0.25
NB-31	28-32	HDP-NB31-CT-32	4/4/2011	1.17	0.26	0.15	0.19	0.26	0.43	1.32	0.35	0.21	4.01	-	-	0.22	0.28	0.48	1.2	1.9	3.2	0.12	0.34
NB-31	32-34	HDP-NB31-CT-34	4/4/2011	1.51	0.3	0.18	0.13	0.28	0.47	0.83	0.36	0.53	0.20	-	-	-0.3	1.2	0.9	0.2	2	3.5	0.12	0.33
NB-33	4-8	HDP-NB33-CT-8	4/5/2011	1.33	0.29	0.21	0.18	0.29	0.48	1.49	0.35	0.18	2.79	-	-	0.15	0.34	0.58	1.27	0.73	2.9	0.18	0.50
NB-33	8-12	HDP-NB33-CT-12	4/5/2011	1.72	0.28	0.18	-0.01	0.26	0.45	1.53	0.29	0.32	1.69	-	-	0.07	0.41	0.71	2.8	2.4	3	0.26	0.72
NB-33	12-16	HDP-NB33-CT-16	4/5/2011	1.37	0.32	0.23	-0.01	0.28	0.48	2.04	0.39	0.25	5.60	-	-	0.3	0.4	0.68	2.6	1.9	3.2	0.30	0.82
NB-33	16-20	HDP-NB33-CT-20	4/5/2011	1.53	0.34	0.24	-0.12	0.29	0.51	0.94	0.4	0.45	1.61	-	-	0.08	0.52	0.9	1.5	2.2	3.7	0.12	0.35
NB-33	20-24	HDP-NB33-CT-24	4/5/2011	1.53	0.3	0.19	-0.13	0.29	0.52	1.68	0.4	0.4	2.10	-	-	-0.06	2.3	0.8	2.1	1.8	2.6	0.25	0.69
NB-33	24-28	HDP-NB33-CT-28	4/5/2011	1.18	0.28	0.24	-0.02	0.27	0.47	1.44	0.38	0.37	2.30	-	-	-0.21	0.78	0.67	2.3	2.1	2.8	0.14	0.39
NB-33	28-32	HDP-NB33-CT-32	4/5/2011	1.37	0.25	0.1	-0.09	0.27	0.48	1.39	0.3	0.17	2.50	-	-	-0.008	0.42	0.55	2.5	1.8	2.4	0.17	0.47
NB-81	12-16	HDP-NB81-CT-16	4/4/2011	1.09	0.22	0.16	-0.1	0.26	0.45	1.28	0.25	0.14	6.03	-	-	0.33	0.3	0.49	1.9	1.4	2	0.10	0.29
NB-81	16-20	HDP-NB81-CT-20	4/4/2011	0.97	0.22	0.17	-0.16	0.27	0.47	1.17	0.3	0.14	0.10	-	-	-0.1	6.4	0.8	0.1	1.2	2.1	0.05	0.12
NB-81	28-32	HDP-NB81-CT-32	4/4/2011	1.25	0.28	0.17	-0.03	0.25	0.43	1.09	0.35	0.61	5.07	-	-	0.28	0.32	0.52	1.1	1.7	3	0.09	0.27
PL06	0-4	HDP-PL06-CT-4	4/8/2011	1.09	0.23	0.19	1.5	0.37	0.46	0.99	0.23	0.16	6.66	-	-	0.29	0.28	0.46	0.07	1.5	2.7	**NA**	0.20
PL06	4-8	HDP-PL06-CT-8	4/8/2011	0.82	0.21	0.16	0.23	0.27	0.44	0.73	0.24	0.21	1.90	-	-	-0.04	150	0.4	1.9	1.2	1.7	0.01	0.03

Attachment 3
Well Abandonment Cuttings/Soil Samples 2011

Station ID	Depth	Sample ID	Date Sampled	Ra-226(pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
				Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calculated	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
PL06	8-12	HDP-PL06-CT-12	4/8/2011	0.98	0.19	0.15	-0.05	0.27	0.47	1.15	0.21	0.19	1.40	-	-	-0.19	0.52	0.57	1.4	1.6	2.6	0.05	0.13
PL06	12-16	HDP-PL06-CT-16	4/8/2011	0.77	0.11	0.05	0.32	0.3	0.48	0.71	0.13	0.11	0.73	-	-	0.03	0.13	0.22	1.28	0.66	0.84	0.01	0.02
PL06	16-20	HDP-PL06-CT-20	4/8/2011	1.03	0.23	0.17	0.32	0.29	0.47	1.16	0.24	0.34	5.15	-	-	0.28	0.33	0.55	0.5	1.6	2.9	0.07	0.20
PL06	20-24	HDP-PL06-CT-24	4/8/2011	1.14	0.25	0.2	-0.007	0.29	0.5	1.1	0.28	0.13	3.47	-	-	0.19	0.32	0.55	0.4	1.8	3.1	0.07	0.20
PL06	24-28	HDP-PL06-CT-28	4/8/2011	0.75	0.18	0.11	1.23	0.32	0.42	0.74	0.23	0.13	1.72	-	-	0.09	0.22	0.39	1.05	0.55	1.6	0.02	0.07
PL06	28-32	HDP-PL06-CT-32	4/8/2011	1.08	0.24	0.16	0.32	0.29	0.47	1.06	0.29	0.17	1.26	-	-	0.06	0.3	0.53	1.31	0.67	2.5	0.05	0.15
PL06	32-35	HDP-PL06-CT-35	4/8/2011	0.79	0.18	0.15	0.04	0.3	0.52	0.6	0.21	0.27	0.32	-	-	0.01	0.23	0.41	1.5	1.4	2.2	0.00	0.01
N0N-HYBRID WELLS																							
EP20	0-4	HDP-EP20-CT-4	4/7/2011	1.19	0.22	0.15	7.6	0.85	0.46	1.07	0.26	0.19	18.18	-	-	1	0.42	0.5	5	2.4	2.5	**NA**	0.63
EP20	4-8	HDP-EP20-CT-8	4/7/2011	1.3	0.29	0.23	2.07	0.42	0.49	1.42	0.34	0.28	5.67	-	-	0.31	0.27	0.43	1.82	0.6	1.8	0.19	0.55
EP20	8-12	HDP-EP20-CT-12	4/7/2011	1.33	0.25	0.21	1.21	0.36	0.49	0.88	0.28	0.32	1.82	-	-	0.08	0.32	0.55	2.9	1.8	2.2	0.10	0.30
EP20	12-16	HDP-EP20-CT-16	4/8/2011	1.36	0.24	0.21	0.64	0.3	0.44	1.44	0.26	0.23	1.68	-	-	0.08	0.35	0.6	1.76	0.76	2.3	0.18	0.51
EP20	16-20	HDP-EP20-CT-20	4/8/2011	1.47	0.27	0.19	1.01	0.31	0.42	1.51	0.27	0.22	2.91	-	-	0.15	0.36	0.62	2.09	0.83	2.2	0.23	0.63
EP20	20-24	HDP-EP20-CT-24	4/8/2011	1.42	0.25	0.14	2.71	0.45	0.45	1.39	0.32	0.26	4.20	-	-	0.23	0.32	0.54	1.3	1.5	2.6	0.22	0.61
EP20	24-28	HDP-EP20-CT-28	4/8/2011	1.47	0.27	0.18	3.9	0.53	0.41	1.44	0.3	0.2	1.40	-	-	-0.04	0.29	0.5	1.4	1.7	2.7	0.25	0.69
EP20	28-32	HDP-EP20-CT-32	4/8/2011	1.39	0.28	0.22	2.38	0.44	0.47	1.02	0.29	0.48	3.98	-	-	0.22	0.44	0.74	0.8	1.9	3.3	0.13	0.39
WS13	0-4	HDP-WS13-CT-4	4/7/2011	0.75	0.18	0.16	4.35	0.57	0.43	0.49	0.22	0.36	14.00	-	-	0.74	0.42	0.41	0.82	0.85	1.4	**NA**	0.26
WS13	4-8	HDP-WS13-CT-8	4/7/2011	1.11	0.2	0.13	6.9	0.79	0.44	0.8	0.24	0.27	8.51	-	-	0.47	0.29	0.4	1.49	0.85	2.4	0.15	0.45
WS13	8-12	HDP-WS13-CT-12	4/7/2011	1.16	0.28	0.21	2.39	0.44	0.46	1.18	0.25	0.17	2.72	-	-	0.15	0.27	0.47	0.7	1.4	2.5	0.12	0.34
WS13	12-16	HDP-WS13-CT-16	4/7/2011	0.94	0.23	0.15	1.53	0.38	0.47	0.66	0.21	0.43	3.27	-	-	0.18	0.27	0.45	0.8	1.3	2.3	0.03	0.11
WS13	16-20	HDP-WS13-CT-20	4/7/2011	1.05	0.24	0.2	1.27	0.34	0.44	1.25	0.28	0.23	8.04	-	-	0.44	0.36	0.58	0.9	1.5	2.6	0.11	0.31
WS13	20-22	HDP-WS13-SS-22	4/6/2011	0.88	0.24	0.25	0.35	0.32	0.52	1.24	0.31	0.3	1.94	-	-	0.1	0.35	0.58	1.39	0.62	1.6	0.06	0.15
WS13	22-24	HDP-WS13-SS-24	4/6/2011	0.94	0.24	0.23	0.43	0.32	0.51	1.42	0.27	0.09	1.28	-	-	-0.03	0.33	0.56	1.28	0.95	1.5	0.10	0.26
WS13	24-26	HDP-WS13-SS-26	4/6/2011	1.02	0.26	0.28	0.1	0.28	0.47	2.08	0.45	0.35	1.20	-	-	-0.2	0.4	0.67	1.2	1.1	1.8	0.23	0.62
WS13	26-28	HDP-WS13-SS-28	4/6/2011	0.81	0.2	0.22	0.05	0.31	0.54	1.39	0.38	0.29	3.99	-	-	0.22	0.32	0.52	0.98	0.91	1.5	0.08	0.23
WS13	28-30	HDP-WS13-SS-30	4/6/2011	0.87	0.21	0.23	0.29	0.37	0.61	1.11	0.28	0.29	2.94	-	-	0.16	0.36	0.6	1.03	0.96	1.6	0.03	0.09
WS13	30-32	HDP-WS13-SS-32	4/6/2011	1.27	0.32	0.26	0.15	0.38	0.65	1.6	0.38	0.2	1.00	-	-	-0.05	3.3	0.6	1	1.7	3	0.19	0.51
WS17B	0-4	HDP-WS17B-CT-4	4/7/2011	0.44	0.08	0.05	1.18	0.33	0.43	0.49	0.09	0.08	1.82	-	-	0.1	0.1	0.17	0.56	0.46	0.76	**NA**	0.06
WS17B	4-8	HDP-WS17B-CT-8	4/7/2011	0.79	0.17	0.08	1.57	0.36	0.44	0.63	0.26	0.29	1.60	-	-	-0.04	8.3	0.3	1.6	1.3	1.8	0.03	0.08
WS17B	8-12	HDP-WS17B-CT-12	4/7/2011	0.79	0.2	0.18	2.68	0.45	0.45	1.02	0.28	0.17	1.40	-	-	-0.04	0.95	0.46	1.4	1.3	1.7	0.04	0.13
WS17B	12-16	HDP-WS17B-CT-16	4/7/2011	0.94	0.2	0.18	3.32	0.5	0.45	1.1	0.25	0.18	0.82	-	-	0.04	0.33	0.57	0.8	1.2	2.1	0.07	0.21
WS17B	16-20	HDP-WS17B-CT-20	4/7/2011	0.78	0.21	0.14	0.47	0.33	0.51	0.99	0.36	0.49	0.40	-	-	-0.09	1.4	0.6	0.4	1.4	2.5	0.01	0.02
WS17B	20-22	HDP-WS17B-SS-22	4/7/2011	0.85	0.21	0.22	2.58	0.44	0.45	1.11	0.24	0.25	0.79	-	-	-0.14	0.32	0.53	0.79	0.93	1.5	0.06	0.17
WS17B	22-24	HDP-WS17B-SS-24	4/7/2011	1.05	0.24	0.23	2.56	0.43	0.43	1.66	0.28	0.25	1.20	-	-	0	0.36	0.61	1.2	0.96	1.5	0.19	0.52
WS17B	26-28	HDP-WS17B-SS-28	4/7/2011	0.88	0.2	0.19	0.07	0.28	0.47	1.25	0.22	0.22	3.46	-	-	0.19	0.26	0.42	1.04	0.48	1.2	0.06	0.16

Attachment 3
Well Abandonment Cuttings/Soil Samples 2011

Station ID	Depth	Sample ID	Date Sampled	Ra-226(pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
				Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calculated	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
WS17B	28-30	HDP-WS17B-SS-30	4/7/2011	0.74	0.28	0.27	0.003	0.26	0.45	1.03	0.31	0.25	1.85	-	-	0.09	0.33	0.58	1.9	1.7	2.2	0.01	0.04
WS17B	30-32	HDP-WS17B-SS-32	4/7/2011	1.13	0.22	0.19	-0.05	0.24	0.41	1.01	0.23	0.28	2.38	-	-	0.12	0.35	0.6	1.9	1.5	2	0.05	0.15

- The same footnotes for Attachment 2 apply to Attachment 3.
- Samples from 20-32 feet for WS-13 and WS-17B are soil samples collected using a split barrel sampler after completing over drilling of the wells to approximately 20 feet.

Attachment 4
Well Abandonment Cuttings 2012

Station ID	Depth	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
				Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calculated	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
Hybrid Wells																							
BD-02	0-5	2116-SS-120109-04-01	1/9/2012	0.73	0.10	0.03	76.80	7.60	0.50	0.11	0.06	0.09	10.50	-	-	0.58	0.15	0.17	2.27	0.45	1.10	**NA**	**3.14**
BD-02	5-10	2116-SS-120109-04-02	1/9/2012	0.79	0.13	0.07	28.60	2.90	0.50	0.84	0.15	0.12	70.61	-	-	3.83	0.46	0.32	6.40	1.20	1.10	0.50	**1.61**
BD-02	10-15	2116-SS-120109-04-03	1/10/2012	0.98	0.15	0.09	19.20	2.00	0.50	0.99	0.16	0.12	45.89	-	-	2.51	0.37	0.32	5.10	1.10	1.20	0.35	**1.12**
BD-02	15-20	2116-SS-120109-04-04	1/10/2012	0.88	0.13	0.07	8.50	1.00	0.50	1.08	0.17	0.09	29.19	-	-	1.59	0.25	0.25	2.89	0.52	0.93	0.18	0.58
BD-02	20-25	2116-SS-120109-04-05	1/10/2012	0.82	0.11	0.06	4.98	0.70	0.50	1.02	0.17	0.13	4.05	-	-	0.22	0.13	0.18	1.57	0.69	0.82	0.08	0.24
BD-02	25-30	2116-SS-120109-04-06	1/10/2012	0.92	0.15	0.08	5.19	0.71	0.48	1.30	0.21	0.07	3.90	-	-	0.21	0.16	0.21	1.76	0.70	0.88	0.14	0.40
BD-02	30-35	2116-SS-120109-04-07	1/10/2012	0.79	0.12	0.09	3.80	0.59	0.49	1.21	0.18	0.14	4.55	-	-	0.25	0.16	0.20	1.26	0.40	0.96	0.10	0.29
BD-03	0-5	2161-SS-120116-04-01	1/17/2012	0.63	0.093	0.048	0.25	0.32	0.53	0.77	0.12	0.09	32.25	-	-	1.71	0.24	0.2	1.98	0.41	0.82	**NA**	0.22
BD-03	5-10	2161-SS-120116-04-02	1/17/2012	1.15	0.17	0.09	0.07	0.29	0.5	1.3	0.26	0.16	6.03	-	-	0.33	0.17	0.26	1.88	0.92	1.1	0.12	0.33
BD-03	10-15	2161-SS-120116-04-03	1/17/2012	0.86	0.12	0.07	0.33	0.3	0.48	0.89	0.17	0.11	4.91	-	-	0.27	0.13	0.26	1.37	0.75	0.92	0.01	0.05
BD-03	15-20	2161-SS-120116-04-04	1/17/2012	0.83	0.13	0.07	0.47	0.3	0.47	1.06	0.16	0.12	4.54	-	-	0.25	0.14	0.17	1.16	0.35	0.92	0.03	0.08
BD-03	20-25	2161-SS-120116-04-05	1/17/2012	0.71	0.1	0.05	1.44	0.37	0.46	0.97	0.14	0.1	2.94	-	-	0.156	0.097	0.15	1.53	0.6	0.72	0.03	0.08
BD-03	25-30	2161-SS-120116-04-06	1/17/2012	0.76	0.12	0.07	-0.008	0.28	0.48	1.06	0.17	0.12	4.56	-	-	0.25	0.15	0.18	1.36	0.69	0.83	0.02	0.07
BD-03	30-35	2161-SS-120116-04-07	1/17/2012	0.79	0.14	0.08	0.19	0.31	0.52	1.14	0.18	0.12	1.91	-	-	0.1	0.17	0.28	1.12	0.7	0.91	0.03	0.10
BD-04	0-5	2135-SS-120111-04-01	1/11/2012	1	0.19	0.11	0.42	0.29	0.45	1.46	0.32	0.11	2.58	-	-	0.13	0.26	0.45	2.1	1.4	1.9	**NA**	0.33
BD-04	5-10	2135-SS-120111-04-02	1/11/2012	1.02	0.14	0.07	2.02	0.42	0.46	1.45	0.23	0.09	2.06	-	-	0.1	0.15	0.26	2.09	0.79	0.94	0.14	0.39
BD-04	10-15	2135-SS-120111-04-03	1/16/2012	0.97	0.13	0.07	2.4	0.47	0.49	1.41	0.2	0.11	4.52	-	-	0.24	0.16	0.25	2.3	0.81	0.94	0.13	0.38
BD-04	15-20	2135-SS-120111-04-04	1/16/2012	1.13	0.17	0.08	1.74	0.43	0.52	1.45	0.25	0.17	1.36	-	-	0.06	0.18	0.3	2.31	0.87	1	0.16	0.44
BD-04	20-25	2135-SS-120111-04-05	1/16/2012	0.79	0.11	0.06	2.21	0.44	0.47	1.05	0.16	0.13	2.05	-	-	0.11	0.14	0.23	0.94	0.28	0.78	0.04	0.13
BD-04	25-30	2135-SS-120111-04-06	1/16/2012	0.75	0.11	0.05	2.07	0.44	0.49	1.15	0.17	0.09	2.46	-	-	0.13	0.12	0.16	1.36	0.72	0.87	0.06	0.18
BD-04	30-35	2135-SS-120111-04-07	1/16/2012	0.76	0.11	0.05	2.14	0.42	0.44	0.99	0.14	0.07	1.75	-	-	0.09	0.13	0.21	1.2	0.32	0.72	0.03	0.10
BD-06	0-5	2181-SS-120119-04-01	1/19/2012	1.13	0.16	0.08	11.6	1.4	0.6	1.26	0.22	0.12	12.56	-	-	0.68	0.2	0.2	5.1	1.2	1.2	**NA**	0.82
BD-06	5-10	2181-SS-120119-04-02	1/19/2012	1.6	0.31	0.21	0.1	0.29	0.5	1.45	0.32	0.15	0.63	-	-	0.02	0.23	0.57	2.6	1.5	2	0.22	0.62
BD-06	10-15	2181-SS-120119-04-03	1/23/2012	1.7	0.3	0.18	0.61	0.35	0.54	1.76	0.34	0.22	4.42	-	-	0.24	0.32	0.53	1.7	0.78	2.1	0.31	0.86
BD-06	15-20	2181-SS-120119-04-04	1/23/2012	1.74	0.29	0.19	1.36	0.39	0.49	1.69	0.29	0.24	2.55	-	-	0.13	0.27	0.52	1.9	1.7	2.3	0.31	0.87
BD-06	20-25	2181-SS-120119-04-05	1/23/2012	1.04	0.21	0.21	0.07	0.31	0.54	1.33	0.25	0.25	1.79	-	-	0.09	0.24	0.51	1.5	1.7	2.3	0.10	0.26
BD-06	25-30	2181-SS-120119-04-06	1/23/2012	1.23	0.24	0.18	0.32	0.3	0.48	1.64	0.3	0.21	12.50	-	-	0.68	0.31	0.45	4.7	2	2.4	0.21	0.61
BD-06	30-35	2181-SS-120119-04-07	1/23/2012	0.58	0.1	0.06	0.04	0.25	0.43	0.75	0.14	0.06	1.67	-	-	0.09	0.12	0.22	0.76	0.28	0.72	0.00	0.02
BD-08	0-5	2173-SS-120118-04-01	1/18/2012	0.96	0.18	0.13	41.7	4.2	0.5	1.04	0.23	0.26	802.86	-	-	38.7	4	1.2	18.4	4.4	4.4	**NA**	**6.68**
BD-08	5-10	2173-SS-120118-04-02	1/18/2012	1.55	0.28	0.2	6.4	0.87	0.58	1.38	0.32	0.25	10.33	-	-	0.57	0.29	0.37	2.3	1.3	1.8	0.30	0.86
BD-08	10-15	2173-SS-120118-04-03	1/18/2012	1.73	0.31	0.18	1.49	0.42	0.55	1.06	0.3	0.4	6.17	-	-	0.34	0.37	0.45	1.55	0.92	2.6	0.20	0.57
BD-08	15-20	2173-SS-120118-04-04	1/18/2012	1.64	0.28	0.18	2.82	0.5	0.49	1.74	0.37	0.18	14.14	-	-	0.78	0.41	0.49	2.3	1.8	2.5	0.34	0.97
BD-08	20-25	2173-SS-120118-04-05	1/18/2012	1.61	0.26	0.16	1.18	0.43	0.61	1.62	0.3	0.2	4.52	-	-	0.24	0.31	0.55	2.3	1.7	2.2	0.28	0.77
BD-08	25-30	2173-SS-120118-04-06	1/18/2012	1.36	0.28	0.21	2.7	0.49	0.48	1.86	0.34	0.16	2.20	-	-	0	0.29	0.61	2.2	1.8	2.3	0.29	0.80

Attachment 4
Well Abandonment Cuttings 2012

Station ID	Depth	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
				Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calculated	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD-08	30-35	2173-SS-120118-04-07	1/18/2012	1.46	0.28	0.18	9.5	1.1	0.5	1.2	0.34	0.23	43.63	-	-	2.32	0.55	0.51	2.8	1.8	2.4	0.34	**1.06**
BD-13	0-5	2188-SS-120123-04-01	1/23/2012	0.82	0.12	0.06	0.35	0.3	0.48	1.13	0.17	0.1	1.64	-	-	0.08	0.12	0.22	1.55	0.64	0.78	**NA**	0.10
BD-13	5-10	2188-SS-120123-04-02	1/23/2012	1.58	0.25	0.15	0.34	0.32	0.52	1.47	0.28	0.29	1.85	-	-	0.09	0.25	0.35	1.9	1.6	2.2	0.23	0.63
BD-13	10-15	2188-SS-120123-04-03	1/23/2012	1.31	0.25	0.2	1.02	0.36	0.49	1.44	0.29	0.28	1.09	-	-	0.05	0.31	0.54	1.3	1.4	1.9	0.18	0.49
BD-13	15-20	2188-SS-120123-04-04	1/23/2012	0.87	0.13	0.07	0.79	0.31	0.44	1.13	0.18	0.11	0.68	-	-	0.03	0.14	0.24	1.11	0.34	0.8	0.04	0.11
BD-13	20-25	2188-SS-120123-04-05	1/23/2012	0.8	0.12	0.05	0.83	0.32	0.45	1.17	0.19	0.08	1.16	-	-	0.06	0.12	0.23	0.8	0.26	0.72	0.05	0.13
BD-13	25-30	2188-SS-120123-04-06	1/23/2012	0.84	0.14	0.07	0.53	0.32	0.48	1.19	0.19	0.12	2.29	-	-	0.12	0.17	0.26	1.37	0.65	0.84	0.05	0.14
BD-13	30-31	2188-SS-120123-04-07	1/23/2012	0.85	0.14	0.09	0.68	0.33	0.48	1.09	0.18	0.16	2.64	-	-	0.14	0.17	0.27	1.38	0.79	0.99	0.03	0.10
BP-17	0-5	2142-SS-120111-04-09	1/17/2012	1.08	0.16	0.07	0.74	0.37	0.55	1.24	0.19	0.14	6.75	-	-	0.37	0.18	0.21	2.07	0.78	0.95	**NA**	0.30
BP-17	5-10	2142-SS-120111-04-10	1/17/2012	0.81	0.11	0.06	21.1	2.2	0.5	1.03	0.17	0.07	9.23	-	-	0.51	0.18	0.22	1.66	0.37	0.75	0.31	0.92
BP-17	10-15	2142-SS-120111-04-11	1/17/2012	0.83	0.13	0.06	7.28	0.91	0.52	1.04	0.16	0.1	2.93	-	-	0.16	0.14	0.24	1.01	0.33	0.82	0.11	0.33
BP-17	15-20	2142-SS-120111-04-12	1/17/2012	0.83	0.13	0.06	7.36	0.93	0.54	1.08	0.23	0.13	4.40	-	-	0.24	0.15	0.23	1.49	0.75	0.94	0.12	0.37
BP-17	20-25	2142-SS-120111-04-13	1/17/2012	0.7	0.11	0.07	3.97	0.62	0.53	0.99	0.16	0.06	4.71	-	-	0.26	0.16	0.18	0.76	0.32	0.96	0.06	0.19
BP-17	25-30	2142-SS-120111-04-14	1/17/2012	1.17	0.23	0.18	3.49	0.57	0.52	1.31	0.29	0.22	1.39	-	-	0.07	0.27	0.47	1.16	0.69	2	0.16	0.45
BP-17	30-34	2142-SS-120111-04-15	1/17/2012	0.78	0.13	0.07	0.74	0.37	0.56	1.1	0.17	0.13	2.57	-	-	0.14	0.15	0.23	0.89	0.3	0.74	0.03	0.10
BP-20A	0-5	2174-SS-120118-04-01	1/23/2012	0.84	0.12	0.05	0.16	0.29	0.48	1.01	0.18	0.16	2.24	-	-	0.12	0.15	0.26	1.02	0.34	0.9	**NA**	0.03
BP-20A	5-10	2174-SS-120118-04-02	1/23/2012	1.34	0.22	0.14	0.16	0.28	0.47	1.29	0.27	0.26	1.73	-	-	0.09	0.2	0.43	1.11	0.65	1.8	0.14	0.40
BP-20A	10-15	2174-SS-120118-04-03	1/23/2012	1	0.16	0.12	-0.05	0.3	0.52	1.01	0.18	0.14	2.32	-	-	0.11	0.21	0.36	2.6	2.4	3.2	0.03	0.09
BP-20A	15-20	2174-SS-120118-04-04	1/23/2012	1.18	0.2	0.13	-0.14	0.29	0.52	1.09	0.27	0.19	3.05	-	-	0.16	0.27	0.49	1.8	1.2	1.7	0.08	0.22
BP-20A	20-25	2174-SS-120118-04-05	1/23/2012	1.24	0.22	0.15	-0.07	0.29	0.51	1.31	0.23	0.22	0.78	-	-	-0.01	0.13	0.45	0.78	0.55	1.6	0.12	0.34
BP-20A	25-30	2174-SS-120118-04-06	1/23/2012	1.24	0.27	0.2	-0.03	0.26	0.46	1.58	0.3	0.21	4.09	-	-	0.22	0.32	0.55	1.8	1.4	2	0.18	0.50
BP-21	0-5	2230-SS-120131-04-01	1/31/2012	1.06	0.23	0.18	0.03	0.25	0.44	1.69	0.31	0.25	4.70	-	-	0.24	0.25	0.42	3.4	1.6	2	**NA**	0.48
BP-21	5-10	2230-SS-120131-04-02	1/31/2012	1.25	0.24	0.15	0.16	0.3	0.5	1.72	0.33	0.22	2.35	-	-	0.12	0.33	0.57	1.74	0.84	2.1	0.21	0.58
BP-21	10-15	2230-SS-120131-04-03	1/31/2012	1.22	0.22	0.15	0.05	0.26	0.44	1.49	0.26	0.23	3.37	-	-	0.18	0.27	0.51	1.7	1.5	2	0.16	0.45
BP-21	15-20	2230-SS-120131-04-04	1/31/2012	1.01	0.14	0.06	-0.11	0.31	0.55	1.14	0.17	0.13	1.69	-	-	0.08	0.14	0.24	1.83	0.7	0.85	0.05	0.15
BP-21	20-25	2230-SS-120131-04-05	1/31/2012	1.25	0.21	0.13	0.07	0.23	0.39	1.42	0.26	0.21	6.12	-	-	0.33	0.33	0.4	2.6	1.5	1.9	0.16	0.45
BP-21	25-30	2230-SS-120131-04-06	1/31/2012	1.24	0.21	0.14	0.03	0.28	0.48	1.57	0.26	0.22	2.06	-	-	0.1	0.3	0.47	2	1.4	1.8	0.18	0.49
BP-21	30-35	2230-SS-120131-04-07	1/31/2012	1.22	0.2	0.14	0.37	0.29	0.46	1.36	0.26	0.24	2.06	-	-	0.1	0.26	0.45	2.1	1.3	1.8	0.14	0.39
BP-22A	0-5	2222-SS-120130-04-01	1/30/2012	0.97	0.19	0.14	0.15	0.27	0.45	1.14	0.19	0.16	2.48	-	-	0.13	0.27	0.42	1.45	0.96	1.6	**NA**	0.14
BP-22A	5-10	2222-SS-120130-04-02	1/30/2012	1.2	0.24	0.17	0.01	0.26	0.45	1.41	0.27	0.23	3.02	-	-	0.15	0.31	0.46	2.6	1.3	1.8	0.14	0.40
BP-22A	10-15	2222-SS-120130-04-03	1/30/2012	1.18	0.23	0.17	0.12	0.29	0.48	1.42	0.27	0.16	3.33	-	-	0.18	0.28	0.53	1.33	0.78	2.4	0.14	0.39
BP-22A	15-20	2222-SS-120130-04-04	1/30/2012	0.96	0.14	0.07	-0.002	0.26	0.45	1.2	0.2	0.13	2.05	-	-	0.11	0.16	0.26	0.94	0.34	0.84	0.05	0.15
BP-22A	20-25	2222-SS-120130-04-05	1/30/2012	1.15	0.21	0.17	0.08	0.26	0.44	1.13	0.32	0.28	0.69	-	-	0.026	0.067	0.48	2	1.4	1.9	0.08	0.22
BP-22A	25-30	2222-SS-120130-04-06	1/30/2012	1.2	0.23	0.17	0.1	0.27	0.46	1.42	0.27	0.18	3.46	-	-	0.18	0.28	0.47	2.3	1.5	2	0.15	0.41
BP-22A	30-35	2222-SS-120130-04-07	1/30/2012	1.1	0.23	0.17	0.24	0.26	0.42	1.37	0.28	0.22	1.21	-	-	0.06	0.23	0.47	1.07	0.7	2	0.12	0.31

Attachment 4
Well Abandonment Cuttings 2012

Station ID	Depth	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
				Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calculated	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
EP-14	0-5	2213-SS-120126-04-01	1/26/2012	0.87	0.14	0.08	16.6	1.8	0.4	0.92	0.18	0.12	18.84	-	-	1.04	0.22	0.23	4	1.2	1.2	**NA**	0.80
EP-14	5-10	2213-SS-120126-04-02	1/26/2012	0.96	0.18	0.13	15.7	1.7	0.5	0.99	0.24	0.19	19.66	-	-	1.08	0.34	0.39	2.52	0.71	1.7	0.26	0.79
EP-14	10-15	2213-SS-120126-04-03	1/26/2012	0.92	0.13	0.06	6.97	0.9	0.51	0.93	0.16	0.1	7.43	-	-	0.41	0.15	0.18	1.62	0.39	0.85	0.11	0.34
EP-14	15-20	2213-SS-120126-04-04	1/26/2012	0.92	0.12	0.05	3.55	0.59	0.52	0.95	0.14	0.11	3.49	-	-	0.19	0.098	0.16	1.21	0.33	0.78	0.06	0.18
EP-14	20-25	2213-SS-120126-04-05	1/26/2012	0.96	0.16	0.09	8.33	0.99	0.42	1.12	0.17	0.11	11.25	-	-	0.62	0.2	0.23	2.74	0.98	1.1	0.17	0.51
EP-14	25-30	2213-SS-120126-04-06	1/26/2012	0.92	0.14	0.07	7.11	0.88	0.44	1.02	0.15	0.1	3.65	-	-	0.2	0.13	0.24	1.11	0.34	0.81	0.11	0.33
EP-14	30-35	2213-SS-120126-04-07	1/26/2012	0.81	0.12	0.06	7.49	0.96	0.52	0.93	0.15	0.12	3.06	-	-	0.159	0.09	0.16	2.02	0.74	0.83	0.11	0.33
EP-16	0-5	2223-SS-120130-04-01	1/30/2012	1.19	0.22	0.16	5.43	0.72	0.45	1.58	0.27	0.22	4.04	-	-	0.21	0.32	0.49	2.5	1.3	1.8	**NA**	0.70
EP-16	5-10	2223-SS-120130-04-02	1/30/2012	1.14	0.24	0.21	4.25	0.61	0.44	1.55	0.32	0.24	2.55	-	-	0.13	0.29	0.5	1.84	0.76	2.1	0.21	0.60
EP-16	10-15	2223-SS-120130-04-03	1/30/2012	1.18	0.17	0.08	4.86	0.67	0.45	1.32	0.2	0.11	3.27	-	-	0.18	0.2	0.3	0.86	0.39	1	0.19	0.53
EP-16	15-20	2223-SS-120130-04-04	1/30/2012	1.26	0.31	0.26	10.5	1.2	0.5	1.74	0.37	0.12	3.56	-	-	0.19	0.31	0.48	1.71	0.78	2.2	0.36	**1.01**
EP-16	20-25	2223-SS-120130-04-05	1/30/2012	0.59	0.09	0.05	6.77	0.83	0.4	0.66	0.12	0.07	1.66	-	-	0.09	0.11	0.18	0.67	0.25	0.67	0.10	0.28
EP-16	25-30	2223-SS-120130-04-06	1/30/2012	0.81	0.12	0.06	7.43	0.89	0.41	0.98	0.16	0.08	2.44	-	-	0.13	0.13	0.22	1.24	0.6	0.76	0.11	0.32
EP-16	30-32	2223-SS-120130-04-07	1/30/2012	0.47	0.09	0.05	3.93	0.6	0.48	0.54	0.11	0.09	1.25	-	-	0.06	0.095	0.18	0.98	0.52	0.65	0.06	0.17
LF-09	0-5	2196-SS-120124-04-01	1/25/2012	0.7	0.15	0.11	0.34	0.3	0.47	0.46	0.19	0.24	3.99	-	-	0.22	0.21	0.36	1.01	0.51	1.4	**NA**	0.04
LF-09	5-10	2196-SS-120124-04-02	1/25/2012	0.81	0.18	0.13	0.47	0.34	0.53	1.04	0.23	0.2	11.78	-	-	0.65	0.36	0.42	1.9	0.69	1.7	0.03	0.12
LF-09	10-15	2196-SS-120124-04-03	1/25/2012	0.74	0.15	0.12	0.67	0.3	0.44	0.67	0.17	0.12	14.31	-	-	0.79	0.24	0.28	2.4	1.2	1.4	0.03	0.13
LF-09	15-20	2196-SS-120124-04-04	1/25/2012	0.88	0.15	0.11	0.62	0.3	0.45	0.78	0.17	0.14	13.52	-	-	0.74	0.27	0.31	1.51	0.55	1.4	0.03	0.12
LF-09	20-25	2196-SS-120124-04-05	1/25/2012	1.06	0.2	0.13	0.53	0.32	0.49	1.14	0.21	0.14	11.06	-	-	0.61	0.27	0.34	1.7	1.1	1.5	0.08	0.25
LF-09	25-30	2196-SS-120124-04-06	1/25/2012	0.96	0.14	0.06	0.31	0.26	0.41	0.86	0.13	0.1	7.25	-	-	0.4	0.16	0.19	1.63	0.75	0.86	0.03	0.10
LF-09	30-35	2196-SS-120124-04-07	1/25/2012	1.12	0.18	0.1	0.26	0.28	0.46	1.1	0.2	0.16	2.24	-	-	0.12	0.15	0.27	1.04	0.36	0.94	0.07	0.20
WS-25	0-5	2142-SS-120111-04-01	1/16/2012	0.34	0.09	0.08	0.45	0.33	0.52	0.45	0.12	0.05	2.37	-	-	0.13	0.11	0.19	0.71	0.28	0.85	**NA**	0.04
WS-25	5-10	2142-SS-120111-04-02	1/16/2012	0.31	0.07	0.06	0.15	0.31	0.52	0.51	0.12	0.05	6.00	-	-	0.33	0.14	0.16	1.59	0.58	0.67	0.01	0.05
WS-25	10-15	2142-SS-120111-04-03	1/16/2012	0.38	0.12	0.12	0.85	0.37	0.55	0.43	0.14	0.27	7.45	-	-	0.41	0.24	0.27	1.99	0.56	1.1	0.03	0.09
WS-25	15-20	2142-SS-120111-04-04	1/16/2012	0.4	0.1	0.08	0.43	0.3	0.48	0.4	0.13	0.16	4.72	-	-	0.26	0.18	0.27	1.24	0.46	1.1	0.01	0.05
WS-25	20-25	2142-SS-120111-04-05	1/16/2012	0.31	0.1	0.1	-0.17	0.31	0.55	0.4	0.12	0.2	5.45	-	-	0.3	0.19	0.2	1.4	0.83	1	0.01	0.04
WS-25	25-30	2142-SS-120111-04-06	1/16/2012	0.49	0.13	0.08	0.08	0.28	0.47	0.29	0.2	0.29	2.71	-	-	0.14	0.17	0.25	1.82	0.91	1.1	0.01	0.03
WS-25	30-35	2142-SS-120111-04-07	1/16/2012	0.67	0.14	0.06	-0.07	0.28	0.48	0.74	0.17	0.09	3.43	-	-	0.18	0.18	0.33	2.12	0.92	1.1	0.01	0.03
WS-25	35-38	2142-SS-120111-04-08	1/16/2012	0.5	0.11	0.08	0.06	0.28	0.49	0.77	0.14	0.1	3.46	-	-	0.19	0.14	0.22	0.96	0.36	0.86	0.01	0.03
WS-27	0-5	2231-SS-120131-04-01	1/31/2012	0.78	0.16	0.1	0.18	0.29	0.48	0.86	0.21	0.19	4.55	-	-	0.25	0.16	0.28	1.29	0.43	1.3	**NA**	0.04
WS-27	5-10	2231-SS-120131-04-02	1/31/2012	0.82	0.17	0.12	-0.03	0.27	0.48	1.11	0.23	0.09	4.54	-	-	0.25	0.17	0.24	1.11	0.52	1.2	0.03	0.09
WS-27	10-15	2231-SS-120131-04-03	1/31/2012	0.71	0.14	0.09	-0.06	0.27	0.48	0.81	0.17	0.12	1.55	-	-	0.08	0.14	0.27	1.07	0.84	1.1	0.00	0.02
WS-27	15-20	2231-SS-120131-04-04	1/31/2012	0.94	0.17	0.1	0.002	0.25	0.44	1.05	0.18	0.1	2.16	-	-	0.11	0.16	0.3	1.66	0.74	0.94	0.02	0.07
WS-27	20-25	2231-SS-120131-04-05	1/31/2012	1.18	0.18	0.09	0.15	0.26	0.43	1.3	0.21	0.08	2.52	-	-	0.13	0.14	0.31	1.78	0.75	0.98	0.12	0.33
WS-27	25-30	2231-SS-120131-04-06	1/31/2012	1.6	0.25	0.11	0.07	0.31	0.53	1.49	0.26	0.18	4.62	-	-	0.25	0.24	0.41	1.87	0.56	1.3	0.23	0.66

Attachment 4
Well Abandonment Cuttings 2012

Station ID	Depth	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)			U-235 (pCi/g)			U-238 (pCi/g)			Excavation SOF_n	Uniform SOF_n
				Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calculated	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
WS-27	30-33	2231-SS-120131-04-07	1/31/2012	1.03	0.15	0.07	-0.03	0.24	0.41	1.18	0.18	0.1	3.34	-	-	0.18	0.13	0.18	1.4	0.57	0.77	0.07	0.19
WS-29	0-5	2247-SS-120202-04-01	2/2/2012	1.12	0.18	0.1	-0.18	0.32	0.57	1.02	0.18	0.12	2.75	-	-	0.15	0.16	0.31	0.99	0.7	0.99	**NA**	0.15
WS-29	5-10	2247-SS-120202-04-02	2/2/2012	0.94	0.19	0.13	-0.12	0.3	0.53	1.14	0.24	0.19	0.63	-	-	0.02	0.17	0.3	1.67	0.92	1.2	0.04	0.10
WS-29	10-15	2247-SS-120202-04-03	2/2/2012	1.02	0.17	0.1	-0.39	0.29	0.54	1.25	0.22	0.06	4.33	-	-	0.23	0.17	0.3	2.2	1.1	1.2	0.08	0.23
WS-29	15-20	2247-SS-120202-04-04	2/2/2012	0.89	0.15	0.09	-0.07	0.33	0.58	1.02	0.18	0.15	3.63	-	-	0.2	0.14	0.17	0.88	0.39	1.2	0.01	0.04
WS-29	20-25	2247-SS-120202-04-05	2/2/2012	0.88	0.13	0.06	-0.38	0.28	0.51	1.07	0.16	0.11	1.96	-	-	0.1	0.13	0.24	1.52	0.65	0.83	0.02	0.06
WS-29	25-28.5	2247-SS-120202-04-06	2/2/2012	0.97	0.15	0.07	-0.27	0.29	0.53	1.07	0.16	0.12	2.45	-	-	0.133	0.097	0.17	0.96	0.38	0.98	0.03	0.09
Non-Hybrid Wells																							
BP-015	0-5	2206-SS-120125-04-01	1/25/2012	1.69	0.24	0.09	0.12	0.25	0.42	1.52	0.26	0.18	7.62	-	-	0.41	0.23	0.28	3.4	1.2	1.4	**NA**	0.75
BP-015	5-10	2206-SS-120125-04-02	1/25/2012	0.93	0.16	0.09	-0.17	0.28	0.51	1	0.17	0.08	7.81	-	-	0.43	0.17	0.24	2.08	0.96	1.2	0.02	0.08
BP-015	10-15	2206-SS-120125-04-03	1/25/2012	0.96	0.15	0.08	0.17	0.29	0.48	1.11	0.17	0.08	12.11	-	-	0.66	0.21	0.23	4.3	1	1	0.06	0.19
BP-015	15-20	2206-SS-120125-04-04	1/25/2012	0.96	0.14	0.08	0.15	0.27	0.46	1.26	0.19	0.11	13.55	-	-	0.74	0.16	0.19	4.49	0.97	1	0.09	0.28
BP-015	20-25	2206-SS-120125-04-05	1/25/2012	0.97	0.16	0.09	0.29	0.26	0.41	1.29	0.2	0.15	8.15	-	-	0.44	0.2	0.27	3.44	0.99	1.1	0.09	0.26
BP-015	25-30	2206-SS-120125-04-06	1/25/2012	0.75	0.13	0.08	0.23	0.3	0.5	1.11	0.17	0.04	3.66	-	-	0.2	0.12	0.18	1.2	0.33	0.76	0.03	0.09
BP-015	30-33	2206-SS-120125-04-07	1/25/2012	0.71	0.11	0.06	0.15	0.29	0.49	0.96	0.14	0.12	4.73	-	-	0.26	0.15	0.17	1.32	0.63	0.78	0.01	0.04
BP-040	0-5	2200-SS-120124-04-01	1/24/2012	1.44	0.28	0.17	1.96	0.43	0.49	1.54	0.29	0.18	13.04	-	-	0.72	0.31	0.38	2.13	0.75	2.2	**NA**	0.73
BP-040	5-10	2200-SS-120124-04-02	1/24/2012	1.94	0.3	0.19	3.66	0.58	0.48	2.21	0.41	0.26	4.46	-	-	0.23	0.36	0.63	3	1.8	2.4	0.49	**1.34**
BP-040	10-15	2200-SS-120124-04-03	1/24/2012	2.51	0.31	0.13	1.8	0.42	0.48	1.98	0.27	0.19	10.17	-	-	0.54	0.32	0.43	5.4	1.2	4.1	0.53	**1.50**
BP-040	15-20	2200-SS-120124-04-04	1/24/2012	0.40	0.07	0.03	1.86	0.4	0.44	0.43	0.07	0.06	1.11	-	-	0.06	0.08	0.14	0.7	0.44	0.54	0.03	0.09
BP-040	20-25	2200-SS-120124-04-05	1/24/2012	0.46	0.07	0.04	1.7	0.37	0.41	0.66	0.1	0.06	0.65	-	-	0.03	0.09	0.16	0.7	0.43	0.54	0.03	0.08
BP-040	25-30	2200-SS-120124-04-06	1/24/2012	0.43	0.07	0.04	1.2	0.34	0.44	0.61	0.09	0.048	2.25	-	-	0.12	0.096	0.16	0.87	0.5	0.61	0.02	0.07
BP-040	30-31	2200-SS-120124-04-07	1/24/2012	0.39	0.07	0.04	0.72	0.32	0.48	0.6	0.11	0.07	1.14	-	-	0.06	0.08	0.17	0.42	0.22	0.59	0.01	0.04
BP-055	0-5	2189-SS-120123-01-01	1/23/2012	1.16	0.18	0.09	-0.03	0.26	0.45	1.12	0.2	0.12	0.80	-	-	0.03	0.13	0.32	1.68	0.66	0.88	**NA**	0.21
BP-055	5-10	2189-SS-120123-01-02	1/23/2012	0.58	0.13	0.09	-0.06	0.27	0.48	1.1	0.21	0.14	3.71	-	-	0.2	0.15	0.23	1.53	0.81	1	0.03	0.08
BP-055	10-15	2189-SS-120123-01-03	1/23/2012	1.62	0.25	0.12	-0.2	0.23	0.42	1.58	0.29	0.12	1.69	-	-	0.08	0.12	0.42	1.98	0.62	1.5	0.25	0.69
BP-055	15-20	2189-SS-120123-01-04	1/23/2012	0.86	0.14	0.07	-0.08	0.27	0.48	1.12	0.22	0.14	5.41	-	-	0.29	0.17	0.24	2.56	0.83	0.95	0.04	0.11
BP-055	20-25	2189-SS-120123-01-05	1/23/2012	0.99	0.16	0.09	-0.24	0.25	0.46	1.19	0.19	0.08	6.16	-	-	0.34	0.22	0.26	1.43	0.42	0.99	0.06	0.19
BP-055	25-30	2189-SS-120123-01-06	1/23/2012	0.53	0.09	0.05	0.28	0.33	0.54	0.51	0.12	0.09	1.18	-	-	0.06	0.1	0.17	0.87	0.41	0.53	0.01	0.02
BP-055	30-35	2189-SS-120123-01-07	1/23/2012	0.39	0.07	0.04	-0.21	0.26	0.47	0.59	0.09	0.04	1.48	-	-	0.08	0.09	0.16	0.72	0.45	0.57	0.00	0.01

U-234 results without ±2σ and MDC are calculated inferred results using the method from Section 14.1.4.3.3 and Table 14-5 of the Decommissioning Plan (DP) (Reference 10):

- When U-235 is negative or zero and U-238 is reported as positive, natural Uranium is assumed and the U-234 concentration = U-238 concentration.
- When U-235 is positive and U-238 is negative or zero, highly enriched uranium is assumed and the U-234 concentration = (U-235 concentration)(32.50). U-234:U-235 ratio is based on 100 percent enrichment.
- When both U-235 and U-238 data are positive, but the U-238:U-235 ratio for the data is less than 0.0001 (indicating highly enriched uranium), the U-234 concentration = (U-235 concentration)(32.50).
- When both U-235 and U-238 data are positive, but the U-238:U-235 ratio for the data is greater than 155.37 (indicating depleted uranium), the U-234 concentration = (U-235 concentration)(46.31). This is the smallest U-234:U-235 ratio from Table 14-5 of the DP.
- When both U-235 and U-238 data are positive, and the U-238:U-235 ratio is not any of the cases listed above, then the U-238:U-235 ratio for the data is used to determine the associated U-234:U-235 ratio from Table 14-5 of the DP.
- When both U-235 and U-238 data are negative or zero, U-234 concentration = 0.

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

Station ID	Sample ID	Date Sampled	Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
BD-01	GW-BD1-121704	12/6/2004	191	33	9.94	8.91	1.50	0.04	0.38	0.13	0.03	1.58	0.33	0.04	10.87	43.14
BD-02	GW-BD2-121604	12/6/2004	5100	813	7.46	8.00	1.35	0.07	0.43	0.15	0.08	1.61	0.34	0.07	10.04	820.46
BD-02	GW-BD02-062907	6/29/2007	6400	259	71.50	31.56	4.76	0.32	0.80	0.46	0.23	6.87	1.46	0.32	39.23	330.50
BD-02	GW-BD02-091707-PP	9/17/2007	5710	230	50	6.24	0.66	0.06	0.08	0.11	0.06	1.30	0.28	0.12	7.62	280
BD-02	GW-BD02-091807	9/18/2007	3370	137	40.20	1.68	0.33	0.09	0.06	0.07	0.05	0.78	0.22	0.11	2.52	177.20
BD-02	GW-BD02-120307	12/3/2007	1750	72.70	32.10	1.54	0.32	0.09	-0.01	0.05	0.11	0.39	0.16	0.11	1.92	104.80
BD-02	GW-BD02-030308	3/3/2008	2870	117	36	3.13	0.75	0.37	0.03	0.09	0.11	0.84	0.37	0.26	4.00	153
BD-02	GW-BD02-062708	6/27/2008	22	3.89	6.18	1.06	0.23	0.05	0.05	0.06	0.03	0.21	0.10	0.04	1.32	10.07
BD-02	GW-BD02-100709	10/7/2009	6130	520	10	1.56	0.35	0.10	0.19	0.13	0.06	0.26	0.14	0.09	2.01	530
BD-02	GW-BD02-121809	12/18/2009	6390	540	7.00	1.14	0.33	0.14	0.07	0.09	0.13	0.13	0.11	0.12	1.34	547
BD-02	GW-BD02-032910	3/29/2010	6970	600	7.00	0.58	0.19	0.09	0.02	0.04	0.05	0.13	0.09	0.08	0.72	607
BD-02	GW-BD02-063010	6/30/2010	6680	570	6.00	0.59	0.17	0.09	0.06	0.06	0.07	0.11	0.07	0.05	0.76	576
BD-02	GW-BD02-092910	9/29/2010	6220	530	6.00	0.37	0.08	0.08	0.02	0.02	0.05	0.06	0.03	0.07	0.45	536
BD-02	GW-BD02-122110	12/21/2010	3590	310	4.00	0.50	0.15	0.08	-0.01	0.02	0.08	0.15	0.08	0.03	0.64	314
BD-02	GW-BD02-030211	3/2/2011	4080	350	4.00	0.77	0.24	0.08	0.09	0.10	0.12	0.11	0.09	0.08	0.97	354
BD-02	GW-BD02-062711	6/27/2011	30300	2600	10	28.20	2.50	0.02	1.25	0.22	0.02	2.81	0.35	0.05	32.26	2610
BD-02	GW-BD02-062711R	6/27/2011	35200	3400	20	28.10	2.70	0.10	1.16	0.33	0.06	2.45	0.46	0.08	31.71	3420
BD-02	GW-BD02-082511	8/25/2011	8170	790	7.00	9.30	1.10	0.05	0.47	0.21	0.06	0.91	0.27	0.10	10.68	797
BD-02	GW-BD02-091611	9/16/2011	6190	600	8.00	0.64	0.31	0.16	-0.01	0.02	0.19	0.14	0.14	0.09	0.77	608
BD-02	GW-BD02-092211	9/22/2011	7810	760	7.00	30.60	3.00	0.09	1.24	0.34	0.06	2.19	0.43	0.05	34.03	767
BD-02	GW-BD02-092711	9/27/2011	5470	530	5.00	41.30	4.00	0.10	1.86	0.48	0.15	4.40	0.73	0.14	47.56	535
BD-02	GW-BD02-093011	9/30/2011	6510	630	6.00	15.30	1.60	0.07	0.64	0.24	0.06	1.90	0.39	0.07	17.84	636
BD-02	GW-BD02-100511	10/5/2011	6880	670	7.00	2.77	0.49	0.07	0.11	0.10	0.06	0.30	0.15	0.07	3.18	677
BD-02	GW-BD02-101211	10/12/2011	6450	630	6.00	0.59	0.19	0.04	0.01	0.04	0.08	0.11	0.08	0.07	0.71	636
BD-02	GW-BD02-102011	10/20/2011	6830	660	6.00	0.64	0.21	0.08	0.02	0.04	0.08	0.06	0.06	0.04	0.72	666
BD-02	GW-BD02-102511	10/25/2011	6830	660	9.00	3.30	0.52	0.08	0.13	0.10	0.05	0.37	0.15	0.07	3.80	669
BD-02	GW-BD02-110211	11/2/2011	7140	690	7.00	0.50	0.19	0.09	0.04	0.06	0.09	0.06	0.06	0.07	0.60	697
BD-02	GW-BD02-111111	11/11/2011	4100	400	5.00	36.40	3.40	0.10	1.67	0.39	0.09	3.40	0.54	0.07	41.47	405
BD-02	GW-BD02-111611	11/16/2011	5260	510	6.00	7.39	0.92	0.04	0.32	0.16	0.08	0.86	0.24	0.09	8.57	516
BD-02	GW-BD02-111711	11/17/2011	6420	620	6.00	2.72	0.47	0.08	0.11	0.09	0.05	0.31	0.14	0.07	3.14	626
BD-02	GW-BD02-111211	11/21/2011	5460	530	6.00	35.50	3.40	0.08	1.51	0.38	0.11	3.27	0.54	0.07	40.28	536
BD-02	GW-BD02-112911	11/29/2011	7420	720	7.00	25.00	2.50	0.10	0.94	0.30	0.10	2.59	0.49	0.09	28.53	727

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

Station ID	Sample ID	Date Sampled	Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
BD-02	GW-BD02-120211	12/2/2011	4510	440	5.00	22.70	2.30	0.10	1.31	0.34	0.09	2.46	0.45	0.10	26.47	445
BD-02	GW-BD02-120611	12/6/2011	4020	390	7.00	26.90	2.70	0.10	1.03	0.32	0.06	2.77	0.50	0.08	30.70	397
BD-02	GW-BD02-120611-FD	12/6/2011	4190	410	7.00	26.10	2.60	0.10	1.17	0.34	0.06	2.58	0.49	0.09	29.85	417
BD-02	GW-BD02-120911	12/9/2011	4230	410	7.00	29.70	2.80	0.07	1.29	0.33	0.05	2.99	0.49	0.04	33.98	417
BD-02	GW-BD02-121411	12/14/2011	2560	250	5.00	33.50	3.20	0.10	1.70	0.43	0.06	3.37	0.58	0.05	38.57	255
BD-02	BD-02	12/22/2011	3020	290	4.00	26.70	2.60	0.08	1.46	0.37	0.06	3.19	0.54	0.05	31.35	294
BD-02	GW-BD02-122711	12/27/2011	8020	780	7.00	38.00	3.70	0.20	1.92	0.49	0.13	3.74	0.66	0.15	43.66	787
BD-02	GW-BD02-010312	1/3/2012	3130	300	6.00	25.60	2.60	0.20	1.07	0.36	0.15	2.23	0.49	0.16	28.90	306
BD-03	GW-BD3-121704	12/6/2004	14.60	7.41	10.60	13.80	2.26	0.06	0.45	0.15	0.06	2.03	0.41	0.04	16.28	18.01
BD-03	GW-BD03-062807	6/28/2007	58.60	5.22	6.76	33.74	4.38	0.22	1.10	0.47	0.18	5.90	1.15	0.27	40.73	11.98
BD-03	GW-BD03-091807	9/18/2007	7.96	3.44	5.47	0.40	0.17	0.15	0.04	0.05	0.03	0.12	0.10	0.11	0.55	8.91
BD-03	GW-BD03-091807-PP	9/18/2007	46	4.78	7.09	2.07	0.36	0.09	0.02	0.03	0.04	0.32	0.14	0.10	2.41	11.87
BD-03	GW-BD03-120307	12/3/2007	-0.51	3.74	6.17	3.72	0.89	0.19	0.15	0.17	0.07	0.79	0.37	0.11	4.66	9.91
BD-03	GW-BD03-030308	3/3/2008	12.60	3.19	5.12	0.16	0.10	0.07	0.01	0.03	0.04	0.07	0.06	0.05	0.24	8.31
BD-03	GW-BD03-062308	6/23/2008	5.47	3.47	5.69	0.39	0.16	0.09	0.01	0.06	0.10	0.06	0.10	0.16	0.46	9.16
BD-03	GW-BD03-091908	9/19/2008	16.60	2.70	3.30	0.16	0.08	0.04	0.00	0.01	0.03	0.01	0.02	0.04	0.18	6.00
BD-03	GW-BD03-100709	10/7/2009	5.40	2.50	3.80	0.36	0.13	0.09	0.01	0.03	0.07	0.08	0.06	0.07	0.44	6.30
BD-03	GW-BD03-121509	12/15/2009	15.60	2.10	2.00	0.13	0.08	0.06	0.00	0.03	0.08	0.07	0.06	0.07	0.20	4.10
BD-03	GW-BD03-032910	3/29/2010	9.10	1.50	1.60	0.11	0.09	0.05	0.04	0.06	0.06	0.04	0.05	0.05	0.18	3.10
BD-03	GW-BD03-063010	6/30/2010	59.70	5.50	1.50	0.11	0.07	0.06	0.02	0.04	0.07	0.02	0.03	0.06	0.15	7.00
BD-03	GW-BD03-092910	9/29/2010	10.60	1.50	1.60	0.14	0.05	0.10	0.08	0.04	0.06	0.10	0.04	0.08	0.32	3.10
BD-03	GW-BD03-122110	12/21/2010	22.90	2.60	1.90	0.47	0.18	0.07	0.06	0.07	0.06	0.09	0.08	0.07	0.63	4.50
BD-03	GW-BD03-030211	3/2/2011	12.90	1.70	1.60	0.25	0.13	0.07	0.02	0.04	0.09	0.03	0.05	0.07	0.29	3.30
BD-03	GW-BD03-062711	6/27/2011	35.50	3.60	1.70	1.18	0.17	0.01	0.08	0.04	0.01	0.22	0.06	0.01	1.48	5.30
BD-03	GW-BD03-091611	9/16/2011	28.40	3.30	1.70	0.65	0.22	0.07	0.02	0.04	0.09	0.11	0.09	0.08	0.78	5.00
BD-03	GW-BD03-092211	9/22/2011	40.60	4.40	1.70	0.64	0.22	0.11	0.10	0.10	0.10	0.07	0.07	0.05	0.81	6.10
BD-03	GW-BD03-092611	9/26/2011	39.70	4.40	1.80	0.74	0.25	0.09	0.03	0.05	0.07	0.18	0.12	0.06	0.95	6.20
BD-03	GW-BD03-093011	9/30/2011	31.10	3.60	1.90	0.69	0.21	0.09	0.03	0.05	0.10	0.09	0.08	0.09	0.80	5.50
BD-03	GW-BD03-102511	10/25/2011	61.80	6.40	1.80	0.51	0.19	0.11	0.08	0.08	0.09	0.05	0.09	0.15	0.63	8.20
BD-03	GW-BD03-110211	11/2/2011	33.90	3.80	1.80	0.55	0.18	0.09	0.03	0.05	0.05	0.09	0.08	0.11	0.68	5.60
BD-03	GW-BD03-120611	12/6/2011	10.20	2.80	3.80	0.37	0.16	0.12	0.01	0.04	0.09	0.04	0.06	0.11	0.42	6.60
BD-03	GW-BD03-121411	12/14/2011	60.20	7.40	4.80	0.21	0.12	0.10	-0.01	0.04	0.13	0.10	0.09	0.10	0.31	12.20

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

Station ID	Sample ID	Date Sampled	Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
BD-03	BD-03	12/22/2011	62.20	7.10	3.30	0.27	0.13	0.08	0.04	0.06	0.05	0.20	0.12	0.09	0.51	10.40
BD-03	GW-BD03-122711	12/27/2011	54.60	5.80	1.80	0.33	0.16	0.13	0.04	0.06	0.06	0.22	0.13	0.10	0.59	7.60
BD-03	GW-BD03-010312	1/3/2012	85.60	9.20	3.30	0.67	0.22	0.12	0.04	0.06	0.06	0.10	0.09	0.10	0.81	12.50
BD-04	GW-BD4-121704	12/6/2004	298	50.90	11.60	1.33	0.29	0.05	0.07	0.05	0.06	0.41	0.13	0.05	1.81	62.50
BD-04	GW-BD04-062707	6/27/2007	513	22.60	15	2.59	0.88	0.68	0.02	0.14	0.25	0.68	0.48	0.59	3.28	37.60
BD-04	GW-BD04-091807	9/18/2007	116	7.19	8.91	0.96	0.31	0.23	0.07	0.09	0.07	0.14	0.17	0.27	1.17	16.10
BD-04	GW-BD04-120307	12/3/2007	24.70	4.31	6.88	1.64	0.64	0.28	0.26	0.26	0.09	9.59	2.67	0.61	11.49	11.19
BD-04	GW-BD04-030308	3/3/2008	99.60	6.28	7.95	0.43	0.15	0.06	0.03	0.04	0.02	0.16	0.10	0.07	0.62	14.23
BD-04	GW-BD04-062308	6/23/2008	2510	102	36	5.35	0.92	0.31	0.29	0.21	0.15	0.91	0.34	0.25	6.52	138
BD-04	GW-BD04-091908	9/19/2008	5110	440	10	215.00	22.00	1.00	9.50	3.20	1.30	44.30	7.00	1.30	268.80	450
BD-04	GW-BD04-100809	10/8/2009	4770	410	7	66.60	6.10	0.20	2.94	0.60	0.13	13.30	1.50	0.10	82.84	417
BD-04	GW-BD04-121509	12/15/2009	6420	550	7	60.80	5.70	0.30	3.47	0.73	0.14	11.50	1.50	0.20	75.77	557
BD-04	GW-BD04-033010	3/30/2010	4840	410	5	92.20	8.30	0.10	4.28	0.79	0.14	16.10	1.80	0.20	112.58	415
BD-04	GW-BD04-070110	7/1/2010	2550	220	4	58.50	5.30	0.10	3.03	0.57	0.10	11.00	1.30	0.09	72.53	224
BD-04	GW-BD04-093010	9/30/2010	3300	280	6	36.20	1.70	0.07	1.66	0.20	0.05	7.06	0.45	0.07	44.92	286
BD-04	GW-BD04-122110	12/21/2010	1940	170	3	45.50	4.20	0.10	2.29	0.47	0.11	8.70	1.10	0.10	56.49	173
BD-04	GW-BD04-030211	3/2/2011	1540	130	3	37.30	3.50	0.10	1.84	0.44	0.14	6.95	0.91	0.09	46.09	133
BD-04	GW-BD04-062811	6/28/2011	2830	240	4	37.80	3.30	0.01	2.01	0.27	0.05	7.42	0.72	0.01	47.23	244
BD-04	GW-BD04-091611	9/16/2011	1880	180	3	34.60	3.30	0.07	1.50	0.36	0.05	6.95	0.88	0.08	43.05	183
BD-04	GW-BD04-092211	9/22/2011	1900	180	3	29.60	2.80	0.04	1.23	0.33	0.09	5.89	0.78	0.04	36.72	183
BD-04	GW-BD04-092711	9/27/2011	1790	170	3	35.40	3.40	0.09	2.00	0.44	0.06	6.31	0.84	0.08	43.71	173
BD-04	GW-BD04-100511	10/5/2011	1370	130	3	34.50	3.20	0.09	1.70	0.38	0.05	6.67	0.83	0.04	42.87	133
BD-04	GW-BD04-110211	11/2/2011	1510	150	3	52.60	4.80	0.10	2.72	0.51	0.09	10.20	1.20	0.10	65.52	153
BD-04	GW-BD04-120611	12/6/2011	548	54	4	14.00	1.50	0.10	0.77	0.24	0.05	2.89	0.47	0.08	17.66	58
BD-04	GW-BD04-121411	12/14/2011	367	36	3	9.40	1.10	0.10	0.32	0.16	0.05	1.78	0.37	0.11	11.50	39
BD-04	GW-BD04-121411-FD	12/14/2011	358	35	4	8.70	1.10	0.10	0.40	0.20	0.12	2.02	0.42	0.13	11.12	39
BD-04	BD-04	12/22/2011	240	24	2	7.65	0.95	0.11	0.42	0.19	0.05	1.33	0.31	0.07	9.40	26
BD-04	GW-BD04-122211-FD	12/22/2011	216	21	2	8.80	1.10	0.10	0.40	0.20	0.15	1.78	0.38	0.12	10.98	23
BD-04	GW-BD04-122711	12/27/2011	365	36	2	17.90	1.90	0.10	1.01	0.31	0.12	3.65	0.59	0.11	22.56	38
BD-04	GW-BD04-010312	1/3/2012	370	36	2	17.00	1.80	0.08	0.69	0.24	0.10	3.27	0.52	0.08	20.96	38
BD-05	GW-BD5-121504	12/6/2004	117	22.30	11	8.80	1.43	0.05	0.36	0.11	0.03	1.58	0.31	0.04	10.74	33.30

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

Station ID	Sample ID	Date Sampled	Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
BD-06	GW-BD6-121404	12/14/2004	1.66	6.60	11.30	2.33	0.44	0.06	0.13	0.07	0.05	0.35	0.11	0.05	2.81	17.90
BD-06	GW-BD06-062707	6/27/2007	-2.80	3.84	6.42	68.91	8.74	0.29	3.05	0.85	0.07	10.66	1.81	0.27	82.62	10.26
BD-06	GW-BD06-091807	9/18/2007	0.87	3.33	5.47	126	8.62	0.06	4.33	0.59	0.06	17.94	1.51	0.12	148.27	8.80
BD-06	GW-BD06-120307	12/3/2007	-5.99	3.49	5.90	32.61	3.57	0.17	0.94	0.36	0.10	5.27	0.89	0.15	38.82	9.39
BD-06	GW-BD06-030308	3/3/2008	0.33	2.88	4.73	36.31	2.57	0.06	1.41	0.29	0.04	5.23	0.58	0.04	42.95	7.61
BD-06	GW-BD06-062308	6/23/2008	-4.21	3.23	5.43	35.84	2.35	0.03	0.99	0.22	0.03	5.45	0.55	0.06	42.27	8.66
BD-06	GW-BD06-091908	9/19/2008	0.10	1.70	2.90	30.00	2.80	0.06	1.25	0.31	0.08	4.39	0.62	0.10	35.64	4.60
BD-06	GW-BD06-100709	10/7/2009	1.60	2.40	4.00	71	6.40	0.10	3.01	0.57	0.10	11.70	1.30	0.05	85.71	6.40
BD-06	GW-BD06-121509	12/15/2009	2.60	1.20	1.90	167	15	0.20	7.90	1.20	0.20	31.00	3.20	0.20	205.90	3.10
BD-06	GW-BD06-033010	3/30/2010	3.40	1.30	1.90	395	34	0.20	17.50	2.20	0.10	67.00	6.40	0.09	479.50	3.20
BD-06	GW-BD06-070110	7/1/2010	6.50	1.30	1.70	179	16	0.10	8.00	1.10	0.10	28.90	2.90	0.20	215.90	3.00
BD-06	GW-BD06-093010	9/30/2010	-0.39	0.98	1.70	20.50	1.00	0.08	0.84	0.13	0.09	3.40	0.27	0.08	24.74	2.68
BD-06	GW-BD06-122110	12/21/2010	0.66	0.95	1.60	17.50	1.80	0.10	0.85	0.28	0.13	2.98	0.51	0.04	21.33	2.55
BD-06	GW-BD06-030311	3/3/2011	0.92	0.99	1.60	38.80	3.70	0.09	1.54	0.41	0.07	6.68	0.92	0.09	47.02	2.59
BD-06	GW-BD06-062811	6/28/2011	0.60	1.00	1.70	24.40	2.10	0.03	1.12	0.18	0.01	4.05	0.43	0.01	29.57	2.70
BD-06	GW-BD06-092611	9/26/2011	1.10	1.30	2.20	19.30	2.00	0.05	0.67	0.25	0.06	3.27	0.55	0.08	23.24	3.50
BD-06	GW-BD06-122711	12/27/2011	-0.50	1.20	2.10	8.80	1.10	0.08	0.59	0.23	0.06	1.16	0.30	0.05	10.55	3.30
BD-08	GW-BD8-122804	12/6/2004	20.50	6.70	8.12	6.17	1.05	0.05	0.18	0.08	0.04	0.68	0.17	0.03	7.03	14.82
BD-08	GW-BD08-062707	6/27/2007	38.90	4.83	6.67	9.59	1.11	0.18	0.26	0.16	0.08	1.08	0.30	0.16	10.93	11.50
BD-08	GW-BD08-091807	9/18/2007	5.28	3.51	5.65	2.01	0.34	0.11	0.04	0.05	0.04	0.28	0.13	0.12	2.32	9.16
BD-08	GW-BD08-120307	12/3/2007	0.26	3.63	5.97	3.70	0.54	0.09	0.08	0.08	0.07	0.49	0.18	0.09	4.26	9.60
BD-08	GW-BD08-030308	3/3/2008	6.96	3.1	5.00	1.34	0.27	0.05	0.07	0.07	0.02	0.18	0.10	0.06	1.59	8.10
BD-08	GW-BD08-062708	6/27/2008	10.80	3.49	5.64	2.30	0.37	0.06	0.10	0.08	0.06	0.40	0.15	0.08	2.78	9.13
BD-08	GW-BD08-100709	10/7/2009	5.00	1.60	2.40	1.18	0.31	0.12	0.15	0.12	0.10	0.17	0.12	0.10	1.50	4.00
BD-08	GW-BD08-121609	12/16/2009	10.50	1.70	1.80	1.78	0.44	0.17	0.16	0.14	0.15	0.21	0.15	0.14	2.15	3.50
BD-08	GW-BD08-033010	3/30/2010	7.80	1.50	1.90	1.37	0.35	0.10	0.05	0.07	0.11	0.17	0.12	0.10	1.59	3.40
BD-08	GW-BD08-063010	6/30/2010	5.90	1.30	1.70	1.13	0.24	0.08	0.03	0.06	0.10	0.18	0.09	0.07	1.34	3.00
BD-08	GW-BD08-092910	9/29/2010	3.70	1.40	2.10	1.17	0.15	0.10	0.00	0.00	0.09	0.20	0.06	0.07	1.37	3.50
BD-08	GW-BD08-122110	12/21/2010	6.10	1.20	1.60	0.75	0.24	0.14	0.04	0.08	0.14	0.14	0.11	0.11	0.93	2.80
BD-08	GW-BD08-030211	3/2/2011	10.50	1.60	1.70	1.14	0.24	0.09	0.00	0.04	0.09	0.26	0.11	0.05	1.40	3.30
BD-08	GW-BD08-062811	6/28/2011	5.20	1.20	1.50	0.78	0.13	0.03	0.02	0.02	0.01	0.12	0.05	0.04	0.92	2.70
BD-08	GW-BD08-092611	9/26/2011	19.20	2.50	1.90	0.65	0.22	0.09	0.00	0.02	0.06	0.06	0.07	0.08	0.71	4.40

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

Station ID	Sample ID	Date Sampled	Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
BD-08	GW-BD08-122211	12/22/2011	17.30	2.40	1.90	0.55	0.19	0.08	0.02	0.04	0.09	0.17	0.10	0.04	0.74	4.30
BD-13	GW-BD13-122804	12/6/2004	0.06	4.67	8.09	0.15	0.08	0.08	0.03	0.04	0.06	0.08	0.05	0.04	0.27	12.76
BD-13	GW-BD13-062507	6/25/2007	0.19	3.43	5.65	0.31	0.15	0.10	-0.03	0.06	0.15	0.18	0.12	0.09	0.45	9.08
BD-13	GW-BD13-091807	9/18/2007	2.68	3.17	5.15	0.46	0.14	0.08	0.02	0.03	0.02	0.18	0.09	0.06	0.66	8.32
BD-13	GW-BD13-120407	12/4/2007	0.10	3.14	5.16	0.20	0.12	0.07	0.01	0.04	0.05	0.02	0.05	0.06	0.23	8.30
BD-13	GW-BD13-030308	3/3/2008	19.50	3.43	5.43	0.27	0.13	0.08	0.03	0.05	0.04	0.15	0.11	0.11	0.44	8.86
BD-13	GW-BD13-062308	6/23/2008	31	4.16	6.48	0.20	0.11	0.04	0.01	0.04	0.06	0.40	0.15	0.08	0.26	10.64
BD-13	GW-BD13-091508	9/15/2008	-0.60	1.90	3.20	0.09	0.06	0.05	0.01	0.02	0.04	0.09	0.05	0.02	0.19	5.10
BD-13	GW-BD13-120808	12/8/2008	0.26	0.65	1.10	0.18	0.12	0.13	-0.01	0.02	0.11	0.13	0.10	0.10	0.30	1.75
BD-13	GW-BD13-031909	3/19/2009	1.55	0.96	1.50	0.20	0.09	0.06	0.01	0.03	0.06	0.05	0.05	0.06	0.26	2.46
BD-13	GW-BD13-062909	6/29/2009	0.17	0.83	1.40	0.13	0.08	0.11	0.00	0.04	0.08	0.06	0.05	0.07	0.19	2.23
BD-13	GW-BD13-100609	10/6/2009	-0.10	1.20	2.00	0.11	0.08	0.08	-0.01	0.01	0.07	0.08	0.06	0.06	0.19	3.20
BD-13	GW-BD13-120909	12/9/2009	-0.20	2.60	4.50	0.10	0.06	0.06	0.00	0.03	0.07	0.04	0.05	0.07	0.14	7.10
BD-13	GW-BD13-032410	3/24/2010	11.80	1.80	1.90	3.82	0.60	0.08	0.08	0.08	0.06	0.67	0.22	0.08	4.57	3.70
BD-13	GW-BD13-062810	6/28/2010	0.80	1.20	2.00	0.24	0.11	0.08	-0.01	0.01	0.07	0.13	0.08	0.06	0.36	3.20
BD-13	GW-BD13-092310	9/23/2010	1.60	1.00	1.70	0.05	0.08	0.14	-0.01	0.01	0.13	0.16	0.13	0.10	0.21	2.70
BD-13	GW-BD13-022511	2/25/2011	0.10	1.10	1.90	0.12	0.11	0.13	0.06	0.08	0.10	0.07	0.07	0.08	0.25	3.00
BD-13	GW-BD13-092311	9/23/2011	-0.04	1.00	1.70	0.13	0.10	0.10	0.02	0.04	0.05	0.08	0.07	0.07	0.23	2.70
BD-14	GW-BD14-122904	12/6/2004	5.38	4.88	7.75	0.10	0.06	0.05	0.00	0.03	0.05	0.01	0.03	0.05	0.11	12.63
BD-14	GW-BD14-062507	6/25/2007	0.05	3.41	5.61	2.87	0.49	0.09	0.08	0.08	0.03	0.52	0.20	0.13	3.47	9.02
BD-14	GW-BD14-091707	9/17/2007	-1.25	3.11	5.16	1.37	0.32	0.17	0.01	0.04	0.06	0.20	0.16	0.22	1.59	8.27
BD-14	GW-BD14-120407	12/4/2007	1.35	3.22	5.27	0.49	0.20	0.11	0.04	0.06	0.03	0.14	0.11	0.09	0.67	8.49
BD-14	GW-BD14-030308	3/3/2008	0.68	0.84	4.74	5.99	0.89	0.18	0.13	0.12	0.04	1.32	0.37	0.20	7.44	5.58
BD-14	GW-BD14-062608	6/26/2008	0.06	3.67	6.05	1.04	0.32	0.12	0.00	0.06	0.13	0.07	0.12	0.17	1.11	9.72
BD-14	GW-BD14-032709	3/27/2009	0.49	0.82	1.40	-	-	-	-	-	-	-	-	-	-	2.22
BD-14	GW-BD14-100609	10/6/2009	-0.06	1.30	2.20	1.23	0.31	0.10	0.04	0.06	0.09	0.29	0.14	0.08	1.56	3.50
BD-14	GW-BD14-121609	12/16/2009	0.70	2.20	3.60	0.45	0.21	0.20	0.09	0.10	0.10	0.16	0.12	0.11	0.70	5.80
BD-14	GW-BD14-032410	3/24/2010	0.09	0.96	1.60	3.21	0.52	0.13	0.10	0.09	0.11	0.48	0.18	0.11	3.79	2.56
BD-14	GW-BD14-062810	6/28/2010	1.30	1.00	1.60	2.06	0.35	0.08	0.11	0.08	0.07	0.46	0.15	0.06	2.63	2.60
BD-14	GW-BD14-092410	9/24/2010	1.50	1.10	1.70	2.97	0.50	0.08	0.08	0.08	0.05	0.39	0.16	0.07	3.44	2.80
BD-14	GW-BD14-121710	12/17/2010	0.80	1.00	1.70	6.12	0.81	0.14	0.24	0.14	0.10	0.88	0.25	0.10	7.24	2.70
BD-14	GW-BD14-030311	3/3/2011	1.00	1.10	1.70	0.00	2.40	0.08	1.13	0.33	0.06	2.88	0.51	0.12	4.01	2.80

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

Station ID	Sample ID	Date Sampled	Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
BP-015	GW-BP15-033109	3/31/2009	-0.15	0.77	1.40	-	-	-	-	-	-	-	-	-	-	2.17
BP-17	GW-BP17-122204	12/6/2004	8.03	6.04	9.34	0.05	0.04	0.04	0.00	0.03	0.04	0.03	0.03	0.04	0.08	15.38
BP-17	GW-BP17-062807	6/28/2007	9.74	4.30	6.75	0.64	0.18	0.09	0.04	0.05	0.04	0.21	0.11	0.08	0.88	11.05
BP-17	GW-BP17-091807-PP	9/18/2007	11.10	3.60	5.66	0.74	0.21	0.09	0.01	0.03	0.02	0.53	0.18	0.09	1.28	9.26
BP-17	GW-BP17-092107	9/21/2007	8.64	3.43	5.42	4.14	0.48	0.10	0.08	0.07	0.03	0.78	0.19	0.09	5.01	8.85
BP-17	GW-BP17-120307	12/3/2007	0.83	3.74	6.14	-0.16	0.12	0.46	0.05	0.17	0.22	0.16	0.31	0.46	0.06	9.88
BP-17	GW-BP17-030308	3/3/2008	28.40	3.71	5.76	1.68	0.36	0.21	-0.01	0.00	0.05	1.01	0.28	0.22	2.68	9.47
BP-17	GW-BP17-062308	6/23/2008	19.30	3.90	6.28	1.33	0.30	0.04	0.01	0.04	0.05	0.78	0.23	0.12	2.13	10.18
BP-17	GW-BP17-091508	9/15/2008	43.20	4.40	2.90	1.68	0.29	0.04	0.08	0.06	0.06	0.97	0.21	0.02	2.73	7.30
BP-17	GW-BP17-120908	12/9/2008	20.50	2.30	1.20	1.03	0.22	0.05	0.06	0.05	0.03	0.55	0.15	0.06	1.64	3.50
BP-17	GW-BP17-031809	3/18/2009	15.10	1.90	1.20	1.13	0.23	0.08	0.03	0.04	0.05	0.82	0.19	0.05	1.98	3.10
BP-17	GW-BP17-062909	6/29/2009	20.90	2.40	1.40	2.20	0.44	0.16	0.06	0.09	0.16	1.20	0.32	0.16	3.46	3.80
BP-17	GW-BP17-100109	10/1/2009	29.20	3.20	2.10	1.40	0.35	0.20	0.09	0.10	0.13	0.94	0.27	0.12	2.43	5.30
BP-17	GW-BP17-121409	12/14/2009	13.10	1.80	1.90	0.51	0.15	0.12	0.05	0.05	0.06	0.29	0.11	0.06	0.85	3.70
BP-17	GW-BP17-032910	3/29/2010	11.90	1.60	1.60	1.17	0.30	0.12	0.06	0.07	0.10	0.71	0.23	0.11	1.94	3.20
BP-17	GW-BP17-063010	6/30/2010	16.80	2.00	1.50	0.76	0.20	0.09	0.07	0.06	0.04	0.43	0.14	0.06	1.26	3.50
BP-17	GW-BP17-092710	9/27/2010	17.70	2.10	1.50	1.50	0.34	0.09	0.02	0.04	0.10	0.90	0.26	0.05	2.42	3.60
BP-17	GW-BP17-030111	3/1/2011	14.50	2.00	1.80	1.57	0.45	0.12	0.04	0.07	0.10	1.02	0.36	0.18	2.63	3.80
BP-17	GW-BP17-092111	9/21/2011	16.20	2.10	1.60	1.01	0.28	0.12	0.00	0.05	0.13	0.61	0.21	0.09	1.62	3.70
BP-20A	GW-BP20A-062607	6/26/2007	-2.53	3.39	5.65	0.10	0.09	0.08	-0.01	0.02	0.08	0.08	0.09	0.11	0.16	9.04
BP-20A	GW-BP20A-091807	9/18/2007	-0.18	3.12	5.15	0.05	0.05	0.04	0.00	0.01	0.03	0.08	0.06	0.05	0.13	8.27
BP-20A	GW-BP20A-120307	12/3/2007	-4.52	3.65	6.12	0.15	0.35	0.60	0.12	0.22	0.20	0.01	0.28	0.55	0.28	9.77
BP-20A	GW-BP20A-030408	3/4/2008	-2.24	2.84	4.73	0.12	0.17	0.19	-0.03	0.05	0.20	0.01	0.13	0.25	0.10	7.57
BP-20A	GW-BP20A-062308	6/23/2008	-1.90	3.22	5.34	0.26	0.13	0.02	0.01	0.04	0.05	0.33	0.15	0.04	0.60	8.56
BP-20A	GW-BP20A-091508	9/15/2008	-1.50	1.90	3.30	0.02	0.03	0.04	0.00	0.01	0.03	0.00	0.03	0.06	0.03	5.20
BP-20A	GW-BP20A-120908	12/9/2008	-0.69	0.90	1.60	0.05	0.04	0.04	0.03	0.04	0.05	0.03	0.03	0.04	0.10	2.50
BP-20A	GW-BP20A-031909	3/19/2009	-0.62	0.81	1.50	0.01	0.03	0.06	0.00	0.01	0.05	0.01	0.02	0.04	0.02	2.31
BP-20A	GW-BP20A-062909	6/29/2009	-1.02	0.86	1.60	0.11	0.06	0.06	0.00	0.02	0.05	0.05	0.05	0.06	0.17	2.46
BP-20A	GW-BP20A-092909	9/29/2009	0.20	1.20	2.00	0.03	0.06	0.11	-0.01	0.01	0.07	0.01	0.03	0.06	0.04	3.20
BP-20A	GW-BP20A-121409	12/14/2009	0.70	1.10	1.80	0.02	0.06	0.11	-0.01	0.01	0.07	0.01	0.06	0.12	0.02	2.90
BP-20A	GW-BP20A-032610	3/26/2010	-0.10	1.10	1.80	0.05	0.07	0.12	-0.02	0.02	0.12	0.00	0.05	0.12	0.02	2.90
BP-20A	GW-BP20A-062910	6/29/2010	1.29	0.97	1.60	-0.01	0.03	0.09	0.00	0.03	0.09	-0.01	0.01	0.08	-0.03	2.57

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

			Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
Station ID	Sample ID	Date Sampled	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
BP-20A	GW-BP-20A-092710	9/27/2010	0.70	1.10	1.80	-0.01	0.01	0.09	-0.01	0.01	0.10	0.05	0.06	0.08	0.03	2.90
BP-20A	GW-BP20A-030111	3/1/2011	0.19	0.90	1.50	0.03	0.06	0.12	0.00	0.02	0.07	0.08	0.09	0.09	0.12	2.40
BP-20A	GW-BP20A-092011	9/20/2011	0.00	1.00	1.70	0.10	0.09	0.10	0.01	0.04	0.10	0.00	0.05	0.12	0.12	2.70
BP-21	GW-BP21-062607	6/26/2007	-5.10	3.34	5.63	0.16	0.13	0.17	0.00	0.05	0.10	0.04	0.09	0.14	0.20	8.97
BP-21	GW-BP21-092007	9/20/2007	-0.51	3.36	5.55	0.45	0.15	0.11	0.00	0.03	0.05	0.07	0.08	0.11	0.52	8.91
BP-21	GW-BP21-120307	12/3/2007	-7.20	3.48	5.90	0.11	0.10	0.13	0.00	0.00	0.07	0.01	0.06	0.11	0.11	9.38
BP-21	GW-BP21-030508	3/5/2008	-0.05	3.95	7.74	0.01	0.03	0.04	0.02	0.04	0.03	0.03	0.05	0.07	0.06	11.69
BP-21	GW-BP21-062308	6/23/2008	-5.58	3.24	5.47	0.04	0.05	0.03	0.00	0.03	0.07	0.12	0.08	0.04	0.15	8.71
BP-21	GW-BP21-091608	9/16/2008	-1.30	2.10	3.50	-0.01	0.01	0.06	0.00	0.01	0.05	0.02	0.03	0.05	0.00	5.60
BP-21	GW-BP21-120808	12/8/2008	0.29	0.72	1.20	0.00	0.04	0.10	-0.01	0.01	0.10	0.00	0.04	0.10	0.00	1.92
BP-21	GW-BP21-031809	3/18/2009	0.11	0.75	1.30	-0.01	0.02	0.06	0.00	0.00	0.04	0.01	0.01	0.02	0.00	2.05
BP-21	GW-BP21-063009	6/30/2009	1.18	0.95	1.50	0.04	0.06	0.09	0.06	0.06	0.06	0.04	0.05	0.08	0.13	2.45
BP-21	GW-BP21-092909	9/29/2009	-0.80	1.10	1.80	0.03	0.06	0.10	-0.01	0.01	0.07	0.00	0.02	0.07	0.03	2.90
BP-21	GW-BP21-121409	12/14/2009	-0.60	1.10	1.80	0.04	0.06	0.10	0.02	0.04	0.08	-0.01	0.03	0.08	0.05	2.90
BP-21	GW-BP21-032610	3/26/2010	0.30	1.00	1.70	0.02	0.06	0.12	0.02	0.05	0.06	-0.02	0.02	0.13	0.02	2.70
BP-21	GW-BP21-062910	6/29/2010	0.00	1.10	1.90	0.01	0.05	0.10	-0.01	0.01	0.07	0.04	0.04	0.03	0.04	3.00
BP-21	GW-BP21-092710	9/27/2010	0.11	0.92	1.50	0.00	0.05	0.13	0.02	0.04	0.09	-0.01	0.01	0.10	0.00	2.42
BP-21	GW-BP21-022811	2/28/2011	0.48	0.95	1.60	0.04	0.06	0.06	0.00	0.03	0.08	0.02	0.05	0.10	0.06	2.55
BP-21	GW-BP21-092011	9/20/2011	1.30	1.10	1.80	0.08	0.09	0.11	-0.01	0.02	0.11	0.03	0.05	0.09	0.10	2.90
BP-22A	GW-BP22A-122804	12/6/2004	5.58	4.94	7.82	0.14	0.07	0.08	0.03	0.04	0.07	0.09	0.05	0.06	0.26	12.76
BP-22A	GW-BP22A-062507	6/25/2007	-1.02	3.39	5.61	0.11	0.09	0.10	-0.01	0.02	0.06	0.11	0.08	0.05	0.21	9.00
BP-22A	GW-BP22A-091807	9/18/2007	-0.69	3.12	5.15	0.65	0.16	0.06	-0.01	0.03	0.04	0.31	0.11	0.06	0.95	8.27
BP-22A	GW-BP22A-120307	12/3/2007	-4.15	3.52	5.90	0.11	0.09	0.10	0.03	0.05	0.04	0.06	0.06	0.05	0.20	9.42
BP-22A	GW-BP22A-030508	3/5/2008	-2.72	3.97	7.92	0.23	0.11	0.06	-0.01	0.01	0.04	0.01	0.04	0.06	0.23	11.89
BP-22A	GW-BP22A-062608	6/26/2008	-1.63	3.64	6.04	0.04	0.07	0.09	0.00	0.00	0.03	0.03	0.06	0.09	0.07	9.68
BP-22A	GW-BP22A-033009	3/30/2009	0.18	0.77	1.30	-	-	-	-	-	-	-	-	-	-	2.07
BP-22A	GW-BP22A-092909	9/29/2009	0.80	1.20	1.90	0.07	0.06	0.08	0.02	0.04	0.07	0.07	0.06	0.08	0.16	3.10
BP-22A	GW-BP22A-121709	12/17/2009	-0.03	1.10	1.80	0.11	0.08	0.07	0.03	0.04	0.04	0.10	0.07	0.06	0.24	2.90
BP-22A	GW-BP22A-032610	3/26/2010	1.10	1.00	1.70	0.07	0.07	0.10	0.04	0.05	0.05	0.10	0.09	0.09	0.21	2.70
BP-22A	GW-BP22A-062910	6/29/2010	1.10	1.10	1.80	0.12	0.09	0.10	0.00	0.03	0.08	0.11	0.07	0.07	0.24	2.90
BP-22A	GW-BP22A-092710	9/27/2010	2.10	1.20	1.90	0.12	0.10	0.13	0.00	0.05	0.14	0.15	0.11	0.10	0.27	3.10
BP-22A	GW-BP22A-022811	2/28/2011	1.48	0.91	1.40	0.13	0.10	0.12	0.02	0.04	0.10	0.10	0.08	0.08	0.24	2.31

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

Station ID	Sample ID	Date Sampled	Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
BP-22A	GW-BP22A-092011	9/20/2011	0.14	0.99	1.70	0.27	0.14	0.10	0.02	0.04	0.09	0.12	0.09	0.07	0.41	2.69
CB-02	GW-CB02-121404	12/6/2004	3.75	6.30	10.50	0.08	0.05	0.04	0.02	0.03	0.06	0.06	0.04	0.03	0.16	16.80
DM-02	GW-DM02-122204	12/6/2004	44.10	9.74	7.78	315	50.90	0.07	16.50	2.81	0.07	56.30	9.21	0.08	387.80	17.52
DM-02	GW-DM02-062807	6/28/2007	192	9.88	9.60	183.70	11.50	0.15	6.23	0.69	0.05	30.54	2.18	0.15	220.47	19.48
DM-02	GW-DM02-091707-PP	9/17/2007	194	9.97	10.10	223.30	11.36	0.11	8.47	0.86	0.04	37.60	2.32	0.13	269.37	20.07
DM-02	GW-DM02-091907	9/19/2007	203.00	10.80	11.70	203.60	13.54	0.09	7.49	0.83	0.06	33.72	2.53	0.05	244.81	22.50
DM-02	GW-DM02-120607	12/6/2007	-4.35	3.58	6.00	166.90	11.42	0.09	6.09	0.74	0.04	29.78	2.32	0.04	202.77	9.58
DM-02	GW-DM02-030408	3/4/2008	576	25.10	16.40	117.30	11.14	0.11	4.59	0.84	0.08	21.58	2.42	0.16	143.47	41.50
DM-02	GW-DM02-062608	6/26/2008	542	24.30	18.20	151.40	21.45	0.26	4.56	1.27	0.18	26.17	4.29	0.15	182.13	42.50
DM-02	GW-DM02-033009	3/30/2009	173	15	1.00	-	-	-	-	-	-	-	-	-	-	16
DM-02	GW-DM02-100809	10/8/2009	293	25	2.00	130	11	0.10	5.95	0.90	0.06	22.40	2.30	0.09	158.35	27
DM-02	GW-DM02-121709	12/17/2009	166	14	2.00	162	14	0.30	7.30	1.10	0.10	26.40	2.80	0.20	195.70	16
DM-02	GW-DM02-033010	3/30/2010	157	14	2.00	167	15	0.20	6.50	1.10	0.10	27.60	2.80	0.07	201.10	16
DM-02	GW-DM02-063010	6/30/2010	162	14	2.00	165	14	0.20	8.10	1.10	0.10	28.40	2.80	0.10	201.50	16
DM-02	GW-DM02-093010	9/30/2010	414	36	3.00	159	6.90	0.09	6.34	0.45	0.10	26.60	1.30	0.10	191.94	39
DM-02	GW-DM02-122210	12/22/2010	299	26	1.00	119	10	0.10	5.21	0.78	0.09	21.30	2.10	0.09	145.51	27
DM-02	GW-DM02-030411	3/4/2011	225	19	2.00	146	13	0.10	6.66	0.92	0.09	24.10	2.40	0.07	176.76	21
EP-14	GW-EP14-062807	6/28/2007	17.80	4.46	6.75	2.59	0.53	0.14	0.15	0.13	0.07	1.04	0.32	0.16	3.79	11.21
EP-14	GW-EP14-091807-PP	9/18/2007	48	4.83	7.13	4.38	0.62	0.06	0.16	0.12	0.07	1.44	0.32	0.04	5.98	11.96
EP-14	GW-EP14-091907	9/19/2007	13	3.88	6.20	3.12	0.71	0.09	0.17	0.14	0.09	1.24	0.37	0.05	4.53	10.08
EP-14	GW-EP14-120607	12/6/2007	-6.71	3.57	6.04	1.31	0.38	0.16	0.06	0.08	0.04	0.27	0.18	0.17	1.64	9.61
EP-14	GW-EP14-030308	3/3/2008	4.14	2.96	4.79	0.69	0.24	0.18	0.07	0.08	0.08	0.38	0.18	0.18	1.14	7.75
EP-14	GW-EP14-062408	6/24/2008	54.60	5.07	7.53	0.73	0.34	0.14	0.03	0.09	0.12	0.52	0.30	0.20	1.28	12.60
EP-14	GW-EP14-091508	9/15/2008	10.90	2.20	3.10	0.41	0.13	0.05	0.05	0.05	0.06	0.08	0.06	0.04	0.54	5.30
EP-14	GW-EP14-120808	12/8/2008	9.90	1.50	1.30	0.27	0.16	0.15	0.00	0.02	0.06	0.11	0.10	0.14	0.38	2.80
EP-14	GW-EP14-031909	3/19/2009	8.40	1.40	1.40	0.32	0.12	0.06	0.02	0.04	0.06	0.24	0.10	0.06	0.58	2.80
EP-14	GW-EP14-062909	6/29/2009	7.60	1.30	1.50	0.61	0.22	0.14	0.06	0.08	0.10	0.26	0.15	0.12	0.93	2.80
EP-14	GW-EP14-092909	9/29/2009	6.40	1.50	2.00	0.42	0.14	0.08	0.08	0.06	0.04	0.19	0.09	0.05	0.69	3.50
EP-14	GW-EP14-120909	12/9/2009	8.80	1.70	2.20	0.35	0.12	0.06	0.03	0.04	0.03	0.24	0.10	0.08	0.62	3.90
EP-14	GW-EP14-032410	3/24/2010	5.30	1.30	1.80	0.35	0.16	0.14	-0.01	0.04	0.13	0.11	0.10	0.13	0.45	3.10
EP-14	GW-EP14-062810	6/28/2010	6.70	1.30	1.60	0.45	0.15	0.06	-0.02	0.04	0.12	0.20	0.10	0.07	0.62	2.90
EP-14	GW-EP14-093010	9/30/2010	5.90	1.30	1.70	0.24	0.07	0.11	0.01	0.02	0.09	0.17	0.05	0.09	0.43	3.00

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

Station ID	Sample ID	Date Sampled	Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
EP-14	GW-EP14-022511	2/25/2011	13.30	1.80	1.60	0.36	0.16	0.11	0.01	0.05	0.11	0.11	0.09	0.08	0.49	3.40
EP-14	GW-EP14-092311	9/23/2011	11.50	1.90	2.00	0.20	0.12	0.10	-0.01	0.02	0.11	0.14	0.09	0.08	0.32	3.90
EP-15	GW-EP15-121004	12/6/2004	362	60.50	10.10	0.02	0.04	0.09	0.01	0.03	0.06	0.00	0.03	0.05	0.04	70.60
EP-16	GW-EP16-121304	12/6/2004	675	110	10.00	0.05	0.05	0.08	0.00	0.02	0.05	0.03	0.03	0.04	0.07	120
EP-16	GW-EP16-062607	6/26/2007	375	17.30	14.20	0.69	0.22	0.14	-0.01	0.01	0.05	0.14	0.11	0.13	0.83	31.50
EP-16	GW-EP16-091907	9/19/2007	328	15.60	13.90	2.76	0.40	0.05	0.12	0.09	0.06	0.87	0.21	0.06	3.75	29.50
EP-16	GW-EP16-120407	12/4/2007	246	12.00	11.10	12.47	2.63	0.47	0.81	0.56	0.39	2.67	0.96	0.48	15.95	23.10
EP-16	GW-EP16-030508	3/5/2008	778	33.30	19.30	0.18	0.09	0.05	0.01	0.03	0.02	0.16	0.09	0.06	0.36	52.60
EP-16	GW-EP16-062708	6/27/2008	810	34.70	20.60	1.36	0.22	0.02	0.03	0.03	0.01	0.29	0.10	0.04	1.68	55.30
EP-16	GW-EP16-091608	9/16/2008	952	82	6.00	0.13	0.07	0.04	0.00	0.01	0.05	0.11	0.07	0.06	0.24	88
EP-16	GW-EP16-032509	3/25/2009	434	37	1.00	-	-	-	-	-	-	-	-	-	-	38
EP-16	GW-EP16-100609	10/6/2009	-8.50	1.00	1.60	0.17	0.09	0.08	0.03	0.05	0.09	0.15	0.08	0.03	0.35	2.60
EP-16	GW-EP16-121609	12/16/2009	804	69	3.00	0.24	0.11	0.07	0.00	0.03	0.08	0.13	0.08	0.07	0.38	72
EP-16	GW-EP16-032510	3/25/2010	507	43	2.00	0.52	0.19	0.09	0.04	0.06	0.05	0.28	0.14	0.09	0.84	45
EP-16	GW-EP16-062810	6/28/2010	308	26	2.00	0.51	0.16	0.08	-0.01	0.01	0.07	0.20	0.10	0.06	0.70	28
EP-16	GW-EP16-092710	9/27/2010	640	55	2.00	0.55	0.20	0.10	0.06	0.08	0.10	0.31	0.15	0.08	0.92	57
EP-16	GW-EP16-022511	2/25/2011	785	67	2.00	0.65	0.22	0.08	0.06	0.07	0.06	0.24	0.13	0.08	0.95	69
EP-16	GW-EP16-092311	9/23/2011	240	24	2.00	0.47	0.18	0.10	0.01	0.04	0.09	0.17	0.10	0.04	0.65	26
LF-08	GW-LF08-122104	12/6/2004	246	41.6	8.45	0.45	0.14	0.05	0.00	0.03	0.05	0.18	0.08	0.04	0.63	50.05
LF-09	GW-LF09-122004	12/6/2004	8.52	8.55	13.60	1.11	0.26	0.07	0.03	0.03	0.05	0.23	0.09	0.05	1.37	22.15
LF-09	GW-LF09-062507	6/25/2007	0.32	3.41	5.61	0.83	0.00	0.08	0.03	0.00	0.02	0.23	0.11	0.05	1.09	9.02
LF-09	GW-LF09-091907	9/19/2007	-1.05	3.43	5.67	1.05	0.22	0.07	0.06	0.07	0.05	0.23	0.10	0.07	1.33	9.10
LF-09	GW-LF09-120407	12/4/2007	0.59	3.15	5.17	0.88	0.22	0.09	0.03	0.05	0.06	0.11	0.09	0.10	1.02	8.32
LF-09	GW-LF09-030508	3/5/2008	3.01	4.04	7.75	1.82	0.43	0.08	0.09	0.08	0.03	0.45	0.18	0.07	2.36	11.79
LF-09	GW-LF09-062708	6/27/2008	1.47	3.28	5.37	1.56	0.27	0.04	0.08	0.07	0.06	0.38	0.13	0.04	2.01	8.65
LF-09	GW-LF09-032609	3/26/2009	4.20	1.10	1.40	-	-	-	-	-	-	-	-	-	-	2.50
LF-09	GW-LF09-100509	10/5/2009	16.80	2.10	1.90	1.10	0.29	0.16	0.05	0.07	0.10	0.33	0.15	0.10	1.48	4.00
LF-09	GW-LF09-121609	12/16/2009	3.20	1.30	1.90	1.01	0.34	0.17	-0.01	0.02	0.15	0.23	0.16	0.14	1.23	3.20
LF-09	GW-LF09-032310	3/23/2010	4.30	1.30	1.90	1.12	0.30	0.10	0.02	0.04	0.06	0.32	0.16	0.09	1.46	3.20
LF-09	GW-LF09-062210	6/22/2010	5.70	1.30	1.70	1.09	0.27	0.10	0.10	0.09	0.10	0.30	0.14	0.07	1.49	3.00
LF-09	GW-LF09-092310	9/23/2010	9.60	1.50	1.70	1.14	0.33	0.10	0.03	0.05	0.07	0.23	0.14	0.09	1.40	3.20
LF-09	GW-LF09-022511	2/25/2011	7.20	1.40	1.80	1.34	0.34	0.13	0.00	0.02	0.06	0.32	0.16	0.10	1.66	3.20

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

			Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
Station ID	Sample ID	Date Sampled	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
LF-09	GW-LF09-092311	9/23/2011	10.80	1.70	1.70	1.12	0.28	0.08	0.10	0.09	0.05	0.20	0.13	0.14	1.42	3.40
NB-39	GW-NB39-121504	12/6/2004	14.80	9.46	14.20	1.20	0.27	0.09	0.04	0.04	0.06	0.18	0.08	0.04	1.42	23.66
NB-46	GW-NB46-121004	12/6/2004	3.59	5.97	9.95	0.03	0.03	0.04	-0.01	0.03	0.06	0.02	0.03	0.04	0.04	15.92
NB-50	GW-NB50-121604	12/6/2004	5.32	6.27	10.20	0.29	0.10	0.03	0.05	0.04	0.04	0.25	0.09	0.03	0.59	16.47
NB-50	GW-NB50-062507	6/25/2007	-3.09	3.37	5.64	1.15	0.28	0.10	0.05	0.06	0.03	1.02	0.26	0.11	2.22	9.01
NB-50	GW-NB50-091807	9/18/2007	1.87	3.35	5.47	0.37	0.16	0.12	-0.01	0.01	0.05	0.21	0.12	0.09	0.58	8.82
NB-50	GW-NB50-120407	12/4/2007	-3.81	3.08	5.18	0.19	0.13	0.12	0.03	0.06	0.08	0.37	0.16	0.06	0.59	8.26
NB-50	GW-NB50-030608	3/6/2008	-2.46	3.26	5.64	1.77	0.33	0.18	0.12	0.09	0.04	1.16	0.27	0.18	3.05	8.90
NB-50	GW-NB50-062308	6/23/2008	-4.99	3.25	5.47	0.16	0.07	0.04	-0.01	0.01	0.04	0.14	0.07	0.05	0.28	8.72
NB-50	GW-NB50-091608	9/16/2008	-2.00	1.90	3.20	0.11	0.07	0.05	0.02	0.03	0.03	0.07	0.05	0.04	0.20	5.10
NB-50	GW-NB50-120908	12/9/2008	-1.42	0.79	1.50	0.18	0.09	0.07	0.01	0.03	0.07	0.25	0.10	0.05	0.44	2.29
NB-50	GW-NB50-031709	3/17/2009	0.23	0.91	1.50	0.05	0.04	0.05	0.00	0.01	0.05	0.04	0.04	0.06	0.09	2.41
NB-50	GW-NB50-062609	6/26/2009	-0.41	0.90	1.60	-0.03	0.10	0.25	-0.04	0.03	0.21	0.04	0.09	0.16	-0.03	2.50
NB-50	GW-NB50-093009	9/30/2009	-0.70	1.20	2.10	0.13	0.09	0.11	0.01	0.04	0.08	0.08	0.06	0.08	0.22	3.30
NB-50	GW-NB50-120909	12/9/2009	0.20	1.20	2.00	0.05	0.05	0.06	0.01	0.03	0.07	0.09	0.06	0.07	0.15	3.20
NB-50	GW-NB50-031910	3/19/2010	0.30	1.10	1.80	0.15	0.09	0.10	0.00	0.03	0.08	0.08	0.06	0.07	0.23	2.90
NB-50	GW-NB50-062310	6/23/2010	0.05	0.98	1.70	0.11	0.08	0.10	0.00	0.03	0.08	0.03	0.06	0.10	0.14	2.68
NB-50	GW-NB50-092210	9/22/2010	0.48	0.99	1.70	0.02	0.06	0.11	0.00	0.02	0.07	0.03	0.06	0.10	0.06	2.69
NB-50	GW-NB50-121610	12/16/2010	1.40	1.10	1.80	0.14	0.10	0.09	0.00	0.02	0.05	0.11	0.09	0.09	0.24	2.90
NB-50	GW-NB50-030111	3/1/2011	-0.33	0.93	1.60	0.09	0.09	0.06	0.00	0.02	0.07	0.14	0.12	0.12	0.23	2.53
NB-50	GW-NB50-062311	6/23/2011	-1.20	1.10	1.90	0.21	0.13	0.11	0.02	0.05	0.10	0.11	0.09	0.08	0.33	3.00
NB-50	GW-NB50-092111	9/21/2011	-0.11	0.96	1.60	0.12	0.10	0.09	0.02	0.04	0.06	0.11	0.09	0.08	0.26	2.56
NB-50	GW-NB50-122011	12/20/2011	-0.90	1.00	1.80	0.28	0.14	0.09	0.02	0.04	0.09	0.26	0.13	0.04	0.56	2.80
NB-50	GW-NB50-032612	3/26/2012	0.10	1.00	1.80	0.10	0.09	0.09	0.00	0.01	0.10	0.16	0.10	0.05	0.26	2.80
NB-50	GW-NB50-060612	6/6/2012	-0.66	0.90	1.60	0.19	0.09	0.08	0.00	0.04	0.09	0.10	0.07	0.09	0.30	2.50
NB-50	GW-NB50-090512	9/5/2012	-0.90	1.10	1.90	0.14	0.07	0.05	0.00	0.01	0.06	0.05	0.04	0.02	0.19	3.00
NB-50	GW-NB50-121012	12/10/2012	-0.90	1.10	1.90	0.17	0.09	0.07	0.01	0.03	0.07	0.18	0.09	0.05	0.36	3.00
NB-50	GW-NB50-031413	3/14/2013	0.62	1.02	1.70	0.08	0.06	0.08	0.00	0.01	0.06	0.09	0.06	0.06	0.16	2.72
NB-50	GW-NB50-061213	6/12/2013	-1.41	1.16	2.08	0.09	0.07	0.07	0.03	0.04	0.04	0.15	0.08	0.03	0.27	3.24
NB-50	GW-NB50-091113	9/11/2013	-0.36	1.26	2.16	0.13	0.25	0.17	-0.01	0.02	0.11	0.11	0.19	0.06	0.23	3.42
NB-50	GW-NB50-120513	12/5/2013	-1.04	1.37	2.38	0.21	0.11	0.08	0.03	0.05	0.05	0.13	0.08	0.04	0.37	3.75
NB-50	GW-NB50-022514	2/25/2014	0.57	1.24	2.06	0.21	0.10	0.06	0.00	0.03	0.09	0.19	0.09	0.03	0.40	3.30

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

			Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
Station ID	Sample ID	Date Sampled	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
NB-50	GW-NB50-052114	5/21/2014	-0.01	1.23	2.08	0.36	0.12	0.05	0.00	0.03	0.09	0.15	0.08	0.07	0.51	3.31
NB-50	GW-NB50-082814	8/28/2014	0.72	1.23	2.04	0.23	0.10	0.07	0.01	0.03	0.07	0.18	0.09	0.07	0.41	3.27
NB-50	GW-NB50-111814	11/18/2014	-1.38	1.42	2.47	0.46	0.15	0.06	0.02	0.04	0.08	0.33	0.13	0.09	0.81	3.89
NB-54	GW-NB54-122004	12/6/2004	5.23	8.87	15.20	0.04	0.04	0.04	0.03	0.03	0.06	0.04	0.04	0.06	0.11	24.07
NB-54	GW-NB54-062507	6/25/2007	-2.12	3.38	5.62	0.49	0.19	0.18	0.02	0.05	0.07	0.51	0.18	0.12	1.02	9.00
NB-54	GW-NB54-091907	9/19/2007	-4.18	3.52	5.90	0.04	0.05	0.05	0.02	0.03	0.02	0.05	0.05	0.04	0.11	9.42
NB-54	GW-NB54-120407	12/4/2007	-2.89	3.09	5.17	0.10	0.11	0.16	0.00	0.05	0.09	0.08	0.10	0.13	0.18	8.26
NB-54	GW-NB54-030508	3/5/2008	0.89	3.98	7.75	0.06	0.07	0.07	0.03	0.05	0.04	0.07	0.06	0.05	0.15	11.73
NB-54	GW-NB54-062608	6/26/2008	-7.76	3.56	6.05	3.10	0.49	0.06	0.12	0.09	0.03	1.04	0.27	0.02	4.25	9.61
NB-54	GW-NB54-032609	3/26/2009	-0.51	0.70	1.30	-	-	-	-	-	-	-	-	-	-	2.00
NB-54	GW-NB54-100509	10/5/2009	-1.00	1.30	2.20	0.02	0.07	0.13	-0.01	0.04	0.10	0.03	0.04	0.06	0.04	3.50
NB-54	GW-NB54-121609	12/16/2009	-0.80	1.30	2.30	0.03	0.07	0.12	-0.01	0.01	0.06	0.01	0.03	0.06	0.03	3.60
NB-54	GW-NB54-031810	3/18/2010	-0.30	1.10	1.90	1.21	0.26	0.10	0.03	0.05	0.10	0.77	0.20	0.09	2.01	3.00
NB-54	GW-NB54-062210	6/22/2010	0.04	0.94	1.60	0.02	0.04	0.07	0.00	0.02	0.03	0.03	0.03	0.03	0.05	2.54
NB-54	GW-NB54-092210	9/22/2010	-0.24	0.98	1.70	0.00	0.01	0.09	0.03	0.05	0.07	0.02	0.04	0.09	0.04	2.68
NB-54	GW-NB54-022311	2/23/2011	-0.04	0.90	1.50	-0.02	0.04	0.11	-0.02	0.02	0.11	0.01	0.03	0.07	-0.03	2.40
NB-54	GW-NB54-092311	9/23/2011	-0.70	1.10	1.90	0.03	0.05	0.09	0.02	0.04	0.06	0.05	0.07	0.11	0.10	3.00
NB-54	GW-NB54-032712	3/27/2012	0.50	1.00	1.70	0.00	0.04	0.09	0.01	0.03	0.04	0.00	0.03	0.07	0.02	2.70
NB-54	GW-NB54-082712	8/27/2012	-2.90	2.90	5.20	0.64	0.36	0.25	0.06	0.12	0.16	0.51	0.31	0.13	1.21	8.10
NB-54	GW-NB54-031113	3/11/2013	-1.19	1.00	1.78	0.02	0.03	0.03	0.00	0.01	0.03	0.02	0.03	0.05	0.03	2.78
NB-54	GW-NB54-091613	9/16/2013	0.87	2.52	4.27	0.80	1.21	0.31	-0.03	0.11	0.60	0.23	0.64	0.31	1.00	6.79
NB-54	GW-NB54-022614	2/26/2014	1.60	2.58	4.29	0.75	0.32	0.35	0.05	0.15	0.30	0.48	0.28	0.37	1.28	6.87
NB-54	GW-NB54-090214	9/2/2014	0.15	1.22	2.05	0.09	0.07	0.08	-0.01	0.01	0.08	0.08	0.06	0.06	0.16	3.27
NB-56	GW-NB56-121604	12/6/2004	2.93	5.89	9.91	0.09	0.05	0.06	0.01	0.02	0.05	0.07	0.04	0.04	0.18	15.80
NB-57A	GW-NB57A-121404	12/6/2004	2.89	6.75	11.40	0.30	0.10	0.03	0.03	0.03	0.02	0.12	0.06	0.02	0.45	18.15
NB-57A	GW-NB57A-062507	6/25/2007	-3.53	3.35	5.62	0.03	0.05	0.06	0.00	1.70	0.02	0.00	0.04	0.08	0.03	8.97
NB-57A	GW-NB57A-091907	9/19/2007	-2.77	3.47	5.78	0.03	0.04	0.06	0.00	0.02	0.04	0.05	0.05	0.06	0.09	9.25
NB-57A	GW-NB57A-120407	12/4/2007	-1.00	3.12	5.17	0.12	0.09	0.09	0.00	1.70	0.02	0.08	0.08	0.10	0.20	8.29
NB-57A	GW-NB57A-030608	3/6/2008	-4.22	3.85	7.76	0.12	0.09	0.11	0.01	0.03	0.03	0.08	0.07	0.09	0.21	11.61
NB-57A	GW-NB57A-062308	6/23/2008	-4.90	3.23	5.44	0.32	0.14	0.04	-0.01	0.02	0.07	0.42	0.16	0.07	0.72	8.67
NB-57A	GW-NB57A-091608	9/16/2008	-0.70	1.90	3.10	0.04	0.05	0.06	0.00	0.01	0.03	0.03	0.04	0.05	0.07	5.00
NB-57A	GW-NB57A-121108	12/11/2008	-1.22	0.81	1.50	0.12	0.08	0.10	0.01	0.03	0.08	0.05	0.05	0.07	0.17	2.31

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

			Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
Station ID	Sample ID	Date Sampled	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
NB-57A	GW-NB57A-031809	3/18/2009	-0.11	0.71	1.20	0.02	0.03	0.05	0.00	0.01	0.03	0.00	0.02	0.06	0.02	1.91
NB-57A	GW-NB57A-070609	7/6/2009	1.40	1.50	2.40	0.07	0.06	0.09	0.02	0.03	0.02	0.12	0.06	0.06	0.20	3.90
NB-57A	GW-NB57A-100509	10/5/2009	-1.10	1.30	2.20	0.01	0.03	0.06	0.00	0.03	0.08	0.02	0.03	0.03	0.03	3.50
NB-57A	GW-NB57A-120909	12/9/2009	-0.30	1.10	1.90	0.25	0.10	0.06	0.02	0.03	0.03	0.18	0.08	0.05	0.45	3.00
NB-57A	GW-NB57A-031910	3/19/2010	-0.40	1.00	1.80	-0.02	0.06	0.13	-0.02	0.02	0.09	0.04	0.05	0.08	0.01	2.80
NB-57A	GW-NB57A-062210	6/22/2010	0.17	0.97	1.60	0.07	0.06	0.06	0.00	0.02	0.03	0.00	0.03	0.08	0.07	2.57
NB-57A	GW-NB57A-092210	9/22/2010	-0.04	0.95	1.60	0.22	0.15	0.12	-0.01	0.01	0.13	0.05	0.07	0.07	0.26	2.55
NB-57A	GW-NB57A-121610	12/16/2010	0.60	1.10	1.80	0.01	0.03	0.08	-0.01	0.01	0.10	0.04	0.05	0.04	0.04	2.90
NB-57A	GW-NB57A-022311	2/23/2011	0.29	0.95	1.60	0.08	0.08	0.08	-0.01	0.02	0.11	0.04	0.06	0.10	0.11	2.55
NB-57A	GW-NB57A-062311	6/23/2011	-0.06	1.10	1.80	0.10	0.08	0.04	-0.01	0.01	0.10	0.04	0.05	0.04	0.14	2.90
NB-57A	GW-NB57A-092611	9/26/2011	-0.80	1.10	1.90	0.09	0.08	0.09	-0.01	0.01	0.10	0.02	0.03	0.05	0.11	3.00
NB-57A	GW-NB57A-122011	12/20/2011	-1.30	1.10	1.90	0.01	0.03	0.07	0.00	0.01	0.06	0.02	0.03	0.04	0.03	3.00
NB-57A	GW-NB57A-032612	3/26/2012	0.20	1.10	1.90	0.03	0.05	0.09	0.03	0.04	0.07	0.00	0.05	0.09	0.06	3.00
NB-57A	GW-NB57A-060112	6/1/2012	-0.10	1.00	1.70	0.02	0.03	0.03	-0.01	0.01	0.06	0.02	0.03	0.05	0.03	2.70
NB-57A	GW-NB57A-082712	8/27/2012	-0.90	1.40	2.40	0.01	0.04	0.08	0.02	0.04	0.06	0.03	0.04	0.06	0.06	3.80
NB-57A	GW-NB57A-120312	12/3/2012	-1.10	1.10	1.90	0.01	0.03	0.06	0.02	0.04	0.06	0.02	0.03	0.05	0.05	3.00
NB-57A	GW-NB57A-031113	3/11/2013	-1.34	1.07	1.91	0.04	0.05	0.09	0.00	0.04	0.09	-0.02	0.04	0.10	0.02	2.98
NB-57A	GW-NB57A-061013	6/10/2013	-0.52	1.56	2.67	0.02	0.10	0.10	0.03	0.10	0.08	0.01	0.08	0.08	0.06	4.23
NB-57A	GW-NB57A-091613	9/16/2013	0.50	1.28	2.15	0.00	0.10	0.15	0.03	0.11	0.08	0.01	0.09	0.11	0.04	3.43
NB-57A	GW-NB57A-121013	12/10/2013	0.38	1.22	2.05	0.06	0.06	0.07	0.00	0.01	0.05	0.06	0.06	0.04	0.12	3.27
NB-57A	GW-NB57A-022614	2/26/2014	-0.24	1.34	2.28	0.02	0.04	0.08	0.00	0.01	0.04	0.01	0.02	0.03	0.03	3.62
NB-57A	GW-NB57A-052114	5/21/2014	-0.63	1.25	2.16	0.06	0.06	0.08	0.00	0.01	0.04	0.00	0.02	0.07	0.06	3.41
NB-57A	GW-NB57A-090214	9/2/2014	-0.40	1.19	2.04	0.02	0.04	0.08	0.02	0.04	0.07	0.03	0.04	0.06	0.07	3.23
NB-57A	GW-NB57A-111814	11/18/2014	-1.14	1.22	2.13	0.10	0.07	0.10	0.01	0.02	0.03	0.01	0.03	0.07	0.12	3.35
NB-61	GW-NB61-122204	12/6/2004	1.28	5.07	8.80	0.08	0.05	0.06	0.02	0.03	0.06	0.08	0.05	0.05	0.17	13.87
NB-71	GW-NB71-121304	12/6/2004	6.20	6.37	10.20	0.05	0.04	0.03	0.02	0.03	0.02	0.01	0.02	0.02	0.09	16.57
NB-71	GW-NB71-092210	9/22/2010	-0.76	0.93	1.60	0.13	0.11	0.13	-0.02	0.02	0.14	0.11	0.09	0.10	0.22	2.53
NB-71	GW-NB71-121710	12/17/2010	0.70	1.00	1.70	0.07	0.07	0.08	0.00	0.02	0.06	0.05	0.06	0.08	0.12	2.70
NB-71	GW-NB71-022811	2/28/2011	0.29	0.99	1.70	0.14	0.10	0.09	-0.01	0.02	0.11	0.07	0.07	0.05	0.20	2.69
NB-71	GW-NB71-062211	6/22/2011	0.40	1.20	2.10	0.02	0.06	0.13	-0.01	0.01	0.10	0.02	0.03	0.05	0.03	3.30
NB-71	GW-NB71-092611	9/26/2011	-0.80	1.00	1.80	-0.02	0.02	0.11	-0.01	0.02	0.11	0.00	0.01	0.08	-0.03	2.80
NB-71	GW-NB71-122011	12/20/2011	-1.00	1.20	2.10	0.02	0.05	0.10	0.00	0.01	0.06	-0.02	0.02	0.11	0.00	3.30

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

			Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
Station ID	Sample ID	Date Sampled	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
NB-71	GW-NB71-032912	3/29/2012	-1.40	1.10	2.00	0.06	0.06	0.09	0.01	0.03	0.06	0.01	0.04	0.08	0.08	3.10
NB-71	GW-NB71-061212	6/12/2012	-1.15	0.86	1.60	0.01	0.04	0.08	0.00	0.01	0.03	0.02	0.03	0.03	0.03	2.46
NB-71	GW-NB71-082312	8/23/2012	0.01	0.93	1.60	0.03	0.04	0.07	0.00	0.01	0.04	0.06	0.05	0.03	0.10	2.53
NB-71	GW-NB71-112912	11/29/2012	-0.07	1.10	1.90	0.03	0.04	0.07	0.00	0.01	0.04	0.00	0.03	0.08	0.03	3.00
NB-71	GW-NB71-030713	3/7/2013	-1.43	1.02	1.83	0.08	0.06	0.07	0.02	0.03	0.06	0.02	0.04	0.08	0.12	2.85
NB-71	GW-NB71-060513	6/5/2013	-0.99	1.06	1.89	0.05	0.05	0.07	0.03	0.04	0.03	0.07	0.06	0.06	0.15	2.95
NB-71	GW-NB71-091613	9/16/2013	0.51	1.23	2.07	0.07	0.18	0.12	0.03	0.11	0.07	-0.01	0.02	0.11	0.09	3.30
NB-71	GW-NB71-120613	12/6/2013	-1.44	1.29	2.26	0.07	0.07	0.10	0.02	0.03	0.03	0.06	0.06	0.08	0.15	3.55
NB-71	GW-NB71-022614	2/26/2014	-0.26	1.54	2.63	0.02	0.05	0.10	0.00	0.01	0.05	0.04	0.05	0.07	0.06	4.17
NB-71	GW-NB71-052814	5/28/2014	-0.23	1.29	2.21	0.09	0.07	0.06	-0.01	0.01	0.07	0.04	0.04	0.03	0.13	3.50
NB-71	GW-NB71-082814	8/28/2014	-0.13	1.26	2.14	0.04	0.03	0.04	-0.01	0.01	0.05	0.03	0.03	0.01	0.07	3.40
NB-71	GW-NB71-111814	11/18/2014	-1.08	1.32	2.29	0.01	0.03	0.08	0.01	0.03	0.04	0.03	0.04	0.03	0.05	3.61
NB-80	GW-NB80-121704	12/6/2004	2.78	6.24	10.50	0.03	0.04	0.06	0.01	0.03	0.05	0.06	0.04	0.05	0.10	16.74
NB-80	GW-NB80-062807	6/28/2007	-3.87	4.01	6.75	0.10	0.11	0.11	0.00	0.00	0.04	0.12	0.11	0.10	0.22	10.76
NB-80	GW-NB80-092007	9/20/2007	-4.38	3.30	5.55	0.19	0.09	0.08	0.01	0.02	0.03	0.13	0.08	0.07	0.33	8.85
NB-80	GW-NB80-120507	12/5/2007	3.68	3.63	5.89	0.04	0.10	0.18	-0.02	0.03	0.10	0.09	0.11	0.15	0.11	9.52
NB-80	GW-NB80-030608	3/6/2008	-0.95	3.15	5.22	0.34	0.15	0.12	0.02	0.04	0.03	0.15	0.11	0.12	0.51	8.37
NB-80	GW-NB80-062308	6/23/2008	-6.69	3.23	5.47	0.31	0.11	0.04	-0.01	0.01	0.04	0.20	0.09	0.06	0.49	8.70
NB-80	GW-NB80-091808	9/18/2008	0.70	1.70	2.80	0.24	0.09	0.04	0.03	0.04	0.03	0.14	0.07	0.06	0.41	4.50
NB-80	GW-NB80-121208	12/12/2008	-0.63	0.79	1.40	0.12	0.07	0.04	0.02	0.03	0.03	0.09	0.06	0.05	0.24	2.19
NB-80	GW-NB80-032309	3/23/2009	0.32	0.81	1.40	0.20	0.13	0.12	0.07	0.09	0.07	0.09	0.10	0.13	0.37	2.21
NB-80	GW-NB80-070609	7/6/2009	0.40	1.50	2.60	0.06	0.05	0.04	0.00	0.02	0.05	0.04	0.04	0.02	0.11	4.10
NB-80	GW-NB80-100509	10/5/2009	-1.10	1.20	2.00	1.90	0.40	0.10	0.02	0.05	0.10	0.31	0.15	0.09	2.23	3.20
NB-80	GW-NB80-121109	12/11/2009	0.09	1.10	1.90	0.04	0.06	0.10	0.00	0.03	0.09	0.06	0.06	0.08	0.10	3.00
NB-80	GW-NB80-031910	3/19/2010	-2.40	1.10	2.10	0.04	0.05	0.08	0.00	0.01	0.06	-0.01	0.03	0.08	0.03	3.20
NB-80	GW-NB80-062310	6/23/2010	-0.67	0.89	1.60	0.09	0.07	0.07	-0.01	0.02	0.08	0.02	0.04	0.08	0.10	2.49
NB-80	GW-NB80-092310	9/23/2010	0.23	0.94	1.60	0.30	0.16	0.10	0.02	0.05	0.07	0.43	0.19	0.05	0.75	2.54
NB-80	GW-NB80-022811	2/28/2011	0.48	0.87	1.40	0.18	0.13	0.14	0.02	0.04	0.06	0.12	0.11	0.13	0.32	2.27
NB-80	GW-NB80-092611	9/26/2011	-0.70	2.10	3.60	0.05	0.07	0.10	-0.01	0.01	0.11	0.02	0.03	0.04	0.06	5.70
NB-80	GW-NB80-032812	3/28/2012	-0.98	0.96	1.70	0.08	0.06	0.06	0.04	0.04	0.03	0.12	0.07	0.06	0.23	2.66
NB-80	GW-NB80-083012	8/30/2012	0.30	2.00	3.40	0.03	0.03	0.05	0.01	0.02	0.03	0.03	0.03	0.03	0.07	5.40
NB-80	GW-NB80-030613	3/6/2013	-0.19	0.94	1.62	0.97	0.19	0.04	0.01	0.02	0.02	0.17	0.07	0.05	1.15	2.56

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

			Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
Station ID	Sample ID	Date Sampled	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
NB-80	GW-NB80-042513	4/25/2013	-0.61	1.31	2.24	0.06	0.05	0.05	0.00	0.01	0.03	0.03	0.03	0.03	0.09	3.55
NB-80	GW-NB80-091313	9/13/2013	-0.42	1.19	2.06	0.02	0.04	0.06	-0.01	0.01	0.12	0.02	0.05	0.10	0.04	3.25
NB-80	GW-NB80-022514	2/25/2014	-0.44	1.22	2.09	0.03	0.04	0.06	-0.01	0.01	0.08	0.02	0.03	0.03	0.05	3.31
NB-80	GW-NB80-090414	9/4/2014	0.76	1.55	2.57	0.07	0.06	0.06	0.00	0.01	0.04	0.03	0.04	0.03	0.10	4.12
OA-19	GW-OA19-122104	12/6/2004	8.58	6.24	9.59	3.04	0.55	0.03	0.09	0.05	0.02	0.58	0.15	0.03	3.71	15.83
OB-01	GW-OB1-121404	12/6/2004	5.49	6.65	10.80	0.91	0.21	0.05	0.04	0.04	0.02	0.76	0.18	0.02	1.72	17.45
OB-01	GW-OB01-062707	6/27/2007	-2.06	4.00	6.67	1.07	0.27	0.14	-0.01	0.04	0.10	0.98	0.25	0.13	2.04	10.67
OB-01	GW-OB01-092007	9/20/2007	-1.44	3.35	5.55	1.01	0.25	0.10	-0.01	0.02	0.06	0.75	0.21	0.08	1.75	8.90
OB-01	GW-OB01-030608	3/6/2008	0.00	1.60	7.74	1.63	0.26	0.10	0.04	0.04	0.02	1.36	0.24	0.08	3.03	9.34
OB-01	GW-OB01-062508	6/25/2008	-3.50	3.58	5.99	0.94	0.21	0.03	0.06	0.06	0.04	0.77	0.19	0.06	1.78	9.57
OB-01	GW-OB01-091508	9/15/2008	-0.30	2.20	3.70	0.79	0.19	0.07	0.03	0.04	0.06	0.84	0.19	0.08	1.66	5.90
OB-01	GW-OB01-121208	12/12/2008	-0.36	0.79	1.40	1.03	0.22	0.06	0.05	0.05	0.03	0.86	0.20	0.03	1.94	2.19
OB-01	GW-OB01-032009	3/20/2009	-0.90	0.76	1.40	1.07	0.21	0.04	0.04	0.05	0.06	0.74	0.17	0.05	1.85	2.16
OB-01	GW-OB01-070609	7/6/2009	0.60	1.40	2.30	1.79	0.37	0.19	0.05	0.07	0.10	1.54	0.33	0.12	3.38	3.70
OB-01	GW-OB01-100509	10/5/2009	-0.20	1.10	1.90	1.26	0.25	0.08	0.05	0.05	0.03	1.12	0.23	0.05	2.43	3.00
OB-01	GW-OB01-120909	12/9/2009	-0.80	1.20	2.20	1.09	0.22	0.06	0.01	0.04	0.08	0.87	0.20	0.07	1.97	3.40
OB-01	GW-0B01-031910	3/19/2010	-1.90	1.10	2.00	1.35	0.38	0.15	-0.01	0.02	0.14	0.72	0.27	0.13	2.06	3.10
OB-01	GW-OB01-062210	6/22/2010	-0.72	1.00	1.70	2.23	0.36	0.07	0.11	0.08	0.08	2.01	0.34	0.08	4.35	2.70
OB-01	GW-0B01-092110	9/21/2010	0.11	0.89	1.50	0.68	0.24	0.05	0.02	0.05	0.07	0.70	0.24	0.05	1.40	2.39
OB-01	GW-OB01-121510	12/15/2010	-0.34	0.97	1.70	1.08	0.29	0.05	0.10	0.10	0.10	0.94	0.27	0.05	2.12	2.67
OB-01	GW-OB01-022211	2/22/2011	-0.10	1.10	1.80	0.92	0.26	0.12	0.05	0.08	0.12	0.84	0.25	0.10	1.81	2.90
OB-01	GW-OB01-062411	6/24/2011	-0.71	1.00	1.70	0.95	0.25	0.07	0.02	0.04	0.05	0.86	0.24	0.08	1.83	2.70
OB-01	GW-OB01-092311	9/23/2011	-1.20	1.00	1.80	0.98	0.28	0.10	0.00	0.05	0.15	0.92	0.28	0.11	1.90	2.80
OB-01	GW-OB01-122111	12/21/2011	0.80	0.99	1.60	0.95	0.25	0.10	0.00	0.01	0.05	0.82	0.23	0.04	1.77	2.59
OB-01	GW-OB01-122111-FD	12/21/2011	0.09	1.10	1.80	0.84	0.25	0.10	0.02	0.04	0.06	0.46	0.18	0.13	1.32	2.90
OB-01	GW-OB01-032912	3/29/2012	-1.00	1.10	2.00	1.04	0.22	0.08	0.01	0.03	0.06	0.82	0.19	0.07	1.87	3.10
OB-01	GW-OB01-053112	5/31/2012	-1.40	2.00	3.60	1.65	0.29	0.08	0.12	0.08	0.03	0.88	0.20	0.03	2.65	5.60
OB-01	GW-OB01-082312	8/23/2012	0.50	2.00	3.40	0.82	0.19	0.05	0.04	0.05	0.08	0.82	0.19	0.08	1.68	5.40
OB-01	GW-OB01-112912	11/29/2012	-1.00	2.20	3.80	0.85	0.20	0.05	0.00	0.01	0.04	0.85	0.20	0.03	1.70	6.00
OB-01	GW-OB01-030713	3/7/2013	-2.85	2.03	3.67	0.84	0.19	0.05	0.01	0.02	0.03	0.55	0.15	0.03	1.40	5.70
OB-01	GW-OB01-060513	6/5/2013	-2.39	2.22	3.95	1.26	0.25	0.06	0.04	0.05	0.04	0.62	0.17	0.06	1.92	6.17
OB-01	GW-OB01-091813	9/18/2013	-0.48	1.23	2.15	0.82	0.27	0.14	0.13	0.12	0.12	0.68	0.26	0.18	1.62	3.38

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

			Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
Station ID	Sample ID	Date Sampled	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
OB-01	GW-OB01-121213	12/12/2013	1.42	1.35	2.22	1.02	0.24	0.09	0.05	0.05	0.05	0.84	0.22	0.07	1.90	3.57
OB-01	GW-OB01-022814	2/28/2014	-0.10	1.24	2.12	0.98	0.23	0.08	0.03	0.05	0.09	0.95	0.23	0.08	1.96	3.36
OB-01	GW-OB01-052914	5/29/2014	0.86	1.34	2.21	1.84	0.23	0.03	0.05	0.04	0.05	1.27	0.18	0.03	3.16	3.55
OB-01	GW-OB01-090414	9/4/2014	0.57	1.37	2.30	0.91	0.22	0.03	0.00	0.03	0.09	0.75	0.19	0.03	1.66	3.67
OB-01	GW-OB01-112014	11/20/2014	0.10	1.33	2.25	0.91	0.21	0.06	0.09	0.07	0.04	0.69	0.18	0.06	1.70	3.58
PL-04	GW-PL04-122204	12/6/2004	8.99	5.93	8.96	0.11	0.06	0.05	0.00	0.03	0.05	0.08	0.05	0.06	0.20	14.89
PL-06	GW-PL06-121504	12/6/2004	92.30	18	9.81	0.04	0.04	0.06	0.00	0.02	0.05	0.07	0.04	0.04	0.11	27.81
PL-06	GW-PL06-062707	6/27/2007	153	8.53	9.06	0.12	0.09	0.03	-0.02	0.03	0.10	0.07	0.08	0.08	0.17	17.59
PL-06	GW-PL06-091907	9/19/2007	126	7.83	9.77	0.03	0.04	0.04	0.01	0.02	0.02	0.04	0.04	0.04	0.08	17.60
PL-06	GW-PL06-120407	12/4/2007	133	7.56	8.70	0.15	0.13	0.10	-0.01	0.02	0.07	-0.01	0.02	0.05	0.13	16.26
PL-06	GW-PL06-030508	3/5/2008	106	6.75	8.57	0.08	0.08	0.09	0.00	0.00	0.02	0.03	0.05	0.07	0.10	15.32
PL-06	GW-PL06-062708	6/27/2008	117	7.30	9.20	0.36	0.13	0.05	0.02	0.04	0.05	0.38	0.14	0.10	0.76	16.50
PL-06	GW-PL06-120808	12/8/2008	160	14	1.00	0.07	0.08	0.11	0.00	0.01	0.09	0.06	0.07	0.10	0.13	15
PL-06	GW-PL06-032509	3/25/2009	133	12	1.00	-	-	-	-	-	-	-	-	-	-	13
PL-06	GW-PL06-093009	9/30/2009	168	15	2.00	0.01	0.04	0.12	-0.01	0.01	0.11	0.07	0.08	0.10	0.07	17
PL-06	GW-PL06-110409	11/4/2009	130	12	2.00	-	-	-	-	-	-	-	-	-	-	14
PL-06	GW-PL06-121609	12/16/2009	121	11	2.00	0.13	0.08	0.09	0.00	0.02	0.04	0.03	0.05	0.07	0.16	13
PL-06	GW-PL06-031810	3/18/2010	170	15	2.00	1.63	0.40	0.17	0.09	0.11	0.14	1.22	0.34	0.14	2.94	17
PL-06	GW-PL06-062210	6/22/2010	151	13	2.00	0.08	0.07	0.08	0.00	0.02	0.04	0.05	0.05	0.06	0.13	15
PL-06	GW-PL06-092310	9/23/2010	150	13	2.00	0.11	0.09	0.09	0.00	0.02	0.06	0.02	0.03	0.04	0.12	15
PL-06	GW-PL06-121710	12/17/2010	148	13	2.00	0.08	0.08	0.11	0.06	0.09	0.13	0.16	0.11	0.04	0.30	15
PL-06	GW-PL06-022511	2/25/2011	90.50	8.10	1.60	0.24	0.14	0.12	-0.01	0.02	0.11	0.08	0.08	0.09	0.31	9.70
WS-23	GW-WS23-121304	12/6/2004	8.09	6.52	10.20	0.09	0.06	0.06	0.02	0.03	0.06	0.11	0.06	0.07	0.22	16.72
WS-23	GW-WS23-032709	3/27/2009	-0.79	0.75	1.40	-	-	-	-	-	-	-	-	-	-	2.15
WS-25	GW-WS25-121504	12/6/2004	5.68	6.16	9.95	0.73	0.18	0.03	0.05	0.04	0.02	0.49	0.13	0.02	1.27	16.11
WS-25	GW-WS25-033009	3/30/2009	-0.44	0.80	1.40	-	-	-	-	-	-	-	-	-	-	2.20
WS-27	GW-WS27-121504	12/6/2004	6.59	7.87	12.80	0.62	0.16	0.03	0.04	0.04	0.05	0.43	0.13	0.04	1.09	20.67
WS-27	GW-WS27-033009	3/30/2009	0.07	0.78	1.40	-	-	-	-	-	-	-	-	-	-	2.18
WS-29	GW-WS29-121604	12/6/2004	4.63	6.80	11.20	0.06	0.05	0.06	0.03	0.03	0.02	0.04	0.04	0.05	0.13	18.00
WS-29	GW-WS29-033109	3/31/2009	-0.38	0.70	1.30	-	-	-	-	-	-	-	-	-	-	2.00
WS-32	GW-WS32-121704	12/6/2004	16.50	7.70	10.70	0.17	0.08	0.06	0.01	0.04	0.05	0.06	0.05	0.05	0.24	18.40
WS-32	GW-WS32-033009	3/30/2009	12.50	1.70	1.30	-	-	-	-	-	-	-	-	-	-	3.00

Attachment 5
Impacted Area Hybrid Well Water Monitoring Data

Station ID	Sample ID	Date Sampled	Tc-99 (pCi/l)			U-233/234 (pCi/l)			U-235/236(pCi/l)			U-238 (pCi/l)			Total U [(a)]	Tc-99[(a)]
			Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	BTV 8.6 pCi/l	Error + MDC
WS-34	GW-WS34-121404	12/6/2004	2.67	5.99	10.10	0.02	0.03	0.05	0.03	0.03	0.06	0.00	0.02	0.06	0.05	16.09
WS-34	GW-WS34-032509	3/25/2009	-0.83	0.73	1.30	-	-	-	-	-	-	-	-	-	-	2.03

(a) Red highlighted blocks indicate sample result that exceeded investigation criterion

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD01-E	0-4	3.4-7.4	5992-SS-130801-05-01	8/1/2013	1.06	0.17	0.08	0.38	0.19	0.23	1.12	0.20	0.13	7.30	-	-	0.40	0.18	0.27	0.94	0.62	1.70	**NA**	0.21
BD01-E	0-4	3.4-7.4	5992-SS-130801-05-08	8/1/2013	0.92	0.15	0.07	0.40	0.08	0.23	0.90	0.18	0.11	4.56	-	-	0.25	0.16	0.20	0.84	0.30	1.16	**NA**	0.06
BD01-E	4-8	7.4-11.4	5992-SS-130801-05-02	8/1/2013	0.89	0.14	0.06	0.31	0.11	0.23	1.30	0.20	0.11	1.22	-	-	0.06	0.21	0.36	1.05	0.49	2.06	0.07	0.18
BD01-E	8-12	11.4-15.4	5992-SS-130801-05-03	8/1/2013	0.89	0.13	0.07	0.46	0.09	0.24	0.94	0.18	0.11	1.86	-	-	0.10	0.12	0.23	0.85	0.32	0.80	0.01	0.03
BD01-E	12-16	15.4-19.4	5992-SS-130801-05-04	8/1/2013	0.85	0.12	0.05	0.36	0.05	0.23	1.06	0.15	0.12	1.67	-	-	0.08	0.13	0.22	1.63	0.74	0.85	0.02	0.06
BD01-E	16-20	19.4-23.4	5992-SS-130801-05-05	8/1/2013	0.80	0.12	0.04	0.20	0.05	0.23	1.01	0.16	0.10	2.07	-	-	0.11	0.13	0.21	1.42	0.61	0.77	0.01	0.03
BD01-E	20-24	23.4-27.4	5992-SS-130801-05-06	8/1/2013	0.74	0.12	0.07	0.16	0.09	0.24	0.88	0.17	0.11	3.08	-	-	0.17	0.15	0.25	1.16	0.78	0.96	0.01	0.03
BD01-E	24-27	27.4-30.4	5992-SS-130801-05-07	8/1/2013	0.71	0.11	0.05	0.15	0.08	0.23	0.80	0.13	0.10	1.93	-	-	0.10	0.09	0.14	1.12	0.50	0.66	0.01	0.02
BD01-W	0-4	3.4-7.4	5986-SS-130801-05-01	8/1/2013	0.83	0.13	0.07	0.35	0.07	0.24	1.14	0.18	0.14	2.86	-	-	0.15	0.13	0.17	1.33	0.68	0.84	**NA**	0.11
BD01-W	4-8	7.4-11.4	5986-SS-130801-05-02	8/1/2013	0.76	0.12	0.07	0.44	0.06	0.24	1.09	0.17	0.10	2.24	-	-	0.12	0.13	0.21	1.20	0.61	0.82	0.03	0.08
BD01-W	8-12	11.4-15.4	5986-SS-130801-05-03	8/1/2013	0.76	0.13	0.07	0.31	0.16	0.31	0.97	0.15	0.12	2.15	-	-	0.11	0.15	0.25	1.50	0.76	0.90	0.01	0.03
BD01-W	12-16	15.4-19.4	5986-SS-130801-05-04	8/1/2013	0.78	0.12	0.06	0.46	0.06	0.30	1.10	0.15	0.08	2.36	-	-	0.12	0.11	0.15	1.43	0.52	0.68	0.03	0.09
BD01-W	16-20	19.4-23.4	5986-SS-130801-05-05	8/1/2013	0.77	0.13	0.06	0.31	0.11	0.28	1.00	0.19	0.12	1.17	-	-	0.06	0.15	0.24	1.42	0.79	0.96	0.01	0.03
BD01-W	20-24	23.4-27.4	5986-SS-130801-05-06	8/1/2013	0.62	0.11	0.06	0.49	0.14	0.28	0.83	0.14	0.07	1.96	-	-	0.10	0.11	0.20	1.27	0.67	0.78	0.01	0.04
BD01-N	0-4	3.4-7.4	5990-SS-130801-05-01	8/1/2013	0.82	0.13	0.06	0.50	0.09	0.30	1.18	0.18	0.06	5.32	-	-	0.29	0.15	0.24	1.14	0.67	0.89	**NA**	0.15
BD01-N	4-8	7.4-11.4	5990-SS-130801-05-02	8/1/2013	0.77	0.13	0.07	0.95	0.16	0.25	1.05	0.19	0.12	2.82	-	-	0.15	0.15	0.25	1.33	0.68	0.85	0.03	0.09
BD01-N	8-12	11.4-15.4	5990-SS-130801-05-03	8/1/2013	0.85	0.14	0.08	0.29	0.12	0.29	1.10	0.16	0.11	2.97	-	-	0.16	0.15	0.24	1.19	0.37	0.85	0.03	0.09
BD01-N	12-16	15.4-19.4	5990-SS-130801-05-04	8/1/2013	0.93	0.16	0.09	0.18	0.17	0.37	1.23	0.21	0.15	4.02	-	-	0.22	0.13	0.21	0.88	0.42	1.07	0.06	0.17
BD01-N	16-20	19.4-23.4	5990-SS-130801-05-05	8/1/2013	0.66	0.11	0.07	0.34	0.12	0.31	1.10	0.17	0.10	3.26	-	-	0.18	0.15	0.20	0.98	0.36	0.90	0.03	0.09
BD01-N	20-24	23.4-27.4	5990-SS-130801-05-06	8/1/2013	0.73	0.12	0.06	0.34	0.05	0.30	1.07	0.17	0.11	2.21	-	-	0.11	0.14	0.23	1.73	0.73	0.84	0.02	0.07
BD01-N	24-26	27.4-29.4	5990-SS-130801-05-07	8/1/2013	0.61	0.11	0.07	0.21	0.05	0.29	0.97	0.15	0.08	0.93	-	-	0.04	0.10	0.22	1.30	0.60	0.77	0.01	0.02
BD01-N	26-27	29.4-30.4	5990-SS-130801-05-08	8/1/2013	0.75	0.27	0.26	0.11	0.06	0.28	1.14	0.31	0.20	2.64	-	-	0.14	0.20	0.41	1.06	0.64	1.75	0.03	0.10
BD01-S	0-4	3.4-7.4	5994-SS-130801-05-01	8/1/2013	0.76	0.11	0.05	0.28	0.10	0.25	1.02	0.17	0.09	2.13	-	-	0.11	0.14	0.20	1.50	0.67	0.82	**NA**	0.04
BD01-S	4-8	7.4-11.4	5994-SS-130801-05-02	8/1/2013	0.67	0.12	0.08	0.25	0.08	0.26	0.96	0.17	0.14	1.98	-	-	0.10	0.16	0.26	1.84	0.77	0.90	0.01	0.03
BD01-S	8-12	11.4-15.4	5994-SS-130801-05-03	8/1/2013	0.82	0.13	0.04	0.18	0.07	0.27	1.12	0.20	0.16	1.85	-	-	0.10	0.14	0.26	0.79	0.33	0.97	0.03	0.08
BD01-S	12-16	15.4-19.4	5994-SS-130801-05-04	8/1/2013	0.70	0.11	0.06	0.41	0.05	0.23	1.07	0.15	0.07	1.46	-	-	0.07	0.09	0.24	1.10	0.57	0.74	0.02	0.07
BD01-S	16-20	19.4-23.4	5994-SS-130801-05-05	8/1/2013	0.72	0.12	0.07	0.20	0.08	0.30	0.97	0.15	0.11	0.91	-	-	-0.01	0.14	0.23	0.91	0.34	0.85	0.01	0.02
BD01-S	24-27	27.4-30.4	5994-SS-130801-05-06	8/1/2013	0.68	0.11	0.06	0.16	0.09	0.24	0.99	0.16	0.10	3.08	-	-	0.17	0.12	0.16	1.21	0.54	0.71	0.01	0.03
BD02-S	0-4	6.5-10.5	5936-SS-130729-05-01	7/29/2013	1.15	0.18	0.08	1.44	0.18	0.23	1.09	0.22	0.17	7.61	-	-	0.42	0.20	0.21	2.25	0.89	1.05	**NA**	0.29
BD02-S	0-4	6.5-10.5	5936-SS-130729-05-02	7/29/2013	1.15	0.16	0.06	1.41	0.22	0.23	1.23	0.18	0.08	15.94	-	-	0.88	0.18	0.18	2.66	0.86	0.96	**NA**	0.42
BD02-S	4-8	10.5-14.5	5936-SS-130729-05-03	7/29/2013	1.00	0.14	0.06	1.64	0.22	0.24	0.97	0.15	0.11	3.18	-	-	0.17	0.10	0.16	1.16	0.63	0.80	0.05	0.14
BD02-S	8-12	14.5-18.5	5936-SS-130729-05-04	7/29/2013	1.00	0.15	0.08	1.95	0.34	0.24	0.97	0.17	0.11	3.41	-	-	0.19	0.16	0.20	1.00	0.32	0.78	0.05	0.15

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD02-S	12-16	18.5-22.5	5936-SS-130729-05-05	7/29/2013	1.00	0.16	0.08	2.01	0.28	0.24	1.15	0.23	0.13	2.54	-	-	0.14	0.15	0.21	0.99	0.36	0.90	0.08	0.23
BD02-S	16-20	22.5-26.5	5936-SS-130729-05-06	7/29/2013	0.88	0.15	0.08	2.88	0.33	0.27	0.93	0.20	0.13	3.03	-	-	0.16	0.16	0.26	1.83	0.80	0.93	0.05	0.14
BD02-S	20-24	26.5-30.5	5936-SS-130729-05-07	7/29/2013	1.00	0.14	0.06	0.21	0.17	0.25	1.09	0.17	0.10	1.70	-	-	0.09	0.14	0.24	1.18	0.67	0.86	0.04	0.12
BD02-S	24-28	30.5-34.5	5936-SS-130729-05-08	7/29/2013	1.42	0.36	0.18	2.96	0.47	0.25	0.94	0.37	0.65	1.06	-	-	-0.03	0.36	0.98	1.06	1.22	3.95	0.14	0.40
BD02-W	0-4	6.5-10.5	5934-SS-130729-05-01	7/29/2013	0.92	0.13	0.06	2.39	0.53	0.24	1.16	0.17	0.10	9.81	-	-	0.54	0.19	0.20	1.52	0.42	0.94	**NA**	0.26
BD02-W	4-8	10.5-14.5	5934-SS-130729-05-02	7/29/2013	0.84	0.13	0.06	3.09	0.36	0.24	1.00	0.16	0.12	3.33	-	-	0.18	0.12	0.16	1.80	0.68	0.81	0.05	0.15
BD02-W	8-12	14.5-18.5	5934-SS-130729-05-03	7/29/2013	0.89	0.13	0.06	2.80	0.38	0.24	1.10	0.17	0.11	2.35	-	-	0.13	0.14	0.23	0.96	0.33	0.85	0.06	0.18
BD02-W	12-16	18.5-22.5	5934-SS-130729-05-04	7/29/2013	1.00	0.15	0.06	2.83	0.34	0.24	1.10	0.17	0.12	2.33	-	-	0.12	0.15	0.27	1.63	0.80	0.95	0.08	0.24
BD02-W	16-20	22.5-26.5	5934-SS-130729-05-05	7/29/2013	0.81	0.12	0.06	1.85	0.34	0.26	1.03	0.15	0.12	3.06	-	-	0.16	0.12	0.20	1.45	0.67	0.83	0.04	0.12
BD02-W	20-24	26.5-30.5	5934-SS-130729-05-06	7/29/2013	1.02	0.14	0.05	2.10	0.42	0.25	1.10	0.16	0.11	1.36	-	-	0.06	0.11	0.24	1.53	0.68	0.83	0.07	0.21
BD02-W	24-26	30.5-33.5	5934-SS-130729-05-07	7/29/2013	0.86	0.13	0.08	2.10	0.24	0.25	0.94	0.16	0.11	4.27	-	-	0.23	0.12	0.18	1.42	0.57	0.73	0.04	0.12
BD02-E	0-4	6.5-10.5	5935-SS-130729-05-01	7/29/2013	1.04	0.17	0.08	1.74	0.19	0.23	1.17	0.21	0.12	16.22	-	-	0.90	0.25	0.26	2.87	0.99	1.08	**NA**	0.35
BD02-E	4-8	10.5-14.5	5935-SS-130729-05-02	7/29/2013	1.72	0.25	0.11	1.95	0.34	0.24	1.93	0.28	0.18	11.81	-	-	0.65	0.30	0.38	3.33	1.24	1.64	0.38	**1.07**
BD02-E	8-12	14.5-18.5	5935-SS-130729-05-03	7/29/2013	0.88	0.13	0.07	3.70	0.55	0.24	1.12	0.18	0.14	2.73	-	-	0.14	0.15	0.25	1.49	0.82	0.95	0.08	0.23
BD02-E	12-16	18.5-22.5	5935-SS-130729-05-04	7/29/2013	0.93	0.14	0.06	1.83	0.34	0.24	1.06	0.16	0.11	5.76	-	-	0.32	0.13	0.22	1.74	0.58	0.73	0.05	0.16
BD02-E	16-20	22.5-26.5	5935-SS-130729-05-05	7/29/2013	0.91	0.15	0.09	2.48	0.27	0.24	1.04	0.17	0.12	3.63	-	-	0.20	0.18	0.29	1.42	0.76	0.94	0.05	0.15
BD02-E	20-24	26.5-30.5	5935-SS-130729-05-06	7/29/2013	0.90	0.13	0.06	2.25	0.25	0.24	1.06	0.15	0.08	1.73	-	-	0.09	0.13	0.21	1.24	0.63	0.79	0.05	0.14
BD02-E	24-27	30.5-32.5	5935-SS-130729-05-07	7/29/2013	0.92	0.14	0.06	2.56	0.35	0.23	0.96	0.17	0.10	5.72	-	-	0.32	0.23	0.24	1.52	1.09	1.44	0.05	0.16
BD02-N	0-4	6.5-10.5	5933-SS-130729-05-01	7/29/2013	1.52	0.39	0.31	1.59	0.17	0.22	1.64	0.44	0.24	5.67	-	-	0.30	0.43	0.62	2.92	2.22	3.10	**NA**	0.76
BD02-N	0-4	6.5-10.5	5933-SS-130729-05-02	7/29/2013	1.13	0.31	0.25	1.72	0.20	0.26	1.13	0.40	0.63	8.75	-	-	0.48	0.44	0.63	2.36	1.11	3.03	**NA**	0.32
BD02-N	4-8	10.5-14.5	5933-SS-130729-05-04	7/29/2013	0.97	0.15	0.07	2.16	0.27	0.24	1.04	0.17	0.13	3.23	-	-	0.17	0.14	0.25	1.53	0.77	0.95	0.06	0.17
BD02-N	8-12	14.5-18.5	5933-SS-130729-05-05	7/29/2013	0.99	0.15	0.08	2.17	0.23	0.23	1.22	0.23	0.13	3.14	-	-	0.17	0.15	0.27	1.12	0.38	0.90	0.10	0.27
BD02-N	12-16	18.5-22.5	5933-SS-130729-05-06	7/29/2013	1.05	0.16	0.06	2.00	0.20	0.23	1.17	0.20	0.09	2.15	-	-	0.11	0.11	0.17	1.34	0.72	0.93	0.09	0.26
BD02-N	17.5-22	24-28.5	5933-SS-130729-05-07	7/29/2013	1.16	0.23	0.14	2.37	0.44	0.23	1.64	0.39	0.20	2.75	-	-	0.14	0.30	0.51	1.80	1.51	2.40	0.21	0.58
BD02-N	22-26	28.5-32.5	5933-SS-130729-05-10	7/29/2013	0.91	0.16	0.09	1.65	0.20	0.23	1.13	0.18	0.14	2.06	-	-	0.11	0.16	0.30	1.38	0.84	1.03	0.05	0.16
BD03-W	0-4	3.2-7.2	5977-SS-130731-05-01	7/31/2013	0.70	0.12	0.10	0.23	0.08	0.23	1.09	0.19	0.06	4.79	-	-	0.26	0.19	0.24	1.67	0.81	0.95	**NA**	0.09
BD03-W	4-8	7.2-11.2	5977-SS-130731-05-02	7/31/2013	0.75	0.12	0.06	0.23	0.08	0.23	1.07	0.15	0.10	2.41	-	-	0.13	0.11	0.17	1.12	0.32	0.77	0.02	0.07
BD03-W	8-12	11.2-15.2	5977-SS-130731-05-03	7/31/2013	0.75	0.12	0.07	0.22	0.05	0.23	1.11	0.19	0.09	1.82	-	-	0.09	0.11	0.21	1.21	0.65	0.83	0.03	0.08
BD03-W	12-16	15.2-19.2	5977-SS-130731-05-04	7/31/2013	0.68	0.12	0.08	0.30	0.10	0.23	1.01	0.18	0.11	5.16	-	-	0.29	0.14	0.21	1.09	0.68	0.85	0.02	0.06
BD03-W	16-20	19.2-23.2	5977-SS-130731-05-05	7/31/2013	0.73	0.11	0.05	0.18	0.04	0.23	1.06	0.15	0.09	1.87	-	-	0.10	0.12	0.20	1.34	0.53	0.68	0.02	0.06
BD03-W	20-24	23.2-27.2	5977-SS-130731-05-06	7/31/2013	0.78	0.13	0.07	0.32	0.11	0.22	0.97	0.15	0.11	1.51	-	-	0.07	0.12	0.21	1.47	0.65	0.78	0.01	0.03
BD03-W	24-28	27.2-31.2	5977-SS-130731-05-07	7/31/2013	0.74	0.13	0.08	0.25	0.04	0.22	0.99	0.17	0.12	2.87	-	-	0.15	0.16	0.25	1.42	0.79	0.94	0.01	0.04

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD03-W	28-30	31.2-33.2	5977-SS-130731-05-08	7/31/2013	0.67	0.10	0.06	0.30	0.08	0.22	0.95	0.13	0.09	2.91	-	-	0.16	0.12	0.15	0.79	0.26	0.64	0.01	0.03
BD03-E	0-4	3.2-7.2	5978-SS-130731-05-01	7/31/2013	0.91	0.14	0.07	0.17	0.10	0.23	0.97	0.17	0.12	4.82	-	-	0.27	0.14	0.19	1.29	0.61	0.79	**NA**	0.05
BD03-E	4-8	7.2-11.2	5978-SS-130731-05-02	7/31/2013	0.78	0.14	0.09	0.24	0.04	0.24	1.04	0.17	0.12	2.02	-	-	0.11	0.16	0.26	1.32	0.81	0.97	0.02	0.05
BD03-E	8-12	11.2-15.2	5978-SS-130731-05-03	7/31/2013	0.69	0.12	0.07	0.08	0.09	0.22	1.02	0.16	0.10	2.02	-	-	0.11	0.12	0.22	1.24	0.61	0.80	0.01	0.03
BD03-E	12-16	15.2-19.2	5978-SS-130731-05-04	7/31/2013	0.83	0.14	0.08	0.17	0.09	0.23	1.10	0.17	0.17	2.18	-	-	0.12	0.13	0.19	0.99	0.36	0.90	0.03	0.08
BD03-E	12-16	15.2-19.2	5978-SS-130731-05-05	7/31/2013	0.75	0.15	0.09	0.17	0.06	0.23	1.09	0.20	0.14	1.87	-	-	0.09	0.15	0.26	1.46	0.78	0.95	0.02	0.07
BD03-E	16-20	19.2-23.2	5978-SS-130731-05-06	7/31/2013	0.62	0.10	0.06	0.26	0.06	0.23	1.01	0.14	0.08	1.98	-	-	0.10	0.11	0.19	1.17	0.52	0.68	0.01	0.03
BD03-E	20-24	23.2-27.2	5978-SS-130731-05-07	7/31/2013	0.74	0.12	0.06	0.19	0.03	0.22	1.14	0.18	0.11	1.13	-	-	0.06	0.10	0.20	1.07	0.56	0.74	0.03	0.09
BD03-E	24-28	27.2-31.2	5978-SS-130731-05-08	7/31/2013	0.62	0.11	0.07	0.28	0.14	0.22	0.86	0.15	0.08	0.87	-	-	0.04	0.09	0.24	1.13	0.76	0.90	0.01	0.02
BD03-S	0-4	3.2-7.2	5980-SS-130731-05-01	7/31/2013	0.82	0.12	0.06	0.29	0.11	0.23	0.54	0.11	0.30	6.34	-	-	0.35	0.13	0.16	1.46	0.57	0.73	**NA**	0.06
BD03-S	4-8	7.2-11.2	5980-SS-130731-05-02	7/31/2013	0.80	0.12	0.06	0.35	0.10	0.22	0.83	0.17	0.11	2.49	-	-	0.14	0.10	0.16	0.83	0.33	0.83	0.01	0.03
BD03-S	8-12	11.2-15.2	5980-SS-130731-05-03	7/31/2013	0.84	0.14	0.08	0.15	0.04	0.22	1.09	0.18	0.12	1.96	-	-	0.10	0.15	0.26	1.15	0.65	0.85	0.02	0.07
BD03-S	12-16	15.2-19.2	5980-SS-130731-05-04	7/31/2013	0.78	0.12	0.06	0.12	0.04	0.23	1.17	0.19	0.08	1.56	-	-	0.08	0.15	0.22	1.36	0.58	0.76	0.04	0.11
BD03-S	16-20	19.2-23.2	5980-SS-130731-05-05	7/31/2013	0.87	0.14	0.07	0.20	0.10	0.24	0.98	0.17	0.15	2.09	-	-	0.11	0.13	0.23	1.39	0.58	0.77	0.01	0.03
BD03-S	20-24	23.2-27.2	5980-SS-130731-05-06	7/31/2013	0.61	0.11	0.07	0.19	0.05	0.25	1.01	0.19	0.08	0.29	-	-	0.01	0.10	0.26	1.36	0.61	0.78	0.01	0.02
BD03-N	0-4	3.2-7.2	5976-SS-130731-05-01	7/31/2013	0.87	0.14	0.07	0.12	0.10	0.24	1.08	0.16	0.11	6.87	-	-	0.38	0.12	0.17	1.54	0.74	0.90	**NA**	0.10
BD03-N	4-8	7.2-11.2	5976-SS-130731-05-02	7/31/2013	0.76	0.13	0.08	0.14	0.04	0.24	1.00	0.17	0.11	3.64	-	-	0.19	0.14	0.24	1.84	0.85	1.02	0.01	0.04
BD03-N	8-12	11.2-15.2	5976-SS-130731-05-03	7/31/2013	0.70	0.13	0.08	0.16	0.06	0.26	1.06	0.20	0.10	1.12	-	-	0.06	0.09	0.27	0.84	0.39	1.06	0.02	0.05
BD03-N	12-16	15.2-19.2	5976-SS-130731-05-04	7/31/2013	0.73	0.12	0.06	0.21	0.04	0.22	1.08	0.17	0.06	3.20	-	-	0.17	0.11	0.16	1.43	0.62	0.77	0.03	0.08
BD03-N	16-20	19.2-23.2	5976-SS-130731-05-05	7/31/2013	0.68	0.12	0.08	0.26	0.04	0.23	0.97	0.16	0.14	1.66	-	-	0.09	0.12	0.20	0.69	0.33	1.00	0.01	0.02
BD03-N	20-24	23.2-27.2	5976-SS-130731-05-08	7/31/2013	0.88	0.23	0.21	0.23	0.08	0.25	1.38	0.35	0.14	3.06	-	-	0.16	0.31	0.56	2.23	1.92	2.56	0.08	0.23
BD03-N	20-24	23.2-27.2	5976-SS-130731-05-09	7/31/2013	1.06	0.28	0.23	0.14	0.02	0.22	1.52	0.37	0.21	3.76	-	-	0.21	0.36	0.73	1.02	0.88	2.89	0.14	0.38
BD03-N	24-28	27.2-31.2	5976-SS-130731-05-10	7/31/2013	0.85	0.13	0.06	0.03	0.05	0.23	1.02	0.16	0.08	0.87	-	-	0.04	0.11	0.22	0.99	0.33	0.80	0.01	0.02
BD04-E	0-4	4.3-8.3	5952-SS-130730-05-01	7/30/2013	1.10	0.16	0.08	0.52	0.06	0.25	1.30	0.21	0.12	12.51	-	-	0.68	0.17	0.23	4.37	0.99	1.02	**NA**	0.38
BD04-E	4-8	8.3-12.3	5952-SS-130730-05-02	7/30/2013	1.04	0.15	0.06	0.64	0.08	0.23	1.17	0.20	0.10	11.49	-	-	0.63	0.19	0.22	2.91	0.82	0.92	0.09	0.27
BD04-E	8-12	12.3-16.3	5952-SS-130730-05-03	7/30/2013	0.93	0.14	0.08	0.94	0.21	0.23	1.06	0.19	0.10	1.94	-	-	0.10	0.15	0.28	1.02	0.35	0.85	0.03	0.10
BD04-E	12-16	16.3-20.3	5952-SS-130730-05-04	7/30/2013	0.94	0.14	0.07	1.45	0.21	0.23	1.13	0.17	0.08	3.60	-	-	0.20	0.13	0.21	1.35	0.34	0.78	0.06	0.18
BD04-E	16-20	20.3-24.3	5952-SS-130730-05-05	7/30/2013	1.00	0.14	0.07	2.22	0.36	0.23	1.02	0.15	0.11	3.85	-	-	0.21	0.13	0.17	1.59	0.70	0.83	0.06	0.18
BD04-E	20-24	24.3-28.3	5952-SS-130730-05-06	7/30/2013	0.78	0.12	0.09	1.60	0.31	0.26	0.98	0.15	0.11	1.88	-	-	0.10	0.13	0.24	1.38	0.70	0.84	0.03	0.08
BD04-E	24-27	28.3-31.3	5952-SS-130730-05-07	7/30/2013	1.10	0.29	0.23	0.04	0.07	0.25	1.02	0.25	0.29	3.34	-	-	0.18	0.28	0.40	1.64	1.69	2.39	0.05	0.15
BD04-E	24-27	28.3-31.3	5952-SS-130730-05-08	7/30/2013	1.09	0.25	0.18	1.07	0.13	0.24	0.96	0.26	0.31	4.74	-	-	0.26	0.33	0.56	0.97	0.82	2.61	0.06	0.18
BD04-W	0-4	4.3-8.3	5970-SS-130731-05-01	7/31/2013	1.01	0.15	0.07	0.52	0.09	0.22	1.20	0.17	0.13	4.56	-	-	0.25	0.15	0.21	1.92	0.73	0.89	**NA**	0.22

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD04-W	4-8	8.3-12.3	5970-SS-130731-05-02	7/31/2013	1.10	0.17	0.08	0.36	0.15	0.23	1.28	0.20	0.13	2.43	-	-	0.13	0.17	0.31	1.37	0.80	1.03	0.10	0.28
BD04-W	8-12	12.3-16.3	5970-SS-130731-05-03	7/31/2013	0.97	0.15	0.08	0.63	0.07	0.23	1.21	0.20	0.15	2.14	-	-	0.10	0.19	0.32	2.22	1.16	1.49	0.07	0.19
BD04-W	12-16	16.3-20.3	5970-SS-130731-05-04	7/31/2013	0.87	0.13	0.07	0.62	0.18	0.26	1.06	0.16	0.07	1.98	-	-	0.10	0.12	0.20	1.22	0.55	0.71	0.02	0.07
BD04-W	16-20	20.3-24.3	5970-SS-130731-05-05	7/31/2013	0.88	0.14	0.09	0.73	0.14	0.26	0.97	0.16	0.08	1.98	-	-	0.10	0.14	0.24	1.43	0.65	0.82	0.02	0.05
BD04-W	20-24	24.3-28.3	5970-SS-130731-05-06	7/31/2013	0.93	0.15	0.08	0.77	0.09	0.24	1.13	0.21	0.11	1.35	-	-	0.07	0.16	0.26	0.92	0.34	0.83	0.04	0.13
BD04-W	24-27	28.3-31.3	5970-SS-130731-05-07	7/31/2013	0.88	0.12	0.05	0.82	0.13	0.24	1.00	0.14	0.07	1.16	-	-	0.06	0.11	0.21	0.87	0.28	0.68	0.01	0.05
BD04-S	0-4	4.3-8.3	5971-SS-130731-05-01	7/31/2013	1.18	0.19	0.09	0.80	0.21	0.23	1.27	0.23	0.16	16.69	-	-	0.92	0.21	0.23	4.73	1.13	1.18	**NA**	0.45
BD04-S	0-4	4.3-8.3	5971-SS-130731-05-02	7/31/2013	1.02	0.15	0.07	1.00	0.12	0.24	1.08	0.16	0.10	11.05	-	-	0.61	0.20	0.21	3.50	0.83	0.88	**NA**	0.23
BD04-S	4-8	8.3-12.3	5971-SS-130731-05-03	7/31/2013	1.22	0.18	0.07	1.15	0.18	0.23	1.14	0.19	0.14	9.17	-	-	0.51	0.22	0.24	1.51	0.41	0.97	0.12	0.35
BD04-S	8-12	12.3-16.3	5971-SS-130731-05-04	7/31/2013	0.94	0.15	0.08	1.58	0.24	0.23	0.98	0.17	0.11	2.63	-	-	0.14	0.14	0.22	1.22	0.65	0.84	0.03	0.10
BD04-S	12-16	16.3-20.3	5971-SS-130731-05-05	7/31/2013	0.91	0.14	0.07	2.66	0.41	0.23	1.11	0.18	0.15	3.64	-	-	0.20	0.19	0.23	1.72	0.79	0.96	0.07	0.20
BD04-S	16-20	20.3-24.3	5971-SS-130731-05-06	7/31/2013	0.92	0.14	0.07	1.46	0.32	0.24	1.07	0.18	0.13	1.53	-	-	0.07	0.13	0.23	1.72	0.60	0.76	0.04	0.12
BD04-S	20-24	24.3-28.3	5971-SS-130731-05-07	7/31/2013	0.91	0.14	0.09	1.09	0.33	0.24	1.20	0.22	0.12	2.42	-	-	0.13	0.15	0.24	1.70	0.81	0.96	0.06	0.17
BD04-S	24-28	28.3-32.3	5971-SS-130731-05-08	7/31/2013	1.18	0.23	0.15	1.79	0.28	0.26	1.24	0.27	0.27	5.55	-	-	0.30	0.31	0.55	2.17	1.94	2.69	0.13	0.39
BD04-S	28-30	32.3-34.3	5971-SS-130731-05-09	7/31/2013	1.37	0.33	0.25	0.94	0.17	0.25	1.28	0.28	0.13	6.51	-	-	0.35	0.33	0.58	2.34	1.89	2.55	0.17	0.48
BD04-N	0-4	4.3-8.3	5951-SS-130730-05-01	7/30/2013	0.78	0.12	0.06	0.94	0.15	0.23	1.09	0.16	0.14	0.91	-	-	0.04	0.12	0.24	1.50	0.64	0.79	**NA**	0.10
BD04-N	4-8	8.3-12.3	5951-SS-130730-05-02	7/30/2013	0.83	0.12	0.06	0.55	0.17	0.26	1.07	0.17	0.10	3.54	-	-	0.20	0.15	0.18	0.89	0.35	0.99	0.03	0.08
BD04-N	8-12	12.3-16.3	5951-SS-130730-05-03	7/30/2013	0.69	0.11	0.05	0.75	0.15	0.22	1.03	0.16	0.08	1.74	-	-	0.09	0.12	0.21	1.00	0.29	0.68	0.02	0.06
BD04-N	12-16	16.3-20.3	5951-SS-130730-05-05	7/30/2013	0.84	0.16	0.10	0.67	0.09	0.22	1.25	0.24	0.15	1.75	-	-	0.08	0.16	0.32	2.05	0.88	1.01	0.06	0.17
BD04-N	16-20	20.3-24.3	5951-SS-130730-05-06	7/30/2013	0.71	0.11	0.06	0.59	0.14	0.22	0.97	0.14	0.08	0.95	-	-	0.05	0.12	0.21	0.81	0.31	0.77	0.01	0.03
BD04-N	20-24	24.3-28.3	5951-SS-130730-05-07	7/30/2013	0.96	0.17	0.09	0.91	0.31	0.24	1.05	0.19	0.16	2.07	-	-	0.11	0.17	0.29	1.11	0.66	0.95	0.04	0.11
BD04-N	24-27	28.3-31.3	5951-SS-130730-05-08	7/30/2013	1.04	0.24	0.18	0.45	0.05	0.22	1.08	0.28	0.13	5.33	-	-	0.29	0.31	0.50	2.04	1.76	2.46	0.06	0.18
BD05-E	0-4	0-4	6211-SS-130814-04-01	8/14/2013	0.87	0.13	0.09	0.11	0.16	0.23	1.12	0.18	0.12	3.32	-	-	0.18	0.13	0.17	0.77	0.29	0.74	**NA**	0.09
BD05-E	4-8	4-8	6211-SS-130814-04-02	8/14/2013	0.98	0.16	0.08	-0.02	0.04	0.23	1.05	0.19	0.13	2.44	-	-	0.13	0.13	0.28	1.72	0.82	0.97	0.03	0.09
BD05-E	8-12	8-12	6211-SS-130814-04-03	8/14/2013	1.09	0.16	0.08	-0.04	0.03	0.23	1.35	0.21	0.08	2.20	-	-	0.12	0.14	0.24	0.62	0.32	0.87	0.11	0.29
BD05-E	12-16	12-16	6211-SS-130814-04-04	8/14/2013	1.05	0.17	0.08	-0.05	0.07	0.22	1.31	0.24	0.08	1.43	-	-	0.07	0.17	0.30	1.16	0.43	1.05	0.09	0.25
BD05-E	16-20	16-20	6211-SS-130814-04-05	8/14/2013	1.23	0.18	0.09	-0.07	0.04	0.25	1.26	0.19	0.12	1.96	-	-	0.10	0.16	0.26	1.05	0.38	0.94	0.12	0.32
BD05-E	20-24	20-24	6211-SS-130814-04-06	8/14/2013	0.97	0.14	0.07	-0.04	0.08	0.26	1.18	0.18	0.14	1.09	-	-	0.05	0.09	0.26	0.99	0.37	0.93	0.05	0.14
BD05-E	20-24	20-24	6211-SS-130814-04-07	8/14/2013	1.01	0.16	0.08	-0.06	0.08	0.23	1.15	0.18	0.10	2.32	-	-	0.13	0.14	0.18	1.04	0.36	0.93	0.05	0.15
BD05-E	24-28	24-28	6211-SS-130814-04-08	8/14/2013	1.07	0.18	0.10	-0.10	0.04	0.30	1.16	0.20	0.08	2.05	-	-	0.11	0.20	0.32	0.81	0.74	1.21	0.07	0.19
BD05-E	28-32	28-32	6211-SS-130814-04-09	8/14/2013	1.16	0.17	0.08	-0.03	0.10	0.28	1.41	0.23	0.10	4.76	-	-	0.26	0.15	0.24	0.90	0.42	1.07	0.14	0.38
BD05-E	32-33	32-33	6211-SS-130814-04-10	8/14/2013	1.19	0.22	0.14	-0.07	0.04	0.25	1.18	0.25	0.28	2.38	-	-	0.13	0.28	0.46	0.60	0.48	2.16	0.09	0.26

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD05-S	0-4	0-4	6212-SS-130814-04-01	8/14/2013	1.06	0.15	0.07	0.23	0.08	0.23	1.04	0.16	0.10	3.00	-	-	0.16	0.14	0.21	1.58	0.65	0.81	**NA**	0.14
BD05-S	4-8	4-8	6212-SS-130814-04-02	8/14/2013	1.08	0.16	0.08	0.30	0.11	0.24	1.08	0.18	0.11	2.14	-	-	0.12	0.16	0.24	0.94	0.33	0.81	0.06	0.17
BD05-S	8-12	8-12	6212-SS-130814-04-03	8/14/2013	1.08	0.16	0.07	0.19	0.11	0.26	1.25	0.18	0.10	2.03	-	-	0.10	0.14	0.25	1.65	0.70	0.85	0.09	0.25
BD05-S	12-16	12-16	6212-SS-130814-04-04	8/14/2013	1.10	0.17	0.07	0.17	0.05	0.23	1.20	0.20	0.12	4.10	-	-	0.23	0.16	0.21	0.97	0.38	0.92	0.09	0.24
BD05-S	16-20	16-20	6212-SS-130814-04-05	8/14/2013	1.10	0.17	0.08	0.25	0.09	0.26	1.14	0.21	0.15	2.23	-	-	0.12	0.16	0.31	1.49	0.89	1.09	0.07	0.21
BD05-S	20-24	20-24	6212-SS-130814-04-06	8/14/2013	1.00	0.15	0.07	0.38	0.08	0.27	1.23	0.19	0.11	4.44	-	-	0.25	0.13	0.19	1.04	0.32	0.87	0.08	0.22
BD05-S	24-28	24-28	6212-SS-130814-04-07	8/14/2013	0.94	0.13	0.07	0.28	0.05	0.23	1.09	0.17	0.12	2.23	-	-	0.12	0.15	0.25	1.39	0.77	0.94	0.03	0.10
BD05-S	28-32	28-32	6212-SS-130814-04-08	8/14/2013	1.15	0.16	0.06	0.33	0.06	0.24	1.17	0.19	0.16	2.74	-	-	0.15	0.16	0.27	0.86	0.36	1.04	0.09	0.25
BD05-S	32-33	32-33	6212-SS-130814-04-09	8/14/2013	1.12	0.16	0.07	0.24	0.15	0.27	1.16	0.19	0.16	0.82	-	-	0.04	0.13	0.25	0.83	0.32	0.82	0.08	0.22
BD05-W	0-4	0-4	6209-SS-130814-04-01	8/14/2013	0.83	0.11	0.07	0.24	0.06	0.25	0.98	0.14	0.10	6.19	-	-	0.34	0.12	0.16	2.08	0.71	0.79	**NA**	0.06
BD05-W	4-8	4-8	6209-SS-130814-04-02	8/14/2013	1.18	0.31	0.25	0.26	0.11	0.23	1.28	0.35	0.21	3.32	-	-	0.18	0.24	0.70	1.61	1.04	3.19	0.12	0.33
BD05-W	8-12	8-12	6209-SS-130814-04-03	8/14/2013	1.21	0.34	0.27	0.05	0.04	0.24	1.59	0.49	0.35	2.18	-	-	-0.17	0.31	0.52	2.18	1.25	1.69	0.18	0.48
BD05-W	12-16	12-16	6209-SS-130814-04-04	8/14/2013	1.32	0.32	0.25	0.23	0.03	0.23	1.19	0.30	0.38	4.55	-	-	0.24	0.41	0.61	2.62	1.03	2.19	0.13	0.37
BD05-W	12-16	12-16	6209-SS-130814-04-05	8/14/2013	1.22	0.24	0.15	0.30	0.12	0.26	0.94	0.28	0.19	6.56	-	-	0.36	0.30	0.50	1.42	0.73	2.18	0.08	0.23
BD05-W	16-20	16-20	6209-SS-130814-04-06	8/14/2013	0.99	0.15	0.07	0.24	0.14	0.23	1.10	0.16	0.12	5.96	-	-	0.33	0.16	0.20	2.07	0.83	0.98	0.05	0.15
BD05-W	20-24	20-24	6209-SS-130814-04-07	8/14/2013	1.19	0.24	0.16	0.71	0.07	0.23	1.31	0.28	0.10	6.49	-	-	0.35	0.33	0.53	2.71	1.88	2.38	0.14	0.39
BD05-W	24-29	24-29	6209-SS-130814-04-08	8/14/2013	1.07	0.16	0.09	0.74	0.11	0.28	1.37	0.20	0.12	3.93	-	-	0.21	0.18	0.22	1.50	0.76	0.96	0.12	0.34
BD05-W	29-32	29-32	6209-SS-130814-04-09	8/14/2013	0.99	0.15	0.07	0.24	0.05	0.35	1.17	0.19	0.11	1.00	-	-	0.05	0.15	0.24	1.21	0.64	0.83	0.06	0.15
BD05-N	0-4	0-4	6210-SS-130814-04-01	8/14/2013	1.00	0.16	0.08	0.51	0.14	0.24	1.16	0.18	0.12	2.55	-	-	0.14	0.17	0.25	1.16	0.37	0.90	**NA**	0.18
BD05-N	4-8	4-8	6210-SS-130814-04-02	8/14/2013	1.12	0.15	0.06	0.13	0.06	0.24	1.13	0.17	0.10	2.02	-	-	0.10	0.13	0.19	1.44	0.54	0.70	0.07	0.21
BD05-N	8-12	8-12	6210-SS-130814-04-03	8/14/2013	1.04	0.16	0.08	0.08	0.11	0.23	1.15	0.17	0.09	2.94	-	-	0.16	0.15	0.18	1.53	0.76	0.91	0.06	0.18
BD05-N	12-16	12-16	6210-SS-130814-04-04	8/14/2013	1.12	0.16	0.07	0.07	0.04	0.25	1.28	0.19	0.12	2.84	-	-	0.16	0.17	0.27	0.81	0.37	1.19	0.10	0.28
BD05-N	16-20	16-20	6210-SS-130814-04-05	8/14/2013	1.05	0.15	0.06	0.05	0.09	0.28	1.19	0.17	0.09	2.63	-	-	0.15	0.15	0.24	0.57	0.33	0.87	0.07	0.20
BD05-N	20-24	20-24	6210-SS-130814-04-06	8/14/2013	1.17	0.17	0.08	0.08	0.22	0.29	1.11	0.18	0.12	2.44	-	-	0.13	0.14	0.25	1.20	0.62	0.84	0.08	0.22
BD05-N	24-28	24-28	6210-SS-130814-04-07	8/14/2013	1.19	0.18	0.08	0.04	0.14	0.30	1.22	0.22	0.14	4.36	-	-	0.24	0.16	0.25	1.45	0.80	1.03	0.11	0.30
BD05-N	28-32	28-32	6210-SS-130814-04-08	8/14/2013	1.06	0.15	0.06	0.12	0.20	0.32	1.16	0.17	0.09	1.70	-	-	0.09	0.15	0.22	0.94	0.33	0.84	0.07	0.18
BD05-N	32-33.5	32-33.5	6210-SS-130814-04-09	8/14/2013	1.14	0.18	0.08	0.11	0.07	0.22	1.15	0.19	0.17	2.35	-	-	0.13	0.17	0.29	0.93	0.38	0.99	0.08	0.23
BD06-E	0-4	0-4	6245-SS-130815-05-01	8/15/2013	0.92	0.14	0.08	0.27	0.05	0.23	1.15	0.17	0.08	1.58	-	-	0.08	0.13	0.24	1.09	0.76	0.94	**NA**	0.11
BD06-E	4-8	4-8	6245-SS-130815-05-02	8/15/2013	1.14	0.16	0.07	0.40	0.11	0.24	1.26	0.19	0.07	1.27	-	-	0.06	0.12	0.23	1.10	0.33	0.77	0.10	0.29
BD06-E	4-8	4-8	6245-SS-130815-05-03	8/15/2013	0.97	0.15	0.08	0.20	0.05	0.23	1.14	0.19	0.14	2.42	-	-	0.13	0.17	0.27	1.06	0.72	0.93	0.05	0.13
BD06-E	8-12	8-12	6245-SS-130815-05-04	8/15/2013	1.11	0.15	0.06	0.46	0.05	0.23	1.19	0.17	0.12	1.52	-	-	0.07	0.14	0.23	1.45	0.64	0.82	0.09	0.24
BD06-E	12-16	12-16	6245-SS-130815-05-05	8/15/2013	1.19	0.17	0.08	0.19	0.12	0.26	1.17	0.19	0.11	2.56	-	-	0.14	0.14	0.27	1.40	0.80	0.97	0.10	0.27

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD06-E	16-20	16-20	6245-SS-130815-05-06	8/15/2013	1.06	0.16	0.07	0.31	0.06	0.27	1.27	0.19	0.09	1.92	-	-	0.10	0.15	0.28	1.53	0.77	0.97	0.09	0.25
BD06-E	20-24	20-24	6245-SS-130815-05-07	8/15/2013	0.84	0.15	0.09	0.27	0.06	0.26	1.24	0.22	0.12	4.22	-	-	0.23	0.17	0.23	0.84	0.76	1.00	0.06	0.16
BD06-E	24-28	24-28	6245-SS-130815-05-08	8/15/2013	1.15	0.16	0.07	0.22	0.05	0.23	1.36	0.20	0.14	1.64	-	-	0.08	0.17	0.28	1.13	0.69	0.92	0.12	0.34
BD06-E	28-31	28-31	6245-SS-130815-05-09	8/15/2013	0.80	0.12	0.05	0.15	0.08	0.22	0.75	0.14	0.07	1.93	-	-	0.10	0.11	0.18	1.13	0.50	0.64	0.01	0.02
BD06-S	0-4	0-4	6248-SS-130815-05-01	8/15/2013	0.90	0.13	0.07	6.93	0.91	0.27	0.98	0.15	0.10	9.93	-	-	0.54	0.19	0.25	3.47	0.86	0.90	**NA**	0.36
BD06-S	4-8	4-8	6248-SS-130815-05-02	8/15/2013	0.89	0.13	0.07	0.49	0.26	0.26	0.83	0.14	0.08	24.54	-	-	1.35	0.24	0.23	6.63	1.22	1.08	0.05	0.21
BD06-S	4-8	4-8	6248-SS-130815-05-03	8/15/2013	1.03	0.15	0.08	5.53	1.31	0.28	0.98	0.18	0.09	14.63	-	-	0.80	0.21	0.23	5.05	1.08	1.04	0.13	0.41
BD06-S	8-12	8-12	6248-SS-130815-05-04	8/15/2013	1.07	0.15	0.06	1.72	0.36	0.28	1.11	0.17	0.08	11.96	-	-	0.65	0.18	0.22	3.89	0.96	0.99	0.10	0.31
BD06-S	12-16	12-16	6248-SS-130815-05-05	8/15/2013	1.31	0.18	0.07	0.45	0.15	0.29	1.17	0.18	0.12	3.77	-	-	0.20	0.15	0.20	2.00	0.72	0.89	0.12	0.35
BD06-S	16-20	16-20	6248-SS-130815-05-06	8/15/2013	0.91	0.15	0.08	4.87	0.82	0.26	1.09	0.18	0.13	15.06	-	-	0.83	0.21	0.28	4.77	1.26	1.22	0.11	0.36
BD06-S	20-24	20-24	6248-SS-130815-05-07	8/15/2013	1.18	0.17	0.07	1.55	0.19	0.25	1.26	0.19	0.13	6.92	-	-	0.38	0.17	0.22	1.76	0.40	0.89	0.14	0.39
BD06-S	24-28	24-28	6248-SS-130815-05-08	8/15/2013	0.98	0.14	0.07	0.26	0.13	0.32	1.06	0.16	0.12	2.83	-	-	0.15	0.12	0.17	1.43	0.70	0.85	0.04	0.11
BD06-S	28-31	28-31	6248-SS-130815-05-09	8/15/2013	0.95	0.16	0.08	2.55	0.37	0.27	0.82	0.20	0.13	5.74	-	-	0.32	0.16	0.18	1.65	0.76	0.95	0.06	0.17
BD06-N	0-4	0-4	6244-SS-130815-05-01	8/15/2013	1.07	0.17	0.09	0.26	0.09	0.23	1.02	0.18	0.12	10.07	-	-	0.55	0.20	0.22	3.36	0.87	0.96	**NA**	0.19
BD06-N	4-8	4-8	6244-SS-130815-05-02	8/15/2013	0.86	0.13	0.07	0.20	0.04	0.24	1.07	0.16	0.10	1.67	-	-	0.08	0.14	0.21	1.36	0.68	0.82	0.02	0.06
BD06-N	8-12	8-12	6244-SS-130815-05-03	8/15/2013	1.06	0.19	0.10	0.10	0.05	0.23	1.33	0.21	0.15	2.59	-	-	0.14	0.20	0.31	1.18	0.44	1.09	0.10	0.28
BD06-N	12-16	12-16	6244-SS-130815-05-04	8/15/2013	1.22	0.18	0.09	0.07	0.07	0.26	1.42	0.24	0.14	0.69	-	-	0.03	0.12	0.30	1.33	0.80	0.99	0.14	0.39
BD06-N	16-20	16-20	6244-SS-130815-05-05	8/15/2013	1.08	0.18	0.10	0.07	0.12	0.24	1.14	0.21	0.10	3.97	-	-	0.22	0.19	0.29	1.33	0.49	1.14	0.07	0.20
BD06-N	20-22	20-22	6244-SS-130815-05-06	8/15/2013	0.97	0.22	0.17	0.53	0.07	0.23	1.29	0.28	0.11	5.24	-	-	0.28	0.34	0.56	2.20	1.81	2.44	0.09	0.25
BD06-N	22-27	22-27	6244-SS-130815-05-07	8/15/2013	1.18	0.23	0.14	0.07	0.09	0.23	1.14	0.27	0.14	1.16	-	-	0.06	0.14	0.51	0.69	0.53	2.23	0.08	0.23
BD06-N	27-31	27-31	6244-SS-130815-05-08	8/15/2013	0.84	0.14	0.07	0.09	0.06	0.24	1.02	0.15	0.07	2.32	-	-	0.12	0.13	0.17	1.22	0.63	0.78	0.01	0.04
BD06-W	0-4	0-4	6247-SS-130815-05-01	8/15/2013	0.94	0.14	0.06	0.67	0.12	0.24	1.14	0.17	0.10	1.39	-	-	0.07	0.11	0.22	0.96	0.34	0.82	**NA**	0.13
BD06-W	4-8	4-8	6247-SS-130815-05-02	8/15/2013	0.95	0.14	0.07	0.30	0.07	0.23	1.07	0.17	0.12	0.30	-	-	0.01	0.14	0.25	1.36	0.69	0.85	0.03	0.08
BD06-W	8-12	8-12	6247-SS-130815-05-03	8/15/2013	1.10	0.16	0.07	0.60	0.18	0.25	1.25	0.19	0.13	2.88	-	-	0.15	0.14	0.26	1.50	0.70	0.87	0.10	0.28
BD06-W	8-12	8-12	6247-SS-130815-05-04	8/15/2013	1.07	0.19	0.10	0.46	0.09	0.22	1.42	0.24	0.13	3.00	-	-	0.16	0.20	0.29	1.08	0.46	1.14	0.12	0.34
BD06-W	12-16	12-16	6247-SS-130815-05-05	8/15/2013	1.16	0.17	0.08	0.13	0.18	0.26	1.20	0.19	0.12	1.96	-	-	0.10	0.14	0.25	1.41	0.69	0.87	0.09	0.26
BD06-W	16-20	16-20	6247-SS-130815-05-06	8/15/2013	1.07	0.18	0.09	0.12	0.09	0.27	1.24	0.23	0.11	1.66	-	-	0.08	0.14	0.28	1.22	0.83	1.08	0.08	0.23
BD06-W	20-24	20-24	6247-SS-130815-05-07	8/15/2013	0.94	0.14	0.06	0.09	0.01	0.25	1.24	0.20	0.10	4.03	-	-	0.22	0.15	0.19	1.19	0.76	0.92	0.06	0.18
BD06-W	24-28	24-28	6247-SS-130815-05-08	8/15/2013	0.86	0.13	0.05	0.07	0.04	0.25	0.93	0.15	0.08	1.82	-	-	0.10	0.14	0.21	0.92	0.31	0.89	0.01	0.02
BD06-W	28-31	28-31	6247-SS-130815-05-09	8/15/2013	0.95	0.16	0.08	0.39	0.06	0.27	0.94	0.19	0.11	2.59	-	-	0.14	0.13	0.15	1.12	0.65	0.86	0.02	0.06
BD06-W	28-31	28-31	6247-SS-130815-05-10	8/15/2013	0.94	0.25	0.15	0.35	0.20	0.26	1.00	0.34	0.22	3.79	-	-	0.20	0.38	0.63	2.08	1.92	2.70	0.02	0.07
BD07-E	2-4	2-4	6136-SS-130810-04-01	8/10/2013	1.14	0.18	0.08	0.15	0.03	0.23	1.20	0.19	0.14	1.59	-	-	0.08	0.15	0.25	0.95	0.36	0.92	**NA**	0.25

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD07-E	4-8	4-8	6136-SS-130810-04-02	8/10/2013	0.73	0.24	0.26	0.18	0.07	0.23	1.17	0.40	0.27	2.98	-	-	0.16	0.35	0.54	1.24	0.66	1.73	0.04	0.12
BD07-E	8-12	8-12	6136-SS-130810-04-03	8/10/2013	0.96	0.15	0.08	0.07	0.04	0.24	1.09	0.17	0.08	0.60	-	-	0.02	0.03	0.25	1.89	0.78	0.88	0.03	0.09
BD07-E	12-16	12-16	6136-SS-130810-04-04	8/10/2013	1.08	0.17	0.06	-0.01	0.03	0.25	1.10	0.19	0.14	2.46	-	-	0.13	0.18	0.28	0.92	0.36	1.10	0.06	0.17
BD07-E	16-20	16-20	6136-SS-130810-04-05	8/10/2013	1.10	0.15	0.06	0.19	0.12	0.25	1.16	0.17	0.12	2.29	-	-	0.12	0.15	0.25	1.71	0.84	0.99	0.08	0.22
BD07-E	16-20	16-20	6136-SS-130810-04-06-FD	8/10/2013	1.15	0.17	0.08	0.21	0.05	0.30	1.26	0.22	0.11	1.75	-	-	0.08	0.13	0.27	1.98	0.87	0.99	0.11	0.29
BD07-E	20-24	20-24	6136-SS-130810-04-07	8/10/2013	1.14	0.17	0.07	-0.04	0.05	0.27	1.11	0.18	0.11	0.75	-	-	0.03	0.08	0.26	1.45	0.73	0.92	0.07	0.19
BD07-E	24-28	24-28	6136-SS-130810-04-08	8/10/2013	0.86	0.15	0.09	0.02	0.03	0.23	1.19	0.19	0.14	1.53	-	-	0.08	0.17	0.28	1.17	0.63	0.84	0.04	0.11
BD07-E	28-32	28-32	6136-SS-130810-04-09	8/10/2013	0.95	0.14	0.07	0.13	0.08	0.28	1.28	0.18	0.10	3.35	-	-	0.18	0.14	0.19	1.45	0.64	0.82	0.07	0.20
BD07-E	32-35	32-35	6136-SS-130810-04-10	8/10/2013	0.93	0.14	0.06	0.10	0.12	0.24	1.05	0.17	0.09	2.06	-	-	0.11	0.14	0.21	0.92	0.29	0.72	0.02	0.07
BD07-S	2-4	2-4	6134-SS-130810-04-01	8/10/2013	0.96	0.26	0.27	0.34	0.06	0.23	0.85	0.28	0.52	2.02	-	-	0.11	0.35	0.59	0.85	0.67	1.73	**NA**	0.06
BD07-S	4-8	4-8	6134-SS-130810-04-02	8/10/2013	1.60	0.59	0.50	0.28	0.04	0.22	1.15	0.70	1.12	1.32	-	-	-0.44	1.18	1.39	1.32	1.43	3.41	0.17	0.47
BD07-S	8-12	8-12	6134-SS-130810-04-03	8/10/2013	1.16	0.30	0.25	0.44	0.13	0.23	1.05	0.30	0.19	2.14	-	-	0.11	0.28	0.63	1.28	1.04	1.53	0.07	0.20
BD07-S	12-16	12-16	6134-SS-130810-04-04	8/10/2013	1.01	0.15	0.07	0.08	0.03	0.24	1.12	0.19	0.10	1.50	-	-	0.08	0.13	0.24	1.19	0.70	0.89	0.05	0.14
BD07-S	16-20	16-20	6134-SS-130810-04-05	8/10/2013	1.08	0.17	0.09	0.33	0.06	0.24	1.13	0.19	0.12	2.29	-	-	0.12	0.18	0.29	0.94	0.38	0.96	0.07	0.19
BD07-S	20-24	20-24	6134-SS-130810-04-06	8/10/2013	1.08	0.15	0.07	0.72	0.17	0.23	1.21	0.19	0.13	2.69	-	-	0.14	0.19	0.28	1.41	0.68	0.89	0.09	0.25
BD07-S	24-28	24-28	6134-SS-130810-04-07	8/10/2013	1.14	0.19	0.09	0.06	0.03	0.23	1.21	0.21	0.17	2.68	-	-	0.15	0.19	0.28	0.97	0.41	1.05	0.09	0.26
BD07-S	28-32	28-32	6134-SS-130810-04-08	8/10/2013	1.02	0.15	0.07	0.26	0.10	0.23	1.25	0.21	0.09	2.58	-	-	0.14	0.15	0.25	1.21	0.38	0.91	0.08	0.22
BD07-S	32-35	32-35	6134-SS-130810-04-09	8/10/2013	0.99	0.15	0.08	0.46	0.10	0.22	1.07	0.18	0.13	1.61	-	-	0.08	0.15	0.25	1.16	0.67	0.86	0.04	0.12
BD07-W	4-8	4-8	6137-SS-130810-04-01	8/10/2013	-0.51	2.44	3.09	0.34	0.04	0.29	-0.03	0.10	4.56	19.43	-	-	0.89	1.78	3.05	0.31	5.30	9.72	0.03	0.13
BD07-W	8-12	8-12	6137-SS-130810-04-02	8/10/2013	0.83	0.14	0.10	0.60	0.22	0.27	1.23	0.22	0.15	3.34	-	-	0.18	0.15	0.28	2.00	0.85	1.03	0.06	0.17
BD07-W	12-16	12-16	6137-SS-130810-04-03	8/10/2013	0.97	0.14	0.07	-0.03	0.01	0.26	1.17	0.17	0.09	2.78	-	-	0.15	0.16	0.24	0.93	0.35	0.87	0.05	0.15
BD07-W	16-20	16-20	6137-SS-130810-04-04	8/10/2013	0.82	0.13	0.10	-0.01	0.02	0.27	1.11	0.18	0.10	2.76	-	-	0.15	0.13	0.24	0.87	0.36	0.93	0.03	0.08
BD07-W	16-20	16-20	6137-SS-130810-04-05	8/10/2013	1.14	0.18	0.10	0.43	0.12	0.27	1.31	0.23	0.11	1.67	-	-	0.08	0.12	0.27	1.43	0.67	0.88	0.11	0.32
BD07-W	20-24	20-24	6137-SS-130810-04-06	8/10/2013	1.04	0.17	0.09	-0.05	0.02	0.31	1.34	0.22	0.09	0.26	-	-	0.01	0.20	0.33	2.03	0.87	1.05	0.10	0.26
BD07-W	24-28	24-28	6137-SS-130810-04-07	8/10/2013	1.02	0.15	0.07	-0.06	0.23	0.32	1.28	0.19	0.10	1.57	-	-	0.08	0.14	0.24	1.49	0.63	0.83	0.08	0.22
BD07-W	28-32	28-32	6137-SS-130810-04-08	8/10/2013	0.93	0.16	0.08	-0.01	0.06	0.26	1.14	0.19	0.09	2.65	-	-	0.14	0.17	0.28	1.52	0.79	1.00	0.04	0.11
BD07-W	32-35	32-35	6137-SS-130810-04-09	8/10/2013	0.80	0.12	0.05	0.02	0.09	0.24	0.94	0.15	0.10	2.69	-	-	0.14	0.10	0.16	1.42	0.70	0.81	0.01	0.03
BD07-N	2-4	2-4	6138-SS-130810-04-01	8/10/2013	1.09	0.18	0.09	0.32	0.10	0.27	1.18	0.22	0.13	2.94	-	-	0.16	0.17	0.29	1.56	0.86	1.07	**NA**	0.23
BD07-N	4-8	4-8	6138-SS-130810-04-02	8/10/2013	0.87	0.13	0.06	0.45	0.07	0.25	1.14	0.18	0.12	2.81	-	-	0.15	0.13	0.22	0.98	0.33	0.82	0.04	0.11
BD07-N	8-12	8-12	6138-SS-130810-04-03	8/10/2013	0.99	0.15	0.07	0.02	0.02	0.24	1.07	0.16	0.12	0.93	-	-	0.05	0.12	0.22	0.83	0.37	0.93	0.03	0.09
BD07-N	12-16	12-16	6138-SS-130810-04-04	8/10/2013	0.97	0.15	0.08	0.29	0.10	0.23	1.14	0.18	0.12	1.96	-	-	0.10	0.13	0.23	1.16	0.36	0.87	0.05	0.14
BD07-N	16-20	16-20	6138-SS-130810-04-05	8/10/2013	1.00	0.15	0.07	2.81	0.35	0.24	1.34	0.21	0.15	4.33	-	-	0.24	0.14	0.21	1.18	0.43	1.07	0.13	0.37

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD07-N	20-24	20-24	6138-SS-130810-04-06	8/10/2013	0.89	0.14	0.08	0.22	0.08	0.26	1.20	0.18	0.10	1.50	-	-	0.08	0.13	0.22	0.92	0.31	0.80	0.05	0.12
BD07-N	24-28	24-28	6138-SS-130810-04-07	8/10/2013	1.03	0.17	0.07	0.14	0.05	0.26	1.33	0.21	0.09	6.14	-	-	0.34	0.18	0.22	0.97	0.42	1.07	0.10	0.28
BD07-N	28-32	28-32	6138-SS-130810-04-08	8/10/2013	1.00	0.15	0.07	0.04	0.06	0.26	1.39	0.21	0.10	1.77	-	-	0.09	0.17	0.25	1.45	0.81	0.97	0.10	0.27
BD07-N	32-35	32-35	6138-SS-130810-04-09	8/10/2013	0.77	0.12	0.06	0.10	0.05	0.31	1.23	0.22	0.12	0.81	-	-	0.03	0.12	0.23	1.55	0.69	0.83	0.05	0.13
BD08-E	0-4	0-4	6175-SS-130813-05-01	8/13/2013	0.84	0.13	0.08	7.28	0.84	0.21	1.11	0.19	0.11	204	-	-	10.20	1.10	0.40	6.42	1.30	1.38	**NA**	**1.62**
BD08-E	4-8	4-8	6175-SS-130813-05-02	8/13/2013	1.14	0.18	0.08	0.44	0.04	0.23	0.98	0.19	0.19	2.94	-	-	0.15	0.18	0.30	1.92	0.81	1.00	0.06	0.17
BD08-E	8-12	8-12	6175-SS-130813-05-03	8/13/2013	0.98	0.16	0.09	0.03	0.08	0.25	1.44	0.25	0.12	5.82	-	-	0.32	0.20	0.26	1.60	0.86	1.05	0.11	0.31
BD08-E	12-16	12-16	6175-SS-130813-05-04	8/13/2013	1.28	0.18	0.09	0.18	0.12	0.26	1.25	0.21	0.11	36.27	-	-	1.87	0.34	0.29	1.56	0.48	1.06	0.17	0.56
BD08-S	0-4	0-4	6176-SS130813-05-01	8/13/2013	0.91	0.15	0.08	1.95	0.21	0.23	1.14	0.17	0.08	4.73	-	-	0.26	0.16	0.20	1.01	0.31	0.72	**NA**	0.19
BD08-S	4-8	4-8	6176-SS130813-05-02	8/13/2013	0.90	0.14	0.07	4.62	0.48	0.23	1.03	0.17	0.12	3.87	-	-	0.21	0.16	0.22	1.61	0.69	0.85	0.08	0.23
BD08-S	8-12	8-12	6176-SS130813-05-03	8/13/2013	0.88	0.16	0.10	18.20	1.90	0.22	1.09	0.19	0.12	5.96	-	-	0.33	0.20	0.23	1.76	0.88	1.06	0.27	0.82
BD08-S	12-16	12-16	6176-SS130813-05-04	8/13/2013	0.97	0.14	0.07	0.21	0.09	0.26	1.39	0.22	0.11	2.23	-	-	0.12	0.17	0.26	0.85	0.34	0.84	0.10	0.26
BD08-S	12-16	12-16	6176-SS130813-05-05	8/13/2013	1.10	0.17	0.07	4.46	0.52	0.23	1.11	0.20	0.15	3.34	-	-	0.18	0.18	0.24	0.78	0.39	1.11	0.12	0.36
BD08-S	16-20	16-20	6176-SS130813-05-06	8/13/2013	0.94	0.14	0.06	0.29	0.04	0.24	1.12	0.16	0.09	22.16	-	-	1.18	0.25	0.25	1.45	0.39	0.84	0.07	0.24
BD08-S	20-24	20-24	6176-SS130813-05-07	8/13/2013	1.15	0.18	0.09	1.87	0.33	0.23	1.36	0.20	0.10	18.68	-	-	1.01	0.25	0.25	1.58	0.48	1.10	0.17	0.51
BD08-S	24-28	24-28	6176-SS130813-05-08	8/13/2013	1.03	0.16	0.07	-0.04	0.06	0.26	1.08	0.22	0.12	8.64	-	-	0.48	0.21	0.24	1.44	0.68	0.89	0.05	0.17
BD08-S	28-32	28-32	6176-SS130813-05-09	8/13/2013	1.16	0.17	0.07	0.00	0.01	0.26	1.18	0.18	0.09	35.30	-	-	1.84	0.31	0.29	1.74	0.43	0.90	0.14	0.45
BD08-S	32-34	32-34	6176-SS130813-05-10	8/13/2013	0.89	0.16	0.08	2.81	0.32	0.23	1.17	0.26	0.16	183	-	-	8.14	0.94	0.43	2.25	0.75	1.56	0.32	**1.30**
BD08-N	0-4	0-4	6174-SS-130813-05-01	8/13/2013	0.97	0.14	0.06	9.95	1.08	0.24	1.07	0.16	0.09	7.88	-	-	0.43	0.17	0.20	2.20	0.82	0.95	**NA**	0.53
BD08-N	4-8	4-8	6174-SS-130813-05-02	8/13/2013	1.02	0.15	0.07	33.80	3.75	0.24	1.11	0.19	0.09	7.01	-	-	0.38	0.15	0.19	2.21	0.88	1.01	0.51	**1.52**
BD08-N	8-12	8-12	6174-SS-130813-05-03	8/13/2013	1.23	0.17	0.06	0.47	0.14	0.24	1.26	0.20	0.13	0.45	-	-	0.02	0.11	0.29	0.99	0.40	1.01	0.12	0.33
BD08-N	12-16	12-16	6174-SS-130813-05-04	8/13/2013	1.17	0.25	0.21	4.78	0.56	0.25	1.44	0.28	0.23	7.17	-	-	0.40	0.28	0.41	1.48	1.15	1.65	0.21	0.61
BD08-N	16-20	16-20	6174-SS-130813-05-05	8/13/2013	1.22	0.24	0.15	0.35	0.06	0.25	1.23	0.27	0.19	5.69	-	-	0.31	0.33	0.52	1.35	0.68	2.17	0.12	0.34
BD08-N	20-24	20-24	6174-SS-130813-05-06	8/13/2013	1.07	0.16	0.08	2.31	0.27	0.27	1.35	0.23	0.15	10.79	-	-	0.60	0.23	0.29	1.68	0.86	1.08	0.15	0.43
BD08-N	24-25	24-25	6174-SS-130813-05-07	8/13/2013	1.24	0.29	0.27	10.10	1.00	0.22	1.71	0.41	0.24	13.25	-	-	0.73	0.45	0.56	2.71	1.40	1.88	0.36	**1.03**
BD08-N	25-30	25-30	6174-SS-130813-05-08	8/13/2013	1.22	0.24	0.15	2.38	0.35	0.27	1.01	0.30	0.27	19.12	-	-	1.05	0.42	0.55	2.39	2.23	2.79	0.12	0.40
BD08-N	30-35	30-35	6174-SS-130813-05-09	8/13/2013	1.44	0.21	0.10	13.90	1.74	0.31	1.36	0.22	0.11	2.22	-	-	0.12	0.18	0.30	1.20	0.36	0.86	0.36	**1.04**
BD08-W	0-4	0-4	6177-SS-130813-05-01	8/13/2013	0.98	0.17	0.09	0.77	0.15	0.27	1.00	0.22	0.13	6.94	-	-	0.38	0.19	0.31	0.85	0.44	1.14	**NA**	0.12
BD08-W	4-8	4-8	6177-SS-130813-05-02	8/13/2013	1.05	0.16	0.08	14.30	1.77	0.28	1.15	0.17	0.11	20.73	-	-	1.13	0.23	0.26	2.09	0.81	0.99	0.28	0.86
BD08-W	8-12	8-12	6177-SS-130813-05-03	8/13/2013	1.12	0.16	0.07	1.80	0.45	0.36	1.20	0.20	0.09	25.33	-	-	1.38	0.24	0.26	2.52	0.85	0.99	0.14	0.46
BD08-W	12-16	12-16	6177-SS-130813-05-04	8/13/2013	1.33	0.18	0.06	1.48	0.19	0.28	1.16	0.20	0.12	17.02	-	-	0.93	0.21	0.22	1.78	0.85	1.07	0.16	0.48
BD08-W	16-20	16-20	6177-SS-130813-05-05	8/13/2013	1.11	0.18	0.10	0.04	0.08	0.28	1.30	0.24	0.14	1.73	-	-	0.08	0.15	0.25	2.05	0.96	1.08	0.10	0.28

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD08-W	20-24	20-24	6177-SS-130813-05-06	8/13/2013	1.13	0.17	0.09	0.07	0.24	0.34	1.22	0.19	0.15	2.12	-	-	0.11	0.12	0.19	1.52	0.80	1.00	0.09	0.26
BD08-W	24-28	24-28	6177-SS-130813-05-07	8/13/2013	1.21	0.18	0.10	1.95	0.22	0.27	1.20	0.23	0.15	2.61	-	-	0.14	0.18	0.31	0.97	0.39	1.19	0.13	0.36
BD08-W	28-32	28-32	6177-SS-130813-05-08	8/13/2013	0.90	0.16	0.09	-0.01	0.09	0.30	1.15	0.18	0.10	2.16	-	-	0.11	0.15	0.23	1.27	0.76	0.98	0.03	0.10
BD08-W	32-35	32-35	6177-SS-130813-05-09	8/13/2013	1.30	0.24	0.13	5.12	1.15	0.31	1.31	0.24	0.16	41.76	-	-	2.19	0.48	0.57	2.20	1.81	2.22	0.27	0.84
BD13-E	2-4	2-4	5916-SS-130728-05-01	7/27/2013	0.91	0.14	0.07	0.23	0.08	0.23	1.07	0.16	0.09	1.73	-	-	0.09	0.14	0.22	1.10	0.34	0.83	**NA**	0.07
BD13-E	4-8	4-8	5916-SS-130728-05-02	7/27/2013	0.87	0.14	0.07	0.19	0.04	0.23	1.18	0.18	0.13	3.16	-	-	0.16	0.14	0.21	2.35	0.88	1.00	0.05	0.13
BD13-E	8-12	8-12	5916-SS-130728-05-03	7/27/2013	0.96	0.15	0.06	0.30	0.06	0.24	1.20	0.19	0.12	2.02	-	-	0.11	0.19	0.33	1.06	0.57	2.15	0.06	0.16
BD13-E	12-16	12-16	5916-SS-130728-05-04	7/27/2013	0.94	0.13	0.06	0.89	0.12	0.24	0.94	0.14	0.09	2.12	-	-	0.11	0.11	0.21	1.26	0.63	0.77	0.03	0.08
BD13-E	16-20	16-20	5916-SS-130728-05-05	7/27/2013	0.71	0.11	0.08	0.08	0.02	0.24	1.08	0.17	0.09	1.26	-	-	0.07	0.11	0.19	0.80	0.31	0.79	0.02	0.06
BD13-E	20-24	20-24	5916-SS-130728-05-06	7/27/2013	0.88	0.14	0.08	0.14	0.13	0.24	1.09	0.18	0.13	0.76	-	-	0.04	0.14	0.24	0.84	0.29	0.72	0.02	0.06
BD13-E	24-26	24-26	5916-SS-130728-05-07	7/27/2013	0.96	0.14	0.07	0.40	0.05	0.23	1.11	0.17	0.08	1.20	-	-	0.06	0.10	0.23	0.81	0.29	0.72	0.04	0.12
BD13-E	28-30	28-30	5916-SS-130728-05-08	7/27/2013	0.84	0.12	0.06	0.31	0.10	0.23	1.10	0.16	0.10	2.05	-	-	0.11	0.13	0.23	1.11	0.65	0.82	0.03	0.08
BD13-W	2-4	2-4	5912-SS-130727-05-01	7/27/2013	0.98	0.16	0.08	0.37	0.09	0.24	1.37	0.24	0.12	1.21	-	-	0.06	0.17	0.29	0.96	0.39	1.15	**NA**	0.25
BD13-W	4-8	4-8	5912-SS-130727-05-02	7/27/2013	1.10	0.19	0.11	0.32	0.05	0.24	1.35	0.24	0.13	2.70	-	-	0.15	0.15	0.20	0.84	0.38	0.94	0.11	0.31
BD13-W	4-8	4-8	5912-SS-130727-05-03	7/27/2013	0.98	0.14	0.06	0.14	0.06	0.24	1.10	0.20	0.12	1.43	-	-	0.07	0.13	0.25	1.35	0.75	0.89	0.04	0.11
BD13-W	8-12	8-12	5912-SS-130727-05-04	7/27/2013	0.98	0.15	0.07	0.19	0.03	0.25	1.19	0.21	0.09	1.21	-	-	0.06	0.13	0.22	1.15	0.36	0.87	0.06	0.16
BD13-W	12-16	12-16	5912-SS-130727-05-05	7/27/2013	0.89	0.14	0.07	0.29	0.04	0.24	1.10	0.19	0.15	2.38	-	-	0.13	0.15	0.28	1.37	0.86	1.02	0.03	0.08
BD13-W	16-20	16-20	5912-SS-130727-05-06	7/27/2013	0.89	0.13	0.06	0.16	0.09	0.25	0.95	0.15	0.11	2.58	-	-	0.14	0.14	0.21	0.88	0.31	0.78	0.01	0.03
BD13-W	20-24	20-24	5912-SS-130727-05-07	7/27/2013	1.04	0.16	0.06	0.43	0.11	0.25	1.39	0.24	0.08	1.71	-	-	0.09	0.16	0.28	1.26	0.76	1.00	0.11	0.30
BD13-W	24-26	24-26	5912-SS-130727-05-08	7/27/2013	0.98	0.14	0.07	0.39	0.07	0.27	1.26	0.18	0.08	1.67	-	-	0.08	0.12	0.24	1.77	0.75	0.89	0.08	0.21
BD13-W	26-28	26-28	5912-SS-130727-05-09	7/27/2013	0.96	0.14	0.07	0.02	0.08	0.28	1.21	0.17	0.14	0.89	-	-	0.04	0.17	0.26	1.14	0.73	0.90	0.06	0.15
BD13-W	28-31	28-31	5912-SS-130727-05-10	7/27/2013	0.87	0.14	0.07	0.00	0.13	0.27	1.04	0.15	0.07	1.44	-	-	0.07	0.13	0.24	1.02	0.34	0.82	0.01	0.03
BD13-N	2-4	2-4	5915-SS-130728-05-01	7/27/2013	1.04	0.15	0.08	0.27	0.26	0.28	1.28	0.20	0.18	0.60	-	-	0.02	0.04	0.30	1.71	0.74	0.93	**NA**	0.24
BD13-N	4-8	4-8	5915-SS-130728-05-02	7/27/2013	1.00	0.15	0.07	0.24	0.11	0.27	1.25	0.19	0.08	1.80	-	-	0.09	0.15	0.25	1.79	0.82	0.95	0.08	0.21
BD13-N	8-12	8-12	5915-SS-130728-05-03	7/27/2013	0.95	0.15	0.08	0.10	0.07	0.26	1.01	0.17	0.10	2.33	-	-	0.12	0.14	0.23	1.30	0.69	0.89	0.02	0.06
BD13-N	12-16	12-16	5915-SS-130728-05-04	7/27/2013	0.96	0.16	0.09	0.11	0.08	0.25	1.08	0.18	0.12	2.08	-	-	0.11	0.18	0.28	1.71	0.79	0.95	0.03	0.10
BD13-N	16-20	16-20	5915-SS-130728-05-05	7/27/2013	1.11	0.28	0.26	0.15	0.06	0.25	1.81	0.42	0.34	3.35	-	-	0.18	0.33	0.61	1.78	1.44	2.04	0.20	0.55
BD13-N	20-24	20-24	5915-SS-130728-05-06	7/27/2013	1.01	0.17	0.09	0.12	0.09	0.25	1.13	0.21	0.17	1.47	-	-	0.07	0.19	0.32	1.51	0.86	1.10	0.05	0.15
BD13-N	20-24	20-24	5915-SS-130728-05-07	7/27/2013	1.00	0.15	0.07	0.12	0.13	0.27	1.21	0.19	0.08	1.77	-	-	0.09	0.14	0.26	1.46	0.85	1.01	0.07	0.18
BD13-N	24-26	24-26	5915-SS-130728-05-08	7/27/2013	0.93	0.14	0.08	0.23	0.11	0.26	1.23	0.19	0.13	2.46	-	-	0.13	0.15	0.26	1.61	0.78	0.91	0.06	0.16
BD13-N	26-28	26-28	5915-SS-130728-05-09	7/27/2013	0.90	0.20	0.17	0.08	0.02	0.25	1.21	0.29	0.16	6.73	-	-	0.37	0.24	0.32	1.87	1.39	1.95	0.05	0.16
BD13-N	28-31	28-31	5915-SS-130728-05-10	7/27/2013	0.94	0.15	0.08	1.59	0.28	0.31	1.07	0.17	0.14	4.12	-	-	0.22	0.16	0.21	1.51	0.67	0.85	0.05	0.15

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BD13-S	2-4	2-4	5913-SS-130727-05-01	7/27/2013	0.86	0.14	0.07	0.05	0.07	0.24	0.98	0.18	0.10	1.35	-	-	0.07	0.13	0.21	1.26	0.57	0.78	**NA**	0.02
BD13-S	4-8	4-8	5913-SS-130727-05-02	7/27/2013	0.86	0.13	0.07	0.28	0.06	0.23	1.08	0.18	0.11	0.89	-	-	0.04	0.15	0.24	1.27	0.76	0.93	0.02	0.06
BD13-S	8-12	8-12	5913-SS-130727-05-03	7/27/2013	0.93	0.14	0.06	0.25	0.05	0.24	1.07	0.19	0.10	3.17	-	-	0.17	0.13	0.16	1.08	0.57	0.76	0.03	0.09
BD13-S	12-14	12-14	5913-SS-130727-05-04	7/27/2013	0.95	0.16	0.09	0.29	0.08	0.23	1.22	0.22	0.07	1.44	-	-	0.07	0.12	0.24	1.67	0.76	0.93	0.06	0.17
BD13-S	16-18	16-18	5913-SS-130727-05-05	7/27/2013	0.96	0.16	0.07	0.22	0.03	0.24	1.18	0.19	0.14	2.04	-	-	0.11	0.20	0.30	1.26	0.76	1.00	0.05	0.15
BD13-S	20-23	20-23	5913-SS-130727-05-06	7/27/2013	0.95	0.15	0.08	0.25	0.16	0.27	1.30	0.19	0.11	1.49	-	-	0.07	0.16	0.26	1.80	0.77	0.94	0.08	0.21
BD13-S	24-26	24-26	5913-SS-130727-05-07	7/27/2013	0.78	0.18	0.14	0.12	0.06	0.28	1.47	0.31	0.09	1.34	-	-	0.06	0.28	0.52	1.41	0.68	2.31	0.10	0.26
BD13-S	28-31	28-31	5913-SS-130727-05-08	7/27/2013	0.75	0.12	0.07	0.27	0.10	0.25	1.11	0.16	0.11	1.85	-	-	0.09	0.12	0.23	1.50	0.72	0.87	0.03	0.09
BP17-N	0-4	0-4	6015-SS-130802-05-01	8/2/2013	1.06	0.27	0.21	0.77	0.14	0.23	0.66	0.33	0.43	20.47	-	-	1.12	0.57	0.64	2.30	2.30	3.04	**NA**	0.26
BP17-N	4-8	4-8	6015-SS-130802-05-02	8/2/2013	1.36	0.23	0.12	5.47	0.79	0.23	1.57	0.27	0.21	6.20	-	-	0.33	0.26	0.41	2.94	1.47	1.85	0.28	0.80
BP17-N	8-12	8-12	6015-SS-130802-05-03	8/2/2013	0.91	0.16	0.09	44.30	4.38	0.22	1.08	0.18	0.04	1.43	-	-	0.07	0.17	0.27	1.46	0.81	0.98	0.62	**1.83**
BP17-N	12-16	12-16	6015-SS-130802-05-04	8/2/2013	0.98	0.15	0.07	5.10	0.56	0.30	1.01	0.15	0.11	2.46	-	-	0.13	0.10	0.18	1.53	0.84	0.98	0.09	0.27
BP17-N	16-20	16-20	6015-SS-130802-05-05	8/2/2013	0.94	0.15	0.06	0.56	0.15	0.26	1.19	0.19	0.12	0.97	-	-	0.04	0.13	0.28	1.36	0.76	0.96	0.06	0.15
BP17-N	20-24	20-24	6015-SS-130802-05-06	8/2/2013	1.14	0.31	0.20	0.44	0.15	0.25	1.18	0.37	0.56	1.81	-	-	-0.09	767	0.73	1.81	0.99	3.11	0.09	0.25
BP17-N	24-28	24-28	6015-SS-130802-05-07	8/2/2013	1.06	0.16	0.08	8.13	0.88	0.25	1.20	0.20	0.11	1.17	-	-	0.06	0.15	0.26	0.87	0.34	0.88	0.18	0.52
BP17-N	28-30	28-30	6015-SS-130802-05-08	8/2/2013	1.02	0.16	0.08	2.23	0.36	0.26	0.96	0.15	0.14	2.54	-	-	0.14	0.17	0.27	1.06	0.35	0.87	0.06	0.17
BP17-W	0-4	0-4	6016-SS-130802-05-01	8/2/2013	0.73	0.12	0.07	1.13	0.19	0.23	1.10	0.16	0.09	4.20	-	-	0.23	0.16	0.21	1.58	0.75	0.89	**NA**	0.13
BP17-W	4-8	4-8	6016-SS-130802-05-02	8/2/2013	0.81	0.12	0.06	14.70	1.61	0.22	0.99	0.17	0.09	3.43	-	-	0.19	0.14	0.24	1.33	0.64	0.81	0.21	0.61
BP17-W	8-12	8-12	6016-SS-130802-05-03	8/2/2013	0.80	0.14	0.07	3.00	0.54	0.23	0.86	0.18	0.11	1.84	-	-	0.10	0.13	0.22	0.83	0.31	0.80	0.04	0.14
BP17-W	12-16	12-16	6016-SS-130802-05-04	8/2/2013	0.81	0.13	0.07	4.30	0.43	0.23	0.91	0.17	0.12	3.10	-	-	0.17	0.18	0.22	0.94	0.34	0.84	0.06	0.20
BP17-W	16-20	16-20	6016-SS-130802-05-05	8/2/2013	0.75	0.13	0.08	3.14	0.34	0.25	1.17	0.17	0.12	1.70	-	-	0.09	0.14	0.24	1.00	0.66	0.86	0.08	0.23
BP17-W	20-24	20-24	6016-SS-130802-05-06	8/2/2013	0.63	0.16	0.16	0.32	0.08	0.25	1.32	0.30	0.14	2.81	-	-	0.15	0.25	0.49	1.47	1.39	2.25	0.07	0.20
BP17-W	20-24	20-24	6016-SS-130802-05-07	8/2/2013	0.80	0.15	0.08	0.32	0.09	0.26	1.22	0.21	0.13	1.98	-	-	0.10	0.16	0.29	1.43	0.89	1.12	0.05	0.14
BP17-W	24-28	24-28	6016-SS-130802-05-08	8/2/2013	0.70	0.11	0.06	0.49	0.10	0.24	1.11	0.17	0.08	1.32	-	-	0.07	0.16	0.22	0.78	0.31	0.79	0.03	0.09
BP17-W	28-30	28-30	6016-SS-130802-05-09	8/2/2013	0.61	0.12	0.08	4.25	0.60	0.23	0.98	0.16	0.12	1.69	-	-	0.09	0.13	0.22	0.77	0.34	0.86	0.06	0.18
BP17-E	0-4	0-4	6018-SS-130802-05-01	8/2/2013	0.85	0.23	0.20	1.04	0.13	0.23	1.04	0.23	0.25	33.97	-	-	1.81	0.56	0.62	2.24	1.04	2.67	**NA**	0.28
BP17-E	4-8	4-8	6018-SS-130802-05-02	8/2/2013	1.18	0.18	0.07	12.50	1.29	0.23	0.77	0.17	0.12	7.44	-	-	0.41	0.21	0.25	1.58	0.83	1.00	0.23	0.70
BP17-E	8-12	8-12	6018-SS-130802-05-03	8/2/2013	0.91	0.15	0.09	4.12	0.53	0.22	1.08	0.19	0.08	7.43	-	-	0.41	0.19	0.25	0.92	0.37	0.92	0.08	0.26
BP17-E	12-16	12-16	6018-SS-130802-05-04	8/2/2013	1.19	0.28	0.22	4.46	0.79	0.24	1.29	0.32	0.14	5.89	-	-	0.32	0.35	0.60	2.32	2.22	2.95	0.18	0.53
BP17-E	16-20	16-20	6018-SS-130802-05-05	8/2/2013	0.89	0.14	0.07	0.81	0.10	0.22	1.10	0.16	0.08	2.58	-	-	0.14	0.15	0.24	1.44	0.62	0.82	0.04	0.11
BP17-E	20-24	20-24	6018-SS-130802-05-06	8/2/2013	0.84	0.14	0.08	0.21	0.06	0.25	1.10	0.18	0.10	1.71	-	-	0.09	0.12	0.20	0.66	0.36	1.08	0.03	0.07
BP17-E	24-28	24-28	6018-SS-130802-05-07	8/2/2013	0.92	0.14	0.07	15.90	2.04	0.24	1.14	0.19	0.12	4.31	-	-	0.24	0.15	0.20	1.12	0.33	0.87	0.25	0.75

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BP17-E	28-30	28-30	6018-SS-130802-05-08	8/2/2013	0.79	0.14	0.08	59.60	6.50	0.24	0.76	0.18	0.12	2.57	-	-	0.14	0.11	0.17	0.77	0.33	0.81	0.81	**2.39**
BP17-S	0-4	0-4	6019-SS-130802-05-01	8/2/2013	0.77	0.12	0.07	2.11	0.32	0.23	1.00	0.15	0.11	19.10	-	-	1.02	0.21	0.26	1.30	0.37	0.83	**NA**	0.21
BP17-S	4-8	4-8	6019-SS-130802-05-02	8/2/2013	0.83	0.13	0.06	33.80	4.22	0.23	1.00	0.15	0.09	3.39	-	-	0.18	0.15	0.23	1.76	0.72	0.86	0.46	**1.38**
BP17-S	8-12	8-12	6019-SS-130802-05-03	8/2/2013	0.59	0.09	0.07	3.67	0.52	0.23	0.79	0.14	0.09	1.43	-	-	0.07	0.12	0.21	0.90	0.57	0.74	0.05	0.16
BP17-S	12-16	12-16	6019-SS-130802-05-04	8/2/2013	0.56	0.12	0.08	3.76	0.41	0.24	1.00	0.17	0.09	1.03	-	-	0.05	0.11	0.20	0.68	0.32	0.81	0.05	0.16
BP17-S	16-20	16-20	6019-SS-130802-05-05	8/2/2013	0.72	0.13	0.08	0.28	0.03	0.24	0.94	0.15	0.07	2.00	-	-	0.11	0.14	0.25	1.05	0.67	0.86	0.01	0.03
BP17-S	20-24	20-24	6019-SS-130802-05-06	8/2/2013	0.69	0.11	0.05	2.96	0.40	0.23	1.10	0.17	0.10	1.80	-	-	0.09	0.12	0.22	1.46	0.74	0.89	0.06	0.19
BP17-S	24-28	24-28	6019-SS-130802-05-07	8/2/2013	0.83	0.24	0.11	4.51	0.55	0.24	0.86	0.44	0.56	5.00	-	-	0.26	0.44	0.72	3.57	2.20	2.90	0.07	0.23
BP17-S	24-28	24-28	6019-SS-130802-05-08	8/2/2013	0.85	0.22	0.18	4.88	0.74	0.26	0.77	0.25	0.40	4.73	-	-	0.26	0.30	0.49	0.61	0.64	2.68	0.07	0.23
BP17-S	28-30	28-30	6019-SS-130802-05-09	8/2/2013	0.69	0.14	0.08	2.19	0.49	0.26	0.99	0.22	0.13	3.21	-	-	0.18	0.17	0.28	1.12	0.77	0.98	0.04	0.11
BP17-1	0 - 4	0.5 - 4.5	6730-SS-131002-05-01	10/2/2013	0.94	0.16	0.08	1.05	0.11	0.22	0.91	0.21	0.14	14.97	-	-	0.81	0.23	0.23	1.39	0.42	0.98	**NA**	0.16
BP17-1	4 - 4.5	4.5 - 5.0	6730-SS-131002-05-02	10/2/2013	**	**	**	4.32	0.46	0.22	**	**	**	0.00	-	-	**	**	**	**	**	**	0.06	0.17
BP17-1	8 - 9	8.5 - 9.5	6730-SS-131002-05-03	10/2/2013	**	**	**	1.36	0.21	0.23	**	**	**	0.00	-	-	**	**	**	**	**	**	0.02	0.05
BP17-1	12 - 12.5	12.5 - 13.0	6730-SS-131002-05-04	10/2/2013	**	**	**	3.80	0.58	0.22	**	**	**	0.00	-	-	**	**	**	**	**	**	0.05	0.15
BP17-1	16 - 20	16.5 - 20.5	6730-SS-131002-05-05	10/2/2013	0.87	0.13	0.07	0.57	0.08	0.27	1.25	0.22	0.12	2.29	-	-	0.13	0.14	0.25	0.78	0.31	1.07	0.06	0.17
BP17-1	20 - 24	20.5 - 24.5	6730-SS-131002-05-06	10/2/2013	0.74	0.12	0.07	0.84	0.25	0.23	1.16	0.18	0.11	3.01	-	-	0.16	0.13	0.18	1.44	0.73	0.88	0.05	0.14
BP17-1	24 - 27	24.5 - 27.5	6730-SS-131002-05-07	10/2/2013	0.81	0.14	0.07	2.40	0.40	0.23	1.22	0.19	0.09	1.60	-	-	0.08	0.12	0.24	1.01	0.38	0.99	0.08	0.22
BP17-1	24 - 27	24.5 - 27.5	6730-SS-131002-05-08	10/2/2013	0.76	0.16	0.11	1.48	0.16	0.24	1.13	0.22	0.09	2.61	-	-	0.14	0.21	0.32	1.29	0.88	1.07	0.05	0.15
BP17-1	27 - 29.5	27.5 - 30.0	6730-SS-131002-05-09	10/2/2013	0.87	0.14	0.07	0.11	0.08	0.23	1.07	0.16	0.10	2.13	-	-	0.12	0.13	0.22	0.77	0.35	0.94	0.02	0.06
BP17-1	29.5 - 31.5	30.0 - 32.0	6730-SS-131002-05-10	10/2/2013	0.72	0.11	0.06	-0.02	0.02	0.24	0.97	0.16	0.10	2.69	-	-	0.14	0.13	0.18	1.55	0.63	0.78	0.01	0.03
BP17-2	0 - 4	0.8 - 4.8	6729-SS-131002-05-01	10/2/2013	0.76	0.13	0.08	2.87	0.37	0.22	1.03	0.17	0.12	8.35	-	-	0.46	0.17	0.20	1.37	0.41	0.97	**NA**	0.19
BP17-2	4 - 6	4.8 - 6.8	6729-SS-131002-05-02	10/2/2013	0.76	0.13	0.07	6.17	0.72	0.22	1.18	0.21	0.14	7.25	-	-	0.40	0.16	0.21	1.93	0.84	0.99	0.13	0.39
BP17-2	8 - 12	8.8 - 12.8	6729-SS-131002-05-03	10/2/2013	0.73	0.12	0.07	4.56	0.54	0.22	0.89	0.14	0.07	1.64	-	-	0.08	0.12	0.20	1.42	0.59	0.71	0.07	0.20
BP17-2	12 - 16	12.8 - 16.8	6729-SS-131002-05-04	10/2/2013	0.86	0.15	0.08	0.45	0.05	0.25	1.29	0.23	0.13	0.87	-	-	0.04	0.18	0.31	0.89	0.36	0.91	0.06	0.17
BP17-2	16 - 20	16.8 - 20.8	6729-SS-131002-05-05	10/2/2013	0.67	0.11	0.06	0.43	0.08	0.27	1.32	0.20	0.09	3.11	-	-	0.17	0.13	0.18	1.64	0.73	0.87	0.07	0.21
BP17-2	20 - 24	20.8 - 24.8	6729-SS-131002-05-06	10/2/2013	0.80	0.13	0.06	0.52	0.05	0.28	1.03	0.19	0.11	1.74	-	-	0.09	0.12	0.23	1.09	0.67	0.89	0.02	0.05
BP17-2	24 - 27	24.8 - 27.8	6729-SS-131002-05-07	10/2/2013	0.82	0.12	0.06	0.56	0.14	0.25	1.04	0.16	0.08	1.61	-	-	0.08	0.14	0.23	1.51	0.71	0.85	0.02	0.06
BP17-2	28 - 29	28.8 - 29.8	6729-SS-131002-05-08	10/2/2013	0.84	0.15	0.08	0.66	0.14	0.25	1.24	0.20	0.11	4.07	-	-	0.22	0.14	0.18	1.79	0.77	0.92	0.06	0.18
BP17-2	29 - 31	29.8 - 31.8	6729-SS-131002-05-09	10/2/2013	0.75	0.13	0.08	0.97	0.13	0.25	0.89	0.17	0.15	1.90	-	-	0.10	0.17	0.28	0.87	0.64	0.88	0.02	0.06
BP17-3	0 - 4	0.5 - 4.5	6731-SS-131002-05-01	10/2/2013	0.78	0.12	0.07	1.51	0.28	0.22	1.05	0.15	0.10	8.74	-	-	0.48	0.17	0.19	1.75	0.80	0.93	**NA**	0.15
BP17-3	4 - 8	4.5 - 8.5	6731-SS-131002-05-02	10/2/2013	0.82	0.12	0.06	16.10	1.63	0.21	1.04	0.16	0.10	4.34	-	-	0.23	0.12	0.18	1.86	0.71	0.85	0.23	0.70
BP17-3	8 - 12	8.5 - 12.5	6731-SS-131002-05-03	10/2/2013	0.80	0.12	0.05	4.40	0.59	0.23	0.98	0.16	0.12	1.81	-	-	0.09	0.13	0.21	1.38	0.65	0.82	0.06	0.19

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
BP17-3	12 - 16	12.5 - 16.5	6731-SS-131002-05-04	10/2/2013	0.75	0.12	0.05	1.23	0.22	0.23	0.91	0.15	0.06	2.02	-	-	0.10	0.14	0.23	1.54	0.74	0.84	0.02	0.07
BP17-3	16 - 20	16.5 - 20.5	6731-SS-131002-05-05	10/2/2013	0.87	0.13	0.07	1.80	0.20	0.24	1.31	0.18	0.11	1.65	-	-	0.09	0.10	0.20	0.54	0.31	0.82	0.09	0.24
BP17-3	20 - 24	20.5 - 24.5	6731-SS-131002-05-06	10/2/2013	0.80	0.12	0.07	0.27	0.14	0.24	1.17	0.17	0.09	3.09	-	-	0.17	0.13	0.17	1.36	0.73	0.88	0.04	0.12
BP17-3	24 - 27	24.5 - 27.5	6731-SS-131002-05-07	10/2/2013	0.78	0.13	0.07	-0.02	0.04	0.25	1.07	0.16	0.09	0.71	-	-	0.03	0.11	0.22	0.98	0.55	0.74	0.02	0.05
BP17-3	27 - 29.5	27.5 - 30	6731-SS-131002-05-08	10/2/2013	0.78	0.12	0.07	0.06	0.05	0.23	1.28	0.19	0.11	1.98	-	-	0.11	0.16	0.27	0.78	0.33	0.81	0.06	0.16
BP17-3	29.5 - 31	30.0 - 31.5	6731-SS-131002-05-09	10/2/2013	0.59	0.10	0.05	0.21	0.09	0.22	0.71	0.13	0.10	1.77	-	-	0.09	0.12	0.19	1.28	0.55	0.70	0.01	0.03
BP17-4	0 - 4	9.2 - 13.2	6748-SS-131003-05-01	10/3/2013	0.67	0.12	0.07	6.63	1.09	0.22	0.92	0.15	0.06	1.27	-	-	0.07	0.13	0.23	0.70	0.30	0.82	**NA**	0.28
BP17-4	4 - 4.5	13.2- 13.7	6748-SS-131003-05-02	10/3/2013	0.68	0.18	0.17	1.18	0.16	0.23	0.78	0.20	0.08	0.82	-	-	0.04	0.25	0.44	0.87	0.97	1.38	0.02	0.06
BP17-4	8 - 12	17.2 - 21.2	6748-SS-131003-05-03	10/3/2013	1.00	0.15	0.07	0.18	0.11	0.28	1.33	0.22	0.09	2.00	-	-	0.10	0.15	0.26	1.23	0.70	0.88	0.09	0.24
BP17-4	8 - 12	17.2 - 21.2	6748-SS-131003-05-04	10/3/2013	1.19	0.18	0.08	0.35	0.07	0.21	1.33	0.24	0.09	2.47	-	-	0.14	0.17	0.28	0.84	0.62	0.90	0.13	0.35
BP17-4	12 - 16	21.2 - 25.2	6748-SS-131003-05-05	10/3/2013	0.85	0.15	0.08	-0.04	0.03	0.26	1.12	0.19	0.16	0.88	-	-	0.04	0.13	0.26	0.94	0.37	1.00	0.03	0.07
BP17-4	16 - 18.5	25.2 -27.7	6748-SS-131003-05-06	10/3/2013	0.89	0.13	0.06	0.58	0.23	0.27	1.22	0.18	0.11	1.34	-	-	0.06	0.14	0.23	1.49	0.72	0.86	0.05	0.15
BP17-4	18.5 - 21.0	27.7 - 30.2	6748-SS-131003-05-07	10/3/2013	0.92	0.14	0.05	3.84	0.47	0.27	1.17	0.17	0.15	1.80	-	-	0.10	0.14	0.24	0.71	0.35	0.95	0.09	0.26
BP17-4	21 - 23.5	30.2 - 32.7	6748-SS-131003-05-08	10/3/2013	0.64	0.12	0.07	-0.01	0.05	0.24	0.86	0.14	0.07	1.83	-	-	0.09	0.12	0.16	1.51	0.74	0.84	0.01	0.02
BP17-5	0 - 4	5.6 - 9.6	6736-SS-131002-05-01	10/2/2013	0.62	0.11	0.09	0.30	0.12	0.23	0.94	0.15	0.08	7.38	-	-	0.41	0.19	0.21	1.68	0.76	0.88	**NA**	0.07
BP17-5	4 - 8	9.6 - 13.6	6736-SS-131002-05-02	10/2/2013	0.59	0.15	0.13	16.90	1.72	0.22	0.77	0.18	0.13	8.23	-	-	0.45	0.30	0.37	1.86	1.57	2.00	0.24	0.74
BP17-5	8 - 12	13.6 - 17.6	6736-SS-131002-05-03	10/2/2013	1.09	0.18	0.09	0.34	0.09	0.26	1.45	0.22	0.14	4.06	-	-	0.22	0.19	0.23	0.93	0.67	0.92	0.13	0.37
BP17-5	12 - 16	17.6 - 21.6	6736-SS-131002-05-04	10/2/2013	0.91	0.16	0.09	0.27	0.10	0.28	1.24	0.20	0.13	5.12	-	-	0.28	0.16	0.20	1.83	0.89	1.02	0.06	0.18
BP17-5	16 - 20	21.6 - 25.6	6736-SS-131002-05-05	10/3/2013	0.80	0.12	0.07	33.10	4.54	0.28	1.10	0.18	0.08	4.75	-	-	0.26	0.15	0.20	1.49	0.63	0.81	0.48	**1.41**
BP17-5	20 - 24	25.6 - 29.6	6736-SS-131002-05-06	10/3/2013	0.97	0.16	0.09	2.36	0.41	0.29	1.26	0.20	0.11	2.04	-	-	0.11	0.15	0.25	1.41	0.77	0.98	0.10	0.28
BP17-5	24 - 26	29.6 - 31.6	6736-SS-131002-05-07	10/3/2013	0.81	0.13	0.06	2.45	0.80	0.28	0.99	0.15	0.10	2.01	-	-	0.11	0.11	0.21	1.09	0.33	0.80	0.04	0.12
BP17-6	0 - 4	0.6 - 4.6	6735-SS-131002-05-01	10/2/2013	0.76	0.13	0.08	1.15	0.15	0.22	1.01	0.17	0.15	3.88	-	-	0.21	0.13	0.20	1.87	0.82	0.95	**NA**	0.09
BP17-6	4 - 8	4.6 - 8.6	6735-SS-131002-05-02	10/2/2013	0.77	0.12	0.06	4.48	0.60	0.23	1.01	0.16	0.08	7.22	-	-	0.40	0.15	0.18	2.17	0.68	0.82	0.08	0.24
BP17-6	8 - 12	8.6 - 12.6	6735-SS-131002-05-03	10/2/2013	0.80	0.13	0.07	7.72	0.98	0.22	0.98	0.20	0.10	4.15	-	-	0.23	0.15	0.20	1.13	0.70	0.90	0.11	0.34
BP17-6	12 - 16	12.6 - 16.6	6735-SS-131002-05-04	10/2/2013	0.83	0.13	0.06	0.95	0.12	0.26	1.02	0.16	0.08	0.66	-	-	0.02	0.12	0.20	1.35	0.59	0.76	0.02	0.06
BP17-6	16 - 20	16.6 - 20.6	6735-SS-131002-05-05	10/2/2013	0.88	0.13	0.07	0.26	0.05	0.26	1.23	0.19	0.10	1.70	-	-	0.09	0.12	0.21	1.21	0.67	0.86	0.05	0.14
BP17-6	20 - 24	20.6 - 24.6	6735-SS-131002-05-06	10/2/2013	0.72	0.13	0.08	0.44	0.11	0.25	1.05	0.19	0.12	1.06	-	-	0.05	0.12	0.23	0.87	0.32	0.82	0.02	0.05
BP17-6	24 - 27	24.6 - 27.6	6735-SS-131002-05-07	10/2/2013	0.69	0.17	0.14	1.89	0.27	0.23	1.32	0.26	0.09	1.07	-	-	0.05	0.13	0.51	0.93	0.65	2.20	0.09	0.25
BP17-6	24 - 27	24.6 - 27.6	6735-SS-131002-05-08	10/2/2013	0.86	0.19	0.12	1.15	0.28	0.26	1.19	0.30	0.25	0.28	-	-	0.01	0.27	0.49	0.71	0.65	1.89	0.05	0.15
BP17-6	27 - 29.5	27.6 - 30.1	6735-SS-131002-05-09	10/2/2013	0.76	0.13	0.07	0.36	0.04	0.26	1.09	0.18	0.12	4.80	-	-	0.26	0.16	0.19	1.30	0.85	1.02	0.03	0.10
BP17-6	29.5 - 31.5	30.1 - 32.1	6735-SS-131002-05-10	10/2/2013	0.62	0.10	0.05	1.17	0.27	0.23	0.97	0.16	0.10	1.81	-	-	0.10	0.13	0.19	0.94	0.61	0.79	0.02	0.06

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
DM-02E	2-4	2-4	6145-SS-130811-04-01	8/11/2013	1.11	0.30	0.26	33.10	5.08	0.32	0.96	0.27	0.35	5.87	-	-	0.32	0.35	0.61	2.51	1.14	2.66	**NA**	**1.48**
DM-02E	4-8	4-8	6145-SS-130811-04-02	8/11/2013	0.96	0.15	0.07	6.09	0.70	0.25	1.20	0.18	0.11	1.39	-	-	0.07	0.14	0.26	1.65	0.76	0.95	0.14	0.39
DM-02E	8-12	8-12	6145-SS-130811-04-03	8/11/2013	1.26	0.20	0.12	24.80	2.93	0.26	1.40	0.26	0.09	2.86	-	-	0.16	0.21	0.39	0.95	0.42	1.11	0.48	**1.40**
DM-02E	12-16	12-16	6145-SS-130811-04-04	8/11/2013	1.44	0.21	0.09	4.84	0.60	0.26	1.38	0.22	0.14	1.59	-	-	0.08	0.17	0.30	0.76	0.40	1.02	0.24	0.68
DM-02E	16-20	16-20	6145-SS-130811-04-05	8/11/2013	1.09	0.18	0.10	0.09	0.06	0.29	1.31	0.23	0.17	1.76	-	-	0.09	0.22	0.36	1.48	0.94	1.16	0.10	0.28
DM-02E	20-24	20-24	6145-SS-130811-04-06	8/11/2013	1.11	0.16	0.07	0.26	0.39	0.36	1.17	0.21	0.11	2.88	-	-	0.15	0.16	0.28	1.55	0.74	0.93	0.08	0.23
DM-02E	24-28	24-28	6145-SS-130811-04-07	8/11/2013	1.25	0.29	0.10	0.15	0.24	0.32	0.99	0.34	0.42	3.77	-	-	0.20	0.29	0.79	2.04	1.87	3.09	0.08	0.23
DM-02E	28-32	28-32	6145-SS-130811-04-08	8/11/2013	0.87	0.22	0.17	0.07	0.09	0.33	1.57	0.35	0.27	1.38	-	-	0.07	0.10	0.54	1.37	1.79	2.42	0.11	0.30
DM-02E	32-33	32-33	6145-SS-130811-04-09	8/11/2013	1.19	0.29	0.26	-0.03	0.06	0.31	1.60	0.39	0.40	0.22	-	-	0.00	0.02	0.70	1.21	0.87	2.46	0.17	0.46
DM-02W	8-12	8-12	6250-SS-130815-04-01	8/15/2013	0.93	0.24	0.22	14	1.43	0.23	1.14	0.29	0.12	14.40	-	-	0.79	0.35	0.46	3.45	1.23	1.50	0.25	0.75
DM-02W	12-16	12-16	6250-SS-130815-04-02	8/15/2013	1.49	0.20	0.09	0.38	0.09	0.25	1.43	0.21	0.12	1.85	-	-	0.10	0.16	0.28	1.02	0.37	0.87	0.20	0.56
DM-02W	16-20	16-20	6250-SS-130815-04-03	8/15/2013	0.98	0.14	0.07	21	2.21	0.23	1.00	0.16	0.11	74.68	-	-	4.12	0.49	0.31	17.50	2.47	1.62	0.44	**1.45**
DM-02W	20-24	20-24	6250-SS-130815-04-04	8/15/2013	1.09	0.16	0.07	3.76	0.44	0.28	1.24	0.19	0.12	3.90	-	-	0.21	0.15	0.27	1.79	0.81	0.94	0.14	0.40
DM-02W	24-28	24-28	6250-SS-130815-04-05	8/15/2013	1.24	0.19	0.08	1.97	0.43	0.27	1.31	0.21	0.11	3.07	-	-	0.17	0.17	0.26	1.35	0.68	0.90	0.16	0.44
DM-02W	28-32	28-32	6250-SS-130815-04-06	8/15/2013	0.94	0.15	0.07	0.71	0.20	0.28	1.22	0.22	0.12	1.85	-	-	0.10	0.23	0.31	0.79	0.42	1.04	0.06	0.17
DM-02W	32-33	32-33	6250-SS-130815-04-07	8/15/2013	0.85	0.13	0.06	4.29	0.47	0.26	1.17	0.18	0.10	2.44	-	-	0.13	0.14	0.23	1.17	0.64	0.84	0.10	0.28
DM-02S	2-4	2-4	6146-SS-130811-04-01	8/11/2013	1.31	0.28	0.23	5.80	0.71	0.23	1.33	0.33	0.40	8.62	-	-	0.47	0.37	0.46	1.05	0.81	2.16	**NA**	0.67
DM-02S	2-4	2-4	6146-SS-130811-04-10	8/11/2013	1.09	0.28	0.27	26	3.97	0.32	1.54	0.33	0.35	5.39	-	-	0.30	0.40	0.67	1.77	0.76	1.89	**NA**	**1.45**
DM-02S	4-8	4-8	6146-SS-130811-04-02	8/11/2013	0.81	0.37	0.42	29.60	3.51	0.24	0.86	0.51	1.12	28.09	-	-	1.53	0.82	1.01	2.80	1.37	3.17	0.44	**1.37**
DM-02S	8-12	8-12	6146-SS-130811-04-03	8/11/2013	1.14	0.23	0.16	1.83	0.32	0.23	1.37	0.32	0.28	4.30	-	-	0.24	0.33	0.56	1.29	0.76	2.69	0.15	0.42
DM-02S	12-16	12-16	6146-SS-130811-04-04	8/11/2013	1.48	0.26	0.14	0.32	0.04	0.28	1.17	0.27	0.16	2.06	-	-	0.11	0.29	0.56	1.26	0.64	2.07	0.15	0.42
DM02-S	16-20	16-20	6146-SS-130811-04-05	8/11/2013	1.16	0.26	0.17	0.44	0.08	0.27	1.16	0.33	0.15	3.00	-	-	0.17	0.31	0.54	0.84	0.78	2.29	0.09	0.26
DM-02S	20-24	20-24	6146-SS-130811-04-06	8/11/2013	0.99	0.22	0.15	0.13	0.10	0.30	1.29	0.24	0.19	0.38	-	-	0.02	0.11	0.51	0.64	0.62	2.25	0.08	0.20
DM-02S	24-28	24-28	6146-SS-130811-04-07	8/11/2013	1.07	0.26	0.21	0.26	0.14	0.26	1.36	0.31	0.18	3.09	-	-	0.16	0.37	0.63	1.64	1.61	2.39	0.11	0.31
DM-02S	28-30.5	28-30.5	6146-SS-130811-04-08	8/11/2013	1.14	0.24	0.19	0.38	0.25	0.30	0.96	0.25	0.33	4.09	-	-	0.22	0.23	0.48	1.80	0.82	2.13	0.06	0.18
DM-02S	30.5-33	30.5-33	6146-SS-130811-04-09	8/11/2013	1.03	0.15	0.06	0.22	0.37	0.40	1.16	0.18	0.11	2.02	-	-	0.11	0.11	0.20	1.09	0.73	0.90	0.06	0.18
DM-02N	2-4	2-4	6147-SS-130811-04-01	8/11/2013	0.92	0.14	0.07	10.10	1.40	0.26	1.09	0.16	0.08	5.25	-	-	0.29	0.14	0.20	1.60	0.67	0.86	**NA**	0.50
DM-02N	4-8	4-8	6147-SS-130811-04-02	8/11/2013	1.09	0.26	0.21	8.02	1.19	0.27	1.42	0.29	0.12	5.52	-	-	0.30	0.33	0.54	2.53	1.67	2.26	0.24	0.68
DM-02N	4-8	4-8	6147-SS-130811-04-03	8/11/2013	0.96	0.15	0.07	22.30	2.64	0.26	1.04	0.20	0.11	2.82	-	-	0.15	0.15	0.24	1.20	0.76	0.98	0.33	0.97
DM-02N	8-12	8-12	6147-SS-130811-04-04	8/11/2013	1.04	0.31	0.24	0.24	0.06	0.28	1.31	0.46	0.53	2.88	-	-	0.16	0.42	0.72	0.36	1.92	3.40	0.09	0.26
DM-02N	12-16	12-16	6147-SS-130811-04-05	8/11/2013	1.40	0.32	0.22	0.32	0.24	0.29	0.69	0.31	0.51	5.02	-	-	0.27	0.32	0.61	1.73	1.12	2.59	0.11	0.32
DM-02N	16-20	16-20	6147-SS-130811-04-06	8/11/2013	1.07	0.21	0.13	1.02	0.37	0.30	1.39	0.28	0.08	4.55	-	-	0.25	0.26	0.44	1.12	0.73	2.26	0.13	0.36

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
DM-02N	20-24	20-24	6147-SS-130811-04-07	8/11/2013	1.04	0.23	0.18	3.14	0.58	0.34	1.38	0.28	0.26	1.00	-	-	0.04	0.23	0.45	2.04	1.46	2.05	0.15	0.41
DM-02N	24-28	24-28	6147-SS-130811-04-08	8/11/2013	0.99	0.23	0.18	0.22	0.06	0.27	1.31	0.25	0.17	2.35	-	-	0.12	0.23	0.60	1.82	1.35	1.91	0.09	0.24
DM-02N	28-30.5	28-30.5	6147-SS-130811-04-09	8/11/2013	0.97	0.27	0.15	0.08	0.09	0.34	0.72	0.37	0.52	5.72	-	-	0.32	0.43	0.69	1.21	1.04	3.71	0.02	0.08
DM-02N	30.5-33	30.5-33	6147-SS-130811-04-10	8/11/2013	1.03	0.25	0.17	0.19	0.08	0.28	1.14	0.30	0.15	2.51	-	-	0.13	0.25	0.50	1.84	1.74	2.37	0.06	0.17
EP-14E	0-4	0-4	6157-SS-130812-04-01	8/12/2013	0.78	0.14	0.08	25.90	3.07	0.24	1.02	0.20	0.13	13.56	-	-	0.75	0.22	0.26	3.86	1.08	1.15	**NA**	**1.15**
EP-14E	4-8	4-8	6157-SS-130812-04-02	8/12/2013	0.91	0.13	0.06	20.20	2.15	0.20	1.05	0.18	0.12	8.83	-	-	0.49	0.15	0.20	1.70	0.41	0.90	0.30	0.90
EP-14E	8-12	8-12	6157-SS-130812-04-03	8/12/2013	0.86	0.13	0.07	4.89	0.50	0.21	1.01	0.20	0.12	3.67	-	-	0.20	0.15	0.23	1.55	0.63	0.78	0.08	0.23
EP-14E	12-16	12-16	6157-SS-130812-04-04	8/12/2013	1.17	0.18	0.09	7.21	0.82	0.24	1.10	0.20	0.16	4.37	-	-	0.24	0.14	0.22	1.93	0.67	0.84	0.18	0.52
EP-14E	16-20	16-20	6157-SS-130812-04-05	8/12/2013	0.95	0.15	0.07	13.30	1.33	0.23	1.02	0.17	0.08	3.28	-	-	0.17	0.17	0.26	1.82	0.73	0.92	0.20	0.60
EP-14E	20-24	20-24	6157-SS-130812-04-06	8/12/2013	0.80	0.13	0.07	1.20	0.20	0.24	1.06	0.16	0.10	2.21	-	-	0.12	0.11	0.20	1.11	0.51	0.69	0.03	0.10
EP-14E	24-28	24-28	6157-SS-130812-04-07	8/12/2013	0.90	0.15	0.07	2.63	0.28	0.23	1.07	0.20	0.13	1.51	-	-	0.08	0.16	0.26	0.88	0.36	0.90	0.05	0.15
EP-14E	28-32	28-32	6157-SS-130812-04-08	8/12/2013	0.81	0.13	0.06	0.39	0.06	0.24	0.96	0.17	0.08	2.00	-	-	0.10	0.12	0.21	1.28	0.67	0.81	0.01	0.04
EP-14N	0-4	0-4	6162-SS-130812-04-01	8/12/2013	0.82	0.14	0.09	9.50	1.08	0.23	0.91	0.17	0.11	14.53	-	-	0.80	0.22	0.24	3.77	0.80	0.87	**NA**	0.49
EP-14N	4-8	4-8	6162-SS-130812-04-02	8/12/2013	1.03	0.16	0.08	3.98	0.45	0.25	1.17	0.18	0.13	5.36	-	-	0.29	0.14	0.21	2.11	0.89	1.01	0.12	0.36
EP-14N	4-8	4-8	6162-SS-130812-04-03	8/12/2013	0.92	0.13	0.06	5.90	0.70	0.25	1.08	0.18	0.14	4.78	-	-	0.26	0.15	0.19	2.10	0.71	0.85	0.11	0.33
EP-14N	8-12	8-12	6162-SS-130812-04-04	8/12/2013	0.95	0.15	0.07	14.50	1.75	0.24	1.26	0.21	0.08	4.86	-	-	0.27	0.16	0.27	1.58	0.67	0.87	0.26	0.77
EP-14N	12-16	12-16	6162-SS-130812-04-05	8/12/2013	0.94	0.15	0.07	5.59	0.82	0.24	1.13	0.16	0.09	4.19	-	-	0.23	0.12	0.16	1.81	0.72	0.86	0.12	0.35
EP-14N	16-20	16-20	6162-SS-130812-04-06	8/12/2013	0.87	0.14	0.07	1.32	0.19	0.25	1.07	0.19	0.14	2.88	-	-	0.16	0.17	0.26	1.29	0.75	0.91	0.04	0.11
EP-14N	20-24	20-24	6162-SS-130812-04-07	8/12/2013	0.74	0.11	0.06	1.06	0.14	0.26	1.02	0.15	0.09	2.06	-	-	0.10	0.13	0.20	1.88	0.61	0.71	0.02	0.08
EP-14N	24-28	24-28	6162-SS-130812-04-08	8/12/2013	0.94	0.14	0.07	0.96	0.15	0.24	1.08	0.19	0.12	3.07	-	-	0.16	0.14	0.23	1.62	0.66	0.81	0.04	0.13
EP-14N	28-32	28-32	6162-SS-130812-04-09	8/12/2013	0.95	0.14	0.06	2.44	0.33	0.26	1.06	0.17	0.09	1.37	-	-	0.06	0.12	0.22	1.95	0.74	0.85	0.06	0.17
EP-14W	0-4	0-4	6156-SS-130812-04-01	8/12/2013	0.96	0.14	0.07	7.18	0.92	0.23	1.04	0.17	0.09	5.99	-	-	0.33	0.14	0.21	2.25	0.87	1.00	**NA**	0.39
EP-14W	4-8	4-8	6156-SS-130812-04-02	8/12/2013	0.95	0.14	0.07	17.20	1.97	0.24	1.19	0.18	0.12	3.58	-	-	0.19	0.17	0.22	1.71	0.74	0.91	0.29	0.84
EP-14W	8-12	8-12	6156-SS-130812-04-03	8/12/2013	1.06	0.16	0.07	12.80	1.51	0.24	1.30	0.22	0.12	3.11	-	-	0.17	0.15	0.29	1.51	0.43	1.02	0.27	0.77
EP-14W	12-16	12-16	6156-SS-130812-04-04	8/12/2013	1.08	0.16	0.06	11.90	1.56	0.23	1.10	0.18	0.10	5.47	-	-	0.30	0.15	0.19	1.43	0.40	1.12	0.22	0.66
EP-14W	16-20	16-20	6156-SS-130812-04-05	8/12/2013	1.00	0.15	0.06	10.30	1.07	0.23	1.07	0.19	0.15	6.11	-	-	0.33	0.16	0.21	2.11	0.78	0.94	0.18	0.55
EP-14W	20-24	20-24	6156-SS-130812-04-06	8/12/2013	1.00	0.15	0.07	0.73	0.14	0.24	1.08	0.16	0.08	3.48	-	-	0.19	0.13	0.20	1.53	0.66	0.82	0.05	0.15
EP-14W	24-28	24-28	6156-SS-130812-04-07	8/12/2013	0.95	0.14	0.07	1.22	0.16	0.25	1.10	0.18	0.09	1.60	-	-	0.08	0.14	0.24	1.64	0.59	0.73	0.05	0.15
EP-14W	28-32	28-32	6156-SS-130812-04-08	8/12/2013	0.94	0.14	0.06	2.57	0.52	0.24	0.92	0.15	0.10	1.45	-	-	0.08	0.12	0.22	0.74	0.30	0.76	0.04	0.13
EP-14S	0-4	0-4	6155-SS-130812-04-01	8/12/2013	0.93	0.15	0.08	11.30	1.53	0.20	1.05	0.17	0.07	14.74	-	-	0.81	0.21	0.23	3.48	0.87	0.97	**NA**	0.60
EP-14S	4-8	4-8	6155-SS-130812-04-02	8/12/2013	0.82	0.30	0.40	13.60	1.45	0.22	0.82	0.37	0.67	25.72	-	-	1.42	0.63	0.68	5.47	1.67	2.06	0.23	0.73
EP-14S	8-12	8-12	6155-SS-130812-04-03	8/12/2013	1.00	0.14	0.06	18.40	2.07	0.24	1.12	0.16	0.07	2.06	-	-	0.11	0.13	0.24	1.59	0.58	0.75	0.30	0.87

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
EP-14S	12-16	12-16	6155-SS-130812-04-04	8/12/2013	1.13	0.17	0.07	1.33	0.19	0.24	1.21	0.20	0.12	2.21	-	-	0.12	0.13	0.24	1.10	0.42	1.09	0.11	0.30
EP-14S	16-20	16-20	6155-SS-130812-04-05	8/12/2013	0.98	0.14	0.08	1.76	0.36	0.25	1.21	0.17	0.04	2.25	-	-	0.12	0.14	0.25	1.30	0.32	0.82	0.08	0.24
EP-14S	20-24	20-24	6155-SS-130812-04-06	8/12/2013	1.02	0.16	0.08	0.94	0.10	0.25	1.16	0.18	0.10	3.00	-	-	0.16	0.15	0.19	0.97	0.36	0.89	0.07	0.20
EP-14S	24-26	24-26	6155-SS-130812-04-07	8/12/2013	1.14	0.28	0.22	5.66	0.75	0.24	1.08	0.37	0.35	6.14	-	-	0.34	0.35	0.48	0.85	0.93	2.59	0.15	0.43
EP-14S	26-27	26-27	6155-SS-130812-04-08	8/12/2013	0.88	0.25	0.22	8.13	0.87	0.24	1.31	0.35	0.21	7.66	-	-	0.42	0.39	0.50	1.51	0.81	2.82	0.18	0.54
EP-14S	27-29.5	27-29.5	6155-SS-130812-04-09	8/12/2013	1.11	0.16	0.07	1.04	0.22	0.24	1.24	0.20	0.11	2.25	-	-	0.12	0.13	0.24	1.49	0.65	0.84	0.10	0.29
EP-14S	29.5-32	29.5-32	6155-SS-130812-04-10	8/12/2013	1.11	0.34	0.24	0.59	0.12	0.25	0.92	0.39	0.60	4.84	-	-	0.27	0.52	0.89	1.06	0.85	4.06	0.06	0.17
EP-14S	29.5-32	29.5-32	6155-SS-130812-04-12	8/12/2013	0.78	0.27	0.36	3.95	0.46	0.23	0.77	0.33	0.62	4.97	-	-	0.27	0.30	0.71	2.10	0.87	2.02	0.06	0.20
EP-15-1	0-4	0-4	6757-SS-131003-04-01	10/3/2013	1.11	0.19	0.10	0.67	0.25	0.23	1.05	0.23	0.14	3.94	-	-	0.22	0.14	0.22	1.18	0.47	1.11	**NA**	0.19
EP-15-1	4-8	4-8	6757-SS-131003-04-02	10/3/2013	1.09	0.16	0.07	1.33	0.26	0.23	1.19	0.20	0.09	1.78	-	-	0.09	0.14	0.24	1.18	0.69	0.87	0.09	0.27
EP-15-1	8-12	8-12	6757-SS-131003-04-03	10/3/2013	0.88	0.32	0.31	17.50	1.91	0.23	0.92	0.39	0.55	5.86	-	-	0.32	0.49	0.70	2.38	2.19	3.65	0.25	0.75
EP-15-1	12-16	12-16	6757-SS-131003-04-04	10/3/2013	0.96	0.26	0.20	4.27	0.76	0.24	1.39	0.37	0.27	16.75	-	-	0.93	0.47	0.47	3.05	2.39	3.00	0.17	0.52
EP-15-1	16-20	16-20	6757-SS-131003-04-05	10/3/2013	1.12	0.16	0.07	9.53	1.06	0.23	1.02	0.18	0.12	4.17	-	-	0.23	0.12	0.18	1.37	0.57	0.78	0.18	0.54
EP-15-1	16-20	16-20	6757-SS-131003-04-06	10/3/2013	1.04	0.15	0.06	9.80	1.02	0.24	0.87	0.19	0.12	5.17	-	-	0.28	0.20	0.27	1.67	0.82	0.97	0.17	0.51
EP-15-1	20-25	20-25	6757-SS-131003-04-07	10/3/2013	1.19	0.18	0.08	11.30	1.59	0.24	1.15	0.21	0.15	3.05	-	-	0.17	0.18	0.24	1.07	0.40	1.00	0.24	0.70
EP-15-1	25-30	25-30	6757-SS-131003-04-08	10/3/2013	0.85	0.12	0.05	1.95	0.26	0.23	0.81	0.14	0.10	1.91	-	-	0.10	0.13	0.21	1.10	0.61	0.74	0.03	0.10
EP-15-2	0-4	0-4	6756-SS-131003-04-01	10/3/2013	1.09	0.16	0.07	3.63	0.62	0.24	1.11	0.18	0.10	15.80	-	-	0.86	0.20	0.25	5.16	1.28	1.27	**NA**	0.43
EP-15-2	4-8	4-8	6756-SS-131003-04-02	10/3/2013	1.19	0.18	0.08	2.75	0.52	0.24	1.22	0.20	0.12	23.42	-	-	1.29	0.28	0.28	5.95	1.13	1.07	0.18	0.55
EP-15-2	8-12	8-12	6756-SS-131003-04-03	10/3/2013	1.58	0.32	0.24	2.32	0.40	0.25	1.50	0.31	0.20	16.89	-	-	0.93	0.48	0.61	4.90	2.03	2.49	0.29	0.83
EP-15-2	12-16	12-16	6756-SS-131003-04-04	10/3/2013	1.01	0.16	0.07	1.12	0.23	0.24	1.15	0.20	0.11	12.00	-	-	0.66	0.19	0.25	3.26	1.13	1.22	0.09	0.27
EP-15-2	12-16	12-16	6756-SS-131003-04-05	10/3/2013	1.00	0.15	0.07	1.30	0.24	0.24	1.05	0.16	0.11	9.86	-	-	0.54	0.17	0.20	2.52	0.80	0.93	0.06	0.21
EP-15-2	16-20	16-20	6756-SS-131003-04-06	10/3/2013	0.82	0.13	0.10	0.83	0.18	0.23	0.98	0.15	0.11	8.78	-	-	0.48	0.18	0.22	2.72	0.72	0.83	0.03	0.10
EP-15-2	20-25	20-25	6756-SS-131003-04-07	10/3/2013	0.91	0.16	0.10	3.79	0.55	0.22	1.15	0.18	0.12	11.32	-	-	0.63	0.22	0.24	2.24	0.52	1.06	0.10	0.32
EP-15-2	25-31	25-31	6756-SS-131003-04-08	10/3/2013	0.91	0.14	0.07	25.40	2.71	0.24	0.86	0.15	0.07	6.80	-	-	0.37	0.13	0.16	2.26	0.65	0.78	0.36	**1.07**
EP-15 W	0-4	0-4	5917-SS-130728-05-02	7/28/2013	1.11	0.18	0.08	18.50	2.24	0.25	1.19	0.23	0.15	16.58	-	-	0.91	0.25	0.33	4.22	1.10	1.20	**NA**	**1.07**
EP-15 W	0-4	0-4	5917-SS-130728-05-03	7/28/2013	1.09	0.16	0.07	31.10	3.44	0.23	1.30	0.24	0.16	14.40	-	-	0.79	0.23	0.28	3.85	1.10	1.16	**NA**	**1.60**
EP-15 W	4-8	4-8	5917-SS-130728-05-04	7/28/2013	1.01	0.17	0.08	1.16	0.13	0.24	1.29	0.23	0.16	2.54	-	-	0.13	0.21	0.36	1.55	1.26	1.74	0.10	0.27
EP-15 W	8-12	8-12	5917-SS-130728-05-01	7/28/2013	1.19	0.17	0.07	1.28	0.24	0.24	1.18	0.21	0.14	2.20	-	-	0.12	0.14	0.26	1.23	0.40	0.97	0.11	0.31
EP-15 W	12-16	12-16	5917-SS-130728-05-05	7/28/2013	0.94	0.14	0.06	2.11	0.26	0.24	0.95	0.17	0.11	3.11	-	-	0.16	0.15	0.19	1.70	0.73	0.87	0.04	0.14
EP-15 W	16-20	16-20	5917-SS-130728-05-06	7/28/2013	0.86	0.12	0.06	4.10	0.44	0.24	1.03	0.15	0.09	2.23	-	-	0.12	0.15	0.23	1.41	0.66	0.79	0.07	0.20
EP-15 W	20-25	20-25	5917-SS-130728-05-07	7/28/2013	0.86	0.13	0.07	2.93	0.32	0.24	1.07	0.17	0.08	4.22	-	-	0.23	0.11	0.17	1.17	0.31	0.74	0.06	0.18
EP-15 W	25-30	25-30	5917-SS-130728-05-08	7/28/2013	0.89	0.14	0.05	3.03	0.34	0.24	0.91	0.16	0.12	2.89	-	-	0.16	0.10	0.17	0.80	0.33	0.83	0.05	0.14

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
EP-15 S	0-4	0-4	5918-SS-130728-05-02	7/28/2013	1.02	0.16	0.08	38.10	3.94	0.24	1.11	0.20	0.11	14.16	-	-	0.78	0.22	0.26	3.31	0.89	1.01	**NA**	**1.74**
EP-15 S	4-8	4-8	5918-SS-130728-05-01	7/28/2013	0.99	0.14	0.07	5.95	0.65	0.24	1.15	0.18	0.09	3.52	-	-	0.19	0.13	0.21	1.95	0.78	0.92	0.13	0.39
EP-15 S	8-12	8-12	5918-SS-130728-05-03	7/28/2013	1.03	0.16	0.11	0.91	0.12	0.24	1.30	0.23	0.12	2.74	-	-	0.15	0.16	0.29	1.17	0.41	1.03	0.10	0.28
EP-15 S	12-16	12-16	5918-SS-130728-05-04	7/28/2013	0.94	0.13	0.05	1.78	0.28	0.24	1.17	0.16	0.09	2.79	-	-	0.15	0.13	0.24	1.77	0.81	0.93	0.07	0.21
EP-15 S	16-20	16-20	5918-SS-130728-05-05	7/28/2013	0.88	0.13	0.07	1.20	0.16	0.24	1.13	0.17	0.11	1.81	-	-	0.09	0.09	0.14	1.20	0.70	0.85	0.05	0.13
EP-15 S	20-25	20-25	5918-SS-130728-05-06	7/28/2013	0.90	0.13	0.05	1.03	0.13	0.23	0.81	0.16	0.14	2.21	-	-	0.12	0.12	0.17	1.09	0.32	0.77	0.02	0.06
EP-15 S	25-30	25-30	5918-SS-130728-05-07	7/28/2013	0.65	0.10	0.06	0.23	0.11	0.24	0.72	0.11	0.09	1.62	-	-	0.08	0.11	0.18	1.28	0.59	0.69	0.01	0.03
EP-15E	0-4	0-4	5923-SS-130729-05-01	7/28/2013	1.03	0.18	0.09	31.70	3.32	0.23	1.23	0.21	0.12	33.04	-	-	1.82	0.36	0.33	8.41	1.54	1.38	**NA**	**1.70**
EP-15E	8-12	8-12	5923-SS-130729-05-02	7/28/2013	1.11	0.17	0.08	2.97	0.37	0.24	1.18	0.20	0.14	5.40	-	-	0.30	0.18	0.22	1.67	0.81	1.02	0.12	0.36
EP-15E	12-16	12-16	5923-SS-130729-05-03	7/28/2013	1.15	0.27	0.22	13.10	1.49	0.23	1.34	0.32	0.14	6.07	-	-	0.33	0.41	0.71	2.79	1.08	3.18	0.30	0.88
EP-15E	16-20	16-20	5923-SS-130729-05-04	7/28/2013	1.17	0.19	0.09	6.03	0.65	0.24	1.15	0.20	0.19	7.88	-	-	0.44	0.23	0.26	1.58	0.71	2.28	0.17	0.52
EP-15E	20-25	20-25	5923-SS-130729-05-05	7/28/2013	0.82	0.13	0.07	3.40	0.37	0.23	0.99	0.16	0.13	9.19	-	-	0.51	0.18	0.20	2.15	0.46	0.94	0.06	0.21
EP-15E	25-30	25-30	5923-SS-130729-05-06	7/28/2013	0.75	0.11	0.05	1.35	0.29	0.24	0.85	0.13	0.06	3.36	-	-	0.18	0.12	0.16	1.37	0.66	0.78	0.03	0.08
EP-15N	0-4	0-4	5923-SS-130729-05-07	7/28/2013	0.99	0.16	0.09	127	14.70	0.23	1.28	0.19	0.13	29.09	-	-	1.60	0.29	0.26	7.92	1.38	1.21	**NA**	**5.48**
EP-15N	4-8	4-8	5923-SS-130729-05-08	7/28/2013	1.11	0.18	0.09	8.81	1.02	0.22	1.10	0.20	0.16	2.19	-	-	0.12	0.17	0.28	1.33	0.77	1.02	0.18	0.53
EP-15N	8-12	8-12	5923-SS-130729-05-09	7/28/2013	1.11	0.16	0.08	4.65	0.55	0.24	1.18	0.17	0.10	6.46	-	-	0.36	0.16	0.19	1.27	0.36	0.83	0.15	0.43
EP-15N	12-16	12-16	5923-SS-130729-05-10	7/28/2013	1.00	0.15	0.07	3.03	0.48	0.25	1.10	0.17	0.12	2.77	-	-	0.14	0.14	0.25	1.85	0.85	0.97	0.09	0.25
EP-15N	16-20	16-20	5923-SS-130729-05-11	7/28/2013	0.85	0.13	0.06	8.99	1.14	0.23	0.96	0.15	0.10	3.19	-	-	0.17	0.13	0.18	1.46	0.51	0.67	0.13	0.39
EP-15N	20-25	20-25	5923-SS-130729-05-12	7/28/2013	1.01	0.16	0.08	3.27	0.46	0.24	1.27	0.23	0.11	3.32	-	-	0.18	0.14	0.27	0.98	0.38	0.96	0.12	0.35
EP-15N	25-30	25-30	5923-SS-130729-05-13	7/28/2013	0.81	0.11	0.05	3.86	0.41	0.24	1.03	0.14	0.08	2.61	-	-	0.14	0.12	0.21	1.51	0.63	0.75	0.06	0.19
EP-16-3	0-4	0-4	6763-SS-131004-04-01	10/4/2013	0.87	0.14	0.08	9.92	1.28	0.23	1.12	0.18	0.10	28.21	-	-	1.55	0.29	0.27	7.83	1.25	1.06	**NA**	0.68
EP-16-3	4-8	4-8	6763-SS-131004-04-02	10/4/2013	1.10	0.17	0.08	5.08	0.83	0.23	1.16	0.21	0.11	3.44	-	-	0.19	0.18	0.30	1.36	0.42	1.01	0.14	0.42
EP-16-3	8-12	8-12	6763-SS-131004-04-03	10/4/2013	1.01	0.15	0.07	8.60	1.04	0.24	1.06	0.16	0.11	8.51	-	-	0.47	0.15	0.21	2.30	0.73	0.87	0.16	0.50
EP-16-3	8-12	8-12	6763-SS-131004-04-04	10/4/2013	1.08	0.18	0.10	5.10	0.56	0.24	1.06	0.21	0.11	9.13	-	-	0.50	0.22	0.25	2.27	0.98	1.16	0.13	0.40
EP-16-3	12-16	12-16	6763-SS-131004-04-05	10/4/2013	1.09	0.15	0.06	11.30	1.31	0.25	1.21	0.17	0.10	8.33	-	-	0.46	0.16	0.21	1.72	0.40	0.85	0.24	0.72
EP-16-3	16-20	16-20	6763-SS-131004-04-06	10/4/2013	1.09	0.15	0.06	5.55	0.81	0.24	1.11	0.19	0.14	6.10	-	-	0.33	0.15	0.22	2.09	0.80	0.96	0.14	0.43
EP-16-3	20-25	20-25	6763-SS-131004-04-07	10/4/2013	1.03	0.15	0.06	6.34	0.84	0.23	1.01	0.15	0.10	5.84	-	-	0.32	0.14	0.16	2.05	0.73	0.86	0.12	0.37
EP-16-3	25-32	25-32	6763-SS-131004-04-08	10/4/2013	0.59	0.10	0.06	4.53	0.45	0.23	0.57	0.12	0.07	5.53	-	-	0.30	0.14	0.17	1.50	0.55	0.68	0.07	0.22
EP-16-4	0-4	0-4	6764-SS-131004-04-01	10/4/2013	0.91	0.13	0.06	6.39	0.82	0.23	1.01	0.17	0.12	5.30	-	-	0.29	0.14	0.18	1.65	0.64	0.81	**NA**	0.31
EP-16-4	4-8	4-8	6764-SS-131004-04-02	10/4/2013	1.08	0.17	0.08	2.57	0.27	0.23	0.96	0.17	0.19	5.53	-	-	0.31	0.19	0.24	1.23	0.39	1.02	0.08	0.24
EP-16-4	8-12	8-12	6764-SS-131004-04-03	10/4/2013	1.05	0.15	0.07	17	1.87	0.22	1.16	0.18	0.11	1.80	-	-	0.09	0.15	0.25	1.15	0.34	0.82	0.29	0.85
EP-16-4	12-16	12-16	6764-SS-131004-04-04	10/4/2013	0.91	0.13	0.06	11.60	1.37	0.23	1.10	0.18	0.10	1.07	-	-	0.05	0.09	0.24	1.76	0.81	0.93	0.18	0.53

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
EP-16-4	16-20	16-20	6764-SS-131004-04-05	10/4/2013	1.03	0.16	0.07	10.20	1.02	0.23	1.00	0.19	0.14	1.21	-	-	0.06	0.16	0.24	0.93	0.32	0.83	0.17	0.49
EP-16-4	20-24	20-24	6764-SS-131004-04-06	10/4/2013	0.92	0.14	0.07	26.20	3.09	0.25	0.96	0.14	0.05	1.84	-	-	0.10	0.12	0.21	0.94	0.33	0.80	0.36	**1.07**
EP-16-4	24-26	24-26	6764-SS-131004-04-07	10/4/2013	1.04	0.14	0.06	31.10	3.50	0.24	1.02	0.15	0.11	3.87	-	-	0.21	0.15	0.24	1.65	0.65	0.80	0.46	**1.36**
EP-16-5	0-4	0-4	6762-SS-131004-04-01	10/4/2013	1.14	0.30	0.25	36.50	4.54	0.25	1.30	0.42	0.30	35.14	-	-	1.94	0.60	0.61	7.45	2.67	3.31	**NA**	**1.99**
EP-16-5	4-8	4-8	6762-SS-131004-04-02	10/4/2013	1.10	0.15	0.07	1.61	0.21	0.23	1.04	0.17	0.10	4.02	-	-	0.22	0.18	0.20	1.58	0.67	0.83	0.08	0.22
EP-16-5	8-12	8-12	6762-SS-131004-04-03	10/4/2013	1.17	0.17	0.06	1.42	0.33	0.23	1.23	0.20	0.08	2.23	-	-	0.11	0.13	0.25	1.69	0.67	0.83	0.12	0.34
EP-16-5	12-16	12-16	6762-SS-131004-04-04	10/4/2013	0.93	0.15	0.08	5.44	0.61	0.24	1.07	0.17	0.13	2.60	-	-	0.14	0.15	0.24	1.42	0.89	1.05	0.10	0.29
EP-16-5	16-20	16-20	6762-SS-131004-04-05	10/4/2013	0.87	0.13	0.06	7.40	0.79	0.23	0.93	0.14	0.09	3.03	-	-	0.16	0.11	0.17	1.34	0.64	0.78	0.11	0.32
EP-16-5	20-25	20-25	6762-SS-131004-04-06	10/4/2013	0.90	0.13	0.06	7.47	0.85	0.23	0.99	0.15	0.11	5.12	-	-	0.28	0.14	0.16	1.27	0.67	0.83	0.11	0.34
EP-16-5	25-31	25-31	6762-SS-131004-04-07	10/4/2013	0.67	0.10	0.05	3.06	0.55	0.24	0.72	0.11	0.07	2.08	-	-	0.11	0.12	0.17	1.15	0.51	0.62	0.05	0.14
EP-16S	0-4	0-4	6041-SS-130805-04-01	8/5/2013	0.79	0.12	0.06	32	3.86	0.24	1.09	0.17	0.10	4.73	-	-	0.26	0.14	0.17	1.94	0.79	0.93	**NA**	**1.36**
EP-16S	4-8	4-8	6041-SS-130805-04-02	8/5/2013	0.88	0.13	0.06	3.53	0.52	0.27	1.09	0.17	0.11	1.68	-	-	0.08	0.16	0.22	1.72	0.74	0.89	0.07	0.21
EP-16S	8-12	8-12	6041-SS-130805-04-03	8/5/2013	0.85	0.14	0.08	4.57	0.62	0.26	1.26	0.19	0.12	2.32	-	-	0.13	0.14	0.24	1.03	0.35	0.88	0.12	0.33
EP-16S	12-16	12-16	6041-SS-130805-04-04	8/5/2013	1.01	0.16	0.06	45.20	7.98	0.32	1.09	0.20	0.16	1.80	-	-	0.09	0.15	0.29	1.04	0.40	1.24	0.65	**1.92**
EP-16S	16-20	16-20	6041-SS-130805-04-05	8/5/2013	0.73	0.12	0.07	21.50	2.89	0.26	0.95	0.16	0.09	5.10	-	-	0.28	0.14	0.16	1.97	0.79	0.89	0.30	0.90
EP-16S	20-24	20-24	6041-SS-130805-04-06	8/5/2013	0.69	0.21	0.25	6.60	1.05	0.26	1.01	0.26	0.23	2.76	-	-	0.15	0.29	0.50	0.76	0.56	2.37	0.10	0.29
EP-16S	24-28	24-28	6041-SS-130805-04-07	8/5/2013	1.01	0.28	0.12	9.67	1.19	0.25	1.07	0.46	0.53	2.87	-	-	0.16	0.43	0.75	1.07	1.06	3.82	0.17	0.50
EP-16S	28-30	28-30	6041-SS-130805-04-08	8/5/2013	0.63	0.21	0.22	4.92	0.83	0.25	1.26	0.29	0.10	4.29	-	-	0.24	0.27	0.38	0.93	0.65	1.92	0.12	0.36
EP-16E	0-4	0-4	6043-SS-130805-04-01	8/5/2013	0.99	0.16	0.09	70.40	9.26	0.27	1.24	0.21	0.12	11.26	-	-	0.62	0.20	0.24	2.32	0.52	1.08	**NA**	**3.06**
EP-16E	0-4	0-4	6043-SS-130805-04-02	8/5/2013	1.23	0.30	0.21	79.80	9.73	0.27	1.44	0.38	0.20	17.47	-	-	0.96	0.40	0.51	2.30	1.06	2.59	**NA**	**3.69**
EP-16E	4-8	4-8	6043-SS-130805-04-03	8/5/2013	0.83	0.13	0.08	7.99	1.11	0.26	1.10	0.17	0.09	2.92	-	-	0.16	0.13	0.24	0.87	0.37	1.04	0.13	0.39
EP-16E	8-12	8-12	6043-SS-130805-04-04	8/5/2013	0.86	0.14	0.08	15.70	2.52	0.31	1.25	0.21	0.12	2.49	-	-	0.13	0.16	0.25	1.79	0.67	0.85	0.27	0.78
EP-16E	12-16	12-16	6043-SS-130805-04-05	8/5/2013	0.88	0.14	0.07	47.50	5.48	0.27	1.05	0.18	0.14	3.00	-	-	0.16	0.16	0.28	1.01	0.37	1.00	0.66	**1.94**
EP-16E	16-20	16-20	6043-SS-130805-04-06	8/5/2013	0.57	0.10	0.06	14.20	1.87	0.28	0.80	0.13	0.09	3.01	-	-	0.16	0.11	0.15	1.23	0.52	0.66	0.20	0.59
EP-16E	20-24	20-24	6043-SS-130805-04-07	8/5/2013	0.78	0.12	0.05	21.70	2.72	0.26	0.91	0.15	0.10	3.13	-	-	0.17	0.14	0.17	1.66	0.70	0.83	0.30	0.89
EP-16E	24-28	24-28	6043-SS-130805-04-08	8/5/2013	0.74	0.11	0.06	16.40	2.15	0.27	0.85	0.13	0.11	1.24	-	-	0.06	0.13	0.22	1.05	0.59	0.93	0.23	0.67
EP-16E	28-30	28-30	6043-SS-130805-04-09	8/5/2013	0.50	0.14	0.14	8.62	0.98	0.25	0.72	0.18	0.08	7.97	-	-	0.44	0.23	0.34	1.58	1.21	1.50	0.13	0.40
EP-16W	0-4	0-4	6044-SS-130805-04-01	8/5/2013	0.90	0.14	0.07	49	4.96	0.22	1.21	0.19	0.08	10.88	-	-	0.60	0.16	0.21	2.65	0.88	0.98	**NA**	**2.14**
EP-16W	4-8	4-8	6044-SS-130805-04-02	8/5/2013	0.92	0.14	0.06	7.02	0.76	0.23	1.07	0.17	0.13	2.79	-	-	0.14	0.13	0.24	1.94	0.64	0.79	0.12	0.35
EP-16W	8-12	8-12	6044-SS-130805-04-03	8/5/2013	1.11	0.35	0.26	78.60	8.80	0.25	0.82	0.37	0.52	8.50	-	-	0.46	0.53	0.90	3.87	2.36	3.15	**1.12**	**3.32**
EP-16W	12-16	12-16	6044-SS-130805-04-04	8/5/2013	0.99	0.16	0.07	101	10.80	0.23	1.02	0.18	0.12	2.95	-	-	0.16	0.15	0.25	0.84	0.38	1.00	**1.39**	**4.10**
EP-16W	16-20	16-20	6044-SS-130805-04-05	8/5/2013	0.72	0.12	0.08	62	6.59	0.24	0.97	0.19	0.13	7.60	-	-	0.42	0.23	0.26	2.08	0.79	0.91	0.85	**2.53**

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
EP-16W	20-24	20-24	6044-SS-130805-04-06	8/5/2013	0.74	0.11	0.05	71.30	7.92	0.24	0.77	0.14	0.08	2.83	-	-	0.15	0.11	0.15	1.26	0.56	0.70	0.97	**2.87**
EP-16W	24-28	24-28	6044-SS-130805-04-07	8/5/2013	1.00	0.17	0.08	42.90	4.51	0.24	0.97	0.19	0.15	7.24	-	-	0.39	0.20	0.24	2.65	0.88	1.02	0.61	**1.82**
EP-16W	28-30	28-30	6044-SS-130805-04-08	8/5/2013	0.68	0.21	0.20	13.10	1.29	0.23	0.49	0.24	0.32	6.65	-	-	0.37	0.31	0.50	1.41	1.63	2.23	0.19	0.57
EP-16N	0-4	0-4	6057-SS-130806-04-01	8/6/2013	0.96	0.16	0.07	314	31.20	2.23	1.24	0.24	0.11	15.99	-	-	0.88	0.24	0.27	4.07	1.15	1.21	**NA**	**12.79**
EP-16N	0-4	0-4	6057-SS-130806-04-02	8/6/2013	0.96	0.15	0.07	518	49.30	2.10	1.27	0.18	0.12	21.36	-	-	1.17	0.24	0.23	6.81	1.42	1.31	**NA**	**20.98**
EP-16N	4-8	4-8	6057-SS-130806-04-03	8/6/2013	0.85	0.15	0.09	26.40	2.98	0.25	1.24	0.20	0.11	2.19	-	-	0.12	0.17	0.27	1.34	0.46	1.13	0.41	**1.19**
EP-16N	8-12	8-12	6057-SS-130806-04-04	8/6/2013	1.10	0.26	0.20	1960	197	5.56	1.12	0.27	0.19	15.04	-	-	0.83	0.35	0.43	4.52	1.93	2.46	**26.58**	**78.37**
EP-16N	12-16	12-16	6057-SS-130806-04-05	8/6/2013	0.93	0.14	0.07	18.80	2.27	0.27	1.13	0.18	0.12	7.18	-	-	0.40	0.17	0.20	1.89	0.78	0.94	0.30	0.89
EP-16N	16-20	16-20	6057-SS-130806-04-06	8/6/2013	0.74	0.13	0.07	12.40	1.58	0.27	0.88	0.15	0.07	2.75	-	-	0.14	0.16	0.25	1.67	0.61	0.80	0.17	0.52
EP-16N	20-24	20-24	6057-SS-130806-04-07	8/6/2013	0.84	0.13	0.07	82.90	9.00	0.25	0.94	0.16	0.07	6.28	-	-	0.34	0.14	0.19	2.21	0.76	0.86	**1.13**	**3.35**
EP-16N	24-28	24-28	6057-SS-130806-04-08	8/6/2013	0.85	0.14	0.08	45.10	5.69	0.26	0.89	0.17	0.04	6.23	-	-	0.34	0.18	0.19	2.53	0.92	1.04	0.62	**1.85**
EP-16N	28-32	28-32	6057-SS-130806-04-09	8/6/2013	0.84	0.15	0.08	104	13.30	0.25	0.95	0.16	0.12	5.36	-	-	0.29	0.17	0.22	2.34	0.98	1.09	**1.42**	**4.19**
LF08-W	4-8	4-8	5908-SS-130726-05-01	7/26/2013	0.92	0.20	0.09	12.10	1.26	0.22	1.01	0.30	0.24	36.61	-	-	2.00	0.49	0.57	3.94	1.57	1.86	0.23	0.74
LF08-W	10-12	10-12	5908-SS-130726-05-02	7/26/2013	0.87	0.14	0.07	1.47	0.20	0.24	1.17	0.18	0.10	9.55	-	-	0.53	0.17	0.23	2.63	0.94	1.02	0.07	0.22
LF08-W	12-14	12-14	5908-SS-130726-05-03	7/26/2013	0.82	0.14	0.07	0.32	0.12	0.23	1.03	0.17	0.12	19.93	-	-	1.10	0.22	0.22	3.34	1.00	1.06	0.04	0.17
LF08-W	18-20	18-20	5908-SS-130726-05-04	7/26/2013	0.75	0.14	0.12	0.60	0.10	0.23	1.19	0.23	0.09	8.46	-	-	0.47	0.18	0.25	1.83	0.78	0.99	0.06	0.18
LF08-W	20-23	20-23	5908-SS-130726-05-05	7/26/2013	0.81	0.21	0.18	1.38	0.19	0.24	1.29	0.28	0.28	13.75	-	-	0.76	0.34	0.52	3.57	1.85	2.51	0.10	0.31
LF08-W	23-28	23-28	5908-SS-130726-05-06	7/26/2013	0.61	0.10	0.05	0.65	0.15	0.24	0.83	0.12	0.08	6.29	-	-	0.35	0.12	0.15	1.42	0.60	0.72	0.02	0.07
LF08-W	28-33	28-33	5908-SS-130726-05-07	7/26/2013	0.75	0.12	0.07	0.94	0.10	0.23	1.10	0.17	0.11	11.75	-	-	0.65	0.20	0.23	1.83	0.68	0.83	0.05	0.17
LF08-E	0-4	0-4	5910-SS-130726-05-01	7/26/2013	0.85	0.21	0.18	0.47	0.09	0.22	0.90	0.27	0.44	3.83	-	-	0.20	0.34	0.57	2.21	0.73	3.01	**NA**	0.06
LF08-E	4-8	4-8	5910-SS-130726-05-02	7/26/2013	0.66	0.11	0.06	2.57	0.31	0.21	0.83	0.13	0.09	17.36	-	-	0.95	0.18	0.20	2.28	0.84	0.94	0.06	0.22
LF08-E	8-12	8-12	5910-SS-130726-05-03	7/26/2013	0.17	0.15	0.25	0.80	0.10	0.19	0.29	0.23	0.39	10.63	-	-	0.59	0.30	0.54	2.13	1.59	2.15	0.03	0.11
LF08-E	12-16	12-16	5910-SS-130726-05-04	7/26/2013	0.47	0.18	0.19	10.90	1.24	0.23	0.46	0.19	0.35	18.65	-	-	1.02	0.37	0.41	2.06	1.29	1.79	0.18	0.56
LF08-E	16-20	16-20	5910-SS-130726-05-05	7/26/2013	0.88	0.14	0.07	0.54	0.08	0.24	1.02	0.16	0.10	3.01	-	-	0.17	0.13	0.18	0.86	0.34	0.93	0.02	0.06
LF08-E	20-23	20-23	5910-SS-130726-05-06	7/26/2013	0.60	0.12	0.07	0.51	0.21	0.23	0.55	0.15	0.08	3.12	-	-	0.17	0.15	0.20	1.43	0.66	0.81	0.01	0.05
LF08-E	24-28	24-28	5910-SS-130726-05-07	7/26/2013	0.48	0.08	0.05	0.74	0.15	0.21	0.71	0.11	0.06	3.01	-	-	0.16	0.11	0.16	1.36	0.50	0.60	0.02	0.06
LF08-E	28-32	28-32	5910-SS-130726-05-08	7/26/2013	0.60	0.09	0.05	0.35	0.09	0.23	0.84	0.13	0.08	5.44	-	-	0.30	0.12	0.15	1.27	0.63	0.74	0.01	0.06
LF08-S	0-4	0-4	6023-SS-130803-04-01	8/3/2013	1.10	0.28	0.26	0.01	0.03	0.19	0.62	0.23	0.49	5.40	-	-	0.30	0.28	0.44	1.16	0.68	1.81	**NA**	0.15
LF08-S	4-8	4-8	6023-SS-130803-04-02	8/3/2013	0.84	0.33	0.36	0.32	0.06	0.20	0.37	0.32	0.56	16.45	-	-	0.90	0.39	0.49	2.11	0.93	2.35	0.03	0.13
LF08-S	8-12	8-12	6023-SS-130803-04-03	8/3/2013	1.01	0.29	0.29	7.38	0.80	0.23	0.66	0.27	0.52	20.28	-	-	1.12	0.43	0.48	4.05	1.73	1.98	0.16	0.50
LF08-S	12-16	12-16	6023-SS-130803-04-04	8/3/2013	0.95	0.16	0.10	1.46	0.21	0.23	1.16	0.21	0.13	6.16	-	-	0.34	0.16	0.19	1.61	0.79	0.99	0.07	0.21
LF08-S	16-20	16-20	6023-SS-130803-04-05	8/3/2013	0.84	0.22	0.16	0.67	0.08	0.23	1.15	0.24	0.10	6.16	-	-	0.34	0.34	0.55	1.86	0.86	2.38	0.05	0.15

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
LF08-S	16-20	16-20	6023-SS-130803-04-06	8/3/2013	1.06	0.24	0.19	1.09	0.18	0.24	1.46	0.40	0.23	9.32	-	-	0.52	0.36	0.60	1.80	0.82	2.37	0.15	0.43
LF08-S	20-23	20-23	6023-SS-130803-04-07	8/3/2013	0.84	0.13	0.07	2.53	0.41	0.24	0.99	0.15	0.10	5.97	-	-	0.33	0.13	0.17	1.52	0.50	0.66	0.05	0.15
LF08-S	23-28	23-28	6023-SS-130803-04-10	8/3/2013	0.78	0.12	0.06	1.68	0.19	0.22	0.87	0.13	0.09	5.78	-	-	0.32	0.14	0.18	1.58	0.68	0.80	0.03	0.11
LF08-S	28-29	28-29	6023-SS-130803-04-11	8/3/2013	0.94	0.20	0.13	2.04	0.38	0.24	1.27	0.25	0.25	6.69	-	-	0.37	0.30	0.53	2.22	1.39	2.14	0.10	0.29
LF08-S	28-29	28-29	6023-SS-130803-04-12	8/3/2013	0.86	0.22	0.22	1.58	0.23	0.22	1.25	0.30	0.26	4.87	-	-	0.26	0.32	0.59	1.84	1.38	1.77	0.08	0.23
LF08-N	0-4	0-4	6026-SS-130803-04-01	8/3/2013	0.81	0.22	0.20	0.35	0.05	0.21	1.05	0.25	0.25	11.10	-	-	0.61	0.41	0.53	3.83	1.72	2.29	**NA**	0.13
LF08-N	4-6	4-6	6026-SS-130803-04-02	8/3/2013	0.87	0.20	0.15	0.37	0.15	0.20	0.54	0.23	0.40	24.64	-	-	1.36	0.44	0.45	4.13	1.04	2.08	0.05	0.19
LF08-N	8-12	8-12	6026-SS-130803-04-03	8/3/2013	0.92	0.13	0.06	0.74	0.16	0.23	1.13	0.17	0.08	3.19	-	-	0.17	0.13	0.17	1.06	0.35	0.84	0.05	0.13
LF08-N	12-16	12-16	6026-SS-130803-04-04	8/3/2013	0.92	0.17	0.10	4.62	0.48	0.23	1.18	0.21	0.12	2.69	-	-	0.14	0.17	0.28	1.39	0.79	0.98	0.11	0.31
LF08-N	16-20	16-20	6026-SS-130803-04-05	8/3/2013	0.83	0.12	0.06	0.30	0.05	0.23	0.98	0.15	0.13	2.63	-	-	0.14	0.14	0.21	1.20	0.61	0.80	0.01	0.04
LF08-N	20-24	20-24	6026-SS-130803-04-06	8/3/2013	0.85	0.14	0.07	0.88	0.12	0.22	1.00	0.16	0.11	3.00	-	-	0.16	0.13	0.23	1.49	0.75	0.91	0.02	0.06
LF08-N	24-28	24-28	6026-SS-130803-04-07	8/3/2013	0.67	0.10	0.05	5.66	0.64	0.23	0.88	0.13	0.08	5.20	-	-	0.29	0.10	0.15	1.59	0.58	0.70	0.09	0.27
LF08-N	28-32	28-32	6026-SS-130803-04-08	8/3/2013	0.71	0.13	0.08	1.16	0.21	0.24	0.91	0.17	0.12	2.59	-	-	0.14	0.15	0.23	1.28	0.66	0.84	0.02	0.07
LF09-N	2-4	2-4	6106-SS-130809-04-01	8/9/2013	1.27	0.29	0.23	2.81	0.73	0.25	1.19	0.30	0.45	5.43	-	-	0.30	0.34	0.58	1.45	0.98	2.71	**NA**	0.44
LF09-N	4-8	4-8	6106-SS-130809-04-02	8/9/2013	1.07	0.15	0.06	0.08	0.09	0.26	1.04	0.17	0.11	9.56	-	-	0.53	0.20	0.23	1.61	0.77	0.96	0.06	0.18
LF09-N	8-12	8-12	6106-SS-130809-04-03	8/9/2013	1.16	0.19	0.10	0.18	0.11	0.24	1.22	0.20	0.12	0.95	-	-	0.04	0.18	0.30	1.83	0.83	1.01	0.10	0.27
LF09-N	12-16	12-16	6106-SS-130809-04-04	8/9/2013	1.01	0.14	0.06	0.12	0.05	0.27	0.94	0.15	0.08	2.27	-	-	0.12	0.11	0.17	1.35	0.67	0.83	0.03	0.08
LF09-N	16-20	16-20	6106-SS-130809-04-05	8/9/2013	1.18	0.18	0.08	0.41	0.10	0.25	1.31	0.21	0.12	1.83	-	-	0.10	0.15	0.27	0.80	0.37	0.92	0.12	0.33
LF09-N	20-24	20-24	6106-SS-130809-04-06	8/9/2013	1.09	0.15	0.06	0.12	0.21	0.27	1.15	0.18	0.09	2.88	-	-	0.15	0.13	0.20	1.76	0.74	0.88	0.07	0.21
LF09-N	24-28	24-28	6106-SS-130809-04-07	8/9/2013	1.05	0.16	0.09	0.15	0.06	0.24	1.08	0.18	0.11	1.83	-	-	0.10	0.15	0.27	0.95	0.36	0.92	0.05	0.14
LF09-N	28-32	28-32	6106-SS-130809-04-08	8/9/2013	1.07	0.16	0.07	0.17	0.07	0.24	1.27	0.20	0.10	2.62	-	-	0.14	0.14	0.20	1.00	0.38	0.96	0.09	0.25
LF09-N	32-34.5	32-34.5	6106-SS-130809-04-09	8/9/2013	1.23	0.27	0.18	0.03	0.07	0.26	1.68	0.35	0.12	2.57	-	-	0.13	0.31	0.55	1.90	1.60	2.64	0.20	0.54
LF09-E	2-4	2-4	6109-SS-130809-04-01	8/9/2013	0.89	0.17	0.10	0.61	0.14	0.23	1.01	0.17	0.10	3.55	-	-	0.19	0.20	0.30	2.08	0.88	1.02	**NA**	0.06
LF09-E	4-8	4-8	6109-SS-130809-04-02	8/9/2013	0.82	0.13	0.07	1.80	0.21	0.24	0.85	0.13	0.07	14.59	-	-	0.81	0.19	0.19	2.31	0.68	0.79	0.05	0.18
LF09-E	8-12	8-12	6109-SS-130809-04-03	8/9/2013	1.12	0.18	0.09	0.15	0.06	0.25	1.18	0.21	0.10	5.99	-	-	0.33	0.17	0.21	1.25	0.41	1.03	0.09	0.26
LF09-E	12-16	12-16	6109-SS-130809-04-04	8/9/2013	0.96	0.14	0.07	0.28	0.11	0.24	1.00	0.16	0.13	2.35	-	-	0.12	0.13	0.24	1.61	0.78	0.92	0.02	0.07
LF09-E	16-20	16-20	6109-SS-130809-04-05	8/9/2013	1.15	0.16	0.07	0.16	0.05	0.24	1.13	0.19	0.11	6.04	-	-	0.33	0.22	0.31	1.85	0.84	1.00	0.09	0.25
LF09-E	16-20	16-20	6109-SS-130809-04-06	8/9/2013	1.04	0.16	0.07	0.10	0.05	0.24	0.97	0.15	0.05	6.10	-	-	0.34	0.16	0.20	1.15	0.37	0.87	0.04	0.12
LF09-E	20-24	20-24	6109-SS-130809-04-07	8/9/2013	1.12	0.17	0.08	0.38	0.14	0.25	1.05	0.17	0.11	3.99	-	-	0.22	0.14	0.18	1.61	0.64	0.81	0.06	0.19
LF09-E	24-28	24-28	6109-SS-130809-04-08	8/9/2013	0.97	0.13	0.05	0.36	0.20	0.25	0.94	0.14	0.06	2.40	-	-	0.12	0.13	0.22	1.61	0.68	0.82	0.02	0.07
LF09-E	28-32	28-32	6109-SS-130809-04-09	8/9/2013	0.94	0.14	0.07	0.25	0.14	0.26	0.84	0.15	0.09	4.96	-	-	0.27	0.14	0.16	1.01	0.29	0.70	0.02	0.07
LF09-E	32-35	32-35	6109-SS-130809-04-10	8/9/2013	0.92	0.13	0.06	0.05	0.09	0.26	0.97	0.15	0.12	1.51	-	-	0.07	0.13	0.23	1.57	0.73	0.84	0.01	0.03

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
LF09-W	2-4	2-4	6110-SS-130809-04-01	8/9/2013	0.75	0.14	0.07	0.78	0.14	0.22	0.93	0.18	0.09	4.71	-	-	0.26	0.17	0.22	0.98	0.41	1.04	**NA**	0.07
LF09-W	4-8	4-8	6110-SS-130809-04-02	8/9/2013	0.85	0.15	0.08	0.45	0.06	0.24	1.01	0.19	0.11	15.17	-	-	0.84	0.24	0.29	2.21	0.52	1.12	0.03	0.13
LF09-W	8-12	8-12	6110-SS-130809-04-03	8/9/2013	1.05	0.21	0.12	0.57	0.13	0.24	1.41	0.30	0.10	8.89	-	-	0.49	0.31	0.53	1.70	0.82	2.35	0.13	0.37
LF09-W	12-16	12-16	6110-SS-130809-04-04	8/9/2013	0.91	0.14	0.07	0.33	0.04	0.26	1.07	0.16	0.12	7.41	-	-	0.41	0.18	0.19	1.60	0.73	0.90	0.03	0.11
LF09-W	16-20	16-20	6110-SS-130809-04-05	8/9/2013	0.93	0.14	0.07	0.21	0.07	0.25	1.11	0.17	0.11	2.61	-	-	0.14	0.15	0.25	1.50	0.79	0.93	0.04	0.11
LF09-W	20-24	20-24	6110-SS-130809-04-06	8/9/2013	1.00	0.15	0.07	0.28	0.09	0.24	0.96	0.16	0.09	3.83	-	-	0.21	0.13	0.17	0.97	0.34	0.85	0.03	0.09
LF09-W	24-28	24-28	6110-SS-130809-04-07	8/9/2013	1.16	0.18	0.09	0.27	0.16	0.28	1.15	0.20	0.13	2.26	-	-	0.12	0.18	0.26	1.17	0.41	1.04	0.09	0.24
LF09-W	28-32	28-32	6110-SS-130809-04-08	8/9/2013	0.90	0.13	0.06	0.35	0.10	0.24	0.97	0.14	0.09	1.67	-	-	0.08	0.13	0.23	1.74	0.63	0.76	0.01	0.04
LF09-W	32-35	32-35	6110-SS-130809-04-09	8/9/2013	0.79	0.13	0.07	0.11	0.05	0.23	0.96	0.18	0.10	1.14	-	-	0.06	0.10	0.23	1.12	0.69	0.86	0.01	0.02
LF09-S	8-12	8-12	6085-SS-130808-04-01	8/8/2013	0.72	0.17	0.15	0.31	0.06	0.20	0.21	0.14	0.25	15.55	-	-	0.86	0.32	0.39	2.44	0.57	1.24	0.03	0.12
LF09-S	12-16	12-16	6085-SS-130808-04-02	8/8/2013	1.23	0.20	0.09	0.00	0.00	0.24	1.17	0.21	0.14	1.41	-	-	0.08	0.15	0.29	0.69	0.39	1.28	0.10	0.27
LF09-S	16-20	16-20	6085-SS-130808-04-03	8/8/2013	0.94	0.22	0.20	0.17	0.09	0.23	0.67	0.25	0.30	16.18	-	-	0.89	0.40	0.46	4.52	1.63	1.87	0.04	0.16
LF09-S	20-24	20-24	6085-SS-130808-04-04	8/8/2013	0.90	0.22	0.22	0.32	0.08	0.22	0.95	0.26	0.29	15.92	-	-	0.87	0.39	0.53	1.91	0.82	1.97	0.03	0.12
LF09-S	24-28	24-28	6085-SS-130808-04-05	8/8/2013	1.18	0.17	0.08	0.17	0.04	0.23	1.13	0.18	0.13	3.11	-	-	0.16	0.12	0.19	2.00	0.76	0.90	0.09	0.25
LF09-S	28-31	28-31	6085-SS-130808-04-06	8/8/2013	1.03	0.17	0.08	0.21	0.08	0.23	1.07	0.20	0.11	4.61	-	-	0.25	0.17	0.23	1.95	0.82	0.98	0.05	0.15
PL06-NW	2-4	2-4	6083-SS-130808-04-01	8/8/2013	1.22	0.18	0.09	0.12	0.02	0.21	1.01	0.17	0.19	2.39	-	-	0.13	0.14	0.21	1.37	0.75	0.99	**NA**	0.20
PL06-NW	4-8	4-8	6083-SS-130808-04-02	8/8/2013	1.22	0.19	0.11	0.02	0.06	0.24	1.18	0.20	0.15	4.93	-	-	0.26	0.20	0.32	2.67	1.04	1.17	0.11	0.31
PL06-NW	8-12	8-12	6083-SS-130808-04-03	8/8/2013	1.14	0.17	0.08	0.01	0.03	0.24	1.08	0.17	0.11	2.25	-	-	0.12	0.14	0.23	1.68	0.64	0.82	0.07	0.19
PL06-NW	12-16	12-16	6083-SS-130808-04-04	8/8/2013	1.32	0.28	0.19	0.19	0.07	0.23	0.88	0.28	0.42	2.60	-	-	0.13	0.11	0.69	2.43	1.18	2.92	0.09	0.26
PL06-NW	16-20	16-20	6083-SS-130808-04-05	8/8/2013	1.13	0.17	0.07	0.44	0.10	0.24	0.96	0.19	0.14	1.26	-	-	0.06	0.10	0.26	1.77	0.71	0.89	0.05	0.16
PL06-NW	20-24	20-24	6083-SS-130808-04-06	8/8/2013	0.95	0.14	0.06	0.15	0.06	0.23	1.05	0.16	0.07	0.38	-	-	0.01	0.08	0.24	0.91	0.33	0.85	0.02	0.06
PL06-NW	24-28	24-28	6083-SS-130808-04-07	8/8/2013	0.98	0.14	0.07	0.07	0.04	0.23	1.00	0.17	0.10	0.82	-	-	0.04	0.10	0.23	1.30	0.64	0.79	0.02	0.06
PL06-NW	28-31	28-31	6083-SS-130808-04-08	8/8/2013	1.02	0.16	0.08	0.21	0.05	0.23	0.97	0.16	0.09	1.35	-	-	0.07	0.13	0.23	0.97	0.32	0.84	0.03	0.09
PL06-NE	2-4	2-4	6084-SS-130808-04-01	8/8/2013	1.30	0.18	0.09	0.97	0.16	0.22	1.14	0.19	0.13	2.34	-	-	0.12	0.17	0.30	1.24	0.68	0.90	**NA**	0.34
PL06-NE	4-8	4-8	6084-SS-130808-04-02	8/8/2013	1.22	0.18	0.10	0.17	0.13	0.24	1.08	0.19	0.16	1.61	-	-	0.08	0.18	0.30	1.03	0.38	0.92	0.08	0.23
PL06-NE	4-8	4-8	6084-SS-130808-04-03	8/8/2013	1.16	0.16	0.08	0.27	0.12	0.24	1.26	0.20	0.14	1.61	-	-	0.08	0.13	0.27	1.61	0.82	0.98	0.11	0.30
PL06-NE	8-12	8-12	6084-SS-130808-04-04	8/8/2013	1.13	0.18	0.08	0.04	0.05	0.24	1.16	0.19	0.13	2.06	-	-	0.11	0.17	0.29	1.05	0.40	0.88	0.08	0.22
PL06-NE	12-16	12-16	6084-SS-130808-04-05	8/8/2013	1.07	0.16	0.08	0.03	0.04	0.24	1.11	0.16	0.12	1.61	-	-	0.08	0.15	0.24	1.02	0.37	0.94	0.06	0.16
PL06-NE	16-20	16-20	6084-SS-130808-04-06	8/8/2013	1.16	0.18	0.08	0.11	0.02	0.23	1.08	0.20	0.14	2.08	-	-	0.11	0.13	0.29	1.25	0.60	0.93	0.07	0.20
PL06-NE	20-24	20-24	6084-SS-130808-04-07	8/8/2013	0.98	0.14	0.05	0.07	0.02	0.22	0.96	0.15	0.09	0.80	-	-	0.00	0.14	0.23	0.80	0.30	0.77	0.02	0.05
PL06-NE	24-28	24-28	6084-SS-130808-04-08	8/8/2013	1.02	0.15	0.07	0.12	0.05	0.23	0.89	0.15	0.10	2.31	-	-	0.12	0.14	0.22	1.47	0.79	0.91	0.03	0.09
PL06-NE	28-31	28-31	6084-SS-130808-04-09	8/8/2013	1.16	0.17	0.09	0.07	0.03	0.23	1.12	0.18	0.14	1.59	-	-	0.08	0.14	0.24	0.84	0.33	0.77	0.08	0.21

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
PL06-SW	2-4	2-4	6082-SS-130808-04-01	8/8/2013	1.10	0.17	0.07	0.15	0.07	0.23	1.09	0.24	0.15	8.70	-	-	0.48	0.17	0.21	1.90	0.50	1.14	**NA**	0.22
PL06-SW	8-12	8-12	6082-SS-130808-04-02	8/8/2013	1.16	0.27	0.20	2.38	0.37	0.24	1.48	0.29	0.13	2.61	-	-	0.12	0.35	0.59	3.64	1.49	1.72	0.18	0.51
PL06-SW	12-16	12-16	6082-SS-130808-04-03	8/8/2013	1.38	0.39	0.17	1.51	0.31	0.25	0.90	0.37	0.96	1.06	-	-	-0.01	0.06	1.07	1.06	1.39	4.81	0.11	0.32
PL06-SW	16-20	16-20	6082-SS-130808-04-04	8/8/2013	0.95	0.15	0.08	0.13	0.05	0.24	1.13	0.16	0.09	2.93	-	-	0.16	0.14	0.18	1.25	0.66	0.85	0.04	0.12
PL06-SW	16-20	16-20	6082-SS-130808-04-05	8/8/2013	1.14	0.17	0.06	0.39	0.13	0.31	1.09	0.19	0.14	2.27	-	-	0.12	0.15	0.25	1.36	0.66	0.87	0.07	0.21
PL06-SW	20-24	20-24	6082-SS-130808-04-06	8/8/2013	0.91	0.13	0.06	0.05	0.04	0.31	1.00	0.16	0.10	1.96	-	-	0.10	0.14	0.24	1.19	0.61	0.78	0.01	0.02
PL06-SW	24-28	24-28	6082-SS-130808-04-07	8/8/2013	0.78	0.12	0.06	0.13	0.08	0.24	0.82	0.16	0.11	1.45	-	-	0.08	0.08	0.13	0.81	0.25	0.62	0.01	0.02
PL06-SW	28-31	28-31	6082-SS-130808-04-08	8/8/2013	0.98	0.15	0.07	0.67	0.12	0.24	0.92	0.15	0.12	1.04	-	-	-0.08	0.14	0.23	1.04	0.36	0.88	0.03	0.08
PL06-SE	0-4	0-4	6081-SS-130808-04-01	8/8/2013	0.93	0.13	0.06	2.31	0.24	0.23	0.97	0.16	0.11	5.60	-	-	0.30	0.18	0.19	2.29	0.71	0.84	**NA**	0.16
PL06-SE	4-8	4-8	6081-SS-130808-04-02	8/8/2013	1.06	0.15	0.06	0.25	0.08	0.23	1.13	0.17	0.08	1.89	-	-	0.10	0.14	0.24	1.43	0.72	0.89	0.06	0.18
PL06-SE	8-12	8-12	6081-SS-130808-04-03	8/8/2013	1.00	0.16	0.08	0.17	0.03	0.23	1.35	0.23	0.17	2.51	-	-	0.13	0.18	0.29	1.28	0.41	1.01	0.09	0.26
PL06-SE	12-16	12-16	6081-SS-130808-04-04	8/8/2013	0.98	0.31	0.22	2.03	0.39	0.23	1.68	0.44	0.29	4.60	-	-	0.25	0.37	0.81	1.81	1.25	3.57	0.18	0.50
PL06-SE	16-20	16-20	6081-SS-130808-04-05	8/8/2013	1.10	0.18	0.09	0.33	0.12	0.23	1.02	0.18	0.15	1.73	-	-	0.09	0.16	0.27	1.28	0.74	0.97	0.05	0.15
PL06-SE	20-24	20-24	6081-SS-130808-04-06	8/8/2013	1.10	0.16	0.07	0.23	0.12	0.25	1.05	0.16	0.11	1.98	-	-	0.09	0.14	0.24	2.05	0.71	0.80	0.06	0.16
PL06-SE	24-28	24-28	6081-SS-130808-04-07	8/8/2013	1.18	0.16	0.06	0.15	0.06	0.23	1.22	0.20	0.10	2.54	-	-	0.14	0.15	0.23	1.06	0.61	0.82	0.10	0.29
PL06-SE	28-30.5	28-30.5	6081-SS-130808-04-08	8/8/2013	0.89	0.14	0.07	0.20	0.03	0.23	1.02	0.15	0.13	1.19	-	-	0.06	0.14	0.24	0.91	0.31	0.94	0.01	0.03
WS-32-S	4-8	4-8	6027-SS-130804-05-01	8/4/2013	1.20	0.30	0.11	3.09	0.37	0.23	1.05	0.47	0.50	2.19	-	-	0.11	0.18	0.87	1.42	1.85	3.18	0.11	0.33
WS-32-S	8-12	8-12	6027-SS-130804-05-02	8/4/2013	1.02	0.15	0.07	2.13	0.24	0.25	1.22	0.18	0.14	2.92	-	-	0.15	0.14	0.27	1.84	0.71	0.88	0.10	0.29
WS-32-S	12-16	12-16	6027-SS-130804-05-03	8/4/2013	0.98	0.33	0.30	3.17	0.39	0.24	1.25	0.36	0.29	4.21	-	-	0.22	0.34	0.66	3.10	2.25	2.89	0.12	0.34
WS-32-S	16-20	16-20	6027-SS-130804-05-04	8/4/2013	0.99	0.16	0.08	3.34	0.41	0.24	1.15	0.19	0.13	3.21	-	-	0.17	0.14	0.22	1.56	0.72	0.90	0.10	0.28
WS-32-S	20-24	20-24	6027-SS-130804-05-05	8/4/2013	0.96	0.15	0.08	4.45	0.47	0.23	1.08	0.17	0.12	3.42	-	-	0.19	0.14	0.23	0.97	0.34	0.86	0.09	0.28
WS-32-S	24-28	24-28	6027-SS-130804-05-06	8/4/2013	1.01	0.15	0.07	2.92	0.51	0.24	0.92	0.16	0.11	3.16	-	-	0.17	0.15	0.20	1.61	0.72	0.88	0.07	0.20
WS-32-S	28-30	28-30	6027-SS-130804-05-07	8/4/2013	1.25	0.24	0.13	3.30	0.34	0.23	1.56	0.33	0.26	2.32	-	-	0.10	0.14	0.66	4.13	2.00	2.49	0.23	0.63
WS-32-S	30-32.5	30-32.5	6027-SS-130804-05-08	8/4/2013	1.18	0.26	0.17	1.00	0.19	0.24	0.95	0.31	0.26	5.71	-	-	0.31	0.38	0.61	2.53	2.29	2.91	0.08	0.24
WS-32-S	32.5-35	32.5-35	6027-SS-130804-05-09	8/4/2013	1.06	0.12	0.04	2.41	0.33	0.26	1.18	0.14	0.07	3.39	-	-	0.19	0.10	0.11	1.19	0.38	0.46	0.10	0.30
WS-32-E	0-4	0-4	6028-SS-130804-05-01	8/4/2013	0.29	0.05	0.03	1.81	0.18	0.21	0.24	0.05	0.04	4.40	-	-	0.24	0.09	0.10	0.80	0.36	0.43	**NA**	0.10
WS-32-E	4-8	4-8	6028-SS-130804-05-02	8/4/2013	0.99	0.14	0.06	2.02	0.35	0.26	1.24	0.18	0.09	2.73	-	-	0.15	0.10	0.17	0.98	0.32	0.82	0.10	0.27
WS-32-E	8-12	8-12	6028-SS-130804-05-03	8/4/2013	1.12	0.24	0.21	1.46	0.17	0.24	1.52	0.35	0.32	3.23	-	-	0.18	0.38	0.65	1.29	0.78	2.14	0.17	0.46
WS-32-E	12-16	12-16	6028-SS-130804-05-04	8/4/2013	1.06	0.16	0.07	1.89	0.21	0.24	1.07	0.17	0.13	0.75	-	-	0.03	0.12	0.28	1.37	0.54	0.80	0.07	0.21
WS-32-E	16-20	16-20	6028-SS-130804-05-05	8/4/2013	0.87	0.13	0.06	5.89	0.67	0.27	1.07	0.16	0.10	1.78	-	-	0.09	0.13	0.22	1.45	0.61	0.78	0.10	0.29
WS-32-E	20-24	20-24	6028-SS-130804-05-06	8/4/2013	1.34	0.18	0.07	5.14	0.61	0.28	1.09	0.18	0.14	0.65	-	-	0.03	0.06	0.23	0.93	0.32	0.80	0.17	0.49
WS-32-E	24-28	24-28	6028-SS-130804-05-07	8/4/2013	0.84	0.13	0.07	6.76	0.77	0.25	1.01	0.15	0.07	2.23	-	-	0.12	0.13	0.21	1.36	0.71	0.83	0.10	0.30

Attachment 6
Hybrid Well Investigation

Station ID	Depth (ft)	Depth below Original Grade (ft)	Sample ID	Date Sampled	Ra-226 (pCi/g)			Tc-99 (pCi/g)			Th-232 (pCi/g)			U-234 (pCi/g)*			U-235 (pCi/g)			U-238 (pCi/g)			Excav SOF_n	Unif SOF_n
					Result	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC	Calc	±2s	MDC	Result	±2s	MDC	Result	±2s	MDC		
WS-32-E	28-30	28-30	6028-SS-130804-05-08	8/4/2013	0.90	0.13	0.05	1.64	0.30	0.25	1.03	0.16	0.12	1.77	-	-	0.09	0.13	0.20	1.20	0.61	0.80	0.03	0.10
WS-32-E	30-32.5	30-32.5	6028-SS-130804-05-09	8/4/2013	0.90	0.15	0.08	0.60	0.09	0.26	0.99	0.17	0.14	2.51	-	-	0.14	0.10	0.18	1.00	0.64	0.83	0.01	0.05
WS-32-E	32.5-35	32.5-35	6028-SS-130804-05-10	8/4/2013	0.83	0.13	0.07	1.18	0.51	0.29	0.99	0.15	0.10	1.90	-	-	0.09	0.12	0.15	1.62	0.58	0.72	0.02	0.07
WS-32-W	4-8	4-8	6031-SS-130804-05-01	8/4/2013	0.88	0.13	0.06	1.79	0.20	0.23	1.04	0.16	0.10	3.34	-	-	0.18	0.13	0.23	1.37	0.60	0.77	0.04	0.12
WS-32-W	8-12	8-12	6031-SS-130804-05-02	8/4/2013	1.12	0.37	0.42	1.54	0.25	0.22	1.39	0.41	0.48	10.29	-	-	0.56	0.58	0.83	3.28	1.82	2.52	0.16	0.46
WS-32-W	8-12	8-12	6031-SS-130804-05-03	8/4/2013	1.21	0.39	0.43	1.22	0.13	0.22	1.13	0.45	0.62	2.42	-	-	0.12	0.14	0.84	2.00	1.00	2.58	0.11	0.30
WS-32-W	12-16	12-16	6031-SS-130804-05-04	8/4/2013	0.89	0.13	0.07	1.93	0.25	0.22	1.04	0.16	0.09	1.27	-	-	0.06	0.14	0.24	1.42	0.70	0.84	0.04	0.11
WS-32-W	16-20	16-20	6031-SS-130804-05-05	8/4/2013	0.93	0.15	0.09	2.64	0.25	0.22	1.08	0.18	0.13	3.77	-	-	0.21	0.16	0.21	1.08	0.36	0.87	0.06	0.19
WS-32-W	20-24	20-24	6031-SS-130804-05-06	8/4/2013	1.03	0.15	0.06	2.56	0.25	0.22	1.03	0.19	0.12	0.98	-	-	0.04	0.15	0.26	1.35	0.81	0.97	0.07	0.20
WS-32-W	24-28	24-28	6031-SS-130804-05-07	8/4/2013	0.84	0.13	0.06	2.62	0.30	0.23	1.10	0.16	0.08	2.51	-	-	0.14	0.13	0.16	0.90	0.32	0.83	0.06	0.18
WS-32-W	28-30	28-30	6031-SS-130804-05-08	8/4/2013	0.94	0.14	0.05	2.59	0.31	0.24	0.88	0.22	0.17	0.79	-	-	0.03	0.11	0.30	1.59	0.76	0.94	0.05	0.14
WS-32-W	30-32.5	30-32.5	6031-SS-130804-05-09	8/4/2013	1.02	0.15	0.06	0.76	0.11	0.23	1.12	0.20	0.11	0.48	-	-	0.02	0.10	0.29	0.90	0.36	0.88	0.06	0.16
WS-32-W	32.5-35	32.5-35	6031-SS-130804-05-10	8/4/2013	0.81	0.12	0.06	12.80	1.29	0.22	1.04	0.15	0.08	1.32	-	-	0.06	0.12	0.20	1.38	0.62	0.75	0.18	0.55
WS-32-N	0-4	0-4	6032-SS-130804-05-01	8/4/2013	0.07	0.02	0.02	0.14	0.03	0.18	0.01	0.02	0.02	0.58	-	-	0.03	0.04	0.06	0.08	0.09	0.26	**N/A**	0.01
WS-32-N	4-8	4-8	6032-SS-130804-05-02	8/4/2013	1.20	0.17	0.07	1.06	0.12	0.23	1.14	0.18	0.12	1.89	-	-	0.10	0.15	0.26	1.18	0.32	0.83	0.10	0.29
WS-32-N	8-12	8-12	6032-SS-130804-05-03	8/4/2013	1.18	0.31	0.29	5.80	0.59	0.22	1.13	0.36	0.51	6.35	-	-	0.34	0.44	0.70	2.89	1.07	2.06	0.17	0.50
WS-32-N	12-16	12-16	6032-SS-130804-05-04	8/4/2013	0.91	0.15	0.08	1.72	0.21	0.25	0.81	0.15	0.17	2.44	-	-	0.12	0.12	0.18	1.99	0.84	0.97	0.03	0.10
WS-32-N	16-20	16-20	6032-SS-130804-05-05	8/4/2013	0.88	0.13	0.07	2.93	0.46	0.26	1.16	0.17	0.14	2.21	-	-	0.12	0.14	0.21	1.40	0.62	0.81	0.08	0.22
WS-32-N	20-24	20-24	6032-SS-130804-05-06	8/4/2013	0.94	0.16	0.08	1.78	0.21	0.25	1.19	0.21	0.16	1.75	-	-	0.09	0.17	0.28	1.65	0.80	0.98	0.07	0.21
WS-32-N	24-28	24-28	6032-SS-130804-05-07	8/4/2013	0.80	0.13	0.07	1.64	0.78	0.33	0.95	0.15	0.10	2.38	-	-	0.13	0.15	0.20	1.40	0.69	0.83	0.03	0.09
WS-32-N	28-30	28-30	6032-SS-130804-05-08	8/4/2013	0.85	0.20	0.15	0.33	0.14	0.28	1.20	0.29	0.11	1.58	-	-	0.07	0.33	0.56	1.99	0.76	2.23	0.05	0.13
WS-32-N	30-32.5	30-32.5	6032-SS-130804-05-09	8/4/2013	1.13	0.33	0.19	1.99	0.35	0.29	0.92	0.40	0.59	5.49	-	-	0.30	0.47	0.76	2.08	1.27	3.35	0.08	0.25
WS-32-N	32.5-35	32.5-35	6032-SS-130804-05-10	8/4/2013	0.85	0.13	0.03	0.13	0.09	0.25	1.02	0.17	0.08	2.16	-	-	0.11	0.13	0.23	1.25	0.69	0.88	0.01	0.04

*U-234 results without ±2σ and MDC are calculated inferred results using the method from Section 14.1.4.3.3 and Table 14-5 of the Decommissioning Plan (DP) (Reference 10):
- When U-235 is negative or zero and U-238 is reported as positive, natural Uranium is assumed and the U-234 concentration = U-238 concentration.
- When U-235 is positive and U-238 is negative or zero, highly enriched uranium is assumed and the U-234 concentration = (U-235 concentration)(32.50). U-234:U-235 ratio is based on 100 percent enrichment.
- When both U-235 and U-238 data are positive, but the U-238:U-235 ratio for the data is less than 0.0001 (indicating highly enriched uranium), the U-234 concentration = (U-235 concentration)(32.50).
- When both U-235 and U-238 data are positive, but the U-238:U-235 ratio for the data is greater than 155.37 (indicating depleted uranium), the U-234 concentration = (U-235 concentration)(46.31). This is the smallest U-234:U-235 ratio from Table 14-5 of the DP.
- When both U-235 and U-238 data are positive, and the U-238:U-235 ratio is not any of the cases listed above, then the U-238:U-235 ratio for the data is used to determine the associated U-234:U-235 ratio from Table 14-5 of the DP.
- When both U-235 and U-238 data are negative or zero, U-234 concentration = 0.

** Possible samples matrices cross contamination at laboratory, gamma spec not performed. SOF calculations based on Tc-99 only.

Note: Gamma Vision software generated very high uncertainty result for low level negative U-235 activity for BP-17-N, 20-24f t interval, sample ID 6015-SS-130802-05-06

Attachment 7
GPS Coordinates

StationID	GPS Coordinates	
	Northing	Easting
BD-01	864837.54	827137.11
BD01-E	864838.58	827138.19
BD01-N	864839.07	827136.28
BD01-S	864835.95	827138.15
BD01-W	864836.10	827135.77
BD-02	864827.88	827174.22
BD02-E	864830.44	827175.96
BD02-N	864830.27	827171.51
BD02-S	864827.85	827175.89
BD02-W	864825.70	827173.32
BD-03	864830.06	827127.92
BD03-E	864831.25	827129.65
BD03-N	864831.64	827127.04
BD03-S	864828.98	827129.50
BD03-W	864829.35	827126.16
BD-04	864796.35	827184.34
BD04-E	864797.31	827184.83
BD04-N	864797.67	827183.43
BD04-S	864794.64	827185.14
BD04-W	864793.97	827182.28
BD-05	865013.66	827316.80
BD05 - E	865014.47	827321.47
BD05 - N	865019.07	827317.00
BD05 - S	865009.44	827317.07
BD05 - W	865013.63	827312.53
BD-06	865059.02	827285.37
BD06 - E	865060.09	827285.92
BD06 - N	865059.91	827284.44
BD06 - S	865058.26	827286.27
BD06 - W	865058.35	827284.62
BD-07	864947.94	827289.60
BD07 - E	864949.46	827289.94
BD07 - N	864949.74	827287.02
BD07 - S	864946.48	827290.73
BD07 - W1	864946.42	827287.46
BD07 - W2	864946.50	827287.43
BD-08	864986.24	827364.17
BD08 - E	864987.20	827365.06
BD08 - N	864987.30	827362.72
BD08 - S	864984.51	827366.14
BD08 - W	864985.30	827362.89
BD-13	864668.28	827189.72
BD13-E	864671.50	827186.10
BD13-N	864673.29	827184.28
BD13-S	864670.52	827186.67
BD13-W	864670.34	827184.78
BD-14	864736.00	827250.00
BD-16	864876.27	827382.82
BD-17	865103.41	827256.91
BD-18	865049.46	827257.23
BD-19	864979.08	827151.86
BD-20	865012.41	827211.26
BD-21	865011.04	827299.77
BD-22	864953.41	827212.63
BD-23	864965.76	827345.05
BD-24	864922.75	827150.28
BD-25	864920.48	827255.17
BD-26	864919.10	827344.36
BD-27	864890.97	827283.99
BD-28	864838.73	827025.78
BD-29	864831.97	827121.38
BD-30	864830.60	827210.57
BD-31	864829.23	827299.08

Attachment 7
GPS Coordinates

StationID	GPS Coordinates	
	Northing	Easting
BD-32	864785.31	827143.34
BD-33	864792.18	827257.23
BD-36	864801.50	827380.48
BD-37	864748.27	827220.87
BD-39	864700.93	827181.07
NB-101	865025.90	827347.83
NB-103	865000.02	827396.33
NB-105	864917.68	827044.72
NB-106	864917.25	827116.15
NB-113	864740.12	827083.87
NB-115	864698.83	827127.78
BP-015	865286.14	827405.16
BP-040	865152.43	827557.90
BP-055	865022.42	827680.69
BP-17	865166.84	827550.73
BP-17 - E	865168.55	827552.61
BP-17 - N	865168.38	827548.97
BP-17 - S	865165.64	827552.55
BP-17 -W	865165.30	827549.19
BP-17-1	865170.90	827554.90
BP-17-2	865176.75	827552.61
BP-17-3	865168.52	827560.81
BP-17-4	865200.00	827554.20
BP-17-5	865188.90	827570.00
BP-17-6	865168.52	827569.01
BP-20A	865068.00	827833.00
BP-21	864954.39	827824.82
BP-22A	864898.00	827738.00
CB-02	864604.00	826651.00
DM-02	864950.54	827470.53
DM02 - E	864952.06	827473.82
DM02 - N	864953.02	827466.81
DM02 - S	864948.21	827473.05
DM02 - W	864948.14	827467.37
EP-14	864601.24	827230.34
EP-14-E	864602.77	827227.98
EP-14-N	864602.81	827225.77
EP-14-S	864600.49	827227.66
EP-14-W	864600.66	827225.03
EP-15	864515.49	827213.95
EP-15-1 SW	864510.29	827208.64
EP-15-2 NW	864519.96	827208.30
EP-15-E	864516.80	827215.02
EP-15-N	864516.66	827212.54
EP-15-S	864513.68	827215.68
EP-15-W	864514.39	827212.99
EP-16	864542.24	827245.37
EP-16-3 NW	864548.53	827240.10
EP-16-4 NE	864546.34	827252.47
EP-16-5 SE	864527.80	827230.56
EP-16-E	864543.32	827246.14
EP-16-N	864545.05	827244.52
EP-16-S	864541.86	827247.14
EP-16-W	864542.15	827243.83
EP-20	864615.38	827331.56
LF-08	864522.95	827159.97
LF-08 (LF-105)	864541.72	827145.06
LF-08-E(LF-105)	864544.28	827147.57
LF-08-N(LF-105)	864545.84	827142.81
LF-08-S(LF-105)	864542.51	827146.55
LF-08-W(LF-105)	864540.07	827143.23
LF-09	864561.93	827117.53
LF-09-E	864562.68	827118.18

Attachment 7
GPS Coordinates

StationID	GPS Coordinates	
	Northing	Easting
LF-09-N	864563.49	827114.53
LF-09-S	864558.76	827119.42
LF-09-W	864559.98	827115.81
NB-30	864720.30	827695.04
NB-31	864713.58	827582.73
NB-32	864580.46	827466.77
NB-33	864489.21	827369.68
NB-34	864377.18	827314.42
NB-35	864511.76	827533.94
NB-39	864704.94	827440.55
NB-46	865595.03	827912.33
NB-50	865103.73	827079.22
NB-54	864661.18	826838.25
NB-56	864934.42	827046.38
NB-57A	864923.51	826896.32
NB-61	864995.63	827917.12
NB-65	864180.23	828422.68
NB-71	865308.27	827948.61
NB-78	864598.90	828218.51
NB-80	865280.15	827571.83
NB-81	864884.50	827967.43
NB-85	863905.76	826970.43
NB-86	863782.77	827096.90
OA-19	864975.91	827431.47
OB-01	863749.53	826667.87
PL-04	864818.81	827578.14
PL-06	864366.85	827061.01
PL-06-E	864364.90	827064.44
PL-06-N	864375.00	827058.30
PL-06-S	864361.86	827062.70
PL-06-W	864370.17	827055.08
PZ-2	864474.11	827376.38
Tc-99 7A	864806.08	827153.58
Tc-99 7B	864809.00	827145.31
Tc-99 7C	864809.79	827156.85
Tc-99 7D	864798.24	827157.58
Tc-99 7E	864797.44	827146.12
TC99-1	864856.14	827091.09
TC99-10	864777.41	827181.66
TC99-11	864807.60	827207.90
TC99-12	864837.79	827234.14
TC99-13	864751.17	827211.85
TC99-14	864781.36	827238.09
TC99-15	864811.55	827264.33
TC99-16	864802.53	827123.84
TC99-17	864775.13	827126.33
TC99-18	864773.53	827155.69
TC99-2	864886.33	827117.34
TC99-3	864916.52	827143.58
TC99-4	864829.90	827121.28
TC99-5	864860.09	827147.52
TC99-6	864890.28	827173.77
TC99-7	864803.66	827151.47
TC99-8	864833.84	827177.71
TC99-9	864864.03	827203.95
WS-13	864784.25	827319.00
WS-17B	864809.12	827553.22
WS-23	865305.20	827216.38
WS-25	865368.54	827398.21
WS-27	865109.83	827666.47
WS-29	865042.09	827872.67
WS-32	864812.94	827556.78
WS32 - E	864813.00	827558.36

Attachment 7
GPS Coordinates

StationID	GPS Coordinates	
	Northing	Easting
WS32 - N	864813.62	827555.37
WS32 - S	864810.67	827557.77
WS32 - W	864811.08	827555.71
WS-34	864374.81	826918.92

Attachment 8
Boring Logs and Surveys

DRILLING LOG

HOLE NUMBER BD-14

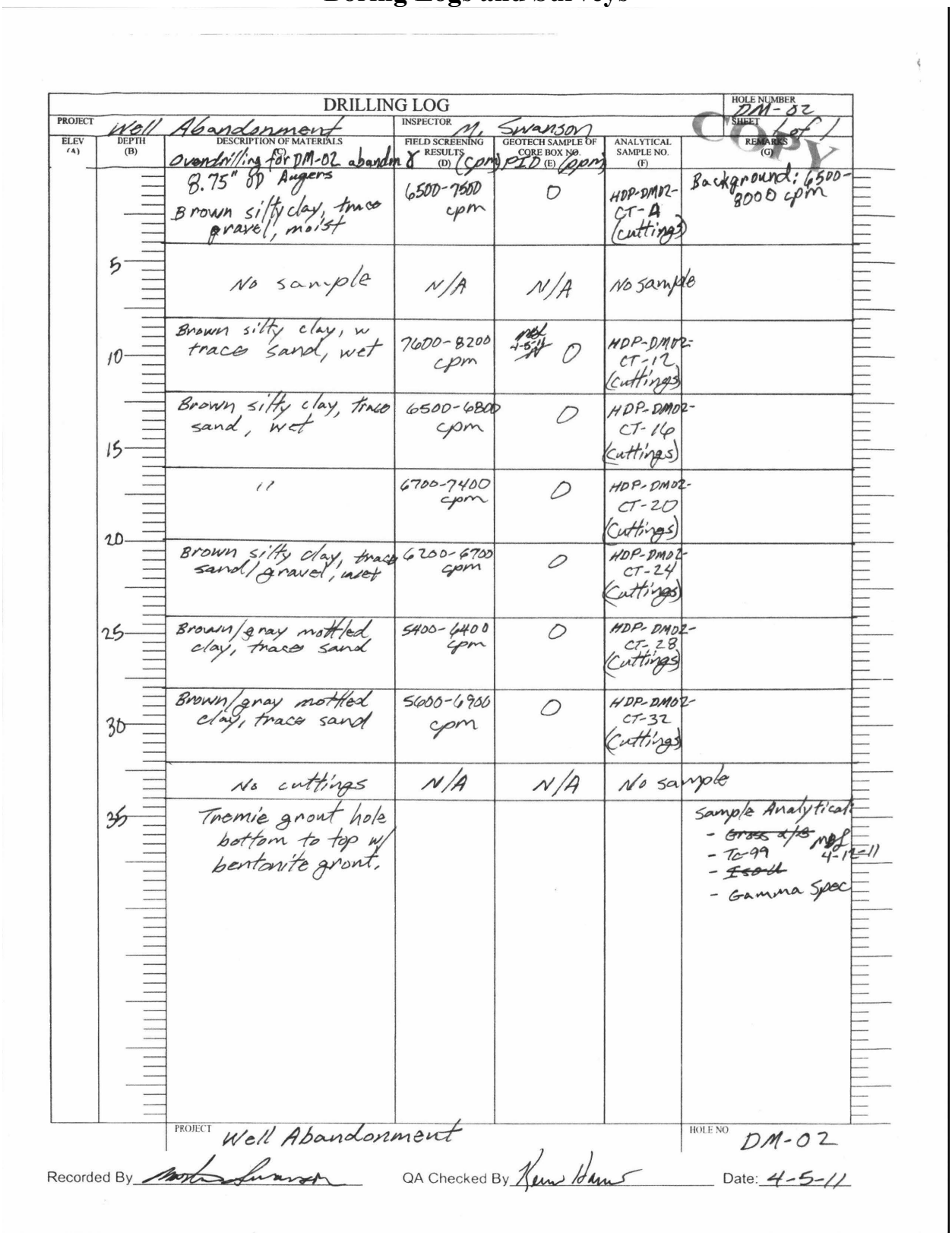
PROJECT Well Abandonment | INSPECTOR M. Swanson | SHEET 1 of 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (D) (cpm)	GEOTECH SAMPLE OF CORE BOX NO. (E) (cpm)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
		Overdrilling for BD-14 abandonment				
		8.75" O.D. Augers. Brown silty clay, moist trace sand	4400-5200 cpm	0	HDP-BD14-CT-4 (cuttings)	Background: 5100-5700 cpm
	5	"	4200-4400 cpm	0	HDP-BD14-CT-8 (cuttings)	
	10	"	4700-4900 cpm	0	HDP-BD14-CT-12 (cuttings)	
	15	No sample	N/A	N/A	~~HDP-BD14-CT-16~~ No sample	
		Brown silty clay, wet, trace sand	4600-4900 cpm	0	HDP-BD14-CT-20 (cuttings)	
	20	"	4600-4900 cpm	0	HDP-BD14-CT-24 (cuttings)	
	25	"	4300-4400 cpm	0	HDP-BD14-CT-28 (cuttings)	
	30	No sample	N/A	N/A	No sample	
		Brown silty clay, ~~wet~~, trace sand	4200-4800 cpm	0	HDP-BD14-CT-33 (cuttings)	
	35	Tremie grout hole bottom to top w/ bentonite grout.				Sample Analytical: ~~-Gross α/β~~ - Tc-99 MRG 4-12-11 ~~-Iso U~~ - Gamma Spec

PROJECT Well Abandonment | HOLE NO. BD-14

Recorded By Martin Swanson | QA Checked By Kevin Hann | Date: 4-6-11

Attachment 8
Boring Logs and Surveys



DRILLING LOG

HOLE NUMBER DM-02

PROJECT Well Abandonment

INSPECTOR M. Swanson

SHEET 1 of 1

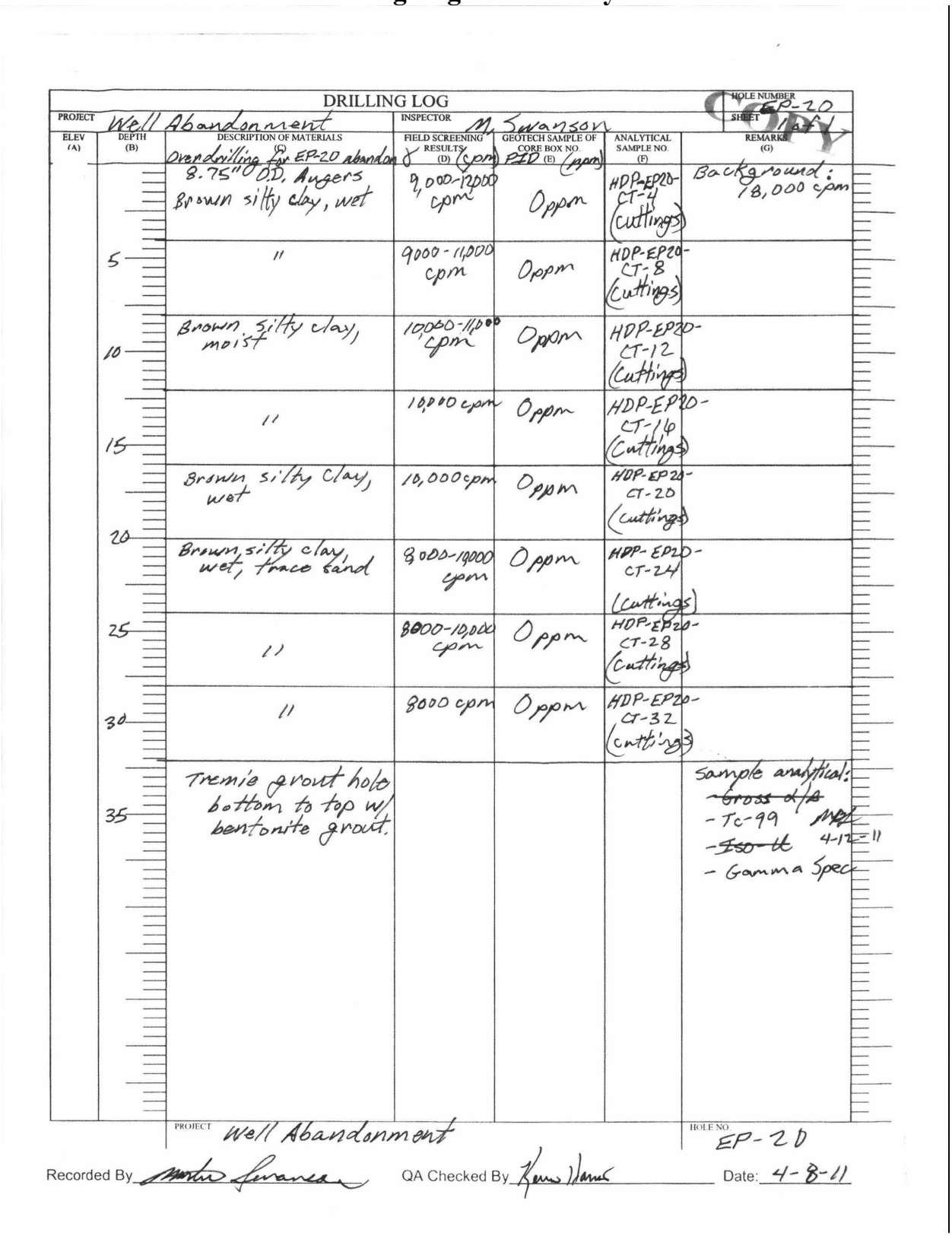
COPY

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS (D) (cpm)	GEOTECH SAMPLE OF CORE BOX NO. PID (E) (ppm)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
		Overdrilling for DM-02 abandon & 8.75" OD Augers				
		Brown silty clay, trace gravel, moist	6500-7600 cpm	0	HDP-DM02-CT-4 (cuttings)	Background: 6500-8000 cpm
	5	No sample	N/A	N/A	No sample	
		Brown silty clay, w trace sand, wet	7600-8200 cpm	~~N/A~~ 4-5-11 0	HDP-DM02-CT-12 (cuttings)	
	10	Brown silty clay, trace sand, wet	6500-6800 cpm	0	HDP-DM02-CT-16 (cuttings)	
		"	6700-7400 cpm	0	HDP-DM02-CT-20 (cuttings)	
	15	Brown silty clay, trace sand/gravel, wet	6200-6700 cpm	0	HDP-DM02-CT-24 (cuttings)	
		Brown/gray mottled clay, trace sand	5400-6400 cpm	0	HDP-DM02-CT-28 (cuttings)	
	20	Brown/gray mottled clay, trace sand	5600-6900 cpm	0	HDP-DM02-CT-32 (cuttings)	
		No cuttings	N/A	N/A	No sample	
	25	Tremie grout hole bottom to top w/ bentonite grout.				Sample Analytical: - ~~Gross a/b~~ - Tc-99 - ~~Isotl~~ - Gamma Spec NBS 4-12-11

PROJECT Well Abandonment HOLE NO DM-02

Recorded By [signature] QA Checked By [signature] Date: 4-5-11

Attachment 8
Boring Logs and Surveys



DRILLING LOG

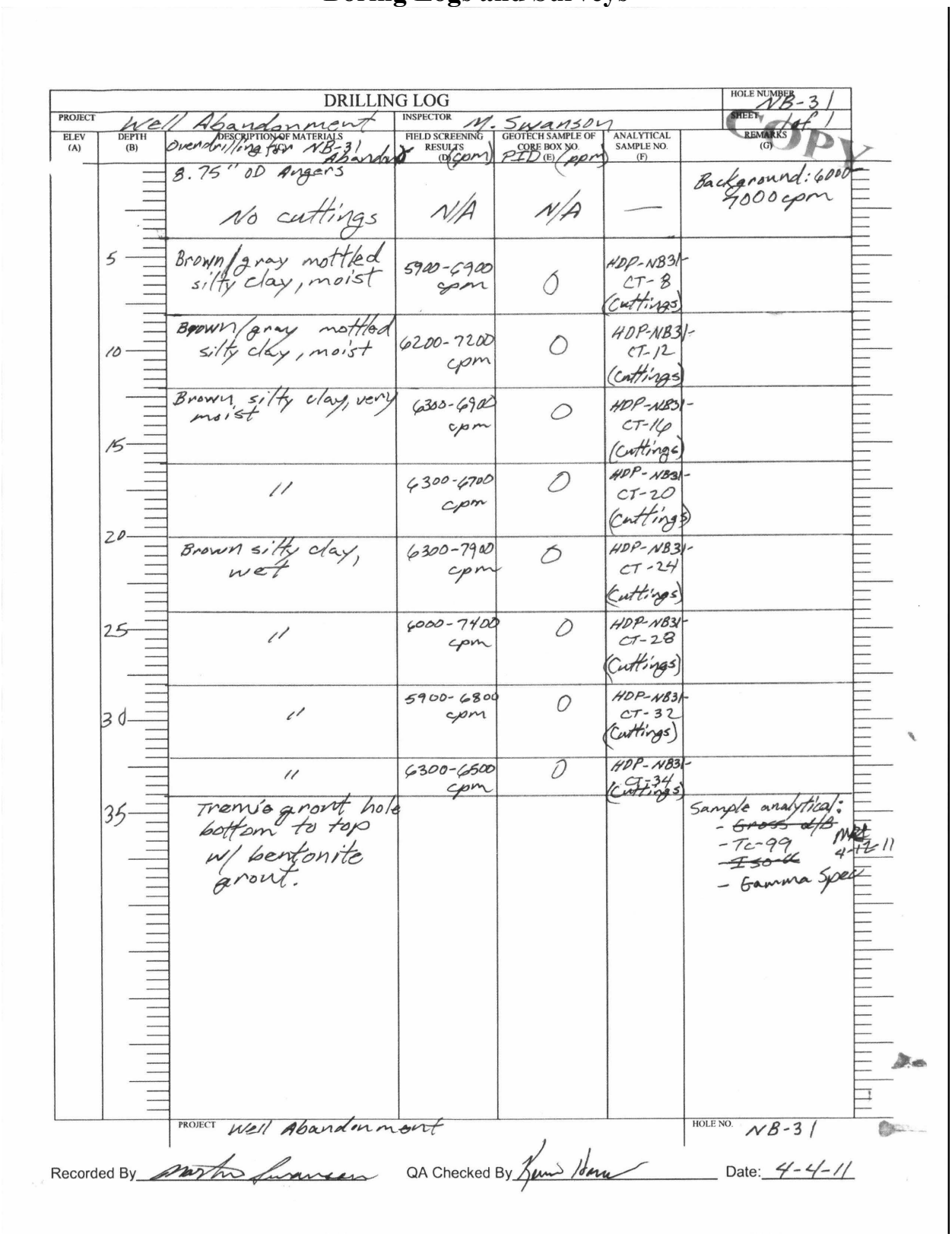
PROJECT: Well Abandonment | INSPECTOR: M. Swanson | HOLE NUMBER: EP-20 | SHEET: 1 of 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (D) (cpm)	GEOTECH SAMPLE OF CORE BOX NO. PID (E) (ppm)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
		Overdrilling for EP-20 abandon & 8.75" OD, Augers Brown silty clay, wet	9,000-12000 cpm	0ppm	HDP-EP20-CT-4 (cuttings)	Background: 18,000 cpm
	5	"	9000-11,000 cpm	0ppm	HDP-EP20-CT-8 (cuttings)	
		Brown, silty clay, moist	10,000-11,000 cpm	0ppm	HDP-EP20-CT-12 (Cuttings)	
	10	"	10,000 cpm	0ppm	HDP-EP20-CT-16 (Cuttings)	
	15	Brown silty clay, wet	10,000cpm	0ppm	HDP-EP20-CT-20 (cuttings)	
	20	Brown, silty clay, wet, trace sand	8,000-10000 cpm	0ppm	HDP-EP20-CT-24 (cuttings)	
	25	"	8000-10,000 cpm	0ppm	HDP-EP20-CT-28 (Cuttings)	
	30	"	8000 cpm	0ppm	HDP-EP20-CT-32 (cuttings)	
	35	Tremie grout hole bottom to top w/ bentonite grout.				Sample analytical: ~~Gross α/β~~ - Tc-99 MDL - ~~Iso-U~~ 4-12-11 - Gamma Spec

PROJECT: Well Abandonment | HOLE NO.: EP-20

Recorded By: [signature] | QA Checked By: [signature] | Date: 4-8-11

Attachment 8
Boring Logs and Surveys



DRILLING LOG

HOLE NUMBER NB-31

PROJECT Well Abandonment

INSPECTOR M. Swanson

SHEET 1 of 1

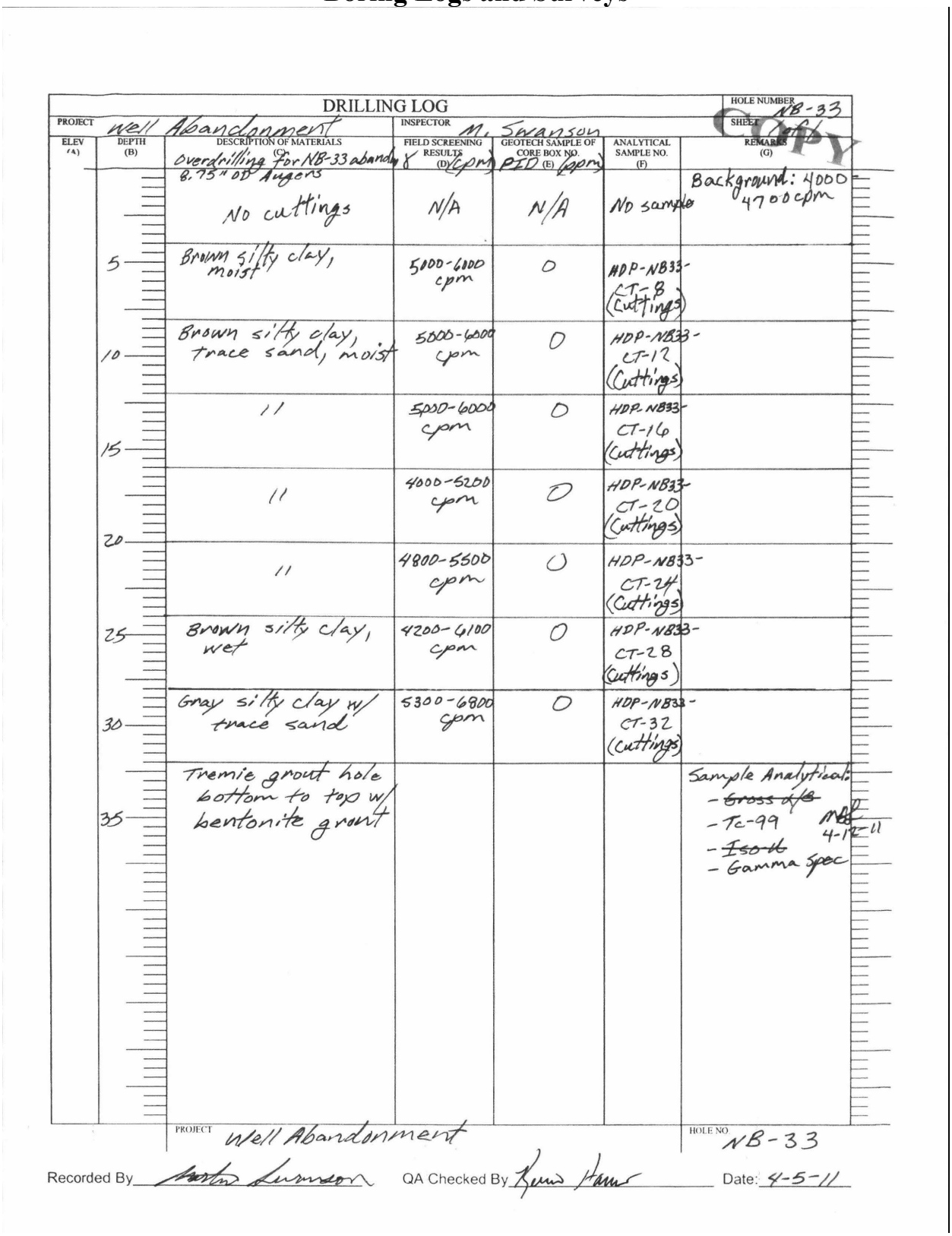
COPY

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS Overdrilling for NB-31 Abandonment	FIELD SCREENING RESULTS (D) (cpm)	GEOTECH SAMPLE OF CORE BOX NO. PID (E) (ppm)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
		8.75" OD Augers No cuttings	N/A	N/A	—	Background: 6000-6900 cpm
	5	Brown/gray mottled silty clay, moist	5900-6900 cpm	0	HDP-NB31-CT-8 (Cuttings)	
	10	Brown/gray mottled silty clay, moist	6200-7200 cpm	0	HDP-NB31-CT-12 (Cuttings)	
	15	Brown, silty clay, very moist	6300-6900 cpm	0	HDP-NB31-CT-16 (Cuttings)	
		"	6300-6700 cpm	0	HDP-NB31-CT-20 (Cuttings)	
	20	Brown silty clay, wet	6300-7900 cpm	0	HDP-NB31-CT-24 (Cuttings)	
	25	"	6000-7400 cpm	0	HDP-NB31-CT-28 (Cuttings)	
	30	"	5900-6800 cpm	0	HDP-NB31-CT-32 (Cuttings)	
		"	6300-6500 cpm	0	HDP-NB31-CT-34 (Cuttings)	
	35	Tremie grout hole bottom to top w/ bentonite grout.				Sample analytical: - ~~Gross α/β~~ - Tc-99 MRL 4-12-11 - ~~Isotk~~ - Gamma Spec

PROJECT Well Abandonment HOLE NO. NB-31

Recorded By Martin Swanson QA Checked By Kevin Hower Date: 4-4-11

Attachment 8
Boring Logs and Surveys



DRILLING LOG

HOLE NUMBER NB-33

PROJECT Well Abandonment

INSPECTOR M. Swanson

SHEET

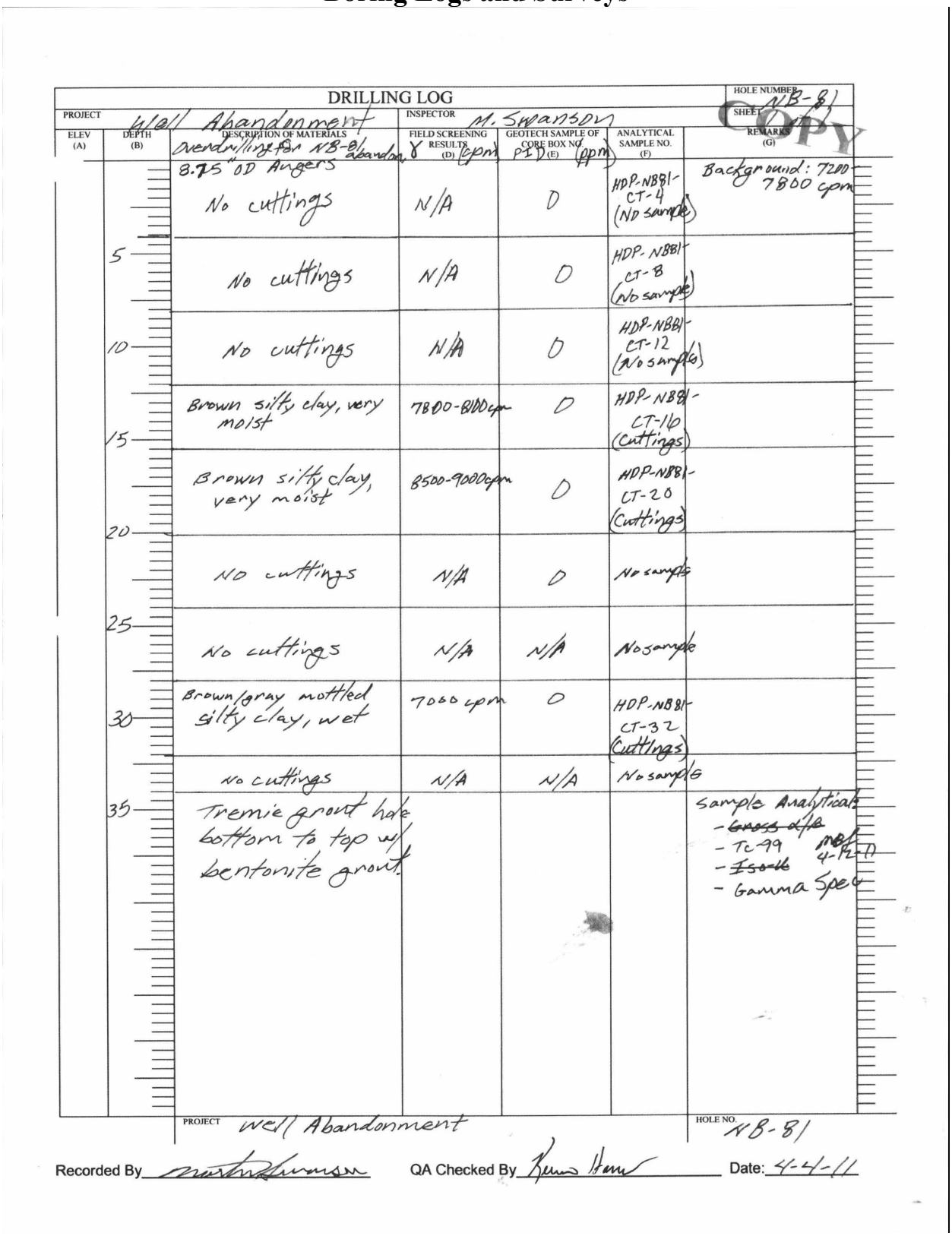
COPY

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (D) (cpm)	GEOTECH SAMPLE OF CORE BOX NO. (E) PID (ppm)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
		Overdrilling for NB-33 abandonment 8.75" OD Augers				Background: 4000-4700 cpm
		No cuttings	N/A	N/A	No sample	
	5	Brown silty clay, moist	5000-6000 cpm	0	HDP-NB33-CT-8 (Cuttings)	
	10	Brown silty clay, trace sand, moist	5000-6000 cpm	0	HDP-NB33-CT-12 (Cuttings)	
		"	5000-6000 cpm	0	HDP-NB33-CT-16 (Cuttings)	
	15	"	4000-5200 cpm	0	HDP-NB33-CT-20 (Cuttings)	
	20	"	4800-5500 cpm	0	HDP-NB33-CT-24 (Cuttings)	
	25	Brown silty clay, wet	4200-6100 cpm	0	HDP-NB33-CT-28 (Cuttings)	
		Gray silty clay w/ trace sand	5300-6800 cpm	0	HDP-NB33-CT-32 (Cuttings)	
	30	Tremie grout hole bottom to top w/ bentonite grout				Sample Analytical: - ~~Gross α/β~~ - Tc-99 ND 4-12-11 - ~~Iso-U~~ - Gamma spec
	35					

PROJECT Well Abandonment HOLE NO. NB-33

Recorded By Morton Swanson QA Checked By Kevin Hamm Date: 4-5-11

Attachment 8
Boring Logs and Surveys



DRILLING LOG

HOLE NUMBER NB-81

PROJECT well Abandonment

INSPECTOR M. Swanson

SHEET 1 of 1

COPY

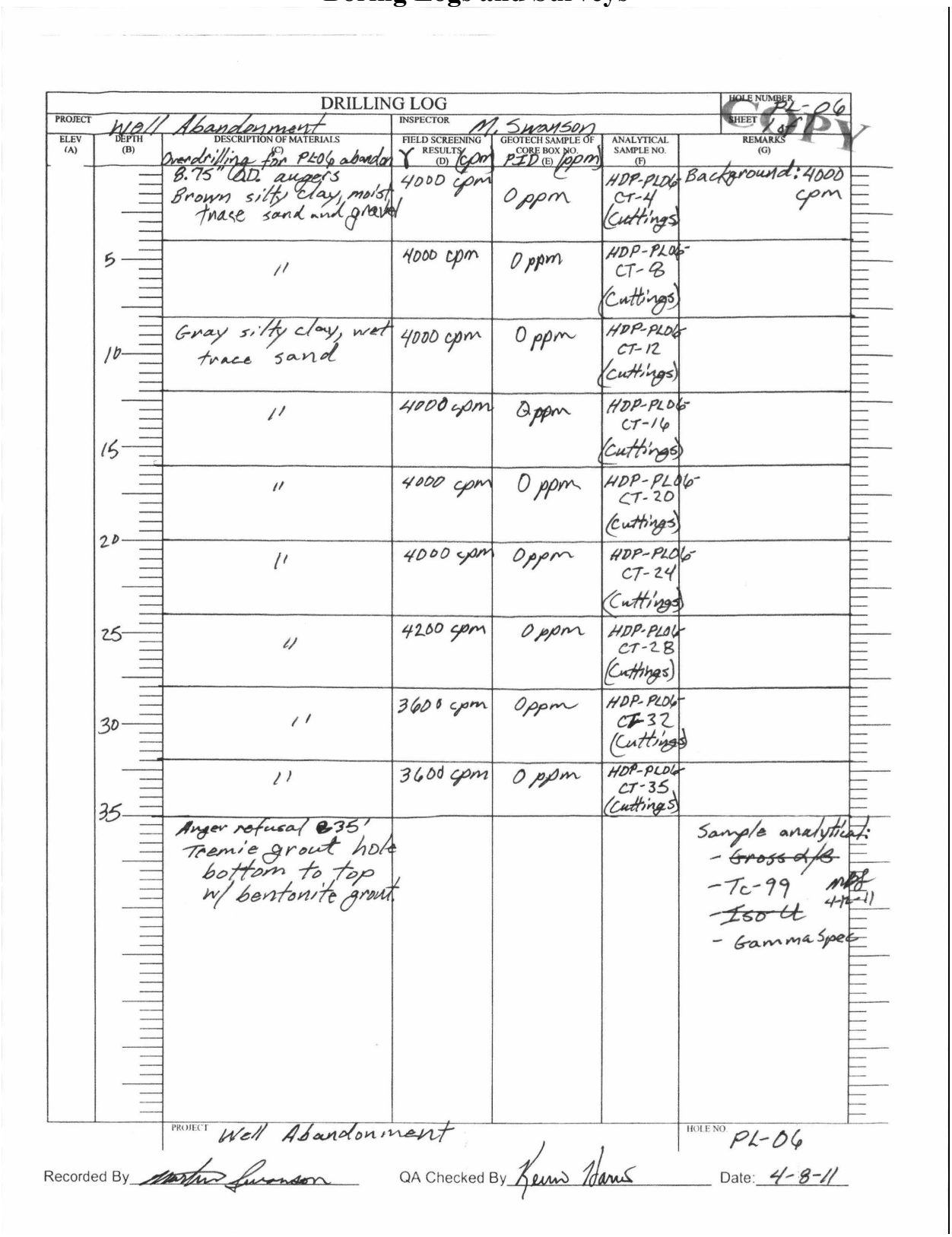
ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS (D) (cpm)	GEOTECH SAMPLE OF CORE BOX NO PID (E) (ppm)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
		Overdrilling for NB-81 abandon. 8.75" OD Augers				Background: 7200-7800 cpm
		No cuttings	N/A	0	HDP-NB81-CT-4 (No sample)	
	5	No cuttings	N/A	0	HDP-NB81-CT-8 (No sample)	
	10	No cuttings	N/A	0	HDP-NB81-CT-12 (No sample)	
		Brown silty clay, very moist	7800-8100cpm	0	HDP-NB81-CT-16 (Cuttings)	
	15	Brown silty clay, very moist	8500-9000cpm	0	HDP-NB81-CT-20 (Cuttings)	
	20	No cuttings	N/A	0	No sample	
	25	No cuttings	N/A	N/A	No sample	
		Brown/gray mottled silty clay, wet	7000 cpm	0	HDP-NB81-CT-32 (Cuttings)	
	30	No cuttings	N/A	N/A	No sample	
	35	Tremie grout hole bottom to top w/ bentonite grout.				Sample Analytical: ~~- Gross α/β~~ - Tc-99 NBS 4-12-11 ~~- Iso-U~~ - Gamma Spec

PROJECT well Abandonment

HOLE NO. NB-81

Recorded By [signature] QA Checked By [signature] Date: 4-4-11

Attachment 8
Boring Logs and Surveys



DRILLING LOG

HOLE NUMBER PL-06
SHEET 1 of 1

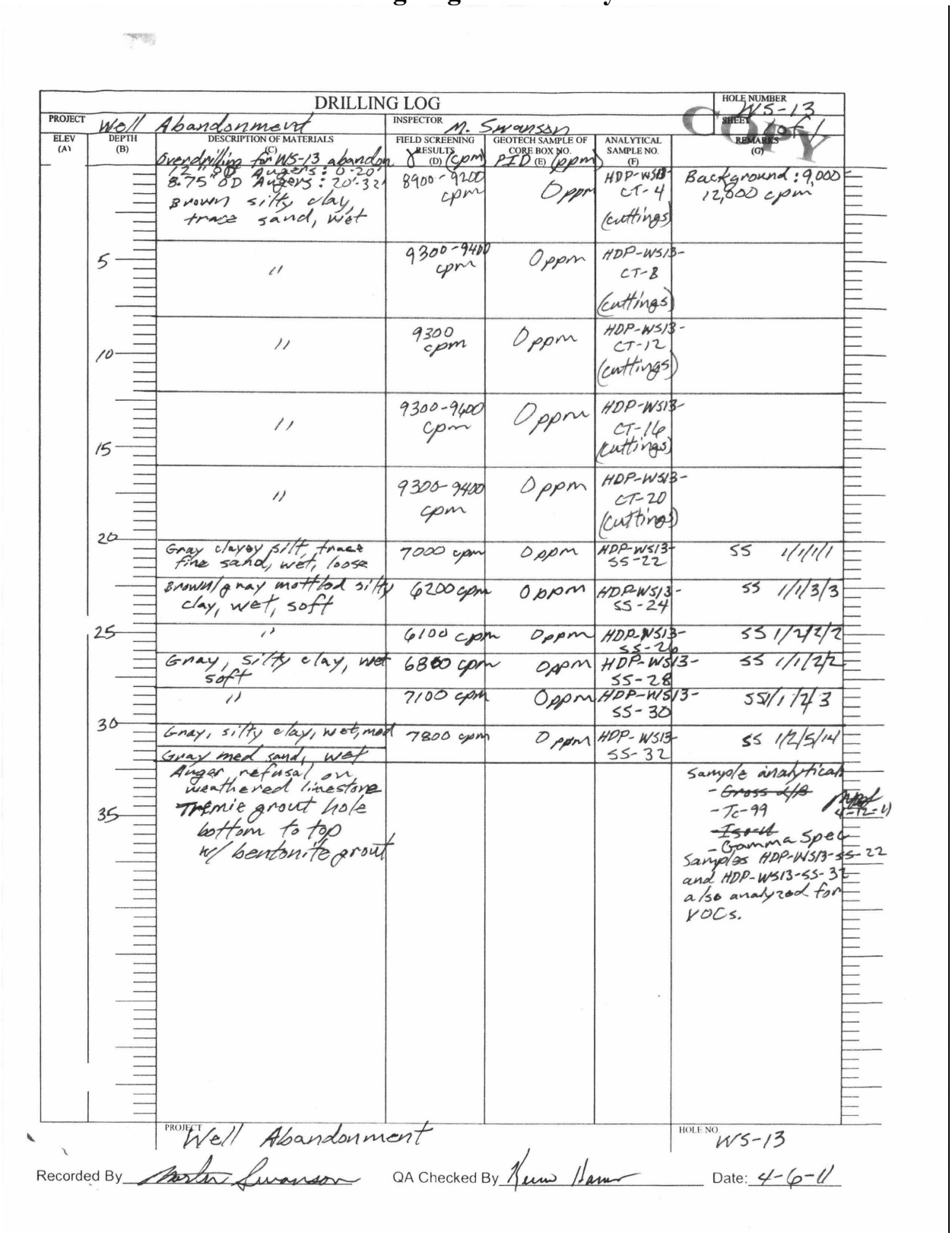
PROJECT Well Abandonment
INSPECTOR M. Swanson

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (D) cpm	GEOTECH SAMPLE OF CORE BOX NO. PID (E) ppm	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
		Overdrilling for PL06 abandon 8.75" O.D. augers Brown silty clay, moist trace sand and gravel	4000 cpm	0 ppm	HDP-PL06-CT-4 (Cuttings)	Background: 4000 cpm
	5	"	4000 cpm	0 ppm	HDP-PL06-CT-8 (Cuttings)	
	10	Gray silty clay, wet trace sand	4000 cpm	0 ppm	HDP-PL06-CT-12 (Cuttings)	
	15	"	4000 cpm	0 ppm	HDP-PL06-CT-16 (Cuttings)	
	20	"	4000 cpm	0 ppm	HDP-PL06-CT-20 (Cuttings)	
	25	"	4000 cpm	0 ppm	HDP-PL06-CT-24 (Cuttings)	
	30	"	4200 cpm	0 ppm	HDP-PL06-CT-28 (Cuttings)	
	35	"	3600 cpm	0 ppm	HDP-PL06-CT-32 (Cuttings)	
		"	3600 cpm	0 ppm	HDP-PL06-CT-35 (Cuttings)	
		Auger refusal @ 35' Tremie grout hole bottom to top w/ bentonite grout				Sample analytical: - ~~Gross d/B~~ - Tc-99 MDB 4-11-11 - ~~Iso U~~ - Gamma Spec

PROJECT Well Abandonment HOLE NO. PL-06

Recorded By Martin Swanson QA Checked By Kevin Harris Date: 4-8-11

Attachment 8
Boring Logs and Surveys



DRILLING LOG

HOLE NUMBER WS-13
SHEET 1 of 1

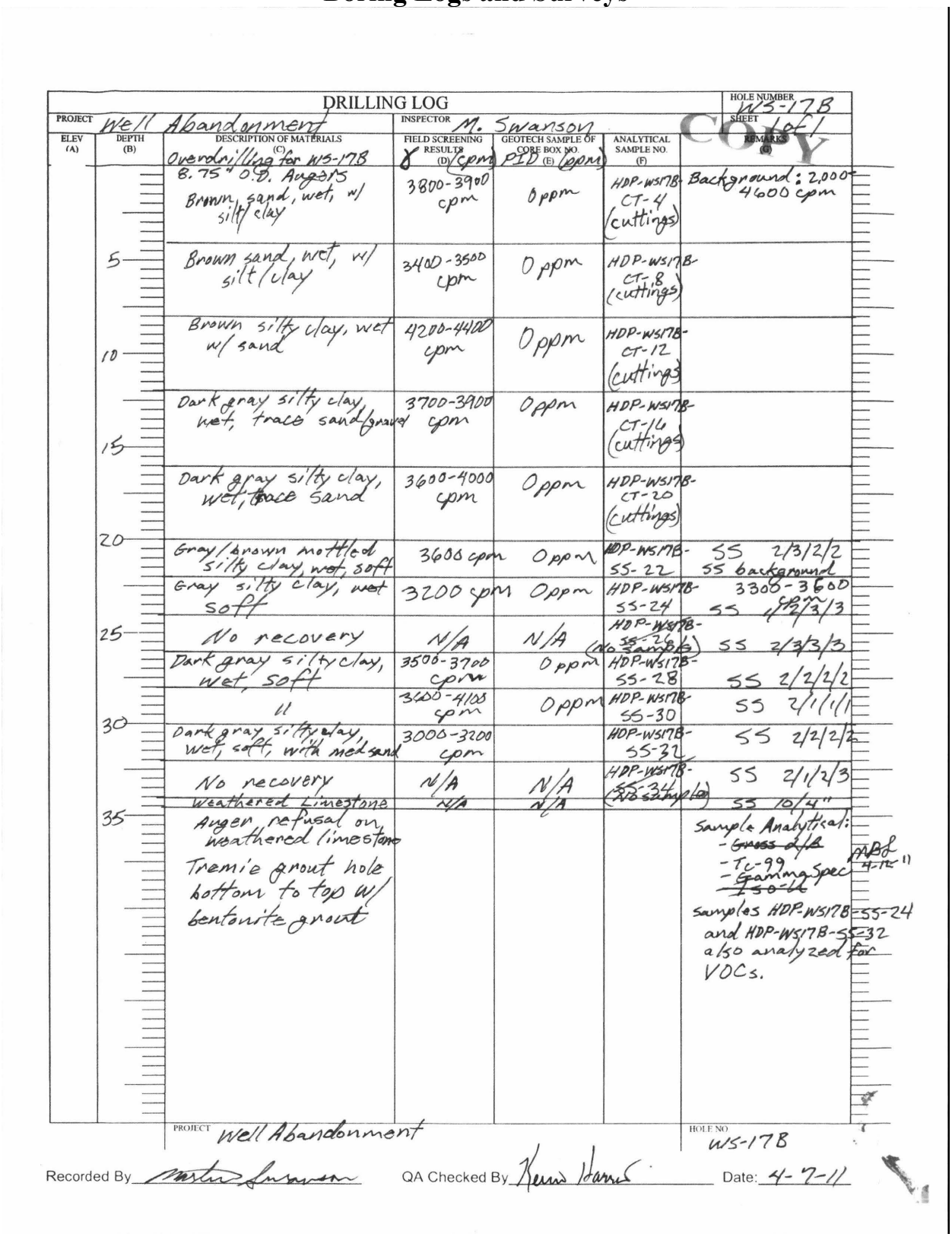
PROJECT Well Abandonment
INSPECTOR M. Swanson

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (D)	GEOTECH SAMPLE OF CORE BOX NO. PID (E)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
		Overdrilling for WS-13 abandon 12.75" OD Augers: 0-20' 8.75" OD Augers: 20-32' Brown silty clay, trace sand, wet	8900-9200 cpm (cpm)	0 ppm (ppm)	HDP-WS13-CT-4 (cuttings)	Background: 9,000-12,000 cpm
	5	"	9300-9400 cpm	0 ppm	HDP-WS13-CT-8 (cuttings)	
	10	"	9300 cpm	0 ppm	HDP-WS13-CT-12 (cuttings)	
	15	"	9300-9400 cpm	0 ppm	HDP-WS13-CT-16 (cuttings)	
		"	9300-9400 cpm	0 ppm	HDP-WS13-CT-20 (cuttings)	
	20	Gray clayey silt, trace fine sand, wet, loose	7000 cpm	0 ppm	HDP-WS13-SS-22	SS 1/1/1/1
		Brown/gray mottled silty clay, wet, soft	6200 cpm	0 ppm	HDP-WS13-SS-24	SS 1/1/3/3
	25	"	6100 cpm	0 ppm	HDP-WS13-SS-26	SS 1/2/2/2
		Gray, silty clay, wet soft	6800 cpm	0 ppm	HDP-WS13-SS-28	SS 1/1/2/2
		"	7100 cpm	0 ppm	HDP-WS13-SS-30	SS 1/1/2/3
	30	Gray, silty clay, wet, med	7800 cpm	0 ppm	HDP-WS13-SS-32	SS 1/2/5/14
		Gray med sand, wet				
		Auger refusal on weathered limestone				Sample analytical: ~~-Gross α/β~~ -Tc-99 ~~-Isotopic~~ -Gamma Spec Samples HDP-WS13-SS-22 and HDP-WS13-SS-32 also analyzed for VOCs.
	35	Thermie grout hole bottom to top w/ bentonite grout				

PROJECT Well Abandonment HOLE NO. WS-13

Recorded By Martin Swanson QA Checked By Kenn Hamm Date: 4-6-11

Attachment 8
Boring Logs and Surveys



DRILLING LOG

HOLE NUMBER WS-17B

PROJECT Well Abandonment

INSPECTOR M. Swanson

SHEET 1 of 1

COPY

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	FIELD SCREENING RESULTS (D)	GEOTECH SAMPLE OF CORE BOX NO. PID (E)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
		Overdrilling for WS-17B 8.75" O.D. Augers	X (cpm)	(ppm)		
		Brown sand, wet, w/ silt/clay	3800-3900 cpm	0 ppm	HDP-WS17B-CT-4 (cuttings)	Background: 2,000-4600 cpm
	5	Brown sand, wet, w/ silt/clay	3400-3500 cpm	0 ppm	HDP-WS17B-CT-8 (cuttings)	
		Brown silty clay, wet w/ sand	4200-4400 cpm	0 ppm	HDP-WS17B-CT-12 (cuttings)	
	10	Dark gray silty clay, wet, trace sand/gravel	3700-3900 cpm	0 ppm	HDP-WS17B-CT-16 (cuttings)	
		Dark gray silty clay, wet, trace sand	3600-4000 cpm	0 ppm	HDP-WS17B-CT-20 (cuttings)	
	15	Gray/brown mottled silty clay, wet, soft	3600 cpm	0 ppm	HDP-WS17B-SS-22	SS 2/3/2/2 SS background
		Gray silty clay, wet soft	3200 cpm	0 ppm	HDP-WS17B-SS-24	3300-3600 SS 4/2/3/3
	20	No recovery	N/A	N/A	HDP-WS17B-SS-26 (No Sample)	SS 2/3/3/3
		Dark gray silty clay, wet, soft	3500-3700 cpm	0 ppm	HDP-WS17B-SS-28	SS 2/2/2/2
		"	3400-4100 cpm	0 ppm	HDP-WS17B-SS-30	SS 2/1/1/1
	25	Dark gray silty clay, wet, soft, with med sand	3000-3200 cpm		HDP-WS17B-SS-32	SS 2/2/2/2
		No recovery	N/A	N/A	HDP-WS17B-SS-34 (No Sample)	SS 2/1/2/3
		Weathered Limestone	N/A	N/A		SS 10/4"
	30	Auger refusal on weathered limestone				Sample Analytical: ~~- Gross α/β~~ - Tc-99 - Gamma Spec ~~- Iso-U~~ (MDA 4.7E-11)
		Tremie grout hole bottom to top w/ bentonite grout				samples HDP-WS17B-SS-24 and HDP-WS17B-SS-32 also analyzed for VOCs.
	35					

PROJECT Well Abandonment

HOLE NO. WS-17B

Recorded By Martin Swanson QA Checked By Kevin Harris Date: 4-7-11

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0
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FORM HDP-PR-HP-311-3

RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Monitoring Well Abandonment well ID BD-02			
DATE: 1/9/2012	TIME: 16:00	RWP: RP-12-G00[illegible]	LOG NUMBER:	0024 S 120109
PURPOSE OF SURVEY:	Survey Per Monitoring Well Abandonment results of spoils from BD-02			

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 G	234985 / PR 263817	4/11/2012	2504	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:

0'-5' results 453 cpm ID 01

Sample ID 2116-SS-120109-04-01 to 07 CoC # 110112-01

5'-10' results 2105 cpm ID 02

TECHNICIAN(S): Thomas Yackel 1-11-12
Print Name/Sign/Date

N A
Print Name/Sign/Date

REVIEWER: JERRY BAILEY 1-11-12
Print Name/Sign/Date

COPY

Quality Record

Attachment 8
Boring Logs and Surveys

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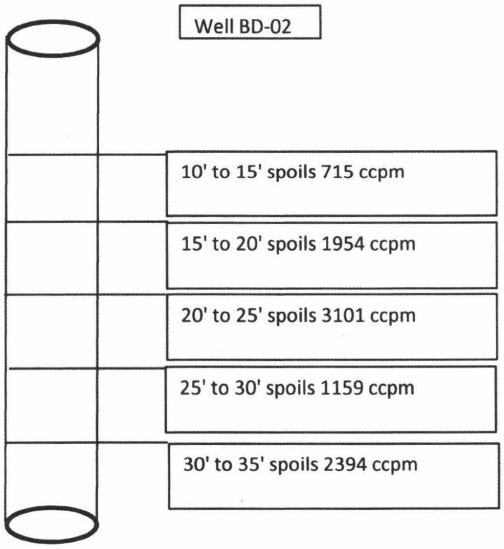
FORM HDP-PR-HP-311-3

RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION: BD-02				
DATE: 1/10/2011	TIME: 11:30	RWP: RP-12-G004	LOG NUMBER: 0036-CH-120110	
PURPOSE OF SURVEY: Abandonment of Well BD-02				
Instrument Types(s)	**Serial Number (meter/detector)**	**Cal Due Date: (meter-detector)**	**Background (CPM α/βγ)**	**Efficiency (%) (α/βγ)**
Lud 2221 44-10 M	271431 / PR 295008	11/5/2012	2947	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:



TECHNICIAN(S): Terry J. Leathers 1-12-12
Print Name/Sign/Date

J. Howe 1.12.12
Print Name/Sign/Date

REVIEWER: W. Clark Evers / W. Clark 1/12/12
Print Name/Sign/Date

Quality Record

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0
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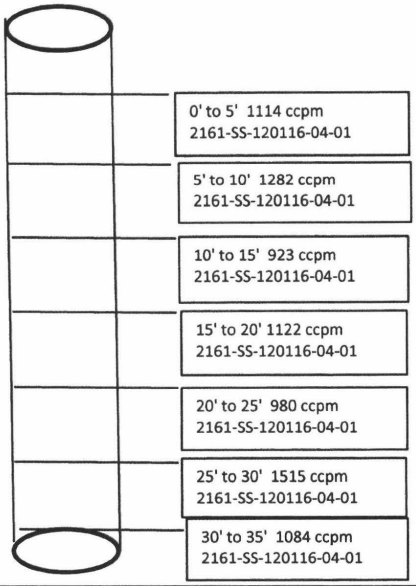
FORM HDP-PR-HP-311-3

RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well BD-03			
DATE: 1/17/2012	TIME: 15:00	RWP: RP-12-G004	LOG NUMBER:	0111-CH-120117
PURPOSE OF SURVEY:	Characterization of well			

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 I	268654 / PR 295021	11/5/2012	5170	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS: Note ccpm denotes corrected counts per minute



TECHNICIAN(S): Terry J. Leatham 1-19-12
Print Name/Sign/Date

Jeff Heleen 1-19-12
Print Name/Sign/Date

REVIEWER: W. Clark Every/W. Clark Every 1/24/12
Print Name/Sign/Date

Quality Record

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Boring Logs and Surveys

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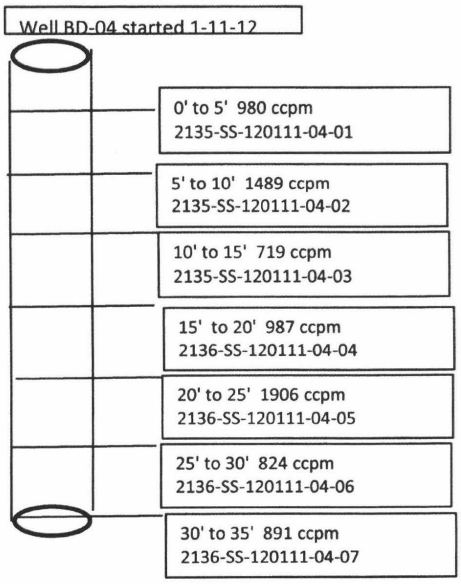
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION: Well BD-04				
DATE: 1/16/2012	TIME: 11:00	RWP: RP-12-G004	LOG NUMBER: 0110-CH-120111	
PURPOSE OF SURVEY: Characterization of well abandonment				
Instrument Types(s)	**Serial Number (meter/detector)**	**Cal Due Date: (meter-detector)**	**Background (CPM α/βγ)**	**Efficiency (%) (α/βγ)**
Lud 2221 44-10 I	268654 / PR 295021	11/5/2012	4132	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS: Note ccpm denotes corrected counts per minute



TECHNICIAN(S): Terry J. Leatham/1-19-12
Print Name/Sign/Date

Jeff Heleen 1-19-12
Print Name/Sign/Date

REVIEWER: W. Clark Ervin / W. Clark Ervin
Print Name/Sign/Date

Quality Record

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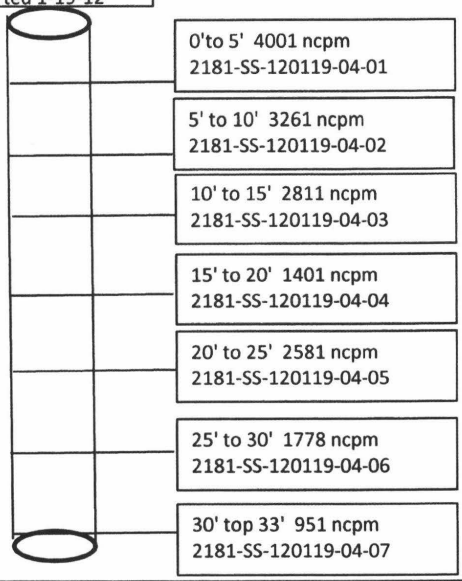
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well BD-06		
DATE: 1/23/2013	TIME: 10:00	RWP: RP-12-G004	LOG NUMBER: 0125-CH-120123
PURPOSE OF SURVEY:	Well Abandonment		

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 N	271440 / PR 295019	4/19/2012	9940	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:

BD-06 started 1-19-12



TECHNICIAN(S): Terry J. Leatham 1-23-12
Print Name/Sign/Date

Jeff Heleen 1-23-12
Print Name/Sign/Date

REVIEWER: W. Clark Ervin / W. Clark Ervin 1/25/12
Print Name/Sign/Date

Quality Record

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0
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RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

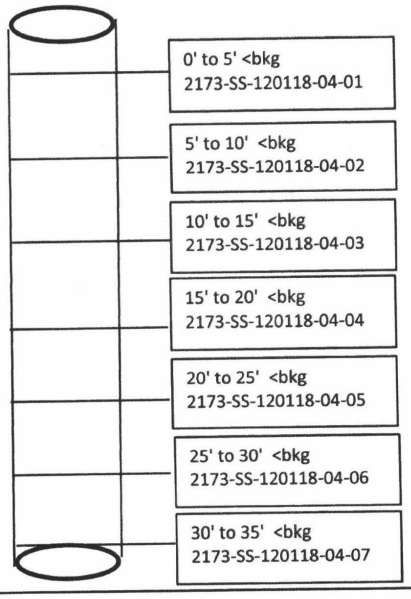
SURVEY LOCATION: Well BD-08

DATE: 1/19/2012 | TIME: 8:00 | RWP: RP-12-G004 | LOG NUMBER: 0112-CH-120118

PURPOSE OF SURVEY: Well abandonment

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 M	271431 / PR 295008	11/5/2012	9172	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:



TECHNICIAN(S): Terry J. Leatham 1-19-12
Print Name/Sign/Date

Jeff Heleen 1-19-12
Print Name/Sign/Date

REVIEWER: W. Clark Eng/ W. Clark Eng 1/23/12
Print Name/Sign/Date

Quality Record

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0
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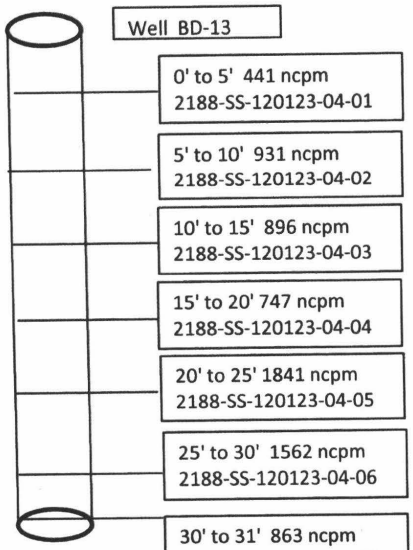
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well BD-13		
DATE: 1/23/2012	TIME: 16:00	RWP: RP-12-G004	LOG NUMBER: 0135-CH-120123
PURPOSE OF SURVEY:	Well Abandonment		

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 N	271440 / PR 295019	4/19/2012	3309	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:



TECHNICIAN(S): Terry J. Leatham 1-24-12
Print Name/Sign/Date

Jeff Heleen 1-24-12
Print Name/Sign/Date

REVIEWER: W. Clark Enos / W. Clark Enos 1/25/12
Print Name/Sign/Date

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Boring Logs and Surveys

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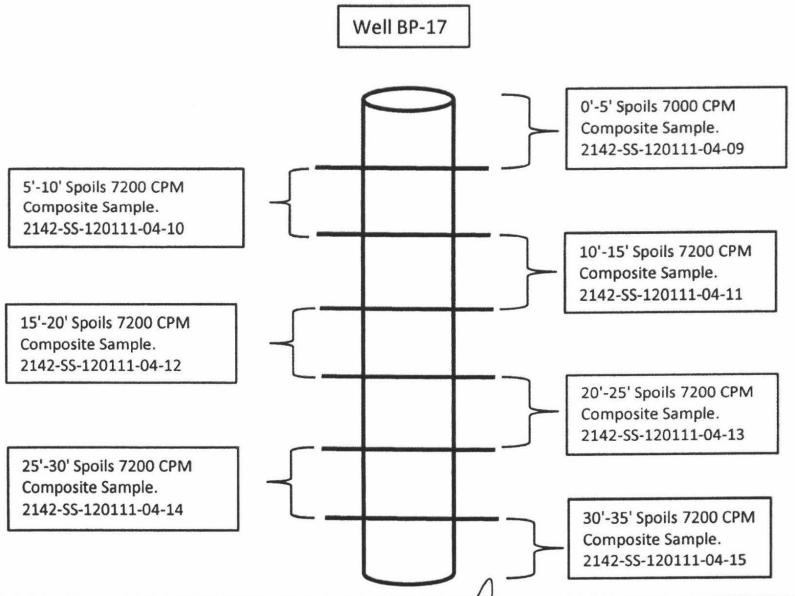
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well BP-17			
DATE: 1/17/2012	TIME: 10:35	RWP: G004	LOG NUMBER:	0096 CH 120117
PURPOSE OF SURVEY:	Abandonment of Well BP-17.			

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 E	228822 / PR 263811	3/23/2012	7200	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:



TECHNICIAN(S): Timothy Michel 1-17-12
Print Name/Sign/Date

William Orr 1-17-12
Print Name/Sign/Date

REVIEWER: W. Clark Evers 1/18/12
Print Name/Sign/Date

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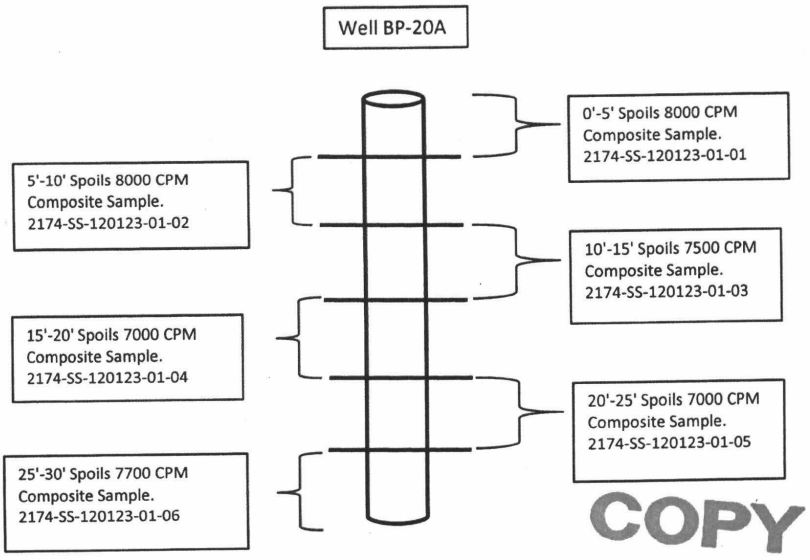
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION: Well BP-20A			
DATE: 1/24/2012	TIME: 7:22	RWP: G004	LOG NUMBER: 0131 CH 120123
PURPOSE OF SURVEY: Spoils from Abandonment of Well BP-20A.			

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 I	268654 / PR 295021	11/5/2012	8000	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS: All Readings taken with 2221 Recorded in Gross Counts.



TECHNICIAN(S): Timothy Michel 1-23-12
Print Name/Sign/Date

William Orr 1-23-12
Print Name/Sign/Date

REVIEWER: W. Clark Ervin / W. Clark Ervin 1/25/12
Print Name/Sign/Date

Quality Record

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Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0
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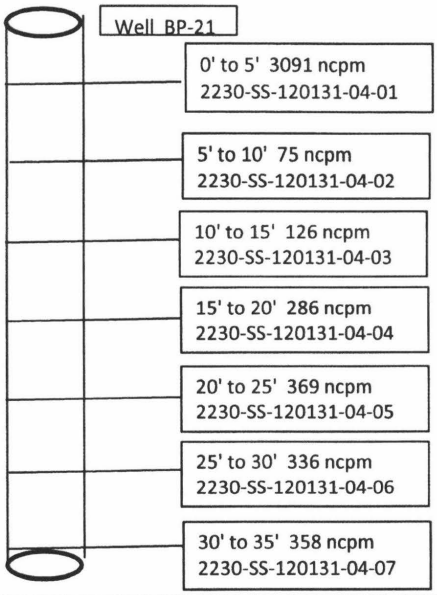
FORM HDP-PR-HP-311-3
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well BP-21			
DATE: 1/31/2012	TIME: 15:50	RWP: RP-12-G004	LOG NUMBER:	0212-C-120131
PURPOSE OF SURVEY:	Well Abandonment			

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 M	271431 / PR 295008	11/5/2012	6620	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:



TECHNICIAN(S): Terry J. Leatham 2-1-12
Print Name/Sign/Date

Jeff Heleen 2-1-12
Print Name/Sign/Date

REVIEWER: Clark Evers 2/2/12
Print Name/Sign/Date

Quality Record

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0
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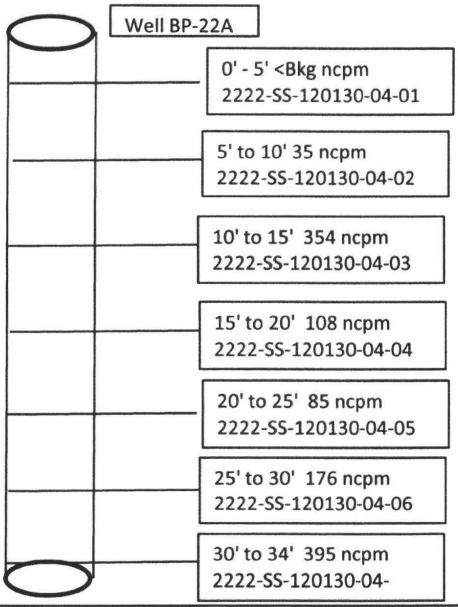
FORM HDP-PR-HP-311-3

RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION: Well BP-22A				
DATE: 1/30/2012	TIME: 15:30	RWP: RP-12-G004	LOG NUMBER: 0186-CH-120130	
PURPOSE OF SURVEY: Well Abandonment				
Instrument Types(s)	**Serial Number (meter/detector)**	**Cal Due Date: (meter-detector)**	**Background (CPM α/βγ)**	**Efficiency (%) (α/βγ)**
Lud 2221 44-10 M	271431 / PR 295008	11/5/2012	6945	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:



TECHNICIAN(S): Terry J. Leatham 1-31-12
Print Name/Sign/Date

Jeff Heleen 1-31-12
Print Name/Sign/Date

REVIEWER: W Clark Eng/W Clark Eng 2/1/12
Print Name/Sign/Date

Quality Record

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0
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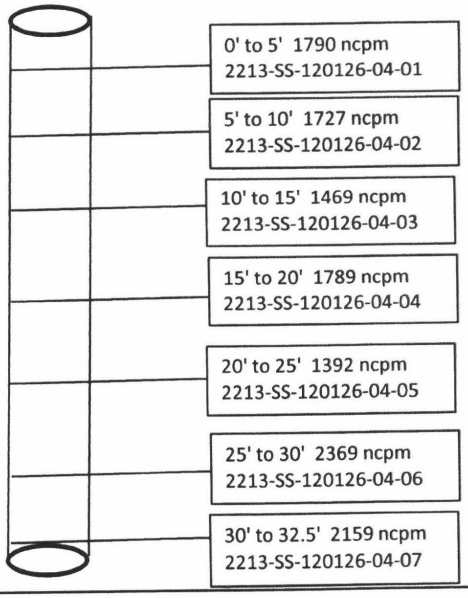
FORM HDP-PR-HP-311-3

RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well EP-14		
DATE: 1/26/2012	TIME: 13:45	RWP: RP-12-G004	LOG NUMBER: 0165-CH-120126
PURPOSE OF SURVEY:	Well Abandonment		

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 N	271440 / PR 295019	4/19/2012	4943	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:



TECHNICIAN(S): Terry J. Leatham 1-26-12
Print Name/Sign/Date

Jeff Heleen 1-26-12
Print Name/Sign/Date

REVIEWER: W. Clark Emery/W. Clark Emery 1/30/12
Print Name/Sign/Date

Quality Record

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0
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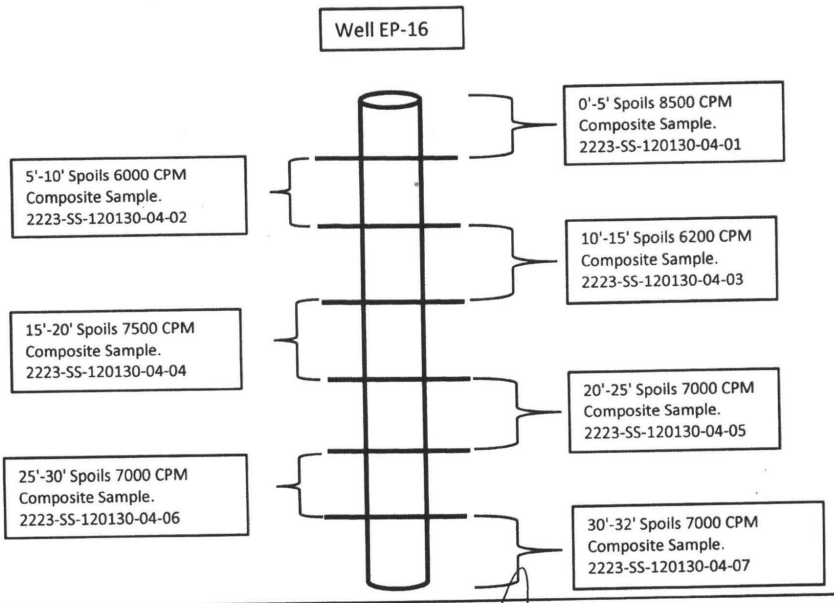
FORM HDP-PR-HP-311-3

RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION: Well EP-16			
DATE: 1/30/2012	TIME: 11:20	RWP: G004	LOG NUMBER: 0195 CH 120130
PURPOSE OF SURVEY: Abandonment of Well EP-16.			

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 D	228817 / PR 263813	3/23/2012	8000	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS: All Readings Taken With 2221 Recorded in Gross Counts.



TECHNICIAN(S): Timothy Michel 1-30-12
Print Name/Sign/Date

William Orr 1-30-12
Print Name/Sign/Date

REVIEWER: W. Clark Evers 2/1/12
Print Name/Sign/Date

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Boring Logs and Surveys

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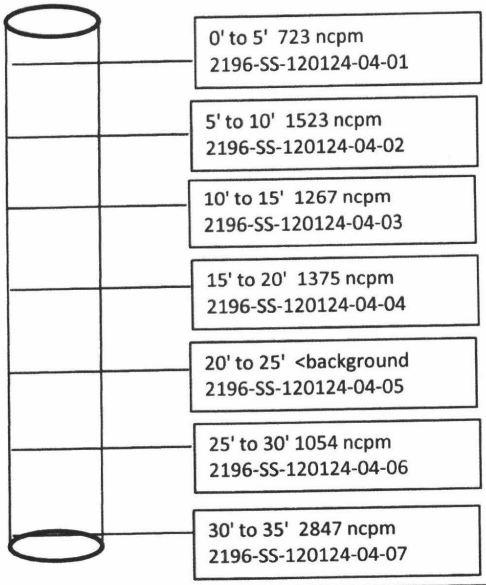
FORM HDP-PR-HP-311-3

RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well LF-09		
DATE: 1/25/2012	TIME: 9:00	RWP: RP-12-G004	LOG NUMBER: 0151-CH-120125
PURPOSE OF SURVEY:	Well Abandonment		

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 N	271440 / PR 295019	4/19/2012	2490	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:



TECHNICIAN(S): Terry J. Leatham 1-25-12
Print Name/Sign/Date

Jeff Heleen 1-25-12
Print Name/Sign/Date

REVIEWER: W. Clark Evans/W. Clark Evans 1/25/12
Print Name/Sign/Date

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Boring Logs and Surveys

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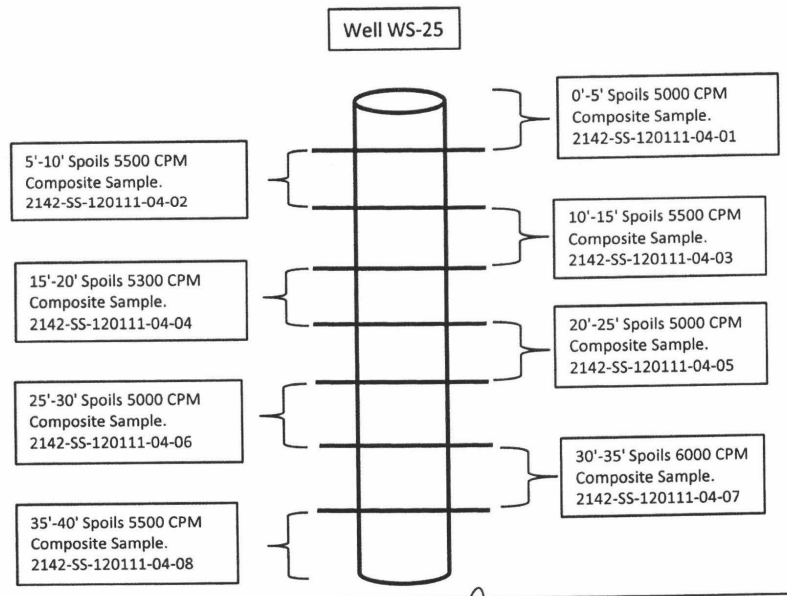
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well WS-25			
DATE: 1/16/2012	TIME: 9:45	RWP: G004	LOG NUMBER: 0095 CH 120116	
PURPOSE OF SURVEY:	Abandonment of Well WS-25.			
Instrument Types(s)	**Serial Number (meter/detector)**	**Cal Due Date: (meter-detector)**	**Background (CPM α/βγ)**	**Efficiency (%) (α/βγ)**
Lud 2221 44-10 D	228817 / PR 263813	3/23/2012	6000	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS:



TECHNICIAN(S): Timothy Michel 1-16-12
Print Name/Sign/Date

William Orr 1-16-12
Print Name/Sign/Date

REVIEWER: W. Clark Evers 1/19/12
Print Name/Sign/Date

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Boring Logs and Surveys

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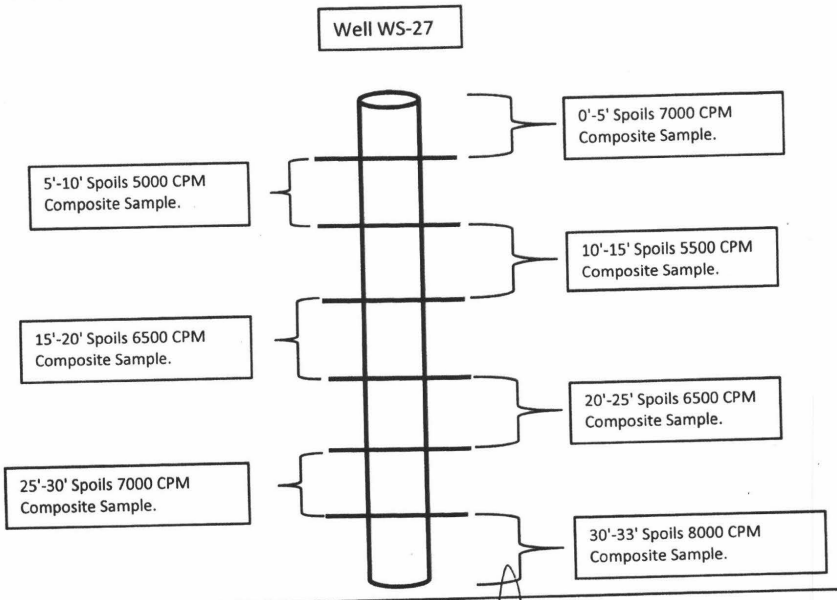
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION: Well WS-27			
DATE: 1/13/2012	TIME: 11:00	RWP: G004	LOG NUMBER: 0198 CH 120131
PURPOSE OF SURVEY: Abandonment of Well WS-27.			

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 D	228817 / PR 263813	3/23/2012	7500	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS: All Counts Taken with 2221 Recorded in Gross Counts.



TECHNICIAN(S): Timothy Michel 1-31-12
Print Name/Sign/Date

William Orr 1-31-12
Print Name/Sign/Date

REVIEWER: W. Clark Evers 2/1/12
Print Name/Sign/Date

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Boring Logs and Surveys

Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0

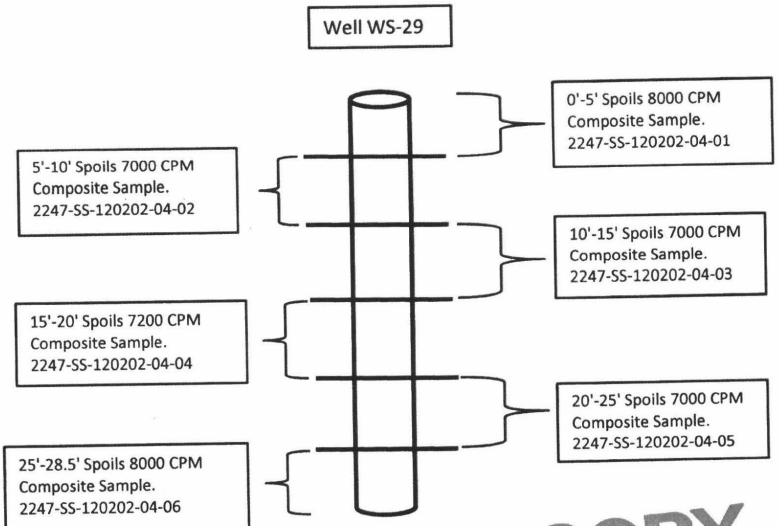
FORM HDP-PR-HP-311-3

RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well WS-29		
DATE: 2/2/2012	TIME: 15:59	RWP: G004	LOG NUMBER: 0238 CH 120202
PURPOSE OF SURVEY:	Abandonment of Well WS-29.		

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 D	228817 / PR 263813	3/23/2012	8000	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS: All Readings Taken With 2221 Recorded in Gross Counts.



TECHNICIAN(S): Tim Michel 2-2-12
Print Name/Sign/Date

William Orr 2-2-12
Print Name/Sign/Date

REVIEWER: W. Clark Evers 2/2/12
Print Name/Sign/Date

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Boring Logs and Surveys

Hematite Decommissioning Project	Procedure HDP-PR-HP-311, *Radiological Surveys*	Revision 0
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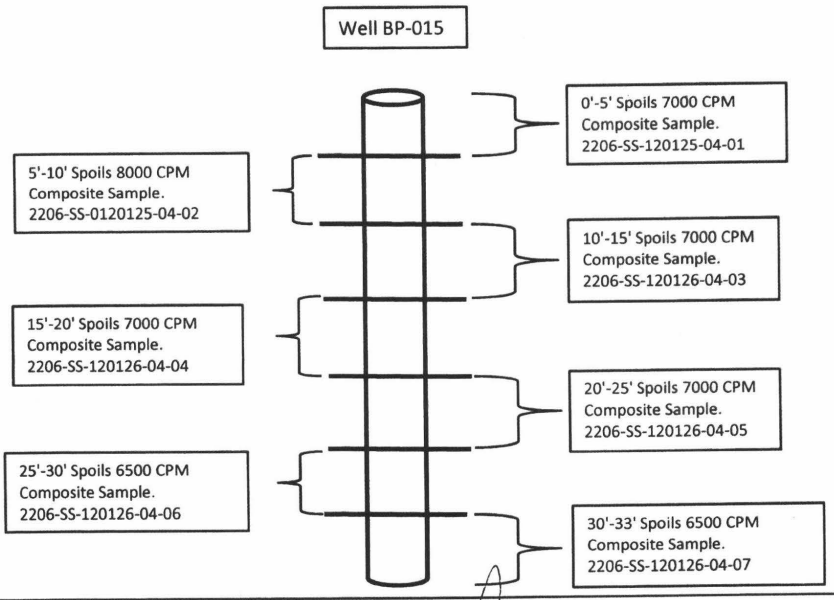
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION: Well BP-015			
DATE: 1/26/2012	TIME: 11:20	RWP: G004	LOG NUMBER: 0164 CH 120126
PURPOSE OF SURVEY: Abandonment of Well BP-015.			

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 D	228817 / PR 263813	3/23/2012	7000	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS: All Readings By 2221 Recorded in Gross Counts.



TECHNICIAN(S): Tim Michel 1-26-12
Print Name/Sign/Date

William Orr 1-26-12
Print Name/Sign/Date

REVIEWER: W. Clark Evans / W. Clark Evans 1/26/12
Print Name/Sign/Date

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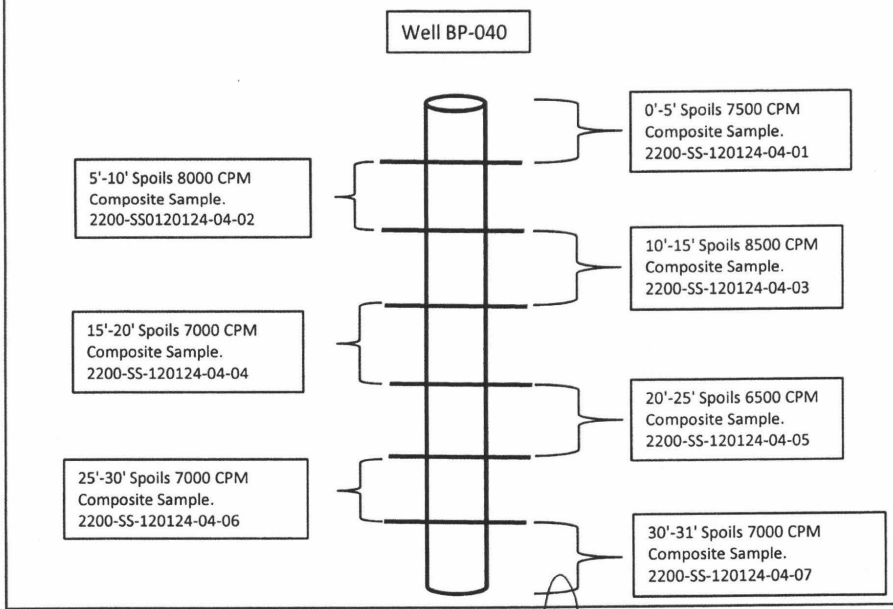
FORM HDP-PR-HP-311-3
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION:	Well BP-040			
DATE: 1/24/2012	TIME: 15:57	RWP: G004		LOG NUMBER: 0144 CH 120124
PURPOSE OF SURVEY:	Abandonment of Well BP-040.			
Instrument Types(s)	**Serial Number (meter/detector)**	**Cal Due Date: (meter-detector)**	**Background (CPM α/βγ)**	**Efficiency (%) (α/βγ)**
Lud 2221 44-10 D	228817 / PR 263813	3/23/2012	7000	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS: All Readings Recorded in Gross CPM.



TECHNICIAN(S): Timothy Michel 1-24-12
Print Name/Sign/Date

William Orr 1-24-12
Print Name/Sign/Date

REVIEWER: W. Clark Enos/W. Clark Enos 1/25/12
Print Name/Sign/Date

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Boring Logs and Surveys

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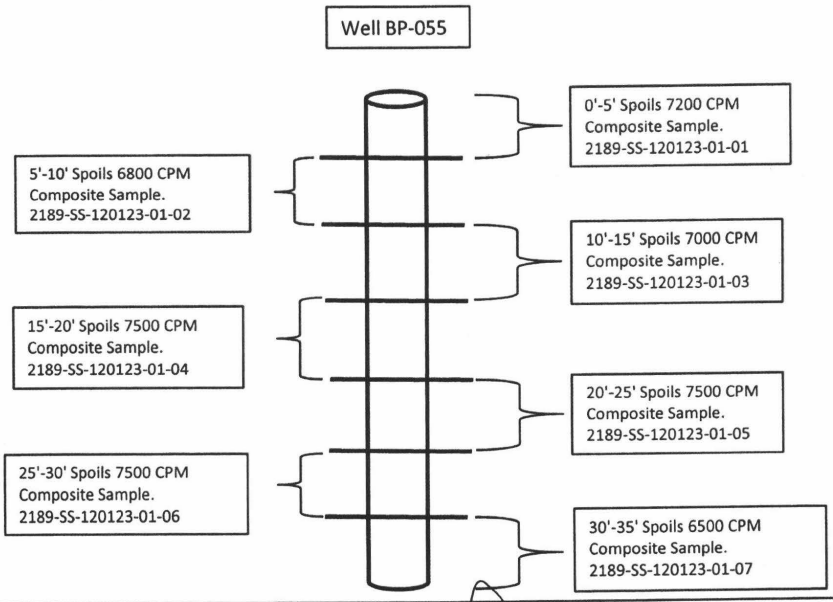
RADIOLOGICAL SURVEY REPORT - WALKOVER SURVEYS

SURVEY LOCATION: Well BP-055			
DATE: 1/23/2012	TIME: 15:54	RWP: G004	LOG NUMBER: 0132 CH 120123
PURPOSE OF SURVEY: Abandonment of Well BP-055			

Instrument Types(s)	Serial Number (meter/detector)	Cal Due Date: (meter-detector)	Background (CPM α/βγ)	Efficiency (%) (α/βγ)
Lud 2221 44-10 I	268654 / PR 295021	11/5/2012	7500	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

REMARKS: All Readings Taken with 2221 Recorded in Gross Counts.



TECHNICIAN(S): Tim Michel 1-23-12
Print Name/Sign/Date

William Orr 1-23-12
Print Name/Sign/Date

REVIEWER: W. Clark Emry / W. Clark Emry 1/25/12
Print Name/Sign/Date

Quality Record

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**							Boring No. **BD01-N**	
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Rob Andrews**			Date	Started: **8/1/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Gary Shetley, Mike berry				Completed: **8/1/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **27 ft (Refusal/Bedrock)**	
Depth (feet)	Sample Type	Blow Counts (blows/foot)	Recovery	USCS	**NOTE: See original boring log for BD-01 for soil lithologic descriptions.** **Sample analysis from BD-01 borings** **BD01-N:** δ spec, Tc99, VOC; **BD01-S:** δ spec, Tc99, **BD01-E:**δ spec, Tc99; **BD01-W:**δ spec, Tc99			Field Screening: PID (ppm)	Field Screening: VOC Sample Sent to Lab
					Excavation at this location had removed ~ 3.5 ft from original grade. Screened interval was adjusted accordingly on the boring log.				
2			44/48					0.6	
4								0.6	√
6			47/48					0.6	
8								0.7	√
10			32/48					0.7	√
12								0.6	
14			31/48					1.1	√
16								0.9	
18			31/48		Top half of screen (16.5 ft to 21.5 ft below current grade when corrected for excavation at this location. Original screen depth was 20 ft to 25 ft)			1.1	√
20								0.9	
22			33/48					0.6	
24					Bottom half of screen (21.5 ft to 26.5 ft below current grade when corrected for excavation at this location. Original screen depth was 25 ft to 30 ft)			0.6	√
26			34/48					0.7	
28								0.7	
30					Refusal (bedrock) @ 27 ft				
32									
34									
36									

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**							Boring No. **BD02-N**	
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Rob Andrews**			Date	Started: **7/29/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Gary Shetley, Mike Berry				Completed: **7/29/2003**	Groundwater Depth:		Total Depth of Boring (bgs) **26 ft (Refusal/Bedrock)**	
Depth (feet)	Sample Type	Blow Counts (blows/foot)	Recovery	USCS	**NOTE: See original boring log for BD-02 for soil lithologic descriptions.** **Sample analysis from BD-02 borings** **BD02-N:** δ spec, Tc99, VOC; **BD02-S:** δ spec, Tc99, **BD02-E:**δ spec, Tc99; **BD02-W:**δ spec, Tc99			Field Screening: PID (ppm)	Field Screening: VOC Sample Sent to Lab
					Excavation at this location had removed ~ 6.5 ft from original grade. Screened interval was adjusted accordingly on the boring log.				
2			38/48					6.0	√
4								1.4	
6			41/48					2.6	
8								5.8	√
10			29/48					6.5	
12								21.2	√
14			36/48					5.6	
16								8.7	√
18			23/48					15.4	√
20					Top half of screen (17.5 ft to 22.5 ft below current grade when corrected for excavation at this location. Original screen depth was 24 ft to 29 ft). NOTE: Not enough recovery for 18 ft to 20 ft interval.			N/A	
22			32/48					9.6	
24					Bottom half of screen (22.5 ft to 27.5 ft below current grade when corrected for excavation at this location. Original screen depth was 29 ft to 34 ft)			37.2	√
26			29/48					16.5	
28									
30					Refusal (bedrock) @ 26 ft				
32									
34									
36									

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**						Boring No. **BD03-N**	
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**		Drill Rig Type: **CME 55 ATV**	
Logged By: **Rob Andrews**			Date	Started: **7/31/2013**	Auger Type: **Single Wall DPT**	Diameter: **2 1/4"**	
Drill Crew: Gary Shetley, Mike Berry				Completed: **7/31/2013**	Groundwater Depth:	Total Depth of Boring (bgs) **28 ft (Refusal/Bedrock)**	

Depth (feet)	Sample Type	Blow Counts (blows/foot)	Recovery	USCS	NOTE: See original boring log for BD-03 for soil lithologic descriptions. Sample analysis from BD-03 borings. BD03-N: δ spec, Tc99, VOC; BD03-S: δ spec, Tc99, BD03-E:δ spec, Tc99; BD03-W:δ spec, Tc99	Field Screening PID (ppm)	Field Screening VOC Sample Sent to Lab
					Excavation at this location had removed ~ 3 ft from original grade. Screened interval was adjusted accordingly on the boring log.		
2			48/48			0.3	
4						0.6	√
6			34/48			0.3	
8						0.3	√
10			36/48			0.6	√
12						0.4	
14			48/48			0.6	
16						0.6	√
18			40/48			0.4	
20						0.4	√
22			37/48		Top half of screen (20 ft to 25 ft below current grade when corrected for excavation at this location. Original screen depth was 23 ft to 28 ft)	0.4	√
24						1.4	
26			31/48			0.6	√
28					Bottom half of screen (25 ft to 30 ft below current grade when corrected for excavation at this location. Original screen depth was 28 ft to 33 ft)	1.6	
30							
32					Refusal (bedrock) @ 28 ft		
34							
36							

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**						Boring No. **BD04-N**
Work Package #: **HDP-ENG13-WP-009**			Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**
Logged By: **Rob Andrews**		Date	Started: **7/30/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**
Drill Crew: Gary Shetley, Mike Berry			Completed: **7/30/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **27 ft (Refusal/Bedrock)**

Depth (feet)	Sample Type	Blow Counts (blows/foot)	Recovery	USCS	NOTE: See original boring log for BD-04 for soil lithologic descriptions. **Sample analysis from BD-04 borings** **BD04-N:** δ spec, Tc99, VOC; **BD04-S:** δ spec, Tc99, **BD04-E:**δ spec, Tc99; **BD04-W:**δ spec, Tc99	Field Screening: PID (ppm)	Field Screening: VOC Sample Sent to Lab
2			48/48			0.9	
4						1.3	√
6			48/48			0.6	
8						0.9	√
10			48/48			0.9	√
12						0.6	
14			32/48			0.7	
16						0.9	√
18			39/48			1.1	√
20						0.6	
22			27/48		Top half of screen (20.5 ft to 25.5 ft below current grade when corrected for excavation at this location. Original screen depth was 24.5 ft to 29.5 ft)	0.6	√
24						0.3	
26			32/48		Bottom half of screen (25.5 ft to 30.5 ft bewlow current grade when corrected for excavation. Original screen depth was 29.5 ft to 34.5 ft)	0.4	√
28						0.6	
30			N/A		Refusal (bedrock) @ 27 ft		
32							
34							
36							

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**							Boring No. **BD05-W**	
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Rob Andrews**			Date	Started: **8/14/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Gary Shetley, Ken Boone				Completed: **8/14/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **33 ft (Refusal/Bedrock)**	

Depth (feet)	Sample Type	Blow Counts (blows/foot)	Recovery	USCS	NOTE: See original boring log for BD-05 for soil lithologic descriptions. **Sample analysis from BD-05 borings** **BD05-N:** δ spec, Tc99; **BD05-S:** δ spec, Tc99, **BD05-E:**δ spec, Tc99; **BD05-W:**δ spec, Tc99, VOC	Field Screening: PID (ppm)	Field Screening: VOC Sample Sent to Lab
2			38/48			0.1	
4						0.7	√
6			18/48			0.3	√
8							
10			18/48			0.8	√
12							
14			34/48			1.1	
16						6.5	√
18			32/48			9.5	√
20						8.5	
22			26/48			0.7	
24						7.7	√
26			32/48		Top half of Screen (24 ft to 29 ft)	17.0	√
28							
30			37/48		Bottom half of Screen (29 ft to 34 ft)	43.0	√
32							
34							
36					Refusal (bedrock) @ 33 ft		

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Tecnology Sampling at Hybrid Wells**							Boring No. **BD06-N**
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**
Logged By: **Rob Andrews**			Date	Started: **8/15/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**
Drill Crew: Gary Shetley, Ken Boone				Completed: **8/15/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **31 ft (Refusal/Bedrock)**

Depth (feet)	Sample Type	Blow Counts (blows/foot)	Recovery	USCS	NOTE: See original boring log for BD-06 for soil litholigic descriptions. **Sample analysis from BD-06 borings** **BD06-N:** δ spec, Tc99, VOC; **BD06-S:** δ spec, Tc99, **BD06-E:**δ spec, Tc99; **BD06-W:**δ spec, Tc99	Field Screening: PID (ppm)	Field Screening: VOC Sample Sent to Lab
2			44/48			15.2	
4						36.6	√
6			38/48			18.0	
8						22.4	√
10			47/48			21.7	
12						27.9	√
14			45/48			19.9	
16						30.0	√
18			45/48			21.7	
20						43.3	√
22			46/48			26.9	√
24					Top half of Screen 22 ft to 27 ft	40.5	√
26			45/48				
28					Bottom half of Screen 27 ft to 32 ft	30.9	√
30			46/48				
32							
34					**Total depth 31 ft (refusal/bedrock)**		
36							

Boring Log: Sheet 1of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**						Boring No. **BD07-S**	
Work Package #: **HDP-ENG13-WP-009**			Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Dave Guyan**		Date	Started: **8/10/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Steve Tepatti, Ken Boone			Completed: **8/10/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **35 ft (Refusal/Bedrock)**	
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for BD-07 for soil lithologic descriptions.** **Sample analysis from BD-07 borings** **BD07-N:** δ spec, Tc99, VOC**; BD07-S:** δ spec,Tc99, VOC; **BD07-E:**δ spec, Tc99; **BD07-W:**δ spec, Tc99	**Field Screening** PID (ppm)	**Field Screening** VOC Sample Sent to Lab
2			N/A		Solid stem auger through concrete (5") and then gravel to 2 ft. Began DPT sampling at 2 ft.		
4			12/24			0.4	√
6			3/48		Not enough recovery for a VOC sample in the 6 ft to 8 ft depth interval.	N/A	N/A
8						N/A	
10			6/48		Not enough recovery for a VOC sample in the 8 ft to 12 ft depth interval.	N/A	N/A
12						N/A	
14			47/48			0.3	
16						0.4	√
18			43/48			0.4	
20						0.6	√
22			36/48			0.4	
24						0.6	√
26			33/48			0.3	
28					Top half of Screen (25 ft to 30 ft)	0.6	√
30			41/48			0.6	
32					Bottom half of Screen (30 ft to 35 ft)	0.6	√
34			36/36			0.7	√
36					Refusal (bedrock) at 35 ft	0.6	

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**							Boring No. **BD08-N**	
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Rob Andrews**			Date	Started: **8/13/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Gary Shetley, Ken Boone				Completed: **8/13/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **35 ft (Refusal/Bedrock)**	
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for BD-08 for soil litholigic descriptions.** **Sample analysis from BD-08 borings** **BD08-N:** δ spec, Tc99, VOC; **BD08-S:** δ spec, Tc99, **BD08-E:**δ spec, Tc99; **BD08-W:**δ spec, Tc99		**Field Screening** PID (ppm)	VOC Sample Sent to Lab
2			48/48				0.0	
4							0.0	√
6			36/48				0.0	
8							0.0	√
10			48/48				0.0	
12							0.0	√
14			21/48				0.0	√
16								
18			48/48				0.0	
20							0.8	√
22			48/48				2.0	
24							5.6	√
26			48/48				1.9	√
28					Top Half of Screen (25 ft to 30 ft)		10.7	√
30			48/48					
32					Bottom Half of Screen (30 ft to 35 ft)		5.1	√
34			36/36					
36					Refusal (bedrock) at 35 ft			

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**								Boring No. **BD13-S**	
Work Package #: **HDP-ENG13-WP-009**					Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Dave Guyan**				Date	Started: **7/27/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Steve Tepatti, Ken Boone					Completed: **7/27/2013**	Groundwater Depth:		Total Depth of Boring **31 ft (Refusal/Bedrock)**	
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for BD-13 for soil lithologic descriptions.** **Sample analysis from BD-13 borings** **BD13-N:** δ spec, Tc99, As; **BD13-S:** δ spec, Tc99, VOC **BD13-E:**δ spec, Tc99; **BD13-W:**δ spec, Tc99			**Field Screening** PID (ppm)	**Field Screening** VOC Sample Sent to Lab
2			N/A		Solid stem auger through asphalt and gravel to 2 ft. Began DPT sampling at 2 ft.				
4			24/24					0.1	√
6			41/48					0.2	
8								0.7	√
10			32/48					1.2	√
12								1.0	
14			20/48					0.6	√
16					Not enough recovery in 14 ft to 16 ft interval.			N/A	
18			22/48					1.0	√
20					Not enough recovery in 18 ft to 20 ft interval.			N/A	
22			30/48					1.3	
24								2.9	√
26			19/48					1.3	√
28					Top half of screen (26 ft to 28.5 ft). Not enough recovery for sample in 26 ft to 28 ft interval.			N/A	
30			32/36		Bottom half of screen (28.5 ft to 31 ft)			0.7	√
32					Refusal (bedrock) @ 31 ft				
34									
36									

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**							Boring No. **BP17-N**	
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Rob Andrews**			Date	Started: **8/2/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Gary Shetley, Mike Berry				Completed: **8/2/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **30 ft (Refusal/Bedrock)**	
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for BP-17 for soil lithologic descriptions.** **Sample analysis from BP-17 borings** **BP17-N:** δ spec, Tc99, VOC; **BP17-S:** δ spec, Tc99, **BP17-E:**δ spec, Tc99; **BP17-W:**δ spec, Tc99		**Field Screening**	
							PID (ppm)	**VOC Sample Sent to Lab**
2			29/48				1.1	√
4							0.6	
6			43/48				0.6	
8							0.7	√
10			46/48				0.6	
12							0.6	√
14			37/48				0.6	
16							0.6	√
18			38/48				0.7	√
20							0.6	
22			27/48				1.1	√
24							0.4	
26			41/48				0.6	
28					Top half of screen (27 ft - 29.5 ft)		0.4	
30			28/48				0.6	√
32					Bottom half of screen (29.5 ft to 32 ft)		0.7	√
34					Refusal (bedrock) @ 30 ft			
36								

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**						Boring No. **DM02-E**	
Work Package #: **HDP-ENG13-WP-009**			Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Dave Guyan**		Date	Started: **8/11/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Steve Tepatti, Ken Boone			Completed: **8/11/2013**	Groundwater Depth:		Total Depth of Boring (bgs): **33 ft Refusal (Bedrock)**	

Depth (feet)	Sample Type	Blow Counts (blows/foot)	Recovery	USCS	NOTE: See original boring log for DM-02 for soil lithologic descriptions. **Sample analysis from DM-02 borings** **DM02-N:** δ spec, Tc99; **DM02-S:** δ spec, Tc99, **DM02-E:**δ spec, Tc99, VOC; **BP17-W:**δ spec, Tc99	Field Screening: PID (ppm)	Field Screening: VOC Sample Sent to Lab
2			N/A		Solid stem auger through gravel to 2 ft, then began DPT sampling at 2 ft.		
4			15/24			0.1	√
6			36/48			0.3	√
8						0.1	
10			44/48			0.0	√
12						0.0	
14			46/48			0.0	√
16						0.0	
18			46/48			0.0	
20						0.1	√
22			46/48			0.0	
24						2.0	√
26			47/48			0.0	
28						0.0	
30			48/48		Top half of screen 28 ft to 30.5 ft	0.6	√
32							
34			36/36		Bottom half of Screen 30.5 ft to 33 ft	1.3	√
36					Refusal (bedrock) at 33 ft		

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**						Boring No. **EP14-S**	
Work Package #: **HDP-ENG13-WP-009**			Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Rob Andrews**		Date	Started: **8/12/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Gary Shetley, Ken Boone			Completed: **8/12/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **32 ft (Refusal/Bedrock)**	
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for EP-14 for soil litholigic descriptions.** **Sample analysis from EP-14 borings** **EP14-N:** δ spec, Tc99**; EP14-S:** δ spec, Tc99, VOC, As, **EP14-E:**δ spec, Tc99; **EP14-W:**δ spec, Tc99	**Field Screening** PID (ppm)	VOC Sample Sent to Lab
2			31/48			0.4	√
4						0.0	
6			10/48			4.4	√
8					Not enough recovery for 6 ft to 8 ft interval.	N/A	
10			41/48			0.1	√
12						0.0	
14			31/48			2.0	√
16						0.0	
18			32/48			0.0	
20						1.1	√
22			36/38			0.0	
24						0.0	√
26			32/48			0.4	√
28						0.1	
30			42/48		Top half of Screen (27 ft to 29.5 ft)	0.0	√
32					Bottom half of Screen (29.5 to 32 ft)	0.0	√
34					Refusal (Bedrock) at 32 ft		

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**								Boring No. **EP15-E**		
Work Package #: **HDP-ENG13-WP-009**					Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**		
Logged By: **Dave Guyan**				Date	Started: **7/28/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**		
Drill Crew: Steve Tepatti, Ken Boone					Completed: **7/28/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **30 ft (Refusal/Bedrock)**		
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for EP-15 for soil lithologic descriptions.** **Sample analysis from EP-15 borings** **EP15-N:** δ spec, Tc99**; EP15-S:** δ spec, Tc99, **EP15-E:**δ spec, Tc99, VOC; **EP15-W:**δ spec, Tc99, As			**Field Screening** PID (ppm)	**Field Screening** VOC Sample Sent to Lab	
2			36/48					0.2		
4								0.2	√	
6			N/A	No Recovery in 4 ft to 8 ft interval.						
8										
10			48/48					0.3	√	
12								0.2		
14			15/48					0.2	√	
16					Not enough recovery for 14 ft to 16 ft interval.					
18			24/48					0.2	√	
20					Not enough recovery for 18 ft to 20 ft interval.					
22			30/48	Top half of Screen (20 ft to 25 ft)				0.2		
24								0.2	√	
26			36/48	Bottom half of screen (25 ft to 30 ft)				0.0		
28								0.0	√	
30			16/24							
32					Refusal (bedrock) @ 30 ft					
34										
36										

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**							Boring No. **EP16-S**	
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Dave Guyan**			Date	Started: **8/5/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Steve Tepatti, Ken Boone				Completed: **8/5/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **30 ft (Refusal/Bedrock)**	
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for EP-16 for soil lithologic descriptions.** **Sample analysis from EP-16 borings** **EP16-N:** δ spec, Tc99**; EP16-S:** δ spec, Tc99,VOC; **EP16-E:**δ spec, Tc99; **EP16-W:**δ spec, Tc99, As		**Field Screening** PID (ppm)	**Field Screening** VOC Sample Sent to Lab
2			26/48				0.4	√
4					NOTE: Not enough recovery to collect VOC sample from the 2 ft to 4 ft interval.		N/A	
6			48/48				0.4	
8							0.6	√
10			48/48				0.3	
12							0.4	√
14			33/48				0.4	
16							0.6	√
18			??? Check COC				0.6	
20								
22			24/48		Top half of screen		0.4	√
24					Not enough recovery for 22 ft to 24 ft interval.		N/A	
26			20/48				0.6	√
28					Bottom half of screen			
30			12/24					
32					Refusal (bedrock) @ 30 ft			
34								
36								

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**							Boring No. **LF08-W**	
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Dave Guyan**			Date	Started: **7/26/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Steve Tepatti, Ken Boone				Completed: **7/26/2013**	Groundwater Depth:		Total Depth of Boring **33 ft (Refusal/Bedrock)**	
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for LF-08 for soil lithologic descriptions.** **Sample analysis from LF-08 borings** **LF08-N:** δ spec, Tc99**; LF08-S:** δ spec, Tc99, As **LF08-E:**δ spec, Tc99; **LF08-W:**δ spec, Tc99, VOC		**Field Screening** PID (ppm)	**Field Screening** VOC Sample Sent to Lab
2			N/A		Solid stem auger through concrete (12") and then gravel to 2 ft. Began DPT sampling at 2 ft.		N/A	
4			0/24		Not enough recovery in 2 ft to 4 ft interval.		N/A	
6			16/48				0.2	√
8					Not enough recovery in 6 ft to 8 ft interval.		N/A	
10			48/48				0.4	
12							1.4	√
14			48/48				1.2	√
16							0.9	
18			33/48				0.4	
20							0.9	√
22			36/48				0.7	√
24							0.7	
26			36/48		Top half of screen (23 ft to 28 ft)		1.2	√
28								
30			18/48		Bottom half of screen (28 ft to 33 ft)		0.5	√
32								
34			12/12		Refusal (bedrock) @ 33 ft		0.5	
36								

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**							Boring No. **LF09-N**	
Work Package #: **HDP-ENG13-WP-009**				Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Dave Guyan**			Date	Started: **8/9/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Steve Tepatti, Ken Boone				Completed: **8/9/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **34.5 ft (Refusal/Bedrock)**	
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for LF-09 for soil lithologic descriptions.** **Sample analysis from LF-09 borings** **LF09-N:** δ spec, Tc99, VOC; **LF09-S:** δ spec, Tc99, **LF09-E:**δ spec, Tc99; **LF09-W:**δ spec, Tc99, As		**Field Screening** PID (ppm)	**Field Screening** VOC Sample Sent to Lab
2			N/A		Solid stem auger through concrete (9") and then gravel to 2 ft. Began DPT sampling at 2 ft.		N/A	
4			16/24				0.0	√
6			41/48				0.0	
8							0.1	√
10			48/48				0.1	√
12							0.0	
14			44/48				0.1	
16							0.3	√
18			43/48				0.1	
20							0.6	√
22			34/48		Top half of screen (20 ft to 27.5 ft) Not enough recovery for 26 ft to 28 ft interval.		0.0	
24							0.0	√
26			27/48				0.1	√
28							N/A	
30			36/48		Bottom half of screen (27.5 ft to 35 ft)		0.0	
32							0.1	√
34			23/30				0.1	√
36					Refusal (bedrock) at 34.5 ft			

Boring Log: Sheet 1 of 1

Attachment 8
Boring Logs and Surveys

Hematite Decommissioning Project

Project: **Direct Push Technology Sampling at Hybrid Wells**						Boring No. **WS32-S**	
Work Package #: **HDP-ENG13-WP-009**			Drilling Contractor: **Geotechnology**			Drill Rig Type: **CME 55 ATV**	
Logged By: **Rob Andrews**		Date	Started: **8/4/2013**	Auger Type: **Single Wall DPT**		Diameter: **2 1/4"**	
Drill Crew: Gary Shetley, Mike Berry			Completed: **8/4/2013**	Groundwater Depth:		Total Depth of Boring (bgs) **35 ft (Refusal/Bedrock)**	
Depth (feet)	**Sample Type**	**Blow Counts (blows/foot)**	**Recovery**	**USCS**	**NOTE: See original boring log for WS-32 for soil lithologic descriptions.** **Sample analysis from WS-32 borings** **WS32-N:** δ spec, Tc99; **WS32-S:** δ spec, Tc99, VOC; **WS32-E:** δ spec, Tc99; **WS32-W:** δ spec, Tc99	**Field Screening** PID (ppm)	**Field Screening** VOC Sample Sent to Lab
2			N/A		No recovery from 0 to 4 ft. Auger through gravel layer and begin DPT sampling at 4 ft.	N/A	
4						N/A	
6			23/48			0.4	√
8						0.1	
10			48/48			0.3	
12						0.4	√
14			17/48			0.1	√
16					Not enough recovery for 14 ft to 16 ft interval.	N/A	
18			41/48			0.6	√
20						0.4	
22			38/48			0.6	√
24						0.3	
26			39/48			0.3	√
28						0.2	
30			38/48			0.3	√
32					Top half of screen (30 ft to 32.5 ft)	0.1	√
34			34/36		Bottom half of screen (32.5 ft to 35 ft)	0.2	√
36					Refusal (bedrock) @ 35 ft		

Boring Log: Sheet 1 of 1

Attachment 9
Abandoned Hybrid Wells

Well	Date Abandoned	Impacted or Non Impacted Area	Proposed or Actual Survey Unit
BD-01	2006	Impacted	LSA-08-02
BD-02	Jan 2012	Impacted	LSA-08-02
BD-03	Jan 2012	Impacted	LSA-08-02
BD-04	Jan 2012	Impacted	LSA-08-07
BD-05	2006	Impacted	LSA-08-04
BD-06	Jan 2012	Impacted	LSA-08-04
BD-07	2006	Impacted	LSA-08-08
BD-08	Jan 2012	Impacted	LSA-08-08
BD-13	Jan 2012	Impacted	LSA-08-06
BD-14	Apr 2011	Impacted	LSA-08-07
BD-16	2006	Impacted	LSA-08-08
BP-17	Jan 2012	Impacted	LSA-10-12
BP-20A	Jan 2012	Impacted	LSA-10-10
BP-21	Feb 2012	Impacted	LSA-10-07
BP-22A	Jan 2012	Impacted	LSA-09-02
CB-02	2006	Impacted	LSA-02-01
DM-02	Apr 2011	Impacted	LSA-08-09
EP-14	Jan 2012	Impacted	LSA-08-11
EP-15	2006	Impacted	LSA-08-10
EP-16	Jan 2012	Impacted	LSA-08-17
LF-08	2006	Impacted	LSA-08-10
LF-09	Jan 2012	Impacted	LSA-08-10
NB-30	2006	Non-Impacted	N/A
NB-31	Apr 2011	Non-Impacted	N/A
NB-32	2006	Non-Impacted	N/A
NB-33	Apr 2011	Non-Impacted	N/A
NB-39	2006	Impacted	LSA-09-02
NB-46	2006	Impacted	LSA-12-07
NB-56	2006	Impacted	LSA-06-01
NB-61	2006	Impacted	LSA-10-11
NB-65	2006	Non-Impacted	N/A
NB-78	2006	Non-Impacted	N/A
NB-81	Apr 2011	Non-Impacted	N/A
NB-86	2006	Non-Impacted	N/A
OA-19	2006	Impacted	LSA-08-09
PL-04	2006	Impacted	LSA-08-13
PL-06	Apr 2011	Impacted	LSA-04-01
WS-23	Oct 2010	Impacted	LSA-10-01
WS-25	Jan 2012	Impacted	LSA-10-02
WS-27	Jan 2012	Impacted	LSA-10-10
WS-29	Feb 2012	Impacted	LSA-10-10
WS-32	Aug 2009	Impacted	LSA-08-13