3452

CERTIFICATION DESIGN LETTER FOR AREA 9, PHASE I

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
FERNALD, OHIO

JANUARY 2001

U.S. DEPARTMENT OF ENERGY
FERNALD AREA OFFICE

21120-RP-0002
REVISION A
DRAFT

000001

TABLE OF CONTENTS

Executive Summary ES-1

1.0 Introduction 1
- 1.1 Objectives 1
- 1.2 Scope and Area Description 1

2.0 Historical and Precertification Data 3
- 2.1 Historical Data 3
- 2.2 Precertification Real-Time Scan Data 4
- 2.3 Precertification Physical Sampling and Results 5
- 2.4 Predesign Investigation Physical Sampling 6
- 2.5 Supplemental Background Soil Study 6

3.0 Area-Specific Constituents of Concern 8
- 3.1 Selection Criteria 8
- 3.2 ASCOC Selection Process for A9PI 9

4.0 Certification Approach 10
- 4.1 Certification Design 10
- 4.2 Analytical Methodology 12
- 4.3 Statistical Analysis 12
  - 4.3.1 Surface Samples (0 to 6-inch and 0 to 12-inch) 12
  - 4.3.2 Subsurface Background Certification Samples (12 to 36-inch) 13

5.0 Schedule 10

References R-1

Appendix A Historical Sample Data
Appendix B Real-Time Data Maps and Tables
Appendix C Precertification and Predesign Physical Soil Sample Data

LIST OF TABLES

Table 1 ASCOC List for all A9PI Certification Units

LIST OF FIGURES

Figure 1 Area 9, Phase I Location Map
Figure 2 Proposed Certification Strategy for Area 9, Phase I
Figure 3A Area 9, Phase I Topography
Figure 3B Area 9, Phase I Topography
Figure 4 A9PI Certification Units
Figure 5 A9PI CU and Sub-CU Boundaries and Certification Sampling Locations

LIST OF ACRONYMS AND ABBREVIATIONS

A1PI	Area 1, Phase I
A1PII	Area 1, Phase II
A9PI	Area 9, Phase I
ASCOC	area-specific constituent of concern
ASL	analytical support level
CDL	Certification Design Letter
COC	constituent of concern
COEC	contaminant of ecological concern
CRDL	contract required detection limit
CU	certification unit
DOE	U.S. Department of Energy
FEMP	Fernald Environmental Management Project
FRL	final remediation level
HPGe	high-purity germanium (detector)
mg/kg	milligrams per kilogram
NaI	sodium iodide
OU5	Operable Unit 5
pCi/g	picoCuries per gram
PSP	Project Specific Plan
ROD	Record of Decision
SED	Sitewide Environmental Database
SEP	Sitewide Excavation Plan
UCL	Upper Confidence Limit

EXECUTIVE SUMMARY

This Certification Design Letter (CDL) describes the certification approach for Area 9, Phase I (A9PI). The following information is included:

- The boundaries (Figure 1) and a description of the area to be certified under the guidance of this CDL;
- A presentation of historical data from the area proposed for certification;
- A discussion of the area-specific constituent of concern (ASCOC) selection process and list of ASCOCs assigned to A9PI;
- A presentation of the certification unit (CU) boundaries and proposed sampling strategy;
- The analytical requirements and the statistical methodology that will be employed; and
- The proposed schedule for the certification activities.

A9PI is a 71.9-acre area located adjacent to the northern half (approximately) of the Fernald Environmental Management Project (FEMP) eastern property boundary. The scope of this CDL is limited to 52.9 of the 71.9 acres. Although A9PI is 71.9 acres, only 52.9 acres are adjacent to on-property areas that were excavated for remediation purposes (Figure 2). Both Area 1, Phase I (A1PI) and Area 1, Phase II (A1PII) were remediated and certified between 1997 and 2000. Therefore, the northernmost 19 acres of A9PI do not require certification sampling. Based on precertification and predesign investigations of A9PI, and a supplemental background soil study, it has been determined by the U.S. Department of Energy (DOE) that no immediate remediation activities are required for this particular area and certification activities may begin. The results of the precertification, predesign, and supplemental background soil study activities are summarized in the A9PI Precertification Summary Report (DOE 2000a).

The certification design presented in this CDL follows the general approach outlined in Section 3.4 of the Sitewide Excavation Plan (SEP, DOE 1998a) and proposed SEP Addendum (DOE 2001a). Precertification scanning was conducted from December 1999 through August 2000; precertification and predesign physical sampling were conducted from February 2000 through August 2000, and the supplemental background soil study was conducted in August 2000. All scanning and sampling results

are presented in this CDL. The selection of A9PI ASCOCs was accomplished using constituent of concern (COC) lists in the Operable Unit 5 Record of Decision (DOE 1996), and is also based on COCs from adjacent on-property A1PI and A1PII, along with historical data and land-use knowledge. A total of 20 CUs have been established to cover the A9PI 51.9-acre certification area. The CU design was based on the precertification data and topography of this area. Certification sampling fieldwork is scheduled to begin in March 2001 and the Certification Report will be issued September 2001.

1.0 INTRODUCTION

This Certification Design Letter (CDL) describes the certification approach for demonstrating that soil in Area 9 Phase I (A9PI) meets the final remediation levels (FRLs) for all area-specific constituents of concern (ASCOCs). The format of this CDL follows guidelines presented in the Sitewide Excavation Plan (SEP, DOE 1998a). Accordingly, this CDL consists of six sections:

1.0 Introduction - Presentation of the purpose, objectives, and scope of this CDL

2.0 Historical and Precertification Data - Presentation and discussion of historical soil data and recently collected real-time and physical soil data from A9PI (also includes a summary of the supplemental background soil study)

3.0 Area-Specific Constituents of Concern - Discussion of selection criteria and ASCOCs for A9PI

4.0 Certification Units - Presentation of design, sampling and analytical methodologies

5.0 Schedule

References

1.1 OBJECTIVES

The primary objectives of this document are to:

- Define the boundaries of the area to be certified under the guidance of this CDL;
- Present historical data collected from within the area proposed for certification;
- Define the ASCOC selection process and list the selected A9PI ASCOCs;
- Present the certification unit (CU) boundaries and proposed certification sampling strategy;
- Summarize the analytical requirements and the statistical methodology that will be employed; and
- Present the proposed schedule for the certification activities.

1.2 SCOPE AND AREA DESCRIPTION

A9PI includes the 71.9-acre area adjacent to the northern half (approximately) of the eastern property boundary of the Fernald Environmental Management Project (FEMP), extending a distance of 750 feet

from the eastern FEMP property fence (Figure 1). Consistent with the SEP, off-site properties immediately adjacent to on-property areas that were remediated will require certification. A9PI is 71.9 acres; however, only 52.9 acres are adjacent to on-property areas that were excavated for remediation purposes (Figure 2). Both Area 1, Phase I (A1PI) and Area 1, Phase II (A1PII) were remediated and certified between 1997 and 2000. Therefor,e the northernmost 19 acres of A9PI do not require certification sampling.

Based on the results of the precertification real-time scan, the precertification and predesign physical sampling, and the supplemental background soil study, no soil excavation is anticipated for the A9PI certification area. The certification strategy will vary slightly from Approach E, as specified in the SEP, because much of the soil in this area has been plowed, thus eliminating the original surface layer of soil. Although the SEP defines the general requirements for certification, there are some undefined details for off-property certification due to various land-use conditions and potential requests of property owners, which will require regulatory approval in order to complete the certification. There is a need to evaluate subsurface soils to ensure that cultivation of the soil has had no impact below the plowed zone. The strategy for subsurface soil certification is outlined in an addendum to the SEP, Section 3.4.8 (DOE 2001a). No Integrated Remedial Design Package will need to be submitted.

2.0 HISTORICAL AND PRECERTIFICATION DATA

The purpose of precertification scanning and sampling activities within A9PI was to determine if the area was ready for certification. Once initial precertification activities were complete and the data were analyzed, some anomalous, elevated concentrations of beryllium and arsenic were identified. Based on these data, precertification activities were halted and predesign physical samples were collected to assess and/or bound these elevated soil concentrations and to determine if soil excavation would be necessary prior to certification of A9PI. Following review of the predesign sample analyses results, which confirmed widespread elevated results of beryllium and arsenic at the 12 to 36-inch interval, a decision was made to obtain background data from this depth interval. Since no background data were collected from the 6 to 36-inch interval in the 1992 background study (DOE 1993), a Supplemental Background Soil Study was conducted for comparison purposes. Based on the results of all the above sampling events, it was determined that no excavation would be required prior to certification of A9PI. The following section further summarizes the data collection chronology. Detailed explanations and the results of these events can be found in the A9PI Precertification Summary Report (DOE 2000a).

2.1 HISTORICAL DATA

Before initiating the certification process, all historical soil data pertinent to A9PI were pulled from the Sitewide Environmental Database (SED). These data are presented in Appendix A of this CDL. The review of these data primarily focused on results compared to the FRL.

There were only four historical sample locations within theA9PI certification area. Only one above-FRL result was identified and that was for radium-226 (result highlighted in Appendix A). Further investigation of this data point was not conducted since the result was not validated and the result above it was below the FRL.

A review of data collected along the FEMP property fence line indicates that concentration of cesium-137 and strontium-90 exist below the on-property FRLs, but are higher than the off-property FRLs. These two constituents of concern (COCs) will be added to the list of ASCOCs for the Group 1 CUs only.

2.2 PRECERTIFICATION REAL-TIME SCAN DATA

In December 1999, precertification real-time scanning began in the northwestern, unplowed portion of A9PI. The real-time scan was conducted pursuant to the Project Specific Plan (PSP) for A9PI Precertification Real-Time Scanning (DOE 1998b). The scan was accomplished using the mobile sodium iodide (NaI) detectors in the open fields and the high-purity germanium (HPGe) detectors in steep or wooded areas. Unfortunately, wet field conditions and snow cover prevented scanning after early January 2000. The first access agreement for A9PI obtained by DOE expired at the end of February 2000 with approximately only 25 percent of the scanning completed. A second access agreement was obtained starting on June 6, 2000, for a period of 90 days, and real-time scanning resumed at that time. Real-time scanning was complete in A9PI in late August 2000.

Real-time scan results and HPGe measurement results are included in Appendix B. Maps of the total uranium HPGe results are included because the mobile NaI instruments used to measure total counts are not sensitive enough to measure two times the FRL for uranium. The "Total Gross Counts per Second" map indicates elevated readings in the far south along the FEMP property fence line; however, the HPGe readings for uranium from that particular area are all below the FRLs.

Although not indicated on the "Total Gross Counts per Second" map, there were slightly elevated count rates along natural drainages in the northern, unplowed portion of A9PI. Once the scan results were analyzed, it was determined that potassium-40, a naturally occurring radioactive element, was the cause of the elevated readings. None of the other elements (radium-226, thorium-232, and total uranium) exhibited elevated readings.

There were seven HPGe readings that slightly exceeded the radium-226 FRL of 1.5 picoCuries per gram (pCi/g). HPGe measurements in the seven readings ranged from 1.503 to 1.853 pCi/g. These readings were collected within a rather localized area in the unplowed pasture. Wet field conditions prevented the collection of the confirmation (31 cm) HPGe readings, so instead, a confirmation physical sample was collected at each of those seven locations and analyzed at the on-site laboratory for the primary radiological COCs. All of these analytical data, including the radium-226 results, came back below the off-property FRLs, thus demonstrating that there is no problem with radium-226 contamination in this portion of A9PI. Confirmation sample results for radium-226 ranged from 0.866 to 1.355 pCi/g, as compared to the FRL of 1.5 pCi/g.

Other than the elevated readings explained above, all results were below the target levels (three times the FRL for the mobile NaI detectors; one time the FRL for the HPGe). These results indicate no radiological COCs present in concentrations above their respective FRLs in A9PI surface soil.

2.3 PRECERTIFICATION PHYSICAL SAMPLING AND RESULTS

In January 2000, precertification physical samples were collected at nine locations in the plowed portions of A9PI. The samples were collected and analyzed according to the PSP for A9PI Precertification Physical Sampling (DOE 1999) to determine whether cultivation had any influence on the distribution and concentrations of ASCOCs. At each of the nine locations, a boring was advanced to a depth of 36 inches to determine the maximum depth of the plowed zone. Samples were collected at 6-inch intervals throughout the boring for analysis to determine and evaluate the effects of plowing on the distribution of ASCOCs. The nine boring locations were distributed throughout the southern plowed portion of A9PI, which is immediately adjacent to the FEMP site boundary.

The results of the initial round of physical samples identified below-FRL conditions in the top 12 inches (i.e., surface soil) as expected for each ASCOC. Upon collection, the project geologist determined that the depth of plowing ranged from 7 to 12 inches. Uranium concentrations in the surface soil were well below the FRL [50 milligrams per kilogram (mg/kg)]. Uranium concentrations dropped significantly with depth of soil confirming an airborne deposition pattern. Subsurface (12 to 36-inch profile) sample results showed concentrations of arsenic, beryllium, and radium-226 that were higher than surface concentrations. All other indicator ASCOCs (e.g., thorium, radium-228) were below FRLs in both surface and subsurface soil. The sample results at depth were unexpected, given the profile of uranium in the soil column, which indicated no significant site influence below 12 inches.

Manganese was also analyzed in the initial nine borings because it had been retained as a contaminant of ecological concern (COEC) in A1PI. Because it was a COEC in A1PI, it should not have been retained as an ASCOC in A9PI. The SEP does not include manganese as a COEC off-property, so it was dropped as an ASCOC in A9PI (DOE 1998a) after the initial sampling round. Potassium-40 data are also presented since it can be used as an indicator for comparison with real-time scans. Results from the analysis of precertification physical samples are presented in Appendix C.

2.4 PREDESIGN INVESTIGATION PHYSICAL SAMPLING

After discussions with the property owner and the regulatory agencies regarding the results of the initial nine borings, it was agreed that further investigation was warranted within A9PI. In April 2000, DOE submitted the A9PI Predesign Work Plan (DOE 2000b) to the agencies. The work plan proposed 19 additional borings (each analyzed at 6-inch intervals to a depth of 36 inches), primarily within the plowed portion of A9PI and four surface samples from the northern (primarily unplowed) portion of A9PI.

On June 6, 2000, DOE obtained access to the A9PI off-property area for 90 days. The analysis of the samples from the 19 borings did not answer the questions regarding the nature and extent of elevated concentrations of arsenic, beryllium and radium-226 in the subsurface soil. As a result, several rounds of additional physical samples were collected to attempt to fully characterize the concentration patterns and profiles of the arsenic, beryllium and radium-226. In total, 419 samples were analyzed from 67 locations within A9PI. Appendix C contains the data from the analysis of the predesign investigation samples collected in A9PI.

The results from the analysis of the A9PI physical samples showed that arsenic, beryllium, and radium-226 were present in concentrations in subsurface soil that were higher than the surface soil in a large portion of A9PI. However, no elevated concentrations were found in the northern, uncultivated certification area of A9PI. All other indicator ASCOCs (e.g., thorium) were below FRLs. Further, the elevated arsenic, beryllium and radium-226 concentration trends in the subsurface soil did not correlate with uranium concentration trends. The unexpected findings in the subsurface soil resulted in a review of the existing background soil data. The review of the background soil data, originally collected and analyzed in 1992, revealed that subsurface background data were not available for the 6 to 36-inch interval, which was the interval of concern in A9PI. As a result, efforts were initiated to collect additional background data for selected constituents for the 6 to 36-inch interval.

2.5 SUPPLEMENTAL BACKGROUND SOIL STUDY

The objective of the supplemental background soil study was to assess ASCOC concentrations between 12 and 36 inches in areas uninfluenced by past Fernald emissions for comparison to A9PI subsurface soil concentrations. The sampling was designed to assess the concentrations of the selected ASCOCs in farm fields having soil characteristics and past land uses similar to A9PI. This was necessary to

distinguish any FEMP-related contamination from naturally occurring or other anthropogenic sources on crop-producing lands such as A9PI. Selected COCs analyzed for in the 1992 study were analyzed for in the supplemental study to provide a complete set of new data for comparison purposes and a complete analysis of the 12 to 36-inch interval.

Eleven of the 30 properties evaluated under the 1992 study were selected and sampled in this supplemental program. These properties are located approximately three miles northwest of the FEMP. Sampling activities were carried out pursuant to the PSP for Supplemental Background Soil Study (DOE 2000c). A total of 44 borings were advanced to a depth of 36 inches in 11 properties (four borings per property). One of the four borings on each property was located as close as possible to the former 1992 boring location, and the other three were evenly spread in the property at locations representative of each crop field. One of the four borings from each property was collected for archive purposes. Therefore, 33 borings were collected for laboratory analysis. Samples from each boring were collected in 6-inch intervals from a depth of 0 to 36 inches. The 6 to 12-inch interval from each boring was archived. The total number of samples collected was 264 (165 for analysis and 99 for archive). The collection of the 0 to 6-inch interval was to compare the results of the original background study completed in 1992 to the supplemental background study.

In general, the new background surface (0 to 6 inches) concentrations for arsenic, beryllium, radium-226, the three ASCOCs of concern in A9PI, and total uranium are consistent with the old background surface concentrations. Arsenic, beryllium and radium-226 background subsurface soil concentrations are generally higher than surface concentrations and peak at the 12 to 24-inch depth interval, as also seen in the A9PI data. Based on the Supplemental Background Study, average background concentrations of beryllium exceed the off-property FRL. Unlike arsenic, beryllium and radium-226, background uranium surface soil concentrations are slightly higher than subsurface concentrations. Details and data from the Supplemental Background Soil Study are included in the A9PI Precertification Summary Report (DOE 2000a.

3.0 AREA-SPECIFIC CONSTITUENTS OF CONCERN

In the Operable Unit 5 (OU5) Record of Decision (ROD, DOE 1996), there are 80 soil COCs with established FRLs. These COCs were retained for further investigation based on a screening process that considered the presence of the constituent in site soil and the potential risk to a receptor exposed to soil containing this contaminant. In spite of the conservative nature of this COC retention process, many of the COCs with established FRLs have a limited distribution in site soil or the presence of the COC is based on high contract required detection limits (CRDLs). When FRLs were established for these COCs in the OU5 ROD, the FRLs were initially screened against site data presented on spatial maps to establish a picture of potential remediation areas.

By reviewing existing Remedial Investigation/Feasibility Study data presented on spatial distribution maps, it was possible to reduce the sitewide list of soil COCs from 80 listed in the OU5 ROD to 30. This reduction was possible because the majority of the COCs with FRLs listed in the OU5 ROD have no detections above their corresponding FRL, thus eliminating them from further consideration. The 30 remaining sitewide COCs account for over 99 percent of the combined risk to a site receptor model, and they comprise the list from which all of the remediation ASCOCs are drawn. When planning certification for a remediation area, additional selection criteria are used to derive a subset of these 30 COCs. This subset of COCs is passed along to the certification process.

3.1 SELECTION CRITERIA

All of the sitewide primary COCs (total uranium, radium-226, radium-228, thorium-232, and thorium-228) will be retained as ASCOCs for certification in all areas of the site. The selection process for retaining secondary ASCOCs for a remediation area is driven by applying a set of decision criteria. A soil contaminant will be retained as an ASCOC if the following apply:

- It was retained as an ASCOC in adjacent FEMP soil remediation areas;
- It is listed as a soil COC in the OU5 ROD, and it is listed as an ASCOC in Table 2-7 of the SEP for the Remediation Area of interest (Note: Table 2-7 does not include off-property Area 9.);
- Analytical results show that a contaminant is present above its FRL, and the above-FRL concentrations are not attributable to false positives or elevated CRDLs;

- It can be traced to site use, either through process knowledge or known release of the constituent to the environment; and

- Physical characteristics of the contaminant, such as degradation rate and volatility, indicate it is likely to persist in the soil between time of release and remediation.

3.2 ASCOC SELECTION PROCESS FOR A9PI

The ASCOC selection process for Area 9 off-property areas varies slightly. Total uranium, radium-226, radium-228, thorium-228 and thorium-232 are sitewide primary COCs, and will be retained as ASCOCs for this reason. The remaining suite of ASCOCs to be analyzed during certification of the A9PI off-property soil is based on the precertification and predesign data and must include the suite of ASCOCs from the adjacent FEMP soil remediation areas as stated in the SEP. Therefore, the ASCOCs for A9PI include the suite of ASCOCs for A1PI and A1PII. All ASCOCs will be certified to the more stringent off-property soil FRLs identified in the OU5 ROD.

As discussed in Section 2.1, historical data show that no other ASCOCs are present above the FRL in A9PI, and meet the above criteria for being retained. However, as a result of the concentrations of cesium-137 and strontium-90 found to exist at the FEMP property fence line, they will be included as ASCOCs for the Group 1 CUs only. The concentrations are below the on-property FRLs, but are higher than the off-property FRLs. The selected A9PI ASCOCs are listed on Table 1, along with their applicable FRLs.

4.0 CERTIFICATION APPROACH

4.1 CERTIFICATION DESIGN

The certification design for A9PI follows the general approach outlined in Section 3.4 of the SEP. Approach E from the SEP will be used as a basis for certification design, as described in Section 4.5 of the SEP. However, the certification strategy will vary slightly from Approach E, as specified in the SEP, because much of the soil in this area has been plowed, thus eliminating the original surface layer of soil. There is also a need to evaluate subsurface soils to ensure that soil cultivation has had no impact below the plowed zone. In the unplowed areas, the top 6 inches of soil will be certified. In the cultivated areas, soil certification will be to a depth of 36 inches, as described in Section 3.4.8 of the SEP Addendum.

Historical land uses, soil COC data, precertification data and topography (Figures 3A and 3B) are used to establish CU boundaries. Because there were no FEMP production-related land uses in A9PI (off-property area), the precertification and predesign data and the topography of A9PI were the main drivers for CU delineation. The on-property remediation of A1PI and A1PII was also a key factor in CU determination. As a result of the prior on-site excavation of A1PI and A1PII for remediation purposes, Group 1 CUs were established along the fence line, allowing for more concentrated sampling, to ensure the excavation had no effect on the off-property soil. Group 2 CUs were established to the east of the Group 1 CUs. As shown in Figure 4, 20 CUs have been established in A9PI as follows:

- **CU A9PI-01** — A Group 1 CU along the FEMP property fence line in northern unplowed portion of the A9PI area that requires certification sampling from 0 to 6 inches. An existing drainage is the northern border of CU 01 (Figure 3A)
- **CU A9PI-02 – CU A9PI-04** — Group 2 CUs to the east of CU 01 in the northern, unplowed portion of the A9PI area that requires certification sampling from 0 to 6 inches. An existing drainage (Figure 3A) is the southern border of CU 02 and the northern border CU 03.
- **CU A9PI-05 – CU A9PI-09** — Group 2 CUs to the east of group 1 CUs in the southern cultivated portion of the A9PI area that require certification sampling from 0 to 36 inches.

- **CU A9PI-10 – CU A9PI-20** Group 1 CUs along the FEMP property fence line in the southern cultivated portion of the A9PI area that require certification sampling from 0 to 36 inches.

The selection of certification sampling locations was conducted according to Section 3.4.2 of the SEP. Each CU was first divided into 16 approximately equal sub-CUs. Sample locations were then generated by randomly selecting an easting and northing coordinate within the boundaries of each sub-CU, then testing those locations against the minimum distance criteria for the CU. If the minimum distance criteria were not met, an alternative random location was selected for that sub-CU, and all the locations were re-tested. This process continued, until all 16 random locations met the minimum distance criteria. Several sample locations were not subject to random placement but were placed specifically to avoid topography that may limit access for sampling purposes. These locations were also tested against the minimum distance criterion. All sub-CUs and planned A9PI certification sampling locations are shown in Figure 5. Four of the 16 sample locations in each CU are designated with a "V," indicating archive sample locations. One sample location in each CU is designated with a "D," indicating a duplicate sample collection location.

Prior to commencement of certification sampling field activities, all certification sample locations will be surveyed and field verified to make sure no surface obstacles will prevent collection at the planned location. Locations may be moved if a subsurface obstacle such as a rock or tree root prevent collection, as long as requirements discussed in the PSP for A9PI Certification Sampling (DOE 2001b) are followed.

CU 01 THROUGH CU 04

Samples will be collected from 0 to 6 inches at all 16 locations in each CU. Twelve samples per CU will be collected for analysis. The four samples designated as "archive" will be stored in the event they are needed for additional analysis.

CU 05 THROUGH CU 20

Composite samples will be collected from 0 to 12 inches at all 16 locations in each CU. Twelve samples per CU will be collected for analysis. The four samples designated as "archive" will be stored in the event they are needed for additional analysis. At each of the four "archive" locations, a composite sample will also be collected from 12 to 36 inches. These samples are designated as background

certification samples per Section 3.4.8 of the SEP Addendum. All four 12 to 36-inch samples will be analyzed for subsurface certification purposes to background concentrations.

4.2 ANALYTICAL METHODOLOGY

Laboratory analysis of certification samples will be conducted using an approved analytical method, as discussed in Appendix H of the SEP. Analyses will be conducted to Analytical Support Level (ASL) D or E, where the minimum detection level of 10 percent of the FRL is above the SCQ ASL detection level, but the analyses meet all other SCQ ASL D criteria. An ASL D data package will be provided for a minimum of 10 percent of the data, with an ASL B package for the remaining 90 percent. Because results are batched or grouped by CU, all results from a minimum of two of the 20 CUs will be validated to ASL D. Samples rejected during this validation will be re-analyzed, or an archive sample may be substituted if there is insufficient material available from the initial sample. Once data are validated as required, results will be entered into the SED.

4.3 STATISTICAL ANALYSIS

Once data are entered into the SED, a statistical analysis will be performed to evaluate the pass/fail criteria for each CU. The statistical approach is discussed in Section 3.4.3, Appendix G of the SEP, and Section 3.4.8 of the SEP Addendum.

4.3.1 Surface Samples (0 to 6-inch and 0 to 12-inch)

Two criteria must be met for the CU to pass certification. If the data distribution is normal or lognormal, the first criterion compares the 95 percent Upper Confidence Limit (UCL) on the mean of each primary COC to its FRL, or the 90 percent UCL on the mean of each secondary ASCOC. On an individual CU basis, any ASCOC with the 95 percent UCL (for primary ASCOCs) or 90 percent UCL above the FRL results in that CU failing certification. If the data distribution is not normal or lognormal, the appropriate nonparametric approach discussed in Appendix G of the SEP will be used to evaluate the second criterion. The second criterion is the hot spot criterion, which states that all ASCOC results must not exceed two times the FRL. When the given UCL on the mean for each COC is less than its FRL and the hotspot criterion is met, the CU will be considered certified.

In the event that a CU fails certification, the following scenarios will be evaluated: 1) a high variability in the data set, 2) localized contamination, and 3) widespread contamination. Details on the evaluation

and responses to these possible outcomes are provided in Section 3.4.5 of the SEP. When all CUs within the scope of this CDL have passed certification, a Certification Report will be issued. The Certification Report will be submitted to the regulatory agencies to receive acknowledgment that the pertinent operable unit remedial actions were completed, and the individual CUs are certified and may be released for interim or final land use. Section 7.4 of the SEP provides additional details and describes the required content of the Certification Report.

4.3.2 Subsurface Background Certification Samples (12 to 36-inch)

As described in Section 3.4.8 of the SEP Addendum (DOE 2001b), statistical analyses for the background certification samples (subsurface) compare the subsurface soil data to background concentrations. If all of the background certification data in the entire area to be certified are less than the 95th percentile background concentration for each COC, then the impacted area is not extended and the background area below/outside the impacted zone is considered certified. If any background certification result equals or exceed the 95th percentile background concentration, statistics of the background certification data set for each COC are evaluated. If any COC-specific background certification results are less than the corresponding background population based on a population-to-population comparison (i.e., t-test or Wilcoxon tests) or cannot be differentiated at 99 percent UCL, then the original impacted zone is not extended and the zone below/outside the impacted area is considered certified.

If any COC-specific data population is higher than the background population, more statistical evaluations of the data will be required. For example, all background certification data from any CU with concentration(s) higher than the 95th percentile background concentration will be grouped into a subset for evaluation. If the UCL of the mean of this subset of data for each COC is less than the 95th percentile background concentration, then the original impacted area is not extended, and the background zone below/outside the impacted surface CU is considered certified.

If the UCL of the mean of this subset of data for any COC is greater than the 95th percentile background concentration, then a portion of the originally designated background zone will be designated as impacted. This newly designated impacted zone will require FRL certification. The reduced background certification area will require re-analyses using the remaining background certification data to confirm

that background conditions exist. Guidelines of the background certification process are defined in the SEP Addendum.

5.0 SCHEDULE

The following draft schedule shows key activities for the completion of the work within the scope of this CDL. Implementation of this schedule is pending funding availability and property access. If necessary, an extension will be requested.

Activity	Target Date
Submittal of Certification Design Letter	January 19, 2001
Start of Certification Sampling	March 5, 2001
Complete Field Work	May 18, 2001
Complete Analytical Work	June 29, 2001
Complete Data Validation and Statistical Analysis	July 27, 2001
Submit Certification Report	September 17, 2001[a]

[a] Only the date for submittal of the Certification Report is a commitment to the U.S. Environmental Protection Agency and Ohio Environmental Protection Agency. Other dates are internal target completion dates.

REFERENCES

U.S. Department of Energy, 1993, "CERCLA/RCRA Background Soil Study," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1996, "Record of Decision for Remedial Action at Operable Unit 5," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1998a, "Sitewide Excavation Plan," Final, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1998b, "Project Specific Plan for Area 9, Phase I Precertification Real-Time Scan," Revision 0, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 1999, "Project Specific Plan for Area 9, Phase I, Precertification Physical Sampling," Revision 4, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2000a, "Area 9, Phase I Precertification Summary Report," Draft, Fernald Environmental Management Project, DOE Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2000b, "Area 9, Phase I Predesign Work Plan," Draft, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, OH.

U.S. Department of Energy, 2000c, "Project Specific Plan for Supplemental Background Soil Study," Revision 0, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2001a, "Addendum to the Sitewide Excavation Plan," Draft, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

U.S. Department of Energy, 2001b, "Project Specific Plan for Area 9, Phase I Certification Sampling," Draft, Fernald Environmental Management Project, DOE, Fernald Area Office, Cincinnati, Ohio.

TABLE 1
ASCOC LIST FOR ALL A9PI CERTIFICATION UNITS

ASCOC	Off-Property FRL	Reason Retained
Total Uranium	50 mg/kg	Retained as a primary ASCOC sitewide
Radium-226	1.5 pCi/g	Retained as a primary ASCOC sitewide
Radium-228	1.4 pCi/g	Retained as a primary ASCOC sitewide
Thorium-228	1.5 pCi/g	Retained as a primary ASCOC sitewide
Thorium-232	1.4 pCi/g	Retained as a primary ASCOC sitewide
Arsenic	9.6 mg/kg	ASCOC for A1PI
Aroclor-1260	0.004 mg/kg	ASCOC for A1PI
Beryllium	0.62 mg/kg	ASCOC for A1PI and A1PII
Technetium-99	1.0 pCi/g	ASCOC for A1PII
*Cesium-137	0.82 pCi/g	Above off-property FRLs at fence line
*Strontium-90	0.61 pCi/g	Above off-property FRLs at fence line

* Cesium-137 and strontium-90 to be analyzed for in soil from Group 1 CUs along fence line only

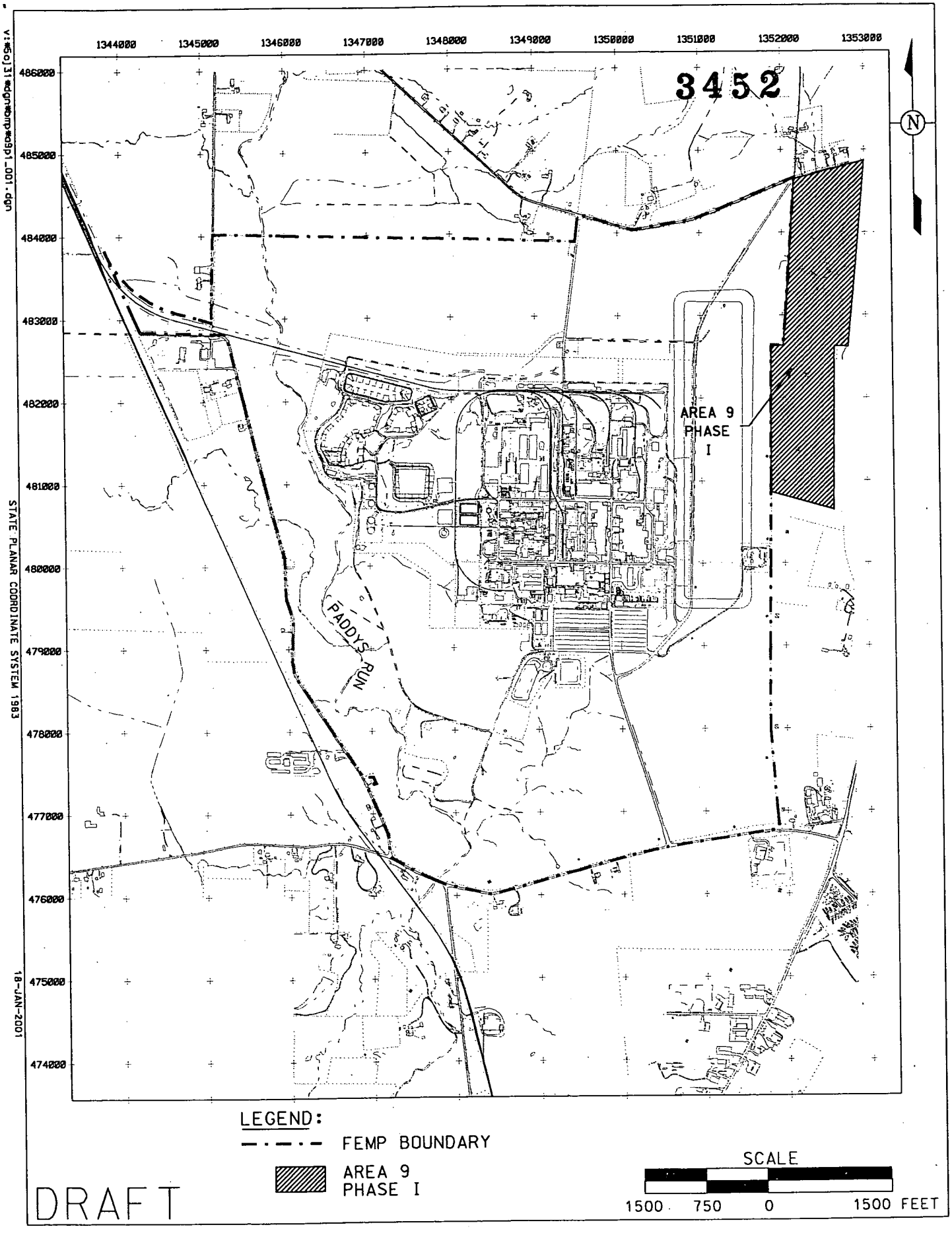


FIGURE 1. AREA 9, PHASE I LOCATION MAP

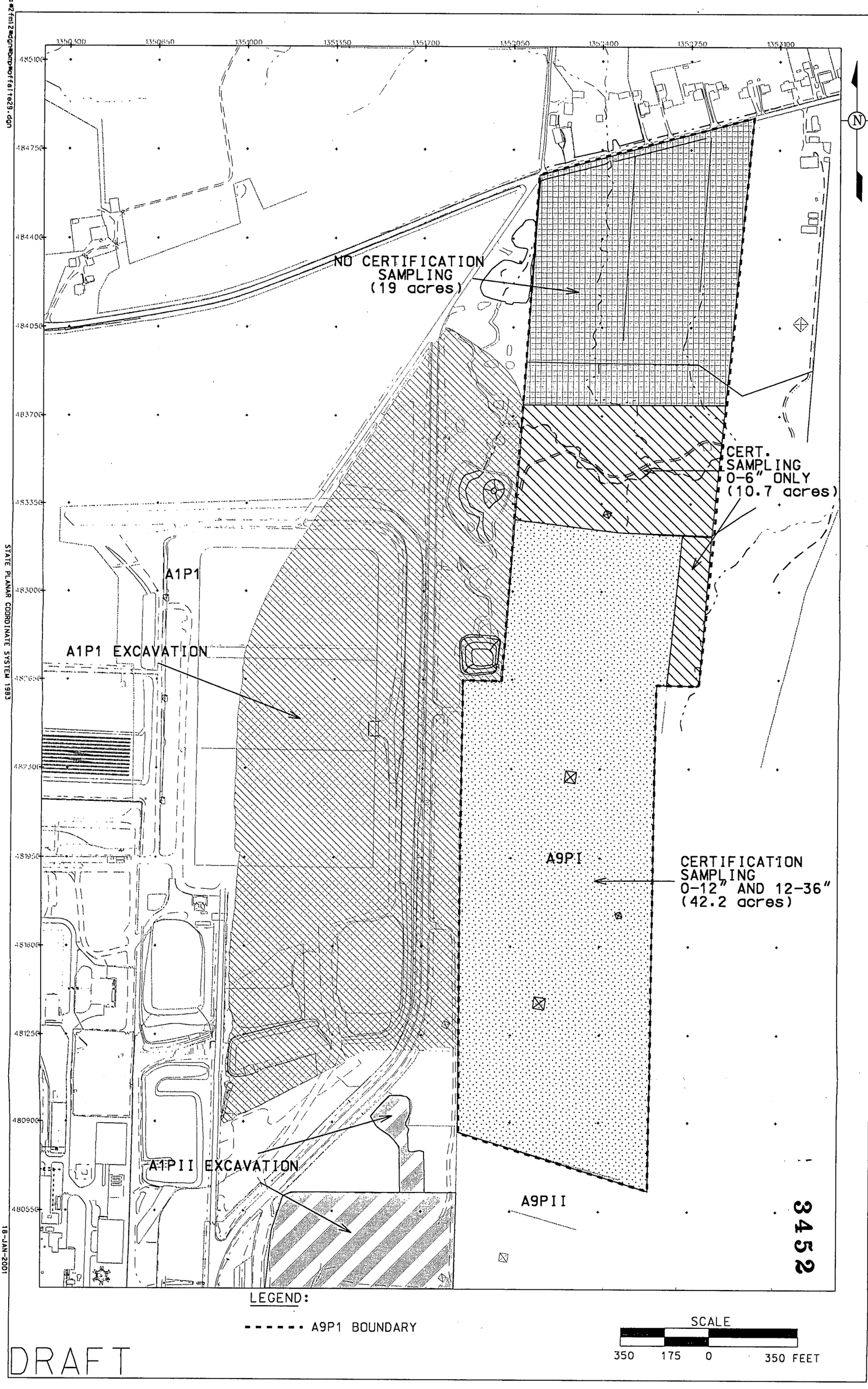


FIGURE 2. PROPOSED CERTIFICATION STRATEGY FOR AREA 9, PHASE I

LEGEND:

------ A9P1 BOUNDARY

SCALE

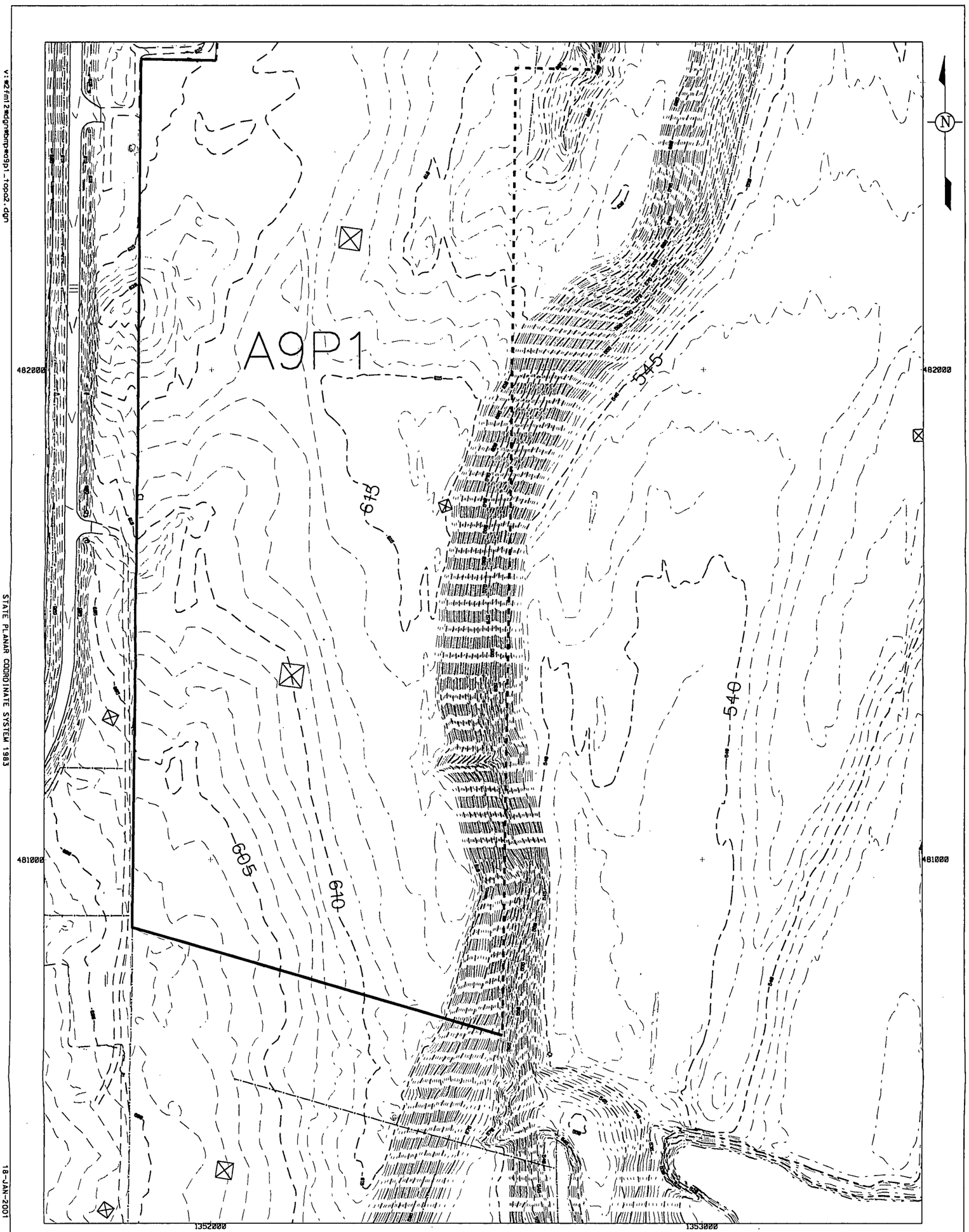
200 100 0 200 FEET

DRAFT

FIGURE 3A. AREA 9 PHASE 1 TOPOGRAPHY

STATE PLANAR COORDINATE SYSTEM 1983

18-JAN-2001



LEGEND:

------ A9P1 BOUNDARY

SCALE

200 100 0 200 FEET

DRAFT

FIGURE 3B. AREA 9 PHASE 1 TOPOGRAPHY

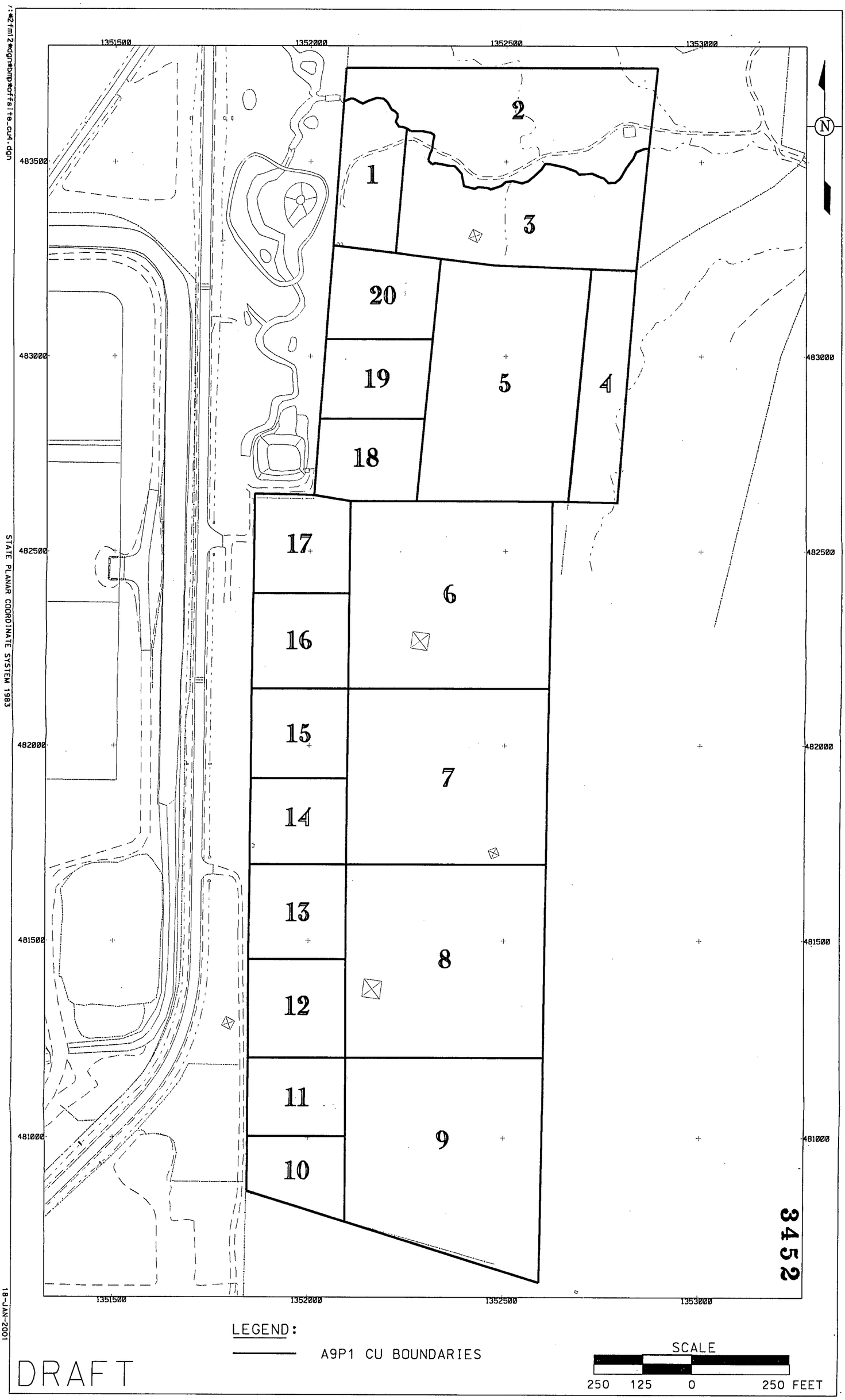


FIGURE 4. A9P1 CERTIFICATION UNITS

000028

APPENDIX A

HISTORICAL SAMPLES FROM A9PI AREA

APPENDIX A
HISTORICAL SAMPLE DATA
AREA 9, PHASE1

SAMPLE	LOCATION	DATE	TOP	BOTTOM	NORTH-83	EAST-83	PARAMETER	RESULT	UNITS	QUAL	QA_TYPE
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Gross Alpha	22	PCI/G	NV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Gross Alpha	16	PCI/G	NV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Gross Alpha	25	PCI/G	NV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Gross Alpha	22	PCI/G	NV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Gross Beta	12	PCI/G	NV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Gross Beta	14	PCI/G	NV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Gross Beta	17	PCI/G	NV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Gross Beta	15	PCI/G	NV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Radium-226	0.67	PCI/G	NV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Radium-226	0.6	PCI/G	NV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Radium-226	0.8	PCI/G	NV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Radium-226	0.96	PCI/G	NV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Radium-228	0.46	PCI/G	NV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Radium-228	0.56	PCI/G	NV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Radium-228	0.53	PCI/G	NV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Radium-228	0.5	PCI/G	NV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Thorium-228	0.95	PCI/G	NV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Thorium-228	0.97	PCI/G	NV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Thorium-228	0.97	PCI/G	NV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Thorium-228	0.96	PCI/G	NV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Thorium-230	1	PCI/G	NV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Thorium-230	0.99	PCI/G	NV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Thorium-230	1.1	PCI/G	NV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Thorium-230	0.97	PCI/G	NV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Thorium-232	0.93	PCI/G	NV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Thorium-232	0.92	PCI/G	NV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Thorium-232	0.92	PCI/G	NV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Thorium-232	0.95	PCI/G	NV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Uranium-234	3.4	PCI/G	UNV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Uranium-234	3.3	PCI/G	UNV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Uranium-234	3.9	PCI/G	UNV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Uranium-234	3.4	PCI/G	UNV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Uranium-235	0.17	PCI/G	UNV	NORMAL

000030

3452

APPENDIX A
HISTORICAL SAMPLE DATA
AREA 9, PHASE1

SAMPLE	LOCATION	DATE	TOP	BOTTOM	NORTH-83	EAST-83	PARAMETER	RESULT	UNITS	QUAL	QA_TYPE
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Uranium-236	0.02	PCI/G	UNV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Uranium-236	0.021	PCI/G	UNV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Uranium-236	0.047	PCI/G	UNV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Uranium-236	0.027	PCI/G	UNV	NORMAL
931215-141	L1	19931215	1	1.5	480929.44	1351881.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931215-142	L1	19931215	1.5	2	480929.44	1351881.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931215-143	L1	19931215	0	0.5	480929.44	1351881.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931215-144	L1	19931215	0.5	1	480929.44	1351881.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Gross Alpha	11	PCI/G	NV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Gross Alpha	16	PCI/G	NV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Gross Alpha	7.3	PCI/G	NV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Gross Alpha	11	PCI/G	NV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Gross Beta	8.1	PCI/G	NV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Gross Beta	14	PCI/G	NV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Gross Beta	8.7	PCI/G	NV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Gross Beta	6.4	PCI/G	NV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Radium-226	0.73	PCI/G	NV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Radium-226	0.52	PCI/G	NV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Radium-226	0.55	PCI/G	NV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Radium-226	6.5	PCI/G	NV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Radium-228	0.55	PCI/G	NV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Radium-228	0.56	PCI/G	NV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Radium-228	0.53	PCI/G	NV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Radium-228	0.57	PCI/G	NV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Thorium-228	0.94	PCI/G	NV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Thorium-228	0.97	PCI/G	NV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Thorium-228	0.99	PCI/G	NV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Thorium-228	1.1	PCI/G	NV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Thorium-230	1	PCI/G	NV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Thorium-230	1.1	PCI/G	NV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Thorium-230	0.95	PCI/G	NV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Thorium-230	1.1	PCI/G	NV	NORMAL

000031

APPENDIX A
HISTORICAL SAMPLE DATA
AREA 9, PHASE1

SAMPLE	LOCATION	DATE	TOP	BOTTOM	NORTH-83	EAST-83	PARAMETER	RESULT	UNITS	QUAL	QA_TYPE
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Thorium-232	0.89	PCI/G	NV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Thorium-232	0.98	PCI/G	NV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Thorium-232	0.95	PCI/G	NV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Thorium-232	1	PCI/G	NV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Uranium-234	2.9	PCI/G	UNV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Uranium-234	3.2	PCI/G	UNV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Uranium-234	3	PCI/G	UNV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Uranium-234	2.1	PCI/G	UNV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Uranium-235	0.18	PCI/G	UNV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Uranium-236	0.033	PCI/G	UNV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Uranium-236	0.029	PCI/G	UNV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Uranium-236	0.017	PCI/G	UNV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Uranium-236	0.01	PCI/G	UNV	NORMAL
931215-145	L2	19931215	0	0.5	480929.44	1351931.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931215-146	L2	19931215	0.5	1	480929.44	1351931.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931215-147	L2	19931215	1	1.5	480929.44	1351931.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931215-148	L2	19931215	1.5	2	480929.44	1351931.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Gross Alpha	24	PCI/G	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Gross Alpha	16	PCI/G	NV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Gross Beta	23	PCI/G	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Gross Beta	12	PCI/G	NV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Radium-226	0.57	PCI/G	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Radium-226	0.74	PCI/G	NV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Radium-228	0.16	PCI/G	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Radium-228	0.29	PCI/G	NV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Thorium-228	0.33	PCI/G	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Thorium-228	0.56	PCI/G	NV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Thorium-230	0.7	PCI/G	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Thorium-230	0.86	PCI/G	NV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Thorium-232	0.3	PCI/G	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Thorium-232	0.53	PCI/G	NV	NORMAL

3452

000032

APPENDIX A
HISTORICAL SAMPLE DATA
AREA 9, PHASE1

SAMPLE	LOCATION	DATE	TOP	BOTTOM	NORTH-83	EAST-83	PARAMETER	RESULT	UNITS	QUAL	QA_TYPE
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Uranium-234	-99	WT.%(U)	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Uranium-234	3	PCI/G	UNV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Uranium-235	-99	WT.%(U)	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Uranium-236	-99	WT.%(U)	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Uranium-236	0.029	PCI/G	UNV	NORMAL
931228-047	J4	19931228	0	0.5	480829.44	1352031.05	Uranium-238	-99	WT.%(U)	NV	NORMAL
931228-048	J4	19931228	0.5	1	480829.44	1352031.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Gross Alpha	30	PCI/G	NV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Gross Alpha	42	PCI/G	NV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Gross Alpha	19	PCI/G	NV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Gross Alpha	15	PCI/G	NV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Gross Beta	30	PCI/G	NV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Gross Beta	48	PCI/G	NV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Gross Beta	23	PCI/G	NV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Gross Beta	14	PCI/G	NV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Radium-226	1.1	PCI/G	NV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Radium-226	0.44	PCI/G	NV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Radium-226	1	PCI/G	NV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Radium-226	1	PCI/G	NV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Radium-228	0.41	PCI/G	NV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Radium-228	0.48	PCI/G	NV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Radium-228	0.48	PCI/G	NV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Radium-228	0.67	PCI/G	NV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Thorium-228	0.94	PCI/G	NV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Thorium-228	0.91	PCI/G	NV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Thorium-228	0.97	PCI/G	NV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Thorium-228	1.1	PCI/G	NV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Thorium-230	1	PCI/G	NV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Thorium-230	0.98	PCI/G	NV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Thorium-230	0.97	PCI/G	NV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Thorium-230	1.2	PCI/G	NV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Thorium-232	0.97	PCI/G	NV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Thorium-232	0.89	PCI/G	NV	NORMAL

000033

APPENDIX A
HISTORICAL SAMPLE DATA
AREA 9, PHASE1

SAMPLE	LOCATION	DATE	TOP	BOTTOM	NORTH-83	EAST-83	PARAMETER	RESULT	UNITS	QUAL	QA_TYPE
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Thorium-232	0.97	PCI/G	NV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Thorium-232	1.1	PCI/G	NV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Uranium-234	3.6	PCI/G	UNV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Uranium-234	3.7	PCI/G	UNV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Uranium-234	4.1	PCI/G	UNV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Uranium-234	3.1	PCI/G	UNV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Uranium-235	0.17	PCI/G	UNV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Uranium-236	0.037	PCI/G	UNV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Uranium-236	0.032	PCI/G	UNV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Uranium-236	0.031	PCI/G	UNV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Uranium-236	0.0078	PCI/G	UNV	NORMAL
931228-049	L3	19931228	0	0.5	480929.44	1351981.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931228-050	L3	19931228	0.5	1	480929.44	1351981.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931228-051	L3	19931228	1	1.5	480929.44	1351981.05	Uranium-238	3.7	PCI/G	UNV	NORMAL
931228-052	L3	19931228	1.5	2	480929.44	1351981.05	Uranium-238	3.7	PCI/G	UNV	NORMAL

000034

3452

APPENDIX B

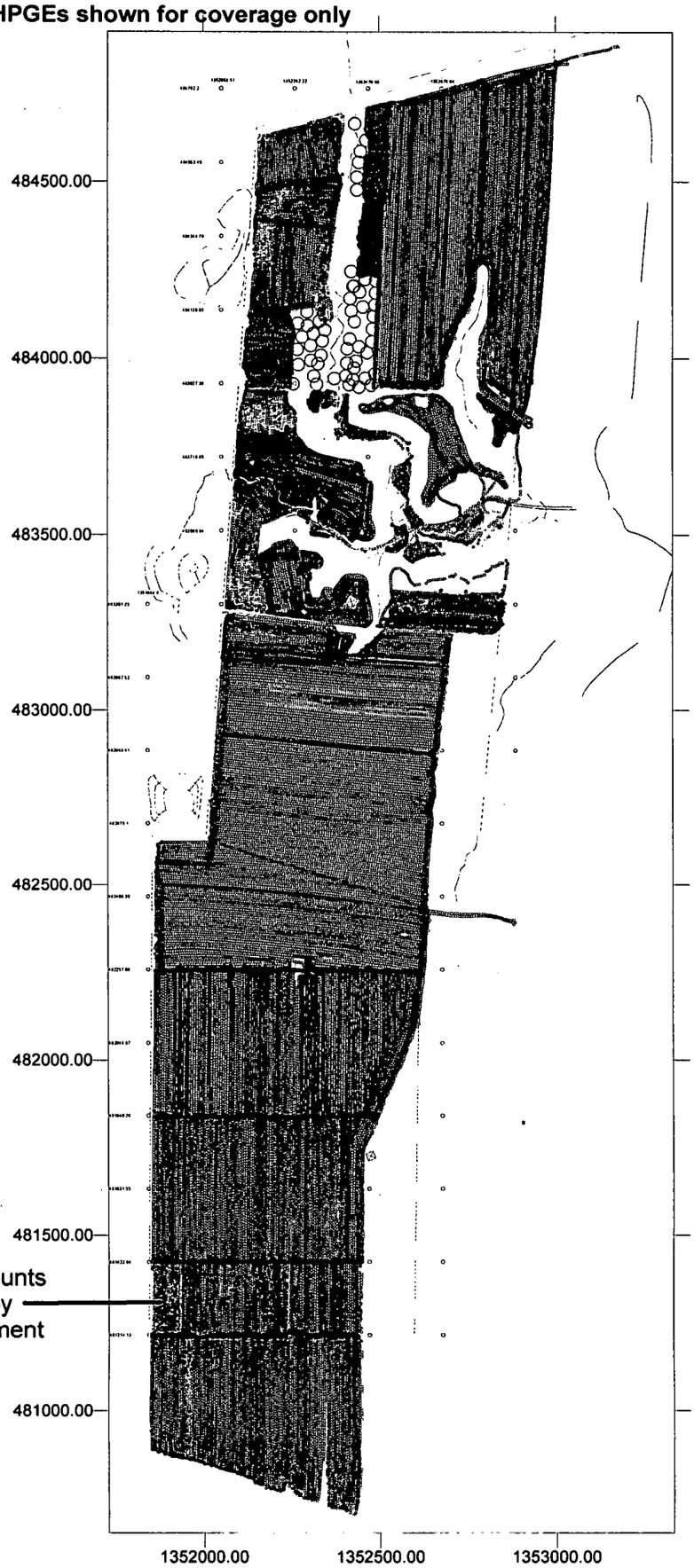
REAL-TIME DATA MAPS AND TABLES

Area 9 Phase I, Phase I

3452

Total Gross Counts per Second (cps)

RTRK Batch#: 777,778,779,780,812,813,815-817,819-822,824
RSS Batch#: 518,519,520,521,522,523,583,584,590,591-602,606,610,611 613,614,616-618,622-624
HPGe Det.: 30904, 31144, 31265, 40743
Measurement Dates: 12/21/99 to 08/15/00
Field of view to scale
HPGEs shown for coverage only



Elevated total counts caused by nearby radioactive shipment

000036

RMS Total Counts (cps)
- 0.00 to 2500.00
- 2500.00 to 3500.00
- 3500.00 to 4500.00
- 4500.00 to 10000.00

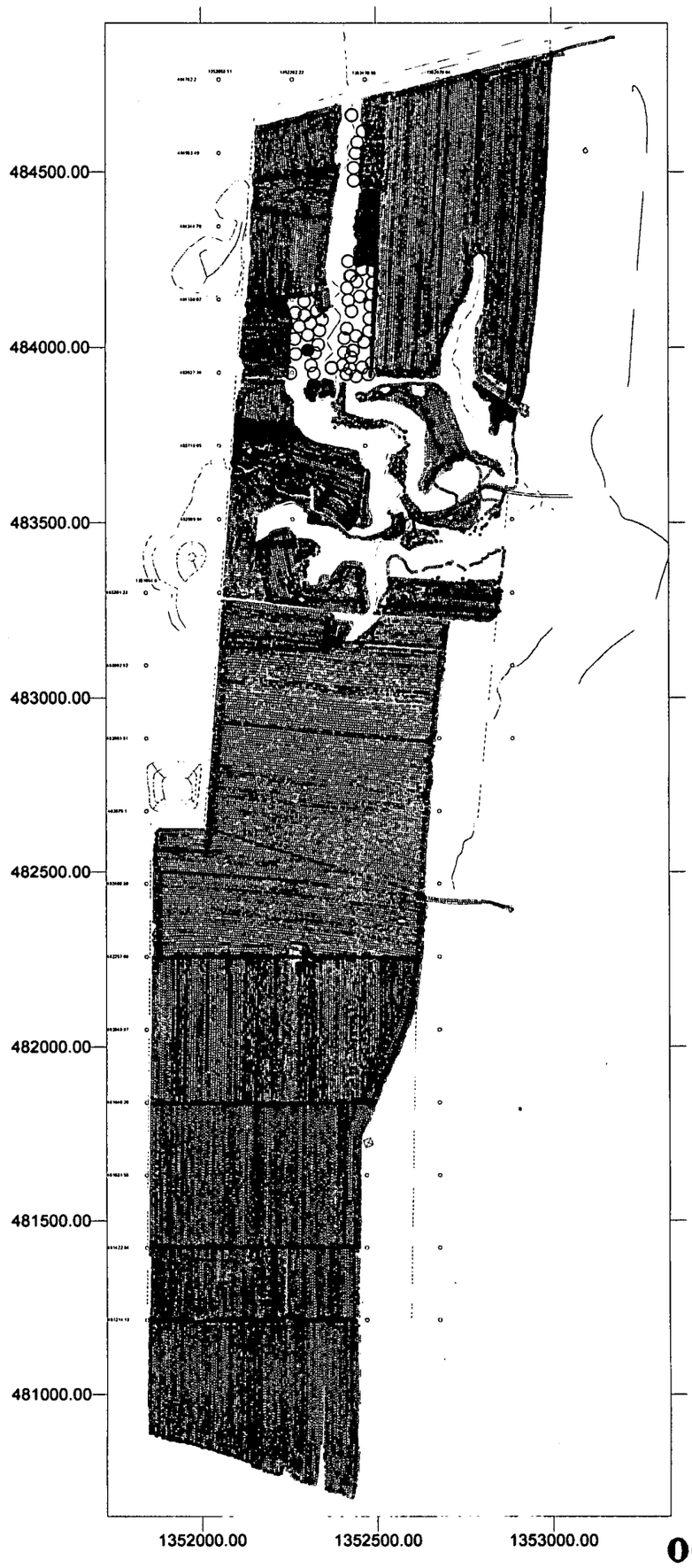
RTIMP DWG Title: A9P1-P1-PC_TC_1PT_MC.srf
Project Name: A9P1 PreCert Real Time Scan
Project Number: 20702-PSP-0001
Prepared By: David Allen!
File Name: A9P1_P1_PC_TC_1PT_MC.srf
Date Prepared: 11/16/00

Area 9 Phase I, Phase I

3452

Moisture Corrected Potassium-40

RTRK Batch#: 777,778,779,780,812,813,815-817,819-822,824
RSS Batch#: 518,519,520,521,522,523,583,584,590,591-602,606,610,611 613,614,616-618,622-624
HPGe Det.: 30904, 31144, 31265, 40743
Measurement Dates: 12/21/99 to 08/15/00
Field of view to scale



000037

RMS K-40 (pCi/g)
0.00 to 10.00
10.00 to 15.00
15.00 to 20.00
20.00 to 10000.00

HPGe K-40 (pCi/g)
0.00 to 10.00
10.00 to 15.00
15.00 to 20.00
20.00 to 10000.00

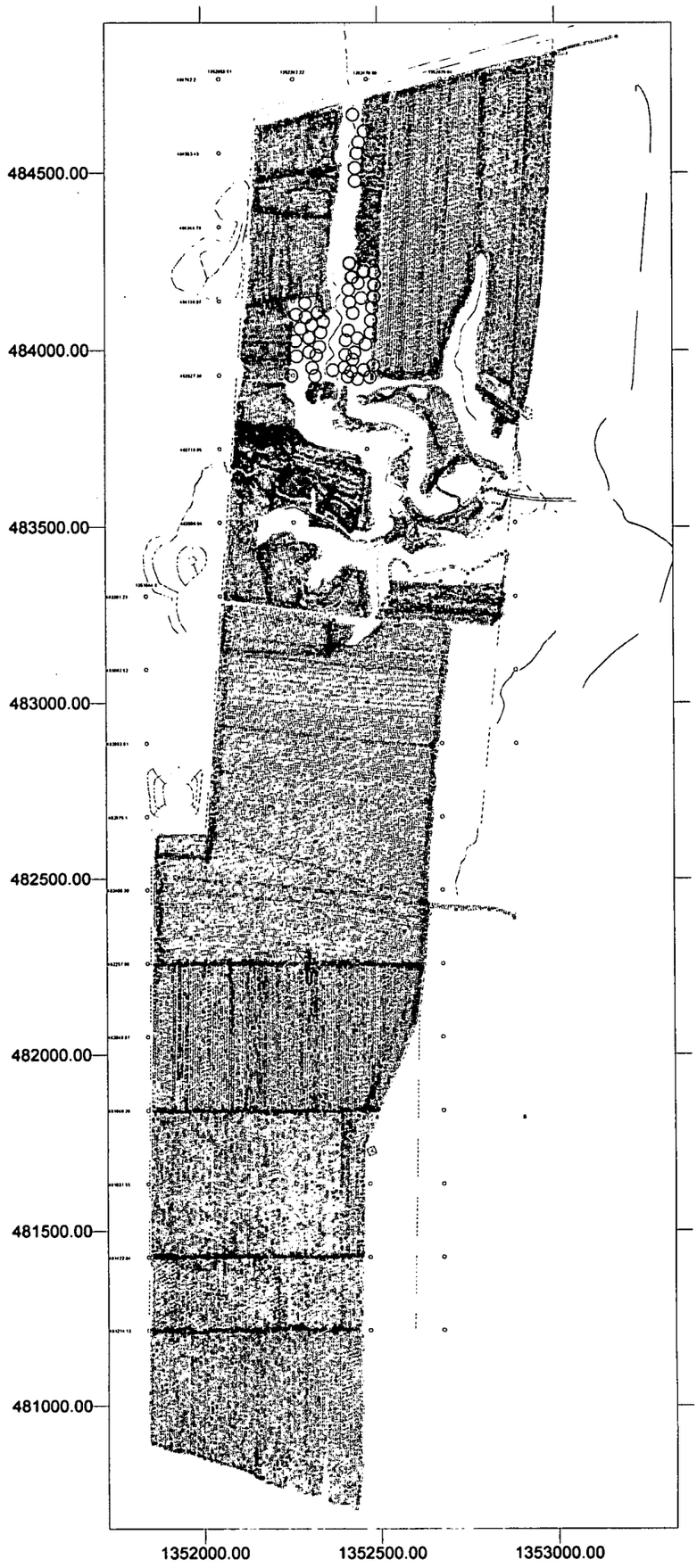
RTIMP DWG Title: A9P1-P1-PC_K_2PT_MC.srf
Project Name: A9P1 PreCert Real Time Scan
Project Number: 20702-PSP-0001
Prepared By: David Allenl
File Name: A9P1_P1_PC_K_2PT_MC.srf
Date Prepared: 11/16/00

Area 9 Phase I, Phase I

3452

Moisture & Radon Corrected Radium-226

RTRK Batch#: 777,778,779,780,812,813,815-817,819-822,824
RSS Batch#: 518,519,520,521,522,523,583,584,590,591-602,606,610,611 613,614,616-618,622-624
HPGe Det.: 30904, 31144, 31265, 40743
Measurement Dates: 12/21/99 to 08/15/00
Field of view to scale



000038

RMS Ra-226 (pCi/g)
-0.20 to 1.50
1.50 to 3.00
3.00 to 4.50
4.50 to 10000.00

HPGe Ra-226 (pCi/g)
0.00 to 1.50
1.50 to 3.00
3.00 to 4.50
4.50 to 10000.00

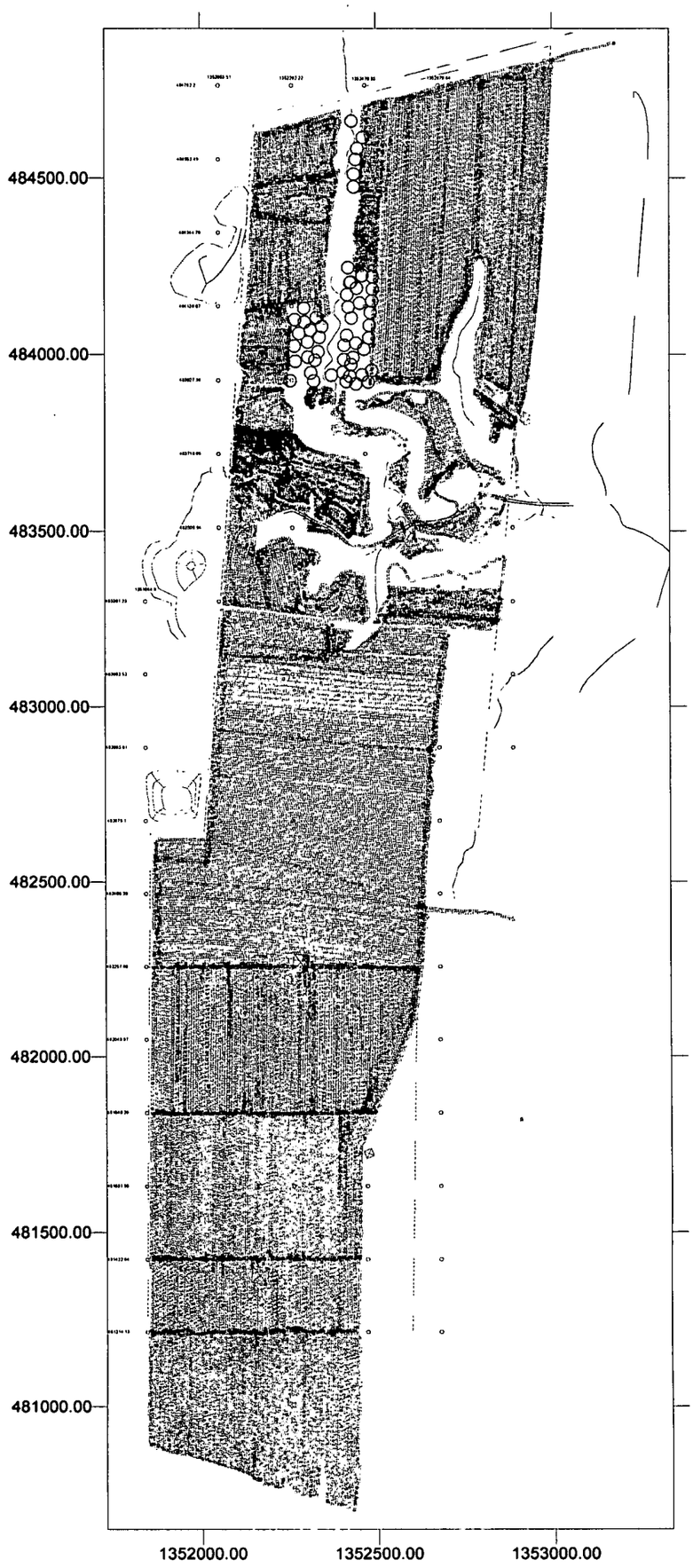
RTIMP DWG Title: A9P1-P1-PC_RA_2PT_MC.srf
Project Name: A9P1 PreCert Real Time Scan
Project Number: 20702-PSP-0001
Prepared By: David Allenl
File Name: A9P1_P1_PC_RA_2PT_MC.srf
Date Prepared: 11/16/00

Area 9 Phase I, Phase I

3452

Moisture Corrected Thorium-232

RTRK Batch#: 777,778,779,780,812,813,815-817,819-822,824
RSS Batch#: 518,519,520,521,522,523,583,584,590,591-602,606,610,611 613,614,616-618,622-624
HPGe Det.: 30904, 31144, 31265, 40743
Measurement Dates: 12/21/99 to 08/15/00
Field of view to scale



000039

RMS Th-232 (pCi/g)
-0.10 to 1.40
1.40 to 2.80
2.80 to 4.20
4.20 to 10000.00

HPGe Th-232 (pCi/g)
0.00 to 1.40
1.40 to 2.80
2.80 to 4.20
4.20 to 10000.00

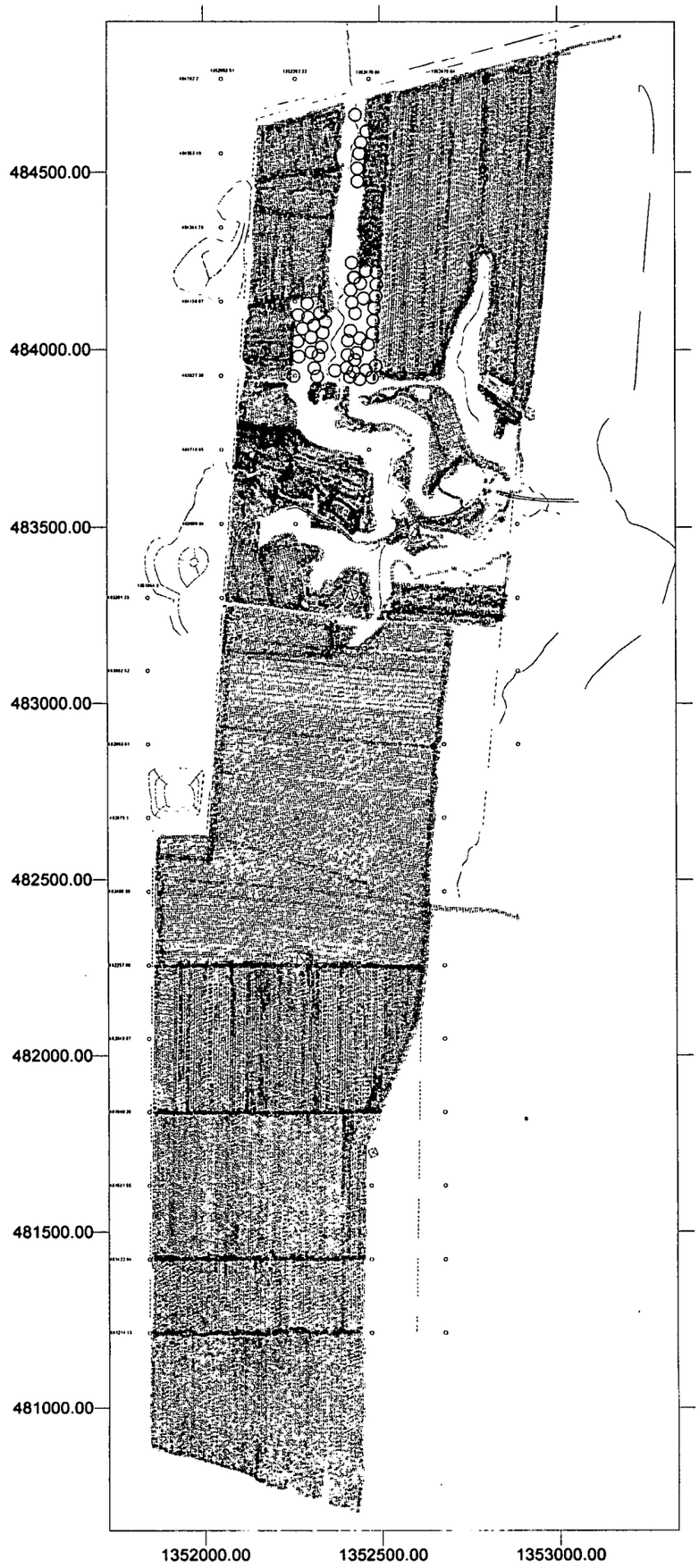
RTIMP DWG Title: A9P1-P1-PC_TH_2PT_MC.srf
Project Name: A9P1 PreCert Real Time Scan
Project Number: 20702-PSP-0001
Prepared By: David Allenl
File Name: A9P1_P1_PC_TH_2PT_MC.srf
Date Prepared: 11/16/00

Area 9 Phase I, Phase I

3452

Moisture Corrected Total Uranium

RTRK Batch#: 777,778,779,780,812,813,815-817,819-822,824
RSS Batch#: 518,519,520,521,522,523,583,584,590,591-602,606,610,611 613,614,616-618,622-624
HPGe Det.: 30904, 31144, 31265, 40743
Measurement Dates: 12/21/99 to 08/15/00
Field of view to scale



000040

RMS Total U (ppm)
-70.00 to 100.00
100.00 to 150.00
150.00 to 200.00
200.00 to 10000.00

HPGe Total U (ppm)
0.00 to 100.00
100.00 to 150.00
150.00 to 200.00
200.00 to 10000.00

RTIMP DWG Title: A9P1-P1-PC_TU_2PT_MC.srf
Project Name: A9P1 PreCert Real Time Scan
Project Number: 20702-PSP-0001
Prepared By: David Allenl
File Name: A9P1_P1_PC_TU_2PT_MC.srf
Date Prepared: 11/16/00

HPGe Results
Detector Height of 100cm.

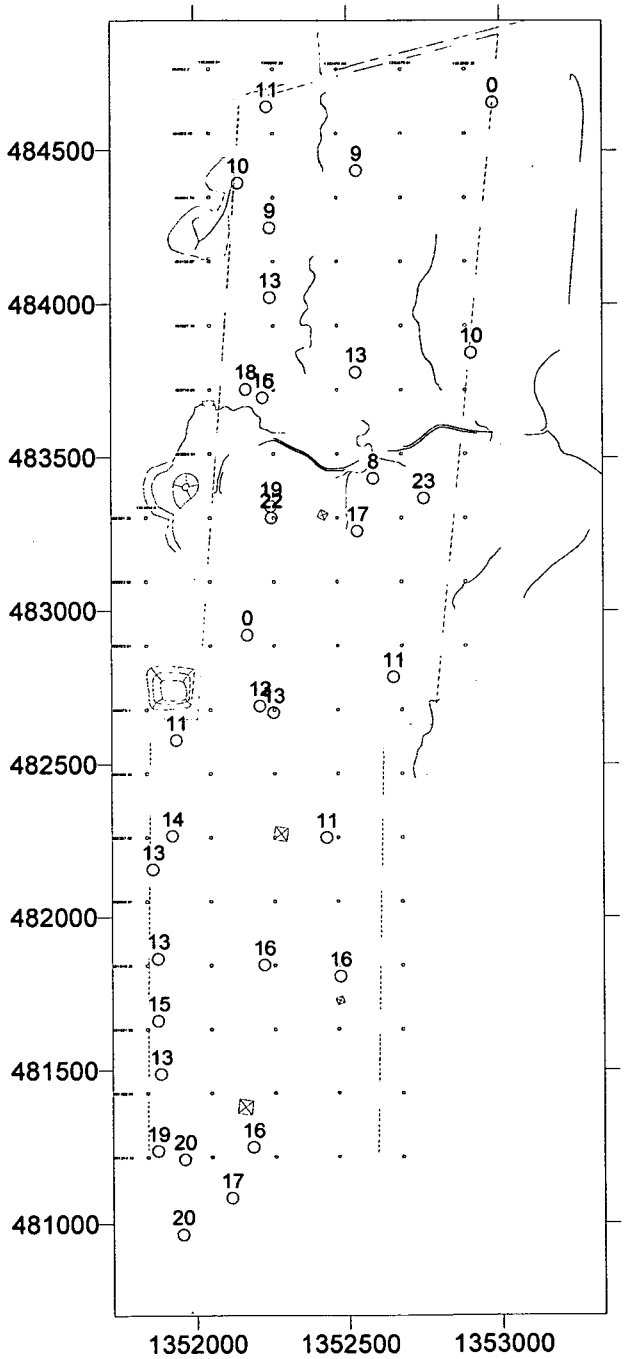
Location	Date	Northing	Easting	Det. Height	K-40	Ra-226	Th-232	ppm Tot. U
A9P1-P2-1-1-G	22Aug001	481234.3	1351877	100cm	12.3	1.378	0.944	19.2
A9P1-P2-2-1-G	22Aug001	481485.5	1351887	100cm	14.3	1.44	1.03	12.7
A9P1-P2-2-1-G-D	22Aug001	481485.5	1351887	100cm	14.3	1.572	1.05	13.2
A9P1-P2-3-1-G	22Aug001	481660	1351879	100cm	15	1.386	0.981	14.5
A9P1-P2-4-1-G	24Aug001	481861.9	1351879	100cm	13.6	1.333	0.994	13.2
A9P1-P2-5-1-G	24Aug001	482153.8	1351863	100cm	17.8	1.218	1.05	13
A9P1-P2-6-1-G	24Aug001	482262.7	1351927	100cm	13.6	1.285	0.972	14
A9P1-P2-7-1-G	24Aug001	482575.4	1351940	100cm	14.5	1.346	0.957	10.6
A9P1-P2-8-1-G	24Aug001	482665	1352259	100cm	11.6	1.386	0.942	13
A9P1-P2-9-1-G	24Aug001	482687.7	1352214	100cm	12	1.389	0.914	12.6
A9P1-P2-9-1-G-D	24Aug001	482687.7	1352214	100cm	11.8	1.34	0.973	12.4
A9P1-P2-10-1-G	24Aug001	482918.3	1352174	100cm	13.3	1.299	0.914	8.57E-02
A9P1-P2-11-1-G	25Aug001	483301	1352254	100cm	15.7	1.234	1.02	22.4
A9P1-P2-12-1-G	25Aug001	483338.3	1352252	100cm	17.2	1.255	1	18.9
A9P1-P2-13-1-G	25Aug001	483692.8	1352226	100cm	19.2	1.077	1.03	14.7
A9P1-P2-13-1-G-D	25Aug001	483692.8	1352226	100cm	19.3	1.139	1.03	15.6
A9P1-P2-14-1-G	25Aug001	483720.8	1352170	100cm	18.2	1.12	0.987	18.1
A9P1-P2-15-1-G	25Aug001	484018.5	1352250	100cm	15.5	1.145	0.925	13.4
A9P1-P2-16-1-G	28Aug001	484245.9	1352251	100cm	18	0.696	0.907	8.95
A9P1-P2-17-1-G	28Aug001	484391.4	1352146	100cm	14	1.102	0.902	9.6
A9P1-P2-18-1-G	25Aug001	484640.4	1352241	100cm	13.5	1.162	0.856	10.9
A9P1-P2-19-1-G	22Aug001	481245.7	1352188	100cm	12.8	2.164	1.02	15.7
A9P1-P2-20-1-G	24Aug001	481840.8	1352227	100cm	11.9	1.31	0.931	15.9
A9P1-P2-21-1-G	24Aug001	482256.8	1352432	100cm	16.2	1.299	1.06	10.6
A9P1-P2-22-1-G	24Aug001	482780.6	1352652	100cm	17.2	1.453	1.06	10.5
A9P1-P2-23-1-G	25Aug001	483257	1352535	100cm	18.1	1.004	0.991	16.5
A9P1-P2-24-1-G	25Aug001	483429	1352587	100cm	21.5	0.891	0.83	7.73
A9P1-P2-25-1-G	28Aug001	483775.8	1352531	100cm	17.4	0.586	0.987	12.7
A9P1-P2-26-1-G	28Aug001	484431.9	1352535	100cm	15.4	0.811	0.988	9.34
A9P1-P2-27-1-G	25Aug001	483364.5	1352753	100cm	16.9	1.096	0.958	23.4
A9P1-P2-28-1-G	25Aug001	483838.4	1352907	100cm	16.8	1.115	1.07	9.54
A9P1-P2-29-1-G	25Aug001	484654	1352979	100cm	12.6	1.128	0.885	4.94E-02
A9P1-P2-30-1-G	24Aug001	481803.2	1352476	100cm	13.3	1.32	0.969	15.8
A9P2-P2-1-1-G	22Aug001	481207.1	1351964	100cm	13.9	1.496	1.05	19.6
A9P2-P2-2-1-G	22Aug001	480961.8	1351957	100cm	12.4	1.456	0.959	19.8
A9P2-P2-3-1-G	22Aug001	481080.7	1352117	100cm	12.8	1.956	0.953	16.8

A9P1
Moisture Corrected Total Uranium
100 cm detector height

3452

HPGe Det#: 30687, 31265, 40743
Measurement dates between 08-22-00 and 08-28-00
Field of View to Scale

Values above circles are ppm Total Uranium



HPGe 100cm Total U (ppm)	
○	0.00 to 50.00
○	50.00 to 100.00
○	100.00 to 150.00
●	150.00 to 10000.00

RTIMP DWG Title: A9P1-P2-HPGE-100CM-TU-1PT-MC.srf
Project #:20702-PSP-0001
Project Name: A9P1 PreCert Real Time Scan
Prepared By: David Allen
File Name: A9P1_P2_HPGE_100CM_TU_1PT_MC.srf
Date Prepared: 11/21/00

HPGe Results
Detector Height of 31 cm.

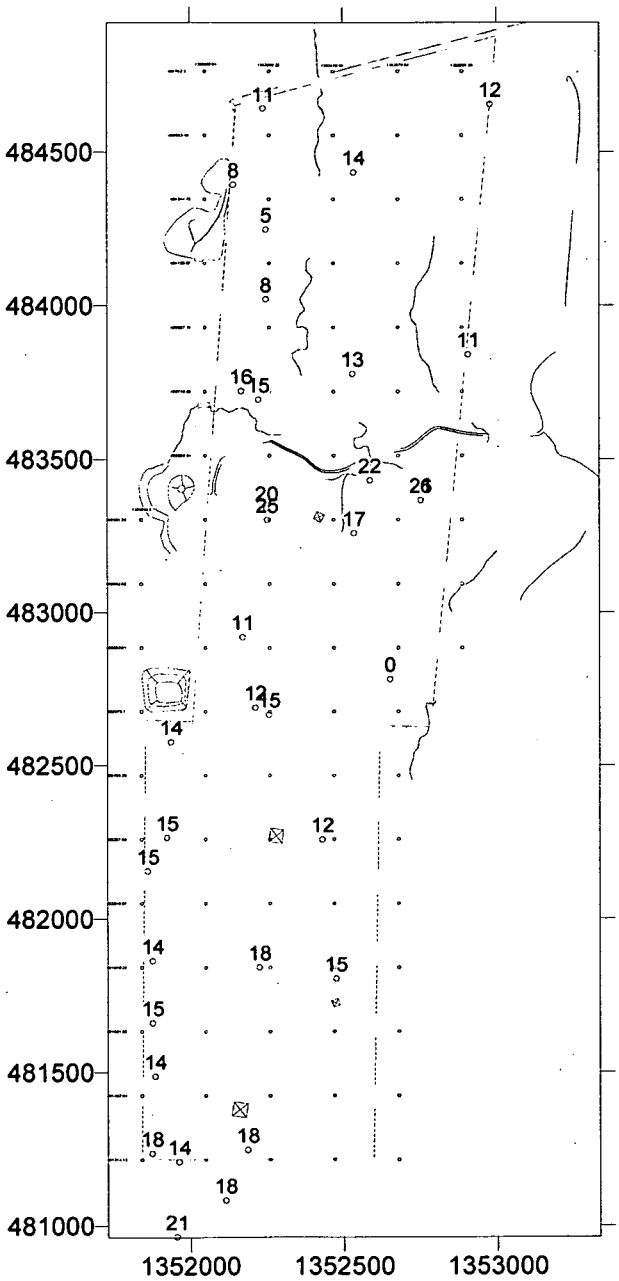
Location	Date	Northing	Easting	Det. Height	K-40	Ra-226	Th-232	ppm Tot. U
A9P1-P2-1-2-G	22Aug001	481234.3	1351877	31cm	13.3	1.416	1.03	17.9
A9P1-P2-2-2-G	22Aug001	481485.5	1351887	31cm	14.9	1.478	1.06	14
A9P1-P2-3-2-G	22Aug001	481660	1351879	31cm	15.9	1.422	1.03	14.7
A9P1-P2-4-2-G	24Aug001	481861.9	1351879	31cm	14.5	1.315	1.11	14
A9P1-P2-5-2-G	24Aug001	482153.8	1351863	31cm	18.4	1.232	0.99	15
A9P1-P2-6-2-G	24Aug001	482262.7	1351927	31cm	13.8	1.499	0.978	15.3
A9P1-P2-7-2-G	24Aug001	482575.4	1351940	31cm	14.3	1.231	0.948	14
A9P1-P2-8-2-G	24Aug001	482665	1352259	31cm	11.8	0.927	1.05	14.5
A9P1-P2-9-2-G	24Aug001	482687.7	1352214	31cm	12.2	1.327	1.01	11.9
A9P1-P2-10-2-G	24Aug001	482918.3	1352174	31cm	13.9	0.759	0.941	11.2
A9P1-P2-11-2-G	25Aug001	483301	1352254	31cm	14.2	1.794	0.92	25.3
A9P1-P2-12-2-G	25Aug001	483338.3	1352252	31cm	17.6	2.066	1.07	19.5
A9P1-P2-13-2-G	25Aug001	483692.8	1352226	31cm	20.4	1.331	1.03	14.7
A9P1-P2-14-2-G	25Aug001	483720.8	1352170	31cm	19.5	1.347	0.967	15.9
A9P1-P2-15-2-G	25Aug001	484018.5	1352250	31cm	16.5	1.136	0.991	7.92
A9P1-P2-16-2-G	28Aug001	484245.9	1352251	31cm	18.8	1.07	0.888	5.4
A9P1-P2-17-2-G	28Aug001	484391.4	1352146	31cm	14.8	1.124	0.888	8.04
A9P1-P2-18-2-G	25Aug001	484640.4	1352241	31cm	14.2	1.294	0.939	10.9
A9P1-P2-19-2-G	22Aug001	481245.7	1352188	31cm	12.9	1.262	1.01	18.4
A9P1-P2-20-2-G	24Aug001	481840.8	1352227	31cm	12.1	1.446	1	17.7
A9P1-P2-21-2-G	24Aug001	482256.8	1352432	31cm	16.6	1.413	1.05	11.6
A9P1-P2-22-2-G	24Aug001	482780.6	1352652	31cm	18.3	1.406	1.11	6.07E-02
A9P1-P2-23-2-G	25Aug001	483257	1352535	31cm	20.2	1.631	1.06	17
A9P1-P2-24-2-G	25Aug001	483429	1352587	31cm	22.8	1.435	1.14	21.6
A9P1-P2-25-2-G	28Aug001	483775.8	1352531	31cm	18.5	1.225	0.972	12.8
A9P1-P2-26-2-G	28Aug001	484431.9	1352535	31cm	16.1	1.263	1.13	13.6
A9P1-P2-27-2-G	25Aug001	483364.5	1352753	31cm	16.7	1.634	1.03	25.8
A9P1-P2-27-2-G-D	25Aug001	483364.5	1352753	31cm	17.1	1.651	1.02	21.2
A9P1-P2-28-2-G	25Aug001	483838.4	1352907	31cm	17.9	1.816	1.11	10.7
A9P1-P2-29-2-G	25Aug001	484654	1352979	31cm	13.8	1.834	1.02	11.9
A9P1-P2-30-2-G	24Aug001	481803.2	1352476	31cm	13.3	1.382	0.948	14.5
A9P2-P2-1-2-G	22Aug001	481207.1	1351964	31cm	14.2	1.364	1.05	14.1
A9P2-P2-2-2-G	22Aug001	480961.8	1351957	31cm	12.9	1.352	1.04	21.2
A9P2-P2-2-2-G-D	22Aug001	480961.8	1351957	31cm	13.2	1.369	1.03	20.8
A9P2-P2-3-2-G	22Aug001	481080.7	1352117	31cm	13.2	1.196	1.05	17.5

A9P1
Moisture Corrected Total Uranium
31 cm detector height

3452

HPGe Det#: 30687, 31265, 40743
Measurement dates between 08-22-00 and 08-28-00
Field of View to Scale

Values above circles are ppm Total Uranium



HPGe 31cm Total U (ppm)	
○	0.00 to 50.00
○	50.00 to 100.00
○	100.00 to 150.00
●	150.00 to 10000.00

RTIMP DWG Title: A9P1-P2-HPGE-31CM-TU-1PT-MC.srf
Project #:20702-PSP-0001
Project Name: A9P1 PreCert Real Time Scan
Prepared By: David Allen
File Name: A9P1_P2_HPGE_31CM_TU_1PT_MC.srf
Date Prepared: 11/21/00

APPENDIX C

PRECERTIFICATION AND PREDESIGN PHYSICAL SOIL SAMPLE DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9PI-P-1-1-M	01	1	0-6	Arsenic	10.1	J	mg/kg	483068.8	1352711
A9PI-P-1-2-RM	01	2	6-12	Arsenic	10.4	J	mg/kg	483068.8	1352711
A9PI-P-1-3-RM	01	3	12-18	Arsenic	12.1	J	mg/kg	483068.8	1352711
A9PI-P-1-4-RM	01	4	18-24	Arsenic	5.47	U	mg/kg	483068.8	1352711
A9PI-P-1-5-RM	01	5	24-30	Arsenic	8.3	U	mg/kg	483068.8	1352711
A9PI-P-1-6-RM	01	6	30-36	Arsenic	5.25	U	mg/kg	483068.8	1352711
A9PI-P-2-1-RM	02	1	0-6	Arsenic	6.16	U	mg/kg	482697.1	1352339
A9PI-P-2-2-RM	02	2	6-12	Arsenic	10.4	J	mg/kg	482697.1	1352339
A9PI-P-2-3-RM	02	3	12-18	Arsenic	16.2	J	mg/kg	482697.1	1352339
A9PI-P-2-4-RM	02	4	18-24	Arsenic	8.37	U	mg/kg	482697.1	1352339
A9PI-P-2-5-RM	02	5	24-30	Arsenic	10.2	J	mg/kg	482697.1	1352339
A9PI-P-2-6-RM	02	6	30-36	Arsenic	11.6	J	mg/kg	482697.1	1352339
A9PI-P-3-1-RM	03	1	0-6	Arsenic	10.1	J	mg/kg	482559	1351896
A9PI-P-3-2-RM	03	2	6-12	Arsenic	5.81	U	mg/kg	482559	1351896
A9PI-P-3-3-RM	03	3	12-18	Arsenic	8.03	U	mg/kg	482559	1351896
A9PI-P-3-4-RM	03	4	18-24	Arsenic	6.16	U	mg/kg	482559	1351896
A9PI-P-3-5-RM	03	5	24-30	Arsenic	12.8	J	mg/kg	482559	1351896
A9PI-P-3-6-RM	03	6	30-36	Arsenic	6.34	U	mg/kg	482559	1351896
A9PI-P-4-1-RM	04	1	0-6	Arsenic	5.67	U	mg/kg	482253	1351912
A9PI-P-4-2-RM	04	2	6-12	Arsenic	7.02	U	mg/kg	482253	1351912
A9PI-P-4-3-RM	04	3	12-18	Arsenic	13.1	J	mg/kg	482253	1351912
A9PI-P-4-4-RM	04	4	18-24	Arsenic	12.7	J	mg/kg	482253	1351912
A9PI-P-4-5-RM	04	5	24-30	Arsenic	9	J	mg/kg	482253	1351912
A9PI-P-4-6-RM	04	6	30-36	Arsenic	8.45	J	mg/kg	482253	1351912
A9PI-P-5-1-RM	05	1	0-6	Arsenic	11.7	J	mg/kg	481900.8	1352121
A9PI-P-5-2-RM	05	2	6-12	Arsenic	14.4	J	mg/kg	481900.8	1352121
A9PI-P-5-3-RM	05	3	12-18	Arsenic	7.08	J	mg/kg	481900.8	1352121
A9PI-P-5-4-RM	05	4	18-24	Arsenic	9.02	J	mg/kg	481900.8	1352121
A9PI-P-5-5-RM	05	5	24-30	Arsenic	7	J	mg/kg	481900.8	1352121
A9PI-P-5-6-RM	05	6	30-36	Arsenic	6.43	J	mg/kg	481900.8	1352121
A9PI-P-6-1-RM	06	1	0-6	Arsenic	6.76	J	mg/kg	481482.8	1352458
A9PI-P-6-2-RM	06	2	6-12	Arsenic	8.89	J	mg/kg	481482.8	1352458
A9PI-P-6-3-RM	06	3	12-18	Arsenic	11.7	J	mg/kg	481482.8	1352458
A9PI-P-6-4-RM	06	4	18-24	Arsenic	14.5	J	mg/kg	481482.8	1352458
A9PI-P-6-5-RM	06	5	24-30	Arsenic	9.62	J	mg/kg	481482.8	1352458
A9PI-P-6-6-RM	06	6	30-36	Arsenic	6.9	J	mg/kg	481482.8	1352458
A9PI-P-7-1-RM	07	1	0-6	Arsenic	5.75	J	mg/kg	481368	1351975
A9PI-P-7-2-RM	07	2	6-12	Arsenic	9.98	J	mg/kg	481368	1351975
A9PI-P-7-3-RM	07	3	12-18	Arsenic	6.31	J	mg/kg	481368	1351975
A9PI-P-7-4-RM	07	4	18-24	Arsenic	7.21	J	mg/kg	481368	1351975
A9PI-P-7-5-RM	07	5	24-30	Arsenic	4.3	-	mg/kg	481368	1351975
A9PI-P-7-6-RM	07	6	30-36	Arsenic	3.63	-	mg/kg	481368	1351975
A9PI-P-8-1-RM	08	1	0-6	Arsenic	6.87	-	mg/kg	482944.9	1352082
A9PI-P-8-2-RM	08	2	6-12	Arsenic	6.02	-	mg/kg	482944.9	1352082
A9PI-P-8-3-RM	08	3	12-18	Arsenic	13.8	-	mg/kg	482944.9	1352082
A9PI-P-8-4-RM	08	4	18-24	Arsenic	8.68	-	mg/kg	482944.9	1352082
A9PI-P-8-5-RM	08	5	24-30	Arsenic	10.1	-	mg/kg	482944.9	1352082
A9PI-P-8-6-RM	08	6	30-36	Arsenic	6.4	-	mg/kg	482944.9	1352082
A9PI-P-9-1-RM	09	1	0-6	Arsenic	6.98	-	mg/kg	482669.1	1352062
A9PI-P-9-2-RM	09	2	6-12	Arsenic	8.78	-	mg/kg	482669.1	1352062
A9PI-P-9-3-RM	09	3	12-18	Arsenic	5.23	-	mg/kg	482669.1	1352062
A9PI-P-9-4-RM	09	4	18-24	Arsenic	9.19	-	mg/kg	482669.1	1352062
A9PI-P-9-5-RM	09	5	24-30	Arsenic	11.4	-	mg/kg	482669.1	1352062
A9PI-P-9-6-RM	09	6	30-36	Arsenic	9.17	-	mg/kg	482669.1	1352062
A9P1-10-1-RM	10	1	0-6	Arsenic	8.27	J	mg/kg	482545.5	1352061
A9P1-10-2-RM	10	2	6-12	Arsenic	10.3	-	mg/kg	482545.5	1352061
A9P1-10-3-RM	10	3	12-18	Arsenic	11.1	-	mg/kg	482545.5	1352061
A9P1-10-4-RM	10	4	18-24	Arsenic	11.5	J	mg/kg	482545.5	1352061
A9P1-10-5-RM	10	5	24-30	Arsenic	9.51	-	mg/kg	482545.5	1352061
A9P1-10-6-RM	10	6	30-36	Arsenic	10.9	J	mg/kg	482545.5	1352061
A9P1-11-1-RM	11	1	0-6	Arsenic	5.64	J	mg/kg	481617.4	1351868
A9P1-11-2-RM	11	2	6-12	Arsenic	5.99	J	mg/kg	481617.4	1351868
A9P1-11-3-RM	11	3	12-18	Arsenic	4.87	J	mg/kg	481617.4	1351868
A9P1-11-4-RM	11	4	18-24	Arsenic	7.27	J	mg/kg	481617.4	1351868

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-11-5-RM	11	5	24-30	Arsenic	9.21	J	mg/kg	481617.4	1351868
A9P1-11-6-RM	11	6	30-36	Arsenic	7.04	J	mg/kg	481617.4	1351868
A9P1-12-1-M-S	12	1	0-6	Arsenic	5.6	-	mg/kg	481947.8	1352032
A9P1-12-1-RM	12	1	0-6	Arsenic	6.39	J	mg/kg	481947.8	1352032
A9P1-12-1-RM-D	12	1	0-6	Arsenic	9.14	J	mg/kg	481947.8	1352032
A9P1-12-2-M-S	12	2	6-12	Arsenic	5.4	-	mg/kg	481947.8	1352032
A9P1-12-2-RM	12	2	6-12	Arsenic	8.78	J	mg/kg	481947.8	1352032
A9P1-12-2-RM-D	12	2	6-12	Arsenic	15.2	J	mg/kg	481947.8	1352032
A9P1-12-3-M-S	12	3	12-18	Arsenic	4.6	-	mg/kg	481947.8	1352032
A9P1-12-3-RM-D	12	3	12-18	Arsenic	14.5	J	mg/kg	481947.8	1352032
A9P1-12-3-RM	12	3	12-18	Arsenic	10.4	J	mg/kg	481947.8	1352032
A9P1-12-4-M-S	12	4	18-24	Arsenic	5	-	mg/kg	481947.8	1352032
A9P1-12-4-RM	12	4	18-24	Arsenic	6.4	J	mg/kg	481947.8	1352032
A9P1-12-4-RM-D	12	4	18-24	Arsenic	8.86	J	mg/kg	481947.8	1352032
A9P1-12-5-M-S	12	5	24-30	Arsenic	4.4	-	mg/kg	481947.8	1352032
A9P1-12-5-RM-D	12	5	24-30	Arsenic	9.32	J	mg/kg	481947.8	1352032
A9P1-12-5-RM	12	5	24-30	Arsenic	6.37	J	mg/kg	481947.8	1352032
A9P1-12-6-M-S	12	6	30-36	Arsenic	3.8	-	mg/kg	481947.8	1352032
A9P1-12-6-RM-D	12	6	30-36	Arsenic	8.34	J	mg/kg	481947.8	1352032
A9P1-12-6-RM	12	6	30-36	Arsenic	5.64	J	mg/kg	481947.8	1352032
A9P1-13-1-RM	13	1	0-6	Arsenic	4.93	J	mg/kg	481928.1	1351874
A9P1-13-2-RM	13	2	6-12	Arsenic	5.6	J	mg/kg	481928.1	1351874
A9P1-13-3-RM	13	3	12-18	Arsenic	4.78	J	mg/kg	481928.1	1351874
A9P1-13-4-RM	13	4	18-24	Arsenic	8.1	J	mg/kg	481928.1	1351874
A9P1-13-5-RM	13	5	24-30	Arsenic	10.5	J	mg/kg	481928.1	1351874
A9P1-13-6-RM	13	6	30-36	Arsenic	5.54	J	mg/kg	481928.1	1351874
A9P1-14-1-RM	14	1	0-6	Arsenic	5.18	J	mg/kg	482260.1	1352135
A9P1-14-2-RM	14	2	6-12	Arsenic	4.91	J	mg/kg	482260.1	1352135
A9P1-14-3-RM	14	3	12-18	Arsenic	7.49	J	mg/kg	482260.1	1352135
A9P1-14-4-RM	14	4	18-24	Arsenic	9.03	J	mg/kg	482260.1	1352135
A9P1-14-5-RM	14	5	24-30	Arsenic	7.72	J	mg/kg	482260.1	1352135
A9P1-14-6-RM	14	6	30-36	Arsenic	3.92	J	mg/kg	482260.1	1352135
A9P1-15-1-RM	15	1	0-6	Arsenic	5.93	J	mg/kg	482457	1352195
A9P1-15-2-RM	15	2	6-12	Arsenic	5.97	J	mg/kg	482457	1352195
A9P1-15-3-RM	15	3	12-18	Arsenic	5.41	J	mg/kg	482457	1352195
A9P1-15-4-RM	15	4	18-24	Arsenic	12.8	J	mg/kg	482457	1352195
A9P1-15-5-RM	15	5	24-30	Arsenic	11	J	mg/kg	482457	1352195
A9P1-15-6-RM	15	6	30-36	Arsenic	7.58	-	mg/kg	482457	1352195
A9P1-16-1-RM	16	1	0-6	Arsenic	5.58	J	mg/kg	482659	1352226
A9P1-16-2-RM	16	2	6-12	Arsenic	8.53	J	mg/kg	482659	1352226
A9P1-16-3-RM	16	3	12-18	Arsenic	6.66	J	mg/kg	482659	1352226
A9P1-16-4-RM	16	4	18-24	Arsenic	5.35	J	mg/kg	482659	1352226
A9P1-16-5-RM	16	5	24-30	Arsenic	8.15	J	mg/kg	482659	1352226
A9P1-16-6-RM	16	6	30-36	Arsenic	5.77	J	mg/kg	482659	1352226
A9P1-17-1-RM	17	1	0-6	Arsenic	4.98	J	mg/kg	482858.6	1352235
A9P1-17-2-RM	17	2	6-12	Arsenic	4.38	J	mg/kg	482858.6	1352235
A9P1-17-3-RM	17	3	12-18	Arsenic	5.4	J	mg/kg	482858.6	1352235
A9P1-17-4-RM	17	4	18-24	Arsenic	8.4	J	mg/kg	482858.6	1352235
A9P1-17-5-RM	17	5	24-30	Arsenic	5.36	J	mg/kg	482858.6	1352235
A9P1-17-6-RM	17	6	30-36	Arsenic	5.37	J	mg/kg	482858.6	1352235
A9P1-18-1-RM	18	1	0-6	Arsenic	4.71	J	mg/kg	483050.6	1352194
A9P1-18-2-RM	18	2	6-12	Arsenic	5.02	J	mg/kg	483050.6	1352194
A9P1-18-3-RM	18	3	12-18	Arsenic	8.33	J	mg/kg	483050.6	1352194
A9P1-18-4-RM	18	4	18-24	Arsenic	4.67	J	mg/kg	483050.6	1352194
A9P1-18-5-RM	18	5	24-30	Arsenic	4.15	J	mg/kg	483050.6	1352194
A9P1-18-6-RM	18	6	30-36	Arsenic	2.84	J	mg/kg	483050.6	1352194
A9P1-19-1-RM	19	1	0-6	Arsenic	5.33	J	mg/kg	483202.3	1352071
A9P1-19-2-RM	19	2	6-12	Arsenic	6.09	J	mg/kg	483202.3	1352071
A9P1-19-3-RM	19	3	12-18	Arsenic	10.9	J	mg/kg	483202.3	1352071
A9P1-19-4-RM	19	4	18-24	Arsenic	10.9	J	mg/kg	483202.3	1352071
A9P1-19-5-RM	19	5	24-30	Arsenic	5.98	J	mg/kg	483202.3	1352071
A9P1-19-6-RM	19	6	30-36	Arsenic	5.97	J	mg/kg	483202.3	1352071
A9P1-20-1-RM	20	1	0-6	Arsenic	6.94	J	mg/kg	483319.2	1352135
A9P1-20-2-RM	20	2	6-12	Arsenic	6.73	J	mg/kg	483319.2	1352135

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-20-3-RM	20	3	12-18	Arsenic	8.85	J	mg/kg	483319.2	1352135
A9P1-20-4-RM	20	4	18-24	Arsenic	6.89	J	mg/kg	483319.2	1352135
A9P1-20-5-RM	20	5	24-30	Arsenic	7.07	J	mg/kg	483319.2	1352135
A9P1-20-6-RM	20	6	30-36	Arsenic	6.38	J	mg/kg	483319.2	1352135
A9P1-21-1-RM	21	1	0-6	Arsenic	9.27	J	mg/kg	483309.2	1352267
A9P1-21-2-RM	21	2	6-12	Arsenic	7.24	J	mg/kg	483309.2	1352267
A9P1-21-3-RM	21	3	12-18	Arsenic	6.83	J	mg/kg	483309.2	1352267
A9P1-21-4-RM	21	4	18-24	Arsenic	7.77	J	mg/kg	483309.2	1352267
A9P1-21-5-RM	21	5	24-30	Arsenic	5.63	J	mg/kg	483309.2	1352267
A9P1-21-6-RM	21	6	30-36	Arsenic	4.72	J	mg/kg	483309.2	1352267
A9P1-22-1-RM	22	1	0-6	Arsenic	3.46	J	mg/kg	483177.2	1352765
A9P1-22-2-RM	22	2	6-12	Arsenic	4.86	J	mg/kg	483177.2	1352765
A9P1-22-3-RM	22	3	12-18	Arsenic	8.24	J	mg/kg	483177.2	1352765
A9P1-22-4-RM	22	4	18-24	Arsenic	9.72	J	mg/kg	483177.2	1352765
A9P1-22-5-RM	22	5	24-30	Arsenic	8.29	J	mg/kg	483177.2	1352765
A9P1-22-6-RM	22	6	30-36	Arsenic	6.72	J	mg/kg	483177.2	1352765
A9P1-23-1-RM	23	1	0-6	Arsenic	3.6	J	mg/kg	482889.5	1352655
A9P1-23-2-RM	23	2	6-12	Arsenic	5.63	J	mg/kg	482889.5	1352655
A9P1-23-3-RM	23	3	12-18	Arsenic	10	J	mg/kg	482889.5	1352655
A9P1-23-4-RM	23	4	18-24	Arsenic	6.68	J	mg/kg	482889.5	1352655
A9P1-23-5-RM	23	5	24-30	Arsenic	7.36	J	mg/kg	482889.5	1352655
A9P1-23-6-RM	23	6	30-36	Arsenic	7.61	J	mg/kg	482889.5	1352655
A9P1-24-1-RM	24	1	0-6	Arsenic	12.2	-	mg/kg	482400.6	1352584
A9P1-24-2-RM	24	2	6-12	Arsenic	9.69	J	mg/kg	482400.6	1352584
A9P1-24-3-RM	24	3	12-18	Arsenic	13.9	-	mg/kg	482400.6	1352584
A9P1-24-4-RM	24	4	18-24	Arsenic	11.5	J	mg/kg	482400.6	1352584
A9P1-24-5-RM	24	5	24-30	Arsenic	11.1	-	mg/kg	482400.6	1352584
A9P1-24-6-RM	24	6	30-36	Arsenic	1.71	-	mg/kg	482400.6	1352584
A9P1-25-1-RM	25	1	0-6	Arsenic	6.98	J	mg/kg	482006.7	1352544
A9P1-25-2-RM	25	2	6-12	Arsenic	8.52	J	mg/kg	482006.7	1352544
A9P1-25-3-RM	25	3	12-18	Arsenic	14.3	J	mg/kg	482006.7	1352544
A9P1-25-4-RM	25	4	18-24	Arsenic	14.7	J	mg/kg	482006.7	1352544
A9P1-25-5-RM	25	5	24-30	Arsenic	11.7	J	mg/kg	482006.7	1352544
A9P1-25-6-RM	25	6	30-36	Arsenic	11.2	J	mg/kg	482006.7	1352544
A9P1-26-1-RM	26	1	0-6	Arsenic	8.52	J	mg/kg	481748.5	1352486
A9P1-26-2-RM	26	2	6-12	Arsenic	7.97	J	mg/kg	481748.5	1352486
A9P1-26-3-RM	26	3	12-18	Arsenic	11.1	J	mg/kg	481748.5	1352486
A9P1-26-4-RM	26	4	18-24	Arsenic	9.59	J	mg/kg	481748.5	1352486
A9P1-26-5-RM	26	5	24-30	Arsenic	14.9	J	mg/kg	481748.5	1352486
A9P1-26-6-RM	26	6	30-36	Arsenic	11.1	J	mg/kg	481748.5	1352486
A9P1-27-1-RM	27	1	0-6	Arsenic	4.33	-	mg/kg	481391.1	1352541
A9P1-27-2-RM	27	2	6-12	Arsenic	3.81	-	mg/kg	481391.1	1352541
A9P1-27-3-RM	27	3	12-18	Arsenic	5.77	-	mg/kg	481391.1	1352541
A9P1-27-4-RM	27	4	18-24	Arsenic	7.01	-	mg/kg	481391.1	1352541
A9P1-27-5-RM	27	5	24-30	Arsenic	4.99	-	mg/kg	481391.1	1352541
A9P1-27-6-RM	27	6	30-36	Arsenic	5.33	-	mg/kg	481391.1	1352541
A9P1-28-1-RM	28	1	0-6	Arsenic	7.66	-	mg/kg	481040.8	1351882
A9P1-28-2-RM	28	2	6-12	Arsenic	9.81	J	mg/kg	481040.8	1351882
A9P1-28-3-RM	28	3	12-18	Arsenic	8.37	J	mg/kg	481040.8	1351882
A9P1-28-4-RM	28	4	18-24	Arsenic	9.96	J	mg/kg	481040.8	1351882
A9P1-28-5-RM	28	5	24-30	Arsenic	8.06	J	mg/kg	481040.8	1351882
A9P1-28-6-RM	28	6	30-36	Arsenic	10.5	J	mg/kg	481040.8	1351882
A9P1-29-1-RM	29	1	0-6	Arsenic	6.76	J	mg/kg	481378.8	1352165
A9P1-29-2-RM	29	2	6-12	Arsenic	8.03	J	mg/kg	481378.8	1352165
A9P1-29-3-RM	29	3	12-18	Arsenic	10	J	mg/kg	481378.8	1352165
A9P1-29-4-RM	29	4	18-24	Arsenic	7.69	J	mg/kg	481378.8	1352165
A9P1-29-5-RM	29	5	24-30	Arsenic	5.12	-	mg/kg	481378.8	1352165
A9P1-29-6-RM	29	6	30-36	Arsenic	4.96	-	mg/kg	481378.8	1352165
A9P1-30-1-RM	30	1	0-6	Arsenic	6.61	-	mg/kg	482269.7	1352285
A9P1-30-2-RM	30	2	6-12	Arsenic	10.6	J	mg/kg	482269.7	1352285
A9P1-30-3-RM	30	3	12-18	Arsenic	11	J	mg/kg	482269.7	1352285
A9P1-30-4-RM	30	4	18-24	Arsenic	11.8	J	mg/kg	482269.7	1352285
A9P1-30-5-RM	30	5	24-30	Arsenic	6.77	J	mg/kg	482269.7	1352285
A9P1-30-6-RM	30	6	30-36	Arsenic	7.71	J	mg/kg	482269.7	1352285

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-31-1-RM	31	1	0-6	Arsenic	9.63	J	mg/kg	481711.3	1352217
A9P1-31-2-RM	31	2	6-12	Arsenic	8.31	J	mg/kg	481711.3	1352217
A9P1-31-3-RM	31	3	12-18	Arsenic	13.4	J	mg/kg	481711.3	1352217
A9P1-31-4-RM	31	4	18-24	Arsenic	14.4	J	mg/kg	481711.3	1352217
A9P1-31-5-RM	31	5	24-30	Arsenic	14.3	J	mg/kg	481711.3	1352217
A9P1-31-6-RM	31	6	30-36	Arsenic	11.1	J	mg/kg	481711.3	1352217
A9P1-32-1-RM	32	1	0-6	Arsenic	7.59	-	mg/kg	482011.3	1352288
A9P1-32-2-RM	32	2	6-12	Arsenic	9.09	-	mg/kg	482011.3	1352288
A9P1-32-3-RM	32	3	12-18	Arsenic	11.5	-	mg/kg	482011.3	1352288
A9P1-32-4-RM	32	4	18-24	Arsenic	12.1	-	mg/kg	482011.3	1352288
A9P1-32-5-RM	32	5	24-30	Arsenic	12	J	mg/kg	482011.3	1352288
A9P1-32-6-RM	32	6	30-36	Arsenic	14.9	-	mg/kg	482011.3	1352288
A9P1-33-1-RM	33	1	0-6	Arsenic	11.7	-	mg/kg	482337.3	1352410
A9P1-33-2-RM	33	2	6-12	Arsenic	11.9	-	mg/kg	482337.3	1352410
A9P1-33-3-RM	33	3	12-18	Arsenic	10	-	mg/kg	482337.3	1352410
A9P1-33-4-RM	33	4	18-24	Arsenic	12	-	mg/kg	482337.3	1352410
A9P1-33-5-RM	33	5	24-30	Arsenic	11.9	J	mg/kg	482337.3	1352410
A9P1-33-6-RM	33	6	30-36	Arsenic	14.6	J	mg/kg	482337.3	1352410
A9P1-34-1-RM	34	1	0-6	Arsenic	5.34	J	mg/kg	482915.1	1352391
A9P1-34-2-RM	34	2	6-12	Arsenic	5.93	J	mg/kg	482915.1	1352391
A9P1-34-3-RM	34	3	12-18	Arsenic	11.6	J	mg/kg	482915.1	1352391
A9P1-34-4-RM	34	4	18-24	Arsenic	9.45	J	mg/kg	482915.1	1352391
A9P1-34-5-RM	34	5	24-30	Arsenic	9.87	J	mg/kg	482915.1	1352391
A9P1-34-6-RM	34	6	30-36	Arsenic	5.91	J	mg/kg	482915.1	1352391
A9P1-35-1-RM	35	1	0-6	Arsenic	8.8	-	mg/kg	483153.8	1352337
A9P1-35-2-RM	35	2	6-12	Arsenic	11.4	-	mg/kg	483153.8	1352337
A9P1-35-3-RM	35	3	12-18	Arsenic	12.6	-	mg/kg	483153.8	1352337
A9P1-35-4-RM	35	4	18-24	Arsenic	11.5	-	mg/kg	483153.8	1352337
A9P1-35-5-RM	35	5	24-30	Arsenic	10.7	-	mg/kg	483153.8	1352337
A9P1-35-6-RM	35	6	30-36	Arsenic	13.4	-	mg/kg	483153.8	1352337
A9P1-36-1-RM	36	1	0-6	Arsenic	6.59	J	mg/kg	482127.6	1351933
A9P1-36-2-RM	36	2	6-12	Arsenic	5.02	J	mg/kg	482127.6	1351933
A9P1-36-3-RM	36	3	12-18	Arsenic	12.2	J	mg/kg	482127.6	1351933
A9P1-36-4-RM	36	4	18-24	Arsenic	16.1	J	mg/kg	482127.6	1351933
A9P1-36-5-RM	36	5	24-30	Arsenic	14.6	J	mg/kg	482127.6	1351933
A9P1-36-6-RM	36	6	30-36	Arsenic	13.2	J	mg/kg	482127.6	1351933
A9P1-37-1-RM	37	1	0-6	Arsenic	10.4	J	mg/kg	482421.4	1351936
A9P1-37-2-RM	37	2	6-12	Arsenic	8.54	J	mg/kg	482421.4	1351936
A9P1-37-3-RM	37	3	12-18	Arsenic	16	J	mg/kg	482421.4	1351936
A9P1-37-4-RM	37	4	18-24	Arsenic	10.4	J	mg/kg	482421.4	1351936
A9P1-37-5-RM	37	5	24-30	Arsenic	15.6	J	mg/kg	482421.4	1351936
A9P1-37-6-RM	37	6	30-36	Arsenic	11.6	J	mg/kg	482421.4	1351936
A9P1-38-1-RM	38	1	0-6	Arsenic	7.16	-	mg/kg	482811.8	1352088
A9P1-38-2-RM	38	2	6-12	Arsenic	7.97	-	mg/kg	482811.8	1352088
A9P1-38-3-RM	38	3	12-18	Arsenic	7.21	J	mg/kg	482811.8	1352088
A9P1-38-4-RM	38	4	18-24	Arsenic	7.93	J	mg/kg	482811.8	1352088
A9P1-38-5-RM	38	5	24-30	Arsenic	7.41	J	mg/kg	482811.8	1352088
A9P1-38-6-RM	38	6	30-36	Arsenic	6.69	J	mg/kg	482811.8	1352088
A9P1-39-1-RM	39	1	0-6	Arsenic	7.92	J	mg/kg	483063.7	1352114
A9P1-39-2-RM	39	2	6-12	Arsenic	12	J	mg/kg	483063.7	1352114
A9P1-39-3-RM	39	3	12-18	Arsenic	13.6	J	mg/kg	483063.7	1352114
A9P1-39-4-RM	39	4	18-24	Arsenic	10.5	-	mg/kg	483063.7	1352114
A9P1-39-5-RM	39	5	24-30	Arsenic	9.59	-	mg/kg	483063.7	1352114
A9P1-39-6-RM	39	6	30-36	Arsenic	9.63	-	mg/kg	483063.7	1352114
A9P1-40-1-RM	40	1	0-6	Arsenic	9.83	-	mg/kg	483176	1352541
A9P1-40-2-RM	40	2	6-12	Arsenic	9.89	J	mg/kg	483176	1352541
A9P1-40-3-RM	40	3	12-18	Arsenic	11.3	J	mg/kg	483176	1352541
A9P1-40-4-RM	40	4	18-24	Arsenic	5.91	J	mg/kg	483176	1352541
A9P1-40-5-RM	40	5	24-30	Arsenic	8.18	J	mg/kg	483176	1352541
A9P1-40-6-RM	40	6	30-36	Arsenic	7.25	J	mg/kg	483176	1352541
A9P1-41-1-RM	41	1	0-6	Arsenic	13.5	J	mg/kg	482567.1	1352330
A9P1-41-2-RM	41	2	6-12	Arsenic	14.5	J	mg/kg	482567.1	1352330
A9P1-41-3-RM	41	3	12-18	Arsenic	6.45	J	mg/kg	482567.1	1352330
A9P1-41-4-RM	41	4	18-24	Arsenic	8.39	J	mg/kg	482567.1	1352330

3452

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-41-5-RM	41	5	24-30	Arsenic	7.7	J	mg/kg	482567.1	1352330
A9P1-41-6-RM	41	6	30-36	Arsenic	8.91	J	mg/kg	482567.1	1352330
A9P1-42-1-RM	42	1	0-6	Arsenic	3.67	-	mg/kg	482385.6	1352056
A9P1-42-2-RM	42	2	6-12	Arsenic	11.2	J	mg/kg	482385.6	1352056
A9P1-42-3-RM	42	3	12-18	Arsenic	6.64	J	mg/kg	482385.6	1352056
A9P1-42-4-RM	42	4	18-24	Arsenic	8.5	J	mg/kg	482385.6	1352056
A9P1-42-5-RM	42	5	24-30	Arsenic	4.09	J	mg/kg	482385.6	1352056
A9P1-42-6-RM	42	6	30-36	Arsenic	7.92	J	mg/kg	482385.6	1352056
A9P1-43-1-RM	43	1	0-6	Arsenic	5.23	J	mg/kg	481623.1	1352042
A9P1-43-2-RM	43	2	6-12	Arsenic	7.42	J	mg/kg	481623.1	1352042
A9P1-43-3-RM	43	3	12-18	Arsenic	11.1	J	mg/kg	481623.1	1352042
A9P1-43-4-RM	43	4	18-24	Arsenic	7.33	J	mg/kg	481623.1	1352042
A9P1-43-5-RM	43	5	24-30	Arsenic	7.17	-	mg/kg	481623.1	1352042
A9P1-43-6-RM	43	6	30-36	Arsenic	5.57	-	mg/kg	481623.1	1352042
A9P1-44-1-RM	44	1	0-6	Arsenic	9.43	-	mg/kg	481041.4	1352031
A9P1-44-2-RM	44	2	6-12	Arsenic	15.7	-	mg/kg	481041.4	1352031
A9P1-44-3-RM	44	3	12-18	Arsenic	15.7	-	mg/kg	481041.4	1352031
A9P1-44-4-RM	44	4	18-24	Arsenic	11.6	J	mg/kg	481041.4	1352031
A9P1-44-5-RM	44	5	24-30	Arsenic	5.34	J	mg/kg	481041.4	1352031
A9P1-44-6-RM	44	6	30-36	Arsenic	6.94	-	mg/kg	481041.4	1352031
A9P1-45-1-RM	45	1	0-6	Arsenic	7.77	J	mg/kg	480891.6	1351881
A9P1-45-2-RM	45	2	6-12	Arsenic	8.5	-	mg/kg	480891.6	1351881
A9P1-45-3-RM	45	3	12-18	Arsenic	12	J	mg/kg	480891.6	1351881
A9P1-45-4-RM	45	4	18-24	Arsenic	9.72	J	mg/kg	480891.6	1351881
A9P1-45-5-RM	45	5	24-30	Arsenic	9.63	J	mg/kg	480891.6	1351881
A9P1-45-6-RM	45	6	30-36	Arsenic	11.6	J	mg/kg	480891.6	1351881
A9P1-46-1-RM	46	1	0-6	Arsenic	7.01	J	mg/kg	482659.7	1352641
A9P1-46-2-RM	46	2	6-12	Arsenic	10.4	-	mg/kg	482659.7	1352641
A9P1-46-3-RM	46	3	12-18	Arsenic	9.71	-	mg/kg	482659.7	1352641
A9P1-46-4-RM	46	4	18-24	Arsenic	8.01	-	mg/kg	482659.7	1352641
A9P1-46-5-RM	46	5	24-30	Arsenic	4.88	-	mg/kg	482659.7	1352641
A9P1-46-6-RM	46	6	30-36	Arsenic	4.95	-	mg/kg	482659.7	1352641
A9P1-47-1-RM	47	1	0-6	Arsenic	8.04	-	mg/kg	481749	1352585
A9P1-47-2-RM	47	2	6-12	Arsenic	6.89	J	mg/kg	481749	1352585
A9P1-47-3-RM	47	3	12-18	Arsenic	6.04	J	mg/kg	481749	1352585
A9P1-47-4-RM	47	4	18-24	Arsenic	6.1	J	mg/kg	481749	1352585
A9P1-47-5-RM	47	5	24-30	Arsenic	5.77	J	mg/kg	481749	1352585
A9P1-47-6-RM	47	6	30-36	Arsenic	5.24	J	mg/kg	481749	1352585
A9P1-48-1-RM	48	1	0-6	Arsenic	8.36	-	mg/kg	482656	1352226
A9P1-48-2-RM	48	2	6-12	Arsenic	12.3	-	mg/kg	482656	1352226
A9P1-48-3-RM	48	3	12-18	Arsenic	11.9	J	mg/kg	482656	1352226
A9P1-48-4-RM	48	4	18-24	Arsenic	9.76	J	mg/kg	482656	1352226
A9P1-48-5-RM	48	5	24-30	Arsenic	11.2	J	mg/kg	482656	1352226
A9P1-48-6-RM	48	6	30-36	Arsenic	7.33	J	mg/kg	482656	1352226
A9P1-49-1-RM	49	1	0-6	Arsenic	8.58	J	mg/kg	482662.1	1352226
A9P1-49-2-RM	49	2	6-12	Arsenic	9.97	J	mg/kg	482662.1	1352226
A9P1-49-3-RM	49	3	12-18	Arsenic	10.4	J	mg/kg	482662.1	1352226
A9P1-49-4-RM	49	4	18-24	Arsenic	8.62	J	mg/kg	482662.1	1352226
A9P1-49-5-RM	49	5	24-30	Arsenic	7.28	J	mg/kg	482662.1	1352226
A9P1-49-6-RM	49	6	30-36	Arsenic	4.23	J	mg/kg	482662.1	1352226
A9P1-50-1-RM	50	1	0-6	Arsenic	8	J	mg/kg	482659.1	1352223
A9P1-50-2-RM	50	2	6-12	Arsenic	9.77	J	mg/kg	482659.1	1352223
A9P1-50-3-RM	50	3	12-18	Arsenic	9.86	J	mg/kg	482659.1	1352223
A9P1-50-4-RM	50	4	18-24	Arsenic	8	J	mg/kg	482659.1	1352223
A9P1-50-5-RM	50	5	24-30	Arsenic	8.1	J	mg/kg	482659.1	1352223
A9P1-50-6-RM	50	6	30-36	Arsenic	3.62	J	mg/kg	482659.1	1352223
A9P1-51-1-RM	51	1	0-6	Arsenic	7.89	J	mg/kg	482659	1352229
A9P1-51-2-RM	51	2	6-12	Arsenic	9.25	J	mg/kg	482659	1352229
A9P1-51-3-RM	51	3	12-18	Arsenic	13.4	J	mg/kg	482659	1352229
A9P1-51-4-RM	51	4	18-24	Arsenic	12.3	J	mg/kg	482659	1352229
A9P1-51-5-RM	51	5	24-30	Arsenic	10.7	J	mg/kg	482659	1352229
A9P1-51-6-RM	51	6	30-36	Arsenic	5.68	-	mg/kg	482659	1352229
A9P1-53-1-RM	53	1	0-6	Arsenic	7.07	J	mg/kg	482948	1352082
A9P1-53-2-RM	53	2	6-12	Arsenic	6.4	J	mg/kg	482948	1352082

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-53-3-RM	53	3	12-18	Arsenic	11.6	J	mg/kg	482948	1352082
A9P1-53-4-RM	53	4	18-24	Arsenic	10	J	mg/kg	482948	1352082
A9P1-53-5-RM	53	5	24-30	Arsenic	7.55	J	mg/kg	482948	1352082
A9P1-53-6-RM	53	6	30-36	Arsenic	4.37	J	mg/kg	482948	1352082
A9P1-54-1-RM	54	1	0-6	Arsenic	4.86	J	mg/kg	482945	1352085
A9P1-54-2-RM	54	2	6-12	Arsenic	5.26	J	mg/kg	482945	1352085
A9P1-54-3-RM	54	3	12-18	Arsenic	12.4	J	mg/kg	482945	1352085
A9P1-54-4-RM	54	4	18-24	Arsenic	9.93	J	mg/kg	482945	1352085
A9P1-54-5-RM	54	5	24-30	Arsenic	11.3	-	mg/kg	482945	1352085
A9P1-54-6-RM	54	6	30-36	Arsenic	9.47	-	mg/kg	482945	1352085
A9P1-55-1-RM	55	1	0-6	Arsenic	7.21	-	mg/kg	482941.9	1352082
A9P1-55-2-RM	55	2	6-12	Arsenic	8.38	-	mg/kg	482941.9	1352082
A9P1-55-3-RM	55	3	12-18	Arsenic	14.9	J	mg/kg	482941.9	1352082
A9P1-55-4-RM	55	4	18-24	Arsenic	12.6	-	mg/kg	482941.9	1352082
A9P1-55-5-RM	55	5	24-30	Arsenic	8.64	-	mg/kg	482941.9	1352082
A9P1-55-6-RM	55	6	30-36	Arsenic	7.17	-	mg/kg	482941.9	1352082
A9P1-56-1-RM	56	1	0-6	Arsenic	9.92	J	mg/kg	482548.4	1352061
A9P1-56-2-RM	56	2	6-12	Arsenic	9.14	J	mg/kg	482548.4	1352061
A9P1-56-3-RM	56	3	12-18	Arsenic	8.47	J	mg/kg	482548.4	1352061
A9P1-56-4-RM	56	4	18-24	Arsenic	8.18	J	mg/kg	482548.4	1352061
A9P1-56-5-RM	56	5	24-30	Arsenic	12.3	J	mg/kg	482548.4	1352061
A9P1-56-6-RM	56	6	30-36	Arsenic	11.9	J	mg/kg	482548.4	1352061
A9P1-57-1-RM	57	1	0-6	Arsenic	9.87	-	mg/kg	482545.5	1352064
A9P1-57-2-RM	57	2	6-12	Arsenic	5.73	-	mg/kg	482545.5	1352064
A9P1-57-3-RM	57	3	12-18	Arsenic	6.18	J	mg/kg	482545.5	1352064
A9P1-57-4-RM	57	4	18-24	Arsenic	10.3	J	mg/kg	482545.5	1352064
A9P1-57-5-RM	57	5	24-30	Arsenic	8.54	J	mg/kg	482545.5	1352064
A9P1-57-6-RM	57	6	30-36	Arsenic	6.68	J	mg/kg	482545.5	1352064
A9P1-58-1-RM	58	1	0-6	Arsenic	7.85	J	mg/kg	482542.5	1352061
A9P1-58-2-RM	58	2	6-12	Arsenic	8.97	J	mg/kg	482542.5	1352061
A9P1-58-3-RM	58	3	12-18	Arsenic	8.01	J	mg/kg	482542.5	1352061
A9P1-58-4-RM	58	4	18-24	Arsenic	12	J	mg/kg	482542.5	1352061
A9P1-58-5-RM	58	5	24-30	Arsenic	10.2	J	mg/kg	482542.5	1352061
A9P1-58-6-RM	58	6	30-36	Arsenic	7.36	J	mg/kg	482542.5	1352061
A9P1-59-1-RM	59	1	0-6	Arsenic	7.91	J	mg/kg	482545.6	1352058
A9P1-59-2-RM	59	2	6-12	Arsenic	9.08	J	mg/kg	482545.6	1352058
A9P1-59-3-RM	59	3	12-18	Arsenic	5.54	J	mg/kg	482545.6	1352058
A9P1-59-4-RM	59	4	18-24	Arsenic	8.3	J	mg/kg	482545.6	1352058
A9P1-59-5-RM	59	5	24-30	Arsenic	6.62	J	mg/kg	482545.6	1352058
A9P1-59-6-RM	59	6	30-36	Arsenic	6.59	J	mg/kg	482545.6	1352058
A9P1-60-1-RM	60	1	0-6	Arsenic	10.8	J	mg/kg	482460	1352195
A9P1-60-2-RM	60	2	6-12	Arsenic	11.4	J	mg/kg	482460	1352195
A9P1-60-3-RM	60	3	12-18	Arsenic	10.4	J	mg/kg	482460	1352195
A9P1-60-4-RM	60	4	18-24	Arsenic	13.6	J	mg/kg	482460	1352195
A9P1-60-5-RM	60	5	24-30	Arsenic	11.9	J	mg/kg	482460	1352195
A9P1-60-6-RM	60	6	30-36	Arsenic	6.33	J	mg/kg	482460	1352195
A9P1-61-1-RM	61	1	0-6	Arsenic	13.7	J	mg/kg	482457	1352198
A9P1-61-2-RM	61	2	6-12	Arsenic	6.32	-	mg/kg	482457	1352198
A9P1-61-3-RM	61	3	12-18	Arsenic	11.7	J	mg/kg	482457	1352198
A9P1-61-4-RM	61	4	18-24	Arsenic	12.1	J	mg/kg	482457	1352198
A9P1-61-5-RM	61	5	24-30	Arsenic	10.4	J	mg/kg	482457	1352198
A9P1-61-6-RM	61	6	30-36	Arsenic	7.83	J	mg/kg	482457	1352198
A9P1-62-1-RM	62	1	0-6	Arsenic	6.1	-	mg/kg	482454.1	1352195
A9P1-62-2-RM	62	2	6-12	Arsenic	5.89	-	mg/kg	482454.1	1352195
A9P1-62-3-RM	62	3	12-18	Arsenic	15.1	J	mg/kg	482454.1	1352195
A9P1-62-4-RM	62	4	18-24	Arsenic	7.07	-	mg/kg	482454.1	1352195
A9P1-62-5-RM	62	5	24-30	Arsenic	9.72	J	mg/kg	482454.1	1352195
A9P1-62-6-RM	62	6	30-36	Arsenic	8.95	J	mg/kg	482454.1	1352195
A9P1-63-1-RM	63	1	0-6	Arsenic	6.22	J	mg/kg	482457	1352193
A9P1-63-2-RM	63	2	6-12	Arsenic	9.37	J	mg/kg	482457	1352193
A9P1-63-3-RM	63	3	12-18	Arsenic	13.7	J	mg/kg	482457	1352193
A9P1-63-4-RM	63	4	18-24	Arsenic	9.85	J	mg/kg	482457	1352193
A9P1-63-5-RM	63	5	24-30	Arsenic	7.19	J	mg/kg	482457	1352193
A9P1-63-6-RM	63	6	30-36	Arsenic	6.67	J	mg/kg	482457	1352193

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-64-1-RM	64	1	0-6	Arsenic	7.62	J	mg/kg	481951	1352032
A9P1-64-2-RM	64	2	6-12	Arsenic	9.46	-	mg/kg	481951	1352032
A9P1-64-3-RM	64	3	12-18	Arsenic	12.8	-	mg/kg	481951	1352032
A9P1-64-4-RM	64	4	18-24	Arsenic	6.25	-	mg/kg	481951	1352032
A9P1-64-5-RM	64	5	24-30	Arsenic	7.63	-	mg/kg	481951	1352032
A9P1-64-6-RM	64	6	30-36	Arsenic	4.78	J	mg/kg	481951	1352032
A9P1-65-1-RM	65	1	0-6	Arsenic	6.7	-	mg/kg	481948	1352035
A9P1-65-2-RM	65	2	6-12	Arsenic	13.1	J	mg/kg	481948	1352035
A9P1-65-3-RM	65	3	12-18	Arsenic	8.19	J	mg/kg	481948	1352035
A9P1-65-4-RM	65	4	18-24	Arsenic	6.6	J	mg/kg	481948	1352035
A9P1-65-5-RM	65	5	24-30	Arsenic	7.26	J	mg/kg	481948	1352035
A9P1-65-6-RM	65	6	30-36	Arsenic	6.09	J	mg/kg	481948	1352035
A9P1-66-1-RM	66	1	0-6	Arsenic	8.82	J	mg/kg	481945.1	1352032
A9P1-66-2-RM	66	2	6-12	Arsenic	13.3	J	mg/kg	481945.1	1352032
A9P1-66-3-RM	66	3	12-18	Arsenic	8.76	J	mg/kg	481945.1	1352032
A9P1-66-4-RM	66	4	18-24	Arsenic	7.4	J	mg/kg	481945.1	1352032
A9P1-66-5-RM	66	5	24-30	Arsenic	5.96	J	mg/kg	481945.1	1352032
A9P1-66-6-RM	66	6	30-36	Arsenic	6.12	-	mg/kg	481945.1	1352032
A9P1-67-1-RM	67	1	0-6	Arsenic	6.23	-	mg/kg	481947.9	1352029
A9P1-67-2-RM	67	2	6-12	Arsenic	6.16	-	mg/kg	481947.9	1352029
A9P1-67-3-RM	67	3	12-18	Arsenic	4.76	J	mg/kg	481947.9	1352029
A9P1-67-4-RM	67	4	18-24	Arsenic	7.33	-	mg/kg	481947.9	1352029
A9P1-67-5-RM	67	5	24-30	Arsenic	8.69	J	mg/kg	481947.9	1352029
A9P1-67-6-RM	67	6	30-36	Arsenic	5.95	J	mg/kg	481947.9	1352029
A9PI-P-CONF-1	C1	1	0-6	Arsenic	10.9	J	mg/kg	484222.4	1352462
A9PI-P-CONF-2	C2	1	0-6	Arsenic	9.06	J	mg/kg	484150.8	1352491
A9PI-P-CONF-3	C3	1	0-6	Arsenic	9.45	J	mg/kg	484183.7	1352492
A9PI-P-CONF-4	C4	1	0-6	Arsenic	8.07	J	mg/kg	484244.7	1352422
A9PI-P-CONF-5	C5	1	0-6	Arsenic	8.6	J	mg/kg	484034.4	1352307
A9PI-P-CONF-6	C6	1	0-6	Arsenic	6.6	J	mg/kg	483940.8	1352374
A9PI-P-CONF-7	C7	1	0-6	Arsenic	6.36	J	mg/kg	484218.7	1352491
A9P1-S1-RM	S1	1	0-6	Arsenic	4.03	J	mg/kg	483589.5	1352150
A9P1-S2-RM	S2	1	0-6	Arsenic	4.56	J	mg/kg	483823.2	1352299
A9P1-S3-RM	S3	1	0-6	Arsenic	6.5	J	mg/kg	484170.6	1352530
A9P1-S4-RM	S4	1	0-6	Arsenic	5.06	J	mg/kg	484512.2	1352818
A9PI-P-1-1-M	01	1	0-6	Beryllium	0.43	-	mg/kg	483068.8	1352711
A9PI-P-1-2-RM	01	2	6-12	Beryllium	0.032	U	mg/kg	483068.8	1352711
A9PI-P-1-3-RM	01	3	12-18	Beryllium	0.029	U	mg/kg	483068.8	1352711
A9PI-P-1-4-RM	01	4	18-24	Beryllium	0.24	-	mg/kg	483068.8	1352711
A9PI-P-1-5-RM	01	5	24-30	Beryllium	0.44	-	mg/kg	483068.8	1352711
A9PI-P-1-6-RM	01	6	30-36	Beryllium	0.51	-	mg/kg	483068.8	1352711
A9PI-P-2-1-RM	02	1	0-6	Beryllium	0.18	-	mg/kg	482697.1	1352339
A9PI-P-2-2-RM	02	2	6-12	Beryllium	0.03	U	mg/kg	482697.1	1352339
A9PI-P-2-3-RM	02	3	12-18	Beryllium	0.031	U	mg/kg	482697.1	1352339
A9PI-P-2-4-RM	02	4	18-24	Beryllium	0.32	-	mg/kg	482697.1	1352339
A9PI-P-2-5-RM	02	5	24-30	Beryllium	0.62	-	mg/kg	482697.1	1352339
A9PI-P-2-6-RM	02	6	30-36	Beryllium	0.2	-	mg/kg	482697.1	1352339
A9PI-P-3-1-RM	03	1	0-6	Beryllium	0.51	-	mg/kg	482559	1351896
A9PI-P-3-2-RM	03	2	6-12	Beryllium	0.24	-	mg/kg	482559	1351896
A9PI-P-3-3-RM	03	3	12-18	Beryllium	0.58	-	mg/kg	482559	1351896
A9PI-P-3-4-RM	03	4	18-24	Beryllium	1.12	-	mg/kg	482559	1351896
A9PI-P-3-5-RM	03	5	24-30	Beryllium	0.67	-	mg/kg	482559	1351896
A9PI-P-3-6-RM	03	6	30-36	Beryllium	0.33	-	mg/kg	482559	1351896
A9PI-P-4-1-RM	04	1	0-6	Beryllium	0.039	-	mg/kg	482253	1351912
A9PI-P-4-2-RM	04	2	6-12	Beryllium	0.031	U	mg/kg	482253	1351912
A9PI-P-4-3-RM	04	3	12-18	Beryllium	0.03	U	mg/kg	482253	1351912
A9PI-P-4-4-RM	04	4	18-24	Beryllium	0.976	-	mg/kg	482253	1351912
A9PI-P-4-5-RM	04	5	24-30	Beryllium	1.12	-	mg/kg	482253	1351912
A9PI-P-4-6-RM	04	6	30-36	Beryllium	0.498	-	mg/kg	482253	1351912
A9PI-P-5-1-RM	05	1	0-6	Beryllium	0.526	-	mg/kg	481900.8	1352121
A9PI-P-5-2-RM	05	2	6-12	Beryllium	0.765	-	mg/kg	481900.8	1352121
A9PI-P-5-3-RM	05	3	12-18	Beryllium	0.65	-	mg/kg	481900.8	1352121
A9PI-P-5-4-RM	05	4	18-24	Beryllium	0.521	-	mg/kg	481900.8	1352121
A9PI-P-5-5-RM	05	5	24-30	Beryllium	0.263	-	mg/kg	481900.8	1352121

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9PI-P-5-6-RM	05	6	30-36	Beryllium	0.293	-	mg/kg	481900.8	1352121
A9PI-P-6-1-RM	06	1	0-6	Beryllium	0.091	-	mg/kg	481482.8	1352458
A9PI-P-6-2-RM	06	2	6-12	Beryllium	0.268	-	mg/kg	481482.8	1352458
A9PI-P-6-3-RM	06	3	12-18	Beryllium	0.428	-	mg/kg	481482.8	1352458
A9PI-P-6-4-RM	06	4	18-24	Beryllium	0.511	-	mg/kg	481482.8	1352458
A9PI-P-6-5-RM	06	5	24-30	Beryllium	0.685	-	mg/kg	481482.8	1352458
A9PI-P-6-6-RM	06	6	30-36	Beryllium	0.528	-	mg/kg	481482.8	1352458
A9PI-P-7-1-RM	07	1	0-6	Beryllium	0.224	-	mg/kg	481368	1351975
A9PI-P-7-2-RM	07	2	6-12	Beryllium	0.362	-	mg/kg	481368	1351975
A9PI-P-7-3-RM	07	3	12-18	Beryllium	0.569	-	mg/kg	481368	1351975
A9PI-P-7-4-RM	07	4	18-24	Beryllium	0.572	-	mg/kg	481368	1351975
A9PI-P-7-5-RM	07	5	24-30	Beryllium	0.53	-	mg/kg	481368	1351975
A9PI-P-7-6-RM	07	6	30-36	Beryllium	0.35	-	mg/kg	481368	1351975
A9PI-P-8-1-RM	08	1	0-6	Beryllium	0.041	-	mg/kg	482944.9	1352082
A9PI-P-8-2-RM	08	2	6-12	Beryllium	0.028	U	mg/kg	482944.9	1352082
A9PI-P-8-3-RM	08	3	12-18	Beryllium	0.094	-	mg/kg	482944.9	1352082
A9PI-P-8-4-RM	08	4	18-24	Beryllium	2.32	-	mg/kg	482944.9	1352082
A9PI-P-8-5-RM	08	5	24-30	Beryllium	0.73	-	mg/kg	482944.9	1352082
A9PI-P-8-6-RM	08	6	30-36	Beryllium	0.28	-	mg/kg	482944.9	1352082
A9PI-P-9-1-RM	09	1	0-6	Beryllium	0.14	-	mg/kg	482669.1	1352062
A9PI-P-9-2-RM	09	2	6-12	Beryllium	0.54	-	mg/kg	482669.1	1352062
A9PI-P-9-3-RM	09	3	12-18	Beryllium	0.88	-	mg/kg	482669.1	1352062
A9PI-P-9-4-RM	09	4	18-24	Beryllium	0.77	-	mg/kg	482669.1	1352062
A9PI-P-9-5-RM	09	5	24-30	Beryllium	0.65	-	mg/kg	482669.1	1352062
A9PI-P-9-6-RM	09	6	30-36	Beryllium	0.56	-	mg/kg	482669.1	1352062
A9P1-10-1-RM	10	1	0-6	Beryllium	0.16	-	mg/kg	482545.5	1352061
A9P1-10-2-RM	10	2	6-12	Beryllium	0.11	-	mg/kg	482545.5	1352061
A9P1-10-3-RM	10	3	12-18	Beryllium	2.17	-	mg/kg	482545.5	1352061
A9P1-10-4-RM	10	4	18-24	Beryllium	1.92	-	mg/kg	482545.5	1352061
A9P1-10-5-RM	10	5	24-30	Beryllium	0.63	-	mg/kg	482545.5	1352061
A9P1-10-6-RM	10	6	30-36	Beryllium	0.34	-	mg/kg	482545.5	1352061
A9P1-11-1-RM	11	1	0-6	Beryllium	0.46	-	mg/kg	481617.4	1351868
A9P1-11-2-RM	11	2	6-12	Beryllium	0.4	-	mg/kg	481617.4	1351868
A9P1-11-3-RM	11	3	12-18	Beryllium	0.4	-	mg/kg	481617.4	1351868
A9P1-11-4-RM	11	4	18-24	Beryllium	0.76	-	mg/kg	481617.4	1351868
A9P1-11-5-RM	11	5	24-30	Beryllium	0.76	-	mg/kg	481617.4	1351868
A9P1-11-6-RM	11	6	30-36	Beryllium	0.65	-	mg/kg	481617.4	1351868
A9P1-12-1-RM	12	1	0-6	Beryllium	0.17	-	mg/kg	481947.8	1352032
A9P1-12-1-M-S	12	1	0-6	Beryllium	0.53	-	mg/kg	481947.8	1352032
A9P1-12-1-RM-D	12	1	0-6	Beryllium	0.21	-	mg/kg	481947.8	1352032
A9P1-12-2-RM	12	2	6-12	Beryllium	0.19	-	mg/kg	481947.8	1352032
A9P1-12-2-M-S	12	2	6-12	Beryllium	1	-	mg/kg	481947.8	1352032
A9P1-12-2-RM-D	12	2	6-12	Beryllium	0.36	-	mg/kg	481947.8	1352032
A9P1-12-3-M-S	12	3	12-18	Beryllium	1.2	-	mg/kg	481947.8	1352032
A9P1-12-3-RM	12	3	12-18	Beryllium	1.12	-	mg/kg	481947.8	1352032
A9P1-12-3-RM-D	12	3	12-18	Beryllium	1.71	-	mg/kg	481947.8	1352032
A9P1-12-4-RM-D	12	4	18-24	Beryllium	0.27	-	mg/kg	481947.8	1352032
A9P1-12-4-RM	12	4	18-24	Beryllium	0.69	-	mg/kg	481947.8	1352032
A9P1-12-4-M-S	12	4	18-24	Beryllium	0.87	-	mg/kg	481947.8	1352032
A9P1-12-5-M-S	12	5	24-30	Beryllium	0.61	-	mg/kg	481947.8	1352032
A9P1-12-5-RM-D	12	5	24-30	Beryllium	0.37	-	mg/kg	481947.8	1352032
A9P1-12-5-RM	12	5	24-30	Beryllium	0.5	-	mg/kg	481947.8	1352032
A9P1-12-6-RM-D	12	6	30-36	Beryllium	0.44	-	mg/kg	481947.8	1352032
A9P1-12-6-M-S	12	6	30-36	Beryllium	0.78	-	mg/kg	481947.8	1352032
A9P1-12-6-RM	12	6	30-36	Beryllium	0.38	-	mg/kg	481947.8	1352032
A9P1-13-1-RM	13	1	0-6	Beryllium	0.28	-	mg/kg	481928.1	1351874
A9P1-13-2-RM	13	2	6-12	Beryllium	0.4	-	mg/kg	481928.1	1351874
A9P1-13-3-RM	13	3	12-18	Beryllium	0.25	-	mg/kg	481928.1	1351874
A9P1-13-4-RM	13	4	18-24	Beryllium	0.36	-	mg/kg	481928.1	1351874
A9P1-13-5-RM	13	5	24-30	Beryllium	0.45	-	mg/kg	481928.1	1351874
A9P1-13-6-RM	13	6	30-36	Beryllium	1.05	-	mg/kg	481928.1	1351874
A9P1-14-1-RM	14	1	0-6	Beryllium	0.37	-	mg/kg	482260.1	1352135
A9P1-14-2-RM	14	2	6-12	Beryllium	0.4	-	mg/kg	482260.1	1352135
A9P1-14-3-RM	14	3	12-18	Beryllium	0.81	-	mg/kg	482260.1	1352135

000053

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-14-4-RM	14	4	18-24	Beryllium	0.62	-	mg/kg	482260.1	1352135
A9P1-14-5-RM	14	5	24-30	Beryllium	0.51	-	mg/kg	482260.1	1352135
A9P1-14-6-RM	14	6	30-36	Beryllium	0.38	-	mg/kg	482260.1	1352135
A9P1-15-1-RM	15	1	0-6	Beryllium	0.03	U	mg/kg	482457	1352195
A9P1-15-2-RM	15	2	6-12	Beryllium	0.03	U	mg/kg	482457	1352195
A9P1-15-3-RM	15	3	12-18	Beryllium	0.03	U	mg/kg	482457	1352195
A9P1-15-4-RM	15	4	18-24	Beryllium	0.03	U	mg/kg	482457	1352195
A9P1-15-5-RM	15	5	24-30	Beryllium	1.84	-	mg/kg	482457	1352195
A9P1-15-6-RM	15	6	30-36	Beryllium	0.64	-	mg/kg	482457	1352195
A9P1-16-1-RM	16	1	0-6	Beryllium	0.28	-	mg/kg	482659	1352226
A9P1-16-2-RM	16	2	6-12	Beryllium	0.22	-	mg/kg	482659	1352226
A9P1-16-3-RM	16	3	12-18	Beryllium	0.32	-	mg/kg	482659	1352226
A9P1-16-4-RM	16	4	18-24	Beryllium	3.18	-	mg/kg	482659	1352226
A9P1-16-5-RM	16	5	24-30	Beryllium	0.74	-	mg/kg	482659	1352226
A9P1-16-6-RM	16	6	30-36	Beryllium	0.43	-	mg/kg	482659	1352226
A9P1-17-1-RM	17	1	0-6	Beryllium	0.19	-	mg/kg	482858.6	1352235
A9P1-17-2-RM	17	2	6-12	Beryllium	0.18	-	mg/kg	482858.6	1352235
A9P1-17-3-RM	17	3	12-18	Beryllium	0.24	-	mg/kg	482858.6	1352235
A9P1-17-4-RM	17	4	18-24	Beryllium	0.71	-	mg/kg	482858.6	1352235
A9P1-17-5-RM	17	5	24-30	Beryllium	0.75	-	mg/kg	482858.6	1352235
A9P1-17-6-RM	17	6	30-36	Beryllium	0.44	-	mg/kg	482858.6	1352235
A9P1-18-1-RM	18	1	0-6	Beryllium	0.17	-	mg/kg	483050.6	1352194
A9P1-18-2-RM	18	2	6-12	Beryllium	0.17	-	mg/kg	483050.6	1352194
A9P1-18-3-RM	18	3	12-18	Beryllium	0.15	-	mg/kg	483050.6	1352194
A9P1-18-4-RM	18	4	18-24	Beryllium	1.04	-	mg/kg	483050.6	1352194
A9P1-18-5-RM	18	5	24-30	Beryllium	0.65	-	mg/kg	483050.6	1352194
A9P1-18-6-RM	18	6	30-36	Beryllium	0.6	-	mg/kg	483050.6	1352194
A9P1-19-1-RM	19	1	0-6	Beryllium	0.029	U	mg/kg	483202.3	1352071
A9P1-19-2-RM	19	2	6-12	Beryllium	0.18	-	mg/kg	483202.3	1352071
A9P1-19-3-RM	19	3	12-18	Beryllium	0.16	-	mg/kg	483202.3	1352071
A9P1-19-4-RM	19	4	18-24	Beryllium	0.75	-	mg/kg	483202.3	1352071
A9P1-19-5-RM	19	5	24-30	Beryllium	0.42	-	mg/kg	483202.3	1352071
A9P1-19-6-RM	19	6	30-36	Beryllium	0.37	-	mg/kg	483202.3	1352071
A9P1-20-1-RM	20	1	0-6	Beryllium	0.09	-	mg/kg	483319.2	1352135
A9P1-20-2-RM	20	2	6-12	Beryllium	0.19	-	mg/kg	483319.2	1352135
A9P1-20-3-RM	20	3	12-18	Beryllium	1.45	-	mg/kg	483319.2	1352135
A9P1-20-4-RM	20	4	18-24	Beryllium	0.88	-	mg/kg	483319.2	1352135
A9P1-20-5-RM	20	5	24-30	Beryllium	0.66	-	mg/kg	483319.2	1352135
A9P1-20-6-RM	20	6	30-36	Beryllium	0.47	-	mg/kg	483319.2	1352135
A9P1-21-1-RM	21	1	0-6	Beryllium	0.34	-	mg/kg	483309.2	1352267
A9P1-21-2-RM	21	2	6-12	Beryllium	0.47	-	mg/kg	483309.2	1352267
A9P1-21-3-RM	21	3	12-18	Beryllium	0.58	-	mg/kg	483309.2	1352267
A9P1-21-4-RM	21	4	18-24	Beryllium	0.49	-	mg/kg	483309.2	1352267
A9P1-21-5-RM	21	5	24-30	Beryllium	0.36	-	mg/kg	483309.2	1352267
A9P1-21-6-RM	21	6	30-36	Beryllium	0.43	-	mg/kg	483309.2	1352267
A9P1-22-1-RM	22	1	0-6	Beryllium	0.03	U	mg/kg	483177.2	1352765
A9P1-22-2-RM	22	2	6-12	Beryllium	0.03	U	mg/kg	483177.2	1352765
A9P1-22-3-RM	22	3	12-18	Beryllium	0.03	U	mg/kg	483177.2	1352765
A9P1-22-4-RM	22	4	18-24	Beryllium	0.22	-	mg/kg	483177.2	1352765
A9P1-22-5-RM	22	5	24-30	Beryllium	0.78	-	mg/kg	483177.2	1352765
A9P1-22-6-RM	22	6	30-36	Beryllium	0.8	-	mg/kg	483177.2	1352765
A9P1-23-1-RM	23	1	0-6	Beryllium	0.09	-	mg/kg	482889.5	1352655
A9P1-23-2-RM	23	2	6-12	Beryllium	0.03	U	mg/kg	482889.5	1352655
A9P1-23-3-RM	23	3	12-18	Beryllium	0.13	-	mg/kg	482889.5	1352655
A9P1-23-4-RM	23	4	18-24	Beryllium	0.55	-	mg/kg	482889.5	1352655
A9P1-23-5-RM	23	5	24-30	Beryllium	0.88	-	mg/kg	482889.5	1352655
A9P1-23-6-RM	23	6	30-36	Beryllium	0.71	-	mg/kg	482889.5	1352655
A9P1-24-1-RM	24	1	0-6	Beryllium	0.5	-	mg/kg	482400.6	1352584
A9P1-24-2-RM	24	2	6-12	Beryllium	0.34	-	mg/kg	482400.6	1352584
A9P1-24-3-RM	24	3	12-18	Beryllium	0.45	-	mg/kg	482400.6	1352584
A9P1-24-4-RM	24	4	18-24	Beryllium	0.6	-	mg/kg	482400.6	1352584
A9P1-24-5-RM	24	5	24-30	Beryllium	0.72	-	mg/kg	482400.6	1352584
A9P1-24-6-RM	24	6	30-36	Beryllium	0.42	-	mg/kg	482400.6	1352584
A9P1-25-1-RM	25	1	0-6	Beryllium	0.12	-	mg/kg	482006.7	1352544

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-25-2-RM	25	2	6-12	Beryllium	0.03	U	mg/kg	482006.7	1352544
A9P1-25-3-RM	25	3	12-18	Beryllium	0.31	-	mg/kg	482006.7	1352544
A9P1-25-4-RM	25	4	18-24	Beryllium	1.03	-	mg/kg	482006.7	1352544
A9P1-25-5-RM	25	5	24-30	Beryllium	0.87	-	mg/kg	482006.7	1352544
A9P1-25-6-RM	25	6	30-36	Beryllium	0.46	-	mg/kg	482006.7	1352544
A9P1-26-1-RM	26	1	0-6	Beryllium	0.2	-	mg/kg	481748.5	1352486
A9P1-26-2-RM	26	2	6-12	Beryllium	0.21	-	mg/kg	481748.5	1352486
A9P1-26-3-RM	26	3	12-18	Beryllium	0.53	-	mg/kg	481748.5	1352486
A9P1-26-4-RM	26	4	18-24	Beryllium	0.94	-	mg/kg	481748.5	1352486
A9P1-26-5-RM	26	5	24-30	Beryllium	0.9	-	mg/kg	481748.5	1352486
A9P1-26-6-RM	26	6	30-36	Beryllium	0.38	-	mg/kg	481748.5	1352486
A9P1-27-1-RM	27	1	0-6	Beryllium	0.58	-	mg/kg	481391.1	1352541
A9P1-27-2-RM	27	2	6-12	Beryllium	0.62	-	mg/kg	481391.1	1352541
A9P1-27-3-RM	27	3	12-18	Beryllium	1.02	-	mg/kg	481391.1	1352541
A9P1-27-4-RM	27	4	18-24	Beryllium	0.73	-	mg/kg	481391.1	1352541
A9P1-27-5-RM	27	5	24-30	Beryllium	0.57	-	mg/kg	481391.1	1352541
A9P1-27-6-RM	27	6	30-36	Beryllium	0.59	-	mg/kg	481391.1	1352541
A9P1-28-1-RM	28	1	0-6	Beryllium	0.48	-	mg/kg	481040.8	1351882
A9P1-28-2-RM	28	2	6-12	Beryllium	0.45	-	mg/kg	481040.8	1351882
A9P1-28-3-RM	28	3	12-18	Beryllium	0.25	-	mg/kg	481040.8	1351882
A9P1-28-4-RM	28	4	18-24	Beryllium	0.72	-	mg/kg	481040.8	1351882
A9P1-28-5-RM	28	5	24-30	Beryllium	1.09	-	mg/kg	481040.8	1351882
A9P1-28-6-RM	28	6	30-36	Beryllium	1.1	-	mg/kg	481040.8	1351882
A9P1-29-1-RM	29	1	0-6	Beryllium	0.23	-	mg/kg	481378.8	1352165
A9P1-29-2-RM	29	2	6-12	Beryllium	0.33	-	mg/kg	481378.8	1352165
A9P1-29-3-RM	29	3	12-18	Beryllium	0.72	-	mg/kg	481378.8	1352165
A9P1-29-4-RM	29	4	18-24	Beryllium	1.08	-	mg/kg	481378.8	1352165
A9P1-29-5-RM	29	5	24-30	Beryllium	0.52	-	mg/kg	481378.8	1352165
A9P1-29-6-RM	29	6	30-36	Beryllium	0.29	-	mg/kg	481378.8	1352165
A9P1-30-1-RM	30	1	0-6	Beryllium	0.53	-	mg/kg	482269.7	1352285
A9P1-30-2-RM	30	2	6-12	Beryllium	0.35	-	mg/kg	482269.7	1352285
A9P1-30-3-RM	30	3	12-18	Beryllium	0.59	-	mg/kg	482269.7	1352285
A9P1-30-4-RM	30	4	18-24	Beryllium	0.84	-	mg/kg	482269.7	1352285
A9P1-30-5-RM	30	5	24-30	Beryllium	0.69	-	mg/kg	482269.7	1352285
A9P1-30-6-RM	30	6	30-36	Beryllium	0.66	-	mg/kg	482269.7	1352285
A9P1-31-1-RM	31	1	0-6	Beryllium	0.11	J	mg/kg	481711.3	1352217
A9P1-31-2-RM	31	2	6-12	Beryllium	0.14	J	mg/kg	481711.3	1352217
A9P1-31-3-RM	31	3	12-18	Beryllium	0.2	J	mg/kg	481711.3	1352217
A9P1-31-4-RM	31	4	18-24	Beryllium	0.17	J	mg/kg	481711.3	1352217
A9P1-31-5-RM	31	5	24-30	Beryllium	0.42	J	mg/kg	481711.3	1352217
A9P1-31-6-RM	31	6	30-36	Beryllium	0.52	J	mg/kg	481711.3	1352217
A9P1-32-1-RM	32	1	0-6	Beryllium	0.36	J	mg/kg	482011.3	1352288
A9P1-32-2-RM	32	2	6-12	Beryllium	0.05	J	mg/kg	482011.3	1352288
A9P1-32-3-RM	32	3	12-18	Beryllium	0.09	J	mg/kg	482011.3	1352288
A9P1-32-4-RM	32	4	18-24	Beryllium	1.24	J	mg/kg	482011.3	1352288
A9P1-32-5-RM	32	5	24-30	Beryllium	0.55	J	mg/kg	482011.3	1352288
A9P1-32-6-RM	32	6	30-36	Beryllium	0.41	J	mg/kg	482011.3	1352288
A9P1-33-1-RM	33	1	0-6	Beryllium	0.25	J	mg/kg	482337.3	1352410
A9P1-33-2-RM	33	2	6-12	Beryllium	0.21	J	mg/kg	482337.3	1352410
A9P1-33-3-RM	33	3	12-18	Beryllium	0.45	J	mg/kg	482337.3	1352410
A9P1-33-4-RM	33	4	18-24	Beryllium	0.46	J	mg/kg	482337.3	1352410
A9P1-33-5-RM	33	5	24-30	Beryllium	1.13	J	mg/kg	482337.3	1352410
A9P1-33-6-RM	33	6	30-36	Beryllium	0.55	J	mg/kg	482337.3	1352410
A9P1-34-1-RM	34	1	0-6	Beryllium	0.1	-	mg/kg	482915.1	1352391
A9P1-34-2-RM	34	2	6-12	Beryllium	0.12	-	mg/kg	482915.1	1352391
A9P1-34-3-RM	34	3	12-18	Beryllium	0.35	-	mg/kg	482915.1	1352391
A9P1-34-4-RM	34	4	18-24	Beryllium	1.24	J	mg/kg	482915.1	1352391
A9P1-34-5-RM	34	5	24-30	Beryllium	0.75	-	mg/kg	482915.1	1352391
A9P1-34-6-RM	34	6	30-36	Beryllium	0.41	-	mg/kg	482915.1	1352391
A9P1-35-1-RM	35	1	0-6	Beryllium	0.31	J	mg/kg	483153.8	1352337
A9P1-35-2-RM	35	2	6-12	Beryllium	0.03	UJ	mg/kg	483153.8	1352337
A9P1-35-3-RM	35	3	12-18	Beryllium	0.12	J	mg/kg	483153.8	1352337
A9P1-35-4-RM	35	4	18-24	Beryllium	0.47	J	mg/kg	483153.8	1352337
A9P1-35-5-RM	35	5	24-30	Beryllium	0.7	J	mg/kg	483153.8	1352337

000055

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-35-6-RM	35	6	30-36	Beryllium	0.6	J	mg/kg	483153.8	1352337
A9P1-36-1-RM	36	1	0-6	Beryllium	0.03	UJ	mg/kg	482127.6	1351933
A9P1-36-2-RM	36	2	6-12	Beryllium	0.05	J	mg/kg	482127.6	1351933
A9P1-36-3-RM	36	3	12-18	Beryllium	0.44	J	mg/kg	482127.6	1351933
A9P1-36-4-RM	36	4	18-24	Beryllium	0.86	J	mg/kg	482127.6	1351933
A9P1-36-5-RM	36	5	24-30	Beryllium	0.29	J	mg/kg	482127.6	1351933
A9P1-36-6-RM	36	6	30-36	Beryllium	0.37	J	mg/kg	482127.6	1351933
A9P1-37-1-RM	37	1	0-6	Beryllium	0.08	J	mg/kg	482421.4	1351936
A9P1-37-2-RM	37	2	6-12	Beryllium	0.05	J	mg/kg	482421.4	1351936
A9P1-37-3-RM	37	3	12-18	Beryllium	0.6	J	mg/kg	482421.4	1351936
A9P1-37-4-RM	37	4	18-24	Beryllium	0.98	J	mg/kg	482421.4	1351936
A9P1-37-5-RM	37	5	24-30	Beryllium	0.78	J	mg/kg	482421.4	1351936
A9P1-37-6-RM	37	6	30-36	Beryllium	0.6	J	mg/kg	482421.4	1351936
A9P1-38-1-RM	38	1	0-6	Beryllium	0.03	UJ	mg/kg	482811.8	1352088
A9P1-38-2-RM	38	2	6-12	Beryllium	0.03	UJ	mg/kg	482811.8	1352088
A9P1-38-3-RM	38	3	12-18	Beryllium	2.93	-	mg/kg	482811.8	1352088
A9P1-38-4-RM	38	4	18-24	Beryllium	0.58	-	mg/kg	482811.8	1352088
A9P1-38-5-RM	38	5	24-30	Beryllium	0.58	-	mg/kg	482811.8	1352088
A9P1-38-6-RM	38	6	30-36	Beryllium	0.38	-	mg/kg	482811.8	1352088
A9P1-39-1-RM	39	1	0-6	Beryllium	0.09	-	mg/kg	483063.7	1352114
A9P1-39-2-RM	39	2	6-12	Beryllium	0.16	-	mg/kg	483063.7	1352114
A9P1-39-3-RM	39	3	12-18	Beryllium	1.15	-	mg/kg	483063.7	1352114
A9P1-39-4-RM	39	4	18-24	Beryllium	0.82	-	mg/kg	483063.7	1352114
A9P1-39-5-RM	39	5	24-30	Beryllium	0.72	-	mg/kg	483063.7	1352114
A9P1-39-6-RM	39	6	30-36	Beryllium	0.57	-	mg/kg	483063.7	1352114
A9P1-40-1-RM	40	1	0-6	Beryllium	0.07	-	mg/kg	483176	1352541
A9P1-40-2-RM	40	2	6-12	Beryllium	0.03	U	mg/kg	483176	1352541
A9P1-40-3-RM	40	3	12-18	Beryllium	1.71	-	mg/kg	483176	1352541
A9P1-40-4-RM	40	4	18-24	Beryllium	0.68	-	mg/kg	483176	1352541
A9P1-40-5-RM	40	5	24-30	Beryllium	0.27	-	mg/kg	483176	1352541
A9P1-40-6-RM	40	6	30-36	Beryllium	0.23	-	mg/kg	483176	1352541
A9P1-41-1-RM	41	1	0-6	Beryllium	0.03	U	mg/kg	482567.1	1352330
A9P1-41-2-RM	41	2	6-12	Beryllium	0.03	U	mg/kg	482567.1	1352330
A9P1-41-3-RM	41	3	12-18	Beryllium	0.06	-	mg/kg	482567.1	1352330
A9P1-41-4-RM	41	4	18-24	Beryllium	0.13	-	mg/kg	482567.1	1352330
A9P1-41-5-RM	41	5	24-30	Beryllium	0.1	-	mg/kg	482567.1	1352330
A9P1-41-6-RM	41	6	30-36	Beryllium	0.58	-	mg/kg	482567.1	1352330
A9P1-42-1-RM	42	1	0-6	Beryllium	0.31	-	mg/kg	482385.6	1352056
A9P1-42-2-RM	42	2	6-12	Beryllium	0.93	-	mg/kg	482385.6	1352056
A9P1-42-3-RM	42	3	12-18	Beryllium	0.5	-	mg/kg	482385.6	1352056
A9P1-42-4-RM	42	4	18-24	Beryllium	1.22	-	mg/kg	482385.6	1352056
A9P1-42-5-RM	42	5	24-30	Beryllium	0.14	-	mg/kg	482385.6	1352056
A9P1-42-6-RM	42	6	30-36	Beryllium	0.09	-	mg/kg	482385.6	1352056
A9P1-43-1-RM	43	1	0-6	Beryllium	0.03	U	mg/kg	481623.1	1352042
A9P1-43-2-RM	43	2	6-12	Beryllium	0.03	U	mg/kg	481623.1	1352042
A9P1-43-3-RM	43	3	12-18	Beryllium	0.34	-	mg/kg	481623.1	1352042
A9P1-43-4-RM	43	4	18-24	Beryllium	0.38	-	mg/kg	481623.1	1352042
A9P1-43-5-RM	43	5	24-30	Beryllium	0.39	-	mg/kg	481623.1	1352042
A9P1-43-6-RM	43	6	30-36	Beryllium	0.18	-	mg/kg	481623.1	1352042
A9P1-44-1-RM	44	1	0-6	Beryllium	0.44	-	mg/kg	481041.4	1352031
A9P1-44-2-RM	44	2	6-12	Beryllium	0.35	-	mg/kg	481041.4	1352031
A9P1-44-3-RM	44	3	12-18	Beryllium	0.77	-	mg/kg	481041.4	1352031
A9P1-44-4-RM	44	4	18-24	Beryllium	1.38	-	mg/kg	481041.4	1352031
A9P1-44-5-RM	44	5	24-30	Beryllium	0.78	-	mg/kg	481041.4	1352031
A9P1-44-6-RM	44	6	30-36	Beryllium	0.47	-	mg/kg	481041.4	1352031
A9P1-45-1-RM	45	1	0-6	Beryllium	0.27	-	mg/kg	480891.6	1351881
A9P1-45-2-RM	45	2	6-12	Beryllium	0.26	-	mg/kg	480891.6	1351881
A9P1-45-3-RM	45	3	12-18	Beryllium	0.79	-	mg/kg	480891.6	1351881
A9P1-45-4-RM	45	4	18-24	Beryllium	0.22	-	mg/kg	480891.6	1351881
A9P1-45-5-RM	45	5	24-30	Beryllium	0.45	-	mg/kg	480891.6	1351881
A9P1-45-6-RM	45	6	30-36	Beryllium	0.66	-	mg/kg	480891.6	1351881
A9P1-46-1-RM	46	1	0-6	Beryllium	0.48	-	mg/kg	482659.7	1352641
A9P1-46-2-RM	46	2	6-12	Beryllium	0.19	-	mg/kg	482659.7	1352641
A9P1-46-3-RM	46	3	12-18	Beryllium	0.9	-	mg/kg	482659.7	1352641

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-46-4-RM	46	4	18-24	Beryllium	0.35	-	mg/kg	482659.7	1352641
A9P1-46-5-RM	46	5	24-30	Beryllium	0.36	-	mg/kg	482659.7	1352641
A9P1-46-6-RM	46	6	30-36	Beryllium	0.27	-	mg/kg	482659.7	1352641
A9P1-47-1-RM	47	1	0-6	Beryllium	0.47	-	mg/kg	481749	1352585
A9P1-47-2-RM	47	2	6-12	Beryllium	0.3	-	mg/kg	481749	1352585
A9P1-47-3-RM	47	3	12-18	Beryllium	0.27	-	mg/kg	481749	1352585
A9P1-47-4-RM	47	4	18-24	Beryllium	0.24	-	mg/kg	481749	1352585
A9P1-47-5-RM	47	5	24-30	Beryllium	0.21	-	mg/kg	481749	1352585
A9P1-47-6-RM	47	6	30-36	Beryllium	0.14	-	mg/kg	481749	1352585
A9P1-48-1-RM	48	1	0-6	Beryllium	0.14	-	mg/kg	482656	1352226
A9P1-48-2-RM	48	2	6-12	Beryllium	0.29	-	mg/kg	482656	1352226
A9P1-48-3-RM	48	3	12-18	Beryllium	0.37	-	mg/kg	482656	1352226
A9P1-48-4-RM	48	4	18-24	Beryllium	1.38	-	mg/kg	482656	1352226
A9P1-48-5-RM	48	5	24-30	Beryllium	0.53	-	mg/kg	482656	1352226
A9P1-48-6-RM	48	6	30-36	Beryllium	0.48	-	mg/kg	482656	1352226
A9P1-49-1-RM	49	1	0-6	Beryllium	0.16	-	mg/kg	482662.1	1352226
A9P1-49-2-RM	49	2	6-12	Beryllium	0.12	-	mg/kg	482662.1	1352226
A9P1-49-3-RM	49	3	12-18	Beryllium	0.1	-	mg/kg	482662.1	1352226
A9P1-49-4-RM	49	4	18-24	Beryllium	2.23	-	mg/kg	482662.1	1352226
A9P1-49-5-RM	49	5	24-30	Beryllium	0.46	-	mg/kg	482662.1	1352226
A9P1-49-6-RM	49	6	30-36	Beryllium	0.4	-	mg/kg	482662.1	1352226
A9P1-50-1-RM	50	1	0-6	Beryllium	0.12	-	mg/kg	482659.1	1352223
A9P1-50-2-RM	50	2	6-12	Beryllium	0.09	-	mg/kg	482659.1	1352223
A9P1-50-3-RM	50	3	12-18	Beryllium	0.41	-	mg/kg	482659.1	1352223
A9P1-50-4-RM	50	4	18-24	Beryllium	1.18	-	mg/kg	482659.1	1352223
A9P1-50-5-RM	50	5	24-30	Beryllium	0.62	-	mg/kg	482659.1	1352223
A9P1-50-6-RM	50	6	30-36	Beryllium	0.44	-	mg/kg	482659.1	1352223
A9P1-51-1-RM	51	1	0-6	Beryllium	0.14	-	mg/kg	482659	1352229
A9P1-51-2-RM	51	2	6-12	Beryllium	0.19	-	mg/kg	482659	1352229
A9P1-51-3-RM	51	3	12-18	Beryllium	0.29	-	mg/kg	482659	1352229
A9P1-51-4-RM	51	4	18-24	Beryllium	0.51	-	mg/kg	482659	1352229
A9P1-51-5-RM	51	5	24-30	Beryllium	0.46	-	mg/kg	482659	1352229
A9P1-51-6-RM	51	6	30-36	Beryllium	0.46	-	mg/kg	482659	1352229
A9P1-52-1-M	52	1	0-6	Beryllium	0.18	-	mg/kg	483322.7	1352136
A9P1-52-2-M	52	2	6-12	Beryllium	0.11	-	mg/kg	483322.7	1352136
A9P1-52-3-M	52	3	12-18	Beryllium	0.38	-	mg/kg	483322.7	1352136
A9P1-52-4-M	52	4	18-24	Beryllium	1.07	-	mg/kg	483322.7	1352136
A9P1-52-5-M	52	5	24-30	Beryllium	0.68	-	mg/kg	483322.7	1352136
A9P1-52-6-M	52	6	30-36	Beryllium	0.47	-	mg/kg	483322.7	1352136
A9P1-53-1-RM	53	1	0-6	Beryllium	0.03	U	mg/kg	482948	1352082
A9P1-53-2-RM	53	2	6-12	Beryllium	0.03	U	mg/kg	482948	1352082
A9P1-53-3-RM	53	3	12-18	Beryllium	0.15	-	mg/kg	482948	1352082
A9P1-53-4-RM	53	4	18-24	Beryllium	1.14	-	mg/kg	482948	1352082
A9P1-53-5-RM	53	5	24-30	Beryllium	0.44	-	mg/kg	482948	1352082
A9P1-53-6-RM	53	6	30-36	Beryllium	0.29	-	mg/kg	482948	1352082
A9P1-54-1-RM	54	1	0-6	Beryllium	0.03	U	mg/kg	482945	1352085
A9P1-54-2-RM	54	2	6-12	Beryllium	0.03	U	mg/kg	482945	1352085
A9P1-54-3-RM	54	3	12-18	Beryllium	0.26	-	mg/kg	482945	1352085
A9P1-54-4-RM	54	4	18-24	Beryllium	0.64	-	mg/kg	482945	1352085
A9P1-54-5-RM	54	5	24-30	Beryllium	0.92	J	mg/kg	482945	1352085
A9P1-54-6-RM	54	6	30-36	Beryllium	0.23	-	mg/kg	482945	1352085
A9P1-55-1-RM	55	1	0-6	Beryllium	0.03	U	mg/kg	482941.9	1352082
A9P1-55-2-RM	55	2	6-12	Beryllium	0.06	-	mg/kg	482941.9	1352082
A9P1-55-3-RM	55	3	12-18	Beryllium	0.36	-	mg/kg	482941.9	1352082
A9P1-55-4-RM	55	4	18-24	Beryllium	0.5	-	mg/kg	482941.9	1352082
A9P1-55-5-RM	55	5	24-30	Beryllium	0.68	-	mg/kg	482941.9	1352082
A9P1-55-6-RM	55	6	30-36	Beryllium	0.35	-	mg/kg	482941.9	1352082
A9P1-56-1-RM	56	1	0-6	Beryllium	0.09	-	mg/kg	482548.4	1352061
A9P1-56-2-RM	56	2	6-12	Beryllium	0.13	-	mg/kg	482548.4	1352061
A9P1-56-3-RM	56	3	12-18	Beryllium	0.42	-	mg/kg	482548.4	1352061
A9P1-56-4-RM	56	4	18-24	Beryllium	0.4	-	mg/kg	482548.4	1352061
A9P1-56-5-RM	56	5	24-30	Beryllium	0.42	-	mg/kg	482548.4	1352061
A9P1-56-6-RM	56	6	30-36	Beryllium	0.13	-	mg/kg	482548.4	1352061
A9P1-57-1-RM	57	1	0-6	Beryllium	0.18	-	mg/kg	482545.5	1352064

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-57-2-RM	57	2	6-12	Beryllium	0.16	-	mg/kg	482545.5	1352064
A9P1-57-3-RM	57	3	12-18	Beryllium	0.86	-	mg/kg	482545.5	1352064
A9P1-57-4-RM	57	4	18-24	Beryllium	1.11	-	mg/kg	482545.5	1352064
A9P1-57-5-RM	57	5	24-30	Beryllium	0.67	-	mg/kg	482545.5	1352064
A9P1-57-6-RM	57	6	30-36	Beryllium	0.43	-	mg/kg	482545.5	1352064
A9P1-58-1-RM	58	1	0-6	Beryllium	0.03	U	mg/kg	482542.5	1352061
A9P1-58-2-RM	58	2	6-12	Beryllium	0.08	-	mg/kg	482542.5	1352061
A9P1-58-3-RM	58	3	12-18	Beryllium	0.99	-	mg/kg	482542.5	1352061
A9P1-58-4-RM	58	4	18-24	Beryllium	0.51	-	mg/kg	482542.5	1352061
A9P1-58-5-RM	58	5	24-30	Beryllium	0.08	-	mg/kg	482542.5	1352061
A9P1-58-6-RM	58	6	30-36	Beryllium	0.16	-	mg/kg	482542.5	1352061
A9P1-59-1-RM	59	1	0-6	Beryllium	0.02	U	mg/kg	482545.6	1352058
A9P1-59-2-RM	59	2	6-12	Beryllium	0.04	-	mg/kg	482545.6	1352058
A9P1-59-3-RM	59	3	12-18	Beryllium	1.56	-	mg/kg	482545.6	1352058
A9P1-59-4-RM	59	4	18-24	Beryllium	0.5	-	mg/kg	482545.6	1352058
A9P1-59-5-RM	59	5	24-30	Beryllium	0.19	-	mg/kg	482545.6	1352058
A9P1-59-6-RM	59	6	30-36	Beryllium	0.03	U	mg/kg	482545.6	1352058
A9P1-60-1-RM	60	1	0-6	Beryllium	0.06	-	mg/kg	482460	1352195
A9P1-60-2-RM	60	2	6-12	Beryllium	0.37	-	mg/kg	482460	1352195
A9P1-60-3-RM	60	3	12-18	Beryllium	0.17	-	mg/kg	482460	1352195
A9P1-60-4-RM	60	4	18-24	Beryllium	0.56	-	mg/kg	482460	1352195
A9P1-60-5-RM	60	5	24-30	Beryllium	0.47	-	mg/kg	482460	1352195
A9P1-60-6-RM	60	6	30-36	Beryllium	0.03	-	mg/kg	482460	1352195
A9P1-61-1-RM	61	1	0-6	Beryllium	0.03	-	mg/kg	482457	1352198
A9P1-61-2-RM	61	2	6-12	Beryllium	0.07	-	mg/kg	482457	1352198
A9P1-61-3-RM	61	3	12-18	Beryllium	0.03	-	mg/kg	482457	1352198
A9P1-61-4-RM	61	4	18-24	Beryllium	1.38	-	mg/kg	482457	1352198
A9P1-61-5-RM	61	5	24-30	Beryllium	0.46	-	mg/kg	482457	1352198
A9P1-61-6-RM	61	6	30-36	Beryllium	0.2	-	mg/kg	482457	1352198
A9P1-62-1-RM	62	1	0-6	Beryllium	0.03	-	mg/kg	482454.1	1352195
A9P1-62-2-RM	62	2	6-12	Beryllium	0.03	-	mg/kg	482454.1	1352195
A9P1-62-3-RM	62	3	12-18	Beryllium	0.19	-	mg/kg	482454.1	1352195
A9P1-62-4-RM	62	4	18-24	Beryllium	0.85	-	mg/kg	482454.1	1352195
A9P1-62-5-RM	62	5	24-30	Beryllium	0.59	-	mg/kg	482454.1	1352195
A9P1-62-6-RM	62	6	30-36	Beryllium	0.45	-	mg/kg	482454.1	1352195
A9P1-63-1-RM	63	1	0-6	Beryllium	0.17	-	mg/kg	482457	1352193
A9P1-63-2-RM	63	2	6-12	Beryllium	0.09	-	mg/kg	482457	1352193
A9P1-63-3-RM	63	3	12-18	Beryllium	1.05	-	mg/kg	482457	1352193
A9P1-63-4-RM	63	4	18-24	Beryllium	0.65	-	mg/kg	482457	1352193
A9P1-63-5-RM	63	5	24-30	Beryllium	0.23	-	mg/kg	482457	1352193
A9P1-63-6-RM	63	6	30-36	Beryllium	0.21	-	mg/kg	482457	1352193
A9P1-64-1-RM	64	1	0-6	Beryllium	0.26	-	mg/kg	481951	1352032
A9P1-64-2-RM	64	2	6-12	Beryllium	1.22	-	mg/kg	481951	1352032
A9P1-64-3-RM	64	3	12-18	Beryllium	0.62	-	mg/kg	481951	1352032
A9P1-64-4-RM	64	4	18-24	Beryllium	0.49	-	mg/kg	481951	1352032
A9P1-64-5-RM	64	5	24-30	Beryllium	0.4	-	mg/kg	481951	1352032
A9P1-64-6-RM	64	6	30-36	Beryllium	0.33	-	mg/kg	481951	1352032
A9P1-65-1-RM	65	1	0-6	Beryllium	0.2	-	mg/kg	481948	1352035
A9P1-65-2-RM	65	2	6-12	Beryllium	1.31	-	mg/kg	481948	1352035
A9P1-65-3-RM	65	3	12-18	Beryllium	0.34	-	mg/kg	481948	1352035
A9P1-65-4-RM	65	4	18-24	Beryllium	0.38	-	mg/kg	481948	1352035
A9P1-65-5-RM	65	5	24-30	Beryllium	0.36	-	mg/kg	481948	1352035
A9P1-65-6-RM	65	6	30-36	Beryllium	0.33	-	mg/kg	481948	1352035
A9P1-66-1-RM	66	1	0-6	Beryllium	0.14	-	mg/kg	481945.1	1352032
A9P1-66-2-RM	66	2	6-12	Beryllium	0.68	-	mg/kg	481945.1	1352032
A9P1-66-3-RM	66	3	12-18	Beryllium	0.54	-	mg/kg	481945.1	1352032
A9P1-66-4-RM	66	4	18-24	Beryllium	0.42	-	mg/kg	481945.1	1352032
A9P1-66-5-RM	66	5	24-30	Beryllium	0.18	-	mg/kg	481945.1	1352032
A9P1-66-6-RM	66	6	30-36	Beryllium	0.27	-	mg/kg	481945.1	1352032
A9P1-67-1-RM	67	1	0-6	Beryllium	0.04	-	mg/kg	481947.9	1352029
A9P1-67-2-RM	67	2	6-12	Beryllium	0.11	-	mg/kg	481947.9	1352029
A9P1-67-3-RM	67	3	12-18	Beryllium	0.3	-	mg/kg	481947.9	1352029
A9P1-67-4-RM	67	4	18-24	Beryllium	0.18	-	mg/kg	481947.9	1352029
A9P1-67-5-RM	67	5	24-30	Beryllium	0.38	-	mg/kg	481947.9	1352029

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-67-6-RM	67	6	30-36	Beryllium	0.38	-	mg/kg	481947.9	1352029
A9P1-28-1-RM	28	1	0-6	Lead	27.4	-	mg/kg	481040.8	1351882
A9P1-28-2-RM	28	2	6-12	Lead	29.1	-	mg/kg	481040.8	1351882
A9P1-28-3-RM	28	3	12-18	Lead	32.4	-	mg/kg	481040.8	1351882
A9P1-28-4-RM	28	4	18-24	Lead	27.1	-	mg/kg	481040.8	1351882
A9P1-28-5-RM	28	5	24-30	Lead	27.3	-	mg/kg	481040.8	1351882
A9P1-28-6-RM	28	6	30-36	Lead	33.5	-	mg/kg	481040.8	1351882
A9PI-P-1-1-M	01	1	0-6	Manganese	7600	J	mg/kg	483068.8	1352711
A9PI-P-1-2-RM	01	2	6-12	Manganese	1134	J	mg/kg	483068.8	1352711
A9PI-P-1-3-RM	01	3	12-18	Manganese	203	J	mg/kg	483068.8	1352711
A9PI-P-1-4-RM	01	4	18-24	Manganese	99	J	mg/kg	483068.8	1352711
A9PI-P-1-5-RM	01	5	24-30	Manganese	108	J	mg/kg	483068.8	1352711
A9PI-P-1-6-RM	01	6	30-36	Manganese	240	J	mg/kg	483068.8	1352711
A9PI-P-2-1-RM	02	1	0-6	Manganese	958	J	mg/kg	482697.1	1352339
A9PI-P-2-2-RM	02	2	6-12	Manganese	273	J	mg/kg	482697.1	1352339
A9PI-P-2-3-RM	02	3	12-18	Manganese	110	J	mg/kg	482697.1	1352339
A9PI-P-2-4-RM	02	4	18-24	Manganese	148	J	mg/kg	482697.1	1352339
A9PI-P-2-5-RM	02	5	24-30	Manganese	204	J	mg/kg	482697.1	1352339
A9PI-P-2-6-RM	02	6	30-36	Manganese	214	J	mg/kg	482697.1	1352339
A9PI-P-3-1-RM	03	1	0-6	Manganese	2180	J	mg/kg	482559	1351896
A9PI-P-3-2-RM	03	2	6-12	Manganese	373	J	mg/kg	482559	1351896
A9PI-P-3-3-RM	03	3	12-18	Manganese	1030	J	mg/kg	482559	1351896
A9PI-P-3-4-RM	03	4	18-24	Manganese	529	J	mg/kg	482559	1351896
A9PI-P-3-5-RM	03	5	24-30	Manganese	814	J	mg/kg	482559	1351896
A9PI-P-3-6-RM	03	6	30-36	Manganese	638	J	mg/kg	482559	1351896
A9PI-P-4-1-RM	04	1	0-6	Manganese	966	J	mg/kg	482253	1351912
A9PI-P-4-2-RM	04	2	6-12	Manganese	1480	J	mg/kg	482253	1351912
A9PI-P-4-3-RM	04	3	12-18	Manganese	423	J	mg/kg	482253	1351912
A9PI-P-4-4-RM	04	4	18-24	Manganese	1880	J	mg/kg	482253	1351912
A9PI-P-4-5-RM	04	5	24-30	Manganese	222	J	mg/kg	482253	1351912
A9PI-P-4-6-RM	04	6	30-36	Manganese	1220	J	mg/kg	482253	1351912
A9PI-P-5-1-RM	05	1	0-6	Manganese	623	J	mg/kg	481900.8	1352121
A9PI-P-5-2-RM	05	2	6-12	Manganese	801	J	mg/kg	481900.8	1352121
A9PI-P-5-3-RM	05	3	12-18	Manganese	249	J	mg/kg	481900.8	1352121
A9PI-P-5-4-RM	05	4	18-24	Manganese	838	J	mg/kg	481900.8	1352121
A9PI-P-5-5-RM	05	5	24-30	Manganese	555	J	mg/kg	481900.8	1352121
A9PI-P-5-6-RM	05	6	30-36	Manganese	422	J	mg/kg	481900.8	1352121
A9PI-P-6-1-RM	06	1	0-6	Manganese	308	J	mg/kg	481482.8	1352458
A9PI-P-6-2-RM	06	2	6-12	Manganese	206	J	mg/kg	481482.8	1352458
A9PI-P-6-3-RM	06	3	12-18	Manganese	358	J	mg/kg	481482.8	1352458
A9PI-P-6-4-RM	06	4	18-24	Manganese	450	J	mg/kg	481482.8	1352458
A9PI-P-6-5-RM	06	5	24-30	Manganese	774	J	mg/kg	481482.8	1352458
A9PI-P-6-6-RM	06	6	30-36	Manganese	434	J	mg/kg	481482.8	1352458
A9PI-P-7-1-RM	07	1	0-6	Manganese	736	J	mg/kg	481368	1351975
A9PI-P-7-2-RM	07	2	6-12	Manganese	7220	J	mg/kg	481368	1351975
A9PI-P-7-3-RM	07	3	12-18	Manganese	448	J	mg/kg	481368	1351975
A9PI-P-7-4-RM	07	4	18-24	Manganese	802	J	mg/kg	481368	1351975
A9PI-P-7-5-RM	07	5	24-30	Manganese	376	-	mg/kg	481368	1351975
A9PI-P-7-6-RM	07	6	30-36	Manganese	744	-	mg/kg	481368	1351975
A9PI-P-8-1-RM	08	1	0-6	Manganese	557	-	mg/kg	482944.9	1352082
A9PI-P-8-2-RM	08	2	6-12	Manganese	578	-	mg/kg	482944.9	1352082
A9PI-P-8-3-RM	08	3	12-18	Manganese	185	-	mg/kg	482944.9	1352082
A9PI-P-8-4-RM	08	4	18-24	Manganese	287	-	mg/kg	482944.9	1352082
A9PI-P-8-5-RM	08	5	24-30	Manganese	506	-	mg/kg	482944.9	1352082
A9PI-P-8-6-RM	08	6	30-36	Manganese	242	-	mg/kg	482944.9	1352082
A9PI-P-9-1-RM	09	1	0-6	Manganese	640	-	mg/kg	482669.1	1352062
A9PI-P-9-2-RM	09	2	6-12	Manganese	176	-	mg/kg	482669.1	1352062
A9PI-P-9-3-RM	09	3	12-18	Manganese	91.4	-	mg/kg	482669.1	1352062
A9PI-P-9-4-RM	09	4	18-24	Manganese	169	-	mg/kg	482669.1	1352062
A9PI-P-9-5-RM	09	5	24-30	Manganese	314	-	mg/kg	482669.1	1352062
A9PI-P-9-6-RM	09	6	30-36	Manganese	510	-	mg/kg	482669.1	1352062
A9PI-P-1-2-RM	01	2	6-12	Potassium-40	16	NV	pCi/g	483068.8	1352711
A9PI-P-1-3-RM	01	3	12-18	Potassium-40	17	NV	pCi/g	483068.8	1352711
A9PI-P-1-4-RM	01	4	18-24	Potassium-40	19	NV	pCi/g	483068.8	1352711

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9PI-P-1-5-RM	01	5	24-30	Potassium-40	24	NV	pCi/g	483068.8	1352711
A9PI-P-1-6-RM	01	6	30-36	Potassium-40	30	NV	pCi/g	483068.8	1352711
A9PI-P-2-1-RM	02	1	0-6	Potassium-40	16	NV	pCi/g	482697.1	1352339
A9PI-P-2-2-RM	02	2	6-12	Potassium-40	15	NV	pCi/g	482697.1	1352339
A9PI-P-2-3-RM	02	3	12-18	Potassium-40	18	NV	pCi/g	482697.1	1352339
A9PI-P-2-4-RM	02	4	18-24	Potassium-40	18	NV	pCi/g	482697.1	1352339
A9PI-P-2-5-RM	02	5	24-30	Potassium-40	17	NV	pCi/g	482697.1	1352339
A9PI-P-2-6-RM	02	6	30-36	Potassium-40	23	NV	pCi/g	482697.1	1352339
A9PI-P-3-1-RM	03	1	0-6	Potassium-40	17	NV	pCi/g	482559	1351896
A9PI-P-3-2-RM	03	2	6-12	Potassium-40	15	NV	pCi/g	482559	1351896
A9PI-P-3-3-RM	03	3	12-18	Potassium-40	19	NV	pCi/g	482559	1351896
A9PI-P-3-4-RM	03	4	18-24	Potassium-40	18	NV	pCi/g	482559	1351896
A9PI-P-3-5-RM	03	5	24-30	Potassium-40	17	NV	pCi/g	482559	1351896
A9PI-P-3-6-RM	03	6	30-36	Potassium-40	20	NV	pCi/g	482559	1351896
A9PI-P-4-1-RM	04	1	0-6	Potassium-40	16	NV	pCi/g	482253	1351912
A9PI-P-4-2-RM	04	2	6-12	Potassium-40	17	NV	pCi/g	482253	1351912
A9PI-P-4-3-RM	04	3	12-18	Potassium-40	18.21	-	pCi/g	482253	1351912
A9PI-P-4-4-RM	04	4	18-24	Potassium-40	16.29	-	pCi/g	482253	1351912
A9PI-P-4-5-RM	04	5	24-30	Potassium-40	19.65	-	pCi/g	482253	1351912
A9PI-P-4-6-RM	04	6	30-36	Potassium-40	23.57	-	pCi/g	482253	1351912
A9PI-P-5-1-RM	05	1	0-6	Potassium-40	15.44	-	pCi/g	481900.8	1352121
A9PI-P-5-2-RM	05	2	6-12	Potassium-40	13.85	-	pCi/g	481900.8	1352121
A9PI-P-5-3-RM	05	3	12-18	Potassium-40	20.84	-	pCi/g	481900.8	1352121
A9PI-P-5-4-RM	05	4	18-24	Potassium-40	18.98	-	pCi/g	481900.8	1352121
A9PI-P-5-5-RM	05	5	24-30	Potassium-40	17.25	-	pCi/g	481900.8	1352121
A9PI-P-5-6-RM	05	6	30-36	Potassium-40	17.83	-	pCi/g	481900.8	1352121
A9PI-P-6-1-RM	06	1	0-6	Potassium-40	18.24	-	pCi/g	481482.8	1352458
A9PI-P-6-2-RM	06	2	6-12	Potassium-40	17.25	-	pCi/g	481482.8	1352458
A9PI-P-6-3-RM	06	3	12-18	Potassium-40	21.55	-	pCi/g	481482.8	1352458
A9PI-P-6-4-RM	06	4	18-24	Potassium-40	22.85	-	pCi/g	481482.8	1352458
A9PI-P-6-5-RM	06	5	24-30	Potassium-40	21.96	-	pCi/g	481482.8	1352458
A9PI-P-6-6-RM	06	6	30-36	Potassium-40	27.18	-	pCi/g	481482.8	1352458
A9PI-P-7-1-RM	07	1	0-6	Potassium-40	18.23	-	pCi/g	481368	1351975
A9PI-P-7-2-RM	07	2	6-12	Potassium-40	17.12	-	pCi/g	481368	1351975
A9PI-P-7-3-RM	07	3	12-18	Potassium-40	24.66	-	pCi/g	481368	1351975
A9PI-P-7-4-RM	07	4	18-24	Potassium-40	26.08	-	pCi/g	481368	1351975
A9PI-P-7-5-RM	07	5	24-30	Potassium-40	20.86	-	pCi/g	481368	1351975
A9PI-P-7-6-RM	07	6	30-36	Potassium-40	19.68	-	pCi/g	481368	1351975
A9PI-P-8-1-RM	08	1	0-6	Potassium-40	14.81	-	pCi/g	482944.9	1352082
A9PI-P-8-2-RM	08	2	6-12	Potassium-40	17.27	-	pCi/g	482944.9	1352082
A9PI-P-8-3-RM	08	3	12-18	Potassium-40	18.14	-	pCi/g	482944.9	1352082
A9PI-P-8-4-RM	08	4	18-24	Potassium-40	17.27	-	pCi/g	482944.9	1352082
A9PI-P-8-5-RM	08	5	24-30	Potassium-40	23.18	-	pCi/g	482944.9	1352082
A9PI-P-8-6-RM	08	6	30-36	Potassium-40	25.03	-	pCi/g	482944.9	1352082
A9PI-P-9-1-RM	09	1	0-6	Potassium-40	14.04	-	pCi/g	482669.1	1352062
A9PI-P-9-2-RM	09	2	6-12	Potassium-40	16.68	-	pCi/g	482669.1	1352062
A9PI-P-9-3-RM	09	3	12-18	Potassium-40	17.78	-	pCi/g	482669.1	1352062
A9PI-P-9-4-RM	09	4	18-24	Potassium-40	16.91	-	pCi/g	482669.1	1352062
A9PI-P-9-5-RM	09	5	24-30	Potassium-40	21.43	-	pCi/g	482669.1	1352062
A9PI-P-9-6-RM	09	6	30-36	Potassium-40	22.47	-	pCi/g	482669.1	1352062
A9PI-P-1-1-R	01	1	0-6	Radium-226	1.326	-	pCi/g	483068.8	1352711
A9PI-P-1-2-RM	01	2	6-12	Radium-226	1.266	-	pCi/g	483068.8	1352711
A9PI-P-1-3-RM	01	3	12-18	Radium-226	1.298	-	pCi/g	483068.8	1352711
A9PI-P-1-4-RM	01	4	18-24	Radium-226	1.509	-	pCi/g	483068.8	1352711
A9PI-P-1-5-RM	01	5	24-30	Radium-226	1.65	-	pCi/g	483068.8	1352711
A9PI-P-1-6-RM	01	6	30-36	Radium-226	1.503	-	pCi/g	483068.8	1352711
A9PI-P-2-1-RM	02	1	0-6	Radium-226	1.386	-	pCi/g	482697.1	1352339
A9PI-P-2-2-RM	02	2	6-12	Radium-226	1.371	-	pCi/g	482697.1	1352339
A9PI-P-2-3-RM	02	3	12-18	Radium-226	1.407	-	pCi/g	482697.1	1352339
A9PI-P-2-4-RM	02	4	18-24	Radium-226	1.489	-	pCi/g	482697.1	1352339
A9PI-P-2-5-RM	02	5	24-30	Radium-226	1.558	-	pCi/g	482697.1	1352339
A9PI-P-2-6-RM	02	6	30-36	Radium-226	1.415	-	pCi/g	482697.1	1352339
A9PI-P-3-1-RM	03	1	0-6	Radium-226	1.262	-	pCi/g	482559	1351896
A9PI-P-3-2-RM	03	2	6-12	Radium-226	1.299	-	pCi/g	482559	1351896

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9PI-P-3-3-RM	03	3	12-18	Radium-226	1.318	-	pCi/g	482559	1351896
A9PI-P-3-4-RM	03	4	18-24	Radium-226	1.426	-	pCi/g	482559	1351896
A9PI-P-3-5-RM	03	5	24-30	Radium-226	1.542	-	pCi/g	482559	1351896
A9PI-P-3-6-RM	03	6	30-36	Radium-226	1.418	-	pCi/g	482559	1351896
A9PI-P-4-1-RM	04	1	0-6	Radium-226	1.246	-	pCi/g	482253	1351912
A9PI-P-4-2-RM	04	2	6-12	Radium-226	1.328	-	pCi/g	482253	1351912
A9PI-P-4-3-RM	04	3	12-18	Radium-226	1.443	-	pCi/g	482253	1351912
A9PI-P-4-4-RM	04	4	18-24	Radium-226	1.667	-	pCi/g	482253	1351912
A9PI-P-4-5-RM	04	5	24-30	Radium-226	1.555	-	pCi/g	482253	1351912
A9PI-P-4-6-RM	04	6	30-36	Radium-226	1.232	-	pCi/g	482253	1351912
A9PI-P-5-1-RM	05	1	0-6	Radium-226	1.422	-	pCi/g	481900.8	1352121
A9PI-P-5-2-RM	05	2	6-12	Radium-226	1.387	-	pCi/g	481900.8	1352121
A9PI-P-5-3-RM	05	3	12-18	Radium-226	1.437	-	pCi/g	481900.8	1352121
A9PI-P-5-4-RM	05	4	18-24	Radium-226	1.295	-	pCi/g	481900.8	1352121
A9PI-P-5-5-RM	05	5	24-30	Radium-226	1.236	-	pCi/g	481900.8	1352121
A9PI-P-5-6-RM	05	6	30-36	Radium-226	0.888	-	pCi/g	481900.8	1352121
A9PI-P-6-1-RM	06	1	0-6	Radium-226	1.167	-	pCi/g	481482.8	1352458
A9PI-P-6-2-RM	06	2	6-12	Radium-226	1.45	-	pCi/g	481482.8	1352458
A9PI-P-6-3-RM	06	3	12-18	Radium-226	1.5	-	pCi/g	481482.8	1352458
A9PI-P-6-4-RM	06	4	18-24	Radium-226	1.489	-	pCi/g	481482.8	1352458
A9PI-P-6-5-RM	06	5	24-30	Radium-226	1.516	-	pCi/g	481482.8	1352458
A9PI-P-6-6-RM	06	6	30-36	Radium-226	1.397	-	pCi/g	481482.8	1352458
A9PI-P-7-1-RM	07	1	0-6	Radium-226	1.349	-	pCi/g	481368	1351975
A9PI-P-7-2-RM	07	2	6-12	Radium-226	1.498	-	pCi/g	481368	1351975
A9PI-P-7-3-RM	07	3	12-18	Radium-226	1.538	-	pCi/g	481368	1351975
A9PI-P-7-4-RM	07	4	18-24	Radium-226	1.145	-	pCi/g	481368	1351975
A9PI-P-7-5-RM	07	5	24-30	Radium-226	0.926	-	pCi/g	481368	1351975
A9PI-P-7-6-RM	07	6	30-36	Radium-226	0.906	-	pCi/g	481368	1351975
A9PI-P-8-1-RM	08	1	0-6	Radium-226	1.194	-	pCi/g	482944.9	1352082
A9PI-P-8-2-RM	08	2	6-12	Radium-226	1.254	-	pCi/g	482944.9	1352082
A9PI-P-8-3-RM	08	3	12-18	Radium-226	1.336	-	pCi/g	482944.9	1352082
A9PI-P-8-4-RM	08	4	18-24	Radium-226	1.627	-	pCi/g	482944.9	1352082
A9PI-P-8-5-RM	08	5	24-30	Radium-226	1.603	-	pCi/g	482944.9	1352082
A9PI-P-8-6-RM	08	6	30-36	Radium-226	1.394	-	pCi/g	482944.9	1352082
A9PI-P-9-1-RM	09	1	0-6	Radium-226	1.091	-	pCi/g	482669.1	1352062
A9PI-P-9-2-RM	09	2	6-12	Radium-226	1.446	-	pCi/g	482669.1	1352062
A9PI-P-9-3-RM	09	3	12-18	Radium-226	1.48	-	pCi/g	482669.1	1352062
A9PI-P-9-4-RM	09	4	18-24	Radium-226	1.504	-	pCi/g	482669.1	1352062
A9PI-P-9-5-RM	09	5	24-30	Radium-226	1.347	-	pCi/g	482669.1	1352062
A9PI-P-9-6-RM	09	6	30-36	Radium-226	1.274	-	pCi/g	482669.1	1352062
A9P1-10-1-RM	10	1	0-6	Radium-226	1.182	-	pCi/g	482545.5	1352061
A9P1-10-2-RM	10	2	6-12	Radium-226	1.182	-	pCi/g	482545.5	1352061
A9P1-10-3-RM	10	3	12-18	Radium-226	1.69	-	pCi/g	482545.5	1352061
A9P1-10-4-RM	10	4	18-24	Radium-226	1.6	-	pCi/g	482545.5	1352061
A9P1-10-5-RM	10	5	24-30	Radium-226	1.564	-	pCi/g	482545.5	1352061
A9P1-10-6-RM	10	6	30-36	Radium-226	1.376	-	pCi/g	482545.5	1352061
A9P1-11-1-RM	11	1	0-6	Radium-226	1.166	-	pCi/g	481617.4	1351868
A9P1-11-2-RM	11	2	6-12	Radium-226	1.123	-	pCi/g	481617.4	1351868
A9P1-11-3-RM	11	3	12-18	Radium-226	1.283	-	pCi/g	481617.4	1351868
A9P1-11-4-RM	11	4	18-24	Radium-226	1.43	-	pCi/g	481617.4	1351868
A9P1-11-5-RM	11	5	24-30	Radium-226	1.141	-	pCi/g	481617.4	1351868
A9P1-11-6-RM	11	6	30-36	Radium-226	1.324	-	pCi/g	481617.4	1351868
A9P1-12-1-RM	12	1	0-6	Radium-226	1.123	-	pCi/g	481947.8	1352032
A9P1-12-1-RM-D	12	1	0-6	Radium-226	1.2	-	pCi/g	481947.8	1352032
A9P1-12-1-R-S	12	1	0-6	Radium-226	1.287	J	pCi/g	481947.8	1352032
A9P1-12-2-RM	12	2	6-12	Radium-226	1.352	-	pCi/g	481947.8	1352032
A9P1-12-2-RM-D	12	2	6-12	Radium-226	1.317	-	pCi/g	481947.8	1352032
A9P1-12-2-R-S	12	2	6-12	Radium-226	1.361	J	pCi/g	481947.8	1352032
A9P1-12-3-RM-D	12	3	12-18	Radium-226	1.638	-	pCi/g	481947.8	1352032
A9P1-12-3-RM	12	3	12-18	Radium-226	1.688	-	pCi/g	481947.8	1352032
A9P1-12-3-R-S	12	3	12-18	Radium-226	1.273	J	pCi/g	481947.8	1352032
A9P1-12-4-R-S	12	4	18-24	Radium-226	1.556	J	pCi/g	481947.8	1352032
A9P1-12-4-RM-D	12	4	18-24	Radium-226	1.045	J	pCi/g	481947.8	1352032
A9P1-12-4-RM	12	4	18-24	Radium-226	1.245	J	pCi/g	481947.8	1352032

3452

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-12-5-RM-D	12	5	24-30	Radium-226	0.88	-	pCi/g	481947.8	1352032
A9P1-12-5-RM	12	5	24-30	Radium-226	0.928	-	pCi/g	481947.8	1352032
A9P1-12-5-R-S	12	5	24-30	Radium-226	1.132	J	pCi/g	481947.8	1352032
A9P1-12-6-RM-D	12	6	30-36	Radium-226	0.921	-	pCi/g	481947.8	1352032
A9P1-12-6-RM	12	6	30-36	Radium-226	0.871	-	pCi/g	481947.8	1352032
A9P1-12-6-R-S	12	6	30-36	Radium-226	0.949	J	pCi/g	481947.8	1352032
A9P1-13-1-RM	13	1	0-6	Radium-226	1.234	-	pCi/g	481928.1	1351874
A9P1-13-2-RM	13	2	6-12	Radium-226	1.372	-	pCi/g	481928.1	1351874
A9P1-13-3-RM	13	3	12-18	Radium-226	1.466	-	pCi/g	481928.1	1351874
A9P1-13-4-RM	13	4	18-24	Radium-226	1.431	-	pCi/g	481928.1	1351874
A9P1-13-5-RM	13	5	24-30	Radium-226	1.547	-	pCi/g	481928.1	1351874
A9P1-13-6-RM	13	6	30-36	Radium-226	1.53	-	pCi/g	481928.1	1351874
A9P1-14-1-RM	14	1	0-6	Radium-226	1.2	-	pCi/g	482260.1	1352135
A9P1-14-2-RM	14	2	6-12	Radium-226	1.391	-	pCi/g	482260.1	1352135
A9P1-14-3-RM	14	3	12-18	Radium-226	1.497	-	pCi/g	482260.1	1352135
A9P1-14-4-RM	14	4	18-24	Radium-226	1.503	-	pCi/g	482260.1	1352135
A9P1-14-5-RM	14	5	24-30	Radium-226	0.916	-	pCi/g	482260.1	1352135
A9P1-14-6-RM	14	6	30-36	Radium-226	0.931	-	pCi/g	482260.1	1352135
A9P1-15-1-RM	15	1	0-6	Radium-226	1.276	-	pCi/g	482457	1352195
A9P1-15-2-RM	15	2	6-12	Radium-226	1.105	-	pCi/g	482457	1352195
A9P1-15-3-RM	15	3	12-18	Radium-226	1.342	-	pCi/g	482457	1352195
A9P1-15-4-RM	15	4	18-24	Radium-226	1.535	-	pCi/g	482457	1352195
A9P1-15-5-RM	15	5	24-30	Radium-226	1.615	-	pCi/g	482457	1352195
A9P1-15-6-RM	15	6	30-36	Radium-226	1.243	-	pCi/g	482457	1352195
A9P1-16-1-RM	16	1	0-6	Radium-226	1.314	-	pCi/g	482659	1352226
A9P1-16-2-RM	16	2	6-12	Radium-226	1.314	-	pCi/g	482659	1352226
A9P1-16-3-RM	16	3	12-18	Radium-226	1.532	-	pCi/g	482659	1352226
A9P1-16-4-RM	16	4	18-24	Radium-226	1.605	-	pCi/g	482659	1352226
A9P1-16-5-RM	16	5	24-30	Radium-226	1.587	-	pCi/g	482659	1352226
A9P1-16-6-RM	16	6	30-36	Radium-226	1.01	-	pCi/g	482659	1352226
A9P1-17-1-RM	17	1	0-6	Radium-226	1.291	-	pCi/g	482858.6	1352235
A9P1-17-2-RM	17	2	6-12	Radium-226	1.186	-	pCi/g	482858.6	1352235
A9P1-17-3-RM	17	3	12-18	Radium-226	1.415	-	pCi/g	482858.6	1352235
A9P1-17-4-RM	17	4	18-24	Radium-226	1.611	-	pCi/g	482858.6	1352235
A9P1-17-5-RM	17	5	24-30	Radium-226	1.569	-	pCi/g	482858.6	1352235
A9P1-17-6-RM	17	6	30-36	Radium-226	1.063	-	pCi/g	482858.6	1352235
A9P1-18-1-RM	18	1	0-6	Radium-226	1.27	-	pCi/g	483050.6	1352194
A9P1-18-2-RM	18	2	6-12	Radium-226	1.36	-	pCi/g	483050.6	1352194
A9P1-18-3-RM	18	3	12-18	Radium-226	1.624	-	pCi/g	483050.6	1352194
A9P1-18-4-RM	18	4	18-24	Radium-226	1.535	-	pCi/g	483050.6	1352194
A9P1-18-5-RM	18	5	24-30	Radium-226	1.613	-	pCi/g	483050.6	1352194
A9P1-18-6-RM	18	6	30-36	Radium-226	1.306	-	pCi/g	483050.6	1352194
A9P1-19-1-RM	19	1	0-6	Radium-226	1.221	-	pCi/g	483202.3	1352071
A9P1-19-2-RM	19	2	6-12	Radium-226	1.262	-	pCi/g	483202.3	1352071
A9P1-19-3-RM	19	3	12-18	Radium-226	1.428	-	pCi/g	483202.3	1352071
A9P1-19-4-RM	19	4	18-24	Radium-226	1.485	-	pCi/g	483202.3	1352071
A9P1-19-5-RM	19	5	24-30	Radium-226	1.447	-	pCi/g	483202.3	1352071
A9P1-19-6-RM	19	6	30-36	Radium-226	0.948	-	pCi/g	483202.3	1352071
A9P1-20-1-RM	20	1	0-6	Radium-226	1.148	-	pCi/g	483319.2	1352135
A9P1-20-2-RM	20	2	6-12	Radium-226	1.304	-	pCi/g	483319.2	1352135
A9P1-20-3-RM	20	3	12-18	Radium-226	1.544	-	pCi/g	483319.2	1352135
A9P1-20-4-RM	20	4	18-24	Radium-226	1.75	-	pCi/g	483319.2	1352135
A9P1-20-5-RM	20	5	24-30	Radium-226	1.265	-	pCi/g	483319.2	1352135
A9P1-20-6-RM	20	6	30-36	Radium-226	1.03	-	pCi/g	483319.2	1352135
A9P1-21-1-RM	21	1	0-6	Radium-226	1.343	-	pCi/g	483309.2	1352267
A9P1-21-2-RM	21	2	6-12	Radium-226	1.475	-	pCi/g	483309.2	1352267
A9P1-21-3-RM	21	3	12-18	Radium-226	1.289	-	pCi/g	483309.2	1352267
A9P1-21-4-RM	21	4	18-24	Radium-226	1.532	-	pCi/g	483309.2	1352267
A9P1-21-5-RM	21	5	24-30	Radium-226	1.427	-	pCi/g	483309.2	1352267
A9P1-21-6-RM	21	6	30-36	Radium-226	1.201	-	pCi/g	483309.2	1352267
A9P1-22-1-RM	22	1	0-6	Radium-226	1.21	-	pCi/g	483177.2	1352765
A9P1-22-2-RM	22	2	6-12	Radium-226	1.283	-	pCi/g	483177.2	1352765
A9P1-22-3-RM	22	3	12-18	Radium-226	1.375	-	pCi/g	483177.2	1352765
A9P1-22-4-RM	22	4	18-24	Radium-226	1.59	-	pCi/g	483177.2	1352765

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-22-5-RM	22	5	24-30	Radium-226	1.755	-	pCi/g	483177.2	1352765
A9P1-22-6-RM	22	6	30-36	Radium-226	1.46	-	pCi/g	483177.2	1352765
A9P1-23-1-RM	23	1	0-6	Radium-226	1.289	-	pCi/g	482889.5	1352655
A9P1-23-2-RM	23	2	6-12	Radium-226	1.338	-	pCi/g	482889.5	1352655
A9P1-23-3-RM	23	3	12-18	Radium-226	1.386	-	pCi/g	482889.5	1352655
A9P1-23-4-RM	23	4	18-24	Radium-226	1.762	-	pCi/g	482889.5	1352655
A9P1-23-5-RM	23	5	24-30	Radium-226	1.827	-	pCi/g	482889.5	1352655
A9P1-23-6-RM	23	6	30-36	Radium-226	1.365	-	pCi/g	482889.5	1352655
A9P1-24-1-RM	24	1	0-6	Radium-226	1.414	-	pCi/g	482400.6	1352584
A9P1-24-2-RM	24	2	6-12	Radium-226	1.479	-	pCi/g	482400.6	1352584
A9P1-24-3-RM	24	3	12-18	Radium-226	1.369	-	pCi/g	482400.6	1352584
A9P1-24-4-RM	24	4	18-24	Radium-226	1.515	-	pCi/g	482400.6	1352584
A9P1-24-5-RM	24	5	24-30	Radium-226	1.401	-	pCi/g	482400.6	1352584
A9P1-24-6-RM	24	6	30-36	Radium-226	1.18	-	pCi/g	482400.6	1352584
A9P1-25-1-RM	25	1	0-6	Radium-226	1.184	-	pCi/g	482006.7	1352544
A9P1-25-2-RM	25	2	6-12	Radium-226	1.268	-	pCi/g	482006.7	1352544
A9P1-25-3-RM	25	3	12-18	Radium-226	1.397	-	pCi/g	482006.7	1352544
A9P1-25-4-RM	25	4	18-24	Radium-226	1.629	-	pCi/g	482006.7	1352544
A9P1-25-5-RM	25	5	24-30	Radium-226	1.55	-	pCi/g	482006.7	1352544
A9P1-25-6-RM	25	6	30-36	Radium-226	1.136	-	pCi/g	482006.7	1352544
A9P1-26-1-RM	26	1	0-6	Radium-226	1.001	-	pCi/g	481748.5	1352486
A9P1-26-2-RM	26	2	6-12	Radium-226	1.258	-	pCi/g	481748.5	1352486
A9P1-26-3-RM	26	3	12-18	Radium-226	1.461	-	pCi/g	481748.5	1352486
A9P1-26-4-RM	26	4	18-24	Radium-226	1.622	-	pCi/g	481748.5	1352486
A9P1-26-5-RM	26	5	24-30	Radium-226	1.575	-	pCi/g	481748.5	1352486
A9P1-26-6-RM	26	6	30-36	Radium-226	1.12	-	pCi/g	481748.5	1352486
A9P1-27-1-RM	27	1	0-6	Radium-226	1.407	-	pCi/g	481391.1	1352541
A9P1-27-2-RM	27	2	6-12	Radium-226	1.302	-	pCi/g	481391.1	1352541
A9P1-27-3-RM	27	3	12-18	Radium-226	1.422	-	pCi/g	481391.1	1352541
A9P1-27-4-RM	27	4	18-24	Radium-226	1.141	-	pCi/g	481391.1	1352541
A9P1-27-5-RM	27	5	24-30	Radium-226	0.902	-	pCi/g	481391.1	1352541
A9P1-27-6-RM	27	6	30-36	Radium-226	0.918	-	pCi/g	481391.1	1352541
A9P1-28-1-RM	28	1	0-6	Radium-226	1.226	J	pCi/g	481040.8	1351882
A9P1-28-2-RM	28	2	6-12	Radium-226	1.34	-	pCi/g	481040.8	1351882
A9P1-28-3-RM	28	3	12-18	Radium-226	1.247	-	pCi/g	481040.8	1351882
A9P1-28-4-RM	28	4	18-24	Radium-226	1.386	-	pCi/g	481040.8	1351882
A9P1-28-5-RM	28	5	24-30	Radium-226	1.447	-	pCi/g	481040.8	1351882
A9P1-28-6-RM	28	6	30-36	Radium-226	1.619	-	pCi/g	481040.8	1351882
A9P1-29-1-RM	29	1	0-6	Radium-226	1.209	-	pCi/g	481378.8	1352165
A9P1-29-2-RM	29	2	6-12	Radium-226	1.272	-	pCi/g	481378.8	1352165
A9P1-29-3-RM	29	3	12-18	Radium-226	1.487	-	pCi/g	481378.8	1352165
A9P1-29-4-RM	29	4	18-24	Radium-226	1.379	-	pCi/g	481378.8	1352165
A9P1-29-5-RM	29	5	24-30	Radium-226	0.874	-	pCi/g	481378.8	1352165
A9P1-29-6-RM	29	6	30-36	Radium-226	0.846	-	pCi/g	481378.8	1352165
A9P1-30-1-RM	30	1	0-6	Radium-226	1.281	-	pCi/g	482269.7	1352285
A9P1-30-2-RM	30	2	6-12	Radium-226	1.352	-	pCi/g	482269.7	1352285
A9P1-30-3-RM	30	3	12-18	Radium-226	1.481	-	pCi/g	482269.7	1352285
A9P1-30-4-RM	30	4	18-24	Radium-226	1.665	-	pCi/g	482269.7	1352285
A9P1-30-5-RM	30	5	24-30	Radium-226	1.163	-	pCi/g	482269.7	1352285
A9P1-30-6-RM	30	6	30-36	Radium-226	1.256	-	pCi/g	482269.7	1352285
A9P1-31-1-RM	31	1	0-6	Radium-226	1.333	-	pCi/g	481711.3	1352217
A9P1-31-2-RM	31	2	6-12	Radium-226	1.219	-	pCi/g	481711.3	1352217
A9P1-31-3-RM	31	3	12-18	Radium-226	1.228	-	pCi/g	481711.3	1352217
A9P1-31-4-RM	31	4	18-24	Radium-226	1.583	-	pCi/g	481711.3	1352217
A9P1-31-5-RM	31	5	24-30	Radium-226	1.685	-	pCi/g	481711.3	1352217
A9P1-31-6-RM	31	6	30-36	Radium-226	1.623	-	pCi/g	481711.3	1352217
A9P1-32-1-RM	32	1	0-6	Radium-226	1.263	-	pCi/g	482011.3	1352288
A9P1-32-2-RM	32	2	6-12	Radium-226	1.303	-	pCi/g	482011.3	1352288
A9P1-32-3-RM	32	3	12-18	Radium-226	1.396	-	pCi/g	482011.3	1352288
A9P1-32-4-RM	32	4	18-24	Radium-226	1.534	-	pCi/g	482011.3	1352288
A9P1-32-5-RM	32	5	24-30	Radium-226	1.517	-	pCi/g	482011.3	1352288
A9P1-32-6-RM	32	6	30-36	Radium-226	1.331	-	pCi/g	482011.3	1352288
A9P1-33-1-RM	33	1	0-6	Radium-226	1.362	-	pCi/g	482337.3	1352410
A9P1-33-2-RM	33	2	6-12	Radium-226	1.431	-	pCi/g	482337.3	1352410

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-33-3-RM	33	3	12-18	Radium-226	1.6	-	pCi/g	482337.3	1352410
A9P1-33-4-RM	33	4	18-24	Radium-226	1.569	-	pCi/g	482337.3	1352410
A9P1-33-5-RM	33	5	24-30	Radium-226	1.637	-	pCi/g	482337.3	1352410
A9P1-33-6-RM	33	6	30-36	Radium-226	1.616	-	pCi/g	482337.3	1352410
A9P1-34-1-RM	34	1	0-6	Radium-226	1.286	-	pCi/g	482915.1	1352391
A9P1-34-2-RM	34	2	6-12	Radium-226	1.331	-	pCi/g	482915.1	1352391
A9P1-34-3-RM	34	3	12-18	Radium-226	1.423	-	pCi/g	482915.1	1352391
A9P1-34-4-RM	34	4	18-24	Radium-226	1.576	-	pCi/g	482915.1	1352391
A9P1-34-5-RM	34	5	24-30	Radium-226	1.378	-	pCi/g	482915.1	1352391
A9P1-34-6-RM	34	6	30-36	Radium-226	1.069	-	pCi/g	482915.1	1352391
A9P1-35-1-RM	35	1	0-6	Radium-226	1.411	-	pCi/g	483153.8	1352337
A9P1-35-2-RM	35	2	6-12	Radium-226	1.29	-	pCi/g	483153.8	1352337
A9P1-35-3-RM	35	3	12-18	Radium-226	1.558	-	pCi/g	483153.8	1352337
A9P1-35-4-RM	35	4	18-24	Radium-226	1.44	-	pCi/g	483153.8	1352337
A9P1-35-5-RM	35	5	24-30	Radium-226	1.601	-	pCi/g	483153.8	1352337
A9P1-35-6-RM	35	6	30-36	Radium-226	1.98	-	pCi/g	483153.8	1352337
A9P1-36-1-RM	36	1	0-6	Radium-226	1.178	-	pCi/g	482127.6	1351933
A9P1-36-2-RM	36	2	6-12	Radium-226	1.297	-	pCi/g	482127.6	1351933
A9P1-36-3-RM	36	3	12-18	Radium-226	1.478	-	pCi/g	482127.6	1351933
A9P1-36-4-RM	36	4	18-24	Radium-226	1.727	-	pCi/g	482127.6	1351933
A9P1-36-5-RM	36	5	24-30	Radium-226	1.648	-	pCi/g	482127.6	1351933
A9P1-36-6-RM	36	6	30-36	Radium-226	1.485	-	pCi/g	482127.6	1351933
A9P1-37-1-RM	37	1	0-6	Radium-226	1.413	-	pCi/g	482421.4	1351936
A9P1-37-2-RM	37	2	6-12	Radium-226	1.396	-	pCi/g	482421.4	1351936
A9P1-37-3-RM	37	3	12-18	Radium-226	1.614	-	pCi/g	482421.4	1351936
A9P1-37-4-RM	37	4	18-24	Radium-226	1.575	-	pCi/g	482421.4	1351936
A9P1-37-5-RM	37	5	24-30	Radium-226	1.362	-	pCi/g	482421.4	1351936
A9P1-37-6-RM	37	6	30-36	Radium-226	1.216	-	pCi/g	482421.4	1351936
A9P1-38-1-RM	38	1	0-6	Radium-226	1.213	-	pCi/g	482811.8	1352088
A9P1-38-2-RM	38	2	6-12	Radium-226	1.248	-	pCi/g	482811.8	1352088
A9P1-38-3-RM	38	3	12-18	Radium-226	1.555	-	pCi/g	482811.8	1352088
A9P1-38-4-RM	38	4	18-24	Radium-226	1.416	-	pCi/g	482811.8	1352088
A9P1-38-5-RM	38	5	24-30	Radium-226	1.046	-	pCi/g	482811.8	1352088
A9P1-38-6-RM	38	6	30-36	Radium-226	0.966	-	pCi/g	482811.8	1352088
A9P1-39-1-RM	39	1	0-6	Radium-226	1.225	-	pCi/g	483063.7	1352114
A9P1-39-2-RM	39	2	6-12	Radium-226	1.308	-	pCi/g	483063.7	1352114
A9P1-39-3-RM	39	3	12-18	Radium-226	1.596	-	pCi/g	483063.7	1352114
A9P1-39-4-RM	39	4	18-24	Radium-226	1.563	-	pCi/g	483063.7	1352114
A9P1-39-5-RM	39	5	24-30	Radium-226	1.331	-	pCi/g	483063.7	1352114
A9P1-39-6-RM	39	6	30-36	Radium-226	0.795	-	pCi/g	483063.7	1352114
A9P1-40-1-RM	40	1	0-6	Radium-226	1.287	-	pCi/g	483176	1352541
A9P1-40-2-RM	40	2	6-12	Radium-226	1.429	-	pCi/g	483176	1352541
A9P1-40-3-RM	40	3	12-18	Radium-226	1.618	-	pCi/g	483176	1352541
A9P1-40-4-RM	40	4	18-24	Radium-226	1.691	-	pCi/g	483176	1352541
A9P1-40-5-RM	40	5	24-30	Radium-226	1.325	-	pCi/g	483176	1352541
A9P1-40-6-RM	40	6	30-36	Radium-226	1.3	-	pCi/g	483176	1352541
A9P1-41-1-RM	41	1	0-6	Radium-226	1.422	-	pCi/g	482567.1	1352330
A9P1-41-2-RM	41	2	6-12	Radium-226	1.404	-	pCi/g	482567.1	1352330
A9P1-41-3-RM	41	3	12-18	Radium-226	1.414	-	pCi/g	482567.1	1352330
A9P1-41-4-RM	41	4	18-24	Radium-226	1.43	-	pCi/g	482567.1	1352330
A9P1-41-5-RM	41	5	24-30	Radium-226	1.417	-	pCi/g	482567.1	1352330
A9P1-41-6-RM	41	6	30-36	Radium-226	1.682	-	pCi/g	482567.1	1352330
A9P1-42-1-RM	42	1	0-6	Radium-226	0.803	-	pCi/g	482385.6	1352056
A9P1-42-2-RM	42	2	6-12	Radium-226	1.576	-	pCi/g	482385.6	1352056
A9P1-42-3-RM	42	3	12-18	Radium-226	1.235	-	pCi/g	482385.6	1352056
A9P1-42-4-RM	42	4	18-24	Radium-226	1.53	-	pCi/g	482385.6	1352056
A9P1-42-5-RM	42	5	24-30	Radium-226	1.204	-	pCi/g	482385.6	1352056
A9P1-42-6-RM	42	6	30-36	Radium-226	1.211	-	pCi/g	482385.6	1352056
A9P1-43-1-RM	43	1	0-6	Radium-226	1.218	-	pCi/g	481623.1	1352042
A9P1-43-2-RM	43	2	6-12	Radium-226	1.163	-	pCi/g	481623.1	1352042
A9P1-43-3-RM	43	3	12-18	Radium-226	1.517	-	pCi/g	481623.1	1352042
A9P1-43-4-RM	43	4	18-24	Radium-226	1.411	-	pCi/g	481623.1	1352042
A9P1-43-5-RM	43	5	24-30	Radium-226	1.008	-	pCi/g	481623.1	1352042
A9P1-43-6-RM	43	6	30-36	Radium-226	0.882	-	pCi/g	481623.1	1352042

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-44-1-RM	44	1	0-6	Radium-226	1.289	-	pCi/g	481041.4	1352031
A9P1-44-2-RM	44	2	6-12	Radium-226	1.395	-	pCi/g	481041.4	1352031
A9P1-44-3-RM	44	3	12-18	Radium-226	1.412	-	pCi/g	481041.4	1352031
A9P1-44-4-RM	44	4	18-24	Radium-226	1.402	-	pCi/g	481041.4	1352031
A9P1-44-5-RM	44	5	24-30	Radium-226	1.09	-	pCi/g	481041.4	1352031
A9P1-44-6-RM	44	6	30-36	Radium-226	1.113	-	pCi/g	481041.4	1352031
A9P1-45-1-RM	45	1	0-6	Radium-226	1.194	-	pCi/g	480891.6	1351881
A9P1-45-2-RM	45	2	6-12	Radium-226	1.222	-	pCi/g	480891.6	1351881
A9P1-45-3-RM	45	3	12-18	Radium-226	1.356	-	pCi/g	480891.6	1351881
A9P1-45-4-RM	45	4	18-24	Radium-226	1.276	-	pCi/g	480891.6	1351881
A9P1-45-5-RM	45	5	24-30	Radium-226	1.532	-	pCi/g	480891.6	1351881
A9P1-45-6-RM	45	6	30-36	Radium-226	1.545	-	pCi/g	480891.6	1351881
A9P1-46-1-RM	46	1	0-6	Radium-226	1.316	-	pCi/g	482659.7	1352641
A9P1-46-2-RM	46	2	6-12	Radium-226	1.666	-	pCi/g	482659.7	1352641
A9P1-46-3-RM	46	3	12-18	Radium-226	1.626	-	pCi/g	482659.7	1352641
A9P1-46-4-RM	46	4	18-24	Radium-226	1.038	-	pCi/g	482659.7	1352641
A9P1-46-5-RM	46	5	24-30	Radium-226	0.934	-	pCi/g	482659.7	1352641
A9P1-46-6-RM	46	6	30-36	Radium-226	0.937	-	pCi/g	482659.7	1352641
A9P1-47-1-RM	47	1	0-6	Radium-226	1.062	-	pCi/g	481749	1352585
A9P1-47-2-RM	47	2	6-12	Radium-226	1.137	-	pCi/g	481749	1352585
A9P1-47-3-RM	47	3	12-18	Radium-226	0.925	-	pCi/g	481749	1352585
A9P1-47-4-RM	47	4	18-24	Radium-226	1.063	-	pCi/g	481749	1352585
A9P1-47-5-RM	47	5	24-30	Radium-226	0.829	-	pCi/g	481749	1352585
A9P1-47-6-RM	47	6	30-36	Radium-226	0.946	-	pCi/g	481749	1352585
A9P1-48-1-RM	48	1	0-6	Radium-226	1.279	-	pCi/g	482656	1352226
A9P1-48-2-RM	48	2	6-12	Radium-226	1.332	-	pCi/g	482656	1352226
A9P1-48-3-RM	48	3	12-18	Radium-226	1.46	-	pCi/g	482656	1352226
A9P1-48-4-RM	48	4	18-24	Radium-226	1.525	-	pCi/g	482656	1352226
A9P1-48-5-RM	48	5	24-30	Radium-226	1.472	-	pCi/g	482656	1352226
A9P1-48-6-RM	48	6	30-36	Radium-226	1.034	-	pCi/g	482656	1352226
A9P1-49-1-RM	49	1	0-6	Radium-226	1.353	-	pCi/g	482662.1	1352226
A9P1-49-2-RM	49	2	6-12	Radium-226	1.276	-	pCi/g	482662.1	1352226
A9P1-49-3-RM	49	3	12-18	Radium-226	1.56	-	pCi/g	482662.1	1352226
A9P1-49-4-RM	49	4	18-24	Radium-226	1.524	-	pCi/g	482662.1	1352226
A9P1-49-5-RM	49	5	24-30	Radium-226	1.198	-	pCi/g	482662.1	1352226
A9P1-49-6-RM	49	6	30-36	Radium-226	1.045	-	pCi/g	482662.1	1352226
A9P1-50-1-RM	50	1	0-6	Radium-226	1.311	-	pCi/g	482659.1	1352223
A9P1-50-2-RM	50	2	6-12	Radium-226	1.437	-	pCi/g	482659.1	1352223
A9P1-50-3-RM	50	3	12-18	Radium-226	1.624	-	pCi/g	482659.1	1352223
A9P1-50-4-RM	50	4	18-24	Radium-226	1.781	-	pCi/g	482659.1	1352223
A9P1-50-5-RM	50	5	24-30	Radium-226	1.667	-	pCi/g	482659.1	1352223
A9P1-50-6-RM	50	6	30-36	Radium-226	1.173	-	pCi/g	482659.1	1352223
A9P1-51-1-RM	51	1	0-6	Radium-226	1.261	-	pCi/g	482659	1352229
A9P1-51-2-RM	51	2	6-12	Radium-226	1.374	-	pCi/g	482659	1352229
A9P1-51-3-RM	51	3	12-18	Radium-226	1.423	-	pCi/g	482659	1352229
A9P1-51-4-RM	51	4	18-24	Radium-226	1.687	-	pCi/g	482659	1352229
A9P1-51-5-RM	51	5	24-30	Radium-226	1.51	-	pCi/g	482659	1352229
A9P1-51-6-RM	51	6	30-36	Radium-226	1.178	-	pCi/g	482659	1352229
A9P1-53-1-RM	53	1	0-6	Radium-226	1.255	-	pCi/g	482948	1352082
A9P1-53-2-RM	53	2	6-12	Radium-226	1.32	-	pCi/g	482948	1352082
A9P1-53-3-RM	53	3	12-18	Radium-226	1.405	-	pCi/g	482948	1352082
A9P1-53-4-RM	53	4	18-24	Radium-226	1.558	-	pCi/g	482948	1352082
A9P1-53-5-RM	53	5	24-30	Radium-226	1.34	-	pCi/g	482948	1352082
A9P1-53-6-RM	53	6	30-36	Radium-226	1.001	-	pCi/g	482948	1352082
A9P1-54-1-RM	54	1	0-6	Radium-226	1.188	-	pCi/g	482945	1352085
A9P1-54-2-RM	54	2	6-12	Radium-226	1.3	-	pCi/g	482945	1352085
A9P1-54-3-RM	54	3	12-18	Radium-226	1.402	-	pCi/g	482945	1352085
A9P1-54-4-RM	54	4	18-24	Radium-226	1.582	-	pCi/g	482945	1352085
A9P1-54-5-RM	54	5	24-30	Radium-226	1.498	-	pCi/g	482945	1352085
A9P1-54-6-RM	54	6	30-36	Radium-226	1.083	-	pCi/g	482945	1352085
A9P1-55-1-RM	55	1	0-6	Radium-226	1.162	-	pCi/g	482941.9	1352082
A9P1-55-2-RM	55	2	6-12	Radium-226	1.278	-	pCi/g	482941.9	1352082
A9P1-55-3-RM	55	3	12-18	Radium-226	1.387	-	pCi/g	482941.9	1352082
A9P1-55-4-RM	55	4	18-24	Radium-226	1.699	-	pCi/g	482941.9	1352082

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-55-5-RM	55	5	24-30	Radium-226	1.511	-	pCi/g	482941.9	1352082
A9P1-55-6-RM	55	6	30-36	Radium-226	0.974	-	pCi/g	482941.9	1352082
A9P1-56-1-RM	56	1	0-6	Radium-226	1.272	-	pCi/g	482548.4	1352061
A9P1-56-2-RM	56	2	6-12	Radium-226	1.491	-	pCi/g	482548.4	1352061
A9P1-56-3-RM	56	3	12-18	Radium-226	1.737	-	pCi/g	482548.4	1352061
A9P1-56-4-RM	56	4	18-24	Radium-226	1.471	-	pCi/g	482548.4	1352061
A9P1-56-5-RM	56	5	24-30	Radium-226	1.524	-	pCi/g	482548.4	1352061
A9P1-56-6-RM	56	6	30-36	Radium-226	1.123	-	pCi/g	482548.4	1352061
A9P1-57-1-RM	57	1	0-6	Radium-226	1.187	-	pCi/g	482545.5	1352064
A9P1-57-2-RM	57	2	6-12	Radium-226	0.887	-	pCi/g	482545.5	1352064
A9P1-57-3-RM	57	3	12-18	Radium-226	1.482	-	pCi/g	482545.5	1352064
A9P1-57-4-RM	57	4	18-24	Radium-226	1.652	-	pCi/g	482545.5	1352064
A9P1-57-5-RM	57	5	24-30	Radium-226	1.552	-	pCi/g	482545.5	1352064
A9P1-57-6-RM	57	6	30-36	Radium-226	1.367	-	pCi/g	482545.5	1352064
A9P1-58-1-RM	58	1	0-6	Radium-226	1.182	-	pCi/g	482542.5	1352061
A9P1-58-2-RM	58	2	6-12	Radium-226	1.378	-	pCi/g	482542.5	1352061
A9P1-58-3-RM	58	3	12-18	Radium-226	1.661	-	pCi/g	482542.5	1352061
A9P1-58-4-RM	58	4	18-24	Radium-226	1.595	-	pCi/g	482542.5	1352061
A9P1-58-5-RM	58	5	24-30	Radium-226	1.161	-	pCi/g	482542.5	1352061
A9P1-58-6-RM	58	6	30-36	Radium-226	1.5	-	pCi/g	482542.5	1352061
A9P1-59-1-RM	59	1	0-6	Radium-226	1.179	-	pCi/g	482545.6	1352058
A9P1-59-2-RM	59	2	6-12	Radium-226	1.254	-	pCi/g	482545.6	1352058
A9P1-59-3-RM	59	3	12-18	Radium-226	1.606	-	pCi/g	482545.6	1352058
A9P1-59-4-RM	59	4	18-24	Radium-226	1.501	-	pCi/g	482545.6	1352058
A9P1-59-5-RM	59	5	24-30	Radium-226	1.269	-	pCi/g	482545.6	1352058
A9P1-59-6-RM	59	6	30-36	Radium-226	1.009	-	pCi/g	482545.6	1352058
A9P1-60-1-RM	60	1	0-6	Radium-226	1.213	-	pCi/g	482460	1352195
A9P1-60-2-RM	60	2	6-12	Radium-226	1.139	-	pCi/g	482460	1352195
A9P1-60-3-RM	60	3	12-18	Radium-226	1.394	-	pCi/g	482460	1352195
A9P1-60-4-RM	60	4	18-24	Radium-226	1.693	-	pCi/g	482460	1352195
A9P1-60-5-RM	60	5	24-30	Radium-226	1.508	-	pCi/g	482460	1352195
A9P1-60-6-RM	60	6	30-36	Radium-226	1.264	-	pCi/g	482460	1352195
A9P1-61-1-RM	61	1	0-6	Radium-226	1.3	-	pCi/g	482457	1352198
A9P1-61-2-RM	61	2	6-12	Radium-226	1.202	-	pCi/g	482457	1352198
A9P1-61-3-RM	61	3	12-18	Radium-226	1.371	-	pCi/g	482457	1352198
A9P1-61-4-RM	61	4	18-24	Radium-226	1.503	-	pCi/g	482457	1352198
A9P1-61-5-RM	61	5	24-30	Radium-226	1.448	-	pCi/g	482457	1352198
A9P1-61-6-RM	61	6	30-36	Radium-226	0.927	-	pCi/g	482457	1352198
A9P1-62-1-RM	62	1	0-6	Radium-226	1.187	-	pCi/g	482454.1	1352195
A9P1-62-2-RM	62	2	6-12	Radium-226	1.167	-	pCi/g	482454.1	1352195
A9P1-62-3-RM	62	3	12-18	Radium-226	1.323	-	pCi/g	482454.1	1352195
A9P1-62-4-RM	62	4	18-24	Radium-226	1.409	-	pCi/g	482454.1	1352195
A9P1-62-5-RM	62	5	24-30	Radium-226	1.218	-	pCi/g	482454.1	1352195
A9P1-62-6-RM	62	6	30-36	Radium-226	1.079	-	pCi/g	482454.1	1352195
A9P1-63-1-RM	63	1	0-6	Radium-226	1.059	-	pCi/g	482457	1352193
A9P1-63-2-RM	63	2	6-12	Radium-226	1.149	-	pCi/g	482457	1352193
A9P1-63-3-RM	63	3	12-18	Radium-226	1.445	-	pCi/g	482457	1352193
A9P1-63-4-RM	63	4	18-24	Radium-226	1.318	-	pCi/g	482457	1352193
A9P1-63-5-RM	63	5	24-30	Radium-226	0.933	-	pCi/g	482457	1352193
A9P1-63-6-RM	63	6	30-36	Radium-226	0.907	-	pCi/g	482457	1352193
A9P1-64-1-RM	64	1	0-6	Radium-226	1.205	-	pCi/g	481951	1352032
A9P1-64-2-RM	64	2	6-12	Radium-226	1.428	-	pCi/g	481951	1352032
A9P1-64-3-RM	64	3	12-18	Radium-226	1.434	-	pCi/g	481951	1352032
A9P1-64-4-RM	64	4	18-24	Radium-226	0.872	-	pCi/g	481951	1352032
A9P1-64-5-RM	64	5	24-30	Radium-226	0.861	-	pCi/g	481951	1352032
A9P1-64-6-RM	64	6	30-36	Radium-226	0.836	-	pCi/g	481951	1352032
A9P1-65-1-RM	65	1	0-6	Radium-226	1.24	-	pCi/g	481948	1352035
A9P1-65-2-RM	65	2	6-12	Radium-226	1.713	-	pCi/g	481948	1352035
A9P1-65-3-RM	65	3	12-18	Radium-226	1.263	-	pCi/g	481948	1352035
A9P1-65-4-RM	65	4	18-24	Radium-226	0.752	-	pCi/g	481948	1352035
A9P1-65-5-RM	65	5	24-30	Radium-226	0.86	-	pCi/g	481948	1352035
A9P1-65-6-RM	65	6	30-36	Radium-226	0.888	-	pCi/g	481948	1352035
A9P1-66-1-RM	66	1	0-6	Radium-226	1.276	-	pCi/g	481945.1	1352032
A9P1-66-2-RM	66	2	6-12	Radium-226	1.548	-	pCi/g	481945.1	1352032

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-66-3-RM	66	3	12-18	Radium-226	1.404	-	pCi/g	481945.1	1352032
A9P1-66-4-RM	66	4	18-24	Radium-226	1.135	-	pCi/g	481945.1	1352032
A9P1-66-5-RM	66	5	24-30	Radium-226	0.864	-	pCi/g	481945.1	1352032
A9P1-66-6-RM	66	6	30-36	Radium-226	0.782	-	pCi/g	481945.1	1352032
A9P1-67-1-RM	67	1	0-6	Radium-226	0.728	-	pCi/g	481947.9	1352029
A9P1-67-2-RM	67	2	6-12	Radium-226	0.827	-	pCi/g	481947.9	1352029
A9P1-67-3-RM	67	3	12-18	Radium-226	0.813	-	pCi/g	481947.9	1352029
A9P1-67-4-RM	67	4	18-24	Radium-226	0.846	-	pCi/g	481947.9	1352029
A9P1-67-5-RM	67	5	24-30	Radium-226	0.931	-	pCi/g	481947.9	1352029
A9P1-67-6-RM	67	6	30-36	Radium-226	1.584	-	pCi/g	481947.9	1352029
A9PI-P-CONF-1	C1	1	0-6	Radium-226	1.192	-	pCi/g	484222.4	1352462
A9PI-P-CONF-2	C2	1	0-6	Radium-226	1.243	-	pCi/g	484150.8	1352491
A9PI-P-CONF-3	C3	1	0-6	Radium-226	1.349	-	pCi/g	484183.7	1352492
A9PI-P-CONF-4	C4	1	0-6	Radium-226	1.122	-	pCi/g	484244.7	1352422
A9PI-P-CONF-5	C5	1	0-6	Radium-226	1.355	-	pCi/g	484034.4	1352307
A9PI-P-CONF-6	C6	1	0-6	Radium-226	0.866	-	pCi/g	483940.8	1352374
A9PI-P-CONF-7	C7	1	0-6	Radium-226	1.179	-	pCi/g	484218.7	1352491
A9P1-S1-RM	S1	1	0-6	Radium-226	1.129	-	pCi/g	483589.5	1352150
A9P1-S2-RM	S2	1	0-6	Radium-226	0.995	-	pCi/g	483823.2	1352299
A9P1-S3-RM	S3	1	0-6	Radium-226	1.001	-	pCi/g	484170.6	1352530
A9P1-S4-RM	S4	1	0-6	Radium-226	1.261	-	pCi/g	484512.2	1352818
A9PI-P-1-1-R	01	1	0-6	Radium-228	1.108	-	pCi/g	483068.8	1352711
A9PI-P-1-2-RM	01	2	6-12	Radium-228	1.044	-	pCi/g	483068.8	1352711
A9PI-P-1-3-RM	01	3	12-18	Radium-228	1.107	-	pCi/g	483068.8	1352711
A9PI-P-1-4-RM	01	4	18-24	Radium-228	1.292	-	pCi/g	483068.8	1352711
A9PI-P-1-5-RM	01	5	24-30	Radium-228	1.297	-	pCi/g	483068.8	1352711
A9PI-P-1-6-RM	01	6	30-36	Radium-228	1.111	-	pCi/g	483068.8	1352711
A9PI-P-2-1-RM	02	1	0-6	Radium-228	1.099	-	pCi/g	482697.1	1352339
A9PI-P-2-2-RM	02	2	6-12	Radium-228	1.089	-	pCi/g	482697.1	1352339
A9PI-P-2-3-RM	02	3	12-18	Radium-228	1.207	-	pCi/g	482697.1	1352339
A9PI-P-2-4-RM	02	4	18-24	Radium-228	1.266	-	pCi/g	482697.1	1352339
A9PI-P-2-5-RM	02	5	24-30	Radium-228	1.162	-	pCi/g	482697.1	1352339
A9PI-P-2-6-RM	02	6	30-36	Radium-228	1.086	-	pCi/g	482697.1	1352339
A9PI-P-3-1-RM	03	1	0-6	Radium-228	1.132	-	pCi/g	482559	1351896
A9PI-P-3-2-RM	03	2	6-12	Radium-228	1.016	-	pCi/g	482559	1351896
A9PI-P-3-3-RM	03	3	12-18	Radium-228	1.204	-	pCi/g	482559	1351896
A9PI-P-3-4-RM	03	4	18-24	Radium-228	1.318	-	pCi/g	482559	1351896
A9PI-P-3-5-RM	03	5	24-30	Radium-228	1.172	-	pCi/g	482559	1351896
A9PI-P-3-6-RM	03	6	30-36	Radium-228	1.157	-	pCi/g	482559	1351896
A9PI-P-4-1-RM	04	1	0-6	Radium-228	1.008	-	pCi/g	482253	1351912
A9PI-P-4-2-RM	04	2	6-12	Radium-228	1.085	-	pCi/g	482253	1351912
A9PI-P-4-3-RM	04	3	12-18	Radium-228	1.208	-	pCi/g	482253	1351912
A9PI-P-4-4-RM	04	4	18-24	Radium-228	1.241	-	pCi/g	482253	1351912
A9PI-P-4-5-RM	04	5	24-30	Radium-228	1.131	-	pCi/g	482253	1351912
A9PI-P-4-6-RM	04	6	30-36	Radium-228	1.042	-	pCi/g	482253	1351912
A9PI-P-5-1-RM	05	1	0-6	Radium-228	1.166	-	pCi/g	481900.8	1352121
A9PI-P-5-2-RM	05	2	6-12	Radium-228	1.134	-	pCi/g	481900.8	1352121
A9PI-P-5-3-RM	05	3	12-18	Radium-228	1.191	-	pCi/g	481900.8	1352121
A9PI-P-5-4-RM	05	4	18-24	Radium-228	1.111	-	pCi/g	481900.8	1352121
A9PI-P-5-5-RM	05	5	24-30	Radium-228	0.924	-	pCi/g	481900.8	1352121
A9PI-P-5-6-RM	05	6	30-36	Radium-228	0.694	-	pCi/g	481900.8	1352121
A9PI-P-6-1-RM	06	1	0-6	Radium-228	1.01	-	pCi/g	481482.8	1352458
A9PI-P-6-2-RM	06	2	6-12	Radium-228	1.091	-	pCi/g	481482.8	1352458
A9PI-P-6-3-RM	06	3	12-18	Radium-228	1.215	-	pCi/g	481482.8	1352458
A9PI-P-6-4-RM	06	4	18-24	Radium-228	1.19	-	pCi/g	481482.8	1352458
A9PI-P-6-5-RM	06	5	24-30	Radium-228	1.14	-	pCi/g	481482.8	1352458
A9PI-P-6-6-RM	06	6	30-36	Radium-228	1.07	-	pCi/g	481482.8	1352458
A9PI-P-7-1-RM	07	1	0-6	Radium-228	1.122	-	pCi/g	481368	1351975
A9PI-P-7-2-RM	07	2	6-12	Radium-228	1.173	-	pCi/g	481368	1351975
A9PI-P-7-3-RM	07	3	12-18	Radium-228	1.258	-	pCi/g	481368	1351975
A9PI-P-7-4-RM	07	4	18-24	Radium-228	1.085	-	pCi/g	481368	1351975
A9PI-P-7-5-RM	07	5	24-30	Radium-228	0.94	-	pCi/g	481368	1351975
A9PI-P-7-6-RM	07	6	30-36	Radium-228	0.774	-	pCi/g	481368	1351975
A9PI-P-8-1-RM	08	1	0-6	Radium-228	0.984	-	pCi/g	482944.9	1352082

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9PI-P-8-2-RM	08	2	6-12	Radium-228	1.112	-	pCi/g	482944.9	1352082
A9PI-P-8-3-RM	08	3	12-18	Radium-228	1.222	-	pCi/g	482944.9	1352082
A9PI-P-8-4-RM	08	4	18-24	Radium-228	1.19	-	pCi/g	482944.9	1352082
A9PI-P-8-5-RM	08	5	24-30	Radium-228	1.213	-	pCi/g	482944.9	1352082
A9PI-P-8-6-RM	08	6	30-36	Radium-228	1.153	-	pCi/g	482944.9	1352082
A9PI-P-9-1-RM	09	1	0-6	Radium-228	1.046	-	pCi/g	482669.1	1352062
A9PI-P-9-2-RM	09	2	6-12	Radium-228	1.246	-	pCi/g	482669.1	1352062
A9PI-P-9-3-RM	09	3	12-18	Radium-228	1.289	-	pCi/g	482669.1	1352062
A9PI-P-9-4-RM	09	4	18-24	Radium-228	1.11	-	pCi/g	482669.1	1352062
A9PI-P-9-5-RM	09	5	24-30	Radium-228	1.118	-	pCi/g	482669.1	1352062
A9PI-P-9-6-RM	09	6	30-36	Radium-228	1.016	-	pCi/g	482669.1	1352062
A9P1-10-1-RM	10	1	0-6	Radium-228	1.069	-	pCi/g	482545.5	1352061
A9P1-10-2-RM	10	2	6-12	Radium-228	1.162	-	pCi/g	482545.5	1352061
A9P1-10-3-RM	10	3	12-18	Radium-228	1.22	-	pCi/g	482545.5	1352061
A9P1-10-4-RM	10	4	18-24	Radium-228	1.271	-	pCi/g	482545.5	1352061
A9P1-10-5-RM	10	5	24-30	Radium-228	1.215	-	pCi/g	482545.5	1352061
A9P1-10-6-RM	10	6	30-36	Radium-228	1.154	-	pCi/g	482545.5	1352061
A9P1-11-1-RM	11	1	0-6	Radium-228	1.1	-	pCi/g	481617.4	1351868
A9P1-11-2-RM	11	2	6-12	Radium-228	1.092	J	pCi/g	481617.4	1351868
A9P1-11-3-RM	11	3	12-18	Radium-228	1.103	J	pCi/g	481617.4	1351868
A9P1-11-4-RM	11	4	18-24	Radium-228	1.231	-	pCi/g	481617.4	1351868
A9P1-11-5-RM	11	5	24-30	Radium-228	1.137	-	pCi/g	481617.4	1351868
A9P1-11-6-RM	11	6	30-36	Radium-228	1.258	-	pCi/g	481617.4	1351868
A9P1-12-1-RM	12	1	0-6	Radium-228	1.091	-	pCi/g	481947.8	1352032
A9P1-12-1-RM-D	12	1	0-6	Radium-228	1.052	-	pCi/g	481947.8	1352032
A9P1-12-1-R-S	12	1	0-6	Radium-228	1.144	J	pCi/g	481947.8	1352032
A9P1-12-2-RM	12	2	6-12	Radium-228	1.238	-	pCi/g	481947.8	1352032
A9P1-12-2-RM-D	12	2	6-12	Radium-228	1.176	-	pCi/g	481947.8	1352032
A9P1-12-2-R-S	12	2	6-12	Radium-228	1.274	J	pCi/g	481947.8	1352032
A9P1-12-3-RM	12	3	12-18	Radium-228	1.18	-	pCi/g	481947.8	1352032
A9P1-12-3-RM-D	12	3	12-18	Radium-228	1.266	-	pCi/g	481947.8	1352032
A9P1-12-3-R-S	12	3	12-18	Radium-228	1.301	J	pCi/g	481947.8	1352032
A9P1-12-4-RM-D	12	4	18-24	Radium-228	0.804	-	pCi/g	481947.8	1352032
A9P1-12-4-RM	12	4	18-24	Radium-228	0.908	-	pCi/g	481947.8	1352032
A9P1-12-4-R-S	12	4	18-24	Radium-228	1.167	J	pCi/g	481947.8	1352032
A9P1-12-5-RM	12	5	24-30	Radium-228	0.77	J	pCi/g	481947.8	1352032
A9P1-12-5-RM-D	12	5	24-30	Radium-228	0.648	J	pCi/g	481947.8	1352032
A9P1-12-5-R-S	12	5	24-30	Radium-228	0.917	J	pCi/g	481947.8	1352032
A9P1-12-6-RM-D	12	6	30-36	Radium-228	0.759	-	pCi/g	481947.8	1352032
A9P1-12-6-RM	12	6	30-36	Radium-228	0.673	-	pCi/g	481947.8	1352032
A9P1-12-6-R-S	12	6	30-36	Radium-228	0.779	J	pCi/g	481947.8	1352032
A9P1-13-1-RM	13	1	0-6	Radium-228	1.052	-	pCi/g	481928.1	1351874
A9P1-13-2-RM	13	2	6-12	Radium-228	1.094	-	pCi/g	481928.1	1351874
A9P1-13-3-RM	13	3	12-18	Radium-228	1.214	-	pCi/g	481928.1	1351874
A9P1-13-4-RM	13	4	18-24	Radium-228	1.227	-	pCi/g	481928.1	1351874
A9P1-13-5-RM	13	5	24-30	Radium-228	1.186	-	pCi/g	481928.1	1351874
A9P1-13-6-RM	13	6	30-36	Radium-228	1.209	-	pCi/g	481928.1	1351874
A9P1-14-1-RM	14	1	0-6	Radium-228	1.08	-	pCi/g	482260.1	1352135
A9P1-14-2-RM	14	2	6-12	Radium-228	1.074	-	pCi/g	482260.1	1352135
A9P1-14-3-RM	14	3	12-18	Radium-228	1.246	-	pCi/g	482260.1	1352135
A9P1-14-4-RM	14	4	18-24	Radium-228	1.137	-	pCi/g	482260.1	1352135
A9P1-14-5-RM	14	5	24-30	Radium-228	0.87	-	pCi/g	482260.1	1352135
A9P1-14-6-RM	14	6	30-36	Radium-228	0.794	-	pCi/g	482260.1	1352135
A9P1-15-1-RM	15	1	0-6	Radium-228	1.041	-	pCi/g	482457	1352195
A9P1-15-2-RM	15	2	6-12	Radium-228	0.973	-	pCi/g	482457	1352195
A9P1-15-3-RM	15	3	12-18	Radium-228	1.322	-	pCi/g	482457	1352195
A9P1-15-4-RM	15	4	18-24	Radium-228	1.304	-	pCi/g	482457	1352195
A9P1-15-5-RM	15	5	24-30	Radium-228	1.126	-	pCi/g	482457	1352195
A9P1-15-6-RM	15	6	30-36	Radium-228	1.022	-	pCi/g	482457	1352195
A9P1-16-1-RM	16	1	0-6	Radium-228	1.072	-	pCi/g	482659	1352226
A9P1-16-2-RM	16	2	6-12	Radium-228	1.115	-	pCi/g	482659	1352226
A9P1-16-3-RM	16	3	12-18	Radium-228	1.355	-	pCi/g	482659	1352226
A9P1-16-4-RM	16	4	18-24	Radium-228	1.186	-	pCi/g	482659	1352226
A9P1-16-5-RM	16	5	24-30	Radium-228	1.213	-	pCi/g	482659	1352226

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-16-6-RM	16	6	30-36	Radium-228	0.834	-	pCi/g	482659	1352226
A9P1-17-1-RM	17	1	0-6	Radium-228	1.061	-	pCi/g	482858.6	1352235
A9P1-17-2-RM	17	2	6-12	Radium-228	1.017	-	pCi/g	482858.6	1352235
A9P1-17-3-RM	17	3	12-18	Radium-228	1.191	-	pCi/g	482858.6	1352235
A9P1-17-4-RM	17	4	18-24	Radium-228	1.273	-	pCi/g	482858.6	1352235
A9P1-17-5-RM	17	5	24-30	Radium-228	1.11	-	pCi/g	482858.6	1352235
A9P1-17-6-RM	17	6	30-36	Radium-228	0.779	-	pCi/g	482858.6	1352235
A9P1-18-1-RM	18	1	0-6	Radium-228	1.093	-	pCi/g	483050.6	1352194
A9P1-18-2-RM	18	2	6-12	Radium-228	1.151	-	pCi/g	483050.6	1352194
A9P1-18-3-RM	18	3	12-18	Radium-228	1.212	-	pCi/g	483050.6	1352194
A9P1-18-4-RM	18	4	18-24	Radium-228	1.228	-	pCi/g	483050.6	1352194
A9P1-18-5-RM	18	5	24-30	Radium-228	1.24	-	pCi/g	483050.6	1352194
A9P1-18-6-RM	18	6	30-36	Radium-228	1.153	-	pCi/g	483050.6	1352194
A9P1-19-1-RM	19	1	0-6	Radium-228	1.172	-	pCi/g	483202.3	1352071
A9P1-19-2-RM	19	2	6-12	Radium-228	1.205	-	pCi/g	483202.3	1352071
A9P1-19-3-RM	19	3	12-18	Radium-228	1.226	-	pCi/g	483202.3	1352071
A9P1-19-4-RM	19	4	18-24	Radium-228	1.221	-	pCi/g	483202.3	1352071
A9P1-19-5-RM	19	5	24-30	Radium-228	1.133	-	pCi/g	483202.3	1352071
A9P1-19-6-RM	19	6	30-36	Radium-228	0.836	-	pCi/g	483202.3	1352071
A9P1-20-1-RM	20	1	0-6	Radium-228	1.081	-	pCi/g	483319.2	1352135
A9P1-20-2-RM	20	2	6-12	Radium-228	1.101	-	pCi/g	483319.2	1352135
A9P1-20-3-RM	20	3	12-18	Radium-228	1.325	-	pCi/g	483319.2	1352135
A9P1-20-4-RM	20	4	18-24	Radium-228	1.296	-	pCi/g	483319.2	1352135
A9P1-20-5-RM	20	5	24-30	Radium-228	1.017	-	pCi/g	483319.2	1352135
A9P1-20-6-RM	20	6	30-36	Radium-228	0.916	-	pCi/g	483319.2	1352135
A9P1-21-1-RM	21	1	0-6	Radium-228	1.178	-	pCi/g	483309.2	1352267
A9P1-21-2-RM	21	2	6-12	Radium-228	1.174	-	pCi/g	483309.2	1352267
A9P1-21-3-RM	21	3	12-18	Radium-228	1.054	-	pCi/g	483309.2	1352267
A9P1-21-4-RM	21	4	18-24	Radium-228	1.003	-	pCi/g	483309.2	1352267
A9P1-21-5-RM	21	5	24-30	Radium-228	1.165	-	pCi/g	483309.2	1352267
A9P1-21-6-RM	21	6	30-36	Radium-228	0.97	-	pCi/g	483309.2	1352267
A9P1-22-1-RM	22	1	0-6	Radium-228	1.081	-	pCi/g	483177.2	1352765
A9P1-22-2-RM	22	2	6-12	Radium-228	1.103	-	pCi/g	483177.2	1352765
A9P1-22-3-RM	22	3	12-18	Radium-228	1.168	-	pCi/g	483177.2	1352765
A9P1-22-4-RM	22	4	18-24	Radium-228	1.372	-	pCi/g	483177.2	1352765
A9P1-22-5-RM	22	5	24-30	Radium-228	1.334	-	pCi/g	483177.2	1352765
A9P1-22-6-RM	22	6	30-36	Radium-228	1.207	-	pCi/g	483177.2	1352765
A9P1-23-1-RM	23	1	0-6	Radium-228	1.039	-	pCi/g	482889.5	1352655
A9P1-23-2-RM	23	2	6-12	Radium-228	1.153	-	pCi/g	482889.5	1352655
A9P1-23-3-RM	23	3	12-18	Radium-228	1.293	-	pCi/g	482889.5	1352655
A9P1-23-4-RM	23	4	18-24	Radium-228	1.337	-	pCi/g	482889.5	1352655
A9P1-23-5-RM	23	5	24-30	Radium-228	1.297	-	pCi/g	482889.5	1352655
A9P1-23-6-RM	23	6	30-36	Radium-228	1.223	-	pCi/g	482889.5	1352655
A9P1-24-1-RM	24	1	0-6	Radium-228	1.143	-	pCi/g	482400.6	1352584
A9P1-24-2-RM	24	2	6-12	Radium-228	1.273	-	pCi/g	482400.6	1352584
A9P1-24-3-RM	24	3	12-18	Radium-228	1.274	-	pCi/g	482400.6	1352584
A9P1-24-4-RM	24	4	18-24	Radium-228	1.19	-	pCi/g	482400.6	1352584
A9P1-24-5-RM	24	5	24-30	Radium-228	1.146	-	pCi/g	482400.6	1352584
A9P1-24-6-RM	24	6	30-36	Radium-228	0.943	-	pCi/g	482400.6	1352584
A9P1-25-1-RM	25	1	0-6	Radium-228	0.947	-	pCi/g	482006.7	1352544
A9P1-25-2-RM	25	2	6-12	Radium-228	1.157	-	pCi/g	482006.7	1352544
A9P1-25-3-RM	25	3	12-18	Radium-228	1.169	-	pCi/g	482006.7	1352544
A9P1-25-4-RM	25	4	18-24	Radium-228	1.101	-	pCi/g	482006.7	1352544
A9P1-25-5-RM	25	5	24-30	Radium-228	1.146	-	pCi/g	482006.7	1352544
A9P1-25-6-RM	25	6	30-36	Radium-228	0.871	-	pCi/g	482006.7	1352544
A9P1-26-1-RM	26	1	0-6	Radium-228	0.793	-	pCi/g	481748.5	1352486
A9P1-26-2-RM	26	2	6-12	Radium-228	0.914	-	pCi/g	481748.5	1352486
A9P1-26-3-RM	26	3	12-18	Radium-228	1.141	-	pCi/g	481748.5	1352486
A9P1-26-4-RM	26	4	18-24	Radium-228	1.195	-	pCi/g	481748.5	1352486
A9P1-26-5-RM	26	5	24-30	Radium-228	0.994	-	pCi/g	481748.5	1352486
A9P1-26-6-RM	26	6	30-36	Radium-228	0.708	-	pCi/g	481748.5	1352486
A9P1-27-1-RM	27	1	0-6	Radium-228	1.209	-	pCi/g	481391.1	1352541
A9P1-27-2-RM	27	2	6-12	Radium-228	1.047	-	pCi/g	481391.1	1352541
A9P1-27-3-RM	27	3	12-18	Radium-228	1.097	-	pCi/g	481391.1	1352541

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-27-4-RM	27	4	18-24	Radium-228	0.874	-	pCi/g	481391.1	1352541
A9P1-27-5-RM	27	5	24-30	Radium-228	0.712	-	pCi/g	481391.1	1352541
A9P1-27-6-RM	27	6	30-36	Radium-228	0.672	-	pCi/g	481391.1	1352541
A9P1-28-1-RM	28	1	0-6	Radium-228	1.235	J	pCi/g	481040.8	1351882
A9P1-28-2-RM	28	2	6-12	Radium-228	1.159	-	pCi/g	481040.8	1351882
A9P1-28-3-RM	28	3	12-18	Radium-228	1.219	-	pCi/g	481040.8	1351882
A9P1-28-4-RM	28	4	18-24	Radium-228	1.267	-	pCi/g	481040.8	1351882
A9P1-28-5-RM	28	5	24-30	Radium-228	1.258	-	pCi/g	481040.8	1351882
A9P1-28-6-RM	28	6	30-36	Radium-228	1.152	-	pCi/g	481040.8	1351882
A9P1-29-1-RM	29	1	0-6	Radium-228	1.116	-	pCi/g	481378.8	1352165
A9P1-29-2-RM	29	2	6-12	Radium-228	1.119	-	pCi/g	481378.8	1352165
A9P1-29-3-RM	29	3	12-18	Radium-228	1.25	-	pCi/g	481378.8	1352165
A9P1-29-4-RM	29	4	18-24	Radium-228	1.197	-	pCi/g	481378.8	1352165
A9P1-29-5-RM	29	5	24-30	Radium-228	0.884	-	pCi/g	481378.8	1352165
A9P1-29-6-RM	29	6	30-36	Radium-228	0.67	-	pCi/g	481378.8	1352165
A9P1-30-1-RM	30	1	0-6	Radium-228	1.055	-	pCi/g	482269.7	1352285
A9P1-30-2-RM	30	2	6-12	Radium-228	1.162	-	pCi/g	482269.7	1352285
A9P1-30-3-RM	30	3	12-18	Radium-228	1.219	-	pCi/g	482269.7	1352285
A9P1-30-4-RM	30	4	18-24	Radium-228	1.192	-	pCi/g	482269.7	1352285
A9P1-30-5-RM	30	5	24-30	Radium-228	0.866	-	pCi/g	482269.7	1352285
A9P1-30-6-RM	30	6	30-36	Radium-228	0.913	-	pCi/g	482269.7	1352285
A9P1-31-1-RM	31	1	0-6	Radium-228	1.079	-	pCi/g	481711.3	1352217
A9P1-31-2-RM	31	2	6-12	Radium-228	1.087	-	pCi/g	481711.3	1352217
A9P1-31-3-RM	31	3	12-18	Radium-228	1.045	-	pCi/g	481711.3	1352217
A9P1-31-4-RM	31	4	18-24	Radium-228	1.245	-	pCi/g	481711.3	1352217
A9P1-31-5-RM	31	5	24-30	Radium-228	1.19	-	pCi/g	481711.3	1352217
A9P1-31-6-RM	31	6	30-36	Radium-228	1.183	-	pCi/g	481711.3	1352217
A9P1-32-1-RM	32	1	0-6	Radium-228	1.076	-	pCi/g	482011.3	1352288
A9P1-32-2-RM	32	2	6-12	Radium-228	1.078	-	pCi/g	482011.3	1352288
A9P1-32-3-RM	32	3	12-18	Radium-228	1.261	-	pCi/g	482011.3	1352288
A9P1-32-4-RM	32	4	18-24	Radium-228	1.226	-	pCi/g	482011.3	1352288
A9P1-32-5-RM	32	5	24-30	Radium-228	1.095	-	pCi/g	482011.3	1352288
A9P1-32-6-RM	32	6	30-36	Radium-228	0.926	-	pCi/g	482011.3	1352288
A9P1-33-1-RM	33	1	0-6	Radium-228	1.212	-	pCi/g	482337.3	1352410
A9P1-33-2-RM	33	2	6-12	Radium-228	1.229	-	pCi/g	482337.3	1352410
A9P1-33-3-RM	33	3	12-18	Radium-228	1.287	-	pCi/g	482337.3	1352410
A9P1-33-4-RM	33	4	18-24	Radium-228	1.235	-	pCi/g	482337.3	1352410
A9P1-33-5-RM	33	5	24-30	Radium-228	1.257	-	pCi/g	482337.3	1352410
A9P1-33-6-RM	33	6	30-36	Radium-228	1.262	-	pCi/g	482337.3	1352410
A9P1-34-1-RM	34	1	0-6	Radium-228	1.107	-	pCi/g	482915.1	1352391
A9P1-34-2-RM	34	2	6-12	Radium-228	1.166	-	pCi/g	482915.1	1352391
A9P1-34-3-RM	34	3	12-18	Radium-228	1.322	-	pCi/g	482915.1	1352391
A9P1-34-4-RM	34	4	18-24	Radium-228	1.221	-	pCi/g	482915.1	1352391
A9P1-34-5-RM	34	5	24-30	Radium-228	1.25	-	pCi/g	482915.1	1352391
A9P1-34-6-RM	34	6	30-36	Radium-228	0.989	-	pCi/g	482915.1	1352391
A9P1-35-1-RM	35	1	0-6	Radium-228	1.082	-	pCi/g	483153.8	1352337
A9P1-35-2-RM	35	2	6-12	Radium-228	1.117	-	pCi/g	483153.8	1352337
A9P1-35-3-RM	35	3	12-18	Radium-228	1.269	-	pCi/g	483153.8	1352337
A9P1-35-4-RM	35	4	18-24	Radium-228	1.246	-	pCi/g	483153.8	1352337
A9P1-35-5-RM	35	5	24-30	Radium-228	1.264	-	pCi/g	483153.8	1352337
A9P1-35-6-RM	35	6	30-36	Radium-228	1.262	-	pCi/g	483153.8	1352337
A9P1-36-1-RM	36	1	0-6	Radium-228	1.027	-	pCi/g	482127.6	1351933
A9P1-36-2-RM	36	2	6-12	Radium-228	1.08	-	pCi/g	482127.6	1351933
A9P1-36-3-RM	36	3	12-18	Radium-228	1.24	-	pCi/g	482127.6	1351933
A9P1-36-4-RM	36	4	18-24	Radium-228	1.288	-	pCi/g	482127.6	1351933
A9P1-36-5-RM	36	5	24-30	Radium-228	1.18	-	pCi/g	482127.6	1351933
A9P1-36-6-RM	36	6	30-36	Radium-228	1.119	-	pCi/g	482127.6	1351933
A9P1-37-1-RM	37	1	0-6	Radium-228	1.124	-	pCi/g	482421.4	1351936
A9P1-37-2-RM	37	2	6-12	Radium-228	1.145	-	pCi/g	482421.4	1351936
A9P1-37-3-RM	37	3	12-18	Radium-228	1.18	-	pCi/g	482421.4	1351936
A9P1-37-4-RM	37	4	18-24	Radium-228	1.216	-	pCi/g	482421.4	1351936
A9P1-37-5-RM	37	5	24-30	Radium-228	1.138	-	pCi/g	482421.4	1351936
A9P1-37-6-RM	37	6	30-36	Radium-228	1.031	-	pCi/g	482421.4	1351936
A9P1-38-1-RM	38	1	0-6	Radium-228	1.089	-	pCi/g	482811.8	1352088

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-38-2-RM	38	2	6-12	Radium-228	1.121	-	pCi/g	482811.8	1352088
A9P1-38-3-RM	38	3	12-18	Radium-228	1.31	-	pCi/g	482811.8	1352088
A9P1-38-4-RM	38	4	18-24	Radium-228	1.095	-	pCi/g	482811.8	1352088
A9P1-38-5-RM	38	5	24-30	Radium-228	0.879	-	pCi/g	482811.8	1352088
A9P1-38-6-RM	38	6	30-36	Radium-228	0.771	-	pCi/g	482811.8	1352088
A9P1-39-1-RM	39	1	0-6	Radium-228	1.202	-	pCi/g	483063.7	1352114
A9P1-39-2-RM	39	2	6-12	Radium-228	1.238	-	pCi/g	483063.7	1352114
A9P1-39-3-RM	39	3	12-18	Radium-228	1.276	-	pCi/g	483063.7	1352114
A9P1-39-4-RM	39	4	18-24	Radium-228	1.288	-	pCi/g	483063.7	1352114
A9P1-39-5-RM	39	5	24-30	Radium-228	1.249	-	pCi/g	483063.7	1352114
A9P1-39-6-RM	39	6	30-36	Radium-228	0.574	-	pCi/g	483063.7	1352114
A9P1-40-1-RM	40	1	0-6	Radium-228	1.111	-	pCi/g	483176	1352541
A9P1-40-2-RM	40	2	6-12	Radium-228	1.208	-	pCi/g	483176	1352541
A9P1-40-3-RM	40	3	12-18	Radium-228	1.188	-	pCi/g	483176	1352541
A9P1-40-4-RM	40	4	18-24	Radium-228	1.168	-	pCi/g	483176	1352541
A9P1-40-5-RM	40	5	24-30	Radium-228	1.014	-	pCi/g	483176	1352541
A9P1-40-6-RM	40	6	30-36	Radium-228	0.985	-	pCi/g	483176	1352541
A9P1-41-1-RM	41	1	0-6	Radium-228	1.233	-	pCi/g	482567.1	1352330
A9P1-41-2-RM	41	2	6-12	Radium-228	1.213	-	pCi/g	482567.1	1352330
A9P1-41-3-RM	41	3	12-18	Radium-228	1.148	-	pCi/g	482567.1	1352330
A9P1-41-4-RM	41	4	18-24	Radium-228	1.225	-	pCi/g	482567.1	1352330
A9P1-41-5-RM	41	5	24-30	Radium-228	1.161	-	pCi/g	482567.1	1352330
A9P1-41-6-RM	41	6	30-36	Radium-228	1.164	-	pCi/g	482567.1	1352330
A9P1-42-1-RM	42	1	0-6	Radium-228	0.687	-	pCi/g	482385.6	1352056
A9P1-42-2-RM	42	2	6-12	Radium-228	1.182	-	pCi/g	482385.6	1352056
A9P1-42-3-RM	42	3	12-18	Radium-228	0.89	-	pCi/g	482385.6	1352056
A9P1-42-4-RM	42	4	18-24	Radium-228	1.077	-	pCi/g	482385.6	1352056
A9P1-42-5-RM	42	5	24-30	Radium-228	1.118	-	pCi/g	482385.6	1352056
A9P1-42-6-RM	42	6	30-36	Radium-228	1.025	-	pCi/g	482385.6	1352056
A9P1-43-1-RM	43	1	0-6	Radium-228	1.114	-	pCi/g	481623.1	1352042
A9P1-43-2-RM	43	2	6-12	Radium-228	1.167	-	pCi/g	481623.1	1352042
A9P1-43-3-RM	43	3	12-18	Radium-228	1.041	-	pCi/g	481623.1	1352042
A9P1-43-4-RM	43	4	18-24	Radium-228	1.195	-	pCi/g	481623.1	1352042
A9P1-43-5-RM	43	5	24-30	Radium-228	0.882	-	pCi/g	481623.1	1352042
A9P1-43-6-RM	43	6	30-36	Radium-228	0.745	-	pCi/g	481623.1	1352042
A9P1-44-1-RM	44	1	0-6	Radium-228	1.168	-	pCi/g	481041.4	1352031
A9P1-44-2-RM	44	2	6-12	Radium-228	1.177	-	pCi/g	481041.4	1352031
A9P1-44-3-RM	44	3	12-18	Radium-228	1.209	-	pCi/g	481041.4	1352031
A9P1-44-4-RM	44	4	18-24	Radium-228	1.014	-	pCi/g	481041.4	1352031
A9P1-44-5-RM	44	5	24-30	Radium-228	1.113	-	pCi/g	481041.4	1352031
A9P1-44-6-RM	44	6	30-36	Radium-228	1.018	-	pCi/g	481041.4	1352031
A9P1-45-1-RM	45	1	0-6	Radium-228	0.996	-	pCi/g	480891.6	1351881
A9P1-45-2-RM	45	2	6-12	Radium-228	1.092	-	pCi/g	480891.6	1351881
A9P1-45-3-RM	45	3	12-18	Radium-228	1.112	-	pCi/g	480891.6	1351881
A9P1-45-4-RM	45	4	18-24	Radium-228	1.003	-	pCi/g	480891.6	1351881
A9P1-45-5-RM	45	5	24-30	Radium-228	1.188	-	pCi/g	480891.6	1351881
A9P1-45-6-RM	45	6	30-36	Radium-228	1.166	-	pCi/g	480891.6	1351881
A9P1-46-1-RM	46	1	0-6	Radium-228	1.132	-	pCi/g	482659.7	1352641
A9P1-46-2-RM	46	2	6-12	Radium-228	1.28	-	pCi/g	482659.7	1352641
A9P1-46-3-RM	46	3	12-18	Radium-228	1.275	-	pCi/g	482659.7	1352641
A9P1-46-4-RM	46	4	18-24	Radium-228	0.845	-	pCi/g	482659.7	1352641
A9P1-46-5-RM	46	5	24-30	Radium-228	0.747	-	pCi/g	482659.7	1352641
A9P1-46-6-RM	46	6	30-36	Radium-228	0.817	-	pCi/g	482659.7	1352641
A9P1-47-1-RM	47	1	0-6	Radium-228	0.803	-	pCi/g	481749	1352585
A9P1-47-2-RM	47	2	6-12	Radium-228	0.859	-	pCi/g	481749	1352585
A9P1-47-3-RM	47	3	12-18	Radium-228	0.696	-	pCi/g	481749	1352585
A9P1-47-4-RM	47	4	18-24	Radium-228	0.695	-	pCi/g	481749	1352585
A9P1-47-5-RM	47	5	24-30	Radium-228	0.683	-	pCi/g	481749	1352585
A9P1-47-6-RM	47	6	30-36	Radium-228	0.693	-	pCi/g	481749	1352585
A9P1-48-1-RM	48	1	0-6	Radium-228	1.083	-	pCi/g	482656	1352226
A9P1-48-2-RM	48	2	6-12	Radium-228	1.122	-	pCi/g	482656	1352226
A9P1-48-3-RM	48	3	12-18	Radium-228	1.309	-	pCi/g	482656	1352226
A9P1-48-4-RM	48	4	18-24	Radium-228	1.259	-	pCi/g	482656	1352226
A9P1-48-5-RM	48	5	24-30	Radium-228	1.171	-	pCi/g	482656	1352226

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-48-6-RM	48	6	30-36	Radium-228	0.93	-	pCi/g	482656	1352226
A9P1-49-1-RM	49	1	0-6	Radium-228	1.13	-	pCi/g	482662.1	1352226
A9P1-49-2-RM	49	2	6-12	Radium-228	1.102	-	pCi/g	482662.1	1352226
A9P1-49-3-RM	49	3	12-18	Radium-228	1.23	-	pCi/g	482662.1	1352226
A9P1-49-4-RM	49	4	18-24	Radium-228	1.207	-	pCi/g	482662.1	1352226
A9P1-49-5-RM	49	5	24-30	Radium-228	0.977	-	pCi/g	482662.1	1352226
A9P1-49-6-RM	49	6	30-36	Radium-228	0.828	-	pCi/g	482662.1	1352226
A9P1-50-1-RM	50	1	0-6	Radium-228	1.143	-	pCi/g	482659.1	1352223
A9P1-50-2-RM	50	2	6-12	Radium-228	1.145	-	pCi/g	482659.1	1352223
A9P1-50-3-RM	50	3	12-18	Radium-228	1.318	-	pCi/g	482659.1	1352223
A9P1-50-4-RM	50	4	18-24	Radium-228	1.233	-	pCi/g	482659.1	1352223
A9P1-50-5-RM	50	5	24-30	Radium-228	1.143	-	pCi/g	482659.1	1352223
A9P1-50-6-RM	50	6	30-36	Radium-228	0.83	-	pCi/g	482659.1	1352223
A9P1-51-1-RM	51	1	0-6	Radium-228	1.043	-	pCi/g	482659	1352229
A9P1-51-2-RM	51	2	6-12	Radium-228	1.189	-	pCi/g	482659	1352229
A9P1-51-3-RM	51	3	12-18	Radium-228	1.238	-	pCi/g	482659	1352229
A9P1-51-4-RM	51	4	18-24	Radium-228	1.161	-	pCi/g	482659	1352229
A9P1-51-5-RM	51	5	24-30	Radium-228	1.182	-	pCi/g	482659	1352229
A9P1-51-6-RM	51	6	30-36	Radium-228	0.978	-	pCi/g	482659	1352229
A9P1-53-1-RM	53	1	0-6	Radium-228	1.041	-	pCi/g	482948	1352082
A9P1-53-2-RM	53	2	6-12	Radium-228	1.137	-	pCi/g	482948	1352082
A9P1-53-3-RM	53	3	12-18	Radium-228	1.196	-	pCi/g	482948	1352082
A9P1-53-4-RM	53	4	18-24	Radium-228	1.287	-	pCi/g	482948	1352082
A9P1-53-5-RM	53	5	24-30	Radium-228	1.185	-	pCi/g	482948	1352082
A9P1-53-6-RM	53	6	30-36	Radium-228	0.873	-	pCi/g	482948	1352082
A9P1-54-1-RM	54	1	0-6	Radium-228	1.079	-	pCi/g	482945	1352085
A9P1-54-2-RM	54	2	6-12	Radium-228	1.227	-	pCi/g	482945	1352085
A9P1-54-3-RM	54	3	12-18	Radium-228	1.329	-	pCi/g	482945	1352085
A9P1-54-4-RM	54	4	18-24	Radium-228	1.234	-	pCi/g	482945	1352085
A9P1-54-5-RM	54	5	24-30	Radium-228	1.226	-	pCi/g	482945	1352085
A9P1-54-6-RM	54	6	30-36	Radium-228	0.825	-	pCi/g	482945	1352085
A9P1-55-1-RM	55	1	0-6	Radium-228	1.118	-	pCi/g	482941.9	1352082
A9P1-55-2-RM	55	2	6-12	Radium-228	1.121	-	pCi/g	482941.9	1352082
A9P1-55-3-RM	55	3	12-18	Radium-228	1.296	-	pCi/g	482941.9	1352082
A9P1-55-4-RM	55	4	18-24	Radium-228	1.331	-	pCi/g	482941.9	1352082
A9P1-55-5-RM	55	5	24-30	Radium-228	1.118	-	pCi/g	482941.9	1352082
A9P1-55-6-RM	55	6	30-36	Radium-228	0.637	-	pCi/g	482941.9	1352082
A9P1-56-1-RM	56	1	0-6	Radium-228	1.064	-	pCi/g	482548.4	1352061
A9P1-56-2-RM	56	2	6-12	Radium-228	1.261	-	pCi/g	482548.4	1352061
A9P1-56-3-RM	56	3	12-18	Radium-228	1.356	-	pCi/g	482548.4	1352061
A9P1-56-4-RM	56	4	18-24	Radium-228	1.174	-	pCi/g	482548.4	1352061
A9P1-56-5-RM	56	5	24-30	Radium-228	1.273	-	pCi/g	482548.4	1352061
A9P1-56-6-RM	56	6	30-36	Radium-228	0.952	-	pCi/g	482548.4	1352061
A9P1-57-1-RM	57	1	0-6	Radium-228	0.954	-	pCi/g	482545.5	1352064
A9P1-57-2-RM	57	2	6-12	Radium-228	1.057	-	pCi/g	482545.5	1352064
A9P1-57-3-RM	57	3	12-18	Radium-228	1.387	-	pCi/g	482545.5	1352064
A9P1-57-4-RM	57	4	18-24	Radium-228	1.301	-	pCi/g	482545.5	1352064
A9P1-57-5-RM	57	5	24-30	Radium-228	1.234	-	pCi/g	482545.5	1352064
A9P1-57-6-RM	57	6	30-36	Radium-228	1.089	-	pCi/g	482545.5	1352064
A9P1-58-1-RM	58	1	0-6	Radium-228	1.063	-	pCi/g	482542.5	1352061
A9P1-58-2-RM	58	2	6-12	Radium-228	1.219	-	pCi/g	482542.5	1352061
A9P1-58-3-RM	58	3	12-18	Radium-228	1.322	-	pCi/g	482542.5	1352061
A9P1-58-4-RM	58	4	18-24	Radium-228	1.24	-	pCi/g	482542.5	1352061
A9P1-58-5-RM	58	5	24-30	Radium-228	0.953	-	pCi/g	482542.5	1352061
A9P1-58-6-RM	58	6	30-36	Radium-228	1.254	-	pCi/g	482542.5	1352061
A9P1-59-1-RM	59	1	0-6	Radium-228	1.03	-	pCi/g	482545.6	1352058
A9P1-59-2-RM	59	2	6-12	Radium-228	1.142	-	pCi/g	482545.6	1352058
A9P1-59-3-RM	59	3	12-18	Radium-228	1.391	-	pCi/g	482545.6	1352058
A9P1-59-4-RM	59	4	18-24	Radium-228	1.208	-	pCi/g	482545.6	1352058
A9P1-59-5-RM	59	5	24-30	Radium-228	1.127	-	pCi/g	482545.6	1352058
A9P1-59-6-RM	59	6	30-36	Radium-228	0.867	-	pCi/g	482545.6	1352058
A9P1-60-1-RM	60	1	0-6	Radium-228	1.101	-	pCi/g	482460	1352195
A9P1-60-2-RM	60	2	6-12	Radium-228	0.907	-	pCi/g	482460	1352195
A9P1-60-3-RM	60	3	12-18	Radium-228	1.238	-	pCi/g	482460	1352195

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-60-4-RM	60	4	18-24	Radium-228	1.359	-	pCi/g	482460	1352195
A9P1-60-5-RM	60	5	24-30	Radium-228	1.341	-	pCi/g	482460	1352195
A9P1-60-6-RM	60	6	30-36	Radium-228	0.987	-	pCi/g	482460	1352195
A9P1-61-1-RM	61	1	0-6	Radium-228	1.102	-	pCi/g	482457	1352198
A9P1-61-2-RM	61	2	6-12	Radium-228	1.116	-	pCi/g	482457	1352198
A9P1-61-3-RM	61	3	12-18	Radium-228	1.196	-	pCi/g	482457	1352198
A9P1-61-4-RM	61	4	18-24	Radium-228	1.265	-	pCi/g	482457	1352198
A9P1-61-5-RM	61	5	24-30	Radium-228	1.163	-	pCi/g	482457	1352198
A9P1-61-6-RM	61	6	30-36	Radium-228	0.761	-	pCi/g	482457	1352198
A9P1-62-1-RM	62	1	0-6	Radium-228	1.071	-	pCi/g	482454.1	1352195
A9P1-62-2-RM	62	2	6-12	Radium-228	1.156	-	pCi/g	482454.1	1352195
A9P1-62-3-RM	62	3	12-18	Radium-228	1.208	-	pCi/g	482454.1	1352195
A9P1-62-4-RM	62	4	18-24	Radium-228	1.22	-	pCi/g	482454.1	1352195
A9P1-62-5-RM	62	5	24-30	Radium-228	1.096	-	pCi/g	482454.1	1352195
A9P1-62-6-RM	62	6	30-36	Radium-228	1.045	-	pCi/g	482454.1	1352195
A9P1-63-1-RM	63	1	0-6	Radium-228	1.044	-	pCi/g	482457	1352193
A9P1-63-2-RM	63	2	6-12	Radium-228	1.096	-	pCi/g	482457	1352193
A9P1-63-3-RM	63	3	12-18	Radium-228	1.185	-	pCi/g	482457	1352193
A9P1-63-4-RM	63	4	18-24	Radium-228	1.14	-	pCi/g	482457	1352193
A9P1-63-5-RM	63	5	24-30	Radium-228	0.802	-	pCi/g	482457	1352193
A9P1-63-6-RM	63	6	30-36	Radium-228	0.692	-	pCi/g	482457	1352193
A9P1-64-1-RM	64	1	0-6	Radium-228	1.032	-	pCi/g	481951	1352032
A9P1-64-2-RM	64	2	6-12	Radium-228	1.178	-	pCi/g	481951	1352032
A9P1-64-3-RM	64	3	12-18	Radium-228	1.105	-	pCi/g	481951	1352032
A9P1-64-4-RM	64	4	18-24	Radium-228	0.732	-	pCi/g	481951	1352032
A9P1-64-5-RM	64	5	24-30	Radium-228	0.75	-	pCi/g	481951	1352032
A9P1-64-6-RM	64	6	30-36	Radium-228	0.665	-	pCi/g	481951	1352032
A9P1-65-1-RM	65	1	0-6	Radium-228	1.036	-	pCi/g	481948	1352035
A9P1-65-2-RM	65	2	6-12	Radium-228	1.243	-	pCi/g	481948	1352035
A9P1-65-3-RM	65	3	12-18	Radium-228	1.046	-	pCi/g	481948	1352035
A9P1-65-4-RM	65	4	18-24	Radium-228	0.691	-	pCi/g	481948	1352035
A9P1-65-5-RM	65	5	24-30	Radium-228	0.6	-	pCi/g	481948	1352035
A9P1-65-6-RM	65	6	30-36	Radium-228	0.81	-	pCi/g	481948	1352035
A9P1-66-1-RM	66	1	0-6	Radium-228	1.069	-	pCi/g	481945.1	1352032
A9P1-66-2-RM	66	2	6-12	Radium-228	1.194	-	pCi/g	481945.1	1352032
A9P1-66-3-RM	66	3	12-18	Radium-228	1.066	-	pCi/g	481945.1	1352032
A9P1-66-4-RM	66	4	18-24	Radium-228	0.911	-	pCi/g	481945.1	1352032
A9P1-66-5-RM	66	5	24-30	Radium-228	0.682	-	pCi/g	481945.1	1352032
A9P1-66-6-RM	66	6	30-36	Radium-228	0.733	-	pCi/g	481945.1	1352032
A9P1-67-1-RM	67	1	0-6	Radium-228	0.497	-	pCi/g	481947.9	1352029
A9P1-67-2-RM	67	2	6-12	Radium-228	0.446	-	pCi/g	481947.9	1352029
A9P1-67-3-RM	67	3	12-18	Radium-228	0.633	-	pCi/g	481947.9	1352029
A9P1-67-4-RM	67	4	18-24	Radium-228	0.745	-	pCi/g	481947.9	1352029
A9P1-67-5-RM	67	5	24-30	Radium-228	0.72	-	pCi/g	481947.9	1352029
A9P1-67-6-RM	67	6	30-36	Radium-228	1.052	-	pCi/g	481947.9	1352029
A9PI-P-CONF-1	C1	1	0-6	Radium-228	1.057	-	pCi/g	484222.4	1352462
A9PI-P-CONF-2	C2	1	0-6	Radium-228	1.118	-	pCi/g	484150.8	1352491
A9PI-P-CONF-3	C3	1	0-6	Radium-228	1.044	-	pCi/g	484183.7	1352492
A9PI-P-CONF-4	C4	1	0-6	Radium-228	0.961	-	pCi/g	484244.7	1352422
A9PI-P-CONF-5	C5	1	0-6	Radium-228	1.197	-	pCi/g	484034.4	1352307
A9PI-P-CONF-6	C6	1	0-6	Radium-228	0.789	-	pCi/g	483940.8	1352374
A9PI-P-CONF-7	C7	1	0-6	Radium-228	1.034	-	pCi/g	484218.7	1352491
A9P1-S1-RM	S1	1	0-6	Radium-228	1.042	-	pCi/g	483589.5	1352150
A9P1-S2-RM	S2	1	0-6	Radium-228	0.949	-	pCi/g	483823.2	1352299
A9P1-S3-RM	S3	1	0-6	Radium-228	1.14	-	pCi/g	484170.6	1352530
A9P1-S4-RM	S4	1	0-6	Radium-228	1.066	-	pCi/g	484512.2	1352818
A9PI-P-1-1-R	01	1	0-6	Thorium-228	1.068	-	pCi/g	483068.8	1352711
A9PI-P-1-2-RM	01	2	6-12	Thorium-228	1.024	-	pCi/g	483068.8	1352711
A9PI-P-1-3-RM	01	3	12-18	Thorium-228	1.097	-	pCi/g	483068.8	1352711
A9PI-P-1-4-RM	01	4	18-24	Thorium-228	1.269	-	pCi/g	483068.8	1352711
A9PI-P-1-5-RM	01	5	24-30	Thorium-228	1.288	-	pCi/g	483068.8	1352711
A9PI-P-1-6-RM	01	6	30-36	Thorium-228	1.074	-	pCi/g	483068.8	1352711
A9PI-P-2-1-RM	02	1	0-6	Thorium-228	1.111	-	pCi/g	482697.1	1352339
A9PI-P-2-2-RM	02	2	6-12	Thorium-228	1.082	-	pCi/g	482697.1	1352339

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9PI-P-2-3-RM	02	3	12-18	Thorium-228	1.19	-	pCi/g	482697.1	1352339
A9PI-P-2-4-RM	02	4	18-24	Thorium-228	1.25	-	pCi/g	482697.1	1352339
A9PI-P-2-5-RM	02	5	24-30	Thorium-228	1.148	-	pCi/g	482697.1	1352339
A9PI-P-2-6-RM	02	6	30-36	Thorium-228	1.066	-	pCi/g	482697.1	1352339
A9PI-P-3-1-RM	03	1	0-6	Thorium-228	1.138	-	pCi/g	482559	1351896
A9PI-P-3-2-RM	03	2	6-12	Thorium-228	0.98	-	pCi/g	482559	1351896
A9PI-P-3-3-RM	03	3	12-18	Thorium-228	1.171	-	pCi/g	482559	1351896
A9PI-P-3-4-RM	03	4	18-24	Thorium-228	1.287	-	pCi/g	482559	1351896
A9PI-P-3-5-RM	03	5	24-30	Thorium-228	1.165	-	pCi/g	482559	1351896
A9PI-P-3-6-RM	03	6	30-36	Thorium-228	1.138	-	pCi/g	482559	1351896
A9PI-P-4-1-RM	04	1	0-6	Thorium-228	0.971	-	pCi/g	482253	1351912
A9PI-P-4-2-RM	04	2	6-12	Thorium-228	1.061	-	pCi/g	482253	1351912
A9PI-P-4-3-RM	04	3	12-18	Thorium-228	1.183	-	pCi/g	482253	1351912
A9PI-P-4-4-RM	04	4	18-24	Thorium-228	1.239	-	pCi/g	482253	1351912
A9PI-P-4-5-RM	04	5	24-30	Thorium-228	1.116	-	pCi/g	482253	1351912
A9PI-P-4-6-RM	04	6	30-36	Thorium-228	1.011	-	pCi/g	482253	1351912
A9PI-P-5-1-RM	05	1	0-6	Thorium-228	1.123	-	pCi/g	481900.8	1352121
A9PI-P-5-2-RM	05	2	6-12	Thorium-228	1.116	-	pCi/g	481900.8	1352121
A9PI-P-5-3-RM	05	3	12-18	Thorium-228	1.177	-	pCi/g	481900.8	1352121
A9PI-P-5-4-RM	05	4	18-24	Thorium-228	1.087	-	pCi/g	481900.8	1352121
A9PI-P-5-5-RM	05	5	24-30	Thorium-228	0.9	-	pCi/g	481900.8	1352121
A9PI-P-5-6-RM	05	6	30-36	Thorium-228	0.667	-	pCi/g	481900.8	1352121
A9PI-P-6-1-RM	06	1	0-6	Thorium-228	0.999	-	pCi/g	481482.8	1352458
A9PI-P-6-2-RM	06	2	6-12	Thorium-228	1.07	-	pCi/g	481482.8	1352458
A9PI-P-6-3-RM	06	3	12-18	Thorium-228	1.227	-	pCi/g	481482.8	1352458
A9PI-P-6-4-RM	06	4	18-24	Thorium-228	1.176	-	pCi/g	481482.8	1352458
A9PI-P-6-5-RM	06	5	24-30	Thorium-228	1.104	-	pCi/g	481482.8	1352458
A9PI-P-6-6-RM	06	6	30-36	Thorium-228	1.065	-	pCi/g	481482.8	1352458
A9PI-P-7-1-RM	07	1	0-6	Thorium-228	1.104	-	pCi/g	481368	1351975
A9PI-P-7-2-RM	07	2	6-12	Thorium-228	1.161	-	pCi/g	481368	1351975
A9PI-P-7-3-RM	07	3	12-18	Thorium-228	1.237	-	pCi/g	481368	1351975
A9PI-P-7-4-RM	07	4	18-24	Thorium-228	1.087	-	pCi/g	481368	1351975
A9PI-P-7-5-RM	07	5	24-30	Thorium-228	0.943	-	pCi/g	481368	1351975
A9PI-P-7-6-RM	07	6	30-36	Thorium-228	0.786	-	pCi/g	481368	1351975
A9PI-P-8-1-RM	08	1	0-6	Thorium-228	0.923	-	pCi/g	482944.9	1352082
A9PI-P-8-2-RM	08	2	6-12	Thorium-228	1.069	-	pCi/g	482944.9	1352082
A9PI-P-8-3-RM	08	3	12-18	Thorium-228	1.208	-	pCi/g	482944.9	1352082
A9PI-P-8-4-RM	08	4	18-24	Thorium-228	1.186	-	pCi/g	482944.9	1352082
A9PI-P-8-5-RM	08	5	24-30	Thorium-228	1.189	-	pCi/g	482944.9	1352082
A9PI-P-8-6-RM	08	6	30-36	Thorium-228	1.122	-	pCi/g	482944.9	1352082
A9PI-P-9-1-RM	09	1	0-6	Thorium-228	0.993	-	pCi/g	482669.1	1352062
A9PI-P-9-2-RM	09	2	6-12	Thorium-228	1.22	-	pCi/g	482669.1	1352062
A9PI-P-9-3-RM	09	3	12-18	Thorium-228	1.263	-	pCi/g	482669.1	1352062
A9PI-P-9-4-RM	09	4	18-24	Thorium-228	1.102	-	pCi/g	482669.1	1352062
A9PI-P-9-5-RM	09	5	24-30	Thorium-228	1.084	-	pCi/g	482669.1	1352062
A9PI-P-9-6-RM	09	6	30-36	Thorium-228	1.008	-	pCi/g	482669.1	1352062
A9P1-10-1-RM	10	1	0-6	Thorium-228	1.027	-	pCi/g	482545.5	1352061
A9P1-10-2-RM	10	2	6-12	Thorium-228	1.131	-	pCi/g	482545.5	1352061
A9P1-10-3-RM	10	3	12-18	Thorium-228	1.221	-	pCi/g	482545.5	1352061
A9P1-10-4-RM	10	4	18-24	Thorium-228	1.251	-	pCi/g	482545.5	1352061
A9P1-10-5-RM	10	5	24-30	Thorium-228	1.18	-	pCi/g	482545.5	1352061
A9P1-10-6-RM	10	6	30-36	Thorium-228	1.132	-	pCi/g	482545.5	1352061
A9P1-11-1-RM	11	1	0-6	Thorium-228	1.08	-	pCi/g	481617.4	1351868
A9P1-11-2-RM	11	2	6-12	Thorium-228	1.085	-	pCi/g	481617.4	1351868
A9P1-11-3-RM	11	3	12-18	Thorium-228	1.092	-	pCi/g	481617.4	1351868
A9P1-11-4-RM	11	4	18-24	Thorium-228	1.221	-	pCi/g	481617.4	1351868
A9P1-11-5-RM	11	5	24-30	Thorium-228	1.143	-	pCi/g	481617.4	1351868
A9P1-11-6-RM	11	6	30-36	Thorium-228	1.213	-	pCi/g	481617.4	1351868
A9P1-12-1-RM	12	1	0-6	Thorium-228	1.059	-	pCi/g	481947.8	1352032
A9P1-12-1-RM-D	12	1	0-6	Thorium-228	1.029	-	pCi/g	481947.8	1352032
A9P1-12-1-R-S	12	1	0-6	Thorium-228	1.203	J	pCi/g	481947.8	1352032
A9P1-12-2-RM	12	2	6-12	Thorium-228	1.203	-	pCi/g	481947.8	1352032
A9P1-12-2-RM-D	12	2	6-12	Thorium-228	1.167	-	pCi/g	481947.8	1352032
A9P1-12-2-R-S	12	2	6-12	Thorium-228	1.309	J	pCi/g	481947.8	1352032

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-12-3-RM-D	12	3	12-18	Thorium-228	1.232	-	pCi/g	481947.8	1352032
A9P1-12-3-RM	12	3	12-18	Thorium-228	1.16	-	pCi/g	481947.8	1352032
A9P1-12-3-R-S	12	3	12-18	Thorium-228	1.348	J	pCi/g	481947.8	1352032
A9P1-12-4-RM	12	4	18-24	Thorium-228	0.885	-	pCi/g	481947.8	1352032
A9P1-12-4-RM-D	12	4	18-24	Thorium-228	0.804	-	pCi/g	481947.8	1352032
A9P1-12-4-R-S	12	4	18-24	Thorium-228	1.206	J	pCi/g	481947.8	1352032
A9P1-12-5-RM	12	5	24-30	Thorium-228	0.741	-	pCi/g	481947.8	1352032
A9P1-12-5-RM-D	12	5	24-30	Thorium-228	0.64	-	pCi/g	481947.8	1352032
A9P1-12-5-R-S	12	5	24-30	Thorium-228	0.939	J	pCi/g	481947.8	1352032
A9P1-12-6-RM	12	6	30-36	Thorium-228	0.658	-	pCi/g	481947.8	1352032
A9P1-12-6-RM-D	12	6	30-36	Thorium-228	0.754	-	pCi/g	481947.8	1352032
A9P1-12-6-R-S	12	6	30-36	Thorium-228	0.806	J	pCi/g	481947.8	1352032
A9P1-13-1-RM	13	1	0-6	Thorium-228	1.006	-	pCi/g	481928.1	1351874
A9P1-13-2-RM	13	2	6-12	Thorium-228	1.078	-	pCi/g	481928.1	1351874
A9P1-13-3-RM	13	3	12-18	Thorium-228	1.178	-	pCi/g	481928.1	1351874
A9P1-13-4-RM	13	4	18-24	Thorium-228	1.218	-	pCi/g	481928.1	1351874
A9P1-13-5-RM	13	5	24-30	Thorium-228	1.176	-	pCi/g	481928.1	1351874
A9P1-13-6-RM	13	6	30-36	Thorium-228	1.174	-	pCi/g	481928.1	1351874
A9P1-14-1-RM	14	1	0-6	Thorium-228	1.052	-	pCi/g	482260.1	1352135
A9P1-14-2-RM	14	2	6-12	Thorium-228	1.068	-	pCi/g	482260.1	1352135
A9P1-14-3-RM	14	3	12-18	Thorium-228	1.224	-	pCi/g	482260.1	1352135
A9P1-14-4-RM	14	4	18-24	Thorium-228	1.122	-	pCi/g	482260.1	1352135
A9P1-14-5-RM	14	5	24-30	Thorium-228	0.838	-	pCi/g	482260.1	1352135
A9P1-14-6-RM	14	6	30-36	Thorium-228	0.776	-	pCi/g	482260.1	1352135
A9P1-15-1-RM	15	1	0-6	Thorium-228	1.043	-	pCi/g	482457	1352195
A9P1-15-2-RM	15	2	6-12	Thorium-228	0.955	-	pCi/g	482457	1352195
A9P1-15-3-RM	15	3	12-18	Thorium-228	1.286	-	pCi/g	482457	1352195
A9P1-15-4-RM	15	4	18-24	Thorium-228	1.256	-	pCi/g	482457	1352195
A9P1-15-5-RM	15	5	24-30	Thorium-228	1.125	-	pCi/g	482457	1352195
A9P1-15-6-RM	15	6	30-36	Thorium-228	0.992	-	pCi/g	482457	1352195
A9P1-16-1-RM	16	1	0-6	Thorium-228	1.072	-	pCi/g	482659	1352226
A9P1-16-2-RM	16	2	6-12	Thorium-228	1.096	-	pCi/g	482659	1352226
A9P1-16-3-RM	16	3	12-18	Thorium-228	1.339	-	pCi/g	482659	1352226
A9P1-16-4-RM	16	4	18-24	Thorium-228	1.18	-	pCi/g	482659	1352226
A9P1-16-5-RM	16	5	24-30	Thorium-228	1.228	-	pCi/g	482659	1352226
A9P1-16-6-RM	16	6	30-36	Thorium-228	0.836	-	pCi/g	482659	1352226
A9P1-17-1-RM	17	1	0-6	Thorium-228	1.04	-	pCi/g	482858.6	1352235
A9P1-17-2-RM	17	2	6-12	Thorium-228	0.988	-	pCi/g	482858.6	1352235
A9P1-17-3-RM	17	3	12-18	Thorium-228	1.146	-	pCi/g	482858.6	1352235
A9P1-17-4-RM	17	4	18-24	Thorium-228	1.301	-	pCi/g	482858.6	1352235
A9P1-17-5-RM	17	5	24-30	Thorium-228	1.096	-	pCi/g	482858.6	1352235
A9P1-17-6-RM	17	6	30-36	Thorium-228	0.76	-	pCi/g	482858.6	1352235
A9P1-18-1-RM	18	1	0-6	Thorium-228	1.093	-	pCi/g	483050.6	1352194
A9P1-18-2-RM	18	2	6-12	Thorium-228	1.13	-	pCi/g	483050.6	1352194
A9P1-18-3-RM	18	3	12-18	Thorium-228	1.211	-	pCi/g	483050.6	1352194
A9P1-18-4-RM	18	4	18-24	Thorium-228	1.219	-	pCi/g	483050.6	1352194
A9P1-18-5-RM	18	5	24-30	Thorium-228	1.19	-	pCi/g	483050.6	1352194
A9P1-18-6-RM	18	6	30-36	Thorium-228	1.146	-	pCi/g	483050.6	1352194
A9P1-19-1-RM	19	1	0-6	Thorium-228	1.108	-	pCi/g	483202.3	1352071
A9P1-19-2-RM	19	2	6-12	Thorium-228	1.166	-	pCi/g	483202.3	1352071
A9P1-19-3-RM	19	3	12-18	Thorium-228	1.228	-	pCi/g	483202.3	1352071
A9P1-19-4-RM	19	4	18-24	Thorium-228	1.207	-	pCi/g	483202.3	1352071
A9P1-19-5-RM	19	5	24-30	Thorium-228	1.094	-	pCi/g	483202.3	1352071
A9P1-19-6-RM	19	6	30-36	Thorium-228	0.816	-	pCi/g	483202.3	1352071
A9P1-20-1-RM	20	1	0-6	Thorium-228	1.057	-	pCi/g	483319.2	1352135
A9P1-20-2-RM	20	2	6-12	Thorium-228	1.082	-	pCi/g	483319.2	1352135
A9P1-20-3-RM	20	3	12-18	Thorium-228	1.318	-	pCi/g	483319.2	1352135
A9P1-20-4-RM	20	4	18-24	Thorium-228	1.263	-	pCi/g	483319.2	1352135
A9P1-20-5-RM	20	5	24-30	Thorium-228	1.017	-	pCi/g	483319.2	1352135
A9P1-20-6-RM	20	6	30-36	Thorium-228	0.909	-	pCi/g	483319.2	1352135
A9P1-21-1-RM	21	1	0-6	Thorium-228	1.171	-	pCi/g	483309.2	1352267
A9P1-21-2-RM	21	2	6-12	Thorium-228	1.137	-	pCi/g	483309.2	1352267
A9P1-21-3-RM	21	3	12-18	Thorium-228	1.045	-	pCi/g	483309.2	1352267
A9P1-21-4-RM	21	4	18-24	Thorium-228	1.003	-	pCi/g	483309.2	1352267

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-21-5-RM	21	5	24-30	Thorium-228	1.157	-	pCi/g	483309.2	1352267
A9P1-21-6-RM	21	6	30-36	Thorium-228	0.964	-	pCi/g	483309.2	1352267
A9P1-22-1-RM	22	1	0-6	Thorium-228	1.095	-	pCi/g	483177.2	1352765
A9P1-22-2-RM	22	2	6-12	Thorium-228	1.084	-	pCi/g	483177.2	1352765
A9P1-22-3-RM	22	3	12-18	Thorium-228	1.16	-	pCi/g	483177.2	1352765
A9P1-22-4-RM	22	4	18-24	Thorium-228	1.321	-	pCi/g	483177.2	1352765
A9P1-22-5-RM	22	5	24-30	Thorium-228	1.281	-	pCi/g	483177.2	1352765
A9P1-22-6-RM	22	6	30-36	Thorium-228	1.184	-	pCi/g	483177.2	1352765
A9P1-23-1-RM	23	1	0-6	Thorium-228	1.017	-	pCi/g	482889.5	1352655
A9P1-23-2-RM	23	2	6-12	Thorium-228	1.153	-	pCi/g	482889.5	1352655
A9P1-23-3-RM	23	3	12-18	Thorium-228	1.282	-	pCi/g	482889.5	1352655
A9P1-23-4-RM	23	4	18-24	Thorium-228	1.305	-	pCi/g	482889.5	1352655
A9P1-23-5-RM	23	5	24-30	Thorium-228	1.281	-	pCi/g	482889.5	1352655
A9P1-23-6-RM	23	6	30-36	Thorium-228	1.21	-	pCi/g	482889.5	1352655
A9P1-24-1-RM	24	1	0-6	Thorium-228	1.129	-	pCi/g	482400.6	1352584
A9P1-24-2-RM	24	2	6-12	Thorium-228	1.268	-	pCi/g	482400.6	1352584
A9P1-24-3-RM	24	3	12-18	Thorium-228	1.277	-	pCi/g	482400.6	1352584
A9P1-24-4-RM	24	4	18-24	Thorium-228	1.184	-	pCi/g	482400.6	1352584
A9P1-24-5-RM	24	5	24-30	Thorium-228	1.114	-	pCi/g	482400.6	1352584
A9P1-24-6-RM	24	6	30-36	Thorium-228	0.939	-	pCi/g	482400.6	1352584
A9P1-25-1-RM	25	1	0-6	Thorium-228	0.941	-	pCi/g	482006.7	1352544
A9P1-25-2-RM	25	2	6-12	Thorium-228	1.126	-	pCi/g	482006.7	1352544
A9P1-25-3-RM	25	3	12-18	Thorium-228	1.175	-	pCi/g	482006.7	1352544
A9P1-25-4-RM	25	4	18-24	Thorium-228	1.076	-	pCi/g	482006.7	1352544
A9P1-25-5-RM	25	5	24-30	Thorium-228	1.14	-	pCi/g	482006.7	1352544
A9P1-25-6-RM	25	6	30-36	Thorium-228	0.829	-	pCi/g	482006.7	1352544
A9P1-26-1-RM	26	1	0-6	Thorium-228	0.797	-	pCi/g	481748.5	1352486
A9P1-26-2-RM	26	2	6-12	Thorium-228	0.89	-	pCi/g	481748.5	1352486
A9P1-26-3-RM	26	3	12-18	Thorium-228	1.127	-	pCi/g	481748.5	1352486
A9P1-26-4-RM	26	4	18-24	Thorium-228	1.202	-	pCi/g	481748.5	1352486
A9P1-26-5-RM	26	5	24-30	Thorium-228	0.948	-	pCi/g	481748.5	1352486
A9P1-26-6-RM	26	6	30-36	Thorium-228	0.7	-	pCi/g	481748.5	1352486
A9P1-27-1-RM	27	1	0-6	Thorium-228	1.19	-	pCi/g	481391.1	1352541
A9P1-27-2-RM	27	2	6-12	Thorium-228	1.025	-	pCi/g	481391.1	1352541
A9P1-27-3-RM	27	3	12-18	Thorium-228	1.086	-	pCi/g	481391.1	1352541
A9P1-27-4-RM	27	4	18-24	Thorium-228	0.85	-	pCi/g	481391.1	1352541
A9P1-27-5-RM	27	5	24-30	Thorium-228	0.694	-	pCi/g	481391.1	1352541
A9P1-27-6-RM	27	6	30-36	Thorium-228	0.695	-	pCi/g	481391.1	1352541
A9P1-28-1-RM	28	1	0-6	Thorium-228	1.207	J	pCi/g	481040.8	1351882
A9P1-28-2-RM	28	2	6-12	Thorium-228	1.085	-	pCi/g	481040.8	1351882
A9P1-28-3-RM	28	3	12-18	Thorium-228	1.207	-	pCi/g	481040.8	1351882
A9P1-28-4-RM	28	4	18-24	Thorium-228	1.262	-	pCi/g	481040.8	1351882
A9P1-28-5-RM	28	5	24-30	Thorium-228	1.244	-	pCi/g	481040.8	1351882
A9P1-28-6-RM	28	6	30-36	Thorium-228	1.127	-	pCi/g	481040.8	1351882
A9P1-29-1-RM	29	1	0-6	Thorium-228	1.106	-	pCi/g	481378.8	1352165
A9P1-29-2-RM	29	2	6-12	Thorium-228	1.1	-	pCi/g	481378.8	1352165
A9P1-29-3-RM	29	3	12-18	Thorium-228	1.239	-	pCi/g	481378.8	1352165
A9P1-29-4-RM	29	4	18-24	Thorium-228	1.187	-	pCi/g	481378.8	1352165
A9P1-29-5-RM	29	5	24-30	Thorium-228	0.882	-	pCi/g	481378.8	1352165
A9P1-29-6-RM	29	6	30-36	Thorium-228	0.677	-	pCi/g	481378.8	1352165
A9P1-30-1-RM	30	1	0-6	Thorium-228	1.04	-	pCi/g	482269.7	1352285
A9P1-30-2-RM	30	2	6-12	Thorium-228	1.154	-	pCi/g	482269.7	1352285
A9P1-30-3-RM	30	3	12-18	Thorium-228	1.206	-	pCi/g	482269.7	1352285
A9P1-30-4-RM	30	4	18-24	Thorium-228	1.154	-	pCi/g	482269.7	1352285
A9P1-30-5-RM	30	5	24-30	Thorium-228	0.849	-	pCi/g	482269.7	1352285
A9P1-30-6-RM	30	6	30-36	Thorium-228	0.888	-	pCi/g	482269.7	1352285
A9P1-31-1-RM	31	1	0-6	Thorium-228	1.064	-	pCi/g	481711.3	1352217
A9P1-31-2-RM	31	2	6-12	Thorium-228	1.063	-	pCi/g	481711.3	1352217
A9P1-31-3-RM	31	3	12-18	Thorium-228	1.009	-	pCi/g	481711.3	1352217
A9P1-31-4-RM	31	4	18-24	Thorium-228	1.244	-	pCi/g	481711.3	1352217
A9P1-31-5-RM	31	5	24-30	Thorium-228	1.14	-	pCi/g	481711.3	1352217
A9P1-31-6-RM	31	6	30-36	Thorium-228	1.151	-	pCi/g	481711.3	1352217
A9P1-32-1-RM	32	1	0-6	Thorium-228	1.033	-	pCi/g	482011.3	1352288
A9P1-32-2-RM	32	2	6-12	Thorium-228	1.039	-	pCi/g	482011.3	1352288

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-32-3-RM	32	3	12-18	Thorium-228	1.217	-	pCi/g	482011.3	1352288
A9P1-32-4-RM	32	4	18-24	Thorium-228	1.206	-	pCi/g	482011.3	1352288
A9P1-32-5-RM	32	5	24-30	Thorium-228	1.073	-	pCi/g	482011.3	1352288
A9P1-32-6-RM	32	6	30-36	Thorium-228	0.919	-	pCi/g	482011.3	1352288
A9P1-33-1-RM	33	1	0-6	Thorium-228	1.181	-	pCi/g	482337.3	1352410
A9P1-33-2-RM	33	2	6-12	Thorium-228	1.173	-	pCi/g	482337.3	1352410
A9P1-33-3-RM	33	3	12-18	Thorium-228	1.293	-	pCi/g	482337.3	1352410
A9P1-33-4-RM	33	4	18-24	Thorium-228	1.183	-	pCi/g	482337.3	1352410
A9P1-33-5-RM	33	5	24-30	Thorium-228	1.236	-	pCi/g	482337.3	1352410
A9P1-33-6-RM	33	6	30-36	Thorium-228	1.265	-	pCi/g	482337.3	1352410
A9P1-34-1-RM	34	1	0-6	Thorium-228	1.108	-	pCi/g	482915.1	1352391
A9P1-34-2-RM	34	2	6-12	Thorium-228	1.176	-	pCi/g	482915.1	1352391
A9P1-34-3-RM	34	3	12-18	Thorium-228	1.309	-	pCi/g	482915.1	1352391
A9P1-34-4-RM	34	4	18-24	Thorium-228	1.189	-	pCi/g	482915.1	1352391
A9P1-34-5-RM	34	5	24-30	Thorium-228	1.246	-	pCi/g	482915.1	1352391
A9P1-34-6-RM	34	6	30-36	Thorium-228	0.98	-	pCi/g	482915.1	1352391
A9P1-35-1-RM	35	1	0-6	Thorium-228	1.062	-	pCi/g	483153.8	1352337
A9P1-35-2-RM	35	2	6-12	Thorium-228	1.106	-	pCi/g	483153.8	1352337
A9P1-35-3-RM	35	3	12-18	Thorium-228	1.232	-	pCi/g	483153.8	1352337
A9P1-35-4-RM	35	4	18-24	Thorium-228	1.211	-	pCi/g	483153.8	1352337
A9P1-35-5-RM	35	5	24-30	Thorium-228	1.264	-	pCi/g	483153.8	1352337
A9P1-35-6-RM	35	6	30-36	Thorium-228	1.264	-	pCi/g	483153.8	1352337
A9P1-36-1-RM	36	1	0-6	Thorium-228	1.004	-	pCi/g	482127.6	1351933
A9P1-36-2-RM	36	2	6-12	Thorium-228	1.1	-	pCi/g	482127.6	1351933
A9P1-36-3-RM	36	3	12-18	Thorium-228	1.215	-	pCi/g	482127.6	1351933
A9P1-36-4-RM	36	4	18-24	Thorium-228	1.277	-	pCi/g	482127.6	1351933
A9P1-36-5-RM	36	5	24-30	Thorium-228	1.197	-	pCi/g	482127.6	1351933
A9P1-36-6-RM	36	6	30-36	Thorium-228	1.101	-	pCi/g	482127.6	1351933
A9P1-37-1-RM	37	1	0-6	Thorium-228	1.134	-	pCi/g	482421.4	1351936
A9P1-37-2-RM	37	2	6-12	Thorium-228	1.118	-	pCi/g	482421.4	1351936
A9P1-37-3-RM	37	3	12-18	Thorium-228	1.133	-	pCi/g	482421.4	1351936
A9P1-37-4-RM	37	4	18-24	Thorium-228	1.23	-	pCi/g	482421.4	1351936
A9P1-37-5-RM	37	5	24-30	Thorium-228	1.153	-	pCi/g	482421.4	1351936
A9P1-37-6-RM	37	6	30-36	Thorium-228	1.009	-	pCi/g	482421.4	1351936
A9P1-38-1-RM	38	1	0-6	Thorium-228	1.075	-	pCi/g	482811.8	1352088
A9P1-38-2-RM	38	2	6-12	Thorium-228	1.093	-	pCi/g	482811.8	1352088
A9P1-38-3-RM	38	3	12-18	Thorium-228	1.263	-	pCi/g	482811.8	1352088
A9P1-38-4-RM	38	4	18-24	Thorium-228	1.051	-	pCi/g	482811.8	1352088
A9P1-38-5-RM	38	5	24-30	Thorium-228	0.848	-	pCi/g	482811.8	1352088
A9P1-38-6-RM	38	6	30-36	Thorium-228	0.781	-	pCi/g	482811.8	1352088
A9P1-39-1-RM	39	1	0-6	Thorium-228	1.166	-	pCi/g	483063.7	1352114
A9P1-39-2-RM	39	2	6-12	Thorium-228	1.188	-	pCi/g	483063.7	1352114
A9P1-39-3-RM	39	3	12-18	Thorium-228	1.238	-	pCi/g	483063.7	1352114
A9P1-39-4-RM	39	4	18-24	Thorium-228	1.261	-	pCi/g	483063.7	1352114
A9P1-39-5-RM	39	5	24-30	Thorium-228	1.215	-	pCi/g	483063.7	1352114
A9P1-39-6-RM	39	6	30-36	Thorium-228	0.544	-	pCi/g	483063.7	1352114
A9P1-40-1-RM	40	1	0-6	Thorium-228	1.067	-	pCi/g	483176	1352541
A9P1-40-2-RM	40	2	6-12	Thorium-228	1.185	-	pCi/g	483176	1352541
A9P1-40-3-RM	40	3	12-18	Thorium-228	1.17	-	pCi/g	483176	1352541
A9P1-40-4-RM	40	4	18-24	Thorium-228	1.159	-	pCi/g	483176	1352541
A9P1-40-5-RM	40	5	24-30	Thorium-228	0.983	-	pCi/g	483176	1352541
A9P1-40-6-RM	40	6	30-36	Thorium-228	0.964	-	pCi/g	483176	1352541
A9P1-41-1-RM	41	1	0-6	Thorium-228	1.222	-	pCi/g	482567.1	1352330
A9P1-41-2-RM	41	2	6-12	Thorium-228	1.184	-	pCi/g	482567.1	1352330
A9P1-41-3-RM	41	3	12-18	Thorium-228	1.137	-	pCi/g	482567.1	1352330
A9P1-41-4-RM	41	4	18-24	Thorium-228	1.215	-	pCi/g	482567.1	1352330
A9P1-41-5-RM	41	5	24-30	Thorium-228	1.128	-	pCi/g	482567.1	1352330
A9P1-41-6-RM	41	6	30-36	Thorium-228	1.139	-	pCi/g	482567.1	1352330
A9P1-42-1-RM	42	1	0-6	Thorium-228	0.697	-	pCi/g	482385.6	1352056
A9P1-42-2-RM	42	2	6-12	Thorium-228	1.177	-	pCi/g	482385.6	1352056
A9P1-42-3-RM	42	3	12-18	Thorium-228	0.878	-	pCi/g	482385.6	1352056
A9P1-42-4-RM	42	4	18-24	Thorium-228	1.022	-	pCi/g	482385.6	1352056
A9P1-42-5-RM	42	5	24-30	Thorium-228	1.131	-	pCi/g	482385.6	1352056
A9P1-42-6-RM	42	6	30-36	Thorium-228	0.994	-	pCi/g	482385.6	1352056

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-43-1-RM	43	1	0-6	Thorium-228	1.097	-	pCi/g	481623.1	1352042
A9P1-43-2-RM	43	2	6-12	Thorium-228	1.132	-	pCi/g	481623.1	1352042
A9P1-43-3-RM	43	3	12-18	Thorium-228	0.987	-	pCi/g	481623.1	1352042
A9P1-43-4-RM	43	4	18-24	Thorium-228	1.161	-	pCi/g	481623.1	1352042
A9P1-43-5-RM	43	5	24-30	Thorium-228	0.877	-	pCi/g	481623.1	1352042
A9P1-43-6-RM	43	6	30-36	Thorium-228	0.71	-	pCi/g	481623.1	1352042
A9P1-44-1-RM	44	1	0-6	Thorium-228	1.154	-	pCi/g	481041.4	1352031
A9P1-44-2-RM	44	2	6-12	Thorium-228	1.144	-	pCi/g	481041.4	1352031
A9P1-44-3-RM	44	3	12-18	Thorium-228	1.19	-	pCi/g	481041.4	1352031
A9P1-44-4-RM	44	4	18-24	Thorium-228	0.997	-	pCi/g	481041.4	1352031
A9P1-44-5-RM	44	5	24-30	Thorium-228	1.094	-	pCi/g	481041.4	1352031
A9P1-44-6-RM	44	6	30-36	Thorium-228	1.011	-	pCi/g	481041.4	1352031
A9P1-45-1-RM	45	1	0-6	Thorium-228	0.971	-	pCi/g	480891.6	1351881
A9P1-45-2-RM	45	2	6-12	Thorium-228	1.071	-	pCi/g	480891.6	1351881
A9P1-45-3-RM	45	3	12-18	Thorium-228	1.11	-	pCi/g	480891.6	1351881
A9P1-45-4-RM	45	4	18-24	Thorium-228	1.015	-	pCi/g	480891.6	1351881
A9P1-45-5-RM	45	5	24-30	Thorium-228	1.147	-	pCi/g	480891.6	1351881
A9P1-45-6-RM	45	6	30-36	Thorium-228	1.144	-	pCi/g	480891.6	1351881
A9P1-46-1-RM	46	1	0-6	Thorium-228	1.103	-	pCi/g	482659.7	1352641
A9P1-46-2-RM	46	2	6-12	Thorium-228	1.276	-	pCi/g	482659.7	1352641
A9P1-46-3-RM	46	3	12-18	Thorium-228	1.273	-	pCi/g	482659.7	1352641
A9P1-46-4-RM	46	4	18-24	Thorium-228	0.858	-	pCi/g	482659.7	1352641
A9P1-46-5-RM	46	5	24-30	Thorium-228	0.714	-	pCi/g	482659.7	1352641
A9P1-46-6-RM	46	6	30-36	Thorium-228	0.822	-	pCi/g	482659.7	1352641
A9P1-47-1-RM	47	1	0-6	Thorium-228	0.779	-	pCi/g	481749	1352585
A9P1-47-2-RM	47	2	6-12	Thorium-228	0.832	-	pCi/g	481749	1352585
A9P1-47-3-RM	47	3	12-18	Thorium-228	0.691	-	pCi/g	481749	1352585
A9P1-47-4-RM	47	4	18-24	Thorium-228	0.714	-	pCi/g	481749	1352585
A9P1-47-5-RM	47	5	24-30	Thorium-228	0.674	-	pCi/g	481749	1352585
A9P1-47-6-RM	47	6	30-36	Thorium-228	0.669	-	pCi/g	481749	1352585
A9P1-48-1-RM	48	1	0-6	Thorium-228	1.052	-	pCi/g	482656	1352226
A9P1-48-2-RM	48	2	6-12	Thorium-228	1.081	-	pCi/g	482656	1352226
A9P1-48-3-RM	48	3	12-18	Thorium-228	1.285	-	pCi/g	482656	1352226
A9P1-48-4-RM	48	4	18-24	Thorium-228	1.263	-	pCi/g	482656	1352226
A9P1-48-5-RM	48	5	24-30	Thorium-228	1.141	-	pCi/g	482656	1352226
A9P1-48-6-RM	48	6	30-36	Thorium-228	0.917	-	pCi/g	482656	1352226
A9P1-49-1-RM	49	1	0-6	Thorium-228	1.126	-	pCi/g	482662.1	1352226
A9P1-49-2-RM	49	2	6-12	Thorium-228	1.069	-	pCi/g	482662.1	1352226
A9P1-49-3-RM	49	3	12-18	Thorium-228	1.201	-	pCi/g	482662.1	1352226
A9P1-49-4-RM	49	4	18-24	Thorium-228	1.233	-	pCi/g	482662.1	1352226
A9P1-49-5-RM	49	5	24-30	Thorium-228	0.982	-	pCi/g	482662.1	1352226
A9P1-49-6-RM	49	6	30-36	Thorium-228	0.844	-	pCi/g	482662.1	1352226
A9P1-50-1-RM	50	1	0-6	Thorium-228	1.112	-	pCi/g	482659.1	1352223
A9P1-50-2-RM	50	2	6-12	Thorium-228	1.157	-	pCi/g	482659.1	1352223
A9P1-50-3-RM	50	3	12-18	Thorium-228	1.294	-	pCi/g	482659.1	1352223
A9P1-50-4-RM	50	4	18-24	Thorium-228	1.2	-	pCi/g	482659.1	1352223
A9P1-50-5-RM	50	5	24-30	Thorium-228	1.13	-	pCi/g	482659.1	1352223
A9P1-50-6-RM	50	6	30-36	Thorium-228	0.819	-	pCi/g	482659.1	1352223
A9P1-51-1-RM	51	1	0-6	Thorium-228	1.03	-	pCi/g	482659	1352229
A9P1-51-2-RM	51	2	6-12	Thorium-228	1.181	-	pCi/g	482659	1352229
A9P1-51-3-RM	51	3	12-18	Thorium-228	1.225	-	pCi/g	482659	1352229
A9P1-51-4-RM	51	4	18-24	Thorium-228	1.133	-	pCi/g	482659	1352229
A9P1-51-5-RM	51	5	24-30	Thorium-228	1.178	-	pCi/g	482659	1352229
A9P1-51-6-RM	51	6	30-36	Thorium-228	0.985	-	pCi/g	482659	1352229
A9P1-53-1-RM	53	1	0-6	Thorium-228	0.996	-	pCi/g	482948	1352082
A9P1-53-2-RM	53	2	6-12	Thorium-228	1.109	-	pCi/g	482948	1352082
A9P1-53-3-RM	53	3	12-18	Thorium-228	1.199	-	pCi/g	482948	1352082
A9P1-53-4-RM	53	4	18-24	Thorium-228	1.284	-	pCi/g	482948	1352082
A9P1-53-5-RM	53	5	24-30	Thorium-228	1.18	-	pCi/g	482948	1352082
A9P1-53-6-RM	53	6	30-36	Thorium-228	0.856	-	pCi/g	482948	1352082
A9P1-54-1-RM	54	1	0-6	Thorium-228	1.064	-	pCi/g	482945	1352085
A9P1-54-2-RM	54	2	6-12	Thorium-228	1.21	-	pCi/g	482945	1352085
A9P1-54-3-RM	54	3	12-18	Thorium-228	1.292	-	pCi/g	482945	1352085
A9P1-54-4-RM	54	4	18-24	Thorium-228	1.217	-	pCi/g	482945	1352085

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-54-5-RM	54	5	24-30	Thorium-228	1.23	-	pCi/g	482945	1352085
A9P1-54-6-RM	54	6	30-36	Thorium-228	0.82	-	pCi/g	482945	1352085
A9P1-55-1-RM	55	1	0-6	Thorium-228	1.075	-	pCi/g	482941.9	1352082
A9P1-55-2-RM	55	2	6-12	Thorium-228	1.089	-	pCi/g	482941.9	1352082
A9P1-55-3-RM	55	3	12-18	Thorium-228	1.281	-	pCi/g	482941.9	1352082
A9P1-55-4-RM	55	4	18-24	Thorium-228	1.305	-	pCi/g	482941.9	1352082
A9P1-55-5-RM	55	5	24-30	Thorium-228	1.107	-	pCi/g	482941.9	1352082
A9P1-55-6-RM	55	6	30-36	Thorium-228	0.601	-	pCi/g	482941.9	1352082
A9P1-56-1-RM	56	1	0-6	Thorium-228	1.056	-	pCi/g	482548.4	1352061
A9P1-56-2-RM	56	2	6-12	Thorium-228	1.224	-	pCi/g	482548.4	1352061
A9P1-56-3-RM	56	3	12-18	Thorium-228	1.319	-	pCi/g	482548.4	1352061
A9P1-56-4-RM	56	4	18-24	Thorium-228	1.161	-	pCi/g	482548.4	1352061
A9P1-56-5-RM	56	5	24-30	Thorium-228	1.248	-	pCi/g	482548.4	1352061
A9P1-56-6-RM	56	6	30-36	Thorium-228	0.927	-	pCi/g	482548.4	1352061
A9P1-57-1-RM	57	1	0-6	Thorium-228	0.884	-	pCi/g	482545.5	1352064
A9P1-57-2-RM	57	2	6-12	Thorium-228	1.041	-	pCi/g	482545.5	1352064
A9P1-57-3-RM	57	3	12-18	Thorium-228	1.368	-	pCi/g	482545.5	1352064
A9P1-57-4-RM	57	4	18-24	Thorium-228	1.293	-	pCi/g	482545.5	1352064
A9P1-57-5-RM	57	5	24-30	Thorium-228	1.223	-	pCi/g	482545.5	1352064
A9P1-57-6-RM	57	6	30-36	Thorium-228	1.074	-	pCi/g	482545.5	1352064
A9P1-58-1-RM	58	1	0-6	Thorium-228	1.05	-	pCi/g	482542.5	1352061
A9P1-58-2-RM	58	2	6-12	Thorium-228	1.2	-	pCi/g	482542.5	1352061
A9P1-58-3-RM	58	3	12-18	Thorium-228	1.287	-	pCi/g	482542.5	1352061
A9P1-58-4-RM	58	4	18-24	Thorium-228	1.224	-	pCi/g	482542.5	1352061
A9P1-58-5-RM	58	5	24-30	Thorium-228	0.932	-	pCi/g	482542.5	1352061
A9P1-58-6-RM	58	6	30-36	Thorium-228	1.225	-	pCi/g	482542.5	1352061
A9P1-59-1-RM	59	1	0-6	Thorium-228	1.042	-	pCi/g	482545.6	1352058
A9P1-59-2-RM	59	2	6-12	Thorium-228	1.113	-	pCi/g	482545.6	1352058
A9P1-59-3-RM	59	3	12-18	Thorium-228	1.365	-	pCi/g	482545.6	1352058
A9P1-59-4-RM	59	4	18-24	Thorium-228	1.184	-	pCi/g	482545.6	1352058
A9P1-59-5-RM	59	5	24-30	Thorium-228	1.115	-	pCi/g	482545.6	1352058
A9P1-59-6-RM	59	6	30-36	Thorium-228	0.868	-	pCi/g	482545.6	1352058
A9P1-60-1-RM	60	1	0-6	Thorium-228	1.059	-	pCi/g	482460	1352195
A9P1-60-2-RM	60	2	6-12	Thorium-228	0.904	-	pCi/g	482460	1352195
A9P1-60-3-RM	60	3	12-18	Thorium-228	1.227	-	pCi/g	482460	1352195
A9P1-60-4-RM	60	4	18-24	Thorium-228	1.366	-	pCi/g	482460	1352195
A9P1-60-5-RM	60	5	24-30	Thorium-228	1.322	-	pCi/g	482460	1352195
A9P1-60-6-RM	60	6	30-36	Thorium-228	0.989	-	pCi/g	482460	1352195
A9P1-61-1-RM	61	1	0-6	Thorium-228	1.053	-	pCi/g	482457	1352198
A9P1-61-2-RM	61	2	6-12	Thorium-228	1.062	-	pCi/g	482457	1352198
A9P1-61-3-RM	61	3	12-18	Thorium-228	1.197	-	pCi/g	482457	1352198
A9P1-61-4-RM	61	4	18-24	Thorium-228	1.217	-	pCi/g	482457	1352198
A9P1-61-5-RM	61	5	24-30	Thorium-228	1.15	-	pCi/g	482457	1352198
A9P1-61-6-RM	61	6	30-36	Thorium-228	0.737	-	pCi/g	482457	1352198
A9P1-62-1-RM	62	1	0-6	Thorium-228	1.054	-	pCi/g	482454.1	1352195
A9P1-62-2-RM	62	2	6-12	Thorium-228	1.139	-	pCi/g	482454.1	1352195
A9P1-62-3-RM	62	3	12-18	Thorium-228	1.184	-	pCi/g	482454.1	1352195
A9P1-62-4-RM	62	4	18-24	Thorium-228	1.176	-	pCi/g	482454.1	1352195
A9P1-62-5-RM	62	5	24-30	Thorium-228	1.033	-	pCi/g	482454.1	1352195
A9P1-62-6-RM	62	6	30-36	Thorium-228	1.017	-	pCi/g	482454.1	1352195
A9P1-63-1-RM	63	1	0-6	Thorium-228	1.014	-	pCi/g	482457	1352193
A9P1-63-2-RM	63	2	6-12	Thorium-228	1.09	-	pCi/g	482457	1352193
A9P1-63-3-RM	63	3	12-18	Thorium-228	1.166	-	pCi/g	482457	1352193
A9P1-63-4-RM	63	4	18-24	Thorium-228	1.143	-	pCi/g	482457	1352193
A9P1-63-5-RM	63	5	24-30	Thorium-228	0.8	-	pCi/g	482457	1352193
A9P1-63-6-RM	63	6	30-36	Thorium-228	0.672	-	pCi/g	482457	1352193
A9P1-64-1-RM	64	1	0-6	Thorium-228	1.006	-	pCi/g	481951	1352032
A9P1-64-2-RM	64	2	6-12	Thorium-228	1.165	-	pCi/g	481951	1352032
A9P1-64-3-RM	64	3	12-18	Thorium-228	1.098	-	pCi/g	481951	1352032
A9P1-64-4-RM	64	4	18-24	Thorium-228	0.712	-	pCi/g	481951	1352032
A9P1-64-5-RM	64	5	24-30	Thorium-228	0.733	-	pCi/g	481951	1352032
A9P1-64-6-RM	64	6	30-36	Thorium-228	0.653	-	pCi/g	481951	1352032
A9P1-65-1-RM	65	1	0-6	Thorium-228	1.035	-	pCi/g	481948	1352035
A9P1-65-2-RM	65	2	6-12	Thorium-228	1.249	-	pCi/g	481948	1352035

000079

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-65-3-RM	65	3	12-18	Thorium-228	1.021	-	pCi/g	481948	1352035
A9P1-65-4-RM	65	4	18-24	Thorium-228	0.675	-	pCi/g	481948	1352035
A9P1-65-5-RM	65	5	24-30	Thorium-228	0.61	-	pCi/g	481948	1352035
A9P1-65-6-RM	65	6	30-36	Thorium-228	0.804	-	pCi/g	481948	1352035
A9P1-66-1-RM	66	1	0-6	Thorium-228	1.042	-	pCi/g	481945.1	1352032
A9P1-66-2-RM	66	2	6-12	Thorium-228	1.162	-	pCi/g	481945.1	1352032
A9P1-66-3-RM	66	3	12-18	Thorium-228	1.044	-	pCi/g	481945.1	1352032
A9P1-66-4-RM	66	4	18-24	Thorium-228	0.883	-	pCi/g	481945.1	1352032
A9P1-66-5-RM	66	5	24-30	Thorium-228	0.673	-	pCi/g	481945.1	1352032
A9P1-66-6-RM	66	6	30-36	Thorium-228	0.735	-	pCi/g	481945.1	1352032
A9P1-67-1-RM	67	1	0-6	Thorium-228	0.492	-	pCi/g	481947.9	1352029
A9P1-67-2-RM	67	2	6-12	Thorium-228	0.452	-	pCi/g	481947.9	1352029
A9P1-67-3-RM	67	3	12-18	Thorium-228	0.609	-	pCi/g	481947.9	1352029
A9P1-67-4-RM	67	4	18-24	Thorium-228	0.736	-	pCi/g	481947.9	1352029
A9P1-67-5-RM	67	5	24-30	Thorium-228	0.695	-	pCi/g	481947.9	1352029
A9P1-67-6-RM	67	6	30-36	Thorium-228	1.038	-	pCi/g	481947.9	1352029
A9PI-P-CONF-1	C1	1	0-6	Thorium-228	1.032	-	pCi/g	484222.4	1352462
A9PI-P-CONF-2	C2	1	0-6	Thorium-228	1.111	-	pCi/g	484150.8	1352491
A9PI-P-CONF-3	C3	1	0-6	Thorium-228	1.028	-	pCi/g	484183.7	1352492
A9PI-P-CONF-4	C4	1	0-6	Thorium-228	0.9	-	pCi/g	484244.7	1352422
A9PI-P-CONF-5	C5	1	0-6	Thorium-228	1.176	-	pCi/g	484034.4	1352307
A9PI-P-CONF-6	C6	1	0-6	Thorium-228	0.781	-	pCi/g	483940.8	1352374
A9PI-P-CONF-7	C7	1	0-6	Thorium-228	1.013	-	pCi/g	484218.7	1352491
A9P1-S1-RM	S1	1	0-6	Thorium-228	1.013	-	pCi/g	483589.5	1352150
A9P1-S2-RM	S2	1	0-6	Thorium-228	0.946	-	pCi/g	483823.2	1352299
A9P1-S3-RM	S3	1	0-6	Thorium-228	1.139	-	pCi/g	484170.6	1352530
A9P1-S4-RM	S4	1	0-6	Thorium-228	1.018	-	pCi/g	484512.2	1352818
A9PI-P-1-1-R	01	1	0-6	Thorium-232	1.108	-	pCi/g	483068.8	1352711
A9PI-P-1-2-RM	01	2	6-12	Thorium-232	1.044	-	pCi/g	483068.8	1352711
A9PI-P-1-3-RM	01	3	12-18	Thorium-232	1.107	-	pCi/g	483068.8	1352711
A9PI-P-1-4-RM	01	4	18-24	Thorium-232	1.292	-	pCi/g	483068.8	1352711
A9PI-P-1-5-RM	01	5	24-30	Thorium-232	1.297	-	pCi/g	483068.8	1352711
A9PI-P-1-6-RM	01	6	30-36	Thorium-232	1.111	-	pCi/g	483068.8	1352711
A9PI-P-2-1-RM	02	1	0-6	Thorium-232	1.099	-	pCi/g	482697.1	1352339
A9PI-P-2-2-RM	02	2	6-12	Thorium-232	1.089	-	pCi/g	482697.1	1352339
A9PI-P-2-3-RM	02	3	12-18	Thorium-232	1.207	-	pCi/g	482697.1	1352339
A9PI-P-2-4-RM	02	4	18-24	Thorium-232	1.266	-	pCi/g	482697.1	1352339
A9PI-P-2-5-RM	02	5	24-30	Thorium-232	1.162	-	pCi/g	482697.1	1352339
A9PI-P-2-6-RM	02	6	30-36	Thorium-232	1.086	-	pCi/g	482697.1	1352339
A9PI-P-3-1-RM	03	1	0-6	Thorium-232	1.132	-	pCi/g	482559	1351896
A9PI-P-3-2-RM	03	2	6-12	Thorium-232	1.016	-	pCi/g	482559	1351896
A9PI-P-3-3-RM	03	3	12-18	Thorium-232	1.204	-	pCi/g	482559	1351896
A9PI-P-3-4-RM	03	4	18-24	Thorium-232	1.318	-	pCi/g	482559	1351896
A9PI-P-3-5-RM	03	5	24-30	Thorium-232	1.172	-	pCi/g	482559	1351896
A9PI-P-3-6-RM	03	6	30-36	Thorium-232	1.157	-	pCi/g	482559	1351896
A9PI-P-4-1-RM	04	1	0-6	Thorium-232	1.008	-	pCi/g	482253	1351912
A9PI-P-4-2-RM	04	2	6-12	Thorium-232	1.085	-	pCi/g	482253	1351912
A9PI-P-4-3-RM	04	3	12-18	Thorium-232	1.208	-	pCi/g	482253	1351912
A9PI-P-4-4-RM	04	4	18-24	Thorium-232	1.241	-	pCi/g	482253	1351912
A9PI-P-4-5-RM	04	5	24-30	Thorium-232	1.131	-	pCi/g	482253	1351912
A9PI-P-4-6-RM	04	6	30-36	Thorium-232	1.042	-	pCi/g	482253	1351912
A9PI-P-5-1-RM	05	1	0-6	Thorium-232	1.166	-	pCi/g	481900.8	1352121
A9PI-P-5-2-RM	05	2	6-12	Thorium-232	1.134	-	pCi/g	481900.8	1352121
A9PI-P-5-3-RM	05	3	12-18	Thorium-232	1.191	-	pCi/g	481900.8	1352121
A9PI-P-5-4-RM	05	4	18-24	Thorium-232	1.111	-	pCi/g	481900.8	1352121
A9PI-P-5-5-RM	05	5	24-30	Thorium-232	0.924	-	pCi/g	481900.8	1352121
A9PI-P-5-6-RM	05	6	30-36	Thorium-232	0.694	-	pCi/g	481900.8	1352121
A9PI-P-6-1-RM	06	1	0-6	Thorium-232	1.01	-	pCi/g	481482.8	1352458
A9PI-P-6-2-RM	06	2	6-12	Thorium-232	1.091	-	pCi/g	481482.8	1352458
A9PI-P-6-3-RM	06	3	12-18	Thorium-232	1.215	-	pCi/g	481482.8	1352458
A9PI-P-6-4-RM	06	4	18-24	Thorium-232	1.19	-	pCi/g	481482.8	1352458
A9PI-P-6-5-RM	06	5	24-30	Thorium-232	1.14	-	pCi/g	481482.8	1352458
A9PI-P-6-6-RM	06	6	30-36	Thorium-232	1.07	-	pCi/g	481482.8	1352458
A9PI-P-7-1-RM	07	1	0-6	Thorium-232	1.122	-	pCi/g	481368	1351975

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9PI-P-7-2-RM	07	2	6-12	Thorium-232	1.173	-	pCi/g	481368	1351975
A9PI-P-7-3-RM	07	3	12-18	Thorium-232	1.258	-	pCi/g	481368	1351975
A9PI-P-7-4-RM	07	4	18-24	Thorium-232	1.085	-	pCi/g	481368	1351975
A9PI-P-7-5-RM	07	5	24-30	Thorium-232	0.94	-	pCi/g	481368	1351975
A9PI-P-7-6-RM	07	6	30-36	Thorium-232	0.774	-	pCi/g	481368	1351975
A9PI-P-8-1-RM	08	1	0-6	Thorium-232	0.984	-	pCi/g	482944.9	1352082
A9PI-P-8-2-RM	08	2	6-12	Thorium-232	1.112	-	pCi/g	482944.9	1352082
A9PI-P-8-3-RM	08	3	12-18	Thorium-232	1.222	-	pCi/g	482944.9	1352082
A9PI-P-8-4-RM	08	4	18-24	Thorium-232	1.19	-	pCi/g	482944.9	1352082
A9PI-P-8-5-RM	08	5	24-30	Thorium-232	1.213	-	pCi/g	482944.9	1352082
A9PI-P-8-6-RM	08	6	30-36	Thorium-232	1.153	-	pCi/g	482944.9	1352082
A9PI-P-9-1-RM	09	1	0-6	Thorium-232	1.046	-	pCi/g	482669.1	1352062
A9PI-P-9-2-RM	09	2	6-12	Thorium-232	1.246	-	pCi/g	482669.1	1352062
A9PI-P-9-3-RM	09	3	12-18	Thorium-232	1.289	-	pCi/g	482669.1	1352062
A9PI-P-9-4-RM	09	4	18-24	Thorium-232	1.11	-	pCi/g	482669.1	1352062
A9PI-P-9-5-RM	09	5	24-30	Thorium-232	1.118	-	pCi/g	482669.1	1352062
A9PI-P-9-6-RM	09	6	30-36	Thorium-232	1.016	-	pCi/g	482669.1	1352062
A9P1-10-1-RM	10	1	0-6	Thorium-232	1.069	-	pCi/g	482545.5	1352061
A9P1-10-2-RM	10	2	6-12	Thorium-232	1.162	-	pCi/g	482545.5	1352061
A9P1-10-3-RM	10	3	12-18	Thorium-232	1.22	-	pCi/g	482545.5	1352061
A9P1-10-4-RM	10	4	18-24	Thorium-232	1.271	-	pCi/g	482545.5	1352061
A9P1-10-5-RM	10	5	24-30	Thorium-232	1.215	-	pCi/g	482545.5	1352061
A9P1-10-6-RM	10	6	30-36	Thorium-232	1.154	-	pCi/g	482545.5	1352061
A9P1-11-1-RM	11	1	0-6	Thorium-232	1.1	-	pCi/g	481617.4	1351868
A9P1-11-2-RM	11	2	6-12	Thorium-232	1.092	J	pCi/g	481617.4	1351868
A9P1-11-3-RM	11	3	12-18	Thorium-232	1.103	J	pCi/g	481617.4	1351868
A9P1-11-4-RM	11	4	18-24	Thorium-232	1.231	-	pCi/g	481617.4	1351868
A9P1-11-5-RM	11	5	24-30	Thorium-232	1.137	-	pCi/g	481617.4	1351868
A9P1-11-6-RM	11	6	30-36	Thorium-232	1.258	-	pCi/g	481617.4	1351868
A9P1-12-1-RM	12	1	0-6	Thorium-232	1.091	-	pCi/g	481947.8	1352032
A9P1-12-1-RM-D	12	1	0-6	Thorium-232	1.052	-	pCi/g	481947.8	1352032
A9P1-12-1-R-S	12	1	0-6	Thorium-232	1.128	J	pCi/g	481947.8	1352032
A9P1-12-2-RM	12	2	6-12	Thorium-232	1.238	-	pCi/g	481947.8	1352032
A9P1-12-2-RM-D	12	2	6-12	Thorium-232	1.176	-	pCi/g	481947.8	1352032
A9P1-12-2-R-S	12	2	6-12	Thorium-232	1.256	J	pCi/g	481947.8	1352032
A9P1-12-3-RM-D	12	3	12-18	Thorium-232	1.266	-	pCi/g	481947.8	1352032
A9P1-12-3-RM	12	3	12-18	Thorium-232	1.18	-	pCi/g	481947.8	1352032
A9P1-12-3-R-S	12	3	12-18	Thorium-232	1.284	J	pCi/g	481947.8	1352032
A9P1-12-4-RM	12	4	18-24	Thorium-232	0.908	-	pCi/g	481947.8	1352032
A9P1-12-4-RM-D	12	4	18-24	Thorium-232	0.804	-	pCi/g	481947.8	1352032
A9P1-12-4-R-S	12	4	18-24	Thorium-232	1.151	J	pCi/g	481947.8	1352032
A9P1-12-5-RM	12	5	24-30	Thorium-232	0.77	J	pCi/g	481947.8	1352032
A9P1-12-5-RM-D	12	5	24-30	Thorium-232	0.648	J	pCi/g	481947.8	1352032
A9P1-12-5-R-S	12	5	24-30	Thorium-232	0.905	J	pCi/g	481947.8	1352032
A9P1-12-6-RM-D	12	6	30-36	Thorium-232	0.759	-	pCi/g	481947.8	1352032
A9P1-12-6-RM	12	6	30-36	Thorium-232	0.673	-	pCi/g	481947.8	1352032
A9P1-12-6-R-S	12	6	30-36	Thorium-232	0.769	J	pCi/g	481947.8	1352032
A9P1-13-1-RM	13	1	0-6	Thorium-232	1.052	-	pCi/g	481928.1	1351874
A9P1-13-2-RM	13	2	6-12	Thorium-232	1.094	-	pCi/g	481928.1	1351874
A9P1-13-3-RM	13	3	12-18	Thorium-232	1.214	-	pCi/g	481928.1	1351874
A9P1-13-4-RM	13	4	18-24	Thorium-232	1.227	-	pCi/g	481928.1	1351874
A9P1-13-5-RM	13	5	24-30	Thorium-232	1.186	-	pCi/g	481928.1	1351874
A9P1-13-6-RM	13	6	30-36	Thorium-232	1.209	-	pCi/g	481928.1	1351874
A9P1-14-1-RM	14	1	0-6	Thorium-232	1.08	-	pCi/g	482260.1	1352135
A9P1-14-2-RM	14	2	6-12	Thorium-232	1.074	-	pCi/g	482260.1	1352135
A9P1-14-3-RM	14	3	12-18	Thorium-232	1.246	-	pCi/g	482260.1	1352135
A9P1-14-4-RM	14	4	18-24	Thorium-232	1.137	-	pCi/g	482260.1	1352135
A9P1-14-5-RM	14	5	24-30	Thorium-232	0.87	-	pCi/g	482260.1	1352135
A9P1-14-6-RM	14	6	30-36	Thorium-232	0.794	-	pCi/g	482260.1	1352135
A9P1-15-1-RM	15	1	0-6	Thorium-232	1.041	-	pCi/g	482457	1352195
A9P1-15-2-RM	15	2	6-12	Thorium-232	0.973	-	pCi/g	482457	1352195
A9P1-15-3-RM	15	3	12-18	Thorium-232	1.322	-	pCi/g	482457	1352195
A9P1-15-4-RM	15	4	18-24	Thorium-232	1.304	-	pCi/g	482457	1352195
A9P1-15-5-RM	15	5	24-30	Thorium-232	1.126	-	pCi/g	482457	1352195

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-15-6-RM	15	6	30-36	Thorium-232	1.022	-	pCi/g	482457	1352195
A9P1-16-1-RM	16	1	0-6	Thorium-232	1.072	-	pCi/g	482659	1352226
A9P1-16-2-RM	16	2	6-12	Thorium-232	1.115	-	pCi/g	482659	1352226
A9P1-16-3-RM	16	3	12-18	Thorium-232	1.355	-	pCi/g	482659	1352226
A9P1-16-4-RM	16	4	18-24	Thorium-232	1.186	-	pCi/g	482659	1352226
A9P1-16-5-RM	16	5	24-30	Thorium-232	1.213	-	pCi/g	482659	1352226
A9P1-16-6-RM	16	6	30-36	Thorium-232	0.834	-	pCi/g	482659	1352226
A9P1-17-1-RM	17	1	0-6	Thorium-232	1.061	-	pCi/g	482858.6	1352235
A9P1-17-2-RM	17	2	6-12	Thorium-232	1.017	-	pCi/g	482858.6	1352235
A9P1-17-3-RM	17	3	12-18	Thorium-232	1.191	-	pCi/g	482858.6	1352235
A9P1-17-4-RM	17	4	18-24	Thorium-232	1.273	-	pCi/g	482858.6	1352235
A9P1-17-5-RM	17	5	24-30	Thorium-232	1.11	-	pCi/g	482858.6	1352235
A9P1-17-6-RM	17	6	30-36	Thorium-232	0.779	-	pCi/g	482858.6	1352235
A9P1-18-1-RM	18	1	0-6	Thorium-232	1.093	-	pCi/g	483050.6	1352194
A9P1-18-2-RM	18	2	6-12	Thorium-232	1.151	-	pCi/g	483050.6	1352194
A9P1-18-3-RM	18	3	12-18	Thorium-232	1.212	-	pCi/g	483050.6	1352194
A9P1-18-4-RM	18	4	18-24	Thorium-232	1.228	-	pCi/g	483050.6	1352194
A9P1-18-5-RM	18	5	24-30	Thorium-232	1.24	-	pCi/g	483050.6	1352194
A9P1-18-6-RM	18	6	30-36	Thorium-232	1.153	-	pCi/g	483050.6	1352194
A9P1-19-1-RM	19	1	0-6	Thorium-232	1.172	-	pCi/g	483202.3	1352071
A9P1-19-2-RM	19	2	6-12	Thorium-232	1.205	-	pCi/g	483202.3	1352071
A9P1-19-3-RM	19	3	12-18	Thorium-232	1.226	-	pCi/g	483202.3	1352071
A9P1-19-4-RM	19	4	18-24	Thorium-232	1.221	-	pCi/g	483202.3	1352071
A9P1-19-5-RM	19	5	24-30	Thorium-232	1.133	-	pCi/g	483202.3	1352071
A9P1-19-6-RM	19	6	30-36	Thorium-232	0.836	-	pCi/g	483202.3	1352071
A9P1-20-1-RM	20	1	0-6	Thorium-232	1.081	-	pCi/g	483319.2	1352135
A9P1-20-2-RM	20	2	6-12	Thorium-232	1.101	-	pCi/g	483319.2	1352135
A9P1-20-3-RM	20	3	12-18	Thorium-232	1.325	-	pCi/g	483319.2	1352135
A9P1-20-4-RM	20	4	18-24	Thorium-232	1.296	-	pCi/g	483319.2	1352135
A9P1-20-5-RM	20	5	24-30	Thorium-232	1.017	-	pCi/g	483319.2	1352135
A9P1-20-6-RM	20	6	30-36	Thorium-232	0.916	-	pCi/g	483319.2	1352135
A9P1-21-1-RM	21	1	0-6	Thorium-232	1.178	-	pCi/g	483309.2	1352267
A9P1-21-2-RM	21	2	6-12	Thorium-232	1.174	-	pCi/g	483309.2	1352267
A9P1-21-3-RM	21	3	12-18	Thorium-232	1.054	-	pCi/g	483309.2	1352267
A9P1-21-4-RM	21	4	18-24	Thorium-232	1.003	-	pCi/g	483309.2	1352267
A9P1-21-5-RM	21	5	24-30	Thorium-232	1.165	-	pCi/g	483309.2	1352267
A9P1-21-6-RM	21	6	30-36	Thorium-232	0.97	-	pCi/g	483309.2	1352267
A9P1-22-1-RM	22	1	0-6	Thorium-232	1.081	-	pCi/g	483177.2	1352765
A9P1-22-2-RM	22	2	6-12	Thorium-232	1.103	-	pCi/g	483177.2	1352765
A9P1-22-3-RM	22	3	12-18	Thorium-232	1.168	-	pCi/g	483177.2	1352765
A9P1-22-4-RM	22	4	18-24	Thorium-232	1.372	-	pCi/g	483177.2	1352765
A9P1-22-5-RM	22	5	24-30	Thorium-232	1.334	-	pCi/g	483177.2	1352765
A9P1-22-6-RM	22	6	30-36	Thorium-232	1.207	-	pCi/g	483177.2	1352765
A9P1-23-1-RM	23	1	0-6	Thorium-232	1.039	-	pCi/g	482889.5	1352655
A9P1-23-2-RM	23	2	6-12	Thorium-232	1.153	-	pCi/g	482889.5	1352655
A9P1-23-3-RM	23	3	12-18	Thorium-232	1.293	-	pCi/g	482889.5	1352655
A9P1-23-4-RM	23	4	18-24	Thorium-232	1.337	-	pCi/g	482889.5	1352655
A9P1-23-5-RM	23	5	24-30	Thorium-232	1.297	-	pCi/g	482889.5	1352655
A9P1-23-6-RM	23	6	30-36	Thorium-232	1.223	-	pCi/g	482889.5	1352655
A9P1-24-1-RM	24	1	0-6	Thorium-232	1.143	-	pCi/g	482400.6	1352584
A9P1-24-2-RM	24	2	6-12	Thorium-232	1.273	-	pCi/g	482400.6	1352584
A9P1-24-3-RM	24	3	12-18	Thorium-232	1.274	-	pCi/g	482400.6	1352584
A9P1-24-4-RM	24	4	18-24	Thorium-232	1.19	-	pCi/g	482400.6	1352584
A9P1-24-5-RM	24	5	24-30	Thorium-232	1.146	-	pCi/g	482400.6	1352584
A9P1-24-6-RM	24	6	30-36	Thorium-232	0.943	-	pCi/g	482400.6	1352584
A9P1-25-1-RM	25	1	0-6	Thorium-232	0.947	-	pCi/g	482006.7	1352544
A9P1-25-2-RM	25	2	6-12	Thorium-232	1.157	-	pCi/g	482006.7	1352544
A9P1-25-3-RM	25	3	12-18	Thorium-232	1.169	-	pCi/g	482006.7	1352544
A9P1-25-4-RM	25	4	18-24	Thorium-232	1.101	-	pCi/g	482006.7	1352544
A9P1-25-5-RM	25	5	24-30	Thorium-232	1.146	-	pCi/g	482006.7	1352544
A9P1-25-6-RM	25	6	30-36	Thorium-232	0.871	-	pCi/g	482006.7	1352544
A9P1-26-1-RM	26	1	0-6	Thorium-232	0.793	-	pCi/g	481748.5	1352486
A9P1-26-2-RM	26	2	6-12	Thorium-232	0.914	-	pCi/g	481748.5	1352486
A9P1-26-3-RM	26	3	12-18	Thorium-232	1.141	-	pCi/g	481748.5	1352486

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-26-4-RM	26	4	18-24	Thorium-232	1.195	-	pCi/g	481748.5	1352486
A9P1-26-5-RM	26	5	24-30	Thorium-232	0.994	-	pCi/g	481748.5	1352486
A9P1-26-6-RM	26	6	30-36	Thorium-232	0.708	-	pCi/g	481748.5	1352486
A9P1-27-1-RM	27	1	0-6	Thorium-232	1.209	-	pCi/g	481391.1	1352541
A9P1-27-2-RM	27	2	6-12	Thorium-232	1.047	-	pCi/g	481391.1	1352541
A9P1-27-3-RM	27	3	12-18	Thorium-232	1.097	-	pCi/g	481391.1	1352541
A9P1-27-4-RM	27	4	18-24	Thorium-232	0.874	-	pCi/g	481391.1	1352541
A9P1-27-5-RM	27	5	24-30	Thorium-232	0.712	-	pCi/g	481391.1	1352541
A9P1-27-6-RM	27	6	30-36	Thorium-232	0.672	-	pCi/g	481391.1	1352541
A9P1-28-1-RM	28	1	0-6	Thorium-232	1.235	J	pCi/g	481040.8	1351882
A9P1-28-2-RM	28	2	6-12	Thorium-232	1.159	-	pCi/g	481040.8	1351882
A9P1-28-3-RM	28	3	12-18	Thorium-232	1.219	-	pCi/g	481040.8	1351882
A9P1-28-4-RM	28	4	18-24	Thorium-232	1.267	-	pCi/g	481040.8	1351882
A9P1-28-5-RM	28	5	24-30	Thorium-232	1.258	-	pCi/g	481040.8	1351882
A9P1-28-6-RM	28	6	30-36	Thorium-232	1.152	-	pCi/g	481040.8	1351882
A9P1-29-1-RM	29	1	0-6	Thorium-232	1.116	-	pCi/g	481378.8	1352165
A9P1-29-2-RM	29	2	6-12	Thorium-232	1.119	-	pCi/g	481378.8	1352165
A9P1-29-3-RM	29	3	12-18	Thorium-232	1.25	-	pCi/g	481378.8	1352165
A9P1-29-4-RM	29	4	18-24	Thorium-232	1.197	-	pCi/g	481378.8	1352165
A9P1-29-5-RM	29	5	24-30	Thorium-232	0.884	-	pCi/g	481378.8	1352165
A9P1-29-6-RM	29	6	30-36	Thorium-232	0.67	-	pCi/g	481378.8	1352165
A9P1-30-1-RM	30	1	0-6	Thorium-232	1.055	-	pCi/g	482269.7	1352285
A9P1-30-2-RM	30	2	6-12	Thorium-232	1.162	-	pCi/g	482269.7	1352285
A9P1-30-3-RM	30	3	12-18	Thorium-232	1.219	-	pCi/g	482269.7	1352285
A9P1-30-4-RM	30	4	18-24	Thorium-232	1.192	-	pCi/g	482269.7	1352285
A9P1-30-5-RM	30	5	24-30	Thorium-232	0.866	-	pCi/g	482269.7	1352285
A9P1-30-6-RM	30	6	30-36	Thorium-232	0.913	-	pCi/g	482269.7	1352285
A9P1-31-1-RM	31	1	0-6	Thorium-232	1.079	-	pCi/g	481711.3	1352217
A9P1-31-2-RM	31	2	6-12	Thorium-232	1.087	-	pCi/g	481711.3	1352217
A9P1-31-3-RM	31	3	12-18	Thorium-232	1.045	-	pCi/g	481711.3	1352217
A9P1-31-4-RM	31	4	18-24	Thorium-232	1.245	-	pCi/g	481711.3	1352217
A9P1-31-5-RM	31	5	24-30	Thorium-232	1.19	-	pCi/g	481711.3	1352217
A9P1-31-6-RM	31	6	30-36	Thorium-232	1.183	-	pCi/g	481711.3	1352217
A9P1-32-1-RM	32	1	0-6	Thorium-232	1.076	-	pCi/g	482011.3	1352288
A9P1-32-2-RM	32	2	6-12	Thorium-232	1.078	-	pCi/g	482011.3	1352288
A9P1-32-3-RM	32	3	12-18	Thorium-232	1.261	-	pCi/g	482011.3	1352288
A9P1-32-4-RM	32	4	18-24	Thorium-232	1.226	-	pCi/g	482011.3	1352288
A9P1-32-5-RM	32	5	24-30	Thorium-232	1.095	-	pCi/g	482011.3	1352288
A9P1-32-6-RM	32	6	30-36	Thorium-232	0.926	-	pCi/g	482011.3	1352288
A9P1-33-1-RM	33	1	0-6	Thorium-232	1.212	-	pCi/g	482337.3	1352410
A9P1-33-2-RM	33	2	6-12	Thorium-232	1.229	-	pCi/g	482337.3	1352410
A9P1-33-3-RM	33	3	12-18	Thorium-232	1.287	-	pCi/g	482337.3	1352410
A9P1-33-4-RM	33	4	18-24	Thorium-232	1.235	-	pCi/g	482337.3	1352410
A9P1-33-5-RM	33	5	24-30	Thorium-232	1.257	-	pCi/g	482337.3	1352410
A9P1-33-6-RM	33	6	30-36	Thorium-232	1.262	-	pCi/g	482337.3	1352410
A9P1-34-1-RM	34	1	0-6	Thorium-232	1.107	-	pCi/g	482915.1	1352391
A9P1-34-2-RM	34	2	6-12	Thorium-232	1.166	-	pCi/g	482915.1	1352391
A9P1-34-3-RM	34	3	12-18	Thorium-232	1.322	-	pCi/g	482915.1	1352391
A9P1-34-4-RM	34	4	18-24	Thorium-232	1.221	-	pCi/g	482915.1	1352391
A9P1-34-5-RM	34	5	24-30	Thorium-232	1.25	-	pCi/g	482915.1	1352391
A9P1-34-6-RM	34	6	30-36	Thorium-232	0.989	-	pCi/g	482915.1	1352391
A9P1-35-1-RM	35	1	0-6	Thorium-232	1.082	-	pCi/g	483153.8	1352337
A9P1-35-2-RM	35	2	6-12	Thorium-232	1.117	-	pCi/g	483153.8	1352337
A9P1-35-3-RM	35	3	12-18	Thorium-232	1.269	-	pCi/g	483153.8	1352337
A9P1-35-4-RM	35	4	18-24	Thorium-232	1.246	-	pCi/g	483153.8	1352337
A9P1-35-5-RM	35	5	24-30	Thorium-232	1.264	-	pCi/g	483153.8	1352337
A9P1-35-6-RM	35	6	30-36	Thorium-232	1.262	-	pCi/g	483153.8	1352337
A9P1-36-1-RM	36	1	0-6	Thorium-232	1.027	-	pCi/g	482127.6	1351933
A9P1-36-2-RM	36	2	6-12	Thorium-232	1.08	-	pCi/g	482127.6	1351933
A9P1-36-3-RM	36	3	12-18	Thorium-232	1.24	-	pCi/g	482127.6	1351933
A9P1-36-4-RM	36	4	18-24	Thorium-232	1.288	-	pCi/g	482127.6	1351933
A9P1-36-5-RM	36	5	24-30	Thorium-232	1.18	-	pCi/g	482127.6	1351933
A9P1-36-6-RM	36	6	30-36	Thorium-232	1.119	-	pCi/g	482127.6	1351933
A9P1-37-1-RM	37	1	0-6	Thorium-232	1.124	-	pCi/g	482421.4	1351936

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-37-2-RM	37	2	6-12	Thorium-232	1.145	-	pCi/g	482421.4	1351936
A9P1-37-3-RM	37	3	12-18	Thorium-232	1.18	-	pCi/g	482421.4	1351936
A9P1-37-4-RM	37	4	18-24	Thorium-232	1.216	-	pCi/g	482421.4	1351936
A9P1-37-5-RM	37	5	24-30	Thorium-232	1.138	-	pCi/g	482421.4	1351936
A9P1-37-6-RM	37	6	30-36	Thorium-232	1.031	-	pCi/g	482421.4	1351936
A9P1-38-1-RM	38	1	0-6	Thorium-232	1.089	-	pCi/g	482811.8	1352088
A9P1-38-2-RM	38	2	6-12	Thorium-232	1.121	-	pCi/g	482811.8	1352088
A9P1-38-3-RM	38	3	12-18	Thorium-232	1.31	-	pCi/g	482811.8	1352088
A9P1-38-4-RM	38	4	18-24	Thorium-232	1.095	-	pCi/g	482811.8	1352088
A9P1-38-5-RM	38	5	24-30	Thorium-232	0.879	-	pCi/g	482811.8	1352088
A9P1-38-6-RM	38	6	30-36	Thorium-232	0.771	-	pCi/g	482811.8	1352088
A9P1-39-1-RM	39	1	0-6	Thorium-232	1.202	-	pCi/g	483063.7	1352114
A9P1-39-2-RM	39	2	6-12	Thorium-232	1.238	-	pCi/g	483063.7	1352114
A9P1-39-3-RM	39	3	12-18	Thorium-232	1.276	-	pCi/g	483063.7	1352114
A9P1-39-4-RM	39	4	18-24	Thorium-232	1.288	-	pCi/g	483063.7	1352114
A9P1-39-5-RM	39	5	24-30	Thorium-232	1.249	-	pCi/g	483063.7	1352114
A9P1-39-6-RM	39	6	30-36	Thorium-232	0.574	-	pCi/g	483063.7	1352114
A9P1-40-1-RM	40	1	0-6	Thorium-232	1.111	-	pCi/g	483176	1352541
A9P1-40-2-RM	40	2	6-12	Thorium-232	1.208	-	pCi/g	483176	1352541
A9P1-40-3-RM	40	3	12-18	Thorium-232	1.188	-	pCi/g	483176	1352541
A9P1-40-4-RM	40	4	18-24	Thorium-232	1.168	-	pCi/g	483176	1352541
A9P1-40-5-RM	40	5	24-30	Thorium-232	1.014	-	pCi/g	483176	1352541
A9P1-40-6-RM	40	6	30-36	Thorium-232	0.985	-	pCi/g	483176	1352541
A9P1-41-1-RM	41	1	0-6	Thorium-232	1.233	-	pCi/g	482567.1	1352330
A9P1-41-2-RM	41	2	6-12	Thorium-232	1.213	-	pCi/g	482567.1	1352330
A9P1-41-3-RM	41	3	12-18	Thorium-232	1.148	-	pCi/g	482567.1	1352330
A9P1-41-4-RM	41	4	18-24	Thorium-232	1.225	-	pCi/g	482567.1	1352330
A9P1-41-5-RM	41	5	24-30	Thorium-232	1.161	-	pCi/g	482567.1	1352330
A9P1-41-6-RM	41	6	30-36	Thorium-232	1.164	-	pCi/g	482567.1	1352330
A9P1-42-1-RM	42	1	0-6	Thorium-232	0.687	-	pCi/g	482385.6	1352056
A9P1-42-2-RM	42	2	6-12	Thorium-232	1.182	-	pCi/g	482385.6	1352056
A9P1-42-3-RM	42	3	12-18	Thorium-232	0.89	-	pCi/g	482385.6	1352056
A9P1-42-4-RM	42	4	18-24	Thorium-232	1.077	-	pCi/g	482385.6	1352056
A9P1-42-5-RM	42	5	24-30	Thorium-232	1.118	-	pCi/g	482385.6	1352056
A9P1-42-6-RM	42	6	30-36	Thorium-232	1.025	-	pCi/g	482385.6	1352056
A9P1-43-1-RM	43	1	0-6	Thorium-232	1.114	-	pCi/g	481623.1	1352042
A9P1-43-2-RM	43	2	6-12	Thorium-232	1.167	-	pCi/g	481623.1	1352042
A9P1-43-3-RM	43	3	12-18	Thorium-232	1.041	-	pCi/g	481623.1	1352042
A9P1-43-4-RM	43	4	18-24	Thorium-232	1.195	-	pCi/g	481623.1	1352042
A9P1-43-5-RM	43	5	24-30	Thorium-232	0.882	-	pCi/g	481623.1	1352042
A9P1-43-6-RM	43	6	30-36	Thorium-232	0.745	-	pCi/g	481623.1	1352042
A9P1-44-1-RM	44	1	0-6	Thorium-232	1.168	-	pCi/g	481041.4	1352031
A9P1-44-2-RM	44	2	6-12	Thorium-232	1.177	-	pCi/g	481041.4	1352031
A9P1-44-3-RM	44	3	12-18	Thorium-232	1.209	-	pCi/g	481041.4	1352031
A9P1-44-4-RM	44	4	18-24	Thorium-232	1.014	-	pCi/g	481041.4	1352031
A9P1-44-5-RM	44	5	24-30	Thorium-232	1.113	-	pCi/g	481041.4	1352031
A9P1-44-6-RM	44	6	30-36	Thorium-232	1.018	-	pCi/g	481041.4	1352031
A9P1-45-1-RM	45	1	0-6	Thorium-232	0.996	-	pCi/g	480891.6	1351881
A9P1-45-2-RM	45	2	6-12	Thorium-232	1.092	-	pCi/g	480891.6	1351881
A9P1-45-3-RM	45	3	12-18	Thorium-232	1.112	-	pCi/g	480891.6	1351881
A9P1-45-4-RM	45	4	18-24	Thorium-232	1.003	-	pCi/g	480891.6	1351881
A9P1-45-5-RM	45	5	24-30	Thorium-232	1.188	-	pCi/g	480891.6	1351881
A9P1-45-6-RM	45	6	30-36	Thorium-232	1.166	-	pCi/g	480891.6	1351881
A9P1-46-1-RM	46	1	0-6	Thorium-232	1.132	-	pCi/g	482659.7	1352641
A9P1-46-2-RM	46	2	6-12	Thorium-232	1.28	-	pCi/g	482659.7	1352641
A9P1-46-3-RM	46	3	12-18	Thorium-232	1.275	-	pCi/g	482659.7	1352641
A9P1-46-4-RM	46	4	18-24	Thorium-232	0.845	-	pCi/g	482659.7	1352641
A9P1-46-5-RM	46	5	24-30	Thorium-232	0.747	-	pCi/g	482659.7	1352641
A9P1-46-6-RM	46	6	30-36	Thorium-232	0.817	-	pCi/g	482659.7	1352641
A9P1-47-1-RM	47	1	0-6	Thorium-232	0.803	-	pCi/g	481749	1352585
A9P1-47-2-RM	47	2	6-12	Thorium-232	0.859	-	pCi/g	481749	1352585
A9P1-47-3-RM	47	3	12-18	Thorium-232	0.696	-	pCi/g	481749	1352585
A9P1-47-4-RM	47	4	18-24	Thorium-232	0.695	-	pCi/g	481749	1352585
A9P1-47-5-RM	47	5	24-30	Thorium-232	0.683	-	pCi/g	481749	1352585

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-47-6-RM	47	6	30-36	Thorium-232	0.693	-	pCi/g	481749	1352585
A9P1-48-1-RM	48	1	0-6	Thorium-232	1.083	-	pCi/g	482656	1352226
A9P1-48-2-RM	48	2	6-12	Thorium-232	1.122	-	pCi/g	482656	1352226
A9P1-48-3-RM	48	3	12-18	Thorium-232	1.309	-	pCi/g	482656	1352226
A9P1-48-4-RM	48	4	18-24	Thorium-232	1.259	-	pCi/g	482656	1352226
A9P1-48-5-RM	48	5	24-30	Thorium-232	1.171	-	pCi/g	482656	1352226
A9P1-48-6-RM	48	6	30-36	Thorium-232	0.93	-	pCi/g	482656	1352226
A9P1-49-1-RM	49	1	0-6	Thorium-232	1.13	-	pCi/g	482662.1	1352226
A9P1-49-2-RM	49	2	6-12	Thorium-232	1.102	-	pCi/g	482662.1	1352226
A9P1-49-3-RM	49	3	12-18	Thorium-232	1.23	-	pCi/g	482662.1	1352226
A9P1-49-4-RM	49	4	18-24	Thorium-232	1.207	-	pCi/g	482662.1	1352226
A9P1-49-5-RM	49	5	24-30	Thorium-232	0.977	-	pCi/g	482662.1	1352226
A9P1-49-6-RM	49	6	30-36	Thorium-232	0.828	-	pCi/g	482662.1	1352226
A9P1-50-1-RM	50	1	0-6	Thorium-232	1.143	-	pCi/g	482659.1	1352223
A9P1-50-2-RM	50	2	6-12	Thorium-232	1.145	-	pCi/g	482659.1	1352223
A9P1-50-3-RM	50	3	12-18	Thorium-232	1.318	-	pCi/g	482659.1	1352223
A9P1-50-4-RM	50	4	18-24	Thorium-232	1.233	-	pCi/g	482659.1	1352223
A9P1-50-5-RM	50	5	24-30	Thorium-232	1.13	-	pCi/g	482659.1	1352223
A9P1-50-6-RM	50	6	30-36	Thorium-232	0.83	-	pCi/g	482659.1	1352223
A9P1-51-1-RM	51	1	0-6	Thorium-232	1.043	-	pCi/g	482659	1352229
A9P1-51-2-RM	51	2	6-12	Thorium-232	1.189	-	pCi/g	482659	1352229
A9P1-51-3-RM	51	3	12-18	Thorium-232	1.238	-	pCi/g	482659	1352229
A9P1-51-4-RM	51	4	18-24	Thorium-232	1.161	-	pCi/g	482659	1352229
A9P1-51-5-RM	51	5	24-30	Thorium-232	1.182	-	pCi/g	482659	1352229
A9P1-51-6-RM	51	6	30-36	Thorium-232	0.978	-	pCi/g	482659	1352229
A9P1-53-1-RM	53	1	0-6	Thorium-232	1.041	-	pCi/g	482948	1352082
A9P1-53-2-RM	53	2	6-12	Thorium-232	1.137	-	pCi/g	482948	1352082
A9P1-53-3-RM	53	3	12-18	Thorium-232	1.196	-	pCi/g	482948	1352082
A9P1-53-4-RM	53	4	18-24	Thorium-232	1.287	-	pCi/g	482948	1352082
A9P1-53-5-RM	53	5	24-30	Thorium-232	1.185	-	pCi/g	482948	1352082
A9P1-53-6-RM	53	6	30-36	Thorium-232	0.873	-	pCi/g	482948	1352082
A9P1-54-1-RM	54	1	0-6	Thorium-232	1.079	-	pCi/g	482945	1352085
A9P1-54-2-RM	54	2	6-12	Thorium-232	1.227	-	pCi/g	482945	1352085
A9P1-54-3-RM	54	3	12-18	Thorium-232	1.329	-	pCi/g	482945	1352085
A9P1-54-4-RM	54	4	18-24	Thorium-232	1.234	-	pCi/g	482945	1352085
A9P1-54-5-RM	54	5	24-30	Thorium-232	1.226	-	pCi/g	482945	1352085
A9P1-54-6-RM	54	6	30-36	Thorium-232	0.825	-	pCi/g	482945	1352085
A9P1-55-1-RM	55	1	0-6	Thorium-232	1.118	-	pCi/g	482941.9	1352082
A9P1-55-2-RM	55	2	6-12	Thorium-232	1.121	-	pCi/g	482941.9	1352082
A9P1-55-3-RM	55	3	12-18	Thorium-232	1.296	-	pCi/g	482941.9	1352082
A9P1-55-4-RM	55	4	18-24	Thorium-232	1.331	-	pCi/g	482941.9	1352082
A9P1-55-5-RM	55	5	24-30	Thorium-232	1.118	-	pCi/g	482941.9	1352082
A9P1-55-6-RM	55	6	30-36	Thorium-232	0.637	-	pCi/g	482941.9	1352082
A9P1-56-1-RM	56	1	0-6	Thorium-232	1.064	-	pCi/g	482548.4	1352061
A9P1-56-2-RM	56	2	6-12	Thorium-232	1.261	-	pCi/g	482548.4	1352061
A9P1-56-3-RM	56	3	12-18	Thorium-232	1.356	-	pCi/g	482548.4	1352061
A9P1-56-4-RM	56	4	18-24	Thorium-232	1.174	-	pCi/g	482548.4	1352061
A9P1-56-5-RM	56	5	24-30	Thorium-232	1.273	-	pCi/g	482548.4	1352061
A9P1-56-6-RM	56	6	30-36	Thorium-232	0.952	-	pCi/g	482548.4	1352061
A9P1-57-1-RM	57	1	0-6	Thorium-232	0.954	-	pCi/g	482545.5	1352064
A9P1-57-2-RM	57	2	6-12	Thorium-232	1.057	-	pCi/g	482545.5	1352064
A9P1-57-3-RM	57	3	12-18	Thorium-232	1.387	-	pCi/g	482545.5	1352064
A9P1-57-4-RM	57	4	18-24	Thorium-232	1.301	-	pCi/g	482545.5	1352064
A9P1-57-5-RM	57	5	24-30	Thorium-232	1.234	-	pCi/g	482545.5	1352064
A9P1-57-6-RM	57	6	30-36	Thorium-232	1.089	-	pCi/g	482545.5	1352064
A9P1-58-1-RM	58	1	0-6	Thorium-232	1.063	-	pCi/g	482542.5	1352061
A9P1-58-2-RM	58	2	6-12	Thorium-232	1.219	-	pCi/g	482542.5	1352061
A9P1-58-3-RM	58	3	12-18	Thorium-232	1.322	-	pCi/g	482542.5	1352061
A9P1-58-4-RM	58	4	18-24	Thorium-232	1.24	-	pCi/g	482542.5	1352061
A9P1-58-5-RM	58	5	24-30	Thorium-232	0.953	-	pCi/g	482542.5	1352061
A9P1-58-6-RM	58	6	30-36	Thorium-232	1.254	-	pCi/g	482542.5	1352061
A9P1-59-1-RM	59	1	0-6	Thorium-232	1.03	-	pCi/g	482545.6	1352058
A9P1-59-2-RM	59	2	6-12	Thorium-232	1.142	-	pCi/g	482545.6	1352058
A9P1-59-3-RM	59	3	12-18	Thorium-232	1.391	-	pCi/g	482545.6	1352058

3452

3452

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-59-4-RM	59	4	18-24	Thorium-232	1.208	-	pCi/g	482545.6	1352058
A9P1-59-5-RM	59	5	24-30	Thorium-232	1.127	-	pCi/g	482545.6	1352058
A9P1-59-6-RM	59	6	30-36	Thorium-232	0.867	-	pCi/g	482545.6	1352058
A9P1-60-1-RM	60	1	0-6	Thorium-232	1.101	-	pCi/g	482460	1352195
A9P1-60-2-RM	60	2	6-12	Thorium-232	0.907	-	pCi/g	482460	1352195
A9P1-60-3-RM	60	3	12-18	Thorium-232	1.238	-	pCi/g	482460	1352195
A9P1-60-4-RM	60	4	18-24	Thorium-232	1.359	-	pCi/g	482460	1352195
A9P1-60-5-RM	60	5	24-30	Thorium-232	1.341	-	pCi/g	482460	1352195
A9P1-60-6-RM	60	6	30-36	Thorium-232	0.987	-	pCi/g	482460	1352195
A9P1-61-1-RM	61	1	0-6	Thorium-232	1.102	-	pCi/g	482457	1352198
A9P1-61-2-RM	61	2	6-12	Thorium-232	1.116	-	pCi/g	482457	1352198
A9P1-61-3-RM	61	3	12-18	Thorium-232	1.196	-	pCi/g	482457	1352198
A9P1-61-4-RM	61	4	18-24	Thorium-232	1.265	-	pCi/g	482457	1352198
A9P1-61-5-RM	61	5	24-30	Thorium-232	1.163	-	pCi/g	482457	1352198
A9P1-61-6-RM	61	6	30-36	Thorium-232	0.761	-	pCi/g	482457	1352198
A9P1-62-1-RM	62	1	0-6	Thorium-232	1.071	-	pCi/g	482454.1	1352195
A9P1-62-2-RM	62	2	6-12	Thorium-232	1.156	-	pCi/g	482454.1	1352195
A9P1-62-3-RM	62	3	12-18	Thorium-232	1.208	-	pCi/g	482454.1	1352195
A9P1-62-4-RM	62	4	18-24	Thorium-232	1.22	-	pCi/g	482454.1	1352195
A9P1-62-5-RM	62	5	24-30	Thorium-232	1.096	-	pCi/g	482454.1	1352195
A9P1-62-6-RM	62	6	30-36	Thorium-232	1.045	-	pCi/g	482454.1	1352195
A9P1-63-1-RM	63	1	0-6	Thorium-232	1.044	-	pCi/g	482457	1352193
A9P1-63-2-RM	63	2	6-12	Thorium-232	1.096	-	pCi/g	482457	1352193
A9P1-63-3-RM	63	3	12-18	Thorium-232	1.185	-	pCi/g	482457	1352193
A9P1-63-4-RM	63	4	18-24	Thorium-232	1.14	-	pCi/g	482457	1352193
A9P1-63-5-RM	63	5	24-30	Thorium-232	0.802	-	pCi/g	482457	1352193
A9P1-63-6-RM	63	6	30-36	Thorium-232	0.692	-	pCi/g	482457	1352193
A9P1-64-1-RM	64	1	0-6	Thorium-232	1.032	-	pCi/g	481951	1352032
A9P1-64-2-RM	64	2	6-12	Thorium-232	1.178	-	pCi/g	481951	1352032
A9P1-64-3-RM	64	3	12-18	Thorium-232	1.105	-	pCi/g	481951	1352032
A9P1-64-4-RM	64	4	18-24	Thorium-232	0.732	-	pCi/g	481951	1352032
A9P1-64-5-RM	64	5	24-30	Thorium-232	0.75	-	pCi/g	481951	1352032
A9P1-64-6-RM	64	6	30-36	Thorium-232	0.665	-	pCi/g	481951	1352032
A9P1-65-1-RM	65	1	0-6	Thorium-232	1.036	-	pCi/g	481948	1352035
A9P1-65-2-RM	65	2	6-12	Thorium-232	1.243	-	pCi/g	481948	1352035
A9P1-65-3-RM	65	3	12-18	Thorium-232	1.046	-	pCi/g	481948	1352035
A9P1-65-4-RM	65	4	18-24	Thorium-232	0.691	-	pCi/g	481948	1352035
A9P1-65-5-RM	65	5	24-30	Thorium-232	0.6	-	pCi/g	481948	1352035
A9P1-65-6-RM	65	6	30-36	Thorium-232	0.81	-	pCi/g	481948	1352035
A9P1-66-1-RM	66	1	0-6	Thorium-232	1.069	-	pCi/g	481945.1	1352032
A9P1-66-2-RM	66	2	6-12	Thorium-232	1.194	-	pCi/g	481945.1	1352032
A9P1-66-3-RM	66	3	12-18	Thorium-232	1.066	-	pCi/g	481945.1	1352032
A9P1-66-4-RM	66	4	18-24	Thorium-232	0.911	-	pCi/g	481945.1	1352032
A9P1-66-5-RM	66	5	24-30	Thorium-232	0.682	-	pCi/g	481945.1	1352032
A9P1-66-6-RM	66	6	30-36	Thorium-232	0.733	-	pCi/g	481945.1	1352032
A9P1-67-1-RM	67	1	0-6	Thorium-232	0.497	-	pCi/g	481947.9	1352029
A9P1-67-2-RM	67	2	6-12	Thorium-232	0.446	-	pCi/g	481947.9	1352029
A9P1-67-3-RM	67	3	12-18	Thorium-232	0.633	-	pCi/g	481947.9	1352029
A9P1-67-4-RM	67	4	18-24	Thorium-232	0.745	-	pCi/g	481947.9	1352029
A9P1-67-5-RM	67	5	24-30	Thorium-232	0.72	-	pCi/g	481947.9	1352029
A9P1-67-6-RM	67	6	30-36	Thorium-232	1.052	-	pCi/g	481947.9	1352029
A9PI-P-CONF-1	C1	1	0-6	Thorium-232	1.057	-	pCi/g	484222.4	1352462
A9PI-P-CONF-2	C2	1	0-6	Thorium-232	1.118	-	pCi/g	484150.8	1352491
A9PI-P-CONF-3	C3	1	0-6	Thorium-232	1.044	-	pCi/g	484183.7	1352492
A9PI-P-CONF-4	C4	1	0-6	Thorium-232	0.961	-	pCi/g	484244.7	1352422
A9PI-P-CONF-5	C5	1	0-6	Thorium-232	1.197	-	pCi/g	484034.4	1352307
A9PI-P-CONF-6	C6	1	0-6	Thorium-232	0.789	-	pCi/g	483940.8	1352374
A9PI-P-CONF-7	C7	1	0-6	Thorium-232	1.034	-	pCi/g	484218.7	1352491
A9P1-S1-RM	S1	1	0-6	Thorium-232	1.042	-	pCi/g	483589.5	1352150
A9P1-S2-RM	S2	1	0-6	Thorium-232	0.949	-	pCi/g	483823.2	1352299
A9P1-S3-RM	S3	1	0-6	Thorium-232	1.14	-	pCi/g	484170.6	1352530
A9P1-S4-RM	S4	1	0-6	Thorium-232	1.066	-	pCi/g	484512.2	1352818
A9PI-P-1-1-R	01	1	0-6	Uranium, Total	9.051	-	ug/g	483068.8	1352711
A9PI-P-1-2-RM	01	2	6-12	Uranium, Total	9.003	-	ug/g	483068.8	1352711

000086

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9PI-P-1-3-RM	01	3	12-18	Uranium, Total	2.744	U	ug/g	483068.8	1352711
A9PI-P-1-4-RM	01	4	18-24	Uranium, Total	3.038	U	ug/g	483068.8	1352711
A9PI-P-1-5-RM	01	5	24-30	Uranium, Total	8.868	UJ	ug/g	483068.8	1352711
A9PI-P-1-6-RM	01	6	30-36	Uranium, Total	2.445	U	ug/g	483068.8	1352711
A9PI-P-2-1-RM	02	1	0-6	Uranium, Total	8.881	-	ug/g	482697.1	1352339
A9PI-P-2-2-RM	02	2	6-12	Uranium, Total	6.538	-	ug/g	482697.1	1352339
A9PI-P-2-3-RM	02	3	12-18	Uranium, Total	5.774	-	ug/g	482697.1	1352339
A9PI-P-2-4-RM	02	4	18-24	Uranium, Total	3.016	U	ug/g	482697.1	1352339
A9PI-P-2-5-RM	02	5	24-30	Uranium, Total	2.743	U	ug/g	482697.1	1352339
A9PI-P-2-6-RM	02	6	30-36	Uranium, Total	4.06	J	ug/g	482697.1	1352339
A9PI-P-3-1-RM	03	1	0-6	Uranium, Total	12.636	-	ug/g	482559	1351896
A9PI-P-3-2-RM	03	2	6-12	Uranium, Total	11.414	-	ug/g	482559	1351896
A9PI-P-3-3-RM	03	3	12-18	Uranium, Total	2.905	J	ug/g	482559	1351896
A9PI-P-3-4-RM	03	4	18-24	Uranium, Total	2.937	U	ug/g	482559	1351896
A9PI-P-3-5-RM	03	5	24-30	Uranium, Total	2.638	U	ug/g	482559	1351896
A9PI-P-3-6-RM	03	6	30-36	Uranium, Total	4.98	-	ug/g	482559	1351896
A9PI-P-4-1-RM	04	1	0-6	Uranium, Total	13.908	-	ug/g	482253	1351912
A9PI-P-4-2-RM	04	2	6-12	Uranium, Total	5.045	-	ug/g	482253	1351912
A9PI-P-4-3-RM	04	3	12-18	Uranium, Total	2.631	U	ug/g	482253	1351912
A9PI-P-4-4-RM	04	4	18-24	Uranium, Total	2.852	U	ug/g	482253	1351912
A9PI-P-4-5-RM	04	5	24-30	Uranium, Total	3.987	J	ug/g	482253	1351912
A9PI-P-4-6-RM	04	6	30-36	Uranium, Total	2.478	U	ug/g	482253	1351912
A9PI-P-5-1-RM	05	1	0-6	Uranium, Total	11.622	-	ug/g	481900.8	1352121
A9PI-P-5-2-RM	05	2	6-12	Uranium, Total	8.306	-	ug/g	481900.8	1352121
A9PI-P-5-3-RM	05	3	12-18	Uranium, Total	2.607	U	ug/g	481900.8	1352121
A9PI-P-5-4-RM	05	4	18-24	Uranium, Total	2.912	U	ug/g	481900.8	1352121
A9PI-P-5-5-RM	05	5	24-30	Uranium, Total	2.627	U	ug/g	481900.8	1352121
A9PI-P-5-6-RM	05	6	30-36	Uranium, Total	2.265	U	ug/g	481900.8	1352121
A9PI-P-6-1-RM	06	1	0-6	Uranium, Total	10.829	-	ug/g	481482.8	1352458
A9PI-P-6-2-RM	06	2	6-12	Uranium, Total	4.322	-	ug/g	481482.8	1352458
A9PI-P-6-3-RM	06	3	12-18	Uranium, Total	7.75	UJ	ug/g	481482.8	1352458
A9PI-P-6-4-RM	06	4	18-24	Uranium, Total	3.042	U	ug/g	481482.8	1352458
A9PI-P-6-5-RM	06	5	24-30	Uranium, Total	2.869	U	ug/g	481482.8	1352458
A9PI-P-6-6-RM	06	6	30-36	Uranium, Total	2.486	U	ug/g	481482.8	1352458
A9PI-P-7-1-RM	07	1	0-6	Uranium, Total	12.084	-	ug/g	481368	1351975
A9PI-P-7-2-RM	07	2	6-12	Uranium, Total	3.691	J	ug/g	481368	1351975
A9PI-P-7-3-RM	07	3	12-18	Uranium, Total	3.109	J	ug/g	481368	1351975
A9PI-P-7-4-RM	07	4	18-24	Uranium, Total	2.99	U	ug/g	481368	1351975
A9PI-P-7-5-RM	07	5	24-30	Uranium, Total	2.432	U	ug/g	481368	1351975
A9PI-P-7-6-RM	07	6	30-36	Uranium, Total	2.631	U	ug/g	481368	1351975
A9PI-P-8-1-RM	08	1	0-6	Uranium, Total	9.06	-	ug/g	482944.9	1352082
A9PI-P-8-2-RM	08	2	6-12	Uranium, Total	7.284	-	ug/g	482944.9	1352082
A9PI-P-8-3-RM	08	3	12-18	Uranium, Total	2.963	U	ug/g	482944.9	1352082
A9PI-P-8-4-RM	08	4	18-24	Uranium, Total	3.363	J	ug/g	482944.9	1352082
A9PI-P-8-5-RM	08	5	24-30	Uranium, Total	4.358	-	ug/g	482944.9	1352082
A9PI-P-8-6-RM	08	6	30-36	Uranium, Total	3.037	U	ug/g	482944.9	1352082
A9PI-P-9-1-RM	09	1	0-6	Uranium, Total	10.255	-	ug/g	482669.1	1352062
A9PI-P-9-2-RM	09	2	6-12	Uranium, Total	4.045	-	ug/g	482669.1	1352062
A9PI-P-9-3-RM	09	3	12-18	Uranium, Total	3.465	J	ug/g	482669.1	1352062
A9PI-P-9-4-RM	09	4	18-24	Uranium, Total	2.782	U	ug/g	482669.1	1352062
A9PI-P-9-5-RM	09	5	24-30	Uranium, Total	2.569	U	ug/g	482669.1	1352062
A9PI-P-9-6-RM	09	6	30-36	Uranium, Total	5.106	-	ug/g	482669.1	1352062
A9P1-10-1-RM	10	1	0-6	Uranium, Total	13.466	-	ug/g	482545.5	1352061
A9P1-10-2-RM	10	2	6-12	Uranium, Total	8.941	-	ug/g	482545.5	1352061
A9P1-10-3-RM	10	3	12-18	Uranium, Total	3.906	J	ug/g	482545.5	1352061
A9P1-10-4-RM	10	4	18-24	Uranium, Total	4.699	-	ug/g	482545.5	1352061
A9P1-10-5-RM	10	5	24-30	Uranium, Total	3.145	J	ug/g	482545.5	1352061
A9P1-10-6-RM	10	6	30-36	Uranium, Total	2.754	U	ug/g	482545.5	1352061
A9P1-11-1-RM	11	1	0-6	Uranium, Total	8.457	-	ug/g	481617.4	1351868
A9P1-11-2-RM	11	2	6-12	Uranium, Total	20.196	-	ug/g	481617.4	1351868
A9P1-11-3-RM	11	3	12-18	Uranium, Total	9.167	-	ug/g	481617.4	1351868
A9P1-11-4-RM	11	4	18-24	Uranium, Total	3.756	U	ug/g	481617.4	1351868
A9P1-11-5-RM	11	5	24-30	Uranium, Total	2.36	-	ug/g	481617.4	1351868
A9P1-11-6-RM	11	6	30-36	Uranium, Total	3.106	J	ug/g	481617.4	1351868

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-12-1-RM-D	12	1	0-6	Uranium, Total	11.278	-	ug/g	481947.8	1352032
A9P1-12-1-RM	12	1	0-6	Uranium, Total	9.084	-	ug/g	481947.8	1352032
A9P1-12-1-R-S	12	1	0-6	Uranium, Total	12.53	J	ug/g	481947.8	1352032
A9P1-12-2-RM	12	2	6-12	Uranium, Total	9.854	-	ug/g	481947.8	1352032
A9P1-12-2-RM-D	12	2	6-12	Uranium, Total	6.995	-	ug/g	481947.8	1352032
A9P1-12-2-R-S	12	2	6-12	Uranium, Total	7.802	J	ug/g	481947.8	1352032
A9P1-12-3-R-S	12	3	12-18	Uranium, Total	5.018	J	ug/g	481947.8	1352032
A9P1-12-3-RM-D	12	3	12-18	Uranium, Total	3.071	U	ug/g	481947.8	1352032
A9P1-12-3-RM	12	3	12-18	Uranium, Total	9.207	UJ	ug/g	481947.8	1352032
A9P1-12-4-RM-D	12	4	18-24	Uranium, Total	5.114	-	ug/g	481947.8	1352032
A9P1-12-4-R-S	12	4	18-24	Uranium, Total	5.857	J	ug/g	481947.8	1352032
A9P1-12-4-RM	12	4	18-24	Uranium, Total	3.634	U	ug/g	481947.8	1352032
A9P1-12-5-R-S	12	5	24-30	Uranium, Total	5.203	J	ug/g	481947.8	1352032
A9P1-12-5-RM-D	12	5	24-30	Uranium, Total	2.221	U	ug/g	481947.8	1352032
A9P1-12-5-RM	12	5	24-30	Uranium, Total	2.868	U	ug/g	481947.8	1352032
A9P1-12-6-RM	12	6	30-36	Uranium, Total	10.224	J	ug/g	481947.8	1352032
A9P1-12-6-R-S	12	6	30-36	Uranium, Total	2.696	J	ug/g	481947.8	1352032
A9P1-12-6-RM-D	12	6	30-36	Uranium, Total	2.345	U	ug/g	481947.8	1352032
A9P1-13-1-RM	13	1	0-6	Uranium, Total	11.374	-	ug/g	481928.1	1351874
A9P1-13-2-RM	13	2	6-12	Uranium, Total	11.28	-	ug/g	481928.1	1351874
A9P1-13-3-RM	13	3	12-18	Uranium, Total	9.544	UJ	ug/g	481928.1	1351874
A9P1-13-4-RM	13	4	18-24	Uranium, Total	3.455	U	ug/g	481928.1	1351874
A9P1-13-5-RM	13	5	24-30	Uranium, Total	3.419	J	ug/g	481928.1	1351874
A9P1-13-6-RM	13	6	30-36	Uranium, Total	4.21	U	ug/g	481928.1	1351874
A9P1-14-1-RM	14	1	0-6	Uranium, Total	7.357	-	ug/g	482260.1	1352135
A9P1-14-2-RM	14	2	6-12	Uranium, Total	7.449	-	ug/g	482260.1	1352135
A9P1-14-3-RM	14	3	12-18	Uranium, Total	9.349	UJ	ug/g	482260.1	1352135
A9P1-14-4-RM	14	4	18-24	Uranium, Total	3.13	U	ug/g	482260.1	1352135
A9P1-14-5-RM	14	5	24-30	Uranium, Total	3.2	U	ug/g	482260.1	1352135
A9P1-14-6-RM	14	6	30-36	Uranium, Total	3.87	U	ug/g	482260.1	1352135
A9P1-15-1-RM	15	1	0-6	Uranium, Total	9.055	-	ug/g	482457	1352195
A9P1-15-2-RM	15	2	6-12	Uranium, Total	10.301	-	ug/g	482457	1352195
A9P1-15-3-RM	15	3	12-18	Uranium, Total	4.631	-	ug/g	482457	1352195
A9P1-15-4-RM	15	4	18-24	Uranium, Total	2.823	U	ug/g	482457	1352195
A9P1-15-5-RM	15	5	24-30	Uranium, Total	3.985	J	ug/g	482457	1352195
A9P1-15-6-RM	15	6	30-36	Uranium, Total	3.136	J	ug/g	482457	1352195
A9P1-16-1-RM	16	1	0-6	Uranium, Total	10.889	-	ug/g	482659	1352226
A9P1-16-2-RM	16	2	6-12	Uranium, Total	10.925	-	ug/g	482659	1352226
A9P1-16-3-RM	16	3	12-18	Uranium, Total	3.182	U	ug/g	482659	1352226
A9P1-16-4-RM	16	4	18-24	Uranium, Total	3.33	J	ug/g	482659	1352226
A9P1-16-5-RM	16	5	24-30	Uranium, Total	9.85	UJ	ug/g	482659	1352226
A9P1-16-6-RM	16	6	30-36	Uranium, Total	3.424	U	ug/g	482659	1352226
A9P1-17-1-RM	17	1	0-6	Uranium, Total	7.568	-	ug/g	482858.6	1352235
A9P1-17-2-RM	17	2	6-12	Uranium, Total	12.099	-	ug/g	482858.6	1352235
A9P1-17-3-RM	17	3	12-18	Uranium, Total	3.146	J	ug/g	482858.6	1352235
A9P1-17-4-RM	17	4	18-24	Uranium, Total	9.739	UJ	ug/g	482858.6	1352235
A9P1-17-5-RM	17	5	24-30	Uranium, Total	3.072	U	ug/g	482858.6	1352235
A9P1-17-6-RM	17	6	30-36	Uranium, Total	2.414	U	ug/g	482858.6	1352235
A9P1-18-1-RM	18	1	0-6	Uranium, Total	10.913	-	ug/g	483050.6	1352194
A9P1-18-2-RM	18	2	6-12	Uranium, Total	5.514	J	ug/g	483050.6	1352194
A9P1-18-3-RM	18	3	12-18	Uranium, Total	2.928	U	ug/g	483050.6	1352194
A9P1-18-4-RM	18	4	18-24	Uranium, Total	4.193	J	ug/g	483050.6	1352194
A9P1-18-5-RM	18	5	24-30	Uranium, Total	3.93	J	ug/g	483050.6	1352194
A9P1-18-6-RM	18	6	30-36	Uranium, Total	3.18	J	ug/g	483050.6	1352194
A9P1-19-1-RM	19	1	0-6	Uranium, Total	11.623	-	ug/g	483202.3	1352071
A9P1-19-2-RM	19	2	6-12	Uranium, Total	6.433	-	ug/g	483202.3	1352071
A9P1-19-3-RM	19	3	12-18	Uranium, Total	3.55	J	ug/g	483202.3	1352071
A9P1-19-4-RM	19	4	18-24	Uranium, Total	3.347	J	ug/g	483202.3	1352071
A9P1-19-5-RM	19	5	24-30	Uranium, Total	3.819	J	ug/g	483202.3	1352071
A9P1-19-6-RM	19	6	30-36	Uranium, Total	2.478	J	ug/g	483202.3	1352071
A9P1-20-1-RM	20	1	0-6	Uranium, Total	15.078	-	ug/g	483319.2	1352135
A9P1-20-2-RM	20	2	6-12	Uranium, Total	3.939	J	ug/g	483319.2	1352135
A9P1-20-3-RM	20	3	12-18	Uranium, Total	2.713	U	ug/g	483319.2	1352135
A9P1-20-4-RM	20	4	18-24	Uranium, Total	2.965	U	ug/g	483319.2	1352135

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-20-5-RM	20	5	24-30	Uranium, Total	2.675	U	ug/g	483319.2	1352135
A9P1-20-6-RM	20	6	30-36	Uranium, Total	2.709	U	ug/g	483319.2	1352135
A9P1-21-1-RM	21	1	0-6	Uranium, Total	9.043	-	ug/g	483309.2	1352267
A9P1-21-2-RM	21	2	6-12	Uranium, Total	3.669	J	ug/g	483309.2	1352267
A9P1-21-3-RM	21	3	12-18	Uranium, Total	4.033	-	ug/g	483309.2	1352267
A9P1-21-4-RM	21	4	18-24	Uranium, Total	3.23	U	ug/g	483309.2	1352267
A9P1-21-5-RM	21	5	24-30	Uranium, Total	2.791	U	ug/g	483309.2	1352267
A9P1-21-6-RM	21	6	30-36	Uranium, Total	2.438	U	ug/g	483309.2	1352267
A9P1-22-1-RM	22	1	0-6	Uranium, Total	10.411	-	ug/g	483177.2	1352765
A9P1-22-2-RM	22	2	6-12	Uranium, Total	5.555	-	ug/g	483177.2	1352765
A9P1-22-3-RM	22	3	12-18	Uranium, Total	2.582	U	ug/g	483177.2	1352765
A9P1-22-4-RM	22	4	18-24	Uranium, Total	2.769	U	ug/g	483177.2	1352765
A9P1-22-5-RM	22	5	24-30	Uranium, Total	4.24	J	ug/g	483177.2	1352765
A9P1-22-6-RM	22	6	30-36	Uranium, Total	4.562	J	ug/g	483177.2	1352765
A9P1-23-1-RM	23	1	0-6	Uranium, Total	5.983	-	ug/g	482889.5	1352655
A9P1-23-2-RM	23	2	6-12	Uranium, Total	5.361	-	ug/g	482889.5	1352655
A9P1-23-3-RM	23	3	12-18	Uranium, Total	3.01	J	ug/g	482889.5	1352655
A9P1-23-4-RM	23	4	18-24	Uranium, Total	3.397	J	ug/g	482889.5	1352655
A9P1-23-5-RM	23	5	24-30	Uranium, Total	4.816	J	ug/g	482889.5	1352655
A9P1-23-6-RM	23	6	30-36	Uranium, Total	9.87	UJ	ug/g	482889.5	1352655
A9P1-24-1-RM	24	1	0-6	Uranium, Total	9.386	-	ug/g	482400.6	1352584
A9P1-24-2-RM	24	2	6-12	Uranium, Total	11.922	-	ug/g	482400.6	1352584
A9P1-24-3-RM	24	3	12-18	Uranium, Total	6.311	-	ug/g	482400.6	1352584
A9P1-24-4-RM	24	4	18-24	Uranium, Total	3.916	J	ug/g	482400.6	1352584
A9P1-24-5-RM	24	5	24-30	Uranium, Total	3.379	J	ug/g	482400.6	1352584
A9P1-24-6-RM	24	6	30-36	Uranium, Total	10.09	UJ	ug/g	482400.6	1352584
A9P1-25-1-RM	25	1	0-6	Uranium, Total	8.285	-	ug/g	482006.7	1352544
A9P1-25-2-RM	25	2	6-12	Uranium, Total	7.539	-	ug/g	482006.7	1352544
A9P1-25-3-RM	25	3	12-18	Uranium, Total	9.953	UJ	ug/g	482006.7	1352544
A9P1-25-4-RM	25	4	18-24	Uranium, Total	5.104	-	ug/g	482006.7	1352544
A9P1-25-5-RM	25	5	24-30	Uranium, Total	5.357	J	ug/g	482006.7	1352544
A9P1-25-6-RM	25	6	30-36	Uranium, Total	5.426	-	ug/g	482006.7	1352544
A9P1-26-1-RM	26	1	0-6	Uranium, Total	7.604	-	ug/g	481748.5	1352486
A9P1-26-2-RM	26	2	6-12	Uranium, Total	10.56	J	ug/g	481748.5	1352486
A9P1-26-3-RM	26	3	12-18	Uranium, Total	3.765	U	ug/g	481748.5	1352486
A9P1-26-4-RM	26	4	18-24	Uranium, Total	4.9	J	ug/g	481748.5	1352486
A9P1-26-5-RM	26	5	24-30	Uranium, Total	3.275	U	ug/g	481748.5	1352486
A9P1-26-6-RM	26	6	30-36	Uranium, Total	8.109	UJ	ug/g	481748.5	1352486
A9P1-27-1-RM	27	1	0-6	Uranium, Total	66.239	-	ug/g	481391.1	1352541
A9P1-27-2-RM	27	2	6-12	Uranium, Total	8.625	-	ug/g	481391.1	1352541
A9P1-27-3-RM	27	3	12-18	Uranium, Total	13.142	J	ug/g	481391.1	1352541
A9P1-27-4-RM	27	4	18-24	Uranium, Total	3.026	U	ug/g	481391.1	1352541
A9P1-27-5-RM	27	5	24-30	Uranium, Total	3.997	J	ug/g	481391.1	1352541
A9P1-27-6-RM	27	6	30-36	Uranium, Total	2.453	U	ug/g	481391.1	1352541
A9P1-28-1-RM	28	1	0-6	Uranium, Total	15.309	J	ug/g	481040.8	1351882
A9P1-28-2-RM	28	2	6-12	Uranium, Total	13.755	-	ug/g	481040.8	1351882
A9P1-28-3-RM	28	3	12-18	Uranium, Total	9.63	-	ug/g	481040.8	1351882
A9P1-28-4-RM	28	4	18-24	Uranium, Total	2.9	J	ug/g	481040.8	1351882
A9P1-28-5-RM	28	5	24-30	Uranium, Total	3.12	J	ug/g	481040.8	1351882
A9P1-28-6-RM	28	6	30-36	Uranium, Total	9.85	UJ	ug/g	481040.8	1351882
A9P1-29-1-RM	29	1	0-6	Uranium, Total	9.79	-	ug/g	481378.8	1352165
A9P1-29-2-RM	29	2	6-12	Uranium, Total	9.77	-	ug/g	481378.8	1352165
A9P1-29-3-RM	29	3	12-18	Uranium, Total	4.44	J	ug/g	481378.8	1352165
A9P1-29-4-RM	29	4	18-24	Uranium, Total	2.61	UJ	ug/g	481378.8	1352165
A9P1-29-5-RM	29	5	24-30	Uranium, Total	2.37	U	ug/g	481378.8	1352165
A9P1-29-6-RM	29	6	30-36	Uranium, Total	2.92	J	ug/g	481378.8	1352165
A9P1-30-1-RM	30	1	0-6	Uranium, Total	8.86	-	ug/g	482269.7	1352285
A9P1-30-2-RM	30	2	6-12	Uranium, Total	6.19	-	ug/g	482269.7	1352285
A9P1-30-3-RM	30	3	12-18	Uranium, Total	4.04	J	ug/g	482269.7	1352285
A9P1-30-4-RM	30	4	18-24	Uranium, Total	2.62	U	ug/g	482269.7	1352285
A9P1-30-5-RM	30	5	24-30	Uranium, Total	2.516	U	ug/g	482269.7	1352285
A9P1-30-6-RM	30	6	30-36	Uranium, Total	3.478	J	ug/g	482269.7	1352285
A9P1-31-1-RM	31	1	0-6	Uranium, Total	11.715	-	ug/g	481711.3	1352217
A9P1-31-2-RM	31	2	6-12	Uranium, Total	11.988	-	ug/g	481711.3	1352217

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-31-3-RM	31	3	12-18	Uranium, Total	4.089	J	ug/g	481711.3	1352217
A9P1-31-4-RM	31	4	18-24	Uranium, Total	3.703	U	ug/g	481711.3	1352217
A9P1-31-5-RM	31	5	24-30	Uranium, Total	2.941	U	ug/g	481711.3	1352217
A9P1-31-6-RM	31	6	30-36	Uranium, Total	3.171	U	ug/g	481711.3	1352217
A9P1-32-1-RM	32	1	0-6	Uranium, Total	9.456	-	ug/g	482011.3	1352288
A9P1-32-2-RM	32	2	6-12	Uranium, Total	7.489	-	ug/g	482011.3	1352288
A9P1-32-3-RM	32	3	12-18	Uranium, Total	3.196	U	ug/g	482011.3	1352288
A9P1-32-4-RM	32	4	18-24	Uranium, Total	3.107	U	ug/g	482011.3	1352288
A9P1-32-5-RM	32	5	24-30	Uranium, Total	2.623	U	ug/g	482011.3	1352288
A9P1-32-6-RM	32	6	30-36	Uranium, Total	2.506	J	ug/g	482011.3	1352288
A9P1-33-1-RM	33	1	0-6	Uranium, Total	5.213	-	ug/g	482337.3	1352410
A9P1-33-2-RM	33	2	6-12	Uranium, Total	7.864	-	ug/g	482337.3	1352410
A9P1-33-3-RM	33	3	12-18	Uranium, Total	3.214	U	ug/g	482337.3	1352410
A9P1-33-4-RM	33	4	18-24	Uranium, Total	4.504	J	ug/g	482337.3	1352410
A9P1-33-5-RM	33	5	24-30	Uranium, Total	4.131	J	ug/g	482337.3	1352410
A9P1-33-6-RM	33	6	30-36	Uranium, Total	4.816	-	ug/g	482337.3	1352410
A9P1-34-1-RM	34	1	0-6	Uranium, Total	10.004	-	ug/g	482915.1	1352391
A9P1-34-2-RM	34	2	6-12	Uranium, Total	6.291	-	ug/g	482915.1	1352391
A9P1-34-3-RM	34	3	12-18	Uranium, Total	3.074	J	ug/g	482915.1	1352391
A9P1-34-4-RM	34	4	18-24	Uranium, Total	4.557	J	ug/g	482915.1	1352391
A9P1-34-5-RM	34	5	24-30	Uranium, Total	2.879	U	ug/g	482915.1	1352391
A9P1-34-6-RM	34	6	30-36	Uranium, Total	3.45	J	ug/g	482915.1	1352391
A9P1-35-1-RM	35	1	0-6	Uranium, Total	9.8	-	ug/g	483153.8	1352337
A9P1-35-2-RM	35	2	6-12	Uranium, Total	6.57	-	ug/g	483153.8	1352337
A9P1-35-3-RM	35	3	12-18	Uranium, Total	3.102	U	ug/g	483153.8	1352337
A9P1-35-4-RM	35	4	18-24	Uranium, Total	2.723	J	ug/g	483153.8	1352337
A9P1-35-5-RM	35	5	24-30	Uranium, Total	3.729	J	ug/g	483153.8	1352337
A9P1-35-6-RM	35	6	30-36	Uranium, Total	3.138	U	ug/g	483153.8	1352337
A9P1-36-1-RM	36	1	0-6	Uranium, Total	12.961	-	ug/g	482127.6	1351933
A9P1-36-2-RM	36	2	6-12	Uranium, Total	8.833	-	ug/g	482127.6	1351933
A9P1-36-3-RM	36	3	12-18	Uranium, Total	3.892	J	ug/g	482127.6	1351933
A9P1-36-4-RM	36	4	18-24	Uranium, Total	3.69	J	ug/g	482127.6	1351933
A9P1-36-5-RM	36	5	24-30	Uranium, Total	5.52	-	ug/g	482127.6	1351933
A9P1-36-6-RM	36	6	30-36	Uranium, Total	3.358	U	ug/g	482127.6	1351933
A9P1-37-1-RM	37	1	0-6	Uranium, Total	11.467	-	ug/g	482421.4	1351936
A9P1-37-2-RM	37	2	6-12	Uranium, Total	7.602	-	ug/g	482421.4	1351936
A9P1-37-3-RM	37	3	12-18	Uranium, Total	2.81	U	ug/g	482421.4	1351936
A9P1-37-4-RM	37	4	18-24	Uranium, Total	4.06	U	ug/g	482421.4	1351936
A9P1-37-5-RM	37	5	24-30	Uranium, Total	3.213	J	ug/g	482421.4	1351936
A9P1-37-6-RM	37	6	30-36	Uranium, Total	3.232	J	ug/g	482421.4	1351936
A9P1-38-1-RM	38	1	0-6	Uranium, Total	10.246	-	ug/g	482811.8	1352088
A9P1-38-2-RM	38	2	6-12	Uranium, Total	6.86	-	ug/g	482811.8	1352088
A9P1-38-3-RM	38	3	12-18	Uranium, Total	4.735	J	ug/g	482811.8	1352088
A9P1-38-4-RM	38	4	18-24	Uranium, Total	3.389	J	ug/g	482811.8	1352088
A9P1-38-5-RM	38	5	24-30	Uranium, Total	2.648	U	ug/g	482811.8	1352088
A9P1-38-6-RM	38	6	30-36	Uranium, Total	3.787	J	ug/g	482811.8	1352088
A9P1-39-1-RM	39	1	0-6	Uranium, Total	9.075	-	ug/g	483063.7	1352114
A9P1-39-2-RM	39	2	6-12	Uranium, Total	5.84	-	ug/g	483063.7	1352114
A9P1-39-3-RM	39	3	12-18	Uranium, Total	4.486	J	ug/g	483063.7	1352114
A9P1-39-4-RM	39	4	18-24	Uranium, Total	3.128	U	ug/g	483063.7	1352114
A9P1-39-5-RM	39	5	24-30	Uranium, Total	2.528	U	ug/g	483063.7	1352114
A9P1-39-6-RM	39	6	30-36	Uranium, Total	2.017	U	ug/g	483063.7	1352114
A9P1-40-1-RM	40	1	0-6	Uranium, Total	8.385	-	ug/g	483176	1352541
A9P1-40-2-RM	40	2	6-12	Uranium, Total	5.997	-	ug/g	483176	1352541
A9P1-40-3-RM	40	3	12-18	Uranium, Total	2.805	U	ug/g	483176	1352541
A9P1-40-4-RM	40	4	18-24	Uranium, Total	3.318	U	ug/g	483176	1352541
A9P1-40-5-RM	40	5	24-30	Uranium, Total	3.357	J	ug/g	483176	1352541
A9P1-40-6-RM	40	6	30-36	Uranium, Total	1.092	-	ug/g	483176	1352541
A9P1-41-1-RM	41	1	0-6	Uranium, Total	3.537	-	ug/g	482567.1	1352330
A9P1-41-2-RM	41	2	6-12	Uranium, Total	2.929	J	ug/g	482567.1	1352330
A9P1-41-3-RM	41	3	12-18	Uranium, Total	8.954	-	ug/g	482567.1	1352330
A9P1-41-4-RM	41	4	18-24	Uranium, Total	7.9	-	ug/g	482567.1	1352330
A9P1-41-5-RM	41	5	24-30	Uranium, Total	3.315	J	ug/g	482567.1	1352330
A9P1-41-6-RM	41	6	30-36	Uranium, Total	4.004	J	ug/g	482567.1	1352330

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-42-1-RM	42	1	0-6	Uranium, Total	4.343	J	ug/g	482385.6	1352056
A9P1-42-2-RM	42	2	6-12	Uranium, Total	9.342	UJ	ug/g	482385.6	1352056
A9P1-42-3-RM	42	3	12-18	Uranium, Total	3.765	U	ug/g	482385.6	1352056
A9P1-42-4-RM	42	4	18-24	Uranium, Total	8.094	-	ug/g	482385.6	1352056
A9P1-42-5-RM	42	5	24-30	Uranium, Total	5.541	-	ug/g	482385.6	1352056
A9P1-42-6-RM	42	6	30-36	Uranium, Total	8.478	-	ug/g	482385.6	1352056
A9P1-43-1-RM	43	1	0-6	Uranium, Total	11.739	-	ug/g	481623.1	1352042
A9P1-43-2-RM	43	2	6-12	Uranium, Total	4.654	-	ug/g	481623.1	1352042
A9P1-43-3-RM	43	3	12-18	Uranium, Total	3.839	U	ug/g	481623.1	1352042
A9P1-43-4-RM	43	4	18-24	Uranium, Total	2.61	U	ug/g	481623.1	1352042
A9P1-43-5-RM	43	5	24-30	Uranium, Total	2.481	J	ug/g	481623.1	1352042
A9P1-43-6-RM	43	6	30-36	Uranium, Total	2.542	U	ug/g	481623.1	1352042
A9P1-44-1-RM	44	1	0-6	Uranium, Total	18.168	-	ug/g	481041.4	1352031
A9P1-44-2-RM	44	2	6-12	Uranium, Total	11.918	-	ug/g	481041.4	1352031
A9P1-44-3-RM	44	3	12-18	Uranium, Total	10.068	UJ	ug/g	481041.4	1352031
A9P1-44-4-RM	44	4	18-24	Uranium, Total	3.216	U	ug/g	481041.4	1352031
A9P1-44-5-RM	44	5	24-30	Uranium, Total	3.147	U	ug/g	481041.4	1352031
A9P1-44-6-RM	44	6	30-36	Uranium, Total	2.725	U	ug/g	481041.4	1352031
A9P1-45-1-RM	45	1	0-6	Uranium, Total	15.466	-	ug/g	480891.6	1351881
A9P1-45-2-RM	45	2	6-12	Uranium, Total	21.642	-	ug/g	480891.6	1351881
A9P1-45-3-RM	45	3	12-18	Uranium, Total	22.364	-	ug/g	480891.6	1351881
A9P1-45-4-RM	45	4	18-24	Uranium, Total	3.821	J	ug/g	480891.6	1351881
A9P1-45-5-RM	45	5	24-30	Uranium, Total	2.779	U	ug/g	480891.6	1351881
A9P1-45-6-RM	45	6	30-36	Uranium, Total	6.3	J	ug/g	480891.6	1351881
A9P1-46-1-RM	46	1	0-6	Uranium, Total	5.175	J	ug/g	482659.7	1352641
A9P1-46-2-RM	46	2	6-12	Uranium, Total	3.487	J	ug/g	482659.7	1352641
A9P1-46-3-RM	46	3	12-18	Uranium, Total	4.373	U	ug/g	482659.7	1352641
A9P1-46-4-RM	46	4	18-24	Uranium, Total	2.893	U	ug/g	482659.7	1352641
A9P1-46-5-RM	46	5	24-30	Uranium, Total	2.964	J	ug/g	482659.7	1352641
A9P1-46-6-RM	46	6	30-36	Uranium, Total	2.993	U	ug/g	482659.7	1352641
A9P1-47-1-RM	47	1	0-6	Uranium, Total	12.649	-	ug/g	481749	1352585
A9P1-47-2-RM	47	2	6-12	Uranium, Total	2.372	U	ug/g	481749	1352585
A9P1-47-3-RM	47	3	12-18	Uranium, Total	2.673	U	ug/g	481749	1352585
A9P1-47-4-RM	47	4	18-24	Uranium, Total	2.897	U	ug/g	481749	1352585
A9P1-47-5-RM	47	5	24-30	Uranium, Total	1.9	U	ug/g	481749	1352585
A9P1-47-6-RM	47	6	30-36	Uranium, Total	2.963	J	ug/g	481749	1352585
A9P1-48-1-RM	48	1	0-6	Uranium, Total	8.393	-	ug/g	482656	1352226
A9P1-48-2-RM	48	2	6-12	Uranium, Total	4.92	-	ug/g	482656	1352226
A9P1-48-3-RM	48	3	12-18	Uranium, Total	7.811	UJ	ug/g	482656	1352226
A9P1-48-4-RM	48	4	18-24	Uranium, Total	2.907	U	ug/g	482656	1352226
A9P1-48-5-RM	48	5	24-30	Uranium, Total	3.127	U	ug/g	482656	1352226
A9P1-48-6-RM	48	6	30-36	Uranium, Total	2.701	U	ug/g	482656	1352226
A9P1-49-1-RM	49	1	0-6	Uranium, Total	10.259	-	ug/g	482662.1	1352226
A9P1-49-2-RM	49	2	6-12	Uranium, Total	8.375	-	ug/g	482662.1	1352226
A9P1-49-3-RM	49	3	12-18	Uranium, Total	8.382	UJ	ug/g	482662.1	1352226
A9P1-49-4-RM	49	4	18-24	Uranium, Total	4.091	J	ug/g	482662.1	1352226
A9P1-49-5-RM	49	5	24-30	Uranium, Total	6.256	-	ug/g	482662.1	1352226
A9P1-49-6-RM	49	6	30-36	Uranium, Total	8.285	UJ	ug/g	482662.1	1352226
A9P1-50-1-RM	50	1	0-6	Uranium, Total	9.844	-	ug/g	482659.1	1352223
A9P1-50-2-RM	50	2	6-12	Uranium, Total	8.331	-	ug/g	482659.1	1352223
A9P1-50-3-RM	50	3	12-18	Uranium, Total	3.044	U	ug/g	482659.1	1352223
A9P1-50-4-RM	50	4	18-24	Uranium, Total	10.152	UJ	ug/g	482659.1	1352223
A9P1-50-5-RM	50	5	24-30	Uranium, Total	9.319	UJ	ug/g	482659.1	1352223
A9P1-50-6-RM	50	6	30-36	Uranium, Total	2.747	U	ug/g	482659.1	1352223
A9P1-51-1-RM	51	1	0-6	Uranium, Total	9.568	-	ug/g	482659	1352229
A9P1-51-2-RM	51	2	6-12	Uranium, Total	6.214	-	ug/g	482659	1352229
A9P1-51-3-RM	51	3	12-18	Uranium, Total	3.63	J	ug/g	482659	1352229
A9P1-51-4-RM	51	4	18-24	Uranium, Total	5.388	J	ug/g	482659	1352229
A9P1-51-5-RM	51	5	24-30	Uranium, Total	8.557	UJ	ug/g	482659	1352229
A9P1-51-6-RM	51	6	30-36	Uranium, Total	8.796	UJ	ug/g	482659	1352229
A9P1-53-1-RM	53	1	0-6	Uranium, Total	7.557	-	ug/g	482948	1352082
A9P1-53-2-RM	53	2	6-12	Uranium, Total	3.628	J	ug/g	482948	1352082
A9P1-53-3-RM	53	3	12-18	Uranium, Total	3.627	U	ug/g	482948	1352082
A9P1-53-4-RM	53	4	18-24	Uranium, Total	3.953	J	ug/g	482948	1352082

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-53-5-RM	53	5	24-30	Uranium, Total	3.023	J	ug/g	482948	1352082
A9P1-53-6-RM	53	6	30-36	Uranium, Total	3.194	U	ug/g	482948	1352082
A9P1-54-1-RM	54	1	0-6	Uranium, Total	6.888	-	ug/g	482945	1352085
A9P1-54-2-RM	54	2	6-12	Uranium, Total	6.232	-	ug/g	482945	1352085
A9P1-54-3-RM	54	3	12-18	Uranium, Total	3.715	J	ug/g	482945	1352085
A9P1-54-4-RM	54	4	18-24	Uranium, Total	3.66	J	ug/g	482945	1352085
A9P1-54-5-RM	54	5	24-30	Uranium, Total	2.819	U	ug/g	482945	1352085
A9P1-54-6-RM	54	6	30-36	Uranium, Total	3.039	J	ug/g	482945	1352085
A9P1-55-1-RM	55	1	0-6	Uranium, Total	9.132	-	ug/g	482941.9	1352082
A9P1-55-2-RM	55	2	6-12	Uranium, Total	5.135	-	ug/g	482941.9	1352082
A9P1-55-3-RM	55	3	12-18	Uranium, Total	2.959	J	ug/g	482941.9	1352082
A9P1-55-4-RM	55	4	18-24	Uranium, Total	4.274	J	ug/g	482941.9	1352082
A9P1-55-5-RM	55	5	24-30	Uranium, Total	3.695	J	ug/g	482941.9	1352082
A9P1-55-6-RM	55	6	30-36	Uranium, Total	3.033	U	ug/g	482941.9	1352082
A9P1-56-1-RM	56	1	0-6	Uranium, Total	11.825	-	ug/g	482548.4	1352061
A9P1-56-2-RM	56	2	6-12	Uranium, Total	6.346	-	ug/g	482548.4	1352061
A9P1-56-3-RM	56	3	12-18	Uranium, Total	3.526	J	ug/g	482548.4	1352061
A9P1-56-4-RM	56	4	18-24	Uranium, Total	2.906	U	ug/g	482548.4	1352061
A9P1-56-5-RM	56	5	24-30	Uranium, Total	2.852	U	ug/g	482548.4	1352061
A9P1-56-6-RM	56	6	30-36	Uranium, Total	2.893	J	ug/g	482548.4	1352061
A9P1-57-1-RM	57	1	0-6	Uranium, Total	13.468	-	ug/g	482545.5	1352064
A9P1-57-2-RM	57	2	6-12	Uranium, Total	10.138	-	ug/g	482545.5	1352064
A9P1-57-3-RM	57	3	12-18	Uranium, Total	2.787	U	ug/g	482545.5	1352064
A9P1-57-4-RM	57	4	18-24	Uranium, Total	6.237	-	ug/g	482545.5	1352064
A9P1-57-5-RM	57	5	24-30	Uranium, Total	2.81	U	ug/g	482545.5	1352064
A9P1-57-6-RM	57	6	30-36	Uranium, Total	3.765	J	ug/g	482545.5	1352064
A9P1-58-1-RM	58	1	0-6	Uranium, Total	6.622	-	ug/g	482542.5	1352061
A9P1-58-2-RM	58	2	6-12	Uranium, Total	6.819	-	ug/g	482542.5	1352061
A9P1-58-3-RM	58	3	12-18	Uranium, Total	3.21	J	ug/g	482542.5	1352061
A9P1-58-4-RM	58	4	18-24	Uranium, Total	3.146	U	ug/g	482542.5	1352061
A9P1-58-5-RM	58	5	24-30	Uranium, Total	2.9	J	ug/g	482542.5	1352061
A9P1-58-6-RM	58	6	30-36	Uranium, Total	3.188	U	ug/g	482542.5	1352061
A9P1-59-1-RM	59	1	0-6	Uranium, Total	7.51	-	ug/g	482545.6	1352058
A9P1-59-2-RM	59	2	6-12	Uranium, Total	8.138	-	ug/g	482545.6	1352058
A9P1-59-3-RM	59	3	12-18	Uranium, Total	4.333	J	ug/g	482545.6	1352058
A9P1-59-4-RM	59	4	18-24	Uranium, Total	3.42	U	ug/g	482545.6	1352058
A9P1-59-5-RM	59	5	24-30	Uranium, Total	2.59	U	ug/g	482545.6	1352058
A9P1-59-6-RM	59	6	30-36	Uranium, Total	2.195	U	ug/g	482545.6	1352058
A9P1-60-1-RM	60	1	0-6	Uranium, Total	9.149	-	ug/g	482460	1352195
A9P1-60-2-RM	60	2	6-12	Uranium, Total	2.146	J	ug/g	482460	1352195
A9P1-60-3-RM	60	3	12-18	Uranium, Total	3.169	J	ug/g	482460	1352195
A9P1-60-4-RM	60	4	18-24	Uranium, Total	4.28	J	ug/g	482460	1352195
A9P1-60-5-RM	60	5	24-30	Uranium, Total	2.781	U	ug/g	482460	1352195
A9P1-60-6-RM	60	6	30-36	Uranium, Total	8.416	-	ug/g	482460	1352195
A9P1-61-1-RM	61	1	0-6	Uranium, Total	10.194	-	ug/g	482457	1352198
A9P1-61-2-RM	61	2	6-12	Uranium, Total	10.219	-	ug/g	482457	1352198
A9P1-61-3-RM	61	3	12-18	Uranium, Total	5.298	J	ug/g	482457	1352198
A9P1-61-4-RM	61	4	18-24	Uranium, Total	3.417	U	ug/g	482457	1352198
A9P1-61-5-RM	61	5	24-30	Uranium, Total	3.474	J	ug/g	482457	1352198
A9P1-61-6-RM	61	6	30-36	Uranium, Total	3.419	J	ug/g	482457	1352198
A9P1-62-1-RM	62	1	0-6	Uranium, Total	6.365	-	ug/g	482454.1	1352195
A9P1-62-2-RM	62	2	6-12	Uranium, Total	9.119	-	ug/g	482454.1	1352195
A9P1-62-3-RM	62	3	12-18	Uranium, Total	3.725	J	ug/g	482454.1	1352195
A9P1-62-4-RM	62	4	18-24	Uranium, Total	3.328	J	ug/g	482454.1	1352195
A9P1-62-5-RM	62	5	24-30	Uranium, Total	4.181	J	ug/g	482454.1	1352195
A9P1-62-6-RM	62	6	30-36	Uranium, Total	3.293	U	ug/g	482454.1	1352195
A9P1-63-1-RM	63	1	0-6	Uranium, Total	8.743	-	ug/g	482457	1352193
A9P1-63-2-RM	63	2	6-12	Uranium, Total	4.858	-	ug/g	482457	1352193
A9P1-63-3-RM	63	3	12-18	Uranium, Total	5.089	J	ug/g	482457	1352193
A9P1-63-4-RM	63	4	18-24	Uranium, Total	3.074	J	ug/g	482457	1352193
A9P1-63-5-RM	63	5	24-30	Uranium, Total	3.148	U	ug/g	482457	1352193
A9P1-63-6-RM	63	6	30-36	Uranium, Total	6.721	UJ	ug/g	482457	1352193
A9P1-64-1-RM	64	1	0-6	Uranium, Total	9.872	-	ug/g	481951	1352032
A9P1-64-2-RM	64	2	6-12	Uranium, Total	6.188	-	ug/g	481951	1352032

APPENDIX C
AREA 9, PHASE I ANALYTICAL DATA

SAMPLE ID	LOCATION	DEPTH ID	DEPTH	PARAMETER	RESULT	QUALIFIER	UNITS	NORTHING	EASTING
A9P1-64-3-RM	64	3	12-18	Uranium, Total	2.803	U	ug/g	481951	1352032
A9P1-64-4-RM	64	4	18-24	Uranium, Total	1.758	U	ug/g	481951	1352032
A9P1-64-5-RM	64	5	24-30	Uranium, Total	2.372	J	ug/g	481951	1352032
A9P1-64-6-RM	64	6	30-36	Uranium, Total	2.504	U	ug/g	481951	1352032
A9P1-65-1-RM	65	1	0-6	Uranium, Total	12.09	-	ug/g	481948	1352035
A9P1-65-2-RM	65	2	6-12	Uranium, Total	5.203	J	ug/g	481948	1352035
A9P1-65-3-RM	65	3	12-18	Uranium, Total	2.602	U	ug/g	481948	1352035
A9P1-65-4-RM	65	4	18-24	Uranium, Total	2.371	U	ug/g	481948	1352035
A9P1-65-5-RM	65	5	24-30	Uranium, Total	2.665	U	ug/g	481948	1352035
A9P1-65-6-RM	65	6	30-36	Uranium, Total	2.285	U	ug/g	481948	1352035
A9P1-66-1-RM	66	1	0-6	Uranium, Total	11.343	-	ug/g	481945.1	1352032
A9P1-66-2-RM	66	2	6-12	Uranium, Total	4.628	-	ug/g	481945.1	1352032
A9P1-66-3-RM	66	3	12-18	Uranium, Total	3.53	J	ug/g	481945.1	1352032
A9P1-66-4-RM	66	4	18-24	Uranium, Total	2.578	U	ug/g	481945.1	1352032
A9P1-66-5-RM	66	5	24-30	Uranium, Total	2.354	U	ug/g	481945.1	1352032
A9P1-66-6-RM	66	6	30-36	Uranium, Total	2.857	J	ug/g	481945.1	1352032
A9P1-67-1-RM	67	1	0-6	Uranium, Total	2.309	U	ug/g	481947.9	1352029
A9P1-67-2-RM	67	2	6-12	Uranium, Total	2.665	U	ug/g	481947.9	1352029
A9P1-67-3-RM	67	3	12-18	Uranium, Total	2.42	U	ug/g	481947.9	1352029
A9P1-67-4-RM	67	4	18-24	Uranium, Total	3.853	J	ug/g	481947.9	1352029
A9P1-67-5-RM	67	5	24-30	Uranium, Total	2.215	U	ug/g	481947.9	1352029
A9P1-67-6-RM	67	6	30-36	Uranium, Total	2.969	J	ug/g	481947.9	1352029
A9PI-P-CONF-1	C1	1	0-6	Uranium, Total	10.395	-	ug/g	484222.4	1352462
A9PI-P-CONF-2	C2	1	0-6	Uranium, Total	8.511	-	ug/g	484150.8	1352491
A9PI-P-CONF-3	C3	1	0-6	Uranium, Total	6.463	-	ug/g	484183.7	1352492
A9PI-P-CONF-4	C4	1	0-6	Uranium, Total	8.39	-	ug/g	484244.7	1352422
A9PI-P-CONF-5	C5	1	0-6	Uranium, Total	10.002	-	ug/g	484034.4	1352307
A9PI-P-CONF-6	C6	1	0-6	Uranium, Total	5.934	-	ug/g	483940.8	1352374
A9PI-P-CONF-7	C7	1	0-6	Uranium, Total	8.713	-	ug/g	484218.7	1352491
A9P1-S1-RM	S1	1	0-6	Uranium, Total	8.689	-	ug/g	483589.5	1352150
A9P1-S2-RM	S2	1	0-6	Uranium, Total	7.529	-	ug/g	483823.2	1352299
A9P1-S3-RM	S3	1	0-6	Uranium, Total	4.652	-	ug/g	484170.6	1352530
A9P1-S4-RM	S4	1	0-6	Uranium, Total	6.935	-	ug/g	484512.2	1352818

Qualifier	Definition
-	Result was not qualified.
U	The analyte was not detected. The value listed as the result is the minimum detectable concentration.
J	Estimated.
NV	Data was not validated. This qualifer is used for Potassium-40 for locations 4 through 9.

000093

FIGURE 5. A9P1 CU & SUB CU BOUNDARIES & CERTIFICATION SAMPLING LOCATIONS