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CERTIFICATION DESIGN LETTER FOR AREA 2, PHASE III

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
FERNALD, OHIO

INFORMATION ONLY

MARCH 1999

U.S. DEPARTMENT OF ENERGY
FERNALD AREA OFFICE

20460-RP-0001
REVISION B
DRAFT

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LIST OF ACRONYMS AND ABBREVIATIONS

A1PII	Area 1, Phase II
A2PI	Area 2, Phase I
A2PIII	Area 2, Phase III
ARWWP	Aquifer Restoration and Waste Water Project
ASCOC	area-specific constituent of concern
ASL	analytical support level
BTV	benchmark toxicity value
CDL	Certification Design Letter
COC	constituent of concern
CU	certification unit
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CRDL	Contract Required Detection Limit
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
FEMP	Fernald Environmental Management Project
FRL	final remediation level
HPGe	high purity germanium detector
mg/Kg	milligram per kilogram
NaI	sodium iodide
OEPA	Ohio Environmental Protection Agency
OU5	Operable Unit 5
pCi/g	picoCuries per gram
ppm	parts per million
PSP	Project Specific Plan
RI/FS	Remedial Investigation/Feasibility Study
RSS	Radiation Scanning System
RTRAK	Radiation Tracking System
ROD	Record of Decision
SED	Sitewide Environmental Database
SEP	Sitewide Excavation Plan
SWU	Southern Waste Unit
UCL	Upper Confidence Limit
V/FCN	Variance/Field Change Notice

EXECUTIVE SUMMARY

This Certification Design Letter (CDL) describes the certification approach for Area 2, Phase III (A2PIII). The following information is included:

- Definitions of the area boundaries addressed in this CDL
- Presentation of historical data and newly acquired precertification real-time data
- The area-specific constituent of concern (ASCOC) selection process and list of ASCOCs assigned to A2PIII.
- A presentation of the certification unit (CU) boundaries and proposed sampling strategy
- The analytical requirements and the statistical methodology that will be employed
- The proposed certification schedule.

The scope of this CDL is limited to A2PIII, which is an approximately 75-acre plot of land south of the production area. No production operations took place within the area although there are several underground pipes and other site infrastructure components within A2PIII. A review of historical analytical data and aerial photographs shows isolated radiological contamination slightly exceeding final remediation levels (FRLs) for thorium-228 and thorium-232, although no remedial action is anticipated. This conclusion is supported in most of the area by precertification data, which is being collected using real-time in situ gamma field instruments. However, radium-226 hot spots were detected in the northern "peninsula" area and will require further delineation and remediation prior to certification. This delineation and remediation approach along with additional field data acquired to complete the precertification Phase I surface coverage, will be documented in an addendum to this CDL.

The certification design presented in this CDL follows the general approach outlined in Section 3.4 of the Sitewide Excavation Plan (SEP) (DOE 1998a). The selection of A2PIII ASCOCs was accomplished using constituent of concern (COC) lists in the Operable Unit 5 (OU5) Record of Decision (ROD) (DOE 1996), process knowledge of the site COCs and release history. A total of 23 Certification Units (CU) were established, including eight CUs specifically for the stockpiles within the A2PIII footprint. Sample locations within an additional Group 1 CU which addresses the radium-226

remediation area will be detailed in an addendum to this CDL. Total uranium, thorium-228, thorium-232, radium-226, and radium-228 (the sitewide primary COCs) will be considered ASCOCs in every CU in these areas. Field sampling is scheduled to begin in late June 1999, and the Certification Report will be issued December 17, 1999.

1.0 INTRODUCTION

This CDL describes the certification approach for demonstrating that soil in A2PIII meets the FRLs for all ASCOCs. The format of this CDL follows SEP guidelines.

1.1 OBJECTIVES

The primary objectives of this document are to:

- Define the area boundaries addressed in this CDL
- Present historical data and newly acquired real-time data in the form of data maps of the area proposed for certification
- Define the ASCOC selection process and list the selected ASCOCs for those areas
- Present the CU boundaries and proposed sampling strategy
- Summarize the analytical requirements and the statistical methodology that will be employed
- Present the proposed schedule for the certification activities.

1.2 SCOPE

The scope of this CDL is limited to A2PIII, which is essentially the south-central portion of the FEMP site, approximately 75 acres (Figure 1-1). This includes the portion of the FEMP property north of Willey Road and west of the South Access Road. An unnamed tributary runs along the southern boundary of Area 1, Phase II (west of the South Access Road) and provides drainage from Area 1 into the Storm Sewer Outfall Ditch and eventually into Paddys Run. This drainage system provides a natural boundary for a part of the northern and western portions of A2PIII. The western border of A2PIII is the top of the eastern slope of the Storm Sewer Outfall Ditch. The modified northern border of A2PIII will be the top of ditch line that runs along the southern edge of the Area 1, Phase II outfall area and the southern edge of the stormwater retention basin. The stream bed and side banks of the unnamed tributary and storm sewer outfall drainage area corridor will not be certified until the up gradient drainage sources have been certified. The certification for this "dirty" corridor will be completed as part of Area 10 remediation.

The topography of this area of the FEMP (Figure 1-2) includes gently rolling uplands with steep hillsides along streams such as Paddys Run and several of the unnamed tributaries. There are also

large trees and dense brush covering these hillsides. The major portion of A2PIII is a large open field with a thick vegetative covering. A thin tree line runs through the center of this field. On the western side of the field, there are three small drainage culverts that traverse the field and drain into the Storm Sewer Outfall Ditch. There is also one long drainage tributary that flows from the Knollman property (off site) under Willey Road and eventually merges with the Storm Sewer Outfall Ditch near the Active Flyash Pile. All of these tributaries generally flow from east to west and converge into Paddys Run at the National Pollutant Discharge Elimination System outfall sampling station #4003.

In addition to the drainage creeks, there are several permanent and semi-permanent man-made obstructions in A2PIII which were created prior to, and as the result of, underground piping installation of extraction and injection wells for the Aquifer Restoration and Waste Water Project (ARWWP). Permanent utility towers are located along the southern boundary. Underground water/utility/extraction/injection piping intersects the area. Five pumphouse structures, one site potable water meter house, exposed extraction/injection well piping, and several concrete pads are within A2PIII. Three large soil stockpiles were generated in the eastern portion of A2PIII: MTL-SPO-005, MTL-SPO-004, and MTL-SPO-019. Several temporary obstructions, such as excess piping (including connected piping from the injection well demonstration project) and silt fences, remain from previous projects. Also, a series of gravel and paved roads for access to extraction/injection wells and pumphouses traverse the area. A gravel laydown area measuring approximately 175' x 75' is attached to these roads in the southwest section of A2PIII and was used by the subcontractor during the installations of the wells and piping.

In addition to this 75 acre tract, a half acre soil stockpile (MTL-HRD-011) near the Southern Waste Units (SWUs) equipment wash facility (Figure 1-2) will be included as an extension of A2PIII. This stockpile consists of approximately 5,000 cubic yards of soil primarily excavated from a portion of the haul road construction.

Based on existing soil contamination data and the perimeter location of A2PIII, no contaminated soil excavation was anticipated. Consequently, the remediation approach followed Excavation Approach E, as identified in Figure 4-1 of the SEP, which does not require the development of an Integrated Remedial Design Package. The certification process for these areas began with precertification scanning activities.

2.0 HISTORICAL AND PRECERTIFICATION DATA

In accordance with the SEP, all soil demonstrated to contain contamination above the associated FRLs or other applicable action levels must be evaluated for remedial actions prior to conducting precertification and certification activities. The OU5 ROD also commits the FEMP to removing any man-made objects, including debris, building foundations, and drainage systems, before a remediation area can be certified. However, there are several man-made obstructions within A2PIII which will remain during and after certification. These include the utility towers, paved/gravel roads and pad, pumphouses, all underground piping and associated concrete pads. Two culverts supporting an east to west drainage pattern into the unnamed tributary will remain, including the drainage from Knollman's property.

All the semi-permanent obstructions, such as silt fencing and excess piping, will be removed prior to certification.

2.1 HISTORICAL DATA

Before initiating certification, all historical soil data pertinent to A2PIII were pulled from the Sitewide Environmental Database (SED), including data within a 100 foot buffer surrounding the subject A2PIII area. Sixty-six locations were identified in the data pull, resulting in 271 samples with analytical results. These sample locations are plotted in Figure 2-1. Twelve of the 271 analytical results have validated results above FRL limits and are summarized in Table 2-1. The below FRL analytical results and unvalidated above FRL analytical results are identified in Table 2-2.

The validated, above FRL N-nitroso-di-n-propylamine estimated values are the result of contract required detection limits (CRDLs) greater than the FRL. Review of the data packages shows that these samples were diluted per method by the subcontractor laboratory, effectively raising the CRDL above the FRL concentrations. It should be noted that the soil FRLs were established after receipt of the analytical report with the high CRDLs, and the samples (taken in 1993) were no longer available for reanalysis. While these data are inconclusive with respect to exceeding an FRL, process knowledge and disposal practices indicate these organic compounds are not likely to be found in the proposed certification area. Based on this information, organic compounds will not be retained as ASCOCs.

One thorium-228 and one total uranium sample taken from the same location (CIS_SYSGEN_5) exceed FRL concentrations. These samples are located within the footprint of the Storm Sewer Outfall Line (Figure 2-1) in the 100' buffer zone around the area. This drainage corridor is recognized as potentially requiring remediation and is not included in this certification effort for that reason.

Thorium-228 and thorium-232 were detected in soil at depth in two locations. At one location, thorium-228 and thorium-232 were detected at a depth interval of 20-21.5 feet. At the other location, thorium-228 was detected at a depth interval of 125-126.5 feet. These elevated thorium-228 and thorium-232 results should be considered suspect since data in the immediate area at similar depths were reviewed and no other samples were found with elevated thorium contamination. Also, a higher activity at depth is not consistent with depositional scenarios for thorium, as thorium is immobile and not likely to leach at the surface and be redeposited at depth. Based on these reasons, no remedial action is planned in these areas. However, both thorium-228 and thorium-232 will be retained as ASCOCs.

The soil stockpiles in the field east of the Storm Sewer Outfall Line were generated from topsoil strippings during the underground piping installation of extraction and injection wells for the ARWWP and COC concentrations are expected to be representative of the rest of the A2PIII field. The soil stockpile near the SWU equipment wash facility (MTL-HRD-0011) was generated during construction of the haul road. One Remedial Investigation/Feasibility Study (RI/FS) sample point (500318/SS-34) is located within the excavation footprint of the generated soil (Table 2-2). The results for this location are below FRLs except for n-nitroso-di-n-propylamine. As discussed previously, the CRDL for this data point was above the FRL. N-nitroso-di-n-propylamine will not be considered an ASCOC for this stockpile.

Aerial photos, taken as early as the 1950s, were evaluated. As discussed in Section 1.2, several construction and installation events have disturbed the soil in A2PIII. Even though most of the older photos are inconclusive about the exact nature of the disturbances, they helped identify areas of potential concern when evaluating precertification scanning results and were taken into consideration when establishing the certification unit boundary.

Finally, existing data collected from within A2PIII were also reviewed against the benchmark toxicity values (BTVs) of each constituent of ecological concern and no BTV exceedences were identified.

2.2 PRECERTIFICATION DATA

According to guidelines established in Section 3.3.3 of the SEP, precertification activities were conducted in A2PIII to evaluate residual radiological contamination patterns. During precertification Phase 1, a surface radiation survey was conducted over most of A2PIII including the stockpiles. Prior to scanning, approximately three of the 75 acres were estimated to be inaccessible. At the time of this CDL submittal, approximately 70 of the 75 acres have been scanned, including all four soil stockpiles. Scanning is not complete due to a greater than anticipated schedule loss attributed to snow cover and excessive moisture conditions from this past winter. Scanning is ongoing to fill small gaps missed during the Phase I radiation survey. The additional data acquired to complete coverage will be presented prior to final approved of this CDL.

The Radiation Tracking System (RTRAK) was used to collect information about surface soil radiological contamination patterns over A2PIII. However, because the RTRAK was not capable of accessing densely wooded areas or steep banks, supplemental Radiation Scanning System (RSS) and high-purity germanium (HPGe) detector measurements were collected using the no overlap (90.6 percent coverage) option to assure that any areas of elevated contamination were not missed. Some gaps in coverage exist due to steepness of the slopes, trees, and man-made obstructions in the field. A description of the gaps is included in the total activity maps appendix (Appendix A). Details on the use and capabilities of the RTRAK, the RSS, and the HPGe are provided in the User Guidelines, Measurement Strategies, and Operational Factors for Deployment of In-Situ Gamma Spectrometry at the Fernald Site (DOE 1998b) and Appendix H to the Sitewide Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Quality Assurance Project Plan (DOE 1998c). Since the size of A2PIII required extensive data mapping, the precertification area is separated into six maps for more efficient map generation. The key designating the precertification map boundaries is documented in Figure 2-2.

The A2PIII precertification Phase 1 RTRAK/RSS scan showed a few distinguishable total activity patterns but none with a range of concentrations large enough to warrant separate CU considerations. As shown in the Appendix A, some total activity concentration patterns appear to follow past construction roads and soil disturbances created in previous construction events (i.e. ARWWP extraction and injection well pipeline).

In the open field east of the Storm Sewer Outfall Line and in the stockpiles, the precertification Phase I measurements for total uranium, thorium-232 and radium-226 were primarily below the FRLs of 82 ppm, 1.5 pCi/g and 1.7 pCi/g, respectively. While some isolated results exceeded the associated FRLs, no "potential hot spots" were identified in these areas. The mobile NaI ASCOC results presented in these figures are two-point averages. All real-time results (RTRAK, RSS and HPGe) presented in this CDL have been moisture and radon corrected. The total uranium, thorium-232 and radium-226 maps can be found in Appendix B, C, and D, respectively.

After review of the current precertification Phase 1 mapped data, and considering other factors discussed in Section 3.4.1 of the SEP, CUs were then established before beginning precertification Phase 2. Many of the boundaries are established based on drainage patterns in the field, existing roads, tributary delineation and unscanned areas due to steepness and vegetative thickness. The next step of precertification is to investigate the areas where the mobile NaI scan identified higher total activity levels.

Near completion of Phase I measurements, locations of highest activity within each CU (minimum one per CU) were identified for Phase 2 HPGe readings and documented in a Variance/Field Change Notice (V/FCN) to the precertification PSP. The HPGe readings were used to discern the activities of the individual primary radiological ASCOCs.

Appendix E shows the locations and results of the HPGe readings collected for Phase II of the precertification. Results of these readings show primary radiological COC concentrations are well below the respective FRLs for CUs A2P3-01 through A2P3-15. Above-FRL contamination is unlikely to be present in this part of A2PIII, and as a result, these CUs are ready for certification activities to begin. All A2PIII and precertification data area accessible through the SED.

In the northern "peninsula" area (west of the northern leg of the unnamed tributary, south of the east chamber of the stormwater retention basin, and east of the Storm Sewer Outfall Line), 20 HPGe Phase I radium-226 measurements were identified as being hot spots, along with several RSS total uranium measurements. The area and location of the Phase I radium-226 hot spots are depicted in Figure 2-3. The delineation and remediation will follow the process depicted in SEP figure 3-11.

An excavation plan to remediate the hot spots will be submitted. This excavation plan will include parameters for remediation and schedule for the proposed excavation and subsequent precertification/certification.

To date, the hot spot delineation measurements are not complete. The lateral extent of contamination has been identified and the preliminary Group 1 CU boundary is established as A2P3-16 (Figure 4-1). Physical sampling to assess the vertical extent of contamination will include borings to at least 4 foot depths within the contamination area. The results of the vertical investigation will be included in the excavation plan. Upon completion of excavation and precertification of the radium-226 hot spot area, certification sampling locations will be established within the preliminary A2P3-16 CU boundary and documented in a revision to this CDL.

3.0 AREA-SPECIFIC CONSTITUENTS OF CONCERN

In the OU5 ROD, 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 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 RI/FS 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 on site 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

The selection process for retaining ASCOCs for a remediation area is driven by applying a set of decision criteria. A soil contaminant will be retained as an A2PIII ASCOC if:

- It is listed as a soil COC in the OU5 ROD
- It can be traced to site use, either through process knowledge or known release of the constituent to the environment
- Analytical results indicate the contaminant is present at a concentration above its FRL, and the above-FRL concentrations are not attributable to false positives or elevated CRDLs
- Physical characteristics of the contaminant, such as half-life, indicate it is likely to persist in the soil between time of release and remediation.
- The contaminant is one of the sitewide primary COCs (total uranium, radium-226, radium-228, thorium-232, and thorium-228).

3.2 ASCOC SELECTION PROCESS FOR A2PIII

Total uranium, radium-226, radium-228, thorium-228 and thorium-232 are sitewide primary COCs and will be retained as ASCOCs for this reason. Review of historical data shows little above- FRL contamination in the field east and south of the Storm Sewer Outfall Line, within the northern "peninsula" and in MTL-HRD-0011. As discussed in Section 2, N-nitroso-di-n-propylamine will not be retained as an ASCOC since the non-detect CRDL is greater than the FRL. Based on these factors and the inability to identify any mechanism for secondary COC contamination of A2PIII, only the sitewide primary COCs will be retained as ASCOCs. The ASCOC list of A2PIII can be found in Table 3-1.

4.0 CERTIFICATION APPROACH

4.1 CERTIFICATION DESIGN

The certification design for A2PIII follows the general approach outlined in Section 3.4 of the SEP. As discussed in Section 3.0 of this document, total uranium, thorium-228, thorium-232, radium-226, and radium-228 (the primary ASCOCs) will be retained in all CUs as the only CU-specific ASCOCs. The A2PIII certification design is divided into two separate approaches: Open Field CUs and Stockpile CUs.

4.1.1 Open Field CU Design

Since the majority of the area is an open field and is considered to be "nonimpacted," Approach E will be used as a basis for certification design, as described in Section 4.5 of the SEP. Fifteen Group 2 CUs, which can be as large as 250,000 square feet, are identified and depicted in Figure 4-1, along with the preliminary Group 1 CU for the elevated radium-226 hot spot area. The CUs along the eastern boundary extend to the west edge of the South Access Road. The CUs along the southern boundary extend to Willey Road. The CUs bounded by the tributaries extend partially down the side banks of the tributaries to allow for potential backup during extreme rain events and flooding.

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, and testing the locations against the minimum distance criterion for the CU. If this was the case, 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 criterion. The selected A2PIII certification sampling locations are shown in Figure 4-2.

The allowable minimum distance between pairs ranged from 9.4 feet in CU A2P3-1S and 1SF to 62.5 feet in CU A2P3-14. Of note, it is possible that subsurface obstacles (e.g., buried rocks or tree roots) could prevent collection at the planned location. If this is the case, the location can be moved up to three feet from the original location, as long as it remains within the same CU and sub-CU boundary. A check of the minimum distances between locations reveals that such a move would not cause a violation of the minimum distance criterion for even the closest of location pairs. A move of more

than three feet would require a minimum distance recheck, and approval from the U.S. Environmental Protection Agency (EPA) and Ohio EPA.

Discrete soil samples will be collected from each of the 16 random sampling locations. Each sample will be collected from the 0 to 6-inch (surface) soil interval at the designated and surveyed sample point. If a sample point is located within the footprint of a gravel/paved pad or road, the sample will be taken to a depth of six inches below the gravel/asphalt base. Of the 16 certification samples, a total of 12 will be submitted for analysis. In order to select the 12 samples for analysis and still provide good areal coverage, each CU is divided into quadrants, with each quadrant containing four sample locations. Three of the four samples from each quadrant are then randomly selected for analysis, resulting in a total of 12 samples analyzed per CU. The other four samples from each CU are to be archived and analyzed only if necessary.

During precertification, some areas could not be scanned by real-time equipment due to inaccessibility (steepness of slope, dense vegetation, etc). One area specifically has been delineated as a separate CU (A2P3-09) to account for the unscanned area. All HPGe measurements adjacent to inaccessible areas were below FRLs. Some of the random sample locations within the A2P3-2, 3, 6, 10 and 13 CUs fall within the inaccessible areas and will support attainment of FRLs.

4.1.2 Stockpile CU Design

Although the soil generated in creation of the stockpiles is considered nonimpacted, the approach will be different than the other areas within A2PIII. Each stockpile will be designated as two CUs; one CU for the footprint (footprint CU) of the stockpile and one CU for the pile (pile CU). The stockpiles will be gridded into quadrants per Section 3.4.2 of the SEP. Sixteen sample locations will be generated for each stockpile except for MTL-SPO-019. Only 12 sample locations will be generated for stockpile MTL-SPO-019 due to the small size of the pile. The selected certification sample locations for the stockpile CUs are depicted in Appendix F.

Twelve samples for each pile CU for MTL-HRD-011 will be submitted for analysis. Ten samples for each CU for MTL-004 and MTL-005 will be submitted for analysis. Eight samples for each CU for MTL-009 will be submitted for analysis. The number of samples submitted for the footprint and pile CUs will be the same. The stockpile CU identification is the following:

	Pile CU	Footprint CU
MTL-SPO-019	A2P3-1S	A2P3-1SF
MTL-SPO-004	A2P3-2S	A2P3-2SF
MTL-SPO-005	A2P3-3S	A2P3-3SF
MTL-HRD-011	A2P3-4S	A2P3-4SF

The location for all samples will be randomly generated and spaced according to Section 3.4.2 of the SEP. The footprint CU and pile CU samples will share the same location but different depths. The randomly identified sample locations for the footprint CUs will be bored to a depth of 6 inches below each stockpile's base footprint. Base footprint CU samples will follow the same protocol (random sample generation, minimum distance, etc.) as established in Section 3.4.2 of the SEP. Pile CU protocol is as follows:

1. Each core location has a randomly identified 6 inch interval for submittal for analysis.
2. Each core will be beta/gamma frisked in the field. All intervals which exhibit greater than background beta/gamma measurements will supercede the randomly identified interval and be submitted for analysis.
3. If no interval exhibits greater than background beta/gamma, the randomly generated interval will be submitted for analysis.

4.2 ANALYTICAL METHODOLOGY AND STATISTICAL ANALYSIS

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) E, where all requirements are the same as ASL D except the minimum detection level for the selected analytical method must be at a minimum of 10 percent of FRL. All results will be validated to ASL B, and a minimum 10 percent of the results from each laboratory will be validated to ASL D. Because results are batched by CU, all results from three CUs will be validated to ASL D. Samples rejected during validation will be reanalyzed, unless results are greater than FRL. An archive sample may be substituted if there is insufficient material available from the initial sample. Rejected results which are greater than FRL will require resampling. Once data are validated as required, results will be entered into the SED and a statistical analysis will be performed to evaluate the pass/fail criteria for the each CU. The statistical approach is discussed in Section 3.4.3 and Appendix G of the SEP.

Two criteria must be met for the CU to be certified as passing. 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. On an individual CU basis, any ASCOC with the 95 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 related to the hot spot criterion that is currently being formulated by the U.S. EPA, the OEPA, and the U.S. Department of Energy (DOE). The certification under the scope of this CU will be subject to the agreed upon hot-spot criterion. When the given UCL on the mean for each COC is less than its FRL, and the hot-spot criterion is met, the CU has met both criteria and will be considered certified.

There are three conditions that could result in a CU failing certification: 1) 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 to 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.

5.0 SCHEDULE

The following draft schedule shows key activities for the completion of the work within the scope of this CDL. The schedule for excavation, precertification, and certification of the radium-226 contamination area will be addressed in the excavation plan. The primary drivers for this schedule are agreements with DOE and potential need for OSDF borrow material in the year 2000.

ACTIVITY	TARGET DATE
Submittal of Certification Design Letter	March 31, 1999*
Start of Certification Sampling (Group 2 CUs)	June 28, 1999
Submittal of Excavation Plan	August 6, 1999
Complete Certification Sampling (Group 2 CUs)	August 9, 1999
Complete Analytical Work (Group 2 CUs)	September 28, 1999
Complete Data Validation/Statistical Analysis (Group 2 CUs)	October 29, 1999
Submit Certification Report	January 28, 2000*

* Only the dates for submittal of the Certification Design Letter and Certification Report are commitments to the OEPA and EPA. Other dates are internal target completion dates.

REFERENCES

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.

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Table 1
A2PIII Validated Historical Data Above FRLs

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	FRL Limit	Result	Qualifier	Units
N-Nitroso-di-n-propylamine	121070	500318/SS-47	0	0.5	478001.32	1349422.67	200	420	U	ug/kg
N-Nitroso-di-n-propylamine	121018	500318/SS-45	0	0.5	476603.21	1348502.72	200	400	U	ug/kg
N-Nitroso-di-n-propylamine	121022	500318/SS-43	0	0.5	477045.59	1349219.59	200	400	U	ug/kg
N-Nitroso-di-n-propylamine	121036	500318/SS-34	0	0.5	479260.22	1347238.3	200	390	U	ug/kg
N-Nitroso-di-n-propylamine	121067	500318/SS-44	0	0.5	476846.41	1348466.28	200	380	U	ug/kg
N-Nitroso-di-n-propylamine	121070	500318/SS-47	0	0.5	478001.32	1349422.67	200	420	U	ug/kg
N-Nitroso-di-n-propylamine	121073	500318/SS-46	0	0.5	477381.11	1349441.46	200	410	U	ug/kg
Thorium-228	032562	2387	20	21.5	477148.47	1348972.17	1.7	4.23	-	pCi/g
Thorium-228	032890	3390	125	126.5	476570.05	1348412.59	1.7	7.58	-	pCi/g
Thorium-228	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	1.7	3.2915	J	pCi/g
Thorium-232	032562	2387	20	21.5	477148.47	1348972.17	1.5	4.24	-	pCi/g
Uranium, Total	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	82	443.0135	J	mg/kg

000023

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000024

Table 3-2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
1,1,1-Trichloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
1,1,1-Trichloroethane	103199	3398			476615.3	1349865	7	U	ug/kg	NA
1,1,1-Trichloroethane	104450	2166			476553.3	1349637	16	U	ug/kg	NA
1,1,1-Trichloroethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
1,1,1-Trichloroethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
1,1,1-Trichloroethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NA
1,1,1-Trichloroethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
1,1,1-Trichloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
1,1,1-Trichloroethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NA
1,1,2,2-Tetrachloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
1,1,2,2-Tetrachloroethane	103199	3398			476615.3	1349865	7	U	ug/kg	NA
1,1,2,2-Tetrachloroethane	104450	2166			476553.3	1349637	16	U	ug/kg	NA
1,1,2,2-Tetrachloroethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
1,1,2,2-Tetrachloroethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
1,1,2,2-Tetrachloroethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	UJ	ug/kg	NA
1,1,2,2-Tetrachloroethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
1,1,2,2-Tetrachloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
1,1,2,2-Tetrachloroethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NA
1,1,2-Trichloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
1,1,2-Trichloroethane	103199	3398			476615.3	1349865	7	U	ug/kg	NO
1,1,2-Trichloroethane	104450	2166			476553.3	1349637	16	U	ug/kg	NO
1,1,2-Trichloroethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
1,1,2-Trichloroethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
1,1,2-Trichloroethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
1,1,2-Trichloroethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
1,1,2-Trichloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
1,1,2-Trichloroethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
1,1-Dichloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NA
1,1-Dichloroethane	103199	3398			476615.3	1349865	7	U	ug/kg	NA
1,1-Dichloroethane	104450	2166			476553.3	1349637	16	U	ug/kg	NA
1,1-Dichloroethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
1,1-Dichloroethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
1,1-Dichloroethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NA
1,1-Dichloroethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
1,1-Dichloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NA
1,1-Dichloroethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NA
1,1-Dichloroethene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO

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Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
1,1-Dichloroethene	103199	3398			476615.3	1349865	7	U	ug/kg	NO
1,1-Dichloroethene	104450	2166			476553.3	1349637	16	UJ	ug/kg	NO
1,1-Dichloroethene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
1,1-Dichloroethene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
1,1-Dichloroethene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
1,1-Dichloroethene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
1,1-Dichloroethene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
1,1-Dichloroethene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NO
1,2,4-Trichlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
1,2,4-Trichlorobenzene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
1,2,4-Trichlorobenzene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
1,2,4-Trichlorobenzene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
1,2,4-Trichlorobenzene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
1,2,4-Trichlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
1,2,4-Trichlorobenzene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
1,2-Dichlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
1,2-Dichlorobenzene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
1,2-Dichlorobenzene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
1,2-Dichlorobenzene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
1,2-Dichlorobenzene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
1,2-Dichlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
1,2-Dichlorobenzene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
1,2-Dichloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
1,2-Dichloroethane	103199	3398			476615.3	1349865	7	U	ug/kg	NO
1,2-Dichloroethane	104450	2166			476553.3	1349637	16	U	ug/kg	NO
1,2-Dichloroethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
1,2-Dichloroethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
1,2-Dichloroethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
1,2-Dichloroethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
1,2-Dichloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
1,2-Dichloroethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NO
1,2-Dichloroethene (Total)	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NA
1,2-Dichloroethene (Total)	103199	3398			476615.3	1349865	7	U	ug/kg	NA
1,2-Dichloroethene (Total)	104450	2166			476553.3	1349637	16	U	ug/kg	NA
1,2-Dichloroethene (Total)	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
1,2-Dichloroethene (Total)	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
1,2-Dichloroethene (Total)	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NA

Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
1,2-Dichloroethene (Total)	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
1,2-Dichloroethene (Total)	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NA
1,2-Dichloroethene (Total)	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NA
1,2-Dichloropropane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
1,2-Dichloropropane	103199	3398			476615.3	1349865	7	U	ug/kg	NA
1,2-Dichloropropane	104450	2166			476553.3	1349637	16	U	ug/kg	NA
1,2-Dichloropropane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
1,2-Dichloropropane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
1,2-Dichloropropane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NA
1,2-Dichloropropane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
1,2-Dichloropropane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
1,2-Dichloropropane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NA
1,3-Dichlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
1,3-Dichlorobenzene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
1,3-Dichlorobenzene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
1,3-Dichlorobenzene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
1,3-Dichlorobenzene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
1,3-Dichlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
1,3-Dichlorobenzene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
1,4-Dichlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
1,4-Dichlorobenzene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
1,4-Dichlorobenzene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
1,4-Dichlorobenzene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
1,4-Dichlorobenzene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
1,4-Dichlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
1,4-Dichlorobenzene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
2,4,5-Trichlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
2,4,5-Trichlorophenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1000	U	ug/kg	NA
2,4,5-Trichlorophenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	990	U	ug/kg	NA
2,4,5-Trichlorophenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	980	U	ug/kg	NA
2,4,5-Trichlorophenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	950	U	ug/kg	NA
2,4,5-Trichlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
2,4,5-Trichlorophenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1000	U	ug/kg	NA
2,4,6-Trichlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,4,6-Trichlorophenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
2,4,6-Trichlorophenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
2,4,6-Trichlorophenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA

Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
2,4,6-Trichlorophenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
2,4,6-Trichlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,4,6-Trichlorophenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
2,4-Dichlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,4-Dichlorophenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
2,4-Dichlorophenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
2,4-Dichlorophenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
2,4-Dichlorophenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
2,4-Dichlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,4-Dichlorophenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
2,4-Dimethylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,4-Dimethylphenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
2,4-Dimethylphenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
2,4-Dimethylphenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
2,4-Dimethylphenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
2,4-Dimethylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,4-Dimethylphenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
2,4-Dinitrophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	UJ	ug/kg	NA
2,4-Dinitrophenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1000	UJ	ug/kg	NA
2,4-Dinitrophenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	990	U	ug/kg	NA
2,4-Dinitrophenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	950	U	ug/kg	NA
2,4-Dinitrophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	UJ	ug/kg	NA
2,4-Dinitrophenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1000	UJ	ug/kg	NA
2,4-Dinitrotoluene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,4-Dinitrotoluene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
2,4-Dinitrotoluene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
2,4-Dinitrotoluene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
2,4-Dinitrotoluene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
2,4-Dinitrotoluene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,4-Dinitrotoluene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
2,6-Dinitrotoluene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,6-Dinitrotoluene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
2,6-Dinitrotoluene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
2,6-Dinitrotoluene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
2,6-Dinitrotoluene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
2,6-Dinitrotoluene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2,6-Dinitrotoluene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA

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000028

Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
2-Butanone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
2-Butanone	103199	3398			476615.3	1349865	13	U	ug/kg	NA
2-Butanone	104450	2166			476553.3	1349637	3	U	ug/kg	NA
2-Butanone	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
2-Butanone	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
2-Butanone	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
2-Butanone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
2-Butanone	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NA
2-Chloronaphthalene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2-Chloronaphthalene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
2-Chloronaphthalene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
2-Chloronaphthalene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
2-Chloronaphthalene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
2-Chloronaphthalene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2-Chloronaphthalene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
2-Chlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2-Chlorophenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
2-Chlorophenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
2-Chlorophenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
2-Chlorophenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
2-Chlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2-Chlorophenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
2-Hexanone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
2-Hexanone	103199	3398			476615.3	1349865	13	UJ	ug/kg	NA
2-Hexanone	104450	2166			476553.3	1349637	16	U	ug/kg	NA
2-Hexanone	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
2-Hexanone	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
2-Hexanone	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
2-Hexanone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
2-Hexanone	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NA
2-Methylnaphthalene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	UJ	ug/kg	NA
2-Methylnaphthalene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
2-Methylnaphthalene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	UJ	ug/kg	NA
2-Methylnaphthalene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	UJ	ug/kg	NA
2-Methylnaphthalene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
2-Methylnaphthalene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	UJ	ug/kg	NA
2-Methylnaphthalene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	UJ	ug/kg	NA

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Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
2-Nitroaniline	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
2-Nitroaniline	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1000	UJ	ug/kg	NA
2-Nitroaniline	121022	500318/SS-43	0	0.5	477045.59	1349219.59	990	U	ug/kg	NA
2-Nitroaniline	121036	500318/SS-34	0	0.5	479260.22	1347238.3	980	UJ	ug/kg	NA
2-Nitroaniline	121067	500318/SS-44	0	0.5	476846.41	1348466.28	950	U	ug/kg	NA
2-Nitroaniline	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
2-Nitroaniline	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1000	U	ug/kg	NA
2-Nitrophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2-Nitrophenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
2-Nitrophenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
2-Nitrophenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
2-Nitrophenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
2-Nitrophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
2-Nitrophenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
3,3'-Dichlorobenzidine	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
3,3'-Dichlorobenzidine	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
3,3'-Dichlorobenzidine	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	UJ	ug/kg	NO
3,3'-Dichlorobenzidine	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	UJ	ug/kg	NO
3,3'-Dichlorobenzidine	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
3,3'-Dichlorobenzidine	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
3,3'-Dichlorobenzidine	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	UJ	ug/kg	NO
3-Nitroaniline	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
3-Nitroaniline	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1000	U	ug/kg	NA
3-Nitroaniline	121022	500318/SS-43	0	0.5	477045.59	1349219.59	990	U	ug/kg	NA
3-Nitroaniline	121036	500318/SS-34	0	0.5	479260.22	1347238.3	980	U	ug/kg	NA
3-Nitroaniline	121067	500318/SS-44	0	0.5	476846.41	1348466.28	950	U	ug/kg	NA
3-Nitroaniline	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
3-Nitroaniline	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1000	U	ug/kg	NA
4,4'-DDD	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
4,4'-DDD	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4	U	ug/kg	NA
4,4'-DDD	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.9	UJ	ug/kg	NA
4,4'-DDD	121036	500318/SS-34	0	0.5	479260.22	1347238.3	7.8	U	ug/kg	NA
4,4'-DDD	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
4,4'-DDE	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
4,4'-DDE	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4	U	ug/kg	NA
4,4'-DDE	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.9	UJ	ug/kg	NA
4,4'-DDE	121036	500318/SS-34	0	0.5	479260.22	1347238.3	7.8	U	ug/kg	NA

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Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
4,4'-DDE	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
4,4'-DDT	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
4,4'-DDT	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4	U	ug/kg	NA
4,4'-DDT	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.9	UJ	ug/kg	NA
4,4'-DDT	121036	500318/SS-34	0	0.5	479260.22	1347238.3	7.8	U	ug/kg	NA
4,4'-DDT	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
4,6-Dinitro-2-methylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	UJ	ug/kg	NA
4,6-Dinitro-2-methylphenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1000	UJ	ug/kg	NA
4,6-Dinitro-2-methylphenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	990	UJ	ug/kg	NA
4,6-Dinitro-2-methylphenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	980	UJ	ug/kg	NA
4,6-Dinitro-2-methylphenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	950	U	ug/kg	NA
4,6-Dinitro-2-methylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	UJ	ug/kg	NA
4,6-Dinitro-2-methylphenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1000	UJ	ug/kg	NA
4-Bromophenyl phenyl ether	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
4-Bromophenyl phenyl ether	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
4-Bromophenyl phenyl ether	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
4-Bromophenyl phenyl ether	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
4-Bromophenyl phenyl ether	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
4-Bromophenyl phenyl ether	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
4-Bromophenyl phenyl ether	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
4-Chloro-3-methylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
4-Chloro-3-methylphenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
4-Chloro-3-methylphenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
4-Chloro-3-methylphenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
4-Chloro-3-methylphenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
4-Chloro-3-methylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
4-Chloro-3-methylphenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
4-Chlorophenylphenyl ether	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
4-Chlorophenylphenyl ether	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
4-Chlorophenylphenyl ether	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
4-Chlorophenylphenyl ether	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
4-Chlorophenylphenyl ether	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
4-Chlorophenylphenyl ether	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
4-Chlorophenylphenyl ether	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
4-Methyl-2-pentanone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
4-Methyl-2-pentanone	103199	3398			476615.3	1349865	13	U	ug/kg	NO
4-Methyl-2-pentanone	104450	2166			476553.3	1349637	16	U	ug/kg	NO

Table 2-2
A2PIII Validated Historical Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
4-Methyl-2-pentanone	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
4-Methyl-2-pentanone	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
4-Methyl-2-pentanone	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
4-Methyl-2-pentanone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
4-Methyl-2-pentanone	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
4-Nitroaniline	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NO
4-Nitroaniline	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1000	UJ	ug/kg	NO
4-Nitroaniline	121022	500318/SS-43	0	0.5	477045.59	1349219.59	990	U	ug/kg	NO
4-Nitroaniline	121036	500318/SS-34	0	0.5	479260.22	1347238.3	980	U	ug/kg	NO
4-Nitroaniline	121067	500318/SS-44	0	0.5	476846.41	1348466.28	950	U	ug/kg	NO
4-Nitroaniline	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NO
4-Nitroaniline	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1000	U	ug/kg	NO
4-Nitrophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
4-Nitrophenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1000	U	ug/kg	NA
4-Nitrophenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	990	U	ug/kg	NA
4-Nitrophenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	980	U	ug/kg	NA
4-Nitrophenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	950	U	ug/kg	NA
4-Nitrophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
4-Nitrophenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1000	U	ug/kg	NA
Acenaphthene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Acenaphthene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Acenaphthene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	UJ	ug/kg	NA
Acenaphthene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Acenaphthene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Acenaphthene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Acenaphthene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Acenaphthylene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Acenaphthylene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Acenaphthylene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Acenaphthylene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Acenaphthylene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Acenaphthylene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Acenaphthylene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Acetone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	12	J	ug/kg	NO
Acetone	103199	3398			476615.3	1349865	13	U	ug/kg	NO
Acetone	104450	2166			476553.3	1349637	28	J	ug/kg	NO
Acetone	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	UJ	ug/kg	NO

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Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Acetone	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Acetone	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	UJ	ug/kg	NO
Acetone	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Acetone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	12	J	ug/kg	NO
Acetone	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
Aldrin	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
Aldrin	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NA
Aldrin	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NA
Aldrin	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NA
Aldrin	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
alpha-BHC	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
alpha-BHC	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NA
alpha-BHC	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NA
alpha-BHC	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NA
alpha-BHC	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
alpha-Chlordane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NO
alpha-Chlordane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NO
alpha-Chlordane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NO
alpha-Chlordane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NO
alpha-Chlordane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NO
Aluminum	121070	500318/SS-47	0	0.5	478001.32	1349422.67	5610	-	mg/kg	NA
Aluminum	121018	500318/SS-45	0	0.5	476603.21	1348502.72	11600	J	mg/kg	NA
Aluminum	121022	500318/SS-43	0	0.5	477045.59	1349219.59	8380	-	mg/kg	NA
Aluminum	121036	500318/SS-34	0	0.5	479260.22	1347238.3	10100	-	mg/kg	NA
Aluminum	121067	500318/SS-44	0	0.5	476846.41	1348466.28	8330	J	mg/kg	NA
Aluminum	121070	500318/SS-47	0	0.5	478001.32	1349422.67	5610	-	mg/kg	NA
Aluminum	121073	500318/SS-46	0	0.5	477381.11	1349441.46	6420	-	mg/kg	NA
Aluminum	200071	11372	0	0.17	478106.92	1349859.68	15800	-	mg/kg	NA
Aluminum	200072	11372	2	2.5	478106.93	1349859.74	24500	J	mg/kg	NA
Anthracene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Anthracene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Anthracene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Anthracene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Anthracene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Anthracene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Anthracene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Antimony	121070	500318/SS-47	0	0.5	478001.32	1349422.67	3.5	UJ	mg/kg	NO

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Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Antimony	121018	500318/SS-45	0	0.5	476603.21	1348502.72	3.4	UJ	mg/kg	NO
Antimony	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.3	UJ	mg/kg	NO
Antimony	121036	500318/SS-34	0	0.5	479260.22	1347238.3	3.3	U	mg/kg	NO
Antimony	121067	500318/SS-44	0	0.5	476846.41	1348466.28	3.2	UJ	mg/kg	NO
Antimony	121070	500318/SS-47	0	0.5	478001.32	1349422.67	3.5	UJ	mg/kg	NO
Antimony	121073	500318/SS-46	0	0.5	477381.11	1349441.46	3.5	UJ	mg/kg	NO
Aroclor-1016	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NA
Aroclor-1016	121018	500318/SS-45	0	0.5	476603.21	1348502.72	40	U	ug/kg	NA
Aroclor-1016	121022	500318/SS-43	0	0.5	477045.59	1349219.59	39	UJ	ug/kg	NA
Aroclor-1016	121036	500318/SS-34	0	0.5	479260.22	1347238.3	78	U	ug/kg	NA
Aroclor-1016	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NA
Aroclor-1221	121070	500318/SS-47	0	0.5	478001.32	1349422.67	85	UJ	ug/kg	NA
Aroclor-1221	121018	500318/SS-45	0	0.5	476603.21	1348502.72	82	U	ug/kg	NA
Aroclor-1221	121022	500318/SS-43	0	0.5	477045.59	1349219.59	80	UJ	ug/kg	NA
Aroclor-1221	121036	500318/SS-34	0	0.5	479260.22	1347238.3	160	U	ug/kg	NA
Aroclor-1221	121070	500318/SS-47	0	0.5	478001.32	1349422.67	85	UJ	ug/kg	NA
Aroclor-1232	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NA
Aroclor-1232	121018	500318/SS-45	0	0.5	476603.21	1348502.72	40	U	ug/kg	NA
Aroclor-1232	121022	500318/SS-43	0	0.5	477045.59	1349219.59	39	UJ	ug/kg	NA
Aroclor-1232	121036	500318/SS-34	0	0.5	479260.22	1347238.3	78	U	ug/kg	NA
Aroclor-1232	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NA
Aroclor-1242	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NA
Aroclor-1242	121018	500318/SS-45	0	0.5	476603.21	1348502.72	40	U	ug/kg	NA
Aroclor-1242	121022	500318/SS-43	0	0.5	477045.59	1349219.59	39	UJ	ug/kg	NA
Aroclor-1242	121036	500318/SS-34	0	0.5	479260.22	1347238.3	78	U	ug/kg	NA
Aroclor-1242	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NA
Aroclor-1248	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NA
Aroclor-1248	121018	500318/SS-45	0	0.5	476603.21	1348502.72	40	U	ug/kg	NA
Aroclor-1248	121022	500318/SS-43	0	0.5	477045.59	1349219.59	39	UJ	ug/kg	NA
Aroclor-1248	121036	500318/SS-34	0	0.5	479260.22	1347238.3	78	U	ug/kg	NA
Aroclor-1248	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NA
Aroclor-1254	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NO
Aroclor-1254	121018	500318/SS-45	0	0.5	476603.21	1348502.72	40	U	ug/kg	NO
Aroclor-1254	121022	500318/SS-43	0	0.5	477045.59	1349219.59	39	UJ	ug/kg	NO
Aroclor-1254	121036	500318/SS-34	0	0.5	479260.22	1347238.3	78	U	ug/kg	NO
Aroclor-1254	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NO
Aroclor-1260	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NO

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Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Aroclor-1260	121018	500318/SS-45	0	0.5	476603.21	1348502.72	40	U	ug/kg	NO
Aroclor-1260	121022	500318/SS-43	0	0.5	477045.59	1349219.59	39	UJ	ug/kg	NO
Aroclor-1260	121036	500318/SS-34	0	0.5	479260.22	1347238.3	78	U	ug/kg	NO
Aroclor-1260	121070	500318/SS-47	0	0.5	478001.32	1349422.67	42	UJ	ug/kg	NO
Aroclor-1260	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	36	U	ug/kg	NO
Aroclor-1260	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	36	U	ug/kg	NO
Aroclor-1260	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	36	U	ug/kg	NO
Aroclor-1260	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	36	U	ug/kg	NO
Aroclor-1260	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	35	U	ug/kg	NO
Aroclor-1260	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	35	U	ug/kg	NO
Arsenic	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1.5	-	mg/kg	NO
Arsenic	121018	500318/SS-45	0	0.5	476603.21	1348502.72	8.7	J	mg/kg	NO
Arsenic	121022	500318/SS-43	0	0.5	477045.59	1349219.59	5.8	-	mg/kg	NO
Arsenic	121036	500318/SS-34	0	0.5	479260.22	1347238.3	3.7	-	mg/kg	NO
Arsenic	121067	500318/SS-44	0	0.5	476846.41	1348466.28	5.7	-	mg/kg	NO
Arsenic	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1.5	-	mg/kg	NO
Arsenic	121073	500318/SS-46	0	0.5	477381.11	1349441.46	2.8	-	mg/kg	NO
Arsenic	200071	11372	0	0.17	478106.92	1349859.68	5.6	-	mg/kg	NO
Arsenic	200072	11372	2	2.5	478106.93	1349859.74	4.8	J	mg/kg	NO
Arsenic	AFP-B-C-4-M	AFP-B-4	1	1.5	477044.99	1348490	6	-	mg/kg	NO
Arsenic	AFP-B-C-4-M	AFP-B-4	1	1.5	477044.99	1348490	6	-	mg/kg	NO
Arsenic	AFP-B-C-5-M	AFP-B-5	1	1.5	477021.52	1348521.61	4	-	mg/kg	NO
Arsenic	AFP-B-C-5-M	AFP-B-5	1	1.5	477021.52	1348521.61	4	-	mg/kg	NO
Arsenic	AFP-B-C-7-M	AFP-B-7	1	1.5	477039.99	1348574	3.2	-	mg/kg	NO
Arsenic	AFP-B-C-7-M	AFP-B-7	1	1.5	477039.99	1348574	3.2	-	mg/kg	NO
Barium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	51.1	-	mg/kg	NO
Barium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	81.5	-	mg/kg	NO
Barium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	62.3	-	mg/kg	NO
Barium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	109	-	mg/kg	NO
Barium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	55	-	mg/kg	NO
Barium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	51.1	-	mg/kg	NO
Barium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	49.9	-	mg/kg	NO
Barium	200071	11372	0	0.17	478106.92	1349859.68	78.4	-	mg/kg	NO
Barium	200072	11372	2	2.5	478106.93	1349859.74	156	J	mg/kg	NO
Benzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Benzene	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Benzene	104450	2166			476553.3	1349637	10	U	ug/kg	NO

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Table 6.2
A2PIII Validated Historical Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Benzene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Benzene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Benzene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Benzene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Benzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Benzene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
Benzo(a)anthracene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Benzo(a)anthracene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
Benzo(a)anthracene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
Benzo(a)anthracene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
Benzo(a)anthracene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
Benzo(a)anthracene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Benzo(a)anthracene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
Benzo(a)anthracene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	240	U	ug/kg	NO
Benzo(a)anthracene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	240	U	ug/kg	NO
Benzo(a)anthracene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	240	U	ug/kg	NO
Benzo(a)anthracene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	240	U	ug/kg	NO
Benzo(a)anthracene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	20	J	ug/kg	NO
Benzo(a)anthracene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	20	J	ug/kg	NO
Benzo(a)pyrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Benzo(a)pyrene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
Benzo(a)pyrene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
Benzo(a)pyrene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
Benzo(a)pyrene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
Benzo(a)pyrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Benzo(a)pyrene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
Benzo(a)pyrene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	360	U	ug/kg	NO
Benzo(a)pyrene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	360	U	ug/kg	NO
Benzo(a)pyrene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	360	U	ug/kg	NO
Benzo(a)pyrene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	360	U	ug/kg	NO
Benzo(a)pyrene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	18	J	ug/kg	NO
Benzo(a)pyrene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	18	J	ug/kg	NO
Benzo(b)fluoranthene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Benzo(b)fluoranthene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
Benzo(b)fluoranthene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
Benzo(b)fluoranthene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
Benzo(b)fluoranthene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO

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Table 2-2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Benzo(b)fluoranthene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Benzo(b)fluoranthene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
Benzo(b)fluoranthene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	270	U	ug/kg	NO
Benzo(b)fluoranthene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	270	U	ug/kg	NO
Benzo(b)fluoranthene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	270	U	ug/kg	NO
Benzo(b)fluoranthene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	270	U	ug/kg	NO
Benzo(b)fluoranthene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	26	J	ug/kg	NO
Benzo(b)fluoranthene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	26	J	ug/kg	NO
Benzo(g,h,i)perylene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Benzo(g,h,i)perylene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Benzo(g,h,i)perylene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Benzo(g,h,i)perylene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Benzo(g,h,i)perylene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Benzo(g,h,i)perylene	*121070*	*500318/SS-47*	*0*	*0.5*	478001.32	1349422.67	420	U	ug/kg	NA
Benzo(g,h,i)perylene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Benzo(k)fluoranthene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Benzo(k)fluoranthene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
Benzo(k)fluoranthene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
Benzo(k)fluoranthene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
Benzo(k)fluoranthene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
Benzo(k)fluoranthene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Benzo(k)fluoranthene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
Benzo(k)fluoranthene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	330	U	ug/kg	NO
Benzo(k)fluoranthene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	330	U	ug/kg	NO
Benzo(k)fluoranthene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	320	U	ug/kg	NO
Benzo(k)fluoranthene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	320	U	ug/kg	NO
Benzo(k)fluoranthene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	26	J	ug/kg	NO
Benzo(k)fluoranthene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	26	J	ug/kg	NO
Benzoic acid	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
Benzoic acid	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1000	UJ	ug/kg	NA
Benzoic acid	121022	500318/SS-43	0	0.5	477045.59	1349219.59	990	UJ	ug/kg	NA
Benzoic acid	121036	500318/SS-34	0	0.5	479260.22	1347238.3	980	U	ug/kg	NA
Benzoic acid	121067	500318/SS-44	0	0.5	476846.41	1348466.28	950	U	ug/kg	NA
Benzoic acid	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NA
Benzoic acid	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1000	UJ	ug/kg	NA
Benzyl alcohol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Benzyl alcohol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA

Table 2.2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Benzyl alcohol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	UJ	ug/kg	NA
Benzyl alcohol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Benzyl alcohol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Benzyl alcohol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Benzyl alcohol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	UJ	ug/kg	NA
Beryllium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1.3	U	mg/kg	NO
Beryllium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1.2	UJ	mg/kg	NO
Beryllium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	1.2	U	mg/kg	NO
Beryllium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	1.2	U	mg/kg	NO
Beryllium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	1.1	UJ	mg/kg	NO
Beryllium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1.3	U	mg/kg	NO
Beryllium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1.4	-	mg/kg	NO
Beryllium	200071	11372	0	0.17	478106.92	1349859.68	0.27	-	mg/kg	NO
Beryllium	200072	11372	2	2.5	478106.93	1349859.74	0.83	J	mg/kg	NO
beta-BHC	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
beta-BHC	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NA
beta-BHC	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NA
beta-BHC	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NA
beta-BHC	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
bis(2-Chloroethoxy)methane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
bis(2-Chloroethoxy)methane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
bis(2-Chloroethoxy)methane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
bis(2-Chloroethoxy)methane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
bis(2-Chloroethoxy)methane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
bis(2-Chloroethoxy)methane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
bis(2-Chloroethoxy)methane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
bis(2-Chloroethyl)ether	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
bis(2-Chloroethyl)ether	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
bis(2-Chloroethyl)ether	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	UJ	ug/kg	NA
bis(2-Chloroethyl)ether	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
bis(2-Chloroethyl)ether	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
bis(2-Chloroethyl)ether	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
bis(2-Chloroethyl)ether	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	UJ	ug/kg	NA
bis(2-Chloroisopropyl) ether	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	UJ	ug/kg	NO
bis(2-Chloroisopropyl) ether	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
bis(2-Chloroisopropyl) ether	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
bis(2-Chloroisopropyl) ether	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO

Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
bis(2-Chloroisopropyl) ether	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
bis(2-Chloroisopropyl) ether	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	UJ	ug/kg	NO
bis(2-Chloroisopropyl) ether	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
bis(2-Ethylhexyl)phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
bis(2-Ethylhexyl)phthalate	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
bis(2-Ethylhexyl)phthalate	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
bis(2-Ethylhexyl)phthalate	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
bis(2-Ethylhexyl)phthalate	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
bis(2-Ethylhexyl)phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
bis(2-Ethylhexyl)phthalate	121073	500318/SS-46	0	0.5	477381.11	1349441.46	51	J	ug/kg	NO
Bromodichloromethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Bromodichloromethane	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Bromodichloromethane	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Bromodichloromethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Bromodichloromethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Bromodichloromethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Bromodichloromethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Bromodichloromethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Bromodichloromethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
Bromoform	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Bromoform	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Bromoform	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Bromoform	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Bromoform	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Bromoform	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Bromoform	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Bromoform	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Bromoform	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
Bromomethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Bromomethane	103199	3398			476615.3	1349865	13	UJ	ug/kg	NO
Bromomethane	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Bromomethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Bromomethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Bromomethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Bromomethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Bromomethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Bromomethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NO

Table 8-2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Butyl benzyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Butyl benzyl phthalate	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Butyl benzyl phthalate	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Butyl benzyl phthalate	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Butyl benzyl phthalate	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Butyl benzyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Butyl benzyl phthalate	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Cadmium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1.3	U	mg/kg	NO
Cadmium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1.2	U	mg/kg	NO
Cadmium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	1.2	U	mg/kg	NO
Cadmium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	1.2	U	mg/kg	NO
Cadmium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	1.1	U	mg/kg	NO
Cadmium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1.3	U	mg/kg	NO
Cadmium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1.2	U	mg/kg	NO
Cadmium	200071	11372	0	0.17	478106.92	1349859.68	0.12	U	mg/kg	NO
Cadmium	200072	11372	2	2.5	478106.93	1349859.74	0.03	UJ	mg/kg	NO
Calcium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1200	U	mg/kg	NA
Calcium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	37500	-	mg/kg	NA
Calcium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	1950	U	mg/kg	NA
Calcium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	2390	U	mg/kg	NA
Calcium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	1700	-	mg/kg	NA
Calcium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1200	U	mg/kg	NA
Calcium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	2260	U	mg/kg	NA
Calcium	200071	11372	0	0.17	478106.92	1349859.68	26400	J	mg/kg	NA
Calcium	200072	11372	2	2.5	478106.93	1349859.74	3250	J	mg/kg	NA
Carbon disulfide	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Carbon disulfide	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Carbon disulfide	104450	2166			476553.3	1349637	2	J	ug/kg	NO
Carbon disulfide	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Carbon disulfide	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Carbon disulfide	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Carbon disulfide	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Carbon disulfide	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Carbon disulfide	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NO
Carbon Tetrachloride	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Carbon Tetrachloride	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Carbon Tetrachloride	104450	2166			476553.3	1349637	16	U	ug/kg	NO

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Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Carbon Tetrachloride	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Carbon Tetrachloride	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Carbon Tetrachloride	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Carbon Tetrachloride	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Carbon Tetrachloride	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Carbon Tetrachloride	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
Cesium-137	32935	2397	0	1.5	478300.02	1349526.06	0.2	UJ	pci/g	NO
Cesium-137	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.2	U	pci/g	NO
Cesium-137	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	0.8	J	pci/g	NO
Cesium-137	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	1.1	J	pci/g	NO
Cesium-137	005517	ZONE 3-117	0	0.5	479779.37	1347781	0.5	-	pCi/g	NO
Cesium-137	007280	2049	0	1.5	477049.86	1348603.07	0.2	UJ	pci/g	NO
Cesium-137	007293	2049	40	41.5	477049.86	1348603.07	0.2	UJ	pci/g	NO
Cesium-137	008705	3015	7.5	9	476166.1	1348732.42	0.2	UJ	pci/g	NO
Cesium-137	008722	3015	55	55.8	476166.1	1348732.42	0.2	UJ	pci/g	NO
Cesium-137	008725	3015	70	71.5	476166.1	1348732.42	0.2	UJ	pci/g	NO
Cesium-137	008748	3069	10.5	12	476451.52	1349244.65	0.2	UJ	pci/g	NO
Cesium-137	008754	3069	19.5	21	476451.52	1349244.65	0.2	UJ	pci/g	NO
Cesium-137	008763	3069	60	61.5	476451.52	1349244.65	0.2	UJ	pci/g	NO
Cesium-137	010393	4014	65	66.5	476816.12	1348113.59	0.2	UJ	pci/g	NO
Cesium-137	010408	4014	140	141.5	476816.12	1348113.59	0.2	UJ	pci/g	NO
Cesium-137	010566	3106	9	11.5	476123.74	1348120.7	0.2	UJ	pci/g	NO
Cesium-137	032562	2387	20	21.5	477148.47	1348972.17	0.2	UJ	pci/g	NO
Cesium-137	032582	2386	15	16.5	477663.27	1349315	0.2	UJ	pci/g	NO
Cesium-137	032594	2386	60	61.5	477663.27	1349315	0.2	UJ	pci/g	NO
Cesium-137	032618	2390	12	13.5	476577.39	1348407.6	0.2	UJ	pci/g	NO
Cesium-137	032816	3387	115	116.5	477146.66	1348982.68	0.2	UJ	pci/g	NO
Cesium-137	032890	3390	125	126.5	476570.05	1348412.59	0.2	UJ	pci/g	NO
Cesium-137	032935	2397	0	1.5	478300.02	1349526.06	0.2	UJ	pci/g	NO
Cesium-137	121041	500318/SS-34	0	0.5	479260.22	1347238.3	1.1	J	pCi/g	NO
Cesium-137	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.2	U	pci/g	NO
Cesium-137	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.2	UJ	pci/g	NO
Cesium-137	200071	11372	0	0.17	478106.92	1349859.68	0.538	-	pci/g	NO
Cesium-137	200072	11372	2	2.5	478106.93	1349859.74	0.008	U	pci/g	NO
Cesium-137	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	0.2	U	pci/g	NO
Chlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Chlorobenzene	103199	3398			476615.3	1349865	7	U	ug/kg	NO

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Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Chlorobenzene	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Chlorobenzene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Chlorobenzene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Chlorobenzene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	UJ	ug/kg	NO
Chlorobenzene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Chlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Chlorobenzene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	2	J	ug/kg	NO
Chloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NA
Chloroethane	103199	3398			476615.3	1349865	13	U	ug/kg	NA
Chloroethane	104450	2166			476553.3	1349637	16	U	ug/kg	NA
Chloroethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
Chloroethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
Chloroethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NA
Chloroethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
Chloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NA
Chloroethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NA
Chloroform	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Chloroform	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Chloroform	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Chloroform	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Chloroform	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Chloroform	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Chloroform	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Chloroform	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Chloroform	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NO
Chloromethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NA
Chloromethane	103199	3398			476615.3	1349865	13	U	ug/kg	NA
Chloromethane	104450	2166			476553.3	1349637	16	U	ug/kg	NA
Chloromethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
Chloromethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
Chloromethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NA
Chloromethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
Chloromethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NA
Chloromethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NA
Chromium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	7	-	mg/kg	NO
Chromium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	15.9	-	mg/kg	NO
Chromium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	11.6	-	mg/kg	NO

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Table 2.2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Chromium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	11.3	-	mg/kg	NO
Chromium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11.1	-	mg/kg	NO
Chromium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	7	-	mg/kg	NO
Chromium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	8.6	-	mg/kg	NO
Chromium	200071	11372	0	0.17	478106.92	1349859.68	15.2	J	mg/kg	NO
Chromium	200072	11372	2	2.5	478106.93	1349859.74	25.6	J	mg/kg	NO
Chrysene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Chrysene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
Chrysene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
Chrysene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
Chrysene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
Chrysene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Chrysene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
cis-1,3-Dichloropropene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
cis-1,3-Dichloropropene	103199	3398			476615.3	1349865	7	U	ug/kg	NA
cis-1,3-Dichloropropene	104450	2166			476553.3	1349637	16	U	ug/kg	NA
cis-1,3-Dichloropropene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
cis-1,3-Dichloropropene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
cis-1,3-Dichloropropene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NA
cis-1,3-Dichloropropene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
cis-1,3-Dichloropropene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
cis-1,3-Dichloropropene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NA
Cobalt	121070	500318/SS-47	0	0.5	478001.32	1349422.67	11.8	-	mg/kg	NO
Cobalt	121018	500318/SS-45	0	0.5	476603.21	1348502.72	9.3	-	mg/kg	NO
Cobalt	121022	500318/SS-43	0	0.5	477045.59	1349219.59	10.8	-	mg/kg	NO
Cobalt	121036	500318/SS-34	0	0.5	479260.22	1347238.3	8	-	mg/kg	NO
Cobalt	121067	500318/SS-44	0	0.5	476846.41	1348466.28	9.9	-	mg/kg	NO
Cobalt	121070	500318/SS-47	0	0.5	478001.32	1349422.67	11.8	-	mg/kg	NO
Cobalt	121073	500318/SS-46	0	0.5	477381.11	1349441.46	10.5	-	mg/kg	NO
Cobalt	200071	11372	0	0.17	478106.92	1349859.68	6.3	J	mg/kg	NO
Cobalt	200072	11372	2	2.5	478106.93	1349859.74	8.5	J	mg/kg	NO
Copper	121070	500318/SS-47	0	0.5	478001.32	1349422.67	6.2	-	mg/kg	NO
Copper	121018	500318/SS-45	0	0.5	476603.21	1348502.72	18	-	mg/kg	NO
Copper	121022	500318/SS-43	0	0.5	477045.59	1349219.59	14.9	-	mg/kg	NO
Copper	121036	500318/SS-34	0	0.5	479260.22	1347238.3	11.7	-	mg/kg	NO
Copper	121067	500318/SS-44	0	0.5	476846.41	1348466.28	10.2	-	mg/kg	NO
Copper	121070	500318/SS-47	0	0.5	478001.32	1349422.67	6.2	-	mg/kg	NO

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Table 2-2
A2PIII Validated Historical Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Copper	121073	500318/SS-46	0	0.5	477381.11	1349441.46	9.3	-	mg/kg	NO
Copper	200071	11372	0	0.17	478106.92	1349859.68	15.5	-	mg/kg	NO
Copper	200072	11372	2	2.5	478106.93	1349859.74	18.9	J	mg/kg	NO
Cyanide	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.35	-	mg/kg	NO
Cyanide	121018	500318/SS-45	0	0.5	476603.21	1348502.72	0.3	UJ	mg/kg	NO
Cyanide	121022	500318/SS-43	0	0.5	477045.59	1349219.59	0.42	-	mg/kg	NO
Cyanide	121036	500318/SS-34	0	0.5	479260.22	1347238.3	0.44	J	mg/kg	NO
Cyanide	121067	500318/SS-44	0	0.5	476846.41	1348466.28	0.29	UJ	mg/kg	NO
Cyanide	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.35	-	mg/kg	NO
Cyanide	121073	500318/SS-46	0	0.5	477381.11	1349441.46	0.43	-	mg/kg	NO
delta-BHC	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
delta-BHC	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NA
delta-BHC	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NA
delta-BHC	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NA
delta-BHC	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
Dibenzo(a,h)anthracene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Dibenzo(a,h)anthracene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
Dibenzo(a,h)anthracene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
Dibenzo(a,h)anthracene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
Dibenzo(a,h)anthracene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
Dibenzo(a,h)anthracene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Dibenzo(a,h)anthracene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
Dibenzo(a,h)anthracene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	87	U	ug/kg	NO
Dibenzo(a,h)anthracene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	87	U	ug/kg	NO
Dibenzo(a,h)anthracene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	86	U	ug/kg	NO
Dibenzo(a,h)anthracene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	86	U	ug/kg	NO
Dibenzo(a,h)anthracene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	84	U	ug/kg	NO
Dibenzo(a,h)anthracene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	84	U	ug/kg	NO
Dibenzofuran	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Dibenzofuran	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Dibenzofuran	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Dibenzofuran	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Dibenzofuran	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Dibenzofuran	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Dibenzofuran	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Dibromochloromethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
Dibromochloromethane	103199	3398			476615.3	1349865	7	U	ug/kg	NA

Table 2-2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Dibromochloromethane	104450	2166			476553.3	1349637	16	U	ug/kg	NA
Dibromochloromethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
Dibromochloromethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
Dibromochloromethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NA
Dibromochloromethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
Dibromochloromethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
Dibromochloromethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NA
Dieldrin	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NO
Dieldrin	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4	U	ug/kg	NO
Dieldrin	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.9	UJ	ug/kg	NO
Dieldrin	121036	500318/SS-34	0	0.5	479260.22	1347238.3	7.8	U	ug/kg	NO
Dieldrin	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NO
Dieldrin	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	3.6	U	ug/kg	NO
Dieldrin	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	3.6	U	ug/kg	NO
Dieldrin	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	3.6	U	ug/kg	NO
Dieldrin	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	3.6	U	ug/kg	NO
Dieldrin	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	3.5	U	ug/kg	NO
Dieldrin	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	3.5	U	ug/kg	NO
Diethyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Diethyl phthalate	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Diethyl phthalate	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Diethyl phthalate	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Diethyl phthalate	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Diethyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Diethyl phthalate	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Dimethyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Dimethyl phthalate	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Dimethyl phthalate	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Dimethyl phthalate	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Dimethyl phthalate	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Dimethyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Dimethyl phthalate	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Di-n-butyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Di-n-butyl phthalate	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Di-n-butyl phthalate	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Di-n-butyl phthalate	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Di-n-butyl phthalate	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA

Table 8-2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Di-n-butyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Di-n-butyl phthalate	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Di-n-octyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Di-n-octyl phthalate	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
Di-n-octyl phthalate	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
Di-n-octyl phthalate	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
Di-n-octyl phthalate	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
Di-n-octyl phthalate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Di-n-octyl phthalate	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
Endosulfan II	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Endosulfan II	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4	U	ug/kg	NA
Endosulfan II	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.9	UJ	ug/kg	NA
Endosulfan II	121036	500318/SS-34	0	0.5	479260.22	1347238.3	7.8	U	ug/kg	NA
Endosulfan II	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Endosulfan sulfate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Endosulfan sulfate	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4	U	ug/kg	NA
Endosulfan sulfate	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.9	UJ	ug/kg	NA
Endosulfan sulfate	121036	500318/SS-34	0	0.5	479260.22	1347238.3	7.8	U	ug/kg	NA
Endosulfan sulfate	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Endosulfan-I	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
Endosulfan-I	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NA
Endosulfan-I	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NA
Endosulfan-I	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NA
Endosulfan-I	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
Endrin	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Endrin	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4	U	ug/kg	NA
Endrin	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.9	UJ	ug/kg	NA
Endrin	121036	500318/SS-34	0	0.5	479260.22	1347238.3	7.8	U	ug/kg	NA
Endrin	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Endrin aldehyde	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Endrin aldehyde	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4	U	ug/kg	NA
Endrin aldehyde	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.9	UJ	ug/kg	NA
Endrin aldehyde	121036	500318/SS-34	0	0.5	479260.22	1347238.3	7.8	U	ug/kg	NA
Endrin aldehyde	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Endrin ketone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Endrin ketone	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4	U	ug/kg	NA
Endrin ketone	121022	500318/SS-43	0	0.5	477045.59	1349219.59	3.9	UJ	ug/kg	NA

Table 6-2
A2PIII Validated Historical Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Endrin ketone	121036	500318/SS-34	0	0.5	479260.22	1347238.3	7.8	U	ug/kg	NA
Endrin ketone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.2	UJ	ug/kg	NA
Ethylbenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Ethylbenzene	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Ethylbenzene	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Ethylbenzene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Ethylbenzene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Ethylbenzene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	UJ	ug/kg	NO
Ethylbenzene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Ethylbenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Ethylbenzene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
Fluoranthene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Fluoranthene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Fluoranthene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Fluoranthene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Fluoranthene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Fluoranthene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Fluoranthene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Fluorene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Fluorene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Fluorene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Fluorene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Fluorene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Fluorene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Fluorene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
gamma-BHC (Lindane)	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
gamma-BHC (Lindane)	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NA
gamma-BHC (Lindane)	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NA
gamma-BHC (Lindane)	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NA
gamma-BHC (Lindane)	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
gamma-Chlordane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NO
gamma-Chlordane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NO
gamma-Chlordane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NO
gamma-Chlordane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NO
gamma-Chlordane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NO
Heptachlor	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
Heptachlor	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NA

Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Heptachlor	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NA
Heptachlor	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NA
Heptachlor	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
Heptachlor epoxide	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
Heptachlor epoxide	121018	500318/SS-45	0	0.5	476603.21	1348502.72	2.1	U	ug/kg	NA
Heptachlor epoxide	121022	500318/SS-43	0	0.5	477045.59	1349219.59	2	UJ	ug/kg	NA
Heptachlor epoxide	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	ug/kg	NA
Heptachlor epoxide	121070	500318/SS-47	0	0.5	478001.32	1349422.67	2.2	UJ	ug/kg	NA
Hexachlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Hexachlorobenzene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Hexachlorobenzene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Hexachlorobenzene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Hexachlorobenzene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Hexachlorobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Hexachlorobenzene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Hexachlorobutadiene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Hexachlorobutadiene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Hexachlorobutadiene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Hexachlorobutadiene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Hexachlorobutadiene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Hexachlorobutadiene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Hexachlorobutadiene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Hexachlorocyclopentadiene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	UJ	ug/kg	NA
Hexachlorocyclopentadiene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Hexachlorocyclopentadiene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Hexachlorocyclopentadiene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Hexachlorocyclopentadiene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Hexachlorocyclopentadiene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	UJ	ug/kg	NA
Hexachlorocyclopentadiene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Hexachloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Hexachloroethane	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Hexachloroethane	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Hexachloroethane	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Hexachloroethane	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Hexachloroethane	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Hexachloroethane	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Indeno(1,2,3-cd)pyrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO

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Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Indeno(1,2,3-cd)pyrene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	270	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	270	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	270	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	270	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	260	U	ug/kg	NO
Indeno(1,2,3-cd)pyrene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	260	U	ug/kg	NO
Iron	121070	500318/SS-47	0	0.5	478001.32	1349422.67	8340	-	mg/kg	NA
Iron	121018	500318/SS-45	0	0.5	476603.21	1348502.72	22300	J	mg/kg	NA
Iron	121022	500318/SS-43	0	0.5	477045.59	1349219.59	18600	-	mg/kg	NA
Iron	121036	500318/SS-34	0	0.5	479260.22	1347238.3	16000	-	mg/kg	NA
Iron	121067	500318/SS-44	0	0.5	476846.41	1348466.28	15900	J	mg/kg	NA
Iron	121070	500318/SS-47	0	0.5	478001.32	1349422.67	8340	-	mg/kg	NA
Iron	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12400	-	mg/kg	NA
Iron	200071	11372	0	0.17	478106.92	1349859.68	18000	-	mg/kg	NA
Iron	200072	11372	2	2.5	478106.93	1349859.74	25100	-	mg/kg	NA
Isophorone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Isophorone	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Isophorone	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Isophorone	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Isophorone	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Isophorone	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Isophorone	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Lead	121070	500318/SS-47	0	0.5	478001.32	1349422.67	14.8	J	mg/kg	NO
Lead	121022	500318/SS-43	0	0.5	477045.59	1349219.59	15.4	J	mg/kg	NO
Lead	121070	500318/SS-47	0	0.5	478001.32	1349422.67	14.8	J	mg/kg	NO
Lead	121073	500318/SS-46	0	0.5	477381.11	1349441.46	23.1	J	mg/kg	NO
Lead	200071	11372	0	0.17	478106.92	1349859.68	17.1	J	mg/kg	NO
Lead	200072	11372	2	2.5	478106.93	1349859.74	15.6	-	mg/kg	NO
Lead	AFP-B-C-4-M	AFP-B-4	1	1.5	477044.99	1348490	20.4	J	mg/kg	NO
Lead	AFP-B-C-4-M	AFP-B-4	1	1.5	477044.99	1348490	20.4	J	mg/kg	NO
Lead	AFP-B-C-5-M	AFP-B-5	1	1.5	477021.52	1348521.61	14.6	J	mg/kg	NO

Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Lead	AFP-B-C-5-M	AFP-B-5	1	1.5	477021.52	1348521.61	14.6	J	mg/kg	NO
Lead	AFP-B-C-7-M	AFP-B-7	1	1.5	477039.99	1348574	11.3	-	mg/kg	NO
Lead	AFP-B-C-7-M	AFP-B-7	1	1.5	477039.99	1348574	11.3	-	mg/kg	NO
Magnesium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1250	-	mg/kg	NA
Magnesium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	17700	-	mg/kg	NA
Magnesium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	1910	-	mg/kg	NA
Magnesium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	2050	-	mg/kg	NA
Magnesium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	1890	-	mg/kg	NA
Magnesium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1250	-	mg/kg	NA
Magnesium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1470	-	mg/kg	NA
Magnesium	200071	11372	0	0.17	478106.92	1349859.68	8390	J	mg/kg	NA
Magnesium	200072	11372	2	2.5	478106.93	1349859.74	4220	J	mg/kg	NA
Manganese	121070	500318/SS-47	0	0.5	478001.32	1349422.67	492	-	mg/kg	NO
Manganese	121022	500318/SS-43	0	0.5	477045.59	1349219.59	619	-	mg/kg	NO
Manganese	121036	500318/SS-34	0	0.5	479260.22	1347238.3	1170	-	mg/kg	NO
Manganese	121070	500318/SS-47	0	0.5	478001.32	1349422.67	492	-	mg/kg	NO
Manganese	121073	500318/SS-46	0	0.5	477381.11	1349441.46	504	-	mg/kg	NO
Manganese	200071	11372	0	0.17	478106.92	1349859.68	358	J	mg/kg	NO
Manganese	200072	11372	2	2.5	478106.93	1349859.74	347	-	mg/kg	NO
Mercury	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.06	U	mg/kg	NO
Mercury	121018	500318/SS-45	0	0.5	476603.21	1348502.72	0.06	U	mg/kg	NO
Mercury	121022	500318/SS-43	0	0.5	477045.59	1349219.59	0.06	U	mg/kg	NO
Mercury	121036	500318/SS-34	0	0.5	479260.22	1347238.3	0.06	UJ	mg/kg	NO
Mercury	121067	500318/SS-44	0	0.5	476846.41	1348466.28	0.06	U	mg/kg	NO
Mercury	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.06	U	mg/kg	NO
Mercury	121073	500318/SS-46	0	0.5	477381.11	1349441.46	0.06	U	mg/kg	NO
Mercury	200071	11372	0	0.17	478106.92	1349859.68	0.06	U	mg/kg	NO
Mercury	200072	11372	2	2.5	478106.93	1349859.74	0.06	U	mg/kg	NO
Methoxychlor	121070	500318/SS-47	0	0.5	478001.32	1349422.67	22	UJ	ug/kg	NA
Methoxychlor	121018	500318/SS-45	0	0.5	476603.21	1348502.72	21	U	ug/kg	NA
Methoxychlor	121022	500318/SS-43	0	0.5	477045.59	1349219.59	20	UJ	ug/kg	NA
Methoxychlor	121036	500318/SS-34	0	0.5	479260.22	1347238.3	40	U	ug/kg	NA
Methoxychlor	121070	500318/SS-47	0	0.5	478001.32	1349422.67	22	UJ	ug/kg	NA
Methylene chloride	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Methylene chloride	103199	3398			476615.3	1349865	180	-	ug/kg	NO
Methylene chloride	104450	2166			476553.3	1349637	17	U	ug/kg	NO
Methylene chloride	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO

Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Methylene chloride	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Methylene chloride	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Methylene chloride	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Methylene chloride	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Methylene chloride	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NO
Molybdenum	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.3	U	mg/kg	NO
Molybdenum	121018	500318/SS-45	0	0.5	476603.21	1348502.72	4.1	U	mg/kg	NO
Molybdenum	121022	500318/SS-43	0	0.5	477045.59	1349219.59	4	U	mg/kg	NO
Molybdenum	121036	500318/SS-34	0	0.5	479260.22	1347238.3	4	U	mg/kg	NO
Molybdenum	121067	500318/SS-44	0	0.5	476846.41	1348466.28	3.9	U	mg/kg	NO
Molybdenum	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.3	U	mg/kg	NO
Molybdenum	121073	500318/SS-46	0	0.5	477381.11	1349441.46	4.2	U	mg/kg	NO
Molybdenum	200071	11372	0	0.17	478106.92	1349859.68	0.6	J	mg/kg	NO
Molybdenum	200072	11372	2	2.5	478106.93	1349859.74	0.3	UJ	mg/kg	NO
Naphthalene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Naphthalene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Naphthalene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Naphthalene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Naphthalene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Naphthalene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Naphthalene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Neptunium-237	32935	2397	0	1.5	478300.02	1349526.06	0.6	U	pci/g	NO
Neptunium-237	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	0.6	UJ	pci/g	NO
Neptunium-237	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	0.6	UJ	pci/g	NO
Neptunium-237	005517	ZONE 3-117	0	0.5	479779.37	1347781	0.6	U	pCi/g	NO
Neptunium-237	007280	2049	0	1.5	477049.86	1348603.07	0.6	U	pci/g	NO
Neptunium-237	007293	2049	40	41.5	477049.86	1348603.07	0.6	U	pci/g	NO
Neptunium-237	008705	3015	7.5	9	476166.1	1348732.42	0.6	UJ	pci/g	NO
Neptunium-237	008722	3015	55	55.8	476166.1	1348732.42	0.6	UJ	pci/g	NO
Neptunium-237	008725	3015	70	71.5	476166.1	1348732.42	0.6	UJ	pci/g	NO
Neptunium-237	008748	3069	10.5	12	476451.52	1349244.65	0.6	U	pci/g	NO
Neptunium-237	008754	3069	19.5	21	476451.52	1349244.65	0.6	U	pci/g	NO
Neptunium-237	008763	3069	60	61.5	476451.52	1349244.65	0.6	U	pci/g	NO
Neptunium-237	010393	4014	65	66.5	476816.12	1348113.59	0.6	U	pci/g	NO
Neptunium-237	010408	4014	140	141.5	476816.12	1348113.59	0.6	U	pci/g	NO
Neptunium-237	010566	3106	9	11.5	476123.74	1348120.7	0.6	UJ	pci/g	NO
Neptunium-237	010572	3106	40	41.5	476123.74	1348120.7	0.6	UJ	pci/g	NO

Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Neptunium-237	032557	2387	12	13.5	477148.47	1348972.17	0.6	U	pci/g	NO
Neptunium-237	032562	2387	20	21.5	477148.47	1348972.17	0.6	U	pci/g	NO
Neptunium-237	032594	2386	60	61.5	477663.27	1349315	0.6	UJ	pci/g	NO
Neptunium-237	032618	2390	12	13.5	476577.39	1348407.6	0.6	U	pci/g	NO
Neptunium-237	032802	2390	50	51.5	476577.39	1348407.6	0.6	U	pci/g	NO
Neptunium-237	032816	3387	115	116.5	477146.66	1348982.68	0.6	U	pci/g	NO
Neptunium-237	032890	3390	125	126.5	476570.05	1348412.59	0.6	U	pci/g	NO
Neptunium-237	032935	2397	0	1.5	478300.02	1349526.06	0.6	U	pci/g	NO
Neptunium-237	200071	11372	0	0.17	478106.92	1349859.68	0.434	J	pci/g	NO
Neptunium-237	200072	11372	2	2.5	478106.93	1349859.74	0.036	U	pci/g	NO
Neptunium-237	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	0	UJ	pci/g	NO
Neptunium-237	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	0.059	UJ	pci/g	NO
Neptunium-237	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	0	UJ	pci/g	NO
Neptunium-237	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	0.033	UJ	pci/g	NO
Neptunium-237	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	0	UJ	pci/g	NO
Neptunium-237	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	0.0415	UJ	pci/g	NO
Neptunium-237	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	0.2	U	pci/g	NO
Neptunium-237	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	0.2	U	pci/g	NO
Nickel	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.6	U	mg/kg	NO
Nickel	121018	500318/SS-45	0	0.5	476603.21	1348502.72	21	-	mg/kg	NO
Nickel	121022	500318/SS-43	0	0.5	477045.59	1349219.59	13.9	-	mg/kg	NO
Nickel	121036	500318/SS-34	0	0.5	479260.22	1347238.3	10.7	-	mg/kg	NO
Nickel	121067	500318/SS-44	0	0.5	476846.41	1348466.28	13.6	-	mg/kg	NO
Nickel	121070	500318/SS-47	0	0.5	478001.32	1349422.67	4.6	U	mg/kg	NO
Nickel	121073	500318/SS-46	0	0.5	477381.11	1349441.46	9.2	-	mg/kg	NO
Nickel	200071	11372	0	0.17	478106.92	1349859.68	12.3	J	mg/kg	NO
Nickel	200072	11372	2	2.5	478106.93	1349859.74	20.8	J	mg/kg	NO
Nitrobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Nitrobenzene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Nitrobenzene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Nitrobenzene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Nitrobenzene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Nitrobenzene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Nitrobenzene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
N-Nitrosodiphenylamine	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
N-Nitrosodiphenylamine	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
N-Nitrosodiphenylamine	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO

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Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
N-Nitrosodiphenylamine	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NO
N-Nitrosodiphenylamine	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
N-Nitrosodiphenylamine	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
N-Nitrosodiphenylamine	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
o-Methylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
o-Methylphenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
o-Methylphenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
o-Methylphenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
o-Methylphenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
o-Methylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
o-Methylphenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
p-Chloroaniline	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
p-Chloroaniline	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
p-Chloroaniline	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
p-Chloroaniline	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
p-Chloroaniline	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
p-Chloroaniline	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
p-Chloroaniline	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Pentachlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NO
Pentachlorophenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	1000	U	ug/kg	NO
Pentachlorophenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	990	U	ug/kg	NO
Pentachlorophenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	980	U	ug/kg	NO
Pentachlorophenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	950	U	ug/kg	NO
Pentachlorophenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1100	U	ug/kg	NO
Pentachlorophenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	1000	U	ug/kg	NO
Phenanthrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Phenanthrene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Phenanthrene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Phenanthrene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Phenanthrene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Phenanthrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Phenanthrene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Phenanthrene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	92	U	ug/kg	NA
Phenanthrene	AFP-B-C-4-SP	AFP-B-4	1	1.5	477044.99	1348490	92	U	ug/kg	NA
Phenanthrene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	91	U	ug/kg	NA
Phenanthrene	AFP-B-C-5-SP	AFP-B-5	1	1.5	477021.52	1348521.61	91	U	ug/kg	NA
Phenanthrene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	89	U	ug/kg	NA

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Table
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Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Phenanthrene	AFP-B-C-7-SP	AFP-B-7	1	1.5	477039.99	1348574	89	U	ug/kg	NA
Phenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Phenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Phenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Phenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Phenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Phenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Phenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Plutonium-238	32935	2397	0	1.5	478300.02	1349526.06	0.6	U	pci/g	NO
Plutonium-238	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.2	UJ	pci/g	NO
Plutonium-238	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	0.6	UJ	pci/g	NO
Plutonium-238	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	0.6	UJ	pci/g	NO
Plutonium-238	005517	ZONE 3-117	0	0.5	479779.37	1347781	0.6	U	pCi/g	NO
Plutonium-238	007280	2049	0	1.5	477049.86	1348603.07	0.6	U	pci/g	NO
Plutonium-238	007293	2049	40	41.5	477049.86	1348603.07	0.6	U	pci/g	NO
Plutonium-238	008705	3015	7.5	9	476166.1	1348732.42	0.6	U	pci/g	NO
Plutonium-238	008722	3015	55	55.8	476166.1	1348732.42	0.6	U	pci/g	NO
Plutonium-238	008725	3015	70	71.5	476166.1	1348732.42	0.6	U	pci/g	NO
Plutonium-238	008748	3069	10.5	12	476451.52	1349244.65	0.6	UJ	pci/g	NO
Plutonium-238	008754	3069	19.5	21	476451.52	1349244.65	0.6	U	pci/g	NO
Plutonium-238	008763	3069	60	61.5	476451.52	1349244.65	0.6	UJ	pci/g	NO
Plutonium-238	010393	4014	65	66.5	476816.12	1348113.59	0.6	U	pci/g	NO
Plutonium-238	010408	4014	140	141.5	476816.12	1348113.59	0.6	U	pci/g	NO
Plutonium-238	010566	3106	9	11.5	476123.74	1348120.7	0.6	U	pci/g	NO
Plutonium-238	010572	3106	40	41.5	476123.74	1348120.7	0.6	U	pci/g	NO
Plutonium-238	032557	2387	12	13.5	477148.47	1348972.17	0.6	UJ	pci/g	NO
Plutonium-238	032562	2387	20	21.5	477148.47	1348972.17	0.6	UJ	pci/g	NO
Plutonium-238	032594	2386	60	61.5	477663.27	1349315	0.6	U	pci/g	NO
Plutonium-238	032618	2390	12	13.5	476577.39	1348407.6	0.6	UJ	pci/g	NO
Plutonium-238	032802	2390	50	51.5	476577.39	1348407.6	0.6	UJ	pci/g	NO
Plutonium-238	032816	3387	115	116.5	477146.66	1348982.68	0.6	UJ	pci/g	NO
Plutonium-238	032890	3390	125	126.5	476570.05	1348412.59	0.6	U	pci/g	NO
Plutonium-238	032935	2397	0	1.5	478300.02	1349526.06	0.6	U	pci/g	NO
Plutonium-238	121026	500318/SS-43	0	0.5	477045.59	1349219.59	0.2	UJ	pci/g	NO
Plutonium-238	121041	500318/SS-34	0	0.5	479260.22	1347238.3	0.2	UJ	pCi/g	NO
Plutonium-238	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.2	UJ	pci/g	NO
Plutonium-238	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.2	UJ	pci/g	NO

Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Plutonium-238	200071	11372	0	0.17	478106.92	1349859.68	0.2	UJ	pci/g	NO
Plutonium-238	200072	11372	2	2.5	478106.93	1349859.74	0.044	UJ	pci/g	NO
Plutonium-238	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	0.207	U	pci/g	NO
Plutonium-238	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	0.2	U	pci/g	NO
Plutonium-238	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	0.2	U	pci/g	NO
Plutonium-239/240	32935	2397	0	1.5	478300.02	1349526.06	0.6	U	pci/g	NO
Plutonium-239/240	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.5	J	pci/g	NO
Plutonium-239/240	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	0.6	U	pci/g	NO
Plutonium-239/240	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	0.6	U	pci/g	NO
Plutonium-239/240	005517	ZONE 3-117	0	0.5	479779.37	1347781	0.6	U	pCi/g	NO
Plutonium-239/240	007280	2049	0	1.5	477049.86	1348603.07	0.6	U	pci/g	NO
Plutonium-239/240	007293	2049	40	41.5	477049.86	1348603.07	0.6	U	pci/g	NO
Plutonium-239/240	008705	3015	7.5	9	476166.1	1348732.42	0.6	U	pci/g	NO
Plutonium-239/240	008722	3015	55	55.8	476166.1	1348732.42	0.6	U	pci/g	NO
Plutonium-239/240	008725	3015	70	71.5	476166.1	1348732.42	0.6	U	pci/g	NO
Plutonium-239/240	008748	3069	10.5	12	476451.52	1349244.65	0.6	UJ	pci/g	NO
Plutonium-239/240	008754	3069	19.5	21	476451.52	1349244.65	0.6	U	pci/g	NO
Plutonium-239/240	008763	3069	60	61.5	476451.52	1349244.65	0.6	UJ	pci/g	NO
Plutonium-239/240	010393	4014	65	66.5	476816.12	1348113.59	0.6	U	pci/g	NO
Plutonium-239/240	010408	4014	140	141.5	476816.12	1348113.59	0.6	U	pci/g	NO
Plutonium-239/240	010566	3106	9	11.5	476123.74	1348120.7	0.6	U	pci/g	NO
Plutonium-239/240	010572	3106	40	41.5	476123.74	1348120.7	0.6	U	pci/g	NO
Plutonium-239/240	032557	2387	12	13.5	477148.47	1348972.17	0.6	UJ	pci/g	NO
Plutonium-239/240	032562	2387	20	21.5	477148.47	1348972.17	0.6	UJ	pci/g	NO
Plutonium-239/240	032594	2386	60	61.5	477663.27	1349315	0.6	U	pci/g	NO
Plutonium-239/240	032618	2390	12	13.5	476577.39	1348407.6	0.6	UJ	pci/g	NO
Plutonium-239/240	032802	2390	50	51.5	476577.39	1348407.6	0.6	UJ	pci/g	NO
Plutonium-239/240	032816	3387	115	116.5	477146.66	1348982.68	0.6	UJ	pci/g	NO
Plutonium-239/240	032890	3390	125	126.5	476570.05	1348412.59	0.6	U	pci/g	NO
Plutonium-239/240	032935	2397	0	1.5	478300.02	1349526.06	0.6	U	pci/g	NO
Plutonium-239/240	121026	500318/SS-43	0	0.5	477045.59	1349219.59	0.2	UJ	pci/g	NO
Plutonium-239/240	121041	500318/SS-34	0	0.5	479260.22	1347238.3	0.2	UJ	pCi/g	NO
Plutonium-239/240	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.5	J	pci/g	NO
Plutonium-239/240	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.6	J	pci/g	NO
Plutonium-239/240	200071	11372	0	0.17	478106.92	1349859.68	0.2	UJ	pci/g	NO
Plutonium-239/240	200072	11372	2	2.5	478106.93	1349859.74	0.049	UJ	pci/g	NO
Plutonium-239/240	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	0.2	U	pci/g	NO

Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Plutonium-239/240	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	0.2	U	pci/g	NO
Plutonium-239/240	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	0.2	U	pci/g	NO
Plutonium-241	200071	11372	0	0.17	478106.92	1349859.68	0.335	-	pci/g	NA
Plutonium-241	200072	11372	2	2.5	478106.93	1349859.74	0.868	-	pci/g	NA
p-Methylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
p-Methylphenol	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NO
p-Methylphenol	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NO
p-Methylphenol	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	UJ	ug/kg	NO
p-Methylphenol	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NO
p-Methylphenol	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NO
p-Methylphenol	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NO
Potassium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	636	-	mg/kg	NA
Potassium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	990	-	mg/kg	NA
Potassium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	671	-	mg/kg	NA
Potassium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	1300	-	mg/kg	NA
Potassium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	645	-	mg/kg	NA
Potassium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	636	-	mg/kg	NA
Potassium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	824	-	mg/kg	NA
Potassium	200071	11372	0	0.17	478106.92	1349859.68	2480	-	mg/kg	NA
Potassium	200072	11372	2	2.5	478106.93	1349859.74	2170	-	mg/kg	NA
Pyrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Pyrene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	400	U	ug/kg	NA
Pyrene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	400	U	ug/kg	NA
Pyrene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	390	U	ug/kg	NA
Pyrene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	380	U	ug/kg	NA
Pyrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	420	U	ug/kg	NA
Pyrene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	410	U	ug/kg	NA
Radium-226	32935	2397	0	1.5	478300.02	1349526.06	1.22	J	pci/g	NO
Radium-226	121072	500318/SS-47	0	0.5	478001.32	1349422.67	1	J	pci/g	NO
Radium-226	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	1	J	pci/g	NO
Radium-226	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	1	J	pci/g	NO
Radium-226	005517	ZONE 3-117	0	0.5	479779.37	1347781	1.2	-	pCi/g	NO
Radium-226	007280	2049	0	1.5	477049.86	1348603.07	1.4	J	pci/g	NO
Radium-226	007293	2049	40	41.5	477049.86	1348603.07	0.4	J	pci/g	NO
Radium-226	008705	3015	7.5	9	476166.1	1348732.42	1	J	pci/g	NO
Radium-226	008722	3015	55	55.8	476166.1	1348732.42	0.5	J	pci/g	NO
Radium-226	008725	3015	70	71.5	476166.1	1348732.42	0.3	UJ	pci/g	NO

Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Radium-226	008748	3069	10.5	12	476451.52	1349244.65	0.8	J	pci/g	NO
Radium-226	008754	3069	19.5	21	476451.52	1349244.65	0.6	J	pci/g	NO
Radium-226	008763	3069	60	61.5	476451.52	1349244.65	0.5	J	pci/g	NO
Radium-226	010393	4014	65	66.5	476816.12	1348113.59	0.4	J	pci/g	NO
Radium-226	010408	4014	140	141.5	476816.12	1348113.59	0.3	UJ	pci/g	NO
Radium-226	010566	3106	9	11.5	476123.74	1348120.7	0.7	J	pci/g	NO
Radium-226	032562	2387	20	21.5	477148.47	1348972.17	0.372	J	pci/g	NO
Radium-226	032582	2386	15	16.5	477663.27	1349315	0.75	J	pci/g	NO
Radium-226	032594	2386	60	61.5	477663.27	1349315	0.5	J	pci/g	NO
Radium-226	032618	2390	12	13.5	476577.39	1348407.6	0.48	J	pci/g	NO
Radium-226	032816	3387	115	116.5	477146.66	1348982.68	0.489	J	pci/g	NO
Radium-226	032890	3390	125	126.5	476570.05	1348412.59	0.597	J	pci/g	NO
Radium-226	032935	2397	0	1.5	478300.02	1349526.06	1.22	J	pci/g	NO
Radium-226	121026	500318/SS-43	0	0.5	477045.59	1349219.59	0.4	J	pci/g	NO
Radium-226	121041	500318/SS-34	0	0.5	479260.22	1347238.3	0.5	J	pCi/g	NO
Radium-226	121072	500318/SS-47	0	0.5	478001.32	1349422.67	1	J	pci/g	NO
Radium-226	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.7	J	pci/g	NO
Radium-226	200071	11372	0	0.17	478106.92	1349859.68	0.996	-	pci/g	NO
Radium-226	200072	11372	2	2.5	478106.93	1349859.74	1.309	J	pci/g	NO
Radium-226	A1PII-S1-01-01R	A1PII-S1-01-01			478323	1349668	0.958	-	pci/g	NO
Radium-226	A1PII-S1-01-01R-D	A1PII-S1-01-01			478323	1349668	0.925	-	pci/g	NO
Radium-226	A1PII-S1-01-02R	A1PII-S1-01-02	0	0.5	478250	1349726	1.05	-	pci/g	NO
Radium-226	A1PII-S1-01-02R	A1PII-S1-01-02			478250	1349726	1.05	-	pci/g	NO
Radium-226	A1PII-S1-01-04R	A1PII-S1-01-04	0	0.5	478251	1349842	1.25	-	pci/g	NO
Radium-226	A1PII-S1-01-04R	A1PII-S1-01-04			478251	1349842	1.25	-	pci/g	NO
Radium-226	A1PII-S1-01-06R	A1PII-S1-01-06	0	0.5	478180	1349913	0.969	-	pci/g	NO
Radium-226	A1PII-S1-01-06R	A1PII-S1-01-06			478180	1349913	0.969	-	pci/g	NO
Radium-226	A1PII-S1-01-07R	A1PII-S1-01-07			478518	1349666	0.988	-	pci/g	NO
Radium-226	A1PII-S1-01-13R	A1PII-S1-01-13			478242	1349658	0.86	-	pci/g	NO
Radium-226	A1PII-S1-01-13R	A1PII-S1-01-13	0	0.5	478242	1349658	0.86	-	pci/g	NO
Radium-226	A1PII-S1-01-13R	A1PII-S1-01-13			478242	1349658	0.86	-	pci/g	NO
Radium-226	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	1.2	J	pci/g	NO
Radium-226	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	1.2	J	pci/g	NO
Radium-226	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	0.69	J	pci/g	NO
Radium-226	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	0.69	J	pci/g	NO
Radium-226	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	1.1	J	pci/g	NO
Radium-226	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	1.1	J	pci/g	NO

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Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Radium-226	SL-25-013	CIS_SYSGEN_5	0.17	0.5	477019.72	1348477.33	1.7	10.8	NV	pCi/g
Radium-226	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	1.7	10.7	NV	pCi/g
Radium-226	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	1.7	7.9	NV	pCi/g
Radium-226	SL-25-017	CIS_SYSGEN_7	0.5	1	477033.07	1348464.69	1.7	5.8	NV	pCi/g
Radium-226	SL-25-019	CIS_SYSGEN_4	0.16	0.5	477013.56	1348483.16	1.7	3.5	NV	pCi/g
Radium-226	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	1.7	2.9	NV	pCi/g
Radium-226	SS-25-012	CIS_SYSGEN_5	0	0.17	477019.72	1348477.33	1.7	10.2	NV	pCi/g
Radium-226	SS-25-015	CIS_SYSGEN_7	0	0.16	477033.07	1348464.69	1.7	6.6	NV	pCi/g
Radium-226	SS-25-018	CIS_SYSGEN_4	0	0.18	477013.56	1348483.16	1.7	3.1	NV	pCi/g
Radium-226	SS-25-021	CIS_SYSGEN_3	0.5	1	476994.4	1348488.64	1.7	2.3	NV	pCi/g
Radium-228	32935	2397	0	1.5	478300.02	1349526.06	1.08	J	pci/g	NO
Radium-228	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.8	-	pci/g	NO
Radium-228	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	1.1	-	pci/g	NO
Radium-228	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	0.8	-	pci/g	NO
Radium-228	005517	ZONE 3-117	0	0.5	479779.37	1347781	0.9	-	pCi/g	NO
Radium-228	007280	2049	0	1.5	477049.86	1348603.07	1.1	J	pci/g	NO
Radium-228	007293	2049	40	41.5	477049.86	1348603.07	0.5	UJ	pci/g	NO
Radium-228	008705	3015	7.5	9	476166.1	1348732.42	0.7	J	pci/g	NO
Radium-228	008722	3015	55	55.8	476166.1	1348732.42	0.5	UJ	pci/g	NO
Radium-228	008725	3015	70	71.5	476166.1	1348732.42	0.5	UJ	pci/g	NO
Radium-228	008748	3069	10.5	12	476451.52	1349244.65	0.7	J	pci/g	NO
Radium-228	008754	3069	19.5	21	476451.52	1349244.65	0.5	UJ	pci/g	NO
Radium-228	008763	3069	60	61.5	476451.52	1349244.65	0.5	UJ	pci/g	NO
Radium-228	010393	4014	65	66.5	476816.12	1348113.59	0.5	UJ	pci/g	NO
Radium-228	010408	4014	140	141.5	476816.12	1348113.59	0.5	UJ	pci/g	NO
Radium-228	010566	3106	9	11.5	476123.74	1348120.7	0.9	J	pci/g	NO
Radium-228	032562	2387	20	21.5	477148.47	1348972.17	0.5	UJ	pci/g	NO
Radium-228	032582	2386	15	16.5	477663.27	1349315	0.73	J	pci/g	NO
Radium-228	032594	2386	60	61.5	477663.27	1349315	0.5	UJ	pci/g	NO
Radium-228	032618	2390	12	13.5	476577.39	1348407.6	0.5	UJ	pci/g	NO
Radium-228	032816	3387	115	116.5	477146.66	1348982.68	0.5	UJ	pci/g	NO
Radium-228	032890	3390	125	126.5	476570.05	1348412.59	0.5	UJ	pci/g	NO
Radium-228	032935	2397	0	1.5	478300.02	1349526.06	1.08	J	pci/g	NO
Radium-228	121026	500318/SS-43	0	0.5	477045.59	1349219.59	0.5	U	pci/g	NO
Radium-228	121041	500318/SS-34	0	0.5	479260.22	1347238.3	0.5	U	pCi/g	NO
Radium-228	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.8	-	pci/g	NO
Radium-228	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.5	U	pci/g	NO

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Table 3-2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Radium-228	200071	11372	0	0.17	478106.92	1349859.68	0.955	-	pci/g	NO
Radium-228	200072	11372	2	2.5	478106.93	1349859.74	1.286	J	pci/g	NO
Radium-228	A1PII-S1-01-01R	A1PII-S1-01-01			478323	1349668	0.844	-	pci/g	NO
Radium-228	A1PII-S1-01-01R-D	A1PII-S1-01-01			478323	1349668	0.813	-	pci/g	NO
Radium-228	A1PII-S1-01-02R	A1PII-S1-01-02	0	0.5	478250	1349726	0.904	-	pci/g	NO
Radium-228	A1PII-S1-01-02R	A1PII-S1-01-02			478250	1349726	0.904	-	pci/g	NO
Radium-228	A1PII-S1-01-04R	A1PII-S1-01-04	0	0.5	478251	1349842	1.08	-	pci/g	NO
Radium-228	A1PII-S1-01-04R	A1PII-S1-01-04			478251	1349842	1.08	-	pci/g	NO
Radium-228	A1PII-S1-01-06R	A1PII-S1-01-06	0	0.5	478180	1349913	0.888	-	pci/g	NO
Radium-228	A1PII-S1-01-06R	A1PII-S1-01-06			478180	1349913	0.888	-	pci/g	NO
Radium-228	A1PII-S1-01-07R	A1PII-S1-01-07			478518	1349666	0.861	-	pci/g	NO
Radium-228	A1PII-S1-01-13R	A1PII-S1-01-13			478242	1349658	0.717	-	pci/g	NO
Radium-228	A1PII-S1-01-13R	A1PII-S1-01-13	0	0.5	478242	1349658	0.717	-	pci/g	NO
Radium-228	*A1PII-S1-01-13R*	*A1PII-S1-01-13*			*478242*	1349658	0.717	-	pci/g	NO
Ruthenium-106	32935	2397	0	1.5	478300.02	1349526.06	1	UJ	pci/g	NA
Ruthenium-106	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	1.3	UJ	pci/g	NA
Ruthenium-106	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	1	UJ	pci/g	NA
Ruthenium-106	005517	ZONE 3-117	0	0.5	479779.37	1347781	1	U	pCi/g	NA
Ruthenium-106	007280	2049	0	1.5	477049.86	1348603.07	1	UJ	pci/g	NA
Ruthenium-106	007293	2049	40	41.5	477049.86	1348603.07	1	UJ	pci/g	NA
Ruthenium-106	008705	3015	7.5	9	476166.1	1348732.42	1	UJ	pci/g	NA
Ruthenium-106	008722	3015	55	55.8	476166.1	1348732.42	1	UJ	pci/g	NA
Ruthenium-106	008725	3015	70	71.5	476166.1	1348732.42	1	UJ	pci/g	NA
Ruthenium-106	008748	3069	10.5	12	476451.52	1349244.65	1	UJ	pci/g	NA
Ruthenium-106	008754	3069	19.5	21	476451.52	1349244.65	1	UJ	pci/g	NA
Ruthenium-106	008763	3069	60	61.5	476451.52	1349244.65	1	UJ	pci/g	NA
Ruthenium-106	010393	4014	65	66.5	476816.12	1348113.59	1	UJ	pci/g	NA
Ruthenium-106	010408	4014	140	141.5	476816.12	1348113.59	1	UJ	pci/g	NA
Ruthenium-106	010566	3106	9	11.5	476123.74	1348120.7	1	UJ	pci/g	NA
Ruthenium-106	032562	2387	20	21.5	477148.47	1348972.17	1	UJ	pci/g	NA
Ruthenium-106	032582	2386	15	16.5	477663.27	1349315	1	UJ	pci/g	NA
Ruthenium-106	032594	2386	60	61.5	477663.27	1349315	1	UJ	pci/g	NA
Ruthenium-106	032618	2390	12	13.5	476577.39	1348407.6	1	UJ	pci/g	NA
Ruthenium-106	032816	3387	115	116.5	477146.66	1348982.68	1	UJ	pci/g	NA
Ruthenium-106	032890	3390	125	126.5	476570.05	1348412.59	1	UJ	pci/g	NA
Ruthenium-106	032935	2397	0	1.5	478300.02	1349526.06	1	UJ	pci/g	NA
Ruthenium-106	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	1	U	pci/g	NA

Table 3-2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Ruthenium-106	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	1	U	pci/g	NA
Selenium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.52	J	mg/kg	NO
Selenium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	0.51	J	mg/kg	NO
Selenium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.52	J	mg/kg	NO
Selenium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	0.8	J	mg/kg	NO
Selenium	200071	11372	0	0.17	478106.92	1349859.68	0.64	U	mg/kg	NO
Selenium	200072	11372	2	2.5	478106.93	1349859.74	0.84	-	mg/kg	NO
Silicon	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1300	J	mg/kg	NA
Silicon	121018	500318/SS-45	0	0.5	476603.21	1348502.72	239	J	mg/kg	NA
Silicon	121022	500318/SS-43	0	0.5	477045.59	1349219.59	1130	J	mg/kg	NA
Silicon	121036	500318/SS-34	0	0.5	479260.22	1347238.3	827	J	mg/kg	NA
Silicon	121067	500318/SS-44	0	0.5	476846.41	1348466.28	235	J	mg/kg	NA
Silicon	121070	500318/SS-47	0	0.5	478001.32	1349422.67	1300	J	mg/kg	NA
Silicon	121073	500318/SS-46	0	0.5	477381.11	1349441.46	679	J	mg/kg	NA
Silicon	200071	11372	0	0.17	478106.92	1349859.68	88.5	J	mg/kg	NA
Silicon	200072	11372	2	2.5	478106.93	1349859.74	50.5	J	mg/kg	NA
Silver	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.51	U	mg/kg	NO
Silver	121018	500318/SS-45	0	0.5	476603.21	1348502.72	0.49	UJ	mg/kg	NO
Silver	121022	500318/SS-43	0	0.5	477045.59	1349219.59	0.47	U	mg/kg	NO
Silver	121036	500318/SS-34	0	0.5	479260.22	1347238.3	0.47	-	mg/kg	NO
Silver	121067	500318/SS-44	0	0.5	476846.41	1348466.28	0.46	UJ	mg/kg	NO
Silver	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.51	U	mg/kg	NO
Silver	121073	500318/SS-46	0	0.5	477381.11	1349441.46	0.49	U	mg/kg	NO
Silver	200071	11372	0	0.17	478106.92	1349859.68	0.06	U	mg/kg	NO
Silver	200072	11372	2	2.5	478106.93	1349859.74	0.05	UJ	mg/kg	NO
Sodium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	34.7	U	mg/kg	NA
Sodium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	78	-	mg/kg	NA
Sodium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	32.5	U	mg/kg	NA
Sodium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	33.2	U	mg/kg	NA
Sodium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	31.2	U	mg/kg	NA
Sodium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	34.7	U	mg/kg	NA
Sodium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	66	-	mg/kg	NA
Sodium	200071	11372	0	0.17	478106.92	1349859.68	103	-	mg/kg	NA
Sodium	200072	11372	2	2.5	478106.93	1349859.74	87.8	-	mg/kg	NA
Strontium-90	32935	2397	0	1.5	478300.02	1349526.06	0.5	U	pci/g	NO
Strontium-90	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.5	UJ	pci/g	NO
Strontium-90	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	1.2	-	pci/g	NO

Table 3-8
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Strontium-90	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	1.1	-	pci/g	NO
Strontium-90	005517	ZONE 3-117	0	0.5	479779.37	1347781	0.5	U	pCi/g	NO
Strontium-90	007280	2049	0	1.5	477049.86	1348603.07	0.5	UJ	pci/g	NO
Strontium-90	007293	2049	40	41.5	477049.86	1348603.07	0.5	UJ	pci/g	NO
Strontium-90	008705	3015	7.5	9	476166.1	1348732.42	0.5	U	pci/g	NO
Strontium-90	008722	3015	55	55.8	476166.1	1348732.42	0.5	U	pci/g	NO
Strontium-90	008725	3015	70	71.5	476166.1	1348732.42	0.5	U	pci/g	NO
Strontium-90	008748	3069	10.5	12	476451.52	1349244.65	0.5	UJ	pci/g	NO
Strontium-90	008754	3069	19.5	21	476451.52	1349244.65	0.5	UJ	pci/g	NO
Strontium-90	008763	3069	60	61.5	476451.52	1349244.65	0.5	UJ	pci/g	NO
Strontium-90	010393	4014	65	66.5	476816.12	1348113.59	0.5	U	pci/g	NO
Strontium-90	010408	4014	140	141.5	476816.12	1348113.59	0.5	U	pci/g	NO
Strontium-90	010566	3106	9	11.5	476123.74	1348120.7	0.6	J	pci/g	NO
Strontium-90	010572	3106	40	41.5	476123.74	1348120.7	0.5	U	pci/g	NO
Strontium-90	032557	2387	12	13.5	477148.47	1348972.17	0.5	U	pci/g	NO
Strontium-90	032562	2387	20	21.5	477148.47	1348972.17	0.5	U	pci/g	NO
Strontium-90	032582	2386	15	16.5	477663.27	1349315	0.8	-	pci/g	NO
Strontium-90	032594	2386	60	61.5	477663.27	1349315	0.5	U	pci/g	NO
Strontium-90	032890	3390	125	126.5	476570.05	1348412.59	0.5	U	pci/g	NO
Strontium-90	032935	2397	0	1.5	478300.02	1349526.06	0.5	U	pci/g	NO
Strontium-90	121041	500318/SS-34	0	0.5	479260.22	1347238.3	0.6	UJ	pCi/g	NO
Strontium-90	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.5	UJ	pci/g	NO
Strontium-90	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.5	UJ	pci/g	NO
Strontium-90	200071	11372	0	0.17	478106.92	1349859.68	0.015	UJ	pci/g	NO
Strontium-90	200072	11372	2	2.5	478106.93	1349859.74	0.018	UJ	pci/g	NO
Strontium-90	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	0.5	U	pci/g	NO
Strontium-90	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	0.5	U	pci/g	NO
Strontium-90	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	0.5	U	pci/g	NO
Styrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
Styrene	103199	3398			476615.3	1349865	7	U	ug/kg	NA
Styrene	104450	2166			476553.3	1349637	16	U	ug/kg	NA
Styrene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
Styrene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
Styrene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	UJ	ug/kg	NA
Styrene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
Styrene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
Styrene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NA

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Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Technetium-99	32935	2397	0	1.5	478300.02	1349526.06	1	U	pci/g	NO
Technetium-99	121072	500318/SS-47	0	0.5	478001.32	1349422.67	1	U	pci/g	NO
Technetium-99	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	1	U	pci/g	NO
Technetium-99	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	1	U	pci/g	NO
Technetium-99	005517	ZONE 3-117	0	0.5	479779.37	1347781	1	UJ	pCi/g	NO
Technetium-99	007280	2049	0	1.5	477049.86	1348603.07	1	U	pci/g	NO
Technetium-99	007293	2049	40	41.5	477049.86	1348603.07	1	U	pci/g	NO
Technetium-99	008705	3015	7.5	9	476166.1	1348732.42	1	UJ	pci/g	NO
Technetium-99	008722	3015	55	55.8	476166.1	1348732.42	1	UJ	pci/g	NO
Technetium-99	008725	3015	70	71.5	476166.1	1348732.42	1	UJ	pci/g	NO
Technetium-99	008748	3069	10.5	12	476451.52	1349244.65	1	UJ	pci/g	NO
Technetium-99	008754	3069	19.5	21	476451.52	1349244.65	1	UJ	pci/g	NO
Technetium-99	008763	3069	60	61.5	476451.52	1349244.65	1	U	pci/g	NO
Technetium-99	010393	4014	65	66.5	476816.12	1348113.59	1	U	pci/g	NO
Technetium-99	010408	4014	140	141.5	476816.12	1348113.59	1	U	pci/g	NO
Technetium-99	010566	3106	9	11.5	476123.74	1348120.7	1	U	pci/g	NO
Technetium-99	010572	3106	40	41.5	476123.74	1348120.7	1	UJ	pci/g	NO
Technetium-99	032557	2387	12	13.5	477148.47	1348972.17	0.9	U	pci/g	NO
Technetium-99	032562	2387	20	21.5	477148.47	1348972.17	0.9	U	pci/g	NO
Technetium-99	032582	2386	15	16.5	477663.27	1349315	1	U	pci/g	NO
Technetium-99	032594	2386	60	61.5	477663.27	1349315	1	U	pci/g	NO
Technetium-99	032618	2390	12	13.5	476577.39	1348407.6	1.1	U	pci/g	NO
Technetium-99	032802	2390	50	51.5	476577.39	1348407.6	1	UJ	pci/g	NO
Technetium-99	032816	3387	115	116.5	477146.66	1348982.68	1.1	U	pci/g	NO
Technetium-99	032890	3390	125	126.5	476570.05	1348412.59	1	U	pci/g	NO
Technetium-99	032935	2397	0	1.5	478300.02	1349526.06	1	U	pci/g	NO
Technetium-99	121026	500318/SS-43	0	0.5	477045.59	1349219.59	1	UJ	pci/g	NO
Technetium-99	121041	500318/SS-34	0	0.5	479260.22	1347238.3	1	UJ	pCi/g	NO
Technetium-99	121072	500318/SS-47	0	0.5	478001.32	1349422.67	1	U	pci/g	NO
Technetium-99	121075	500318/SS-46	0	0.5	477381.11	1349441.46	1	U	pci/g	NO
Technetium-99	200071	11372	0	0.17	478106.92	1349859.68	0.076	J	pci/g	NO
Technetium-99	200072	11372	2	2.5	478106.93	1349859.74	0.012	U	pci/g	NO
Technetium-99	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	-0.047	UJ	pci/g	NO
Technetium-99	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	1.2	UJ	pci/g	NO
Technetium-99	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	0.17	UJ	pci/g	NO
Technetium-99	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	1.2	UJ	pci/g	NO
Technetium-99	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	0.44	UJ	pci/g	NO

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Table 3-2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Technetium-99	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	1.5	UJ	pci/g	NO
Technetium-99	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	1.4	U	pci/g	NO
Technetium-99	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	1.3	U	pci/g	NO
Technetium-99	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	1.3	U	pci/g	NO
Tetrachloroethene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Tetrachloroethene	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Tetrachloroethene	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Tetrachloroethene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Tetrachloroethene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Tetrachloroethene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	UJ	ug/kg	NO
Tetrachloroethene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Tetrachloroethene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Tetrachloroethene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	3	J	ug/kg	NO
Thallium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.25	U	mg/kg	NO
Thallium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	0.24	U	mg/kg	NO
Thallium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	0.24	U	mg/kg	NO
Thallium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	0.24	U	mg/kg	NO
Thallium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	0.23	U	mg/kg	NO
Thallium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	0.25	U	mg/kg	NO
Thallium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	0.25	U	mg/kg	NO
Thallium	200071	11372	0	0.17	478106.92	1349859.68	0.39	-	mg/kg	NO
Thallium	200072	11372	2	2.5	478106.93	1349859.74	0.21	-	mg/kg	NO
Thorium, Total	32935	2397	0	1.5	478300.02	1349526.06	5.13	J	mg/kg	NA
Thorium, Total	032557	2387	12	13.5	477148.47	1348972.17	3.7	J	mg/kg	NA
Thorium, Total	032562	2387	20	21.5	477148.47	1348972.17	38.3	-	mg/kg	NA
Thorium, Total	032582	2386	15	16.5	477663.27	1349315	5.67	-	mg/kg	NA
Thorium, Total	032594	2386	60	61.5	477663.27	1349315	2.25	-	mg/kg	NA
Thorium, Total	032618	2390	12	13.5	476577.39	1348407.6	1.38	J	mg/kg	NA
Thorium, Total	032802	2390	50	51.5	476577.39	1348407.6	4.85	J	mg/kg	NA
Thorium, Total	032816	3387	115	116.5	477146.66	1348982.68	2.46	J	mg/kg	NA
Thorium, Total	032890	3390	125	126.5	476570.05	1348412.59	2.01	-	mg/kg	NA
Thorium, Total	032935	2397	0	1.5	478300.02	1349526.06	5.13	J	mg/kg	NA
Thorium, Total	033610	2399			477343.94	1350079.81	1.98	-	mg/kg	NA
Thorium-228	32935	2397	0	1.5	478300.02	1349526.06	0.989	J	pci/g	NO
Thorium-228	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.6	-	pci/g	NO
Thorium-228	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	1.7	-	pci/g	NO
Thorium-228	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	1	-	pci/g	NO

Table 2-2
A2PIII Validated Histo[illegible] Data Below FRL

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Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Thorium-228	005517	ZONE 3-117	0	0.5	479779.37	1347781	1.1	-	pCi/g	NO
Thorium-228	007280	2049	0	1.5	477049.86	1348603.07	0.9	-	pci/g	NO
Thorium-228	007293	2049	40	41.5	477049.86	1348603.07	0.6	U	pci/g	NO
Thorium-228	008705	3015	7.5	9	476166.1	1348732.42	1.2	-	pci/g	NO
Thorium-228	008722	3015	55	55.8	476166.1	1348732.42	0.6	U	pci/g	NO
Thorium-228	008725	3015	70	71.5	476166.1	1348732.42	0.6	U	pci/g	NO
Thorium-228	008748	3069	10.5	12	476451.52	1349244.65	0.9	-	pci/g	NO
Thorium-228	008754	3069	19.5	21	476451.52	1349244.65	0.6	U	pci/g	NO
Thorium-228	008763	3069	60	61.5	476451.52	1349244.65	0.6	U	pci/g	NO
Thorium-228	010393	4014	65	66.5	476816.12	1348113.59	0.6	UJ	pci/g	NO
Thorium-228	010408	4014	140	141.5	476816.12	1348113.59	0.6	UJ	pci/g	NO
Thorium-228	010566	3106	9	11.5	476123.74	1348120.7	0.6	-	pci/g	NO
Thorium-228	010572	3106	40	41.5	476123.74	1348120.7	0.6	U	pci/g	NO
Thorium-228	032557	2387	12	13.5	477148.47	1348972.17	0.749	-	pci/g	NO
Thorium-228	032582	2386	15	16.5	477663.27	1349315	0.62	-	pci/g	NO
Thorium-228	032594	2386	60	61.5	477663.27	1349315	0.6	U	pci/g	NO
Thorium-228	032618	2390	12	13.5	476577.39	1348407.6	0.6	UJ	pci/g	NO
Thorium-228	032802	2390	50	51.5	476577.39	1348407.6	0.851	J	pci/g	NO
Thorium-228	032816	3387	115	116.5	477146.66	1348982.68	0.6	UJ	pci/g	NO
Thorium-228	032935	2397	0	1.5	478300.02	1349526.06	0.989	J	pci/g	NO
Thorium-228	121026	500318/SS-43	0	0.5	477045.59	1349219.59	0.7	J	pci/g	NO
Thorium-228	121041	500318/SS-34	0	0.5	479260.22	1347238.3	0.8	J	pCi/g	NO
Thorium-228	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.6	-	pci/g	NO
Thorium-228	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.6	-	pci/g	NO
Thorium-228	200071	11372	0	0.17	478106.92	1349859.68	0.939	J	pci/g	NO
Thorium-228	200072	11372	2	2.5	478106.93	1349859.74	1.401	-	pci/g	NO
Thorium-228	A1PII-S1-01-01R	A1PII-S1-01-01			478323	1349668	0.839	-	pci/g	NO
Thorium-228	A1PII-S1-01-01R-D	A1PII-S1-01-01			478323	1349668	0.785	-	pci/g	NO
Thorium-228	A1PII-S1-01-02R	A1PII-S1-01-02	0	0.5	478250	1349726	0.83	-	pci/g	NO
Thorium-228	A1PII-S1-01-02R	A1PII-S1-01-02			478250	1349726	0.83	-	pci/g	NO
Thorium-228	A1PII-S1-01-04R	A1PII-S1-01-04	0	0.5	478251	1349842	1.09	-	pci/g	NO
Thorium-228	A1PII-S1-01-04R	A1PII-S1-01-04			478251	1349842	1.09	-	pci/g	NO
Thorium-228	A1PII-S1-01-06R	A1PII-S1-01-06	0	0.5	478180	1349913	0.863	-	pci/g	NO
Thorium-228	A1PII-S1-01-06R	A1PII-S1-01-06			478180	1349913	0.863	-	pci/g	NO
Thorium-228	A1PII-S1-01-07R	A1PII-S1-01-07			478518	1349666	0.873	-	pci/g	NO
Thorium-228	A1PII-S1-01-13R	A1PII-S1-01-13			478242	1349658	0.691	-	pci/g	NO
Thorium-228	A1PII-S1-01-13R	A1PII-S1-01-13	0	0.5	478242	1349658	0.691	-	pci/g	NO

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Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Thorium-228	A1PII-S1-01-13R	A1PII-S1-01-13			478242	1349658	0.691	-	pci/g	NO
Thorium-228	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	1.403	J	pci/g	NO
Thorium-228	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	0.2559	J	pci/g	NO
Thorium-230	32935	2397	0	1.5	478300.02	1349526.06	1.21	J	pci/g	NO
Thorium-230	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.7	-	pci/g	NO
Thorium-230	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	2.1	-	pci/g	NO
Thorium-230	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	2.1	-	pci/g	NO
Thorium-230	005517	ZONE 3-117	0	0.5	479779.37	1347781	2.2	-	pCi/g	NO
Thorium-230	007280	2049	0	1.5	477049.86	1348603.07	2.3	-	pci/g	NO
Thorium-230	007293	2049	40	41.5	477049.86	1348603.07	1	-	pci/g	NO
Thorium-230	008705	3015	7.5	9	476166.1	1348732.42	1.7	-	pci/g	NO
Thorium-230	008722	3015	55	55.8	476166.1	1348732.42	1.3	-	pci/g	NO
Thorium-230	008725	3015	70	71.5	476166.1	1348732.42	0.6	U	pci/g	NO
Thorium-230	008748	3069	10.5	12	476451.52	1349244.65	2.3	-	pci/g	NO
Thorium-230	008754	3069	19.5	21	476451.52	1349244.65	0.6	-	pci/g	NO
Thorium-230	008763	3069	60	61.5	476451.52	1349244.65	1.1	-	pci/g	NO
Thorium-230	010393	4014	65	66.5	476816.12	1348113.59	0.7	J	pci/g	NO
Thorium-230	010408	4014	140	141.5	476816.12	1348113.59	0.7	J	pci/g	NO
Thorium-230	010566	3106	9	11.5	476123.74	1348120.7	0.9	-	pci/g	NO
Thorium-230	010572	3106	40	41.5	476123.74	1348120.7	0.6	U	pci/g	NO
Thorium-230	032557	2387	12	13.5	477148.47	1348972.17	0.6	U	pci/g	NO
Thorium-230	032562	2387	20	21.5	477148.47	1348972.17	0.998	-	pci/g	NO
Thorium-230	032582	2386	15	16.5	477663.27	1349315	0.6	U	pci/g	NO
Thorium-230	032594	2386	60	61.5	477663.27	1349315	0.807	-	pci/g	NO
Thorium-230	032618	2390	12	13.5	476577.39	1348407.6	0.6	UJ	pci/g	NO
Thorium-230	032802	2390	50	51.5	476577.39	1348407.6	0.999	J	pci/g	NO
Thorium-230	032816	3387	115	116.5	477146.66	1348982.68	0.6	UJ	pci/g	NO
Thorium-230	032890	3390	125	126.5	476570.05	1348412.59	0.6	U	pci/g	NO
Thorium-230	032935	2397	0	1.5	478300.02	1349526.06	1.21	J	pci/g	NO
Thorium-230	121026	500318/SS-43	0	0.5	477045.59	1349219.59	0.9	J	pci/g	NO
Thorium-230	121041	500318/SS-34	0	0.5	479260.22	1347238.3	1.7	J	pCi/g	NO
Thorium-230	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.7	-	pci/g	NO
Thorium-230	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.8	-	pci/g	NO
Thorium-230	200071	11372	0	0.17	478106.92	1349859.68	1.8	-	pci/g	NO
Thorium-230	200072	11372	2	2.5	478106.93	1349859.74	1.531	J	pci/g	NO
Thorium-230	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	0.81	J	pci/g	NO
Thorium-230	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	0.81	J	pci/g	NO

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Table 2-2
A2PIII Validated Historical Data Below FRL

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Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Thorium-230	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	1.1	J	pci/g	NO
Thorium-230	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	1.1	J	pci/g	NO
Thorium-230	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	1.4	J	pci/g	NO
Thorium-230	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	1.4	J	pci/g	NO
Thorium-230	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	14.8348	J	pci/g	NO
Thorium-230	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	1.3081	J	pci/g	NO
Thorium-232	32935	2397	0	1.5	478300.02	1349526.06	0.6	UJ	pci/g	NO
Thorium-232	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.5	J	pci/g	NO
Thorium-232	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	1.5	-	pci/g	NO
Thorium-232	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	1.1	-	pci/g	NO
Thorium-232	005517	ZONE 3-117	0	0.5	479779.37	1347781	1	-	pCi/g	NO
Thorium-232	007280	2049	0	1.5	477049.86	1348603.07	1	-	pci/g	NO
Thorium-232	007293	2049	40	41.5	477049.86	1348603.07	0.6	U	pci/g	NO
Thorium-232	008705	3015	7.5	9	476166.1	1348732.42	0.9	-	pci/g	NO
Thorium-232	008722	3015	55	55.8	476166.1	1348732.42	0.6	U	pci/g	NO
Thorium-232	008725	3015	70	71.5	476166.1	1348732.42	0.6	U	pci/g	NO
Thorium-232	008748	3069	10.5	12	476451.52	1349244.65	1	-	pci/g	NO
Thorium-232	008754	3069	19.5	21	476451.52	1349244.65	0.6	U	pci/g	NO
Thorium-232	008763	3069	60	61.5	476451.52	1349244.65	0.6	U	pci/g	NO
Thorium-232	010393	4014	65	66.5	476816.12	1348113.59	0.6	UJ	pci/g	NO
Thorium-232	010408	4014	140	141.5	476816.12	1348113.59	0.6	UJ	pci/g	NO
Thorium-232	010566	3106	9	11.5	476123.74	1348120.7	0.8	-	pci/g	NO
Thorium-232	010572	3106	40	41.5	476123.74	1348120.7	0.6	U	pci/g	NO
Thorium-232	032557	2387	12	13.5	477148.47	1348972.17	0.6	U	pci/g	NO
Thorium-232	032582	2386	15	16.5	477663.27	1349315	0.628	-	pci/g	NO
Thorium-232	032594	2386	60	61.5	477663.27	1349315	0.6	U	pci/g	NO
Thorium-232	032618	2390	12	13.5	476577.39	1348407.6	0.6	UJ	pci/g	NO
Thorium-232	032802	2390	50	51.5	476577.39	1348407.6	0.6	UJ	pci/g	NO
Thorium-232	032816	3387	115	116.5	477146.66	1348982.68	0.6	UJ	pci/g	NO
Thorium-232	032890	3390	125	126.5	476570.05	1348412.59	0.6	U	pci/g	NO
Thorium-232	032935	2397	0	1.5	478300.02	1349526.06	0.6	UJ	pci/g	NO
Thorium-232	121026	500318/SS-43	0	0.5	477045.59	1349219.59	0.6	J	pci/g	NO
Thorium-232	121041	500318/SS-34	0	0.5	479260.22	1347238.3	0.7	J	pCi/g	NO
Thorium-232	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.5	J	pci/g	NO
Thorium-232	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.7	J	pci/g	NO
Thorium-232	200071	11372	0	0.17	478106.92	1349859.68	1.11	-	pci/g	NO
Thorium-232	200072	11372	2	2.5	478106.93	1349859.74	1.146	-	pci/g	NO

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Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Thorium-232	A1PII-S1-01-01R	A1PII-S1-01-01			478323	1349668	0.844	-	pci/g	NO
Thorium-232	A1PII-S1-01-01R-D	A1PII-S1-01-01			478323	1349668	0.813	-	pci/g	NO
Thorium-232	A1PII-S1-01-02R	A1PII-S1-01-02	0	0.5	478250	1349726	0.904	-	pci/g	NO
Thorium-232	A1PII-S1-01-02R	A1PII-S1-01-02			478250	1349726	0.904	-	pci/g	NO
Thorium-232	A1PII-S1-01-04R	A1PII-S1-01-04	0	0.5	478251	1349842	1.08	-	pci/g	NO
Thorium-232	A1PII-S1-01-04R	A1PII-S1-01-04			478251	1349842	1.08	-	pci/g	NO
Thorium-232	A1PII-S1-01-06R	A1PII-S1-01-06	0	0.5	478180	1349913	0.888	-	pci/g	NO
Thorium-232	A1PII-S1-01-06R	A1PII-S1-01-06			478180	1349913	0.888	-	pci/g	NO
Thorium-232	A1PII-S1-01-07R	A1PII-S1-01-07			478518	1349666	0.861	-	pci/g	NO
Thorium-232	A1PII-S1-01-13R	A1PII-S1-01-13			478242	1349658	0.717	-	pci/g	NO
Thorium-232	A1PII-S1-01-13R	A1PII-S1-01-13	0	0.5	478242	1349658	0.717	-	pci/g	NO
Thorium-232	A1PII-S1-01-13R	A1PII-S1-01-13			478242	1349658	0.717	-	pci/g	NO
Thorium-232	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	0.86	J	pci/g	NO
Thorium-232	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	0.86	J	pci/g	NO
Thorium-232	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	0.34	J	pci/g	NO
Thorium-232	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	0.34	J	pci/g	NO
Thorium-232	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	0.6	J	pci/g	NO
Thorium-232	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	0.6	J	pci/g	NO
Thorium-232	SL-25-013	CIS_SYSGEN_5	0.17	0.5	477019.72	1348477.33	1.5	5.5	UNV	pCi/g
Thorium-232	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	1.3676	J	pci/g	NO
Thorium-232	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.07	1348464.69	1.5	6	UNV	pCi/g
Thorium-232	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	0.2204	J	pci/g	NO
Thorium-232	SS-25-012	CIS_SYSGEN_5	0	0.17	477019.72	1348477.33	1.5	1.6	NV	pCi/g
Thorium-232	SS-25-015	CIS_SYSGEN_7	0	0.16	477033.07	1348464.69	1.5	5.3	UNV	pCi/g
Thorium-232	SS-25-018	CIS_SYSGEN_4	0	0.18	477013.56	1348483.16	1.5	4.7	UNV	pCi/g
Toluene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Toluene	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Toluene	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Toluene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Toluene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Toluene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	UJ	ug/kg	NO
Toluene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Toluene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Toluene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
Total Organic Carbon	200071	11372	0	0.17	478106.92	1349859.68	19000	U	mg/kg	NA
Total Organic Carbon	200097341	11372	0	0.17	478106.92	1349859.68	56200	J	mg/kg	NA
Total Organic Carbon	200097342	11372	2	2.5	478106.92	1349859.68	2740	J	mg/kg	NA

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Table 2-8
A2PIII Validated Historical Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Toxaphene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	220	UJ	ug/kg	NA
Toxaphene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	210	U	ug/kg	NA
Toxaphene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	200	UJ	ug/kg	NA
Toxaphene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	400	U	ug/kg	NA
Toxaphene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	220	UJ	ug/kg	NA
trans-1,3-Dichloropropene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
trans-1,3-Dichloropropene	103199	3398			476615.3	1349865	7	U	ug/kg	NA
trans-1,3-Dichloropropene	104450	2166			476553.3	1349637	16	U	ug/kg	NA
trans-1,3-Dichloropropene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NA
trans-1,3-Dichloropropene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
trans-1,3-Dichloropropene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NA
trans-1,3-Dichloropropene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NA
trans-1,3-Dichloropropene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NA
trans-1,3-Dichloropropene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NA
Trichloroethene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Trichloroethene	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Trichloroethene	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Trichloroethene	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Trichloroethene	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Trichloroethene	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Trichloroethene	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Trichloroethene	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Trichloroethene	121073	500318/SS-46	0	0.5	477381.11	1349441.46	2	J	ug/kg	NO
Uranium, Total	32935	2397	0	1.5	478300.02	1349526.06	9.5	J	mg/kg	NO
Uranium, Total	98062	1405	0	0.5	478371.17	1349009.01	8.2	-	mg/kg	NO
Uranium, Total	98064	1405	1.5	2	478371.17	1349009.01	9.9	-	mg/kg	NO
Uranium, Total	98066	1405	3	3.5	478371.17	1349009.01	3.9	-	mg/kg	NO
Uranium, Total	98089	1405	17.5	18	478371.17	1349009.01	2.6	-	mg/kg	NO
Uranium, Total	98100	1405	24.5	25	478371.17	1349009.01	4.3	-	mg/kg	NO
Uranium, Total	98115	1405	33.5	34	478371.17	1349009.01	2.7	-	mg/kg	NO
Uranium, Total	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.899563	J	mg/kg	NO
Uranium, Total	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	9.295488	J	mg/kg	NO
Uranium, Total	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	14.09316	J	mg/kg	NO
Uranium, Total	005517	ZONE 3-117	0	0.5	479779.37	1347781	30.58515	-	mg/kg	NO
Uranium, Total	007280	2049	0	1.5	477049.86	1348603.07	18.89083	J	mg/kg	NO
Uranium, Total	007293	2049	40	41.5	477049.86	1348603.07	1.799127	UJ	mg/kg	NO
Uranium, Total	008705	3015	7.5	9	476166.1	1348732.42	2.098981	J	mg/kg	NO

Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium, Total	008722	3015	55	55.8	476166.1	1348732.42	1.799127	UJ	mg/kg	NO
Uranium, Total	008725	3015	70	71.5	476166.1	1348732.42	1.799127	J	mg/kg	NO
Uranium, Total	008748	3069	10.5	12	476451.52	1349244.65	2.998544	J	mg/kg	NO
Uranium, Total	008754	3069	19.5	21	476451.52	1349244.65	1.799127	UJ	mg/kg	NO
Uranium, Total	008763	3069	60	61.5	476451.52	1349244.65	1.799127	UJ	mg/kg	NO
Uranium, Total	010393	4014	65	66.5	476816.12	1348113.59	1.799127	U	mg/kg	NO
Uranium, Total	010408	4014	140	141.5	476816.12	1348113.59	1.799127	U	mg/kg	NO
Uranium, Total	010566	3106	9	11.5	476123.74	1348120.7	2.398836	-	mg/kg	NO
Uranium, Total	010572	3106	40	41.5	476123.74	1348120.7	1.799127	U	mg/kg	NO
Uranium, Total	032562	2387	20	21.5	477148.47	1348972.17	1.46	J	mg/kg	NO
Uranium, Total	032582	2386	15	16.5	477663.27	1349315	2.176943	-	mg/kg	NO
Uranium, Total	032594	2386	60	61.5	477663.27	1349315	1.799127	U	mg/kg	NO
Uranium, Total	032618	2390	12	13.5	476577.39	1348407.6	5.787191	J	mg/kg	NO
Uranium, Total	032802	2390	50	51.5	476577.39	1348407.6	9.205531	J	mg/kg	NO
Uranium, Total	032816	3387	115	116.5	477146.66	1348982.68	2.197933	J	mg/kg	NO
Uranium, Total	032890	3390	125	126.5	476570.05	1348412.59	1.79	J	mg/kg	NO
Uranium, Total	032935	2397	0	1.5	478300.02	1349526.06	9.5	J	mg/kg	NO
Uranium, Total	033497	2998			476623.73	1349926.65	9.45	J	mg/kg	NO
Uranium, Total	033530	2398			476618.7	1349877	1.23	J	mg/kg	NO
Uranium, Total	033611	2399			477343.94	1350079.81	5.54	J	mg/kg	NO
Uranium, Total	098001	1407	0.5	1	476755.84	1348142.03	6	-	mg/kg	NO
Uranium, Total	098002	1407	1.5	2	476755.84	1348142.03	5	-	mg/kg	NO
Uranium, Total	098003	1407	3	3.5	476755.84	1348142.03	3	-	mg/kg	NO
Uranium, Total	098004	1407	4.5	5	476755.84	1348142.03	4	-	mg/kg	NO
Uranium, Total	098008	1407	7.5	8	476755.84	1348142.03	5	-	mg/kg	NO
Uranium, Total	098009	1407	8	8.5	476755.84	1348142.03	1	-	mg/kg	NO
Uranium, Total	098010	1406	0	0.5	477078.75	1348699.93	7	-	mg/kg	NO
Uranium, Total	098011	1406	1.5	2	477078.75	1348699.93	4	-	mg/kg	NO
Uranium, Total	098014	1406	3.5	4	477078.75	1348699.93	7	-	mg/kg	NO
Uranium, Total	098017	1406	6	6.5	477078.75	1348699.93	8	-	mg/kg	NO
Uranium, Total	098024	1406	13.5	14	477078.75	1348699.93	7	-	mg/kg	NO
Uranium, Total	098028	1406	16.5	17	477078.75	1348699.93	4	-	mg/kg	NO
Uranium, Total	098029	1410	0	0.5	476566.1	1348155.24	1.5	-	mg/kg	NO
Uranium, Total	098030	1410	1.5	2	476566.1	1348155.24	2.2	-	mg/kg	NO
Uranium, Total	098032	1410	3	3.5	476566.1	1348155.24	1.8	-	mg/kg	NO
Uranium, Total	098034	1410	4.5	5	476566.1	1348155.24	2.5	-	mg/kg	NO
Uranium, Total	098040	1410	8.5	9	476566.1	1348155.24	2.5	-	mg/kg	NO

Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium, Total	098047	1410	12.5	13	476566.1	1348155.24	1.5	-	mg/kg	NO
Uranium, Total	098061	1410	19.5	20	476566.1	1348155.24	2.8	U	mg/kg	NO
Uranium, Total	121026	500318/SS-43	0	0.5	477045.59	1349219.59	3.898108	J	mg/kg	NO
Uranium, Total	121041	500318/SS-34	0	0.5	479260.22	1347238.3	58.8	-	mg/kg	YES
Uranium, Total	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.899563	J	mg/kg	NO
Uranium, Total	121075	500318/SS-46	0	0.5	477381.11	1349441.46	1.199418	J	mg/kg	NO
Uranium, Total	12S-14-B2	11372	2	2.5	478106.93	1349859.74	1.804	-	mg/kg	NO
Uranium, Total	200071	11372	0	0.17	478106.92	1349859.68	8.883391	J	mg/kg	NO
Uranium, Total	200072	11372	2	2.5	478106.93	1349859.74	1.95	-	mg/kg	NO
Uranium, Total	92S-14	11372	0	0.17	478106.93	1349859.74	8.678	-	mg/kg	NO
Uranium, Total	A1PII-S1-01-01R	A1PII-S1-01-01			478323	1349668	2.06	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-01R-D	A1PII-S1-01-01			478323	1349668	0.039	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-02R	A1PII-S1-01-02	0	0.5	478250	1349726	8.9	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-02R	A1PII-S1-01-02			478250	1349726	4.88	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-04R	A1PII-S1-01-04	0	0.5	478251	1349842	6.7	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-04R	A1PII-S1-01-04			478251	1349842	4.65	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-06R	A1PII-S1-01-06	0	0.5	478180	1349913	7.1	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-06R	A1PII-S1-01-06			478180	1349913	3.03	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-07R	A1PII-S1-01-07			478518	1349666	1.45	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-13R	A1PII-S1-01-13			478242	1349658	4.48	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-13R	A1PII-S1-01-13	0	0.5	478242	1349658	5.9	UJ	mg/kg	NO
Uranium, Total	A1PII-S1-01-13R	A1PII-S1-01-13			478242	1349658	4.48	UJ	mg/kg	NO
Uranium, Total	SL-25-017	CIS_SYSGEN_7	0.5	1	477033.07	1348464.69	82	88.45706	UNV	mg/kg
Uranium-234	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.2	J	pci/g	NA
Uranium-234	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	3	-	pci/g	NA
Uranium-234	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	4.4	-	pci/g	NA
Uranium-234	005517	ZONE 3-117	0	0.5	479779.37	1347781	9.9	-	pCi/g	NA
Uranium-234	007280	2049	0	1.5	477049.86	1348603.07	5	J	pci/g	NA
Uranium-234	007293	2049	40	41.5	477049.86	1348603.07	0.6	UJ	pci/g	NA
Uranium-234	008705	3015	7.5	9	476166.1	1348732.42	2	J	pci/g	NA
Uranium-234	008722	3015	55	55.8	476166.1	1348732.42	0.6	UJ	pci/g	NA
Uranium-234	008725	3015	70	71.5	476166.1	1348732.42	0.6	UJ	pci/g	NA
Uranium-234	008748	3069	10.5	12	476451.52	1349244.65	0.9	J	pci/g	NA
Uranium-234	008754	3069	19.5	21	476451.52	1349244.65	0.6	UJ	pci/g	NA
Uranium-234	008763	3069	60	61.5	476451.52	1349244.65	0.6	UJ	pci/g	NA
Uranium-234	010393	4014	65	66.5	476816.12	1348113.59	0.6	U	pci/g	NA
Uranium-234	010408	4014	140	141.5	476816.12	1348113.59	0.6	U	pci/g	NA

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Table
A2PIII Validated Histo Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium-234	010566	3106	9	11.5	476123.74	1348120.7	0.7	-	pci/g	NA
Uranium-234	010572	3106	40	41.5	476123.74	1348120.7	0.6	U	pci/g	NA
Uranium-234	032557	2387	12	13.5	477148.47	1348972.17	0.746	-	pci/g	NA
Uranium-234	032562	2387	20	21.5	477148.47	1348972.17	0.6	U	pci/g	NA
Uranium-234	032582	2386	15	16.5	477663.27	1349315	0.709	-	pci/g	NA
Uranium-234	032594	2386	60	61.5	477663.27	1349315	0.6	U	pci/g	NA
Uranium-234	032618	2390	12	13.5	476577.39	1348407.6	2.52	J	pci/g	NA
Uranium-234	032802	2390	50	51.5	476577.39	1348407.6	2.7	J	pci/g	NA
Uranium-234	032816	3387	115	116.5	477146.66	1348982.68	0.603	J	pci/g	NA
Uranium-234	121026	500318/SS-43	0	0.5	477045.59	1349219.59	1.1	J	pci/g	NA
Uranium-234	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.2	J	pci/g	NA
Uranium-234	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.3	J	pci/g	NA
Uranium-234	12S-14-B2	11372	2	2.5	478106.93	1349859.74	0.766	J	pci/g	NA
Uranium-234	200071	11372	0	0.17	478106.92	1349859.68	2.861	J	pci/g	NA
Uranium-234	200072	11372	2	2.5	478106.93	1349859.74	0.993	-	pci/g	NA
Uranium-234	92S-14	11372	0	0.17	478106.93	1349859.74	4.026	J	pci/g	NA
Uranium-234	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	34.8991	J	pci/g	NA
Uranium-234	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	20.7889	J	pci/g	NA
Uranium-235	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	2.4548	J	pci/g	NA
Uranium-235	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	0.8086	J	pci/g	NA
Uranium-235/236	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.1	UJ	pci/g	NA
Uranium-235/236	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	0.6	U	pci/g	NA
Uranium-235/236	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	0.6	U	pci/g	NA
Uranium-235/236	005517	ZONE 3-117	0	0.5	479779.37	1347781	0.6	U	pCi/g	NA
Uranium-235/236	007280	2049	0	1.5	477049.86	1348603.07	0.6	UJ	pci/g	NA
Uranium-235/236	007293	2049	40	41.5	477049.86	1348603.07	0.6	UJ	pci/g	NA
Uranium-235/236	008705	3015	7.5	9	476166.1	1348732.42	0.6	UJ	pci/g	NA
Uranium-235/236	008722	3015	55	55.8	476166.1	1348732.42	0.6	UJ	pci/g	NA
Uranium-235/236	008725	3015	70	71.5	476166.1	1348732.42	0.6	UJ	pci/g	NA
Uranium-235/236	008748	3069	10.5	12	476451.52	1349244.65	0.6	UJ	pci/g	NA
Uranium-235/236	008754	3069	19.5	21	476451.52	1349244.65	0.6	UJ	pci/g	NA
Uranium-235/236	008763	3069	60	61.5	476451.52	1349244.65	0.6	UJ	pci/g	NA
Uranium-235/236	010393	4014	65	66.5	476816.12	1348113.59	0.6	U	pci/g	NA
Uranium-235/236	010408	4014	140	141.5	476816.12	1348113.59	0.6	U	pci/g	NA
Uranium-235/236	010566	3106	9	11.5	476123.74	1348120.7	0.6	U	pci/g	NA
Uranium-235/236	010572	3106	40	41.5	476123.74	1348120.7	0.6	U	pci/g	NA
Uranium-235/236	032557	2387	12	13.5	477148.47	1348972.17	0.6	U	pci/g	NA

Table 2-2
A2PIII Validated Histo[illegible] Data Below FRL

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Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium-235/236	032562	2387	20	21.5	477148.47	1348972.17	0.6	U	pci/g	NA
Uranium-235/236	032582	2386	15	16.5	477663.27	1349315	0.6	U	pci/g	NA
Uranium-235/236	032594	2386	60	61.5	477663.27	1349315	0.6	U	pci/g	NA
Uranium-235/236	032618	2390	12	13.5	476577.39	1348407.6	0.6	UJ	pci/g	NA
Uranium-235/236	032802	2390	50	51.5	476577.39	1348407.6	0.6	UJ	pci/g	NA
Uranium-235/236	032816	3387	115	116.5	477146.66	1348982.68	0.6	UJ	pci/g	NA
Uranium-235/236	121026	500318/SS-43	0	0.5	477045.59	1349219.59	0.1	UJ	pci/g	NA
Uranium-235/236	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.1	UJ	pci/g	NA
Uranium-235/236	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.1	UJ	pci/g	NA
Uranium-235/236	12S-14-B2	11372	2	2.5	478106.93	1349859.74	0.047	J	pci/g	NA
Uranium-235/236	200071	11372	0	0.17	478106.92	1349859.68	0.191	-	pci/g	NA
Uranium-235/236	200072	11372	2	2.5	478106.93	1349859.74	0.055	J	pci/g	NA
Uranium-235/236	92S-14	11372	0	0.17	478106.93	1349859.74	0.156	J	pci/g	NA
Uranium-238	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.3	J	pci/g	NA
Uranium-238	005115	ZONE 3-6	0	0.16667	477029.36	1349531.03	3.1	J	pci/g	NA
Uranium-238	005118	ZONE 3-16	0	0.16667	478029.37	1349531.01	4.7	J	pci/g	NA
Uranium-238	005517	ZONE 3-117	0	0.5	479779.37	1347781	10.2	-	pCi/g	NA
Uranium-238	007280	2049	0	1.5	477049.86	1348603.07	6.3	J	pci/g	NA
Uranium-238	007293	2049	40	41.5	477049.86	1348603.07	0.6	UJ	pci/g	NA
Uranium-238	008705	3015	7.5	9	476166.1	1348732.42	0.7	J	pci/g	NA
Uranium-238	008722	3015	55	55.8	476166.1	1348732.42	0.6	UJ	pci/g	NA
Uranium-238	008725	3015	70	71.5	476166.1	1348732.42	0.6	J	pci/g	NA
Uranium-238	008748	3069	10.5	12	476451.52	1349244.65	1	J	pci/g	NA
Uranium-238	008754	3069	19.5	21	476451.52	1349244.65	0.6	UJ	pci/g	NA
Uranium-238	008763	3069	60	61.5	476451.52	1349244.65	0.6	UJ	pci/g	NA
Uranium-238	010393	4014	65	66.5	476816.12	1348113.59	0.6	U	pci/g	NA
Uranium-238	010408	4014	140	141.5	476816.12	1348113.59	0.6	U	pci/g	NA
Uranium-238	010566	3106	9	11.5	476123.74	1348120.7	0.8	-	pci/g	NA
Uranium-238	010572	3106	40	41.5	476123.74	1348120.7	0.6	U	pci/g	NA
Uranium-238	032557	2387	12	13.5	477148.47	1348972.17	0.818	-	pci/g	NA
Uranium-238	032562	2387	20	21.5	477148.47	1348972.17	0.6	U	pci/g	NA
Uranium-238	032582	2386	15	16.5	477663.27	1349315	0.726	-	pci/g	NA
Uranium-238	032594	2386	60	61.5	477663.27	1349315	0.6	U	pci/g	NA
Uranium-238	032618	2390	12	13.5	476577.39	1348407.6	1.93	J	pci/g	NA
Uranium-238	032802	2390	50	51.5	476577.39	1348407.6	3.07	J	pci/g	NA
Uranium-238	032816	3387	115	116.5	477146.66	1348982.68	0.733	J	pci/g	NA
Uranium-238	121026	500318/SS-43	0	0.5	477045.59	1349219.59	1.3	J	pci/g	NA

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Table [illegible]
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium-238	121072	500318/SS-47	0	0.5	478001.32	1349422.67	0.3	J	pci/g	NA
Uranium-238	121075	500318/SS-46	0	0.5	477381.11	1349441.46	0.4	J	pci/g	NA
Uranium-238	12S-14-B2	11372	2	2.5	478106.93	1349859.74	0.835	J	pci/g	NA
Uranium-238	200071	11372	0	0.17	478106.92	1349859.68	2.947	J	pci/g	NA
Uranium-238	200072	11372	2	2.5	478106.93	1349859.74	1.249	-	pci/g	NA
Uranium-238	92S-14	11372	0	0.17	478106.93	1349859.74	4.077	J	pci/g	NA
Uranium-238	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	1.4	J	pci/g	NA
Uranium-238	AFP-B-C-4-R	AFP-B-4	1	1.5	477044.99	1348490	1.4	J	pci/g	NA
Uranium-238	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	1	J	pci/g	NA
Uranium-238	AFP-B-C-5-R	AFP-B-5	1	1.5	477021.52	1348521.61	1	J	pci/g	NA
Uranium-238	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	2.9	J	pci/g	NA
Uranium-238	AFP-B-C-7-R	AFP-B-7	1	1.5	477039.99	1348574	2.9	J	pci/g	NA
Uranium-238	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.72	1348477.33	148.4688	J	pci/g	NA
Uranium-238	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.4	1348488.64	22.1186	J	pci/g	NA
Vanadium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	9.5	-	mg/kg	NO
Vanadium	121018	500318/SS-45	0	0.5	476603.21	1348502.72	27.5	-	mg/kg	NO
Vanadium	121022	500318/SS-43	0	0.5	477045.59	1349219.59	16.4	-	mg/kg	NO
Vanadium	121036	500318/SS-34	0	0.5	479260.22	1347238.3	23.1	-	mg/kg	NO
Vanadium	121067	500318/SS-44	0	0.5	476846.41	1348466.28	19.5	-	mg/kg	NO
Vanadium	121070	500318/SS-47	0	0.5	478001.32	1349422.67	9.5	-	mg/kg	NO
Vanadium	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12.8	-	mg/kg	NO
Vanadium	200071	11372	0	0.17	478106.92	1349859.68	25.9	J	mg/kg	NO
Vanadium	200072	11372	2	2.5	478106.93	1349859.74	37.8	J	mg/kg	NO
Vinyl Acetate	103199	3398			476615.3	1349865	13	U	ug/kg	NA
Vinyl Acetate	104450	2166			476553.3	1349637	16	U	ug/kg	NA
Vinyl Acetate	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	UJ	ug/kg	NA
Vinyl Acetate	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NA
Vinyl Acetate	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	UJ	ug/kg	NA
Vinyl chloride	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Vinyl chloride	103199	3398			476615.3	1349865	13	U	ug/kg	NO
Vinyl chloride	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Vinyl chloride	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Vinyl chloride	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Vinyl chloride	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	U	ug/kg	NO
Vinyl chloride	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Vinyl chloride	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	U	ug/kg	NO
Vinyl chloride	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	U	ug/kg	NO

Table 2.2
A2PIII Validated Histo[illegible] Data Below FRL

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Xylenes, Total	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Xylenes, Total	103199	3398			476615.3	1349865	7	U	ug/kg	NO
Xylenes, Total	104450	2166			476553.3	1349637	16	U	ug/kg	NO
Xylenes, Total	121018	500318/SS-45	0	0.5	476603.21	1348502.72	12	U	ug/kg	NO
Xylenes, Total	121022	500318/SS-43	0	0.5	477045.59	1349219.59	12	UJ	ug/kg	NO
Xylenes, Total	121036	500318/SS-34	0	0.5	479260.22	1347238.3	12	UJ	ug/kg	NO
Xylenes, Total	121067	500318/SS-44	0	0.5	476846.41	1348466.28	11	UJ	ug/kg	NO
Xylenes, Total	121070	500318/SS-47	0	0.5	478001.32	1349422.67	13	UJ	ug/kg	NO
Xylenes, Total	121073	500318/SS-46	0	0.5	477381.11	1349441.46	12	UJ	ug/kg	NO
Zinc	121070	500318/SS-47	0	0.5	478001.32	1349422.67	40.3	-	mg/kg	NO
Zinc	121018	500318/SS-45	0	0.5	476603.21	1348502.72	55.2	J	mg/kg	NO
Zinc	121022	500318/SS-43	0	0.5	477045.59	1349219.59	63.1	-	mg/kg	NO
Zinc	121036	500318/SS-34	0	0.5	479260.22	1347238.3	55.8	U	mg/kg	NO
Zinc	121067	500318/SS-44	0	0.5	476846.41	1348466.28	42.3	J	mg/kg	NO
Zinc	121070	500318/SS-47	0	0.5	478001.32	1349422.67	40.3	-	mg/kg	NO
Zinc	121073	500318/SS-46	0	0.5	477381.11	1349441.46	52.8	-	mg/kg	NO
Zinc	200071	11372	0	0.17	478106.92	1349859.68	43.8	J	mg/kg	NO
Zinc	200072	11372	2	2.5	478106.93	1349859.74	61.6	J	mg/kg	NO

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TABLE [illegible]3
NON-VALIDATED [illegible]RICAL DATA

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Arsenic	A1PII-S1-01-01M	A1PII-S1-01-01			478323	1349668	4.4	NV	mg/kg	NO
Arsenic	A1PII-S1-01-01M-D	A1PII-S1-01-01			478323	1349668	3.7	NV	mg/kg	NO
Arsenic	A1PII-S1-01-02M	A1PII-S1-01-02	0	0.5	478250	1349726	2.2	NV	mg/kg	NO
Arsenic	A1PII-S1-01-02M	A1PII-S1-01-02			478250	1349726	2.2	NV	mg/kg	NO
Arsenic	A1PII-S1-01-04M	A1PII-S1-01-04	0	0.5	478251	1349842	4.9	NV	mg/kg	NO
Arsenic	A1PII-S1-01-04M	A1PII-S1-01-04			478251	1349842	4.9	NV	mg/kg	NO
Arsenic	A1PII-S1-01-06M	A1PII-S1-01-06	0	0.5	478180	1349913	6.5	NV	mg/kg	NO
Arsenic	A1PII-S1-01-06M	A1PII-S1-01-06			478180	1349913	6.5	NV	mg/kg	NO
Arsenic	A1PII-S1-01-07M	A1PII-S1-01-07			478518	1349666	3.6	NV	mg/kg	NO
Arsenic	A1PII-S1-01-13M	A1PII-S1-01-13			478242	1349658	6.6	NV	mg/kg	NO
Arsenic	A1PII-S1-01-13M	A1PII-S1-01-13	0	0.5	478242	1349658	6.6	NV	mg/kg	NO
Arsenic	A1PII-S1-01-13M	A1PII-S1-01-13			478242	1349658	6.6	NV	mg/kg	NO
Cesium-137	008990	3049	95	96.5	477050.571	1348592.45	0.2	UNV	pci/g	NO
Cesium-137	SL-25-013	CIS_SYSGEN_5	0.17	0.5	477019.719	1348477.33	1.2	UNV	pci/g	NO
Cesium-137	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.719	1348477.33	1.3	UNV	pci/g	NO
Cesium-137	SL-25-017	CIS_SYSGEN_7	0.5	1	477033.069	1348464.69	0.8	UNV	pci/g	NO
Cesium-137	SL-25-019	CIS_SYSGEN_4	0.16	0.5	477013.559	1348483.16	1	UNV	pci/g	NO
Cesium-137	SL-25-020	CIS_SYSGEN_4	0.5	1	477013.559	1348483.16	0.6	UNV	pci/g	NO
Cesium-137	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.399	1348488.64	0.67015	NV	pci/g	NO
Cesium-137	SS-25-012	CIS_SYSGEN_5	0	0.17	477019.719	1348477.33	0.4	UNV	pci/g	NO
Cesium-137	SS-25-015	CIS_SYSGEN_7	0	0.16	477033.069	1348464.69	0.6	UNV	pci/g	NO
Cesium-137	SS-25-018	CIS_SYSGEN_4	0	0.18	477013.559	1348483.16	0.4	NV	pci/g	NO
Cesium-137	SS-25-021	CIS_SYSGEN_3	0.5	1	476994.399	1348488.64	0.3	UNV	pci/g	NO
Gross Alpha	121072	500318/SS-47	0	0.5	478001.32	1349422.67	15.4	NV	pci/g	NA
Gross Alpha	121026	500318/SS-43	0	0.5	477045.588	1349219.59	13	NV	pci/g	NA
Gross Alpha	121041	500318/SS-34	0	0.5	479260.215	1347238.3	27.9	NV	pCi/g	NA
Gross Alpha	121072	500318/SS-47	0	0.5	478001.32	1349422.67	15.4	NV	pci/g	NA
Gross Alpha	121075	500318/SS-46	0	0.5	477381.114	1349441.46	5.1	NV	pci/g	NA
Gross Alpha	200071	11372	0	0.17	478106.921	1349859.68	12	NV	pci/g	NA
Gross Alpha	200072	11372	2	2.5	478106.929	1349859.74	6.6	UNV	pci/g	NA
Gross Beta	121072	500318/SS-47	0	0.5	478001.32	1349422.67	31.8	NV	pci/g	NA
Gross Beta	121026	500318/SS-43	0	0.5	477045.588	1349219.59	26.8	NV	pci/g	NA
Gross Beta	121041	500318/SS-34	0	0.5	479260.215	1347238.3	52.1	NV	pCi/g	NA
Gross Beta	121072	500318/SS-47	0	0.5	478001.32	1349422.67	31.8	NV	pci/g	NA
Gross Beta	121075	500318/SS-46	0	0.5	477381.114	1349441.46	32.2	NV	pci/g	NA
Gross Beta	200071	11372	0	0.17	478106.921	1349859.68	17	UNV	pci/g	NA
Gross Beta	200072	11372	2	2.5	478106.929	1349859.74	14	NV	pci/g	NA

TABLE 2.3
NON-VALIDATED HISTORICAL DATA

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Neptunium-237	008990	3049	95	96.5	477050.571	1348592.45	0.6	UNV	pci/g	NO
Neptunium-237	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.719	1348477.33	0.2	UNV	pci/g	NO
Plutonium-238	008990	3049	95	96.5	477050.571	1348592.45	0.6	UNV	pci/g	NO
Plutonium-239/240	008990	3049	95	96.5	477050.571	1348592.45	0.6	UNV	pci/g	NO
Radium-226	008990	3049	95	96.5	477050.571	1348592.45	0.4	NV	pci/g	NO
Radium-226	SL-25-013	CIS_SYSGEN_5	0.17	0.5	477019.719	1348477.33	10.8	NV	pci/g	YES
Radium-226	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.719	1348477.33	10.7	NV	pci/g	YES
Radium-226	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.069	1348464.69	7.9	NV	pci/g	YES
Radium-226	SL-25-017	CIS_SYSGEN_7	0.5	1	477033.069	1348464.69	5.8	NV	pci/g	YES
Radium-226	SL-25-019	CIS_SYSGEN_4	0.16	0.5	477013.559	1348483.16	3.5	NV	pci/g	YES
Radium-226	SL-25-020	CIS_SYSGEN_4	0.5	1	477013.559	1348483.16	0.8	NV	pci/g	NO
Radium-226	SL-25-022	CIS_SYSGEN_3	0.17	0.5	476994.399	1348488.64	2.9	NV	pci/g	YES
Radium-226	SS-25-012	CIS_SYSGEN_5	0	0.17	477019.719	1348477.33	10.2	NV	pci/g	YES
Radium-226	SS-25-015	CIS_SYSGEN_7	0	0.16	477033.069	1348464.69	6.6	NV	pci/g	YES
Radium-226	SS-25-018	CIS_SYSGEN_4	0	0.18	477013.559	1348483.16	3.1	NV	pci/g	YES
Radium-226	SS-25-021	CIS_SYSGEN_3	0.5	1	476994.399	1348488.64	2.3	NV	pci/g	YES
Radium-228	008990	3049	95	96.5	477050.571	1348592.45	0.5	UNV	pci/g	NO
Ruthenium-106	008990	3049	95	96.5	477050.571	1348592.45	1	UNV	pci/g	NA
Ruthenium-106	SL-25-013	CIS_SYSGEN_5	0.17	0.5	477019.719	1348477.33	4.5	UNV	pci/g	NA
Ruthenium-106	SL-25-014	CIS_SYSGEN_5	0.5	1	477019.719	1348477.33	10.2	UNV	pci/g	NA
Ruthenium-106	SL-25-017	CIS_SYSGEN_7	0.5	1	477033.069	1348464.69	7.4	UNV	pci/g	NA
Ruthenium-106	SL-25-019	CIS_SYSGEN_4	0.16	0.5	477013.559	1348483.16	7.8	UNV	pci/g	NA
Ruthenium-106	SL-25-020	CIS_SYSGEN_4	0.5	1	477013.559	1348483.16	4.9	UNV	pci/g	NA
Ruthenium-106	SS-25-012	CIS_SYSGEN_5	0	0.17	477019.719	1348477.33	4.8	UNV	pci/g	NA
Ruthenium-106	SS-25-015	CIS_SYSGEN_7	0	0.16	477033.069	1348464.69	10.2	UNV	pci/g	NA
Ruthenium-106	SS-25-018	CIS_SYSGEN_4	0	0.18	477013.559	1348483.16	5.2	UNV	pci/g	NA
Ruthenium-106	SS-25-021	CIS_SYSGEN_3	0.5	1	476994.399	1348488.64	1	UNV	pci/g	NA
Strontium-90	008990	3049	95	96.5	477050.571	1348592.45	0.5	UNV	pci/g	NO
Technetium-99	008990	3049	95	96.5	477050.571	1348592.45	1	UNV	pci/g	NO
Thorium, Total	32960	2397			478300.02	1349526.06	18	UNV	mg/kg	NA
Thorium, Total	032891	3390			476570	1348411	18	UNV	mg/kg	NA
Thorium, Total	032960	2397			478300.02	1349526.06	18	UNV	mg/kg	NA
Thorium-228	000281	1538	0	0.5	476229.334	1347809.04	0.28	NV	pci/g	NO
Thorium-228	008990	3049	95	96.5	477050.571	1348592.45	0.6	UNV	pci/g	NO
Thorium-230	000281	1538	0	0.5	476229.334	1347809.04	0.63	NV	pci/g	NO
Thorium-230	008990	3049	95	96.5	477050.571	1348592.45	0.6	UNV	pci/g	NO
Thorium-230	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.069	1348464.69	52.2324	NV	pci/g	NO

TABLE 6.3
NON-VALIDATED HISTORICAL DATA

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Thorium-232	000281	1538	0	0.5	476229.334	1347809.04	0.18	NV	pci/g	NO
Thorium-232	008990	3049	95	96.5	477050.571	1348592.45	0.6	UNV	pci/g	NO
Thorium-232	SL-25-013	CIS_SYSGEN_5	0.17	0.5	477019.719	1348477.33	5.5	UNV	pci/g	YES
Thorium-232	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.069	1348464.69	6	UNV	pci/g	YES
Thorium-232	SL-25-017	CIS_SYSGEN_7	0.5	1	477033.069	1348464.69	0.3	UNV	pci/g	NO
Thorium-232	SL-25-019	CIS_SYSGEN_4	0.16	0.5	477013.559	1348483.16	0.2	UNV	pci/g	NO
Thorium-232	SL-25-020	CIS_SYSGEN_4	0.5	1	477013.559	1348483.16	0.5	NV	pci/g	NO
Thorium-232	SS-25-012	CIS_SYSGEN_5	0	0.17	477019.719	1348477.33	1.6	NV	pci/g	YES
Thorium-232	SS-25-015	CIS_SYSGEN_7	0	0.16	477033.069	1348464.69	5.3	UNV	pci/g	YES
Thorium-232	SS-25-018	CIS_SYSGEN_4	0	0.18	477013.559	1348483.16	4.7	UNV	pci/g	YES
Thorium-232	SS-25-021	CIS_SYSGEN_3	0.5	1	476994.399	1348488.64	0.7	NV	pci/g	NO
Total Organic Carbon	200072	11372	2	2.5	478106.929	1349859.74	1740	NV	mg/kg	NA
Uranium, Total	32960	2397			478300.02	1349526.06	11	UNV	mg/kg	NO
Uranium, Total	008990	3049	95	96.5	477050.571	1348592.45	1.799127	UNV	mg/kg	NO
Uranium, Total	032891	3390			476570	1348411	11	UNV	mg/kg	NO
Uranium, Total	032960	2397			478300.02	1349526.06	11	UNV	mg/kg	NO
Uranium, Total	103200	3398			476615.3	1349865	11	UNV	mg/kg	NO
Uranium, Total	104451	2166			476553.3	1349637	11	UNV	mg/kg	NO
Uranium, Total	12S-14-B2	11372	2	2.5	478106.929	1349859.74	3.9	NV	mg/kg	NO
Uranium, Total	200071D	11372	0	0.17	478106.929	1349859.74	13	NV	mg/kg	NO
Uranium, Total	200072	11372	2	2.5	478106.929	1349859.74	6.3	NV	mg/kg	NO
Uranium, Total	200072D	11372	2	2.5	478106.929	1349859.74	5.5	NV	mg/kg	NO
Uranium, Total	200073	11372	0	0.5	478106.929	1349859.74	14.6	NV	mg/kg	NO
Uranium, Total	200076	11372	0.5	1	478106.929	1349859.74	6.6	NV	mg/kg	NO
Uranium, Total	200078	11372	1	1.5	478106.929	1349859.74	5.5	NV	mg/kg	NO
Uranium, Total	200080	11372	1.5	2	478106.929	1349859.74	5.3	NV	mg/kg	NO
Uranium, Total	200126186	31550			477018.5	1348980	5	NV	mg/kg	NO
Uranium, Total	200126189	31550			477018.5	1348980	4	NV	mg/kg	NO
Uranium, Total	200126192	31550			477018.5	1348980	4	NV	mg/kg	NO
Uranium, Total	200126195	31550			477018.5	1348980	29	NV	mg/kg	NO
Uranium, Total	200126198	31550			477018.5	1348980	9.5	NV	mg/kg	NO
Uranium, Total	200126200	31550			477018.5	1348980	6	NV	mg/kg	NO
Uranium, Total	200126202	31550			477018.5	1348980	6.1	NV	mg/kg	NO
Uranium, Total	200126204	31550			477018.5	1348980	5.5	NV	mg/kg	NO
Uranium, Total	200126206	31550			477018.5	1348980	20	NV	mg/kg	NO
Uranium, Total	200126208	31550			477018.5	1348980	5.9	NV	mg/kg	NO
Uranium, Total	200126210	31550			477018.5	1348980	6.3	NV	mg/kg	NO

TABLE 2-3
NON-VALIDATED HISTORICAL DATA

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium, Total	200126212	31550			477018.5	1348980	3.7	NV	mg/kg	NO
Uranium, Total	200126213	31550			477018.5	1348980	3.8	NV	mg/kg	NO
Uranium, Total	200126485	31554			476992.885	1348938.71	4	NV	mg/kg	NO
Uranium, Total	200126490	31554			476992.885	1348938.71	7	NV	mg/kg	NO
Uranium, Total	200126492	31554			476992.885	1348938.71	4	NV	mg/kg	NO
Uranium, Total	200126494	31554			476992.885	1348938.71	5.5	NV	mg/kg	NO
Uranium, Total	200126496	31554			476992.885	1348938.71	3.6	NV	mg/kg	NO
Uranium, Total	200126503	31554			476992.885	1348938.71	3.9	NV	mg/kg	NO
Uranium, Total	200126505	31554			476992.885	1348938.71	1.9	NV	mg/kg	NO
Uranium, Total	200126508	31554			476992.885	1348938.71	0.8	NV	mg/kg	NO
Uranium, Total	200126510	31554			476992.885	1348938.71	2.2	NV	mg/kg	NO
Uranium, Total	200126512	31554			476992.885	1348938.71	3	NV	mg/kg	NO
Uranium, Total	200126514	31554			476992.885	1348938.71	4	NV	mg/kg	NO
Uranium, Total	200126515	31554			476992.885	1348938.71	4	NV	mg/kg	NO
Uranium, Total	200126523	31554			476992.885	1348938.71	5	NV	mg/kg	NO
Uranium, Total	200126525	31554			476992.885	1348938.71	4	NV	mg/kg	NO
Uranium, Total	200126527	31554			476992.885	1348938.71	4	NV	mg/kg	NO
Uranium, Total	200126529	31555			476976.002	1349002.48	6.7	NV	mg/kg	NO
Uranium, Total	200126531	31556			476936.975	1349031.77	4.2	NV	mg/kg	NO
Uranium, Total	200126535	31556			476936.975	1349031.77	4	NV	mg/kg	NO
Uranium, Total	200126537	31556			476936.975	1349031.77	2.8	NV	mg/kg	NO
Uranium, Total	200126539	31556			476936.975	1349031.77	5.9	NV	mg/kg	NO
Uranium, Total	200126541	31556			476936.975	1349031.77	2.7	NV	mg/kg	NO
Uranium, Total	200126543	31556			476936.975	1349031.77	5	NV	mg/kg	NO
Uranium, Total	200126545	31556			476936.975	1349031.77	3	NV	mg/kg	NO
Uranium, Total	200126546	31556			476936.975	1349031.77	4	NV	mg/kg	NO
Uranium, Total	200126553	31556			476936.975	1349031.77	5	NV	mg/kg	NO
Uranium, Total	200126555	31556			476936.975	1349031.77	6	NV	mg/kg	NO
Uranium, Total	200126558	31556			476936.975	1349031.77	4	NV	mg/kg	NO
Uranium, Total	200126560	31556			476936.975	1349031.77	5	NV	mg/kg	NO
Uranium, Total	200126562	31556			476936.975	1349031.77	4	NV	mg/kg	NO
Uranium, Total	200126564	31556			476936.975	1349031.77	5	NV	mg/kg	NO
Uranium, Total	200126566	31556			476936.975	1349031.77	4	NV	mg/kg	NO
Uranium, Total	200126568	31556			476936.975	1349031.77	3	NV	mg/kg	NO
Uranium, Total	200126570	31553	61.5	62	477089.236	1349111.21	7	NV	mg/kg	NO
Uranium, Total	200126572	31553	66.5	67	477089.236	1349111.21	7	NV	mg/kg	NO
Uranium, Total	200126574	31553	76.5	77	477089.236	1349111.21	7	NV	mg/kg	NO

TABLE 2.3
NON-VALIDATED HISTORICAL DATA

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium, Total	200126576	31553			477089.236	1349111.21	3.1	NV	mg/kg	NO
Uranium, Total	200126584	31553			477089.236	1349111.21	3.1	NV	mg/kg	NO
Uranium, Total	200126586	31553			477089.236	1349111.21	3.4	NV	mg/kg	NO
Uranium, Total	200126589	31553			477089.236	1349111.21	4.2	NV	mg/kg	NO
Uranium, Total	200126591	31553			477089.236	1349111.21	3	NV	mg/kg	NO
Uranium, Total	200126593	31553			477089.236	1349111.21	3.7	NV	mg/kg	NO
Uranium, Total	200126595	31553			477089.236	1349111.21	2.7	NV	mg/kg	NO
Uranium, Total	200126596	31553			477089.236	1349111.21	3.4	NV	mg/kg	NO
Uranium, Total	200126603	31553			477089.236	1349111.21	2.2	NV	mg/kg	NO
Uranium, Total	200126605	31553			477089.236	1349111.21	2.5	NV	mg/kg	NO
Uranium, Total	200126608	31553			477089.236	1349111.21	3.1	NV	mg/kg	NO
Uranium, Total	200126610	31553			477089.236	1349111.21	4.4	NV	mg/kg	NO
Uranium, Total	200127651	31550			477018.5	1348980	4.9	NV	mg/kg	NO
Uranium, Total	200161893	31560			477403.1	1349029	4.5	NV	mg/kg	NO
Uranium, Total	200161895	31560			477403.1	1349029	4	NV	mg/kg	NO
Uranium, Total	200161902	31560			477403.1	1349029	4.4	NV	mg/kg	NO
Uranium, Total	200161914	31560			477403.1	1349029	2.8	NV	mg/kg	NO
Uranium, Total	200161916	31560			477403.1	1349029	4	NV	mg/kg	NO
Uranium, Total	200161918	31560			477403.1	1349029	3	NV	mg/kg	NO
Uranium, Total	200161920	31560			477403.1	1349029	3	NV	mg/kg	NO
Uranium, Total	200161922	31560			477403.1	1349029	5	NV	mg/kg	NO
Uranium, Total	200161924	31560			477403.1	1349029	3	NV	mg/kg	NO
Uranium, Total	200161926	31560			477403.1	1349029	2	NV	mg/kg	NO
Uranium, Total	200161928	31560			477403.1	1349029	3	NV	mg/kg	NO
Uranium, Total	200161930	31560			477403.1	1349029	3	NV	mg/kg	NO
Uranium, Total	200161932	31560			477403.1	1349029	3	NV	mg/kg	NO
Uranium, Total	200161959	31561			477660.8	1349255	1	NV	mg/kg	NO
Uranium, Total	200161961	31561			477660.8	1349255	1	NV	mg/kg	NO
Uranium, Total	200161963	31561			477660.8	1349255	1	UNV	mg/kg	NO
Uranium, Total	200161965	31561			477660.8	1349255	3	NV	mg/kg	NO
Uranium, Total	200161967	31561			477660.8	1349255	3	NV	mg/kg	NO
Uranium, Total	200161969	31561			477660.8	1349255	1	UNV	mg/kg	NO
Uranium, Total	200161971	31561			477660.8	1349255	1	NV	mg/kg	NO
Uranium, Total	200161973	31561			477660.8	1349255	1	UNV	mg/kg	NO
Uranium, Total	200161975	31561			477660.8	1349255	1	UNV	mg/kg	NO
Uranium, Total	200161977	31561			477660.8	1349255	1	UNV	mg/kg	NO
Uranium, Total	200161979	31561			477660.8	1349255	1	UNV	mg/kg	NO

TABLE 2.3
NON-VALIDATED HISTORICAL DATA

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium, Total	200161981	31561			477660.8	1349255	2	NV	mg/kg	NO
Uranium, Total	200161983	31561			477660.8	1349255	1	UNV	mg/kg	NO
Uranium, Total	405727	31561			477660.8	1349255	1	UNV	mg/kg	NO
Uranium, Total	405737	31562			477953.1	1349500	6	NV	mg/kg	NO
Uranium, Total	405739	31562			477953.1	1349500	7	NV	mg/kg	NO
Uranium, Total	405747	31562			477953.1	1349500	3	NV	mg/kg	NO
Uranium, Total	405753	31562			477953.1	1349500	3	NV	mg/kg	NO
Uranium, Total	405758	31562			477953.1	1349500	2	NV	mg/kg	NO
Uranium, Total	405759	31562			477953.1	1349500	1	NV	mg/kg	NO
Uranium, Total	405760	31562			477953.1	1349500	3	NV	mg/kg	NO
Uranium, Total	405767	31562			477953.1	1349500	25	NV	mg/kg	NO
Uranium, Total	405768	31562			477953.1	1349500	1	NV	mg/kg	NO
Uranium, Total	405772	31562			477953.1	1349500	1	NV	mg/kg	NO
Uranium, Total	405774	31562			477953.1	1349500	1	UNV	mg/kg	NO
Uranium, Total	405776	31562			477953.1	1349500	3	NV	mg/kg	NO
Uranium, Total	405778	31562			477953.1	1349500	1	UNV	mg/kg	NO
Uranium, Total	405780	31562			477953.1	1349500	1	UNV	mg/kg	NO
Uranium, Total	405900	31561			477660.8	1349255	1	UNV	mg/kg	NO
Uranium, Total	92S-14	11372	0	0.17	478106.929	1349859.74	9	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0722	11237	0	0.5	476350.189	1348964.47	7	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0724	11237	1	1.5	476350.189	1348964.47	7	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0727	11237	2.5	3	476350.189	1348964.47	5	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0733	11237	6	6.5	476350.189	1348964.47	5	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0738	11237	9	9.5	476350.189	1348964.47	7	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0744	11237	12	12.5	476350.189	1348964.47	6	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0750	11237	15.5	16	476350.189	1348964.47	5	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0751	11236	0	0.5	476293.307	1348907.73	9	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0752	11236	0.5	1	476293.307	1348907.73	7	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0755	11236	2.5	3	476293.307	1348907.73	5	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0762	11236	6	6.5	476293.307	1348907.73	7	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0766	11236	9	9.5	476293.307	1348907.73	6	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0771	11236	12	12.5	476293.307	1348907.73	5	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0779	11236	16	16.5	476293.307	1348907.73	1	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0782	11236	17.5	18	476293.307	1348907.73	1	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0783	11239	0	0.5	476646.629	1348775.83	2	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0787	11239	2.5	3	476646.629	1348775.83	4	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0794	11239	6	6.5	476646.629	1348775.83	3	NV	mg/kg	NO

TABLE 8-3
NON-VALIDATED [illegible]RICAL DATA

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium, Total	93.50.03.25-0801	11239	12	12.5	476646.629	1348775.83	3	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0808	11239	15.5	16	476646.629	1348775.83	3	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0812	11235	0	0.5	476370.677	1348798.69	1	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0816	11235	2.5	3	476370.677	1348798.69	1	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0823	11235	6	6.5	476370.677	1348798.69	1	UNV	mg/kg	NO
Uranium, Total	93.50.03.25-0828	11235	9	9.5	476370.677	1348798.69	1	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0834	11235	12	12.5	476370.677	1348798.69	1	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0839	11235	16	16.5	476370.677	1348798.69	1	UNV	mg/kg	NO
Uranium, Total	93.50.03.25-0844	11238	0	0.5	476463.889	1348915.32	6	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0846	11238	1	1.5	476463.889	1348915.32	7	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0849	11238	2.5	3	476463.889	1348915.32	6	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0855	11238	6	6.5	476463.889	1348915.32	4	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0861	11238	9	9.5	476463.889	1348915.32	8	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0873	SP-1-B	0	0.5	476253.853	1348592.36	9	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0874	SP-2-B	0	0.5	476296.424	1348661.42	4	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0875	SP-3-B	0	0.5	476783.149	1348627.31	5	NV	mg/kg	NO
Uranium, Total	93.50.03.25-0879	SP-4-B	0	0.5	476763.149	1348612.28	5	NV	mg/kg	NO
Uranium, Total	LIT88091	LIT8924	0	5	477056.351	1348632.03	23.27042	NV	mg/kg	NO
Uranium, Total	SL-25-013	CIS_SYSGEN_5	0.17	0.5	477019.719	1348477.33	20.3901	UNV	mg/kg	NO
Uranium, Total	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.069	1348464.69	55.98722	NV	mg/kg	YES
Uranium, Total	SL-25-017	CIS_SYSGEN_7	0.5	1	477033.069	1348464.69	88.45706	UNV	mg/kg	YES
Uranium, Total	SL-25-019	CIS_SYSGEN_4	0.16	0.5	477013.559	1348483.16	21.88937	NV	mg/kg	NO
Uranium, Total	SL-25-020	CIS_SYSGEN_4	0.5	1	477013.559	1348483.16	22.78894	NV	mg/kg	NO
Uranium, Total	SS2223	LIT8924	0	0.167	477056.351	1348632.03	32.44199	NV	mg/kg	NO
Uranium, Total	SS-25-012	CIS_SYSGEN_5	0	0.17	477019.719	1348477.33	28.48617	NV	mg/kg	NO
Uranium, Total	SS-25-015	CIS_SYSGEN_7	0	0.16	477033.069	1348464.69	17.99127	NV	mg/kg	NO
Uranium, Total	SS-25-018	CIS_SYSGEN_4	0	0.18	477013.559	1348483.16	27.28675	NV	mg/kg	NO
Uranium, Total	SS-25-021	CIS_SYSGEN_3	0.5	1	476994.399	1348488.64	50.37555	NV	mg/kg	YES
Uranium-234	008990	3049	95	96.5	477050.571	1348592.45	0.6	UNV	pci/g	NA
Uranium-234	12S-14-B2	11372	2	2.5	478106.929	1349859.74	0.758	NV	pci/g	NA
Uranium-234	12S-14-B2	11372	2	2.5	478106.929	1349859.74	1.4	NV	pci/g	NA
Uranium-234	12S-14-B2	11372	2	2.5	478106.929	1349859.74	12.4	NV	pci/g	NA
Uranium-234	200071D	11372	0	0.17	478106.929	1349859.74	5.4	NV	pci/g	NA
Uranium-234	200072	11372	2	2.5	478106.929	1349859.74	3.12	UNV	pci/g	NA
Uranium-234	200072D	11372	2	2.5	478106.929	1349859.74	3.12	UNV	pci/g	NA
Uranium-234	200073	11372	0	0.5	478106.929	1349859.74	3.12	UNV	pci/g	NA
Uranium-234	200076	11372	0.5	1	478106.929	1349859.74	3.12	UNV	pci/g	NA

TABLE 6.3
NON-VALIDATED HISTORICAL DATA

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium-234	200078	11372	1	1.5	478106.929	1349859.74	3.12	UNV	pci/g	NA
Uranium-234	200080	11372	1.5	2	478106.929	1349859.74	3.12	UNV	pci/g	NA
Uranium-234	92S-14	11372	0	0.17	478106.929	1349859.74	3	NV	pci/g	NA
Uranium-234	LIT88090	LIT8924	0	5	477056.351	1348632.03	7.5	NV	pci/g	NA
Uranium-234	LIT88091	LIT8924	0	5	477056.351	1348632.03	7.74	NV	pci/g	NA
Uranium-234	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.069	1348464.69	16.78	NV	pci/g	NA
Uranium-234	SS2223	LIT8924	0	0.167	477056.351	1348632.03	11.36402	NV	pci/g	NA
Uranium-235	12S-14-B2	11372	2	2.5	478106.929	1349859.74	0.072	NV	pci/g	NA
Uranium-235	200071	11372	0	0.17	478106.921	1349859.68	0.24	NV	pci/g	NA
Uranium-235	200071D	11372	0	0.17	478106.929	1349859.74	0.2	NV	pci/g	NA
Uranium-235	200072	11372	2	2.5	478106.929	1349859.74	0.11	NV	pci/g	NA
Uranium-235	200072D	11372	2	2.5	478106.929	1349859.74	0.1	NV	pci/g	NA
Uranium-235	200073	11372	0	0.5	478106.929	1349859.74	0.12	NV	pci/g	NA
Uranium-235	200076	11372	0.5	1	478106.929	1349859.74	0.11	NV	pci/g	NA
Uranium-235	200078	11372	1	1.5	478106.929	1349859.74	0.08	NV	pci/g	NA
Uranium-235	200080	11372	1.5	2	478106.929	1349859.74	0.08	NV	pci/g	NA
Uranium-235	92S-14	11372	0	0.17	478106.929	1349859.74	0.14	NV	pci/g	NA
Uranium-235	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.069	1348464.69	0.783	NV	pci/g	NA
Uranium-235	SS2223	LIT8924	0	0.167	477056.351	1348632.03	0.562684	NV	pci/g	NA
Uranium-235/236	008990	3049	95	96.5	477050.571	1348592.45	0.6	UNV	pci/g	NA
Uranium-235/236	12S-14-B2	11372	2	2.5	478106.929	1349859.74	0.102	UNV	pci/g	NA
Uranium-235/236	LIT88090	LIT8924	0	5	477056.351	1348632.03	0.37	NV	pci/g	NA
Uranium-235/236	LIT88091	LIT8924	0	5	477056.351	1348632.03	0.44	NV	pci/g	NA
Uranium-236	12S-14-B2	11372	2	2.5	478106.929	1349859.74	0.054	NV	pci/g	NA
Uranium-236	200071	11372	0	0.17	478106.921	1349859.68	0.093	NV	pci/g	NA
Uranium-236	200071D	11372	0	0.17	478106.929	1349859.74	0.07	NV	pci/g	NA
Uranium-236	200072	11372	2	2.5	478106.929	1349859.74	0.03	UNV	pci/g	NA
Uranium-236	200072D	11372	2	2.5	478106.929	1349859.74	0.032	UNV	pci/g	NA
Uranium-236	200073	11372	0	0.5	478106.929	1349859.74	0.03	UNV	pci/g	NA
Uranium-236	200076	11372	0.5	1	478106.929	1349859.74	0.05	NV	pci/g	NA
Uranium-236	200078	11372	1	1.5	478106.929	1349859.74	0.03	UNV	pci/g	NA
Uranium-236	200080	11372	1.5	2	478106.929	1349859.74	0.03	UNV	pci/g	NA
Uranium-236	92S-14	11372	0	0.17	478106.929	1349859.74	0.043	NV	pci/g	NA
Uranium-238	008990	3049	95	96.5	477050.571	1348592.45	0.6	UNV	pci/g	NA
Uranium-238	12S-14-B2	11372	2	2.5	478106.929	1349859.74	0.767	NV	pci/g	NA
Uranium-238	12S-14-B2	11372	2	2.5	478106.929	1349859.74	1.3	NV	pci/g	NA
Uranium-238	12S-14-B2	11372	2	2.5	478106.929	1349859.74	12	UNV	pci/g	NA

TABLE 3
NON-VALIDATED HISTORICAL DATA

Parameter	Sample ID	Location ID	Top Depth	Bottom Depth	Northing	Easting	Result	Qualifier	Units	Greater than FRL
Uranium-238	200071D	11372	0	0.17	478106.929	1349859.74	4.37	NV	pci/g	NA
Uranium-238	200072	11372	2	2.5	478106.929	1349859.74	2.12	NV	pci/g	NA
Uranium-238	200072D	11372	2	2.5	478106.929	1349859.74	1.83	NV	pci/g	NA
Uranium-238	200073	11372	0	0.5	478106.929	1349859.74	4.91	NV	pci/g	NA
Uranium-238	200076	11372	0.5	1	478106.929	1349859.74	2.22	NV	pci/g	NA
Uranium-238	200078	11372	1	1.5	478106.929	1349859.74	1.85	NV	pci/g	NA
Uranium-238	200080	11372	1.5	2	478106.929	1349859.74	1.78	NV	pci/g	NA
Uranium-238	92S-14	11372	0	0.17	478106.929	1349859.74	3	NV	pci/g	NA
Uranium-238	AFP-B-P2-2-R	AFP-B-P-2	0.5	1	477051.81	1348454.63	0.441	NV	pci/g	NA
Uranium-238	AFP-B-P2-2-R	AFP-B-P-2	0.5	1	477051.81	1348454.63	0.441	NV	pci/g	NA
Uranium-238	AFP-B-P3-2-R	AFP-B-P-2	1	1.5	477051.81	1348454.63	0.394	NV	pci/g	NA
Uranium-238	AFP-B-P3-2-R	AFP-B-P-2	1	1.5	477051.81	1348454.63	0.394	NV	pci/g	NA
Uranium-238	AFP-B-P4-2-R	AFP-B-P-2	1.5	2	477051.81	1348454.63	0.366	NV	pci/g	NA
Uranium-238	AFP-B-P4-2-R	AFP-B-P-2	1.5	2	477051.81	1348454.63	0.366	NV	pci/g	NA
Uranium-238	AFP-B-P5-2-R	AFP-B-P-2	2	2.5	477051.81	1348454.63	0.481	NV	pci/g	NA
Uranium-238	AFP-B-P5-2-R	AFP-B-P-2	2	2.5	477051.81	1348454.63	0.481	NV	pci/g	NA
Uranium-238	LIT88090	LIT8924	0	5	477056.351	1348632.03	7.4	NV	pci/g	NA
Uranium-238	LIT88091	LIT8924	0	5	477056.351	1348632.03	7.75	NV	pci/g	NA
Uranium-238	SL-25-013	CIS_SYSGEN_5	0.17	0.5	477019.719	1348477.33	6.8	UNV	pci/g	NA
Uranium-238	SL-25-016	CIS_SYSGEN_7	0.17	0.5	477033.069	1348464.69	18.689	NV	pci/g	NA
Uranium-238	SL-25-017	CIS_SYSGEN_7	0.5	1	477033.069	1348464.69	29.5	UNV	pci/g	NA
Uranium-238	SL-25-019	CIS_SYSGEN_4	0.16	0.5	477013.559	1348483.16	7.3	NV	pci/g	NA
Uranium-238	SL-25-020	CIS_SYSGEN_4	0.5	1	477013.559	1348483.16	7.6	NV	pci/g	NA
Uranium-238	SS2223	LIT8924	0	0.167	477056.351	1348632.03	10.81236	NV	pci/g	NA
Uranium-238	SS-25-012	CIS_SYSGEN_5	0	0.17	477019.719	1348477.33	9.5	NV	pci/g	NA
Uranium-238	SS-25-015	CIS_SYSGEN_7	0	0.16	477033.069	1348464.69	6	NV	pci/g	NA
Uranium-238	SS-25-018	CIS_SYSGEN_4	0	0.18	477013.559	1348483.16	9.1	NV	pci/g	NA
Uranium-238	SS-25-021	CIS_SYSGEN_3	0.5	1	476994.399	1348488.64	16.8	NV	pci/g	NA

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TABLE 3-1
ASCOC LIST FOR A2P3 OPEN FIELD AND STOCKPILE CUs

ASCOC	FRL	Reason Retained
Total Uranium	82 mg/Kg	Retained as a primary ASCOC sitewide
Radium-226	1.7 pCi/g	Retained as a primary ASCOC sitewide
Radium-228	1.8 pCi/g	Retained as a primary ASCOC sitewide
Thorium-228	1.7 pCi/g	Retained as a primary ASCOC sitewide
Thorium-232	1.5 pCi/g	Retained as a primary ASCOC sitewide

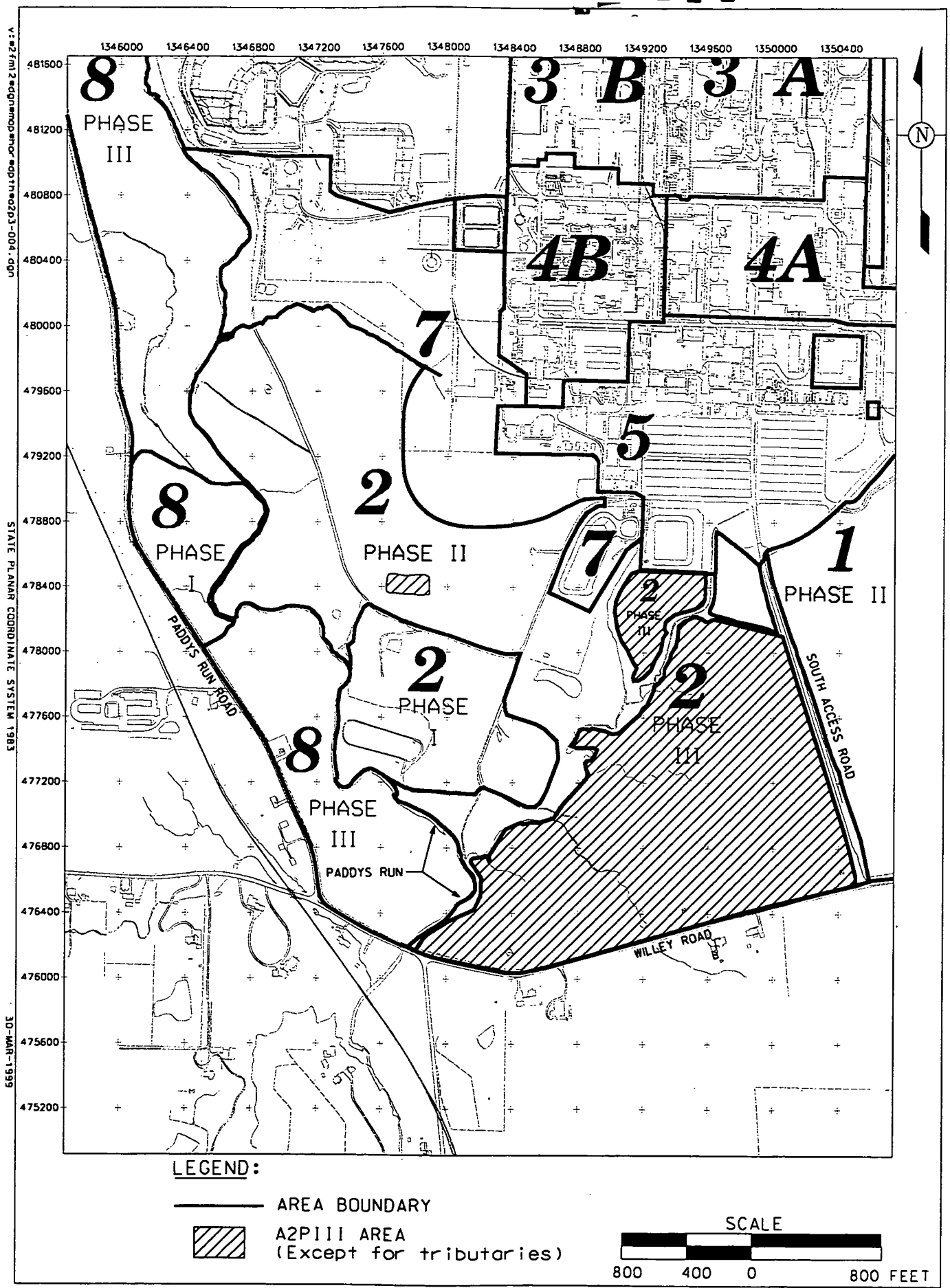
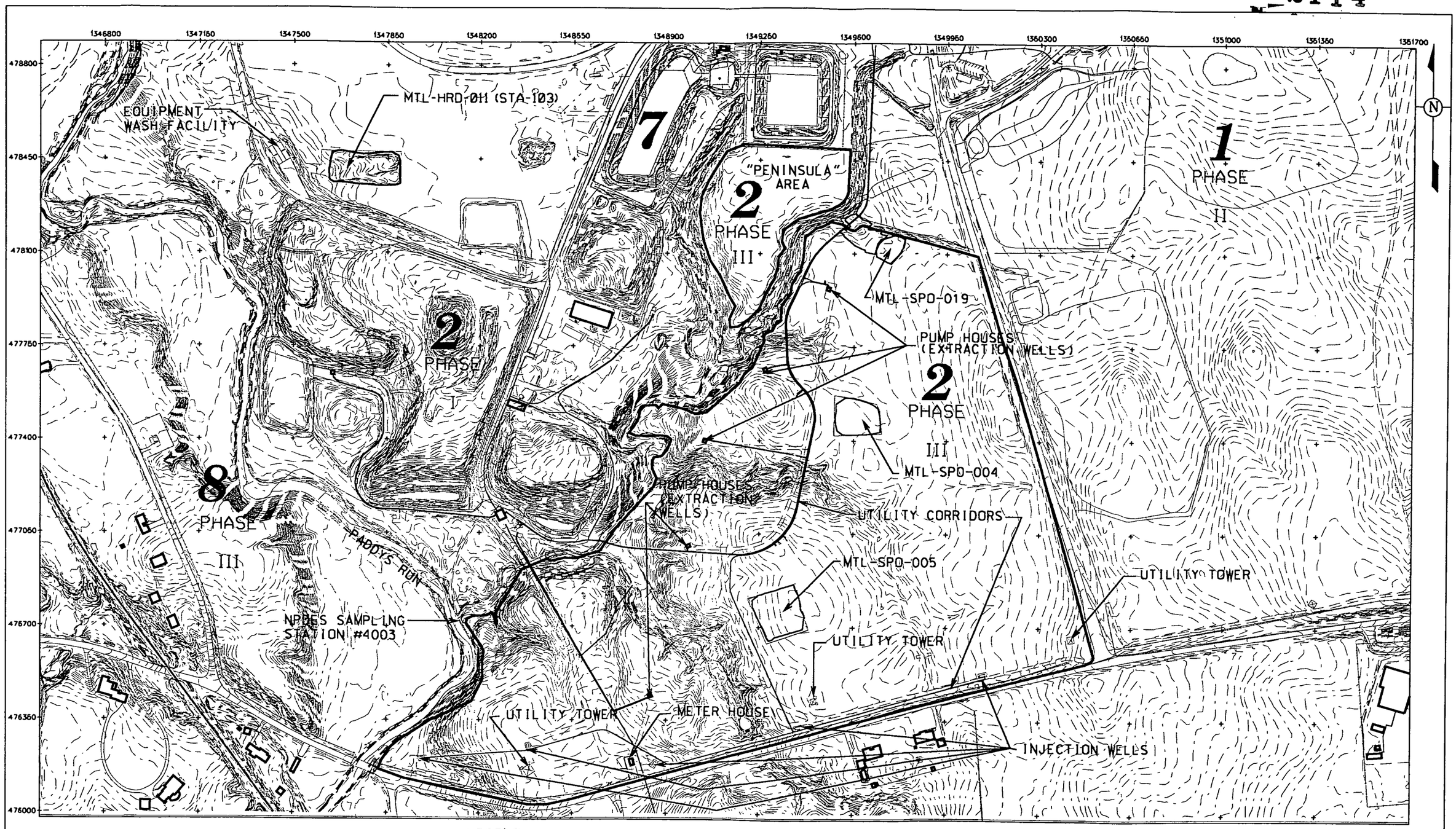


FIGURE 1-1. A2PIII LOCATION MAP



LEGEND:

——— AREA BOUNDARY

DRAFT

000085

SCALE

350 175 0 350 FEET

v:\2fm12\dgn\map\hor\dpth\a2p3-003.dgn STATE PLANAR COORDINATE SYSTEM 1983 31-MAR-1999

FIGURE 1-2. A2PIII TOPOGRAPHY AND SURFACE FEATURES

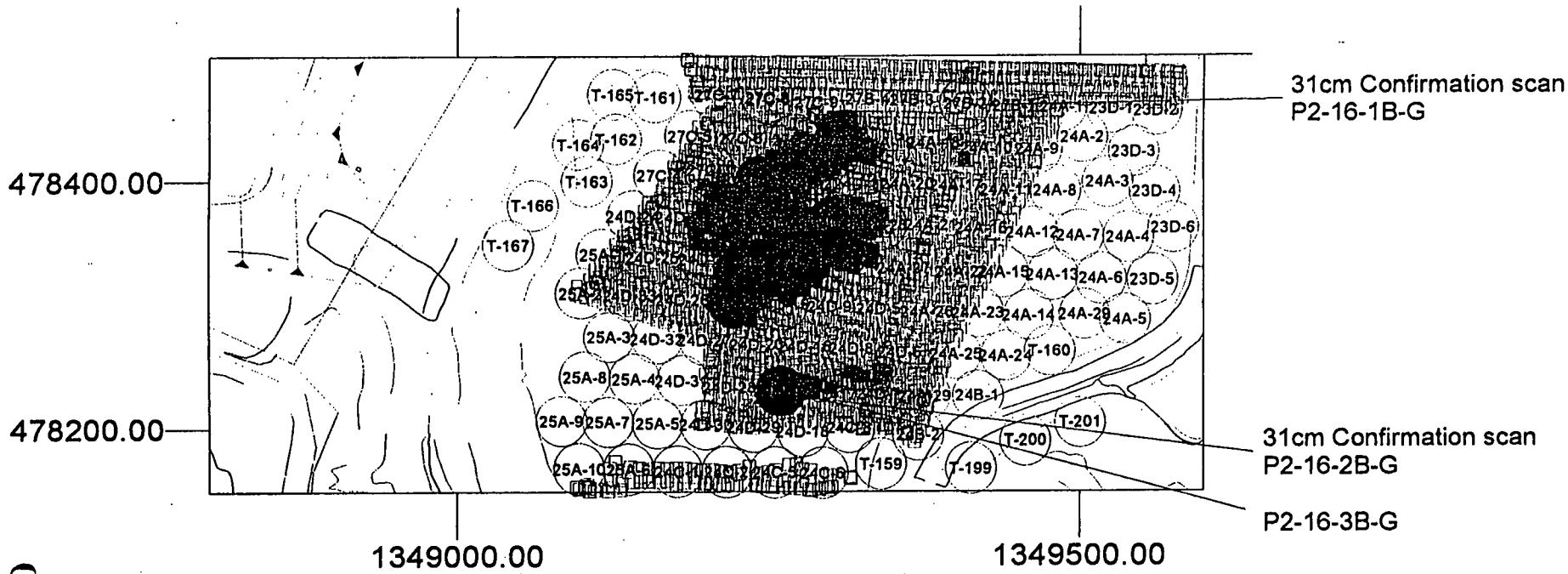
Figure 7-3

A2PIII Phase 1 Radium 226 Hot Spots

Moisture and radon corrected Radium 226 (pCi/gm)

RSS results are two point running average

N



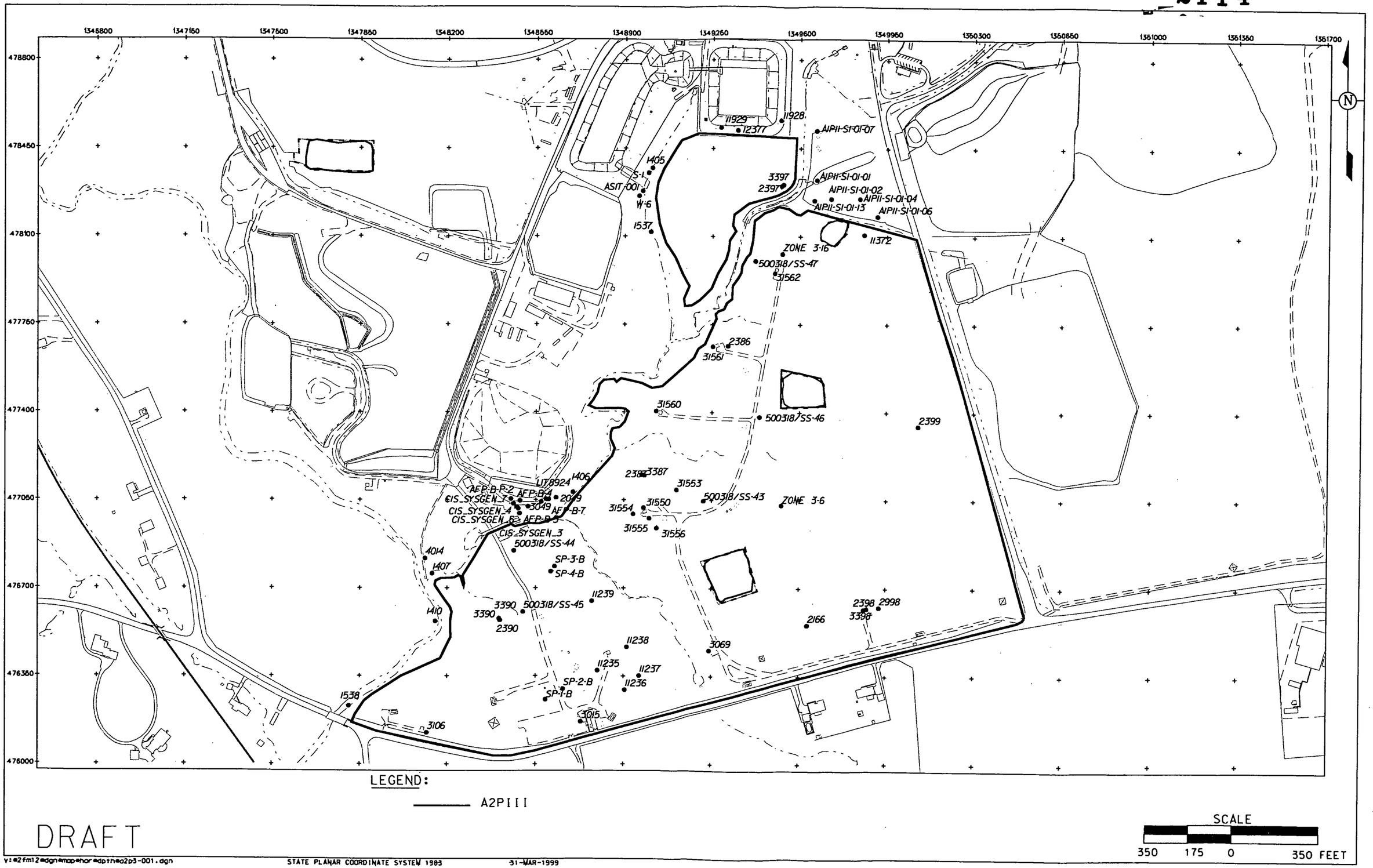
Ra-226 (pCi/gm)

- 0.00 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-RAHS-1PT-MC
Project no.: 20460-PSP-0001
Project name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_RAHS_1PT_MC.srf
Date prepared: 3/30/99

000086

2114



LEGEND:

A2PIII

DRAFT

SCALE

350 175 0 350 FEET

V:\2fm12\dgn\map\hor\dpth\a2p3-001.dgn STATE PLANAR COORDINATE SYSTEM 1983 31-MAR-1999

FIGURE 2-1. HISTORICAL BORINGS WITHIN A2PIII AND 100 FT BUFFER

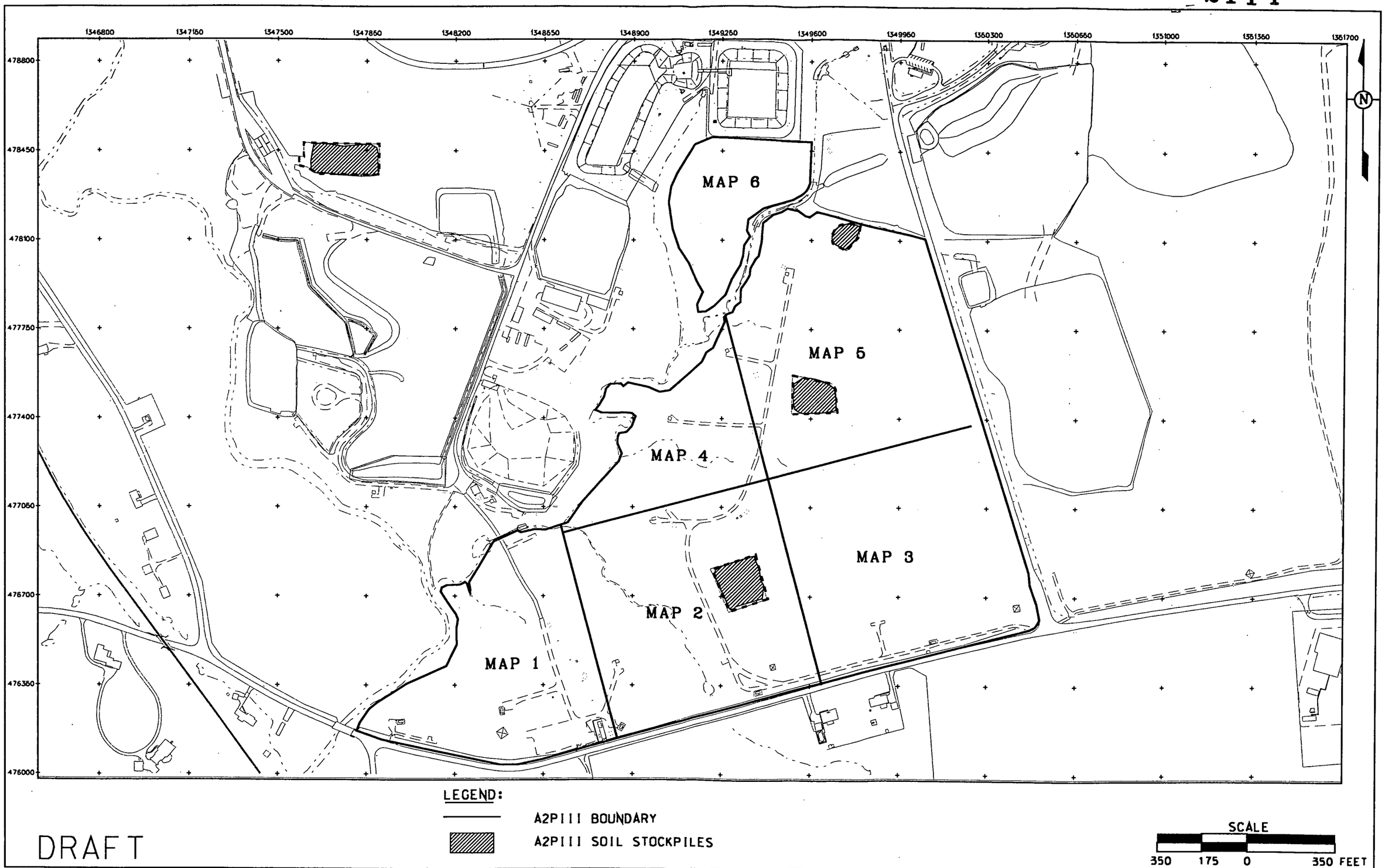


FIGURE 2-2. KEY MAP FOR REAL-TIME SCANS SHOWN IN APPENDICES

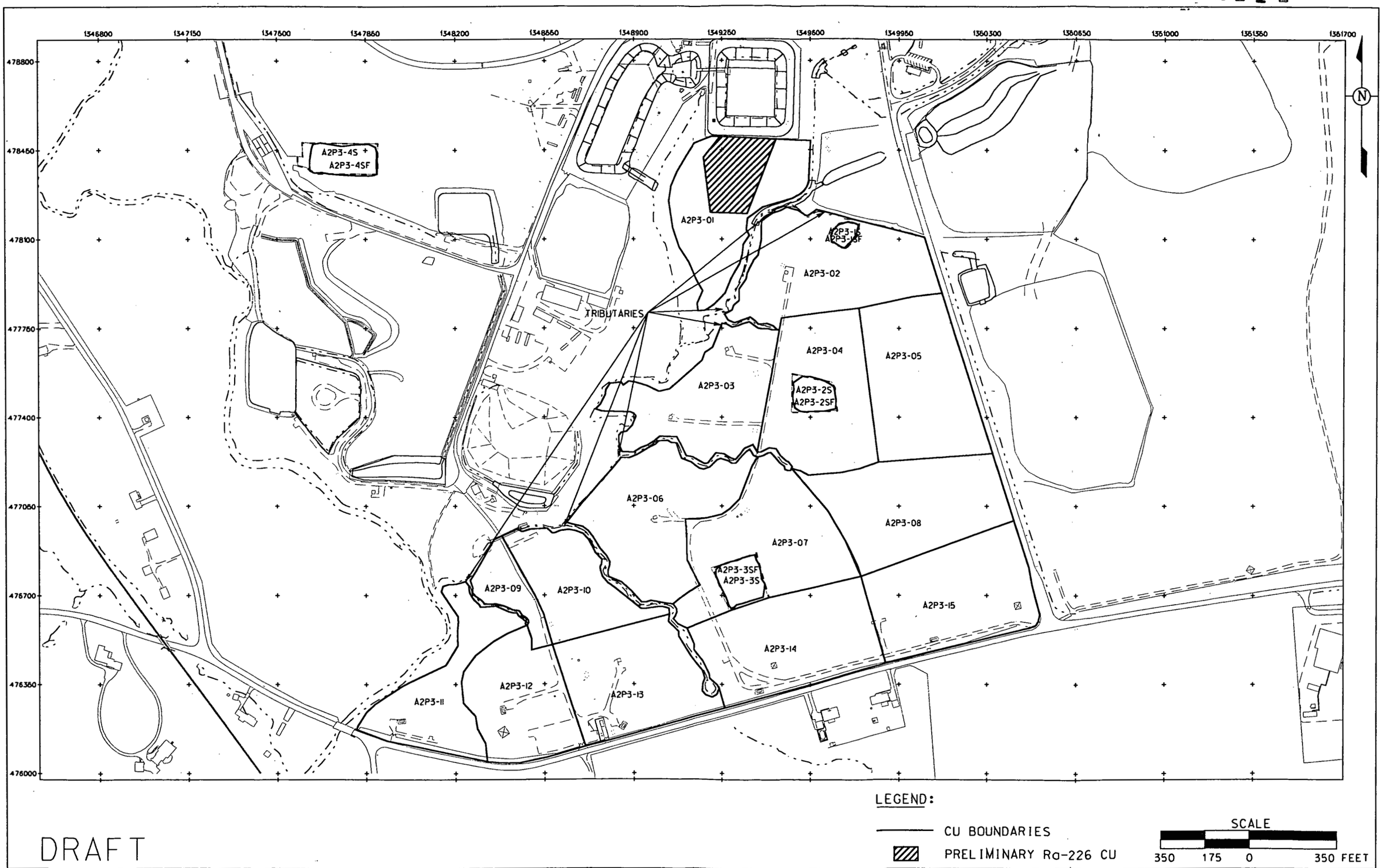


FIGURE 4-1. CERTIFICATION UNITS

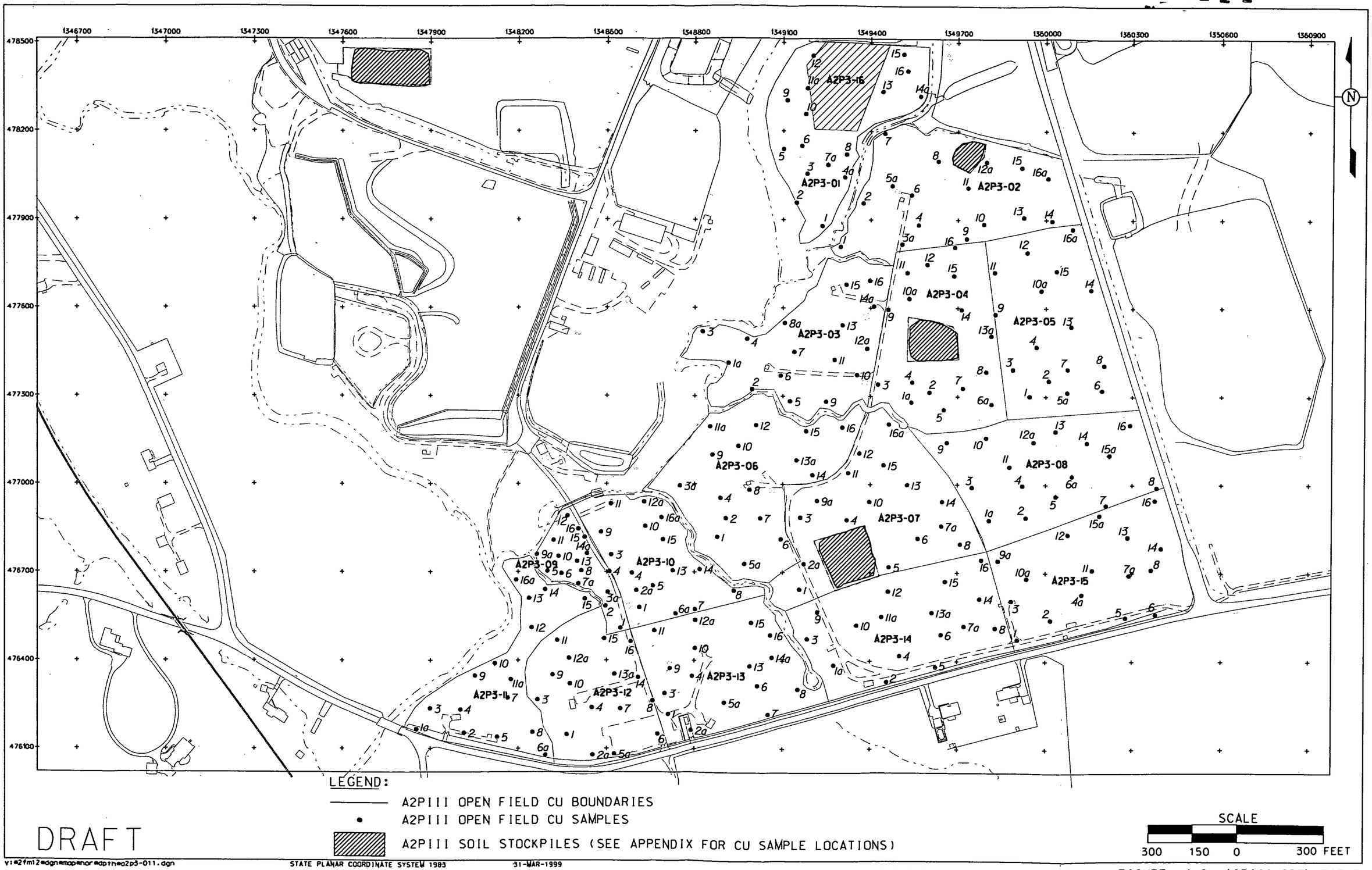


FIGURE 4-2. A2PIII OPEN FIELD CU SAMPLE LOCATIONS

APPENDIX A
MOBILE NAI TOTAL ACTIVITY RESULTS AND PHASE I HPGE READINGS LOCATIONS

SIGNIFICANT SURFACE AREAS NOT MEASURED ON MAPS

APPLICABLE TO ALL MAPS:

- Large areas without measurements are inaccessible because of steep slopes or are heavily vegetated/wooded. It may be possible to obtain measurements (RSS or HPGe) in a small portion of these areas (weather permitting and if it does not place personnel safety at risk).

- Small areas are usually structures such as: pump/piping houses, fenced (or barricaded with four concrete stanchions) above ground risers for underground piping (stubs, cleanouts, well sampling), power poles, fences (wire and silt), air sampling stations, signs, natural ground runoff depressions, and tributaries that not part of A2P3, etc.

SPECIFIC OR UNUSUAL FEATURES OF INDIVIDUAL MAPS:

MAP 1:

- Plateau area that slopes to west towards Paddy's Run and to the north towards on onsite tributary
- Section of asphalt road from A2P1
- Gravel pad from Aquifer Restoration project construction

MAP 2:

- Plateau area that slopes towards on onsite tributaries
- Tributary flowing from offsite through a gradual to steep ravine towards on onsite tributary
- Large topsoil stockpile (MTL-SP0-005)

MAP 3:

- Relatively flat area
- Two small runoff tributaries
- Stacked excess HDPE piping (from Aquifer Restoration project construction) to be moved and footprint measured

MAP 4:

- Land sloping towards onsite tributaries
- Medium topsoil stockpile (MTL-SPO-004)

MAP 5:

- Generally flat land
- Small soil stockpile (MTL-SPO-019)

MAP 6:

- Plateau area sloping towards tributaries and adjacent to SWRB fence on north side

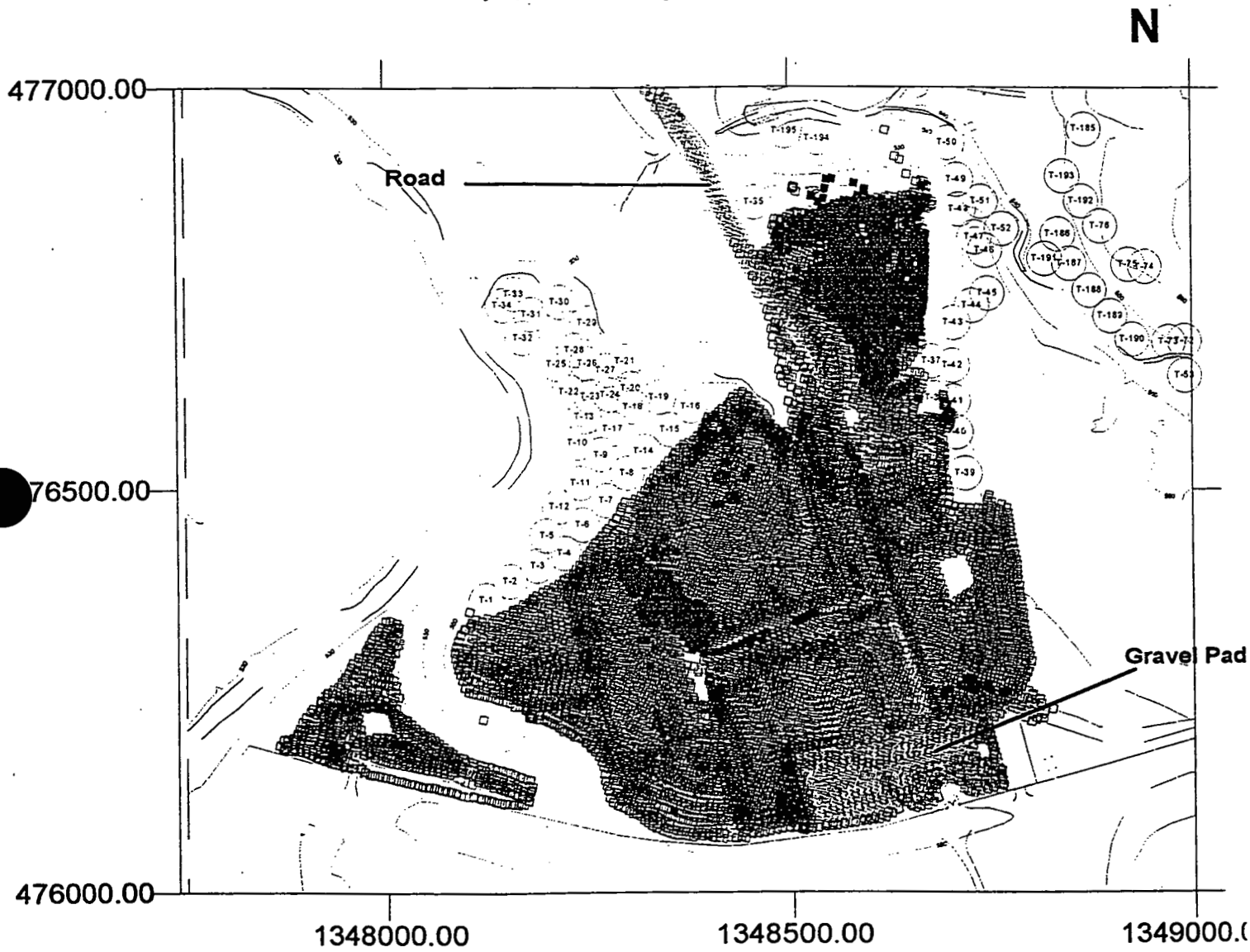
MAP # 1

2114

(includes sections # 5,6,7,12,13,&18)

Total Counts per Second (cps)

One Spectra, no average
Coverage Plot, Field Of View to Scale
No HPGE cps, locations provided for coverage only



Legend
cps

- 1000.00 to 1500.00
- 1500.00 to 2000.00
- 2000.00 to 2500.00
- 2500.00 to 3100.00

RTIMP DWG Title: A2P3-P1-MAP1-TC-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP1_TC_1PT_MC.srf
Date Prepared: 3/30/99

MAP #2

2114

(includes acre # 3,4,10,&11)

Total Counts per Second (cps)

One Spectra, no average
Coverage Plot, Field Of View to Scale
No HPGE cps, locations provided for coverage only

N

Legend cps	
	1000.00 to 1500.00
	1500.00 to 2000.00
	2000.00 to 2500.00
	2500.00 to 3000.00

RTIMP DWG Title: A2P3-P1-MAP2-TC-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP2_TC_1PT_MC.srf
Date Prepared: 3/30/99

000094

MAP # 3

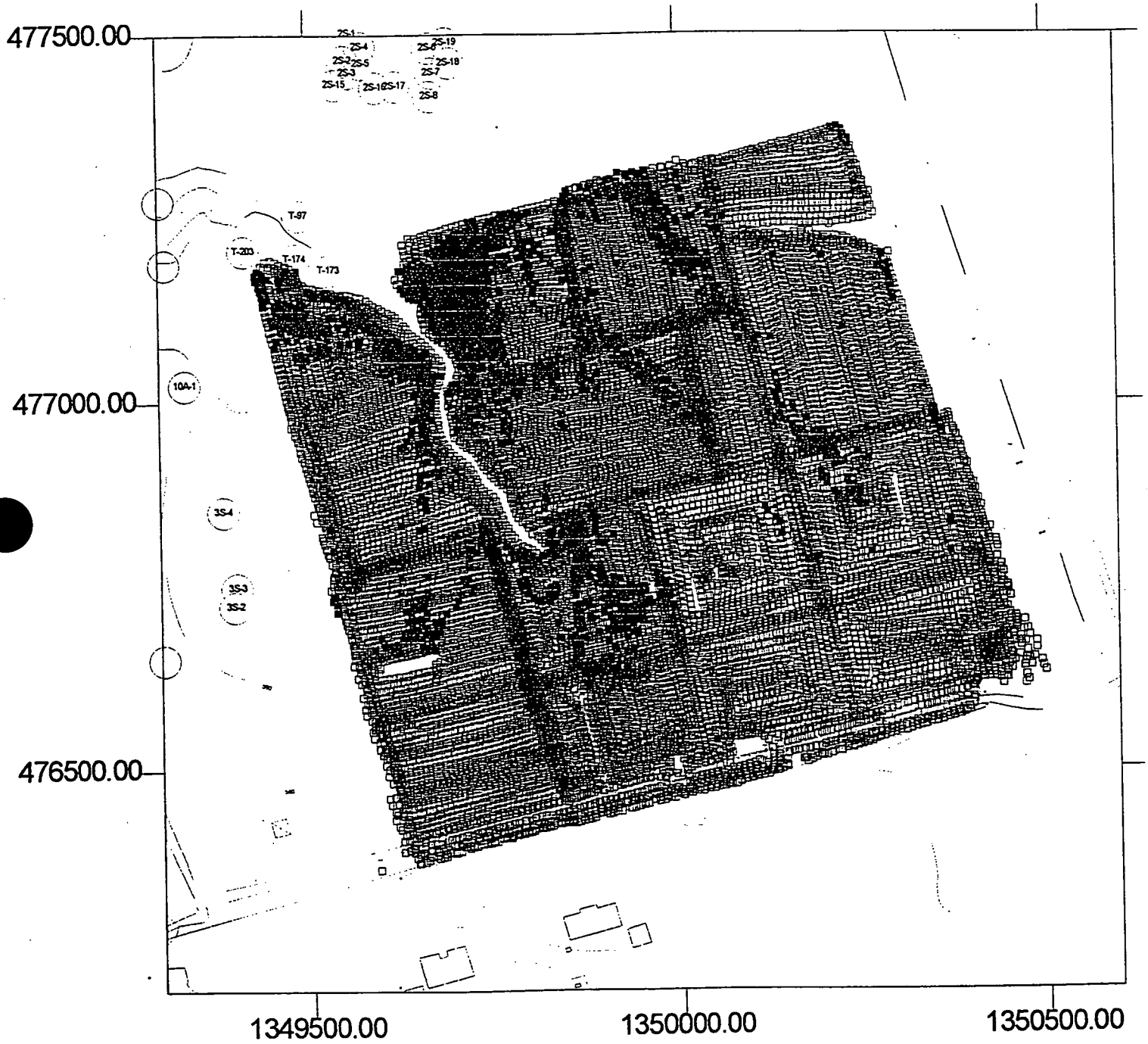
(includes sections # 1,2,8,9)

2114

Total Counts per Second (cps)

One Spectra, no average
Coverage Plot, Field Of View to Scale
No HPGE cps, locations provided for coverage only

N



Legend
cps

- 1000.00 to 1500.00
- 1500.00 to 2000.00
- 2000.00 to 2500.00
- 2500.00 to 3000.00

RTIMP DWG Title: A2P3-P1-MAP3-TC-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP3_TC_1PT_MC.srf
Date Prepared: 3/30/99

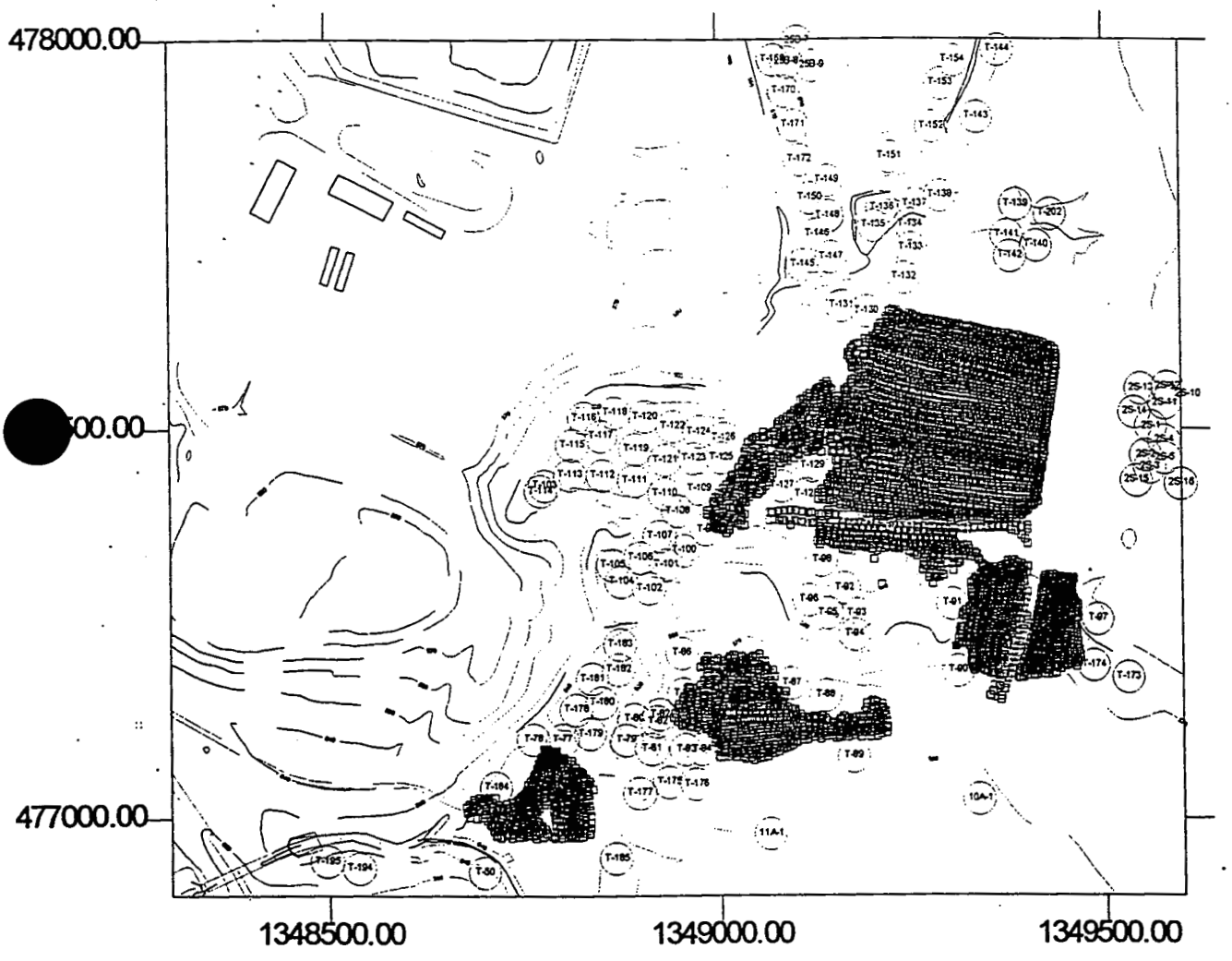
MAP # 4

(includes sections # 16,17, 21, & 22)

Total Counts per Second (cps)

One Spectra, no average
Coverage Plot, Field of View to Scale
No HPGE cps, locations provided for coverage only

N



Legend
cps

- 1000.00 to 1500.00
- 1500.00 to 2000.00
- 2000.00 to 2500.00
- 2500.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP4-TC-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP4_TC_1PT_MC.srf
Date Prepared: 3/30/99

MAP #5

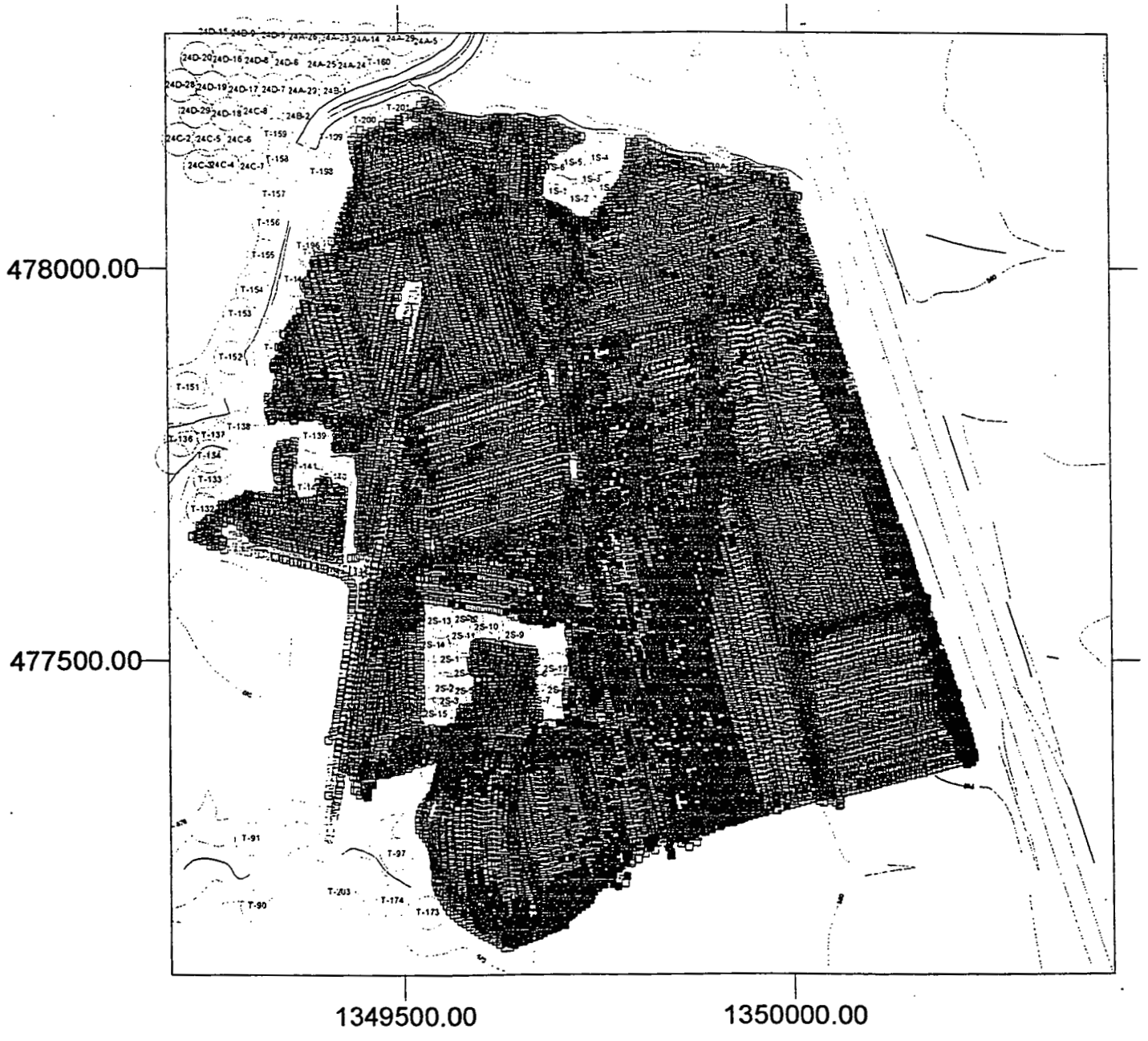
(includes sections # 14,15,19,&20)

2114

Total Counts per Second (cps)

N

One Spectra, no average
Coverage Plot, Field Of View to Scale
No HPGE cps, locations provided for coverage only



Legend
cps

- 1000.00 to 1500.00
- 1500.00 to 2000.00
- 2000.00 to 2500.00
- 2500.00 to 3000.00

RTIMP DWG Title: A2P3-P1-MAP5-TC-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP5_TC_1PT_MC.srf
Date Prepared: 3/30/99

2114

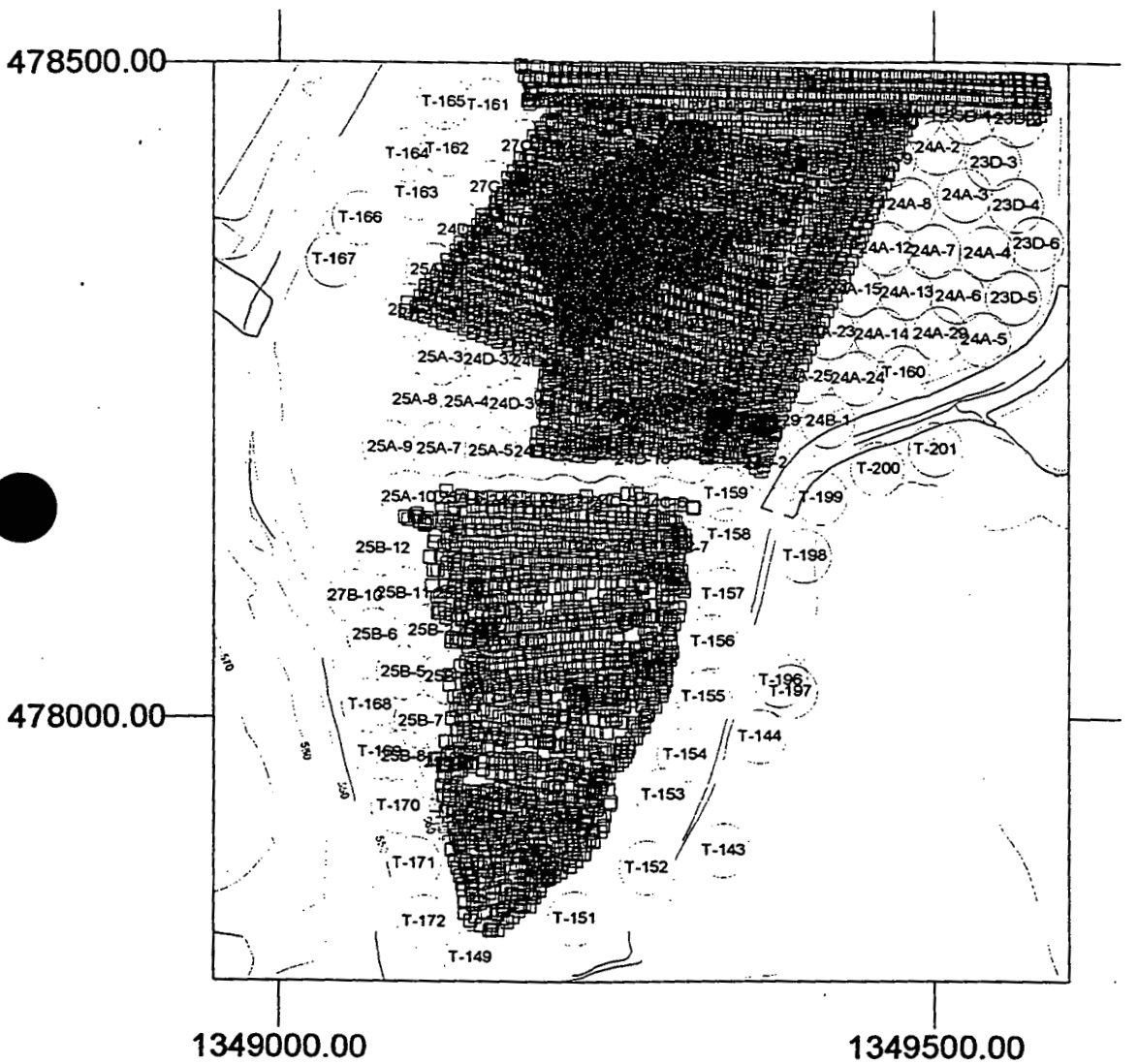
MAP #6

(includes sections #21, 23, 24, 25, & 27)

Total Counts per Second (cps)

N

One Spectra, no average
Coverage Plot, Field Of View to Scale
No HPGE cps, locations provided for coverage only



Legend cps
1000.00 to 2000.00
2000.00 to 3000.00
3000.00 to 4000.00
4000.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP6-TC-1PT-MC
Project no.: 20460-PSP-0001
Project name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP6_TC_1PT_MC.srf
Date prepared: 3/30/99

SOIL PILE 2

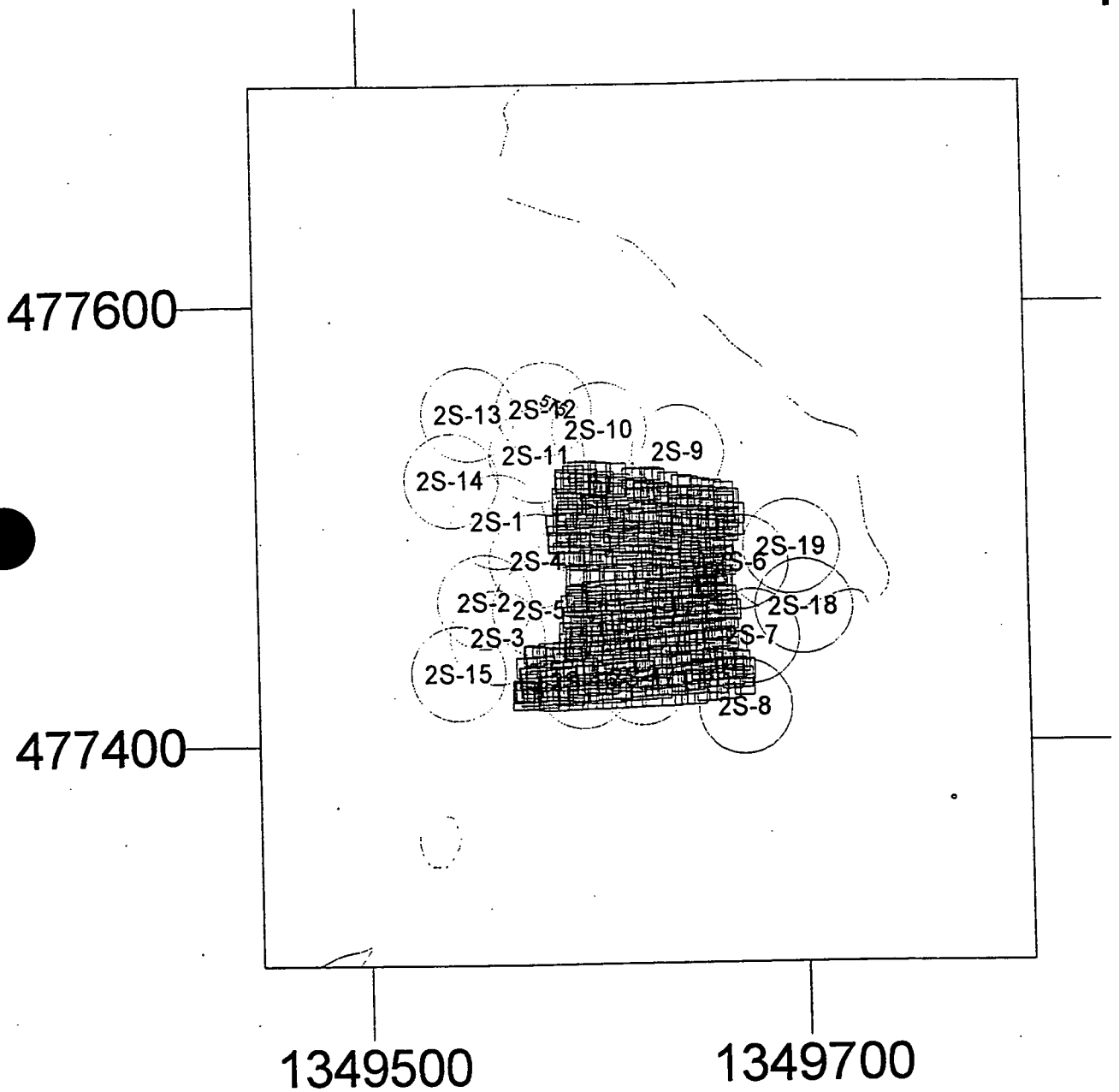
2114

(MTL-SPO-004)

Total Counts per Second (cps)

One Spectra, no average
Coverage Plot, Field Of View to Scale
No HPGE, locations provided for coverage only

N



Legend
cps

- 1000.00 to 1500.00
- 1500.00 to 2000.00
- 2000.00 to 2500.00
- 2500.00 to 3000.00

RTIMP DWG Title: A2P3-P1-MAP2S-TC-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP2S_TC_1PT_MC.srf
Date Prepared: 3/30/99

000099

SOIL PILE 3

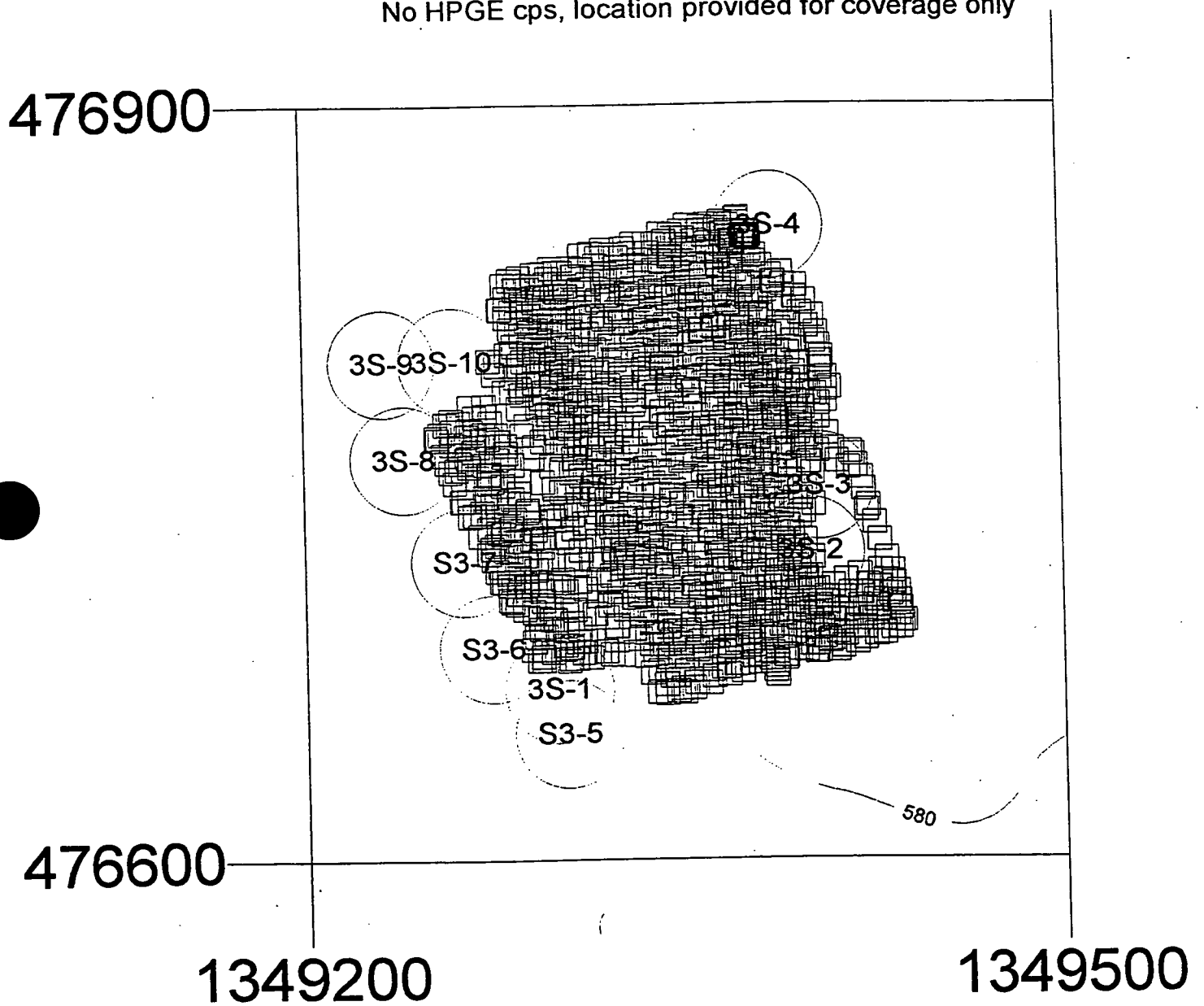
(MTL-SPO-005)

2114

Total Counts per Second (cps)

One Spectra, no average
Coverage Plot, Field Of View to Scale
No HPGE cps, location provided for coverage only

N



Legend
cps

- 1000.00 to 1500.00
- 1500.00 to 2000.00
- 2000.00 to 2500.00
- 2500.00 to 3000.00

RTIMP DWG Title: A2P3-P1-MAP3S-TC-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP3S_TC_1PT_MC.srf
Date Prepared: 3/30/99

APPENDIX B
MOBILE NAI AND PHASE I HPGE TOTAL URANIUM RESULTS

APPENDIX B
HPGe RESULTS FOR TOTAL URANIUM

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (ppm)
A2P3-P1-1S-1-G	478098.41	1349703.46	100cm	9.61
A2P3-P1-1S-2-G	478140.33	1349757.44	100cm	9.54
A2P3-P1-1S-3-G	478113.16	1349746.76	100cm	8.93
A2P3-P1-1S-4-G	478140.33	1349757.44	100cm	7.06
A2P3-P1-1S-4-G-D	478140.33	1349757.44	100cm	7.58
A2P3-P1-1S-5-G	478135.02	1349723.38	100cm	6.76
A2P3-P1-1S-6-G	478128.18	1349700.65	100cm	10.40
A2P2-P1-1S-7-G	478102.04	1349768.25	100cm	11.80
A2P3-P1-2S-1-G	477501.71	1349561.21	100cm	6.11
A2P3-P1-2S-2-G	477465.03	1349554.42	100cm	8.70
A2P3-P1-2S-3-G	477448.99	1349560.14	100cm	9.34
A2P3-P1-2S-4-G	477483.73	1349578.52	100cm	0.06
A2P3-P1-2S-5-G	477461.21	1349579.4	100cm	6.43
A2P3-P1-2S-6-G	477481.71	1349672.3	100cm	11.40
A2P3-P1-2S-7-G	477448.06	1349676.63	100cm	10.70
A2P3-P1-2S-8-G	477416.01	1349673	100cm	6.87
A2P3-P1-2S-9-G	477532.35	1349643.97	100cm	10.40
A2P3-P1-2S-10-G	477543.01	1349608.07	100cm	8.88
A2P3-P1-2S-11-G	477531.59	1349579.34	100cm	5.84
A2P2-P1-2S-12-G	477552.73	1349582.89	100cm	7.63
A2P3-P1-2S-13-G	477550.68	1349548.54	100cm	13.10
A2P2-P1-2S-14-G	477520.55	1349540.15	100cm	0.08
A2P2-P1-2S-14-G-D	477520.55	1349540.15	100cm	10.30
A2P3-P1-2S-15-G	477432.49	1349542.05	100cm	0.05
A2P3-P1-2S-16-G	477428.57	1349598.93	100cm	6.76
A2P3-P1-2S-17-G	477429.95	1349625.9	100cm	11.90
A2P3-P1-2S-18-G	477461.31	1349699.89	100cm	11.80
A2P3-P1-2S-19-G	477488.33	1349695	100cm	11.50
A2P3-P1-3S-1-G	476667.66	1349299.87	100cm	10.50
A2P3-P1-3S-2-G	476721.93	1349398.9	100cm	0.06
A2P3-P1-3S-3-G	476747.62	1349402.6	100cm	8.19
A2P3-P1-3S-4-G	476851.5	1349384.65	100cm	7.05
A2P3-P1-S3-5-G	476650.04	1349303.65	100cm	10.00
A2P3-P1-S3-6-G	476683.9	1349274.07	100cm	12.00
A2P3-P1-S3-7-G	476718.54	1349263.38	100cm	8.96
A2P3-P1-3S-8-G	476759.35	1349239.43	100cm	10.80
A2P3-P1-3S-9-G	476797.71	1349231.25	100cm	8.87
A2P3-P1-3S-10-G	476798.26	1349259.33	100cm	11.70
A2P3-P1-4S-1-G	478379.31	1347659.17	100cm	8.39
A2P3-P1-4S-2-G	478438.17	1344880.14	100cm	7.09
A2P3-P1-4S-3-G	478404.4	1347816.13	100cm	10.70
A2P3-P1-4S-4-G	478410.05	1347768.52	100cm	11.80
A2P3-P1-4S-4-G-D	478410.05	1347768.52	100cm	12.80
A2P3-P1-4S-5-G	478381.76	1347699.99	100cm	9.68
A2P3-P1-4S-6-G	478381.63	1347735.57	100cm	10.20
A2P3-P1-4S-7-G	478376.97	1347772.27	100cm	8.37
A2P3-P1-4S-8-G	478372.87	1347810.77	100cm	8.31

APPENDIX B
HPGe RESULTS FOR TOTAL URANIUM

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (ppm)
A2P3-P1-4S-9-G	478376.07	1347847.33	100cm	9.09
A2P3-P1-4S-10-G	478380.56	1347877.97	100cm	9.12
A2P3-P1-4S-11-G	478438.93	1347803.84	100cm	9.32
A2P3-P1-4S-12-G	478436.17	1347843.51	100cm	10.30
A2P3-P1-4S-13-G	478408.73	1347841.87	100cm	11.60
A2P3-P1-4S-14-G	478435.7	1347767.17	100cm	12.30
A2P3-P1-4S-15-G	478421.27	1347733.25	100cm	15.50
A2P3-P1-4S-16-G	478457.33	1347719.71	100cm	10.10
A2P3-P1-4S-17-G	478458.43	1347678.6	100cm	10.20
A2P3-P1-4S-18-G	478419.95	1347694.64	100cm	13.90
A2P3-P1-4S-19-G	478417.42	1347662	100cm	11.30
A2P3-P1-4S-20-G	478399.65	1347626.61	100cm	9.25
A2P3-P1-T-1-G	476363.31	1348121.87	100cm	7.55
A2P3-P1-T-2-G	476386.61	1348151.89	100cm	8.02
A2P3-P1-T-3-G	476406.03	1348186.29	100cm	9.02
A2P3-P1-T-4-G	476421.29	1348219.75	100cm	0.07
A2P3-P1-T-5-G	476442.9	1348198.16	100cm	10.50
A2P3-P1-T-6-G	476456.77	1348242.41	100cm	0.06
A2P3-P1-T-7-G	476486.47	1348272.35	100cm	0.05
A2P3-P1-T-8-G	476520.27	1348298.27	100cm	8.78
A2P3-P1-T-9-G	476543.15	1348265.99	100cm	11.30
A2P3-P1-T-10-G	476557.96	1348237.22	100cm	8.65
A2P3-P1-T-11-G	476508.15	1348240.07	100cm	10.10
A2P3-P1-T-12-G	476479.13	1348213.83	100cm	9.90
A2P3-P1-T-13-G	476590.46	1348245.5	100cm	9.46
A2P3-P1-T-14-G	476547.47	1348319	100cm	0.08
A2P3-P1-T-15-G	476574.26	1348350.99	100cm	9.66
A2P3-P1-T-15-G-D	476574.26	1348350.99	100cm	11.20
A2P3-P1-T-16-G	476602.98	1348378.02	100cm	12.50
A2P3-P1-T-17-G	476575.26	1348280.95	100cm	12.20
A2P3-P1-T-18-G	476602.84	1348306.03	100cm	9.63
A2P3-P1-T-19-G	476614.52	1348337.82	100cm	9.25
A2P3-P1-T-20-G	476626.17	1348303.25	100cm	9.29
A2P3-P1-T-21-G	476659.64	1348296.59	100cm	10.90
A2P3-P1-T-22-G	476621.58	1348226.79	100cm	7.51
A2P3-P1-T-23-G	476616.17	1348253.44	100cm	9.55
A2P3-P1-T-24-G	476618.04	1348278.34	100cm	15.00
A2P3-P1-T-25-G	476656.34	1348211.88	100cm	8.31
A2P3-P1-T-26-G	476657.27	1348250	100cm	8.09
A2P3-P1-T-27-G	476648.45	1348272.71	100cm	10.50
A2P3-P1-T-28-G	476673.62	1348234.37	100cm	7.67
A2P3-P1-T-29-G	476707.74	1348250.2	100cm	7.76
A2P3-P1-T-30-G	476733.6	1348216.15	100cm	18.10
A2P3-P1-T-31-G	476718.11	1348180.93	100cm	28.60
A2P3-P1-T-32-G	476688.81	1348170.2	100cm	19.00
A2P3-P1-T-33-G	476743.5	1348159.65	100cm	14.70
A2P3-P1-T-34-G	476729.6	1348145.22	100cm	10.90

APPENDIX B
HPGe RESULTS FOR TOTAL URANIUM

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (ppm)
A2P3-P1-T-35-G	476856.55	1348458.54	100cm	0.07
A2P3-P1-T-36-G	476869.95	1348534.79	100cm	8.29
A2P3-P1-T-37-G	476659.36	1348675.26	100cm	10.80
A2P3-P1-T-38-G	476613.13	1348679.44	100cm	12.10
A2P3-P1-T-39-G	476519.82	1348716.1	100cm	9.14
A2P3-P1-T-40-G	476570.78	1348705.83	100cm	13.00
A2P3-P1-T-41-G	476609.4	1348702.46	100cm	12.80
A2P3-P1-T-42-G	476653.74	1348702.03	100cm	12.00
A2P3-P1-T-43-G	4766707.16	1348703.36	100cm	11.20
A2P3-P1-T-44-G	476728.16	1348726.16	100cm	6.40
A2P3-P1-T-45-G	476743.59	1348745.49	100cm	11.90
A2P3-P1-T-46-G	476796.5	1348742.92	100cm	8.96
A2P3-P1-T-47-G	476813.25	1348730.43	100cm	9.51
A2P3-P1-T-48-G	476847.57	1348711.22	100cm	15.30
A2P3-P1-T-49-G	476884.85	1348708.8	100cm	15.40
A2P3-P1-T-50-G	476930.36	1348698.01	100cm	9.12
A2P3-P1-T-51-G	476857.52	1348738.28	100cm	12.00
A2P3-P1-T-52-G	476823.75	1348764.43	100cm	11.10
A2P3-P1-T-53-G	476640.97	1348991.62	100cm	9.73
A2P3-P1-T-54-G	476627.58	1349023.09	100cm	0.05
A2P3-P1-T-55-G	476545.11	1349086.6	100cm	0.05
A2P3-P1-T-56-G	476512.47	1349089.4	100cm	8.13
A2P3-P1-T-57-G	476474.72	1349105.04	100cm	6.48
A2P3-P1-T-58-G	476437.77	1349123.94	100cm	7.15
A2P3-P1-T-59-G	476408.14	1349148.66	100cm	7.99
A2P3-P1-T-60-G	476374.22	1349166.89	100cm	0.03
A2P3-P1-T-61-G	476507.5	1349220	100cm	8.79
A2P3-P1-T-62-G	476517.16	1349188.48	100cm	12.60
A2P3-P1-T-63-G	476544.73	1349198.13	100cm	11.00
A2P3-P1-T-64-G	476587.62	1349184.8	100cm	0.08
A2P3-P1-T-65-G	476624.99	1349170	100cm	10.60
A2P3-P1-T-66-G	476554.65	1349132.45	100cm	11.90
A2P3-P1-T-67-G	476587.51	1349112.67	100cm	10.90
A2P3-P1-T-68-G	476594.77	1349083.43	100cm	10.70
A2P3-P1-T-69-G	476632.75	1349098.81	100cm	10.90
A2P3-P1-T-70-G	476662.92	1349080.68	100cm	9.47
A2P3-P1-T-71-G	476681.83	1349041.95	100cm	10.70
A2P3-P1-T-72-G	476683.95	1348991.61	100cm	11.90
A2P3-P1-T-73-G	476682.9	1348971.41	100cm	11.90
A2P3-P1-T-74-G	476776.2	1348941.47	100cm	9.92
A2P3-P1-T-75-G	476778.99	1348920.13	100cm	8.79
A2P3-P1-T-76-G	476827.31	1348885.95	100cm	10.80
A2P3-P1-T-77-G	477101.22	1348798.44	100cm	21.70
A2P3-P1-T-78-G	477101.36	1348761.88	100cm	24.10
A2P3-P1-T-79-G	477100.63	1348879.73	100cm	14.10
A2P3-P1-T-80-G	477127.11	1348889.9	100cm	12.90
A2P3-P1-T-81-G	477089.1	1348911.37	100cm	14.70

APPENDIX B
HPGe RESULTS FOR TOTAL URANIUM

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (ppm)
A2P3-P1-T-82-G	477133.26	1348921.66	100cm	12.60
A2P3-P1-T-82-G-D	477123.86	1348918.5	100cm	11.90
A2P3-P1-T-83-G	477087.7	1348954.66	100cm	14.40
A2P3-P1-T-83-G-D	477087.7	1348954.66	100cm	15.20
A2P3-P1-T-84-G	477088.04	1348975.51	100cm	14.30
A2P3-P1-T-85-G	477159.76	1348952.02	100cm	16.20
A2P3-P1-T-86-G	477211.63	1348950.25	100cm	15.30
A2P3-P1-T-87-G	477172.21	1349093.42	100cm	11.30
A2P3-P1-T-88-G	477156.33	1349137.25	100cm	10.60
A2P3-P1-T-89-G	477078.24	1349173.56	100cm	12.60
A2P3-P1-T-90-G	477188.05	1349309.07	100cm	7.95
A2P3-P1-T-91-G	477273.66	1349302.34	100cm	11.00
A2P3-P1-T-92-G	477294.01	1349163.08	100cm	12.70
A2P3-P1-T-93-G	477260.68	1349178.9	100cm	14.40
A2P3-P1-T-94-G	477234.47	1349175.68	100cm	10.40
A2P3-P1-T-95-G	477262.08	1349141.32	100cm	14.90
A2P3-P1-T-96-G	477278.97	1349116.81	100cm	16.90
A2P3-P1-T-97-G	477254.57	1349490.36	100cm	14.10
A2P3-P1-T-97-G-D	477254.57	1349490.36	100cm	16.60
A2P3-P1-T-98-G	477329.81	1349134.06	100cm	14.80
A2P3-P1-T-99-G	477369.93	1348983.62	100cm	12.90
A2P3-P1-T-100-G	477343.51	1348954.49	100cm	8.91
A2P3-P1-T-101-G	477325.15	1348931.46	100cm	0.06
A2P3-P1-T-102-G	477295.06	1348909.76	100cm	8.55
A2P3-P1-T-103-G	477426.9	1348778.97	100cm	6.58
A2P3-P1-T-104-G	477303.86	1348875.08	100cm	16.20
A2P3-P1-T-105-G	477325.2	1348864.79	100cm	17.80
A2P3-P1-T-106-G	477334.24	1348899.42	100cm	12.20
A2P3-P1-T-107-G	477361.86	1348923.8	100cm	13.40
A2P3-P1-T-108-G	477393.64	1348946.62	100cm	17.40
A2P3-P1-T-109-G	477422.6	1348975.15	100cm	16.10
A2P3-P1-T-110-G	477416.45	1348930.58	100cm	16.50
A2P3-P1-T-111-G	477432.93	1348892.68	100cm	16.30
A2P3-P1-T-112-G	477440.31	1348851.99	100cm	13.60
A2P3-P1-T-112-G-D	477440.31	1348851.99	100cm	10.50
A2P3-P1-T-113-G	477440.67	1348810.72	100cm	17.40
A2P3-P1-T-114-G	477419.77	1348773.39	100cm	15.50
A2P3-P1-T-115-G	477478.99	1348813.89	100cm	15.10
A2P3-P1-T-116-G	477514.18	1348829.61	100cm	17.30
A2P3-P1-T-117-G	477490.67	1348850.48	100cm	16.60
A2P3-P1-T-118-G	477520.8	1348868.92	100cm	18.60
A2P3-P1-T-119-G	477473.62	1348894.98	100cm	14.00
A2P3-P1-T-120-G	477515.67	1348906.64	100cm	17.70
A2P3-P1-T-121-G	477459.45	1348931.37	100cm	15.80
A2P3-P1-T-122-G	477503.12	1348941.3	100cm	17.70
A2P3-P1-T-123-G	477461.36	1348968.12	100cm	15.60
A2P3-P1-T-124-G	477495.79	1348974.68	100cm	16.90

APPENDIX B
HPGe RESULTS FOR TOTAL URANIUM

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (ppm)
A2P3-P1-T-125-G	477462.24	1349003.81	100cm	15.10
A2P3-P1-T-126-G	477487.81	1349007.39	100cm	17.90
A2P3-P1-T-127-G	477425.5	1349083.19	100cm	15.20
A2P3-P1-T-128-G	477414.3	1349115.27	100cm	13.20
A2P3-P1-T-129-G	477451.12	1349122.83	100cm	16.50
A2P3-P1-T-130-G	477649.58	1349195.03	100cm	18.30
A2P3-P1-T-131-G	477656.78	1349162.61	100cm	15.70
A2P3-P1-T-132-G	477692.91	1349243.99	100cm	13.10
A2P3-P1-T-133-G	477730.78	1349253.63	100cm	12.90
A2P3-P1-T-134-G	477760.95	1349252.22	100cm	12.70
A2P3-P1-T-135-G	477759.61	1349205.05	100cm	14.30
A2P3-P1-T-136-G	477782.34	1349216.68	100cm	15.40
A2P3-P1-T-137-G	477787.04	1349258.39	100cm	0.03
A2P3-P1-T-138-G	477798.13	1349291	100cm	9.12
A2P3-P1-T-139-G	477786.91	1349388.3	100cm	10.40
A2P3-P1-T-140-G	477734.32	1349414.58	100cm	10.80
A2P3-P1-T-141-G	477747.76	1349376.38	100cm	12.90
A2P3-P1-T-141-G-D	477747.76	1349376.38	100cm	15.80
A2P3-P1-T-142-G	477720.73	1349380.58	100cm	12.20
A2P3-P1-T-143-G	477899.44	1349338.82	100cm	14.00
A2P3-P1-T-144-G	477985.98	1349366.21	100cm	11.10
A2P3-P1-T-145-G	477710.08	1349112.66	100cm	12.80
A2P3-P1-T-146-G	477748.83	1349132.03	100cm	14.50
A2P3-P1-T-147-G	477719.56	1349150.02	100cm	9.98
A2P3-P1-T-148-G	477772.48	1349146.01	100cm	14.00
A2P3-P1-T-149-G	477817.74	1349145.07	100cm	13.10
A2P3-P1-T-150-G	477795.64	1349122.72	100cm	12.50
A2P3-P1-T-150-G	477795.64	1349122.72	100cm	13.80
A2P3-P1-T-151-G	477847.91	1349226.31	100cm	11.30
A2P3-P1-T-152-G	477886.51	1349280.66	100cm	13.50
A2P3-P1-T-153-G	477942	1349293.01	100cm	15.00
A2P3-P1-T-153-G	477942	1349293.01	100cm	16.00
A2P3-P1-T-154-G	477972.19	1349309.37	100cm	18.20
A2P3-P1-T-155-G	478016.6	1349323.45	100cm	16.80
A2P3-P1-T-156-G	478058.52	1349330.42	100cm	11.80
A2P3-P1-T-157-G	478094.65	1349338.54	100cm	20.10
A2P3-P1-T-158-G	478139.92	1349342.97	100cm	12.60
A2P3-P1-T-159-G	478171.48	1349340.58	100cm	0.06
A2P3-P1-T-160-G	478263.36	1349476.31	100cm	0.04
A2P3-P1-T-161-G	478467.49	1349158.81	100cm	26.00
A2P3-P1-T-162-G	478433.87	1349127.55	100cm	25.80
A2P3-P1-T-163-G	478400.08	1349104.01	100cm	19.60
A2P3-P1-T-164-G	478429.51	1349097.08	100cm	24.40
A2P3-P1-T-165-G	478469.56	1349124.67	100cm	32.60
A2P3-P1-T-166-G	478380.84	1349060.94	100cm	12.00
A2P3-P1-T-167-G	478348.9	1349041.5	100cm	14.10
A2P3-P1-T-168-G	478009.37	1349068.16	100cm	10.80

APPENDIX B
HPGe RESULTS FOR TOTAL URANIUM

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (ppm)
A2P3-P1-T-169-G	477973.54	1349076.3	100cm	14.70
A2P3-P1-T-169-G-D	477973.54	1349076.3	100cm	12.90
A2P3-P1-T-170-G	477932.68	1349090.51	100cm	12.50
A2P3-P1-T-170-G-D	477932.68	1349090.51	100cm	14.10
A2P3-P1-T-171-G	477889.29	1349102.43	100cm	12.70
A2P3-P1-T-171-G-D	477889.29	1349102.43	100cm	10.90
A2P3-P1-T-172-G	477844.96	1349110.03	100cm	9.55
A2P3-P1-T-173-G	477179.76	1349530.36	100cm	9.17
A2P3-P1-T-174-G	477195.04	1349484.72	100cm	8.56
A2P3-P1-T-175-G	477046.05	1348932.87	100cm	10.80
A2P3-P1-T-176-G	477043.27	1348968.13	100cm	10.70
A2P3-P1-T-176-G-D	477043.27	1348968.13	100cm	8.75
A2P3-P1-T-177-G	477032.44	1348895.91	100cm	9.50
A2P3-P1-T-178-G	477139.4	1348816.16	100cm	26.80
A2P3-P1-T-179-G	477108.72	1348834.16	100cm	14.10
A2P3-P1-T-180-G	477148.68	1348849.32	100cm	18.80
A2P3-P1-T-181-G	477178.92	1348837.17	100cm	29.00
A2P3-P1-T-182-G	477190.84	1348871.04	100cm	15.30
A2P3-P1-T-183-G	477223.42	1348872.9	100cm	11.40
A2P3-P1-T-184-G	477039.69	1348713.33	100cm	17.40
A2P3-P1-T-185-G	476948.29	1348866.44	100cm	0.05
A2P3-P1-T-186-G	476817.11	1348833.15	100cm	11.40
A2P3-P1-T-187-G	476780.39	1348847.17	100cm	11.50
A2P3-P1-T-188-G	476747.27	1348871.81	100cm	11.00
A2P3-P1-T-189-G	476715.63	1348897.68	100cm	7.23
A2P3-P1-T-190-G	476686.1	1348924.95	100cm	8.25
A2P3-P1-T-191-G	476786.37	1348816.52	100cm	7.81
A2P3-P1-T-192-G	476858.22	1348862.63	100cm	9.67
A2P3-P1-T-193-G	476889.6	1348839.44	100cm	10.20
A2P3-P1-T-194-G	476935.69	1348536.45	100cm	9.95
A2P3-P1-T-195-G	476944.61	1348496.7	100cm	0.04
A2P3-P1-T-196-G	478029.11	1349382.13	100cm	17.30
A2P3-P1-T-198-G	478123.96	1349400.39	100cm	10.00
A2P3-P1-T-199-G	478168.08	1349412.71	100cm	12.80
A2P2-P1-T-200-G	478190.16	1349456.6	100cm	8.72
A2P2-P1-T-201-G	478204.79	1349500.74	100cm	16.00
A2P2-P1-T-202-G	477775.01	1349432.48	100cm	6.72
A2P3-P1-T-203-G	477205.79	1349415.59	100cm	5.91
A2P3-P1-10A-1-G	477023.4	1349335.38	100cm	0.06
A2P3-P1-11A-1-G	476979.12	1349064.97	100cm	10.80
A2P2-P1-19A-1-G	478127.84	1349916.19	100cm	6.51
A2P3-P1-23D-1-G	478458.32	1349525.68	100cm	9.25
A2P3-P1-23D-2-G	478456.65	1349561.76	100cm	15.60
A2P3-P1-23D-3-G	478423.31	1349544.02	100cm	6.82
A2P3-P1-23D-3-G-D	478423.31	1349544.02	100cm	8.22
A2P3-P1-23D-4-G	478391.11	1349560.74	100cm	0.06
A2P3-P1-23D-5-G	478320.46	1349558.86	100cm	10.30

APPENDIX B
HPGe RESULTS FOR TOTAL URANIUM

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (ppm)
A2P3-P1-23D-6-G	478362.11	1349575.45	100cm	10.90
A2P3-P1-23D-7-G	478423.76	1349577.35	100cm	11.70
A2P3-P1-24A-1-G	478459.64	1349485.55	100cm	8.04
A2P3-P1-24A-2-G	478435.08	1349502.46	100cm	7.53
A2P3-P1-24A-3-G	478398.96	1349522.69	100cm	8.65
A2P3-P1-24A-4-G	478354.64	1349539.2	100cm	8.14
A2P3-P1-24A-5-G	478288.87	1349536.77	100cm	<MDC
A2P3-P1-24A-6-G	478321.69	1349517.47	100cm	13.10
A2P3-P1-24A-7-G	478356.04	1349499.23	100cm	10.80
A2P3-P1-24A-8-G	478391.89	1349480.58	100cm	0.04
A2P3-P1-24A-9-G	478425.82	1349465.62	100cm	10.00
A2P3-P1-24A-10-G	478426.35	1349425.52	100cm	7.29
A2P3-P1-24A-11-G	478392.87	1349441.47	100cm	11.40
A2P3-P1-24A-12-G	478358.52	1349462.45	100cm	0.06
A2P3-P1-24A-13-G	478324.34	1349478.59	100cm	8.53
A2P3-P1-24A-14-G	478292.3	1349459.46	100cm	17.00
A2P3-P1-24A-15-G	478326.58	1349438.75	100cm	0.08
A2P3-P1-24A-16-G	478362.16	1349421.43	100cm	10.80
A2P3-P1-24A-17-G	478396.25	1349401.38	100cm	14.00
A2P3-P1-24A-18-G	478430.74	1349383.21	100cm	13.80
A2P3-P1-24A-18-GD	478430.74	1349383.21	100cm	11.80
A2P3-P1-24A-19-G	478430.58	1349345.94	100cm	13.70
A2P3-P1-24A-20-G	478397.98	1349362.13	100cm	17.20
A2P3-P1-24A-21-G	478364.87	1349381.49	100cm	19.60
A2P3-P1-24A-22-G	478327.1	1349405.54	100cm	13.90
A2P3-P1-24A-23-G	478294.51	1349418.85	100cm	12.60
A2P3-P1-24A-24-G	478259.2	1349440.85	100cm	0.06
A2P3-P1-24A-25-G	478260.61	1349481.08	100cm	0.04
A2P3-P1-24A-26-G	478295.57	1349377.87	100cm	14.60
A2P3-P1-24A-27-G	478330.47	1349359.51	100cm	13.60
A2P3-P1-24A-28-G	478364.71	1349340.92	100cm	20.30
A2P3-P1-24A-29G	478226.74	1349376.27	100cm	7.64
A2P3-P1-24A-29G-D	478226.74	1349376.27	100cm	10.90
A2P3-P1-24B-1-G	478226.92	1349418.36	100cm	0.06
A2P3-P1-24B-2-G	478194.67	1349370.38	100cm	6.12
A2P3-P1-24C-1-G	478165.85	1349176.94	100cm	13.40
A2P3-P1-24C-2-G	478165.63	1349216.55	100cm	15.70
A2P3-P1-24C-3-G	478131.24	1349243.62	100cm	14.70
A2P3-P1-24C-4-G	478132.06	1349272.29	100cm	16.50
A2P3-P1-24C-5-G	478165.02	1349255.28	100cm	14.40
A2P3-P1-24C-6-G	478164.35	1349293.59	100cm	12.90
A2P3-P1-24C-7-G	478130.06	1349310.87	100cm	15.40
A2P3-P1-24C-8-G	478200.54	1349315.43	100cm	14.40
A2P3-P1-24D-1-G	478397.67	1349320.7	100cm	23.10
A2P3-P1-24D-2-G	478398.49	1349284.67	100cm	32.40
A2P3-P1-24D-3-G	478366.39	1349301.38	100cm	48.20
A2P3-P1-24D-4-G	478332.53	1349321.5	100cm	23.30

APPENDIX B
HPGe RESULTS FOR TOTAL URANIUM

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (ppm)
A2P3-P1-24D-4-G-D	478332.53	1349321.5	100cm	25.80
A2P3-P1-24D-5-G	478297.95	1349338.94	100cm	16.60
A2P3-P1-24D-5-G	478297.95	1349338.94	100cm	13.70
A2P3-P1-24D-6-G	478262.41	1349355.97	100cm	11.70
A2P3-P1-24D-7-G	478228.16	1349338.62	100cm	13.30
A2P3-P1-24D-7-G-D	478228.16	1349338.62	100cm	13.70
A2P3-P1-24D-8-G	478265.15	1349317.25	100cm	13.80
A2P3-P1-24D-9-G	478299.57	1349299.97	100cm	13.10
A2P3-P1-24D-10-G	478335.52	1349280.3	100cm	37.60
A2P3-P1-24D-11-G	478367.03	1349262.87	100cm	39.50
A2P3-P1-24D-12-G	478399.82	1349243.47	100cm	41.20
A2P3-P1-24D-13-G	478370.61	1349223.66	100cm	45.70
A2P3-P1-24D-14-G	478333.89	1349243.13	100cm	34.90
A2P3-P1-24D-15-G	478301.43	1349261.62	100cm	20.60
A2P3-P1-24D-16-G	478266.86	1349279.65	100cm	15.20
A2P3-P1-24D-17-G	478228.46	1349300.02	100cm	20.90
A2P3-P1-24D-18-G	478197.51	1349277.7	100cm	16.80
A2P3-P1-24D-19-G	478231.24	1349259.79	100cm	43.00
A2P3-P1-24D-20-G	478268.78	1349240.82	100cm	17.10
A2P3-P1-24D-21-G	478304.16	1349221.55	100cm	39.30
A2P3-P1-24D-22-G	478337.79	1349199.66	100cm	26.30
A2P3-P1-24D-23-G	478371.47	1349180.91	100cm	23.10
A2P3-P1-24D-24-G	478372.17	1349141.11	100cm	11.10
A2P3-P1-24D-25-G	478338.86	1349157.32	100cm	16.90
A2P3-P1-24D-26-G	478305.55	1349181.24	100cm	16.10
A2P3-P1-24D-27-G	478272.18	1349199.07	100cm	19.40
A2P3-P1-24D-28-G	478234.26	1349219.09	100cm	18.40
A2P3-P1-24D-29-G	478201.13	1349238.13	100cm	22.00
A2P3-P1-24D-30-G	478203.19	1349199.8	100cm	14.20
A2P3-P1-24D-31-G	478239.3	1349180.61	100cm	14.90
A2P3-P1-24D-32-G	478273.27	1349160.76	100cm	13.50
A2P3-P1-24D-33-G	478308.95	1349139.16	100cm	16.60
A2P3-P1-25A-1-G	478341.44	1349116.56	100cm	11.30
A2P3-P1-25A-2-G	478310.66	1349099.59	100cm	9.17
A2P3-P1-25A-3-G	478274.88	1349122	100cm	17.00
A2P3-P1-25A-4-G	478240.83	1349142.23	100cm	15.60
A2P3-P1-25A-5-G	478204.06	1349160.9	100cm	13.40
A2P3-P1-25A-6-G	478167.49	1349137.75	100cm	12.90
A2P3-P1-25A-7-G	478205.39	1349121	100cm	15.40
A2P3-P1-25A-8-G	478242.6	1349102.92	100cm	19.40
A2P3-P1-25A-9-G	478206.21	1349083.63	100cm	10.80
A2P3-P1-25A-10-G	478168.09	1349098.04	100cm	14.70
A2P3-P1-25B-1-G	478094.72	1349134.69	100cm	14.90
A2P3-P1-25B-2-G	478066.4	1349114.94	100cm	16.50
A2P3-P1-25B-3-G	478067.26	1349150.64	100cm	19.60
A2P3-P1-25B-4-G	478031.58	1349127.46	100cm	16.00
A2P3-P1-25B-5-G	478034.72	1349094.25	100cm	14.70

APPENDIX B
HPGe RESULTS FOR TOTAL URANIUM

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (ppm)
A2P3-P1-25B-6-G	478062.65	1349071.95	100cm	14.10
A2P3-P1-25B-7-G	477997.49	1349107.59	100cm	14.40
A2P3-P1-25B-8-G	477970.59	1349094.19	100cm	12.80
A2P3-P1-25B-8-GD	477970.59	1349094.19	100cm	11.60
A2P3-P1-25B-9-G	477966.04	1349126.94	100cm	9.97
A2P3-P1-25B-11-G	478094.63	1349094.38	100cm	11.80
A2P3-P1-25B-11-G-D	478094.63	1349094.38	100cm	13.60
A2P3-P1-25B-12-G	478128.97	1349078.46	100cm	9.91
A2P3-P1-27B-1-G	478460.56	1349447.21	100cm	8.88
A2P3-P1-27B-1-G-D	478460.56	1349447.21	100cm	11.90
A2P3-P1-27B-2-G	478462.18	1349408.06	100cm	16.80
A2P3-P1-27B-3-G	478465.17	1349365.25	100cm	19.50
A2P3-P1-27B-4-G	478436.11	1349329.42	100cm	17.00
A2P3-P1-27B-10-G	478092.48	1349056.94	100cm	14.30
A2P3-P1-27B-10-G-D	478092.48	1349056.94	100cm	10.30
A2P3-P1-27C-1-G	478432.39	1349306.98	100cm	26.80
A2P3-P1-27C-2-G	478433.68	1349271.33	100cm	33.30
A2P3-P1-27C-3-G	478409.16	1349202.23	100cm	22.00
A2P3-P1-27C-4-G	478404.99	1349162.12	100cm	18.70
A2P3-P1-27C-5-G	478436.48	1349187.06	100cm	20.70
A2P3-P1-27C-6-G	478435.02	1349228.18	100cm	17.70
A2P3-P1-27C-7-G	478469.88	1349208.3	100cm	11.60
A2P3-P1-27C-8-G	478466.17	1349250.14	100cm	14.40
A2P3-P1-27C-9-G	478463.64	1349288.21	100cm	13.20
			AVERAGE RESULT	**12.71**
			MINIMUM RESULT	**< MDC**
			MAXIMUM RESULT	**48.20**

MAP # 1

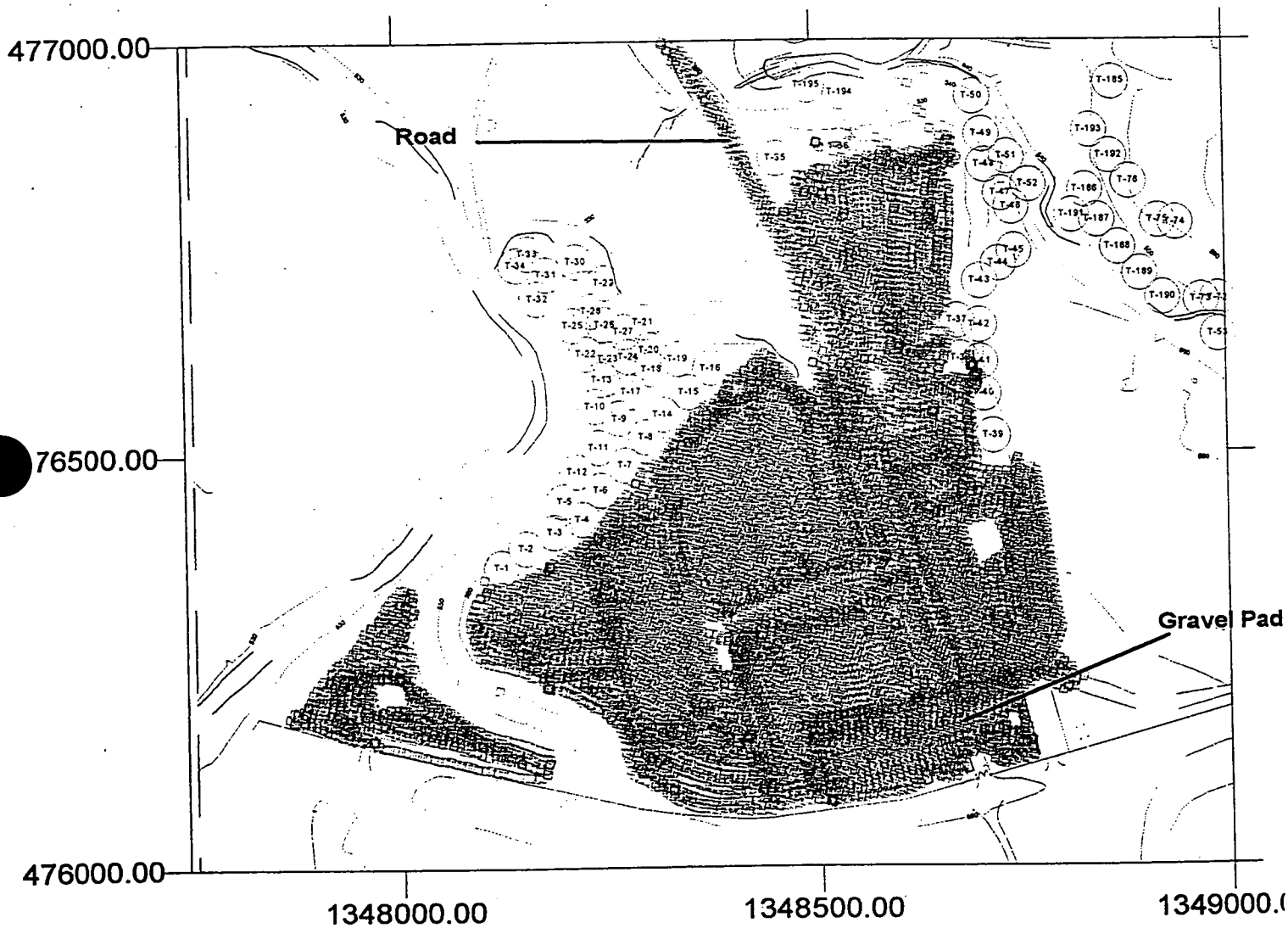
2114

(includes sections # 5,6,7,12,13,&18)

Total Uranium (ppm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Total Uranium (ppm)

- -50.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP1-TU-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP1_TU_2PT_MC.srf
Date Prepared: 3/30/99

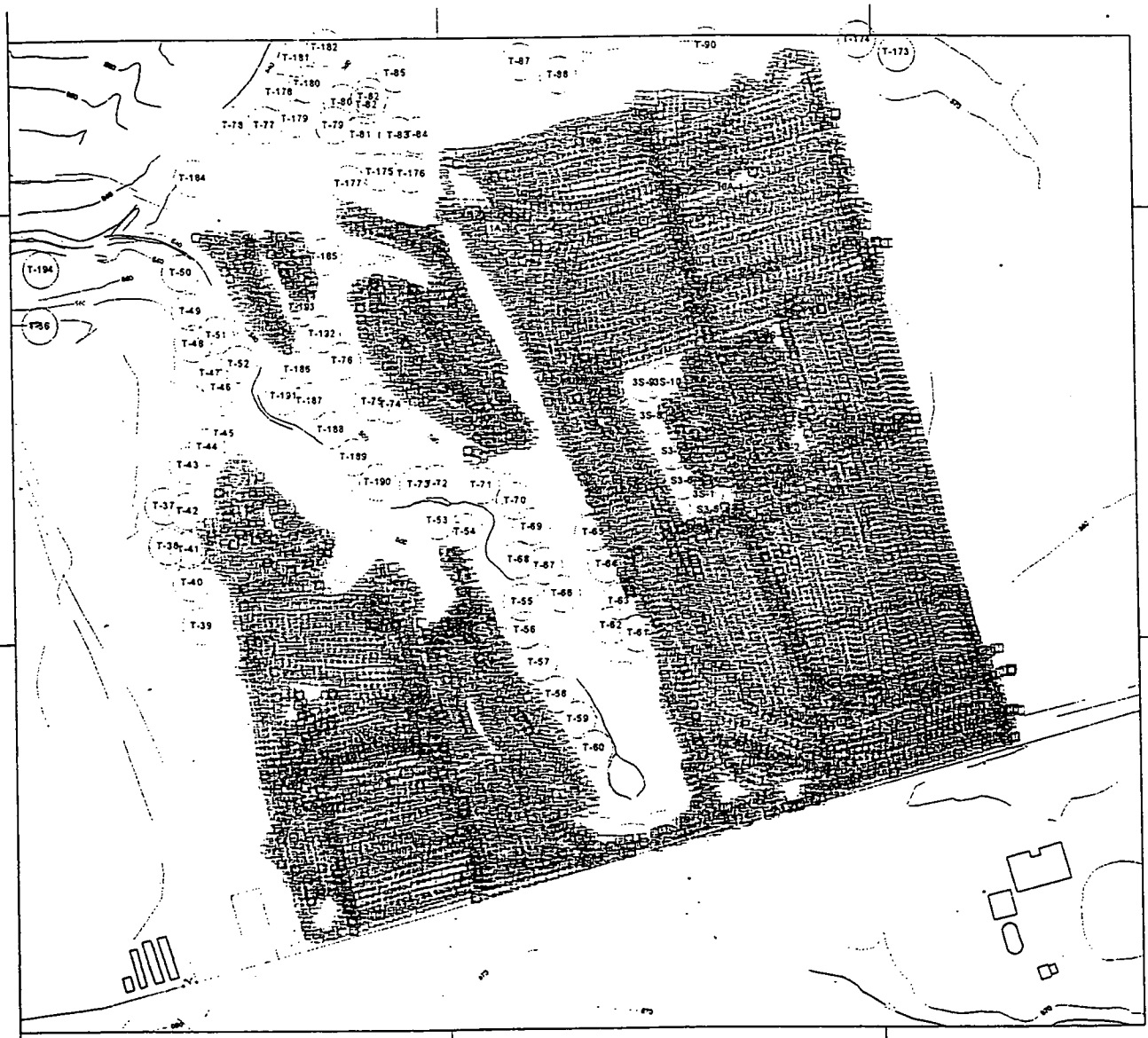
MAP #2

(includes acre # 3,4,10,&11)

Total Uranium (ppm) 2114

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Total Uranium (ppm)

- -60.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP2-TU-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP2_TU_2PT_MC.srf
Date Prepared: 3/30/99

MAP # 3

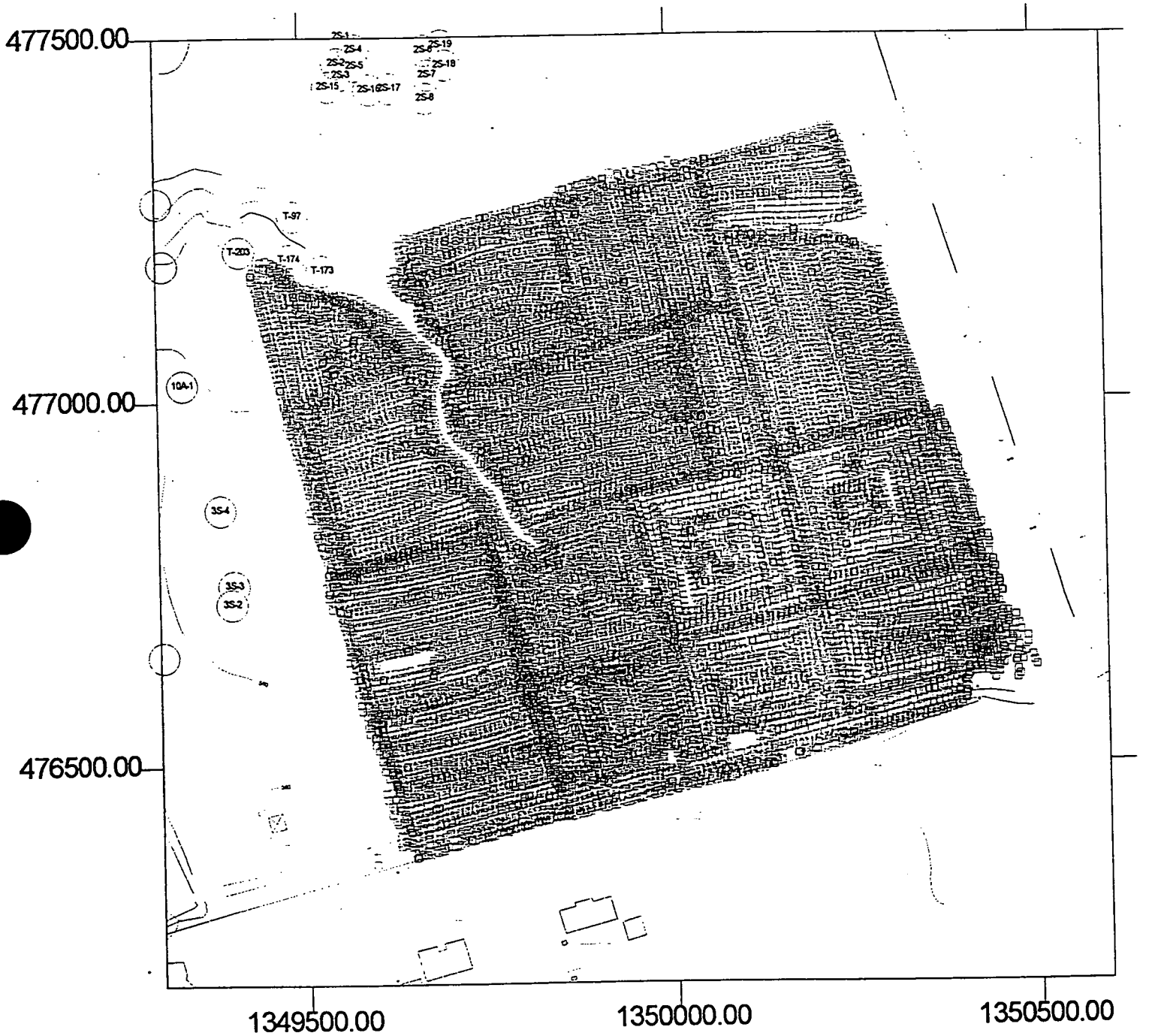
(includes sections # 1,2,8,9)

Total Uranium (ppm)

2114

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
ppm

- -56.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP3-TU-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP3_TU_2PT_MC.srf
Date Prepared: 3/30/99

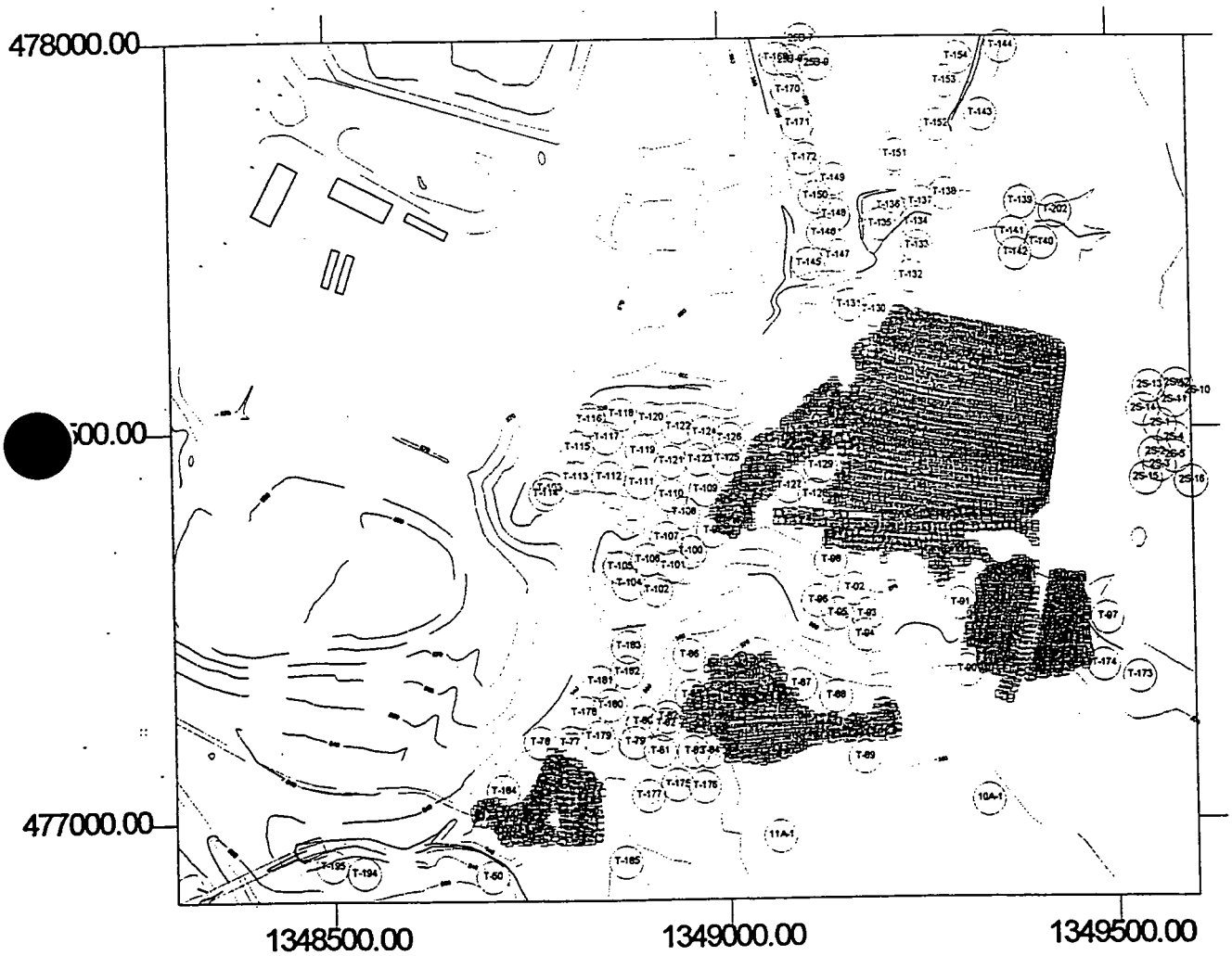
MAP # 4

(includes sections # 16,17, 21, & 22)

Total Uranium (ppm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field of View to Scale

N



Legend
ppm

- -59.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP4-TU-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP4_TU_2PT_MC.srf
Date Prepared: 3/30/99

MAP #5

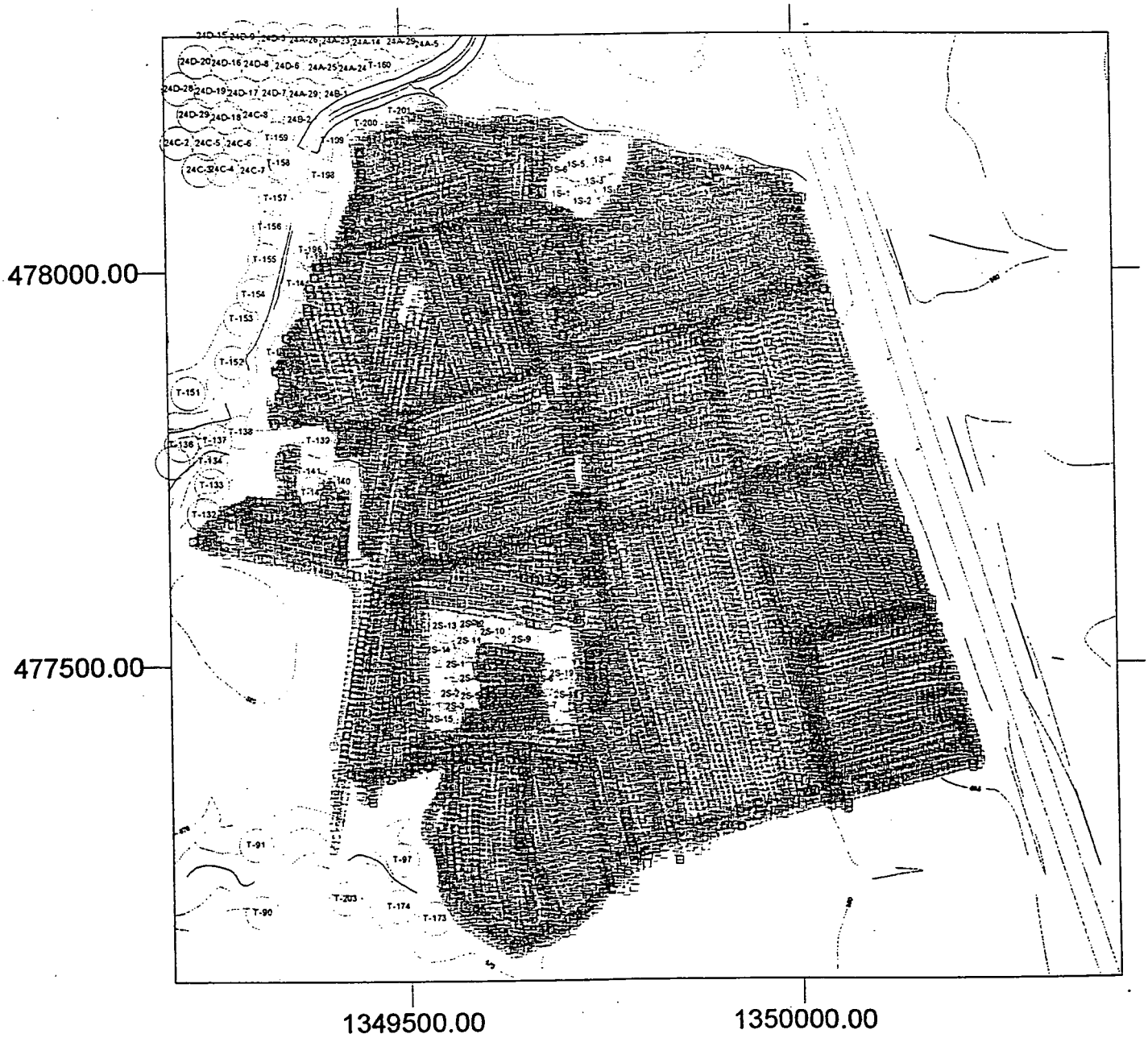
(includes sections # 14,15,19,&20)

2114

Total Uranium (ppm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Total Uranium (ppm)

- -60.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP5-TU-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP5_TU_2PT_MC.srf
Date Prepared: 3/30/99

000115

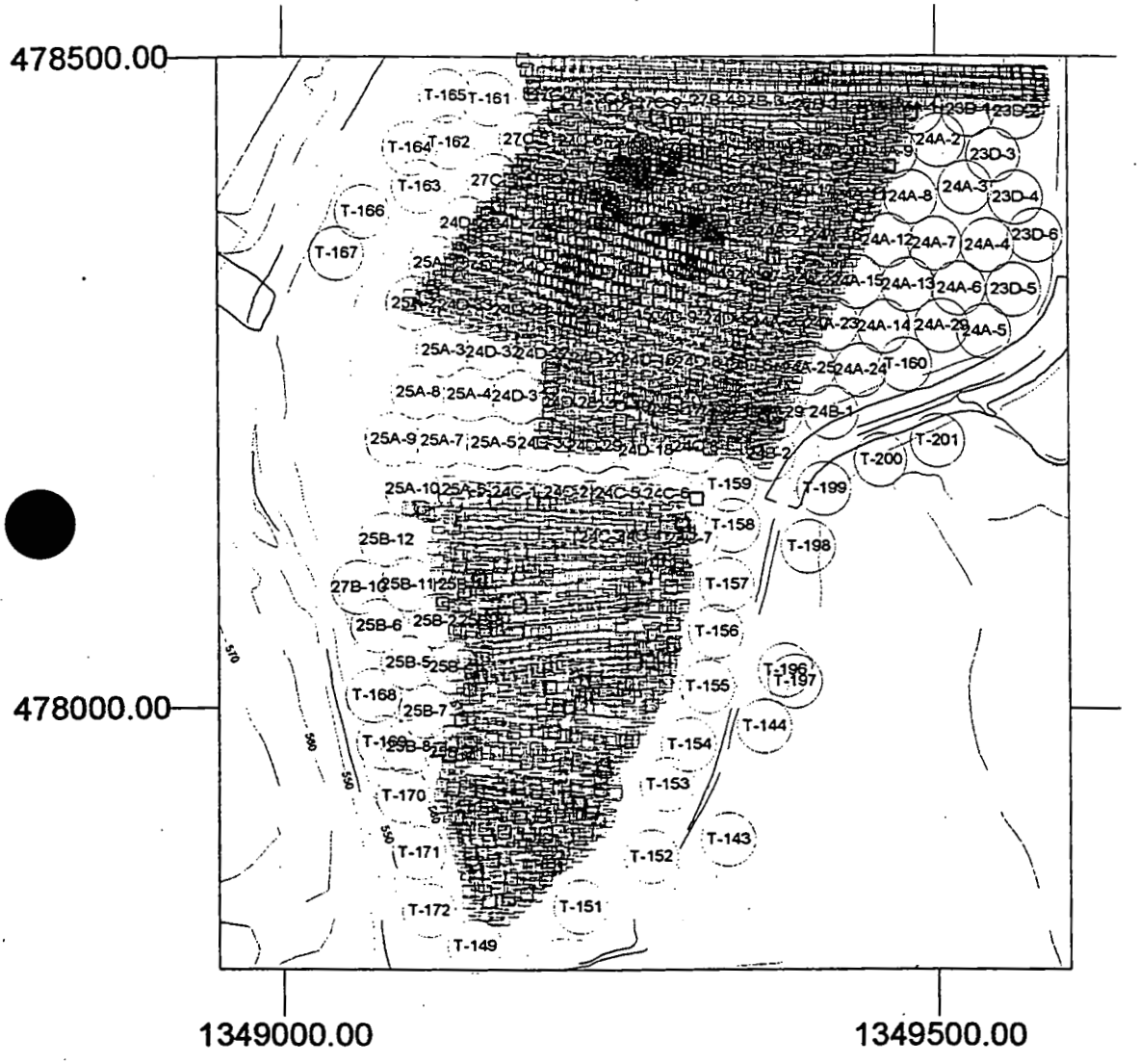
MAP #6

(includes sections #21, 23, 24, 25, & 27)

Total Uranium (ppm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Total Uranium (ppm)

- -50.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP6-TU-2PT-MC
Project no.: 20460-PSP-0001
Project name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP6_TU_2PT_MC.srf
Date prepared: 3/30/99

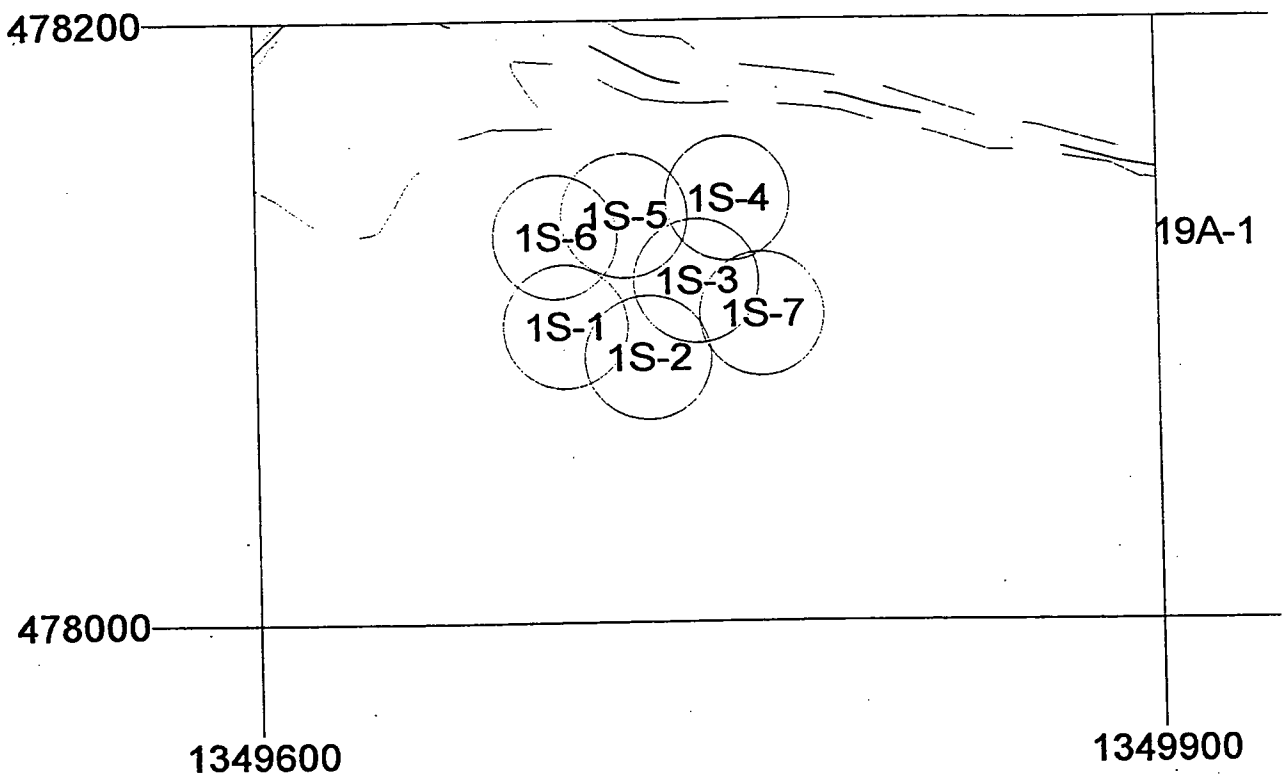
SOIL PILE 1

(MTL-SPO-019)

2114

Total Uranium (ppm)

Moisture Corrected
One Spectra, no average
Coverage Plot, Field Of View to Scale



Legend
Total Uranium (ppm)

- 0.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP1S-TU-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP1S_TU_1PT_MC.srf
Date Prepared: 3/30/99

SOIL PILE 2

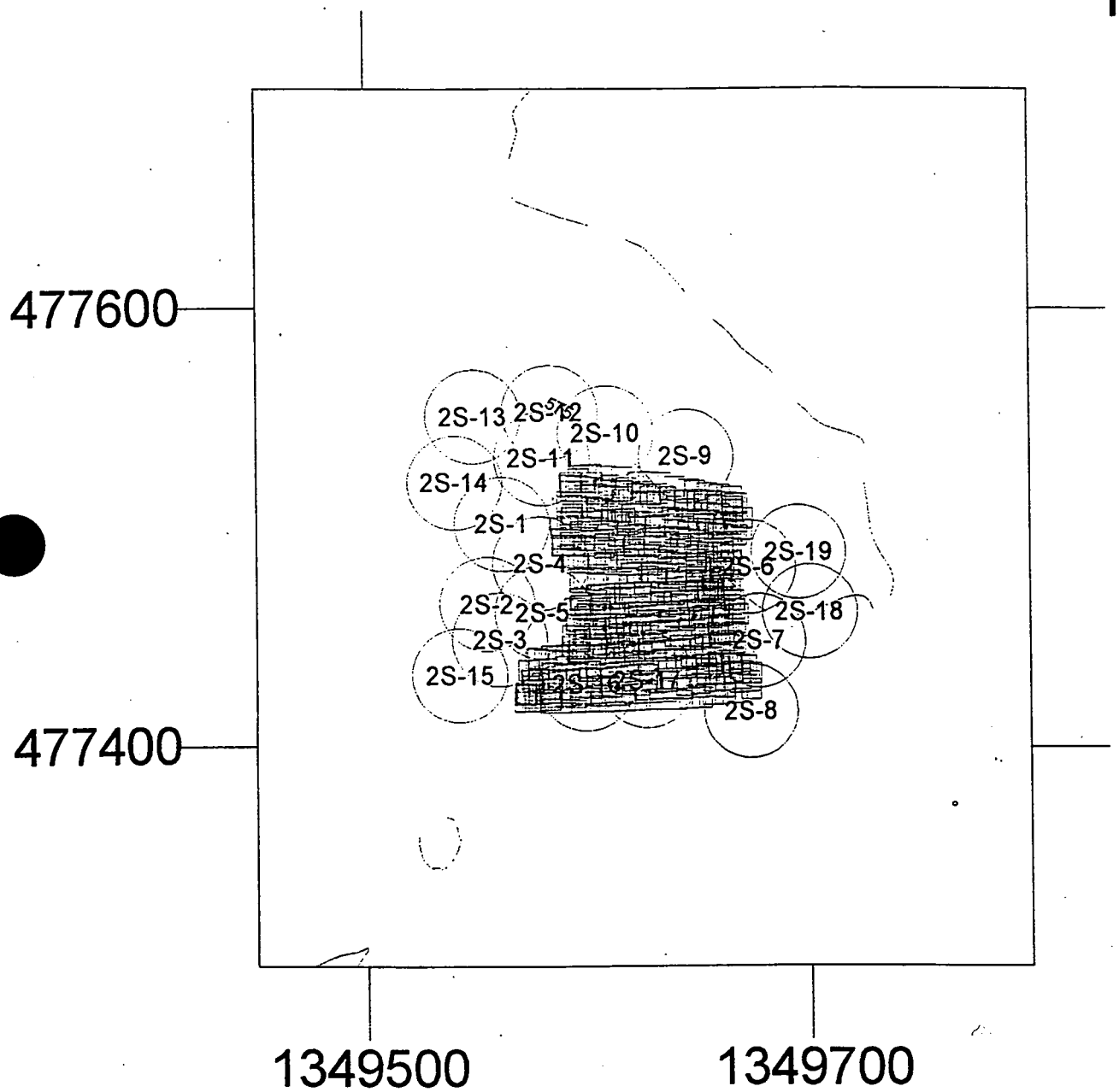
(MTL-SPO-004)

2114

Total Uranium (ppm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Total Uranium (ppm)

- -40.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP2S-TU-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP2S_TU_2PT_MC.srf
Date Prepared: 3/30/99

SOIL PILE 3

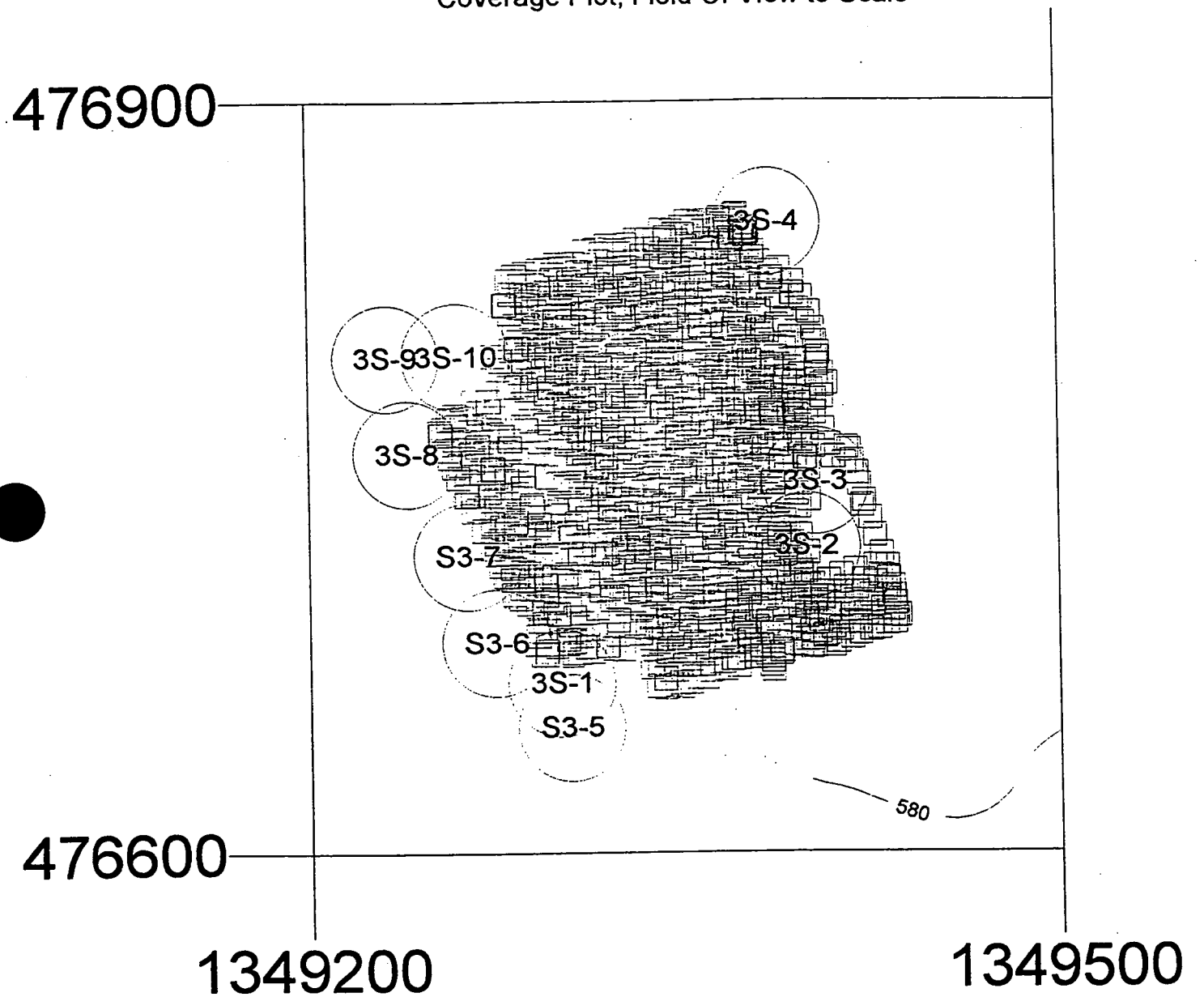
(MTL-SPO-005)

2114

Total Uranium (ppm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Total Uranium (ppm)

- -60.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP3S-TU-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP3S_TU_2PT_MC.srf
Date Prepared: 3/30/99

000119

SOIL PILE 4

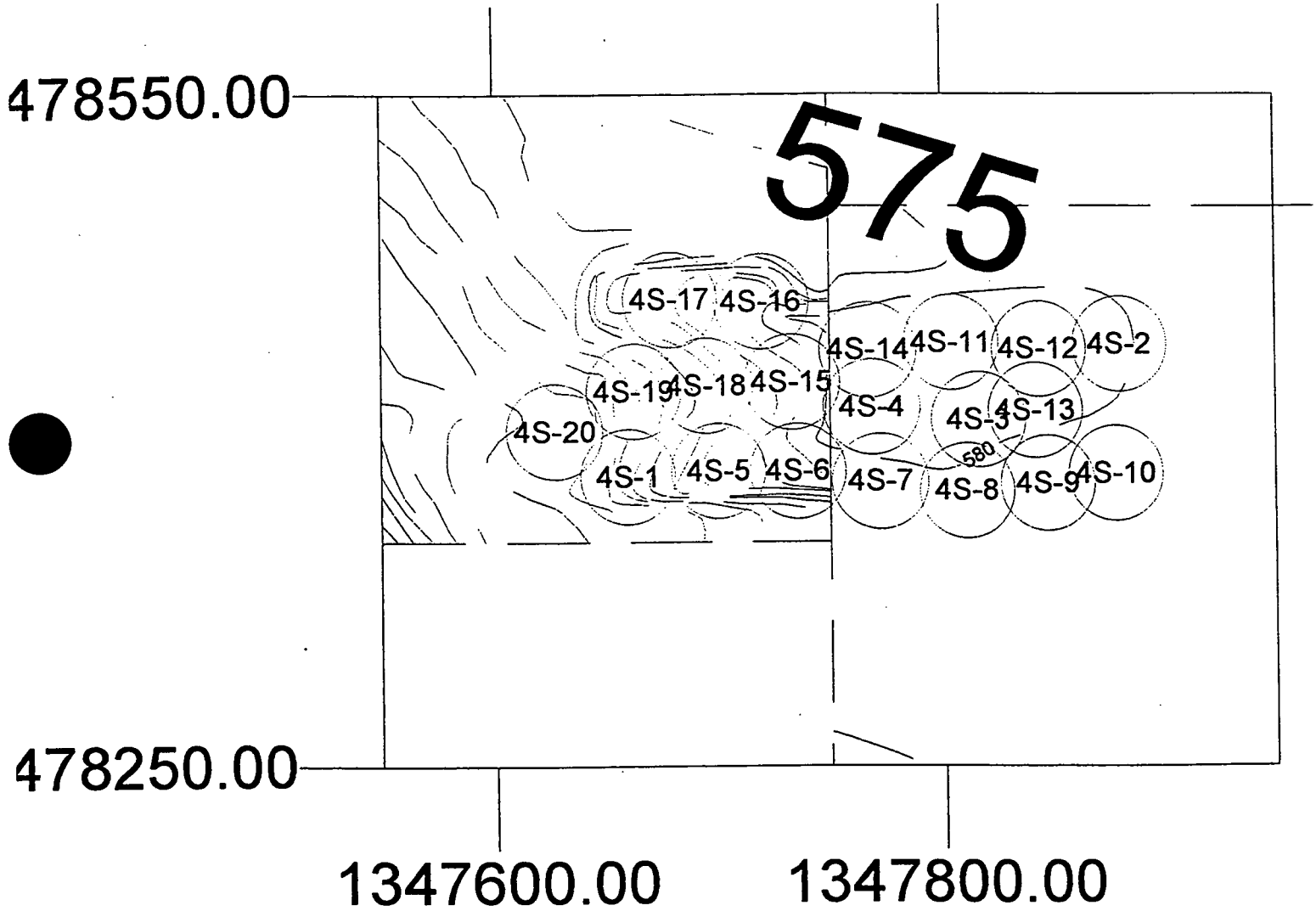
(MTL-HRD-011)

2114

Total Uranium (ppm)

Moisture Corrected
One Spectra, no average
Coverage Plot, Field Of View to Scale

N



Legend
Total Uranium (ppm)

- 0.00 to 82.00
- 82.00 to 164.00
- 164.00 to 246.00
- 246.00 to 400.00
- 400.00 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP4S-TU-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP4S_TU_1PT_MC.srf
Date Prepared: 3/30/99

APPENDIX C
MOBILE NAI AND PHASE I HPGE THORIUM-232 RESULTS

APPENDIX C
HPGe RESULTS FOR THORIUM-238

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-238 (pCi/g)
A2P3-P1-1S-1-G	478098.41	1349703.46	100cm	0.84
A2P3-P1-1S-2-G	478140.33	1349757.44	100cm	0.76
A2P3-P1-1S-3-G	478113.16	1349746.76	100cm	0.75
A2P3-P1-1S-4-G	478140.33	1349757.44	100cm	0.71
A2P3-P1-1S-4-G-D	478140.33	1349757.44	100cm	0.72
A2P3-P1-1S-5-G	478135.02	1349723.38	100cm	0.77
A2P3-P1-1S-6-G	478128.18	1349700.65	100cm	0.82
A2P2-P1-1S-7-G	478102.04	1349768.25	100cm	0.90
A2P3-P1-2S-1-G	477501.71	1349561.21	100cm	0.70
A2P3-P1-2S-2-G	477465.03	1349554.42	100cm	0.91
A2P3-P1-2S-3-G	477448.99	1349560.14	100cm	0.81
A2P3-P1-2S-4-G	477483.73	1349578.52	100cm	0.81
A2P3-P1-2S-5-G	477461.21	1349579.4	100cm	0.72
A2P3-P1-2S-6-G	477481.71	1349672.3	100cm	0.78
A2P3-P1-2S-7-G	477448.06	1349676.63	100cm	0.71
A2P3-P1-2S-8-G	477416.01	1349673	100cm	0.69
A2P3-P1-2S-9-G	477532.35	1349643.97	100cm	0.81
A2P3-P1-2S-10-G	477543.01	1349608.07	100cm	0.73
A2P3-P1-2S-11-G	477531.59	1349579.34	100cm	0.61
A2P2-P1-2S-12-G	477552.73	1349582.89	100cm	0.85
A2P3-P1-2S-13-G	477550.68	1349548.54	100cm	0.76
A2P2-P1-2S-14-G	477520.55	1349540.15	100cm	0.73
A2P2-P1-2S-14-G-D	477520.55	1349540.15	100cm	0.73
A2P3-P1-2S-15-G	477432.49	1349542.05	100cm	0.81
A2P3-P1-2S-16-G	477428.57	1349598.93	100cm	0.75
A2P3-P1-2S-17-G	477429.95	1349625.9	100cm	0.75
A2P3-P1-2S-18-G	477461.31	1349699.89	100cm	0.82
A2P3-P1-2S-19-G	477488.33	1349695	100cm	0.84
A2P3-P1-3S-1-G	476667.66	1349299.87	100cm	0.63
A2P3-P1-3S-2-G	476721.93	1349398.9	100cm	0.71
A2P3-P1-3S-3-G	476747.62	1349402.6	100cm	0.65
A2P3-P1-3S-4-G	476851.5	1349384.65	100cm	0.83
A2P3-P1-3S-5-G	476650.04	1349303.65	100cm	0.83
A2P3-P1-3S-6-G	476683.9	1349274.07	100cm	0.87
A2P3-P1-3S-7-G	476718.54	1349263.38	100cm	0.88
A2P3-P1-3S-8-G	476759.35	1349239.43	100cm	0.95
A2P3-P1-3S-9-G	476797.71	1349231.25	100cm	0.80
A2P3-P1-3S-10-G	476798.26	1349259.33	100cm	0.89
A2P3-P1-4S-1-G	478379.31	1347659.17	100cm	0.67
A2P3-P1-4S-2-G	478438.17	1344880.14	100cm	0.70
A2P3-P1-4S-3-G	478404.4	1347816.13	100cm	0.72
A2P3-P1-4S-4-G	478410.05	1347768.52	100cm	0.79
A2P3-P1-4S-4-G-D	478410.05	1347768.52	100cm	0.83
A2P3-P1-4S-5-G	478381.76	1347699.99	100cm	0.67
A2P3-P1-4S-6-G	478381.63	1347735.57	100cm	0.72
A2P3-P1-4S-7-G	478376.97	1347772.27	100cm	0.76
A2P3-P1-4S-8-G	478372.87	1347810.77	100cm	0.76

APPENDIX C
HPGe RESULTS FOR THORIUM-238

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-238 (pCi/g)
A2P3-P1-4S-9-G	478376.07	1347847.33	100cm	0.83
A2P3-P1-4S-10-G	478380.56	1347877.97	100cm	0.77
A2P3-P1-4S-11-G	478438.93	1347803.84	100cm	0.77
A2P3-P1-4S-12-G	478436.17	1347843.51	100cm	0.82
A2P3-P1-4S-13-G	478408.73	1347841.87	100cm	0.77
A2P3-P1-4S-14-G	478435.7	1347767.17	100cm	0.78
A2P3-P1-4S-15-G	478421.27	1347733.25	100cm	0.84
A2P3-P1-4S-16-G	478457.33	1347719.71	100cm	0.76
A2P3-P1-4S-17-G	478458.43	1347678.6	100cm	0.72
A2P3-P1-4S-18-G	478419.95	1347694.64	100cm	0.90
A2P3-P1-4S-19-G	478417.42	1347662	100cm	0.77
A2P3-P1-4S-20-G	478399.65	1347626.61	100cm	0.80
A2P3-P1-T-1-G	476363.31	1348121.87	100cm	0.51
A2P3-P1-T-2-G	476386.61	1348151.89	100cm	0.47
A2P3-P1-T-3-G	476406.03	1348186.29	100cm	0.53
A2P3-P1-T-4-G	476421.29	1348219.75	100cm	0.60
A2P3-P1-T-5-G	476442.9	1348198.16	100cm	0.65
A2P3-P1-T-6-G	476456.77	1348242.41	100cm	0.61
A2P3-P1-T-7-G	476486.47	1348272.35	100cm	0.49
A2P3-P1-T-8-G	476520.27	1348298.27	100cm	0.60
A2P3-P1-T-9-G	476543.15	1348265.99	100cm	0.52
A2P3-P1-T-10-G	476557.96	1348237.22	100cm	0.61
A2P3-P1-T-11-G	476508.15	1348240.07	100cm	0.62
A2P3-P1-T-12-G	476479.13	1348213.83	100cm	0.59
A2P3-P1-T-13-G	476590.46	1348245.5	100cm	0.50
A2P3-P1-T-14-G	476547.47	1348319	100cm	0.60
A2P3-P1-T-15-G	476574.26	1348350.99	100cm	0.69
A2P3-P1-T-15-G-D	476574.26	1348350.99	100cm	0.66
A2P3-P1-T-16-G	476602.98	1348378.02	100cm	0.71
A2P3-P1-T-17-G	476575.26	1348280.95	100cm	0.58
A2P3-P1-T-18-G	476602.84	1348306.03	100cm	0.75
A2P3-P1-T-19-G	476614.52	1348337.82	100cm	0.62
A2P3-P1-T-20-G	476626.17	1348303.25	100cm	0.60
A2P3-P1-T-21-G	476659.64	1348296.59	100cm	0.64
A2P3-P1-T-22-G	476621.58	1348226.79	100cm	0.44
A2P3-P1-T-23-G	476616.17	1348253.44	100cm	0.54
A2P3-P1-T-24-G	476618.04	1348278.34	100cm	0.72
A2P3-P1-T-25-G	476656.34	1348211.88	100cm	0.32
A2P3-P1-T-26-G	476657.27	1348250	100cm	0.42
A2P3-P1-T-27-G	476648.45	1348272.71	100cm	0.61
A2P3-P1-T-28-G	476673.62	1348234.37	100cm	0.32
A2P3-P1-T-29-G	476707.74	1348250.2	100cm	0.46
A2P3-P1-T-30-G	476733.6	1348216.15	100cm	0.58
A2P3-P1-T-31-G	476718.11	1348180.93	100cm	0.88
A2P3-P1-T-32-G	476688.81	1348170.2	100cm	0.65
A2P3-P1-T-33-G	476743.5	1348159.65	100cm	0.73
A2P3-P1-T-34-G	476729.6	1348145.22	100cm	0.78

APPENDIX C
HPGe RESULTS FOR THORIUM-238

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-238 (pCi/g)
A2P3-P1-T-35-G	476856.55	1348458.54	100cm	0.64
A2P3-P1-T-36-G	476869.95	1348534.79	100cm	0.87
A2P3-P1-T-37-G	476659.36	1348675.26	100cm	0.70
A2P3-P1-T-38-G	476613.13	1348679.44	100cm	0.72
A2P3-P1-T-39-G	476519.82	1348716.1	100cm	0.70
A2P3-P1-T-40-G	476570.78	1348705.83	100cm	0.66
A2P3-P1-T-41-G	476609.4	1348702.46	100cm	0.80
A2P3-P1-T-42-G	476653.74	1348702.03	100cm	0.81
A2P3-P1-T-43-G	4766707.16	1348703.36	100cm	0.86
A2P3-P1-T-44-G	476728.16	1348726.16	100cm	0.66
A2P3-P1-T-45-G	476743.59	1348745.49	100cm	0.81
A2P3-P1-T-46-G	476796.5	1348742.92	100cm	0.75
A2P3-P1-T-47-G	476813.25	1348730.43	100cm	0.50
A2P3-P1-T-48-G	476847.57	1348711.22	100cm	0.76
A2P3-P1-T-49-G	476884.85	1348708.8	100cm	0.78
A2P3-P1-T-50-G	476930.36	1348698.01	100cm	0.75
A2P3-P1-T-51-G	476857.52	1348738.28	100cm	0.72
A2P3-P1-T-52-G	476823.75	1348764.43	100cm	0.74
A2P3-P1-T-53-G	476640.97	1348991.62	100cm	0.47
A2P3-P1-T-54-G	476627.58	1349023.09	100cm	0.51
A2P3-P1-T-55-G	476545.11	1349086.6	100cm	0.50
A2P3-P1-T-56-G	476512.47	1349089.4	100cm	0.60
A2P3-P1-T-57-G	476474.72	1349105.04	100cm	0.65
A2P3-P1-T-58-G	476437.77	1349123.94	100cm	0.49
A2P3-P1-T-59-G	476408.14	1349148.66	100cm	0.71
A2P3-P1-T-60-G	476374.22	1349166.89	100cm	0.50
A2P3-P1-T-61-G	476507.5	1349220	100cm	0.77
A2P3-P1-T-62-G	476517.16	1349188.48	100cm	0.87
A2P3-P1-T-63-G	476544.73	1349198.13	100cm	0.71
A2P3-P1-T-64-G	476587.62	1349184.8	100cm	0.76
A2P3-P1-T-65-G	476624.99	1349170	100cm	0.80
A2P3-P1-T-66-G	476554.65	1349132.45	100cm	0.69
A2P3-P1-T-67-G	476587.51	1349112.67	100cm	0.63
A2P3-P1-T-68-G	476594.77	1349083.43	100cm	0.59
A2P3-P1-T-69-G	476632.75	1349098.81	100cm	0.67
A2P3-P1-T-70-G	476662.92	1349080.68	100cm	0.55
A2P3-P1-T-71-G	476681.83	1349041.95	100cm	0.76
A2P3-P1-T-72-G	476683.95	1348991.61	100cm	0.68
A2P3-P1-T-73-G	476682.9	1348971.41	100cm	0.68
A2P3-P1-T-74-G	476776.2	1348941.47	100cm	0.61
A2P3-P1-T-75-G	476778.99	1348920.13	100cm	0.59
A2P3-P1-T-76-G	476827.31	1348885.95	100cm	0.77
A2P3-P1-T-77-G	477101.22	1348798.44	100cm	1.10
A2P3-P1-T-78-G	477101.36	1348761.88	100cm	1.07
A2P3-P1-T-79-G	477100.63	1348879.73	100cm	0.77
A2P3-P1-T-80-G	477127.11	1348889.9	100cm	0.86
A2P3-P1-T-81-G	477089.1	1348911.37	100cm	0.86

APPENDIX C
HPGe RESULTS FOR THORIUM-238

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-238 (pCi/g)
A2P3-P1-T-82-G	477123.86	1348918.5	100cm	0.78
A2P3-P1-T-82-G-D	477123.86	1348918.5	100cm	0.79
A2P3-P1-T-83-G	477087.7	1348954.66	100cm	0.77
A2P3-P1-T-83-G-D	477087.7	1348954.66	100cm	0.77
A2P3-P1-T-84-G	477089.62	1348977.53	100cm	0.80
A2P3-P1-T-85-G	477159.76	1348952.02	100cm	0.77
A2P3-P1-T-86-G	477211.63	1348950.25	100cm	0.79
A2P3-P1-T-87-G	477172.21	1349093.42	100cm	0.72
A2P3-P1-T-88-G	477156.33	1349137.25	100cm	0.66
A2P3-P1-T-89-G	477078.24	1349173.56	100cm	0.64
A2P3-P1-T-90-G	477188.05	1349309.07	100cm	0.75
A2P3-P1-T-91-G	477273.66	1349302.34	100cm	0.83
A2P3-P1-T-92-G	477294.01	1349163.08	100cm	0.71
A2P3-P1-T-93-G	477260.68	1349178.9	100cm	0.75
A2P3-P1-T-94-G	477234.47	1349175.68	100cm	0.72
A2P3-P1-T-95-G	477262.08	1349141.32	100cm	0.80
A2P3-P1-T-96-G	477278.97	1349116.81	100cm	0.88
A2P3-P1-T-97-G	477254.57	1349490.36	100cm	0.75
A2P3-P1-T-97-G-D	477254.57	1349490.36	100cm	0.75
A2P3-P1-T-98-G	477329.81	1349134.06	100cm	0.70
A2P3-P1-T-99-G	477369.93	1348983.62	100cm	0.80
A2P3-P1-T-100-G	477343.51	1348954.49	100cm	0.59
A2P3-P1-T-101-G	477325.15	1348931.46	100cm	0.55
A2P3-P1-T-102-G	477295.06	1348909.76	100cm	0.53
A2P3-P1-T-103-G	477426.9	1348778.97	100cm	0.51
A2P3-P1-T-104-G	477303.86	1348875.08	100cm	0.76
A2P3-P1-T-105-G	477325.2	1348864.79	100cm	0.63
A2P3-P1-T-106-G	477334.24	1348899.42	100cm	0.59
A2P3-P1-T-107-G	477361.86	1348923.8	100cm	0.68
A2P3-P1-T-108-G	477393.64	1348946.62	100cm	0.75
A2P3-P1-T-109-G	477422.6	1348975.15	100cm	0.71
A2P3-P1-T-110-G	477416.45	1348930.58	100cm	0.77
A2P3-P1-T-111-G	477432.93	1348892.68	100cm	0.71
A2P3-P1-T-112-G	477440.31	1348851.99	100cm	0.64
A2P3-P1-T-112-G-D	477440.31	1348851.99	100cm	0.65
A2P3-P1-T-113-G	477440.67	1348810.72	100cm	0.73
A2P3-P1-T-114-G	477419.77	1348773.39	100cm	0.71
A2P3-P1-T-115-G	477478.99	1348813.89	100cm	0.74
A2P3-P1-T-116-G	477514.18	1348829.61	100cm	0.77
A2P3-P1-T-117-G	477490.67	1348850.48	100cm	0.76
A2P3-P1-T-118-G	477520.8	1348868.92	100cm	0.64
A2P3-P1-T-119-G	477473.62	1348894.98	100cm	0.69
A2P3-P1-T-120-G	477515.67	1348906.64	100cm	0.74
A2P3-P1-T-121-G	477459.45	1348931.37	100cm	0.73
A2P3-P1-T-122-G	477503.12	1348941.3	100cm	0.80
A2P3-P1-T-123-G	477461.36	1348968.12	100cm	0.68
A2P3-P1-T-124-G	477495.79	1348974.68	100cm	0.76

APPENDIX C
HPGe RESULTS FOR THORIUM-238

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-238 (pCi/g)
A2P3-P1-T-125-G	477462.24	1349003.81	100cm	0.77
A2P3-P1-T-126-G	477487.81	1349007.39	100cm	0.77
A2P3-P1-T-127-G	477425.5	1349083.19	100cm	0.73
A2P3-P1-T-128-G	477414.3	1349115.27	100cm	0.68
A2P3-P1-T-129-G	477451.12	1349122.83	100cm	0.60
A2P3-P1-T-130-G	477649.58	1349195.03	100cm	0.51
A2P3-P1-T-131-G	477656.78	1349162.61	100cm	0.67
A2P3-P1-T-132-G	477692.91	1349243.99	100cm	0.56
A2P3-P1-T-133-G	477730.78	1349253.63	100cm	0.59
A2P3-P1-T-134-G	477760.95	1349252.22	100cm	0.67
A2P3-P1-T-135-G	477759.61	1349205.05	100cm	0.55
A2P3-P1-T-136-G	477782.34	1349216.68	100cm	0.73
A2P3-P1-T-137-G	477787.04	1349258.39	100cm	0.53
A2P3-P1-T-138-G	477798.13	1349291	100cm	0.76
A2P3-P1-T-139-G	477786.91	1349388.3	100cm	0.96
A2P3-P1-T-140-G	477734.32	1349414.58	100cm	0.85
A2P3-P1-T-141-G	477747.76	1349376.38	100cm	0.83
A2P3-P1-T-141-G-D	477747.76	1349376.38	100cm	0.84
A2P3-P1-T-142-G	477720.73	1349380.58	100cm	0.78
A2P3-P1-T-143-G	477899.44	1349338.82	100cm	0.71
A2P3-P1-T-144-G	477985.98	1349366.21	100cm	0.85
A2P3-P1-T-145-G	477710.08	1349112.66	100cm	0.46
A2P3-P1-T-146-G	477748.83	1349132.03	100cm	0.67
A2P3-P1-T-147-G	477719.56	1349150.02	100cm	0.45
A2P3-P1-T-148-G	477772.48	1349146.01	100cm	0.61
A2P3-P1-T-149-G	477817.74	1349145.07	100cm	0.62
A2P3-P1-T-150-G	477795.64	1349122.72	100cm	0.73
A2P3-P1-T-150-G	477795.64	1349122.72	100cm	0.64
A2P3-P1-T-151-G	477847.91	1349226.31	100cm	0.72
A2P3-P1-T-152-G	477886.51	1349280.66	100cm	0.66
A2P3-P1-T-153-G	477942	1349293.01	100cm	0.67
A2P3-P1-T-153-G	477942	1349293.01	100cm	0.69
A2P3-P1-T-154-G	477972.19	1349309.37	100cm	0.83
A2P3-P1-T-155-G	478016.6	1349323.45	100cm	0.74
A2P3-P1-T-156-G	478058.52	1349330.42	100cm	0.69
A2P3-P1-T-157-G	478094.65	1349338.54	100cm	0.73
A2P3-P1-T-158-G	478139.92	1349342.97	100cm	0.68
A2P3-P1-T-159-G	478171.48	1349340.58	100cm	0.62
A2P3-P1-T-160-G	478263.36	1349476.31	100cm	0.61
A2P3-P1-T-161-G	478467.49	1349158.81	100cm	0.69
A2P3-P1-T-162-G	478433.87	1349127.55	100cm	0.70
A2P3-P1-T-163-G	478400.08	1349104.01	100cm	0.83
A2P3-P1-T-164-G	478429.51	1349097.08	100cm	0.79
A2P3-P1-T-165-G	478469.56	1349124.67	100cm	0.72
A2P3-P1-T-166-G	478380.84	1349060.94	100cm	0.60
A2P3-P1-T-167-G	478348.9	1349041.5	100cm	0.77
A2P3-P1-T-168-G	478009.37	1349068.16	100cm	0.67

APPENDIX C
HPGe RESULTS FOR THORIUM-238

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-238 (pCi/g)
A2P3-P1-T-169-G	477973.54	1349076.3	100cm	0.62
A2P3-P1-T-169-G-D	477973.54	1349076.3	100cm	0.62
A2P3-P1-T-170-G	477932.68	1349090.51	100cm	0.55
A2P3-P1-T-170-G-D	477932.68	1349090.51	100cm	0.59
A2P3-P1-T-171-G	477889.29	1349102.43	100cm	0.46
A2P3-P1-T-171-G-D	477889.29	1349102.43	100cm	0.48
A2P3-P1-T-172-G	477844.96	1349110.03	100cm	0.39
A2P3-P1-T-173-G	477179.76	1349530.36	100cm	0.69
A2P3-P1-T-174-G	477195.04	1349484.72	100cm	0.73
A2P3-P1-T-175-G	477046.05	1348932.87	100cm	0.77
A2P3-P1-T-176-G	477043.27	1348968.13	100cm	0.74
A2P3-P1-T-176-G-D	477043.27	1348968.13	100cm	0.72
A2P3-P1-T-177-G	477032.44	1348895.91	100cm	0.84
A2P3-P1-T-178-G	477139.4	1348816.16	100cm	0.99
A2P3-P1-T-179-G	477108.72	1348834.16	100cm	0.86
A2P3-P1-T-180-G	477148.68	1348849.32	100cm	0.81
A2P3-P1-T-181-G	477178.92	1348837.17	100cm	1.03
A2P3-P1-T-182-G	477190.84	1348871.04	100cm	0.78
A2P3-P1-T-183-G	477223.42	1348872.9	100cm	0.59
A2P3-P1-T-184-G	477039.69	1348713.33	100cm	0.85
A2P3-P1-T-185-G	476948.29	1348866.44	100cm	0.70
A2P3-P1-T-186-G	476817.11	1348833.15	100cm	0.65
A2P3-P1-T-187-G	476780.39	1348847.17	100cm	0.55
A2P3-P1-T-188-G	476747.27	1348871.81	100cm	0.60
A2P3-P1-T-189-G	476715.63	1348897.68	100cm	0.51
A2P3-P1-T-190-G	476686.1	1348924.95	100cm	0.57
A2P3-P1-T-191-G	476786.37	1348816.52	100cm	0.55
A2P3-P1-T-192-G	476858.22	1348862.63	100cm	0.76
A2P3-P1-T-193-G	476889.6	1348839.44	100cm	0.78
A2P3-P1-T-194-G	476935.69	1348536.45	100cm	0.68
A2P3-P1-T-195-G	476944.61	1348496.7	100cm	0.57
A2P3-P1-T-196-G	478029.11	1349382.13	100cm	0.70
A2P3-P1-T-198-G	478123.96	1349400.39	100cm	0.72
A2P3-P1-T-199-G	478168.08	1349412.71	100cm	0.75
A2P2-P1-T-200-G	478190.16	1349456.6	100cm	0.70
A2P2-P1-T-201-G	478204.79	1349500.74	100cm	0.67
A2P2-P1-T-202-G	477775.01	1349432.48	100cm	0.73
A2P3-P1-T-203-G	477205.79	1349415.59	100cm	0.65
A2P3-P1-10A-1-G	477023.4	1349335.38	100cm	0.69
A2P3-P1-11A-1-G	476979.12	1349064.97	100cm	0.57
A2P2-P1-19A-1-G	478127.84	1349916.19	100cm	0.68
A2P3-P1-23D-1-G	478458.32	1349525.68	100cm	0.78
A2P3-P1-23D-2-G	478456.65	1349561.76	100cm	0.79
A2P3-P1-23D-3-G	478423.31	1349544.02	100cm	0.83
A2P3-P1-23D-3-G-D	478423.31	1349544.02	100cm	0.81
A2P3-P1-23D-4-G	478391.11	1349560.74	100cm	0.76
A2P3-P1-23D-5-G	478320.46	1349558.86	100cm	0.76

APPENDIX C
HPGe RESULTS FOR THORIUM-238

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-238 (pCi/g)
A2P3-P1-23D-6-G	478362.11	1349575.45	100cm	0.63
A2P3-P1-23D-7-G	478423.76	1349577.35	100cm	0.72
A2P3-P1-24A-1-G	478459.64	1349485.55	100cm	0.80
A2P3-P1-24A-2-G	478435.08	1349502.46	100cm	0.79
A2P3-P1-24A-3-G	478398.96	1349522.69	100cm	0.88
A2P3-P1-24A-4-G	478354.64	1349539.2	100cm	0.74
A2P3-P1-24A-5-G	478288.87	1349536.77	100cm	0.62
A2P3-P1-24A-6-G	478321.69	1349517.47	100cm	0.82
A2P3-P1-24A-7-G	478356.04	1349499.23	100cm	0.77
A2P3-P1-24A-8-G	478391.89	1349480.58	100cm	0.82
A2P3-P1-24A-9-G	478425.82	1349465.62	100cm	0.80
A2P3-P1-24A-10-G	478426.35	1349425.52	100cm	0.82
A2P3-P1-24A-11-G	478392.87	1349441.47	100cm	0.86
A2P3-P1-24A-12-G	478358.52	1349462.45	100cm	0.73
A2P3-P1-24A-13-G	478324.34	1349478.59	100cm	0.71
A2P3-P1-24A-14-G	478292.3	1349459.46	100cm	0.62
A2P3-P1-24A-15-G	478326.58	1349438.75	100cm	0.73
A2P3-P1-24A-16-G	478362.16	1349421.43	100cm	0.77
A2P3-P1-24A-17-G	478396.25	1349401.38	100cm	0.81
A2P3-P1-24A-18-G	478430.74	1349383.21	100cm	0.79
A2P3-P1-24A-18-GD	478430.74	1349383.21	100cm	0.81
A2P3-P1-24A-19-G	478430.58	1349345.94	100cm	0.66
A2P3-P1-24A-20-G	478397.98	1349362.13	100cm	0.83
A2P3-P1-24A-21-G	478364.87	1349381.49	100cm	0.77
A2P3-P1-24A-22-G	478327.1	1349405.54	100cm	0.67
A2P3-P1-24A-23-G	478294.51	1349418.85	100cm	0.73
A2P3-P1-24A-24-G	478259.2	1349440.85	100cm	0.76
A2P3-P1-24A-25-G	478260.61	1349481.08	100cm	0.71
A2P3-P1-24A-26-G	478295.57	1349377.87	100cm	0.73
A2P3-P1-24A-27-G	478330.47	1349359.51	100cm	0.72
A2P3-P1-24A-28-G	478364.71	1349340.92	100cm	0.69
A2P3-P1-24A-29G	478226.74	1349376.27	100cm	0.68
A2P3-P1-24A-29G-D	478226.74	1349376.27	100cm	0.69
A2P3-P1-24B-1-G	478226.92	1349418.36	100cm	0.67
A2P3-P1-24B-2-G	478194.67	1349370.38	100cm	0.67
A2P3-P1-24C-1-G	478165.85	1349176.94	100cm	0.67
A2P3-P1-24C-2-G	478165.63	1349216.55	100cm	0.69
A2P3-P1-24C-3-G	478131.24	1349243.62	100cm	0.61
A2P3-P1-24C-4-G	478132.06	1349272.29	100cm	0.64
A2P3-P1-24C-5-G	478165.02	1349255.28	100cm	0.64
A2P3-P1-24C-6-G	478164.35	1349293.59	100cm	0.73
A2P3-P1-24C-7-G	478130.06	1349310.87	100cm	0.69
A2P3-P1-24C-8-G	478200.54	1349315.43	100cm	0.72
A2P3-P1-24D-1-G	478397.67	1349320.7	100cm	0.70
A2P3-P1-24D-2-G	478398.49	1349284.67	100cm	0.69
A2P3-P1-24D-3-G	478366.39	1349301.38	100cm	0.75
A2P3-P1-24D-4-G	478332.53	1349321.5	100cm	0.64

APPENDIX C
HPGe RESULTS FOR THORIUM-238

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-238 (pCi/g)
A2P3-P1-24D-4-G-D	478332.53	1349321.5	100cm	0.64
A2P3-P1-24D-5-G	478297.95	1349338.94	100cm	0.72
A2P3-P1-24D-6-G	478262.41	1349355.97	100cm	0.69
A2P3-P1-24D-7-G	478228.16	1349338.62	100cm	0.75
A2P3-P1-24D-7-G-D	478228.16	1349338.62	100cm	0.79
A2P3-P1-24D-8-G	478265.15	1349317.25	100cm	0.65
A2P3-P1-24D-9-G	478299.57	1349299.97	100cm	0.66
A2P3-P1-24D-10-G	478335.52	1349280.3	100cm	0.73
A2P3-P1-24D-11-G	478367.03	1349262.87	100cm	0.59
A2P3-P1-24D-12-G	478399.82	1349243.47	100cm	0.61
A2P3-P1-24D-13-G	478370.61	1349223.66	100cm	0.65
A2P3-P1-24D-14-G	478333.89	1349243.13	100cm	0.70
A2P3-P1-24D-15-G	478301.43	1349261.62	100cm	0.68
A2P3-P1-24D-16-G	478266.86	1349279.65	100cm	0.69
A2P3-P1-24D-17-G	478228.46	1349300.02	100cm	0.63
A2P3-P1-24D-18-G	478197.51	1349277.7	100cm	0.72
A2P3-P1-24D-19-G	478231.24	1349259.79	100cm	0.67
A2P3-P1-24D-20-G	478268.78	1349240.82	100cm	0.72
A2P3-P1-24D-21-G	478304.16	1349221.55	100cm	0.74
A2P3-P1-24D-22-G	478337.79	1349199.66	100cm	0.75
A2P3-P1-24D-23-G	478371.47	1349180.91	100cm	0.62
A2P3-P1-24D-24-G	478372.17	1349141.11	100cm	0.71
A2P3-P1-24D-25-G	478338.86	1349157.32	100cm	0.75
A2P3-P1-24D-26-G	478305.55	1349181.24	100cm	0.71
A2P3-P1-24D-27-G	478272.18	1349199.07	100cm	0.71
A2P3-P1-24D-28-G	478234.26	1349219.09	100cm	0.72
A2P3-P1-24D-29-G	478201.13	1349238.13	100cm	0.69
A2P3-P1-24D-30-G	478203.19	1349199.8	100cm	0.69
A2P3-P1-24D-31-G	478239.3	1349180.61	100cm	0.64
A2P3-P1-24D-32-G	478273.27	1349160.76	100cm	0.58
A2P3-P1-24D-33-G	478308.95	1349139.16	100cm	0.60
A2P3-P1-25A-1-G	478341.44	1349116.56	100cm	0.68
A2P3-P1-25A-2-G	478310.66	1349099.59	100cm	0.66
A2P3-P1-25A-3-G	478274.88	1349122	100cm	0.64
A2P3-P1-25A-4-G	478240.83	1349142.23	100cm	0.66
A2P3-P1-25A-5-G	478204.06	1349160.9	100cm	0.67
A2P3-P1-25A-6-G	478167.49	1349137.75	100cm	0.69
A2P3-P1-25A-7-G	478205.39	1349121	100cm	0.66
A2P3-P1-25A-8-G	478242.6	1349102.92	100cm	0.56
A2P3-P1-25A-9-G	478206.21	1349083.63	100cm	0.65
A2P3-P1-25A-10-G	478168.09	1349098.04	100cm	0.69
A2P3-P1-25B-1-G	478094.72	1349134.69	100cm	0.66
A2P3-P1-25B-2-G	478066.4	1349114.94	100cm	0.67
A2P3-P1-25B-3-G	478067.26	1349150.64	100cm	0.64
A2P3-P1-25B-4-G	478031.58	1349127.46	100cm	0.70
A2P3-P1-25B-5-G	478034.72	1349094.25	100cm	0.67
A2P3-P1-25B-6-G	478062.65	1349071.95	100cm	0.65

APPENDIX C
HPGe RESULTS FOR THORIUM-238

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-238 (pCi/g)
A2P3-P1-25B-7-G	477997.49	1349107.59	100cm	0.73
A2P3-P1-25B-8-G	477970.59	1349094.19	100cm	0.63
A2P3-P1-25B-8-GD	477970.59	1349094.19	100cm	0.60
A2P3-P1-25B-9-G	477966.04	1349126.94	100cm	0.71
A2P3-P1-25B-11-G	478094.63	1349094.38	100cm	0.70
A2P3-P1-25B-11-G-D	478094.63	1349094.38	100cm	0.72
A2P3-P1-25B-12-G	478128.97	1349078.46	100cm	0.58
A2P3-P1-27B-1-G	478460.56	1349447.21	100cm	0.81
A2P3-P1-27B-1-G-D	478460.56	1349447.21	100cm	0.83
A2P3-P1-27B-2-G	478462.18	1349408.06	100cm	0.82
A2P3-P1-27B-3-G	478465.17	1349365.25	100cm	0.87
A2P3-P1-27B-4-G	478436.11	1349329.42	100cm	0.71
A2P3-P1-27B-10-G	478092.48	1349056.94	100cm	0.68
A2P3-P1-27B-10-G-D	478092.48	1349056.94	100cm	0.66
A2P3-P1-27C-1-G	478432.39	1349306.98	100cm	0.55
A2P3-P1-27C-2-G	478433.68	1349271.33	100cm	0.63
A2P3-P1-27C-3-G	478409.16	1349202.23	100cm	0.63
A2P3-P1-27C-4-G	478404.99	1349162.12	100cm	0.74
A2P3-P1-27C-5-G	478436.48	1349187.06	100cm	0.64
A2P3-P1-27C-6-G	478435.02	1349228.18	100cm	0.77
A2P3-P1-27C-7-G	478469.88	1349208.3	100cm	0.76
A2P3-P1-27C-8-G	478466.17	1349250.14	100cm	0.69
A2P3-P1-27C-9-G	478463.64	1349288.21	100cm	0.66
			AVERAGE RESULT	0.70
			MINIMUM RESULT	0.08
			MAXIMUM RESULT	1.10

MAP # 1

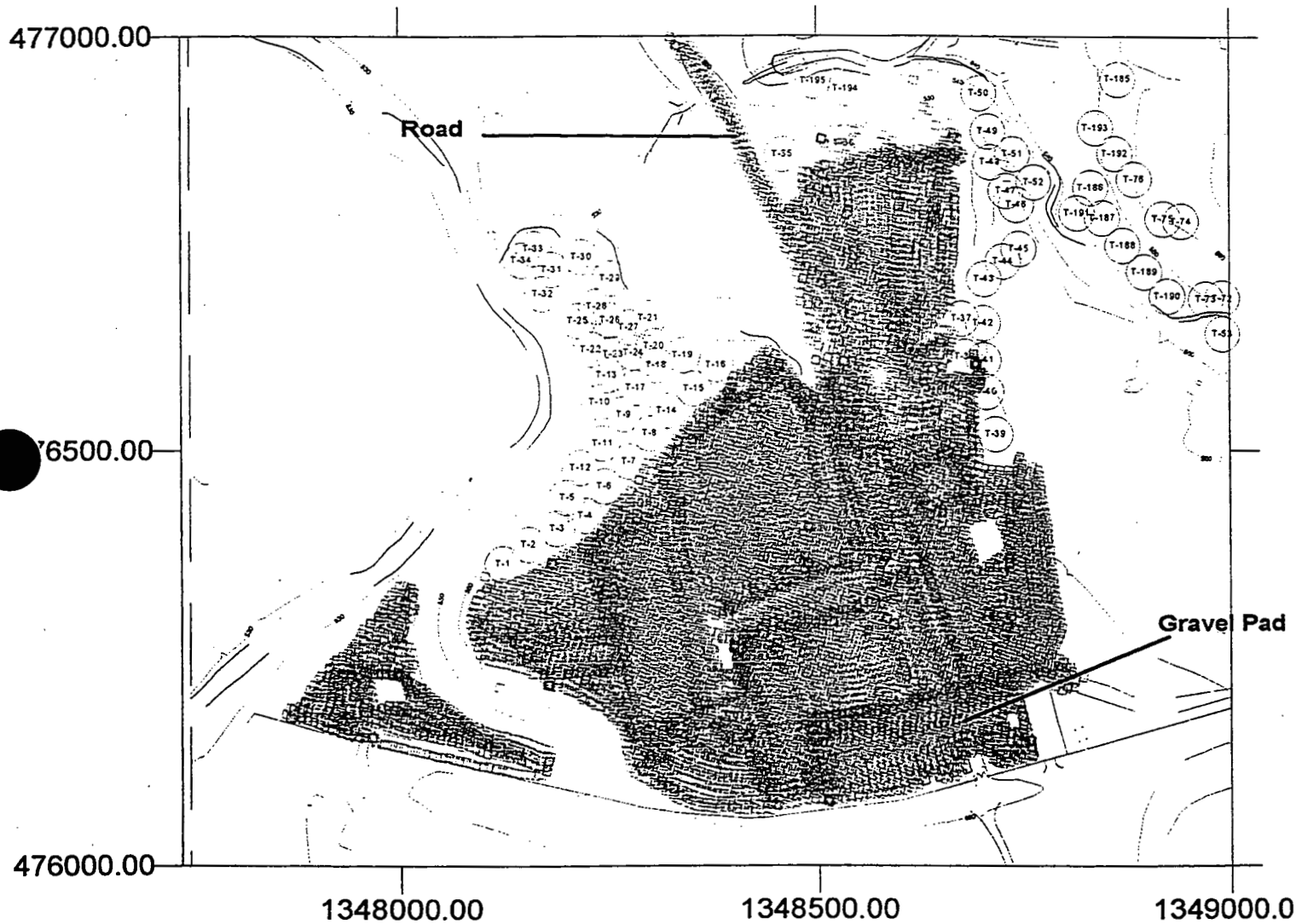
2114

(includes sections # 5,6,7,12,13,&18)

Thorium 232 (pCi/gm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Th-232 (pCi/gm)

- -0.20 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP1-TH-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP1_TH_2PT_MC.srf
Date Prepared: 3/30/99

MAP #2

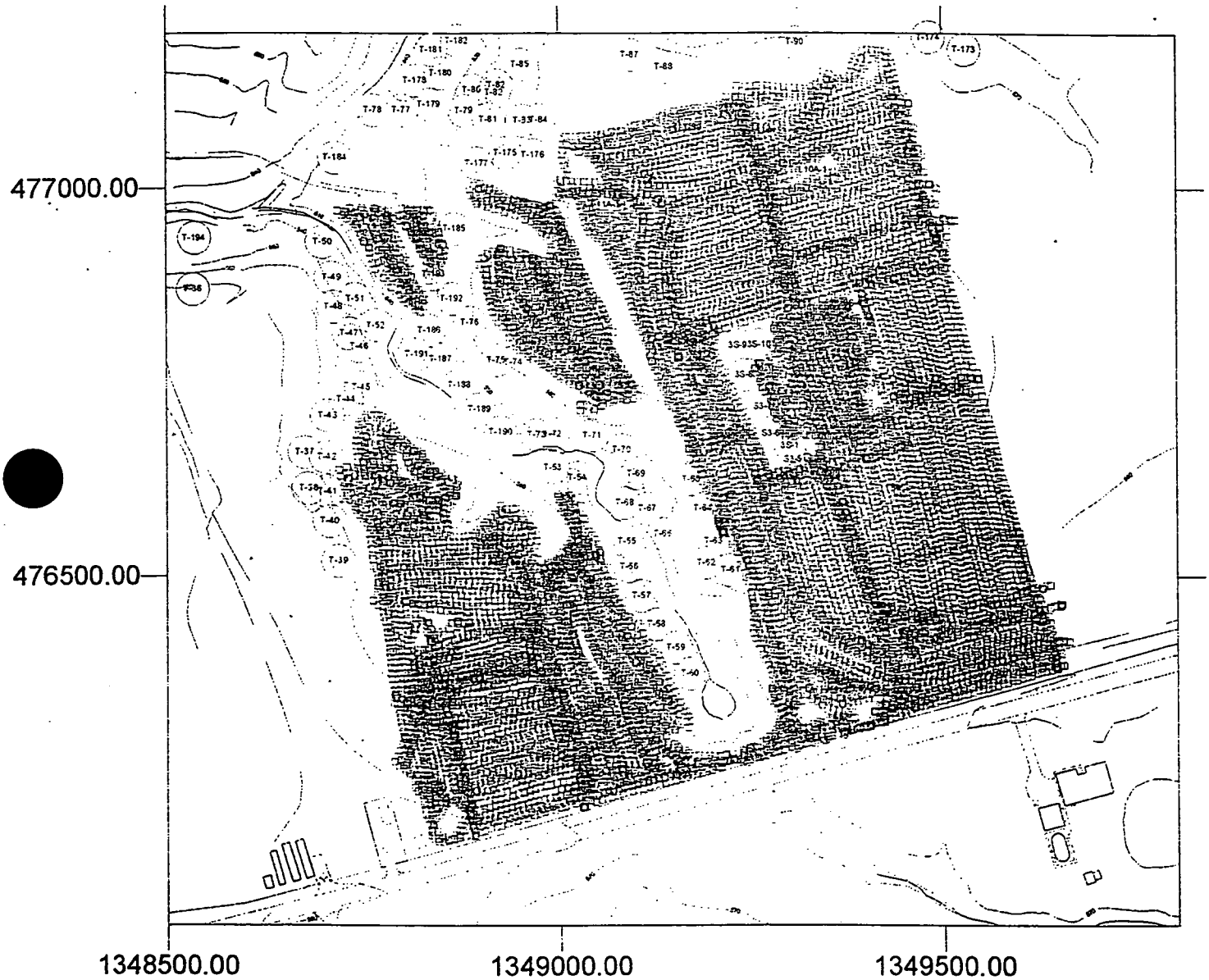
(includes acre # 3,4,10,&11)

2114

Thorium 232 (pCi/gm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Th-232 (pCi/gm)

- -0.20 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP2-TH-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP2_TH_2PT_MC.srf
Date Prepared: 3/30/99

000132

MAP # 3

(includes sections # 1,2,8,9)

Thorium 232 (pCi/gm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N

Legend
pCi/gm

- -2.00 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP3-TH-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP3_TH_2PT_MC.srf
Date Prepared: 3/30/99

000133

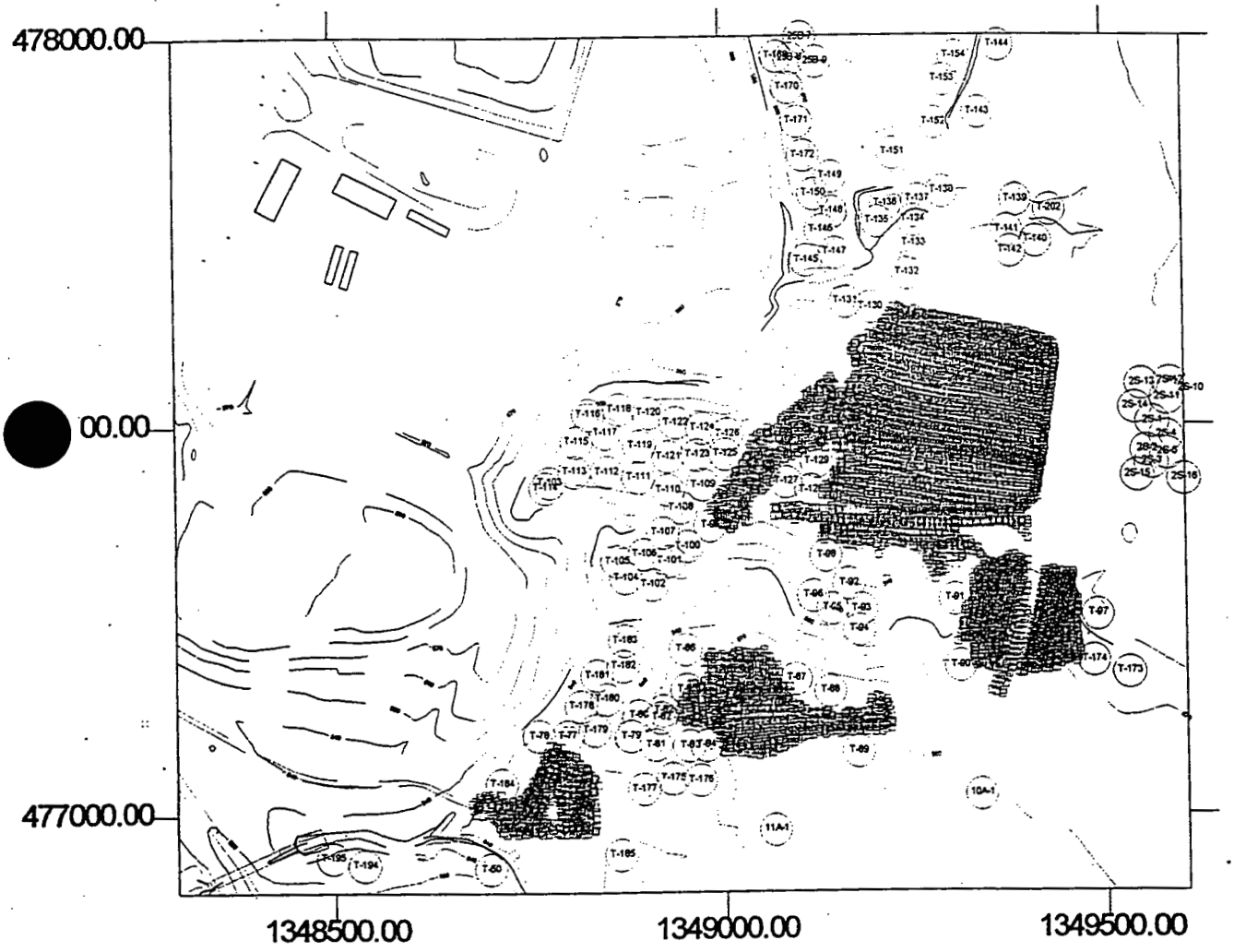
MAP # 4

(includes sections # 16,17, 21, & 22)

Thorium 232 (pCi/gm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field of View to Scale

N



Legend
pCi/gm

- -1.00 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP4-TH-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP4_TH_2PT_MC.srf
Date Prepared: 3/30/99

MAP #5

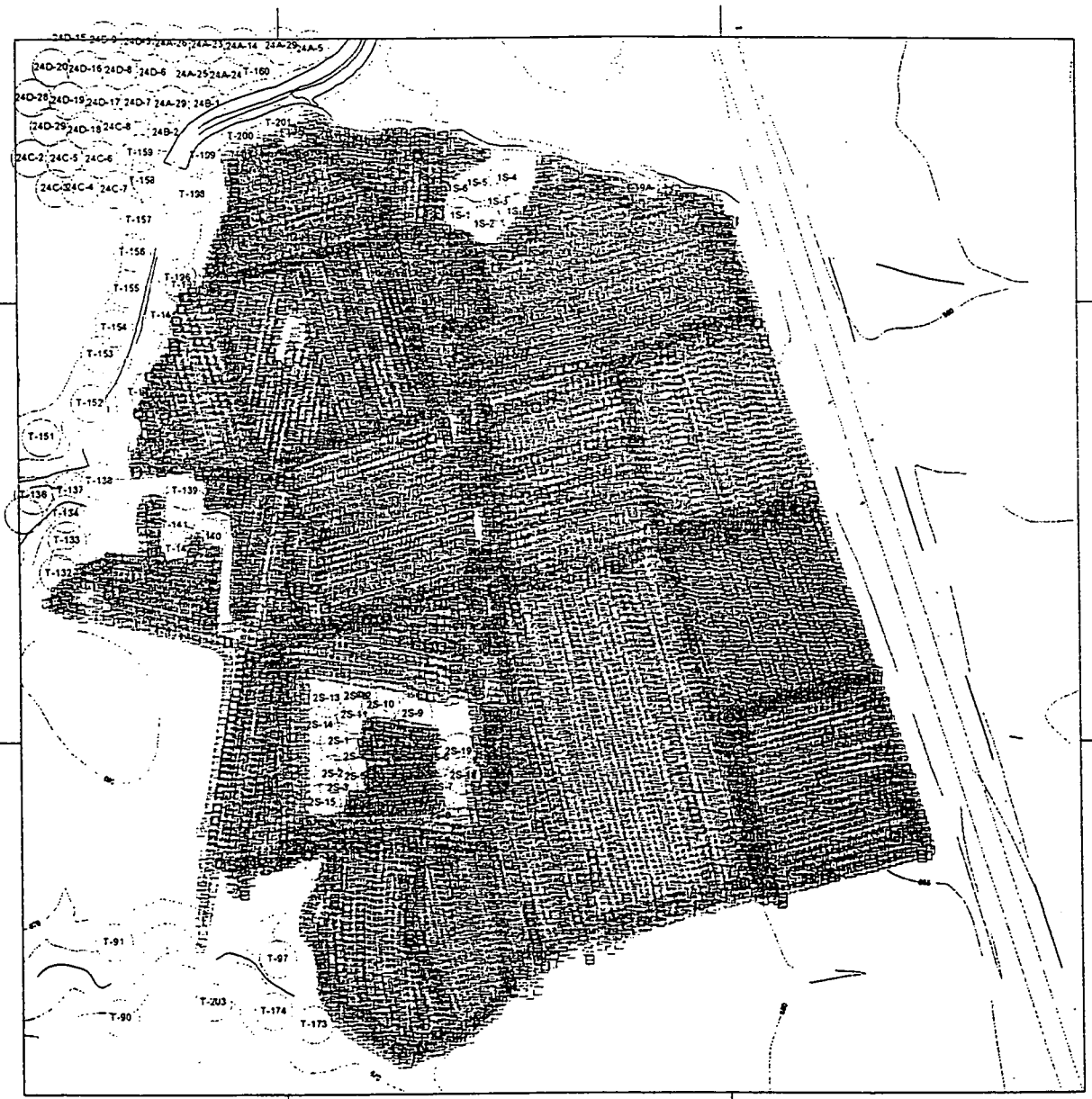
(includes sections # 14,15,19,&20)

2114

Thorium 232 (pCi/gm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Th-232 (pCi/gm)

- -0.30 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP5-TH-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP5_TH_2PT_MC.srf
Date Prepared: 3/30/99

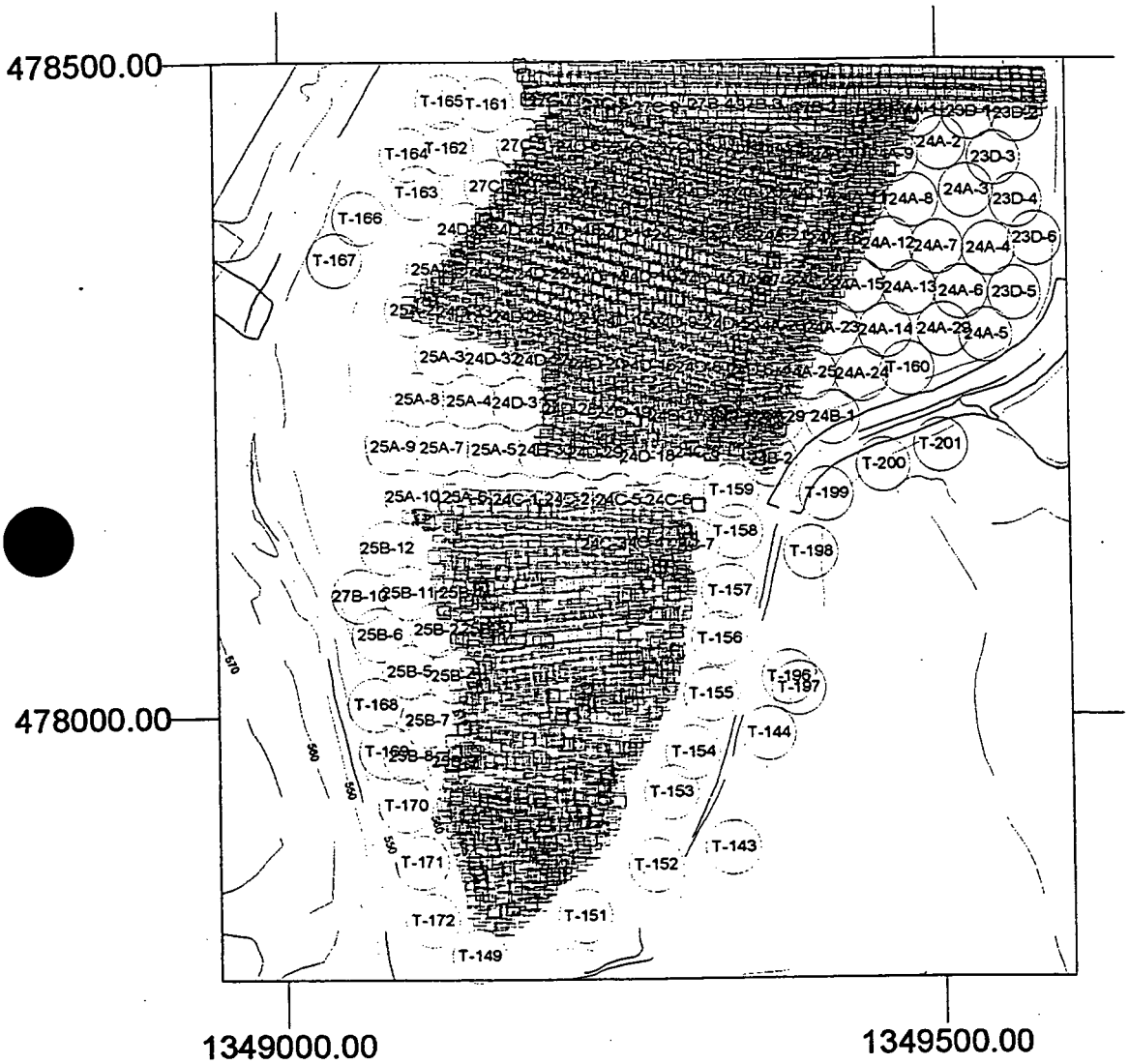
MAP #6

(includes sections #21, 23, 24, 25, & 27)

Thorium 232 (pCi/gm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Th-232 (pCi/gm)

- -0.20 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP6-TH-2PT-MC
Project no.: 20460-PSP-0001
Project name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP6_TH_2PT_MC.srf
Date prepared: 3/30/99

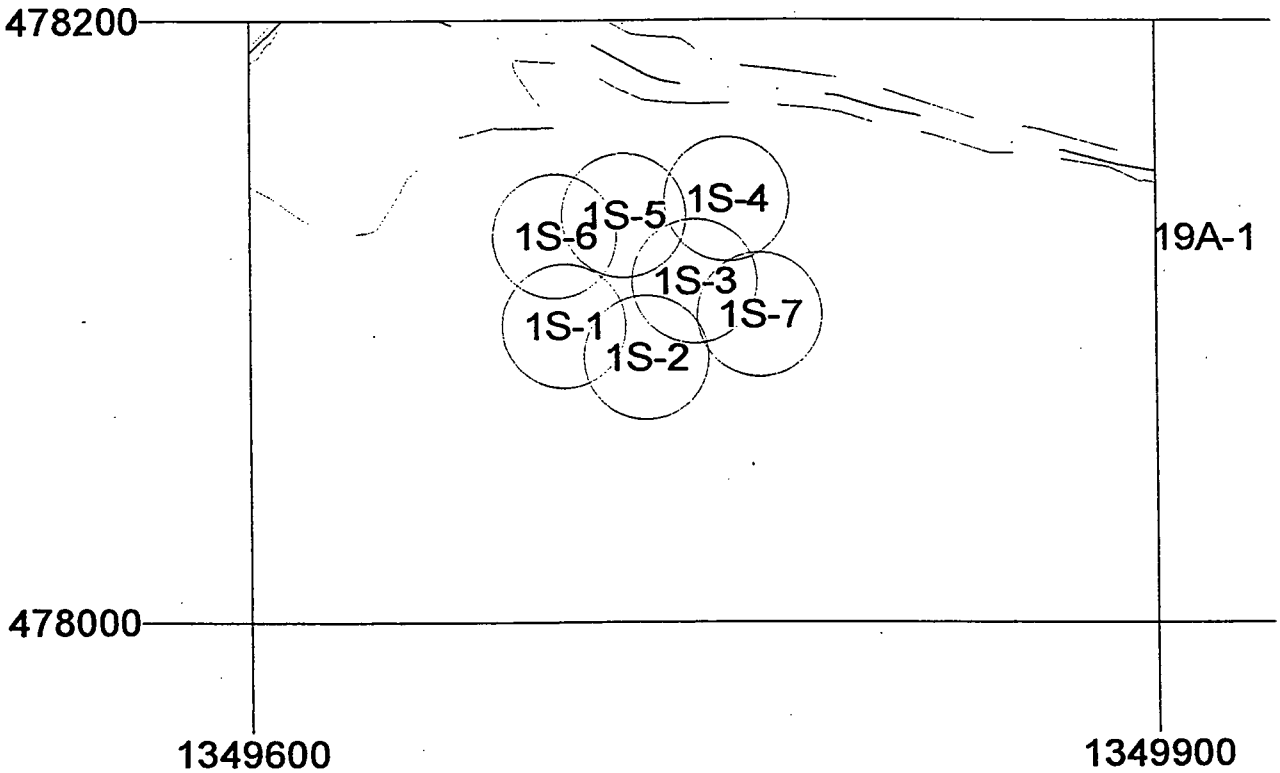
SOIL PILE 1

(MTL-SPO-019)

2114

Thorium 232 (pCi/gm)

Moisture Corrected
One Spectra, no average
Coverage Plot, Field Of View to Scale



Legend
Th-232 (pCi/gm)

- 0.00 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP1S-TH-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP1S_TH_1PT_MC.srf
Date Prepared: 3/30/99

SOIL PILE 2

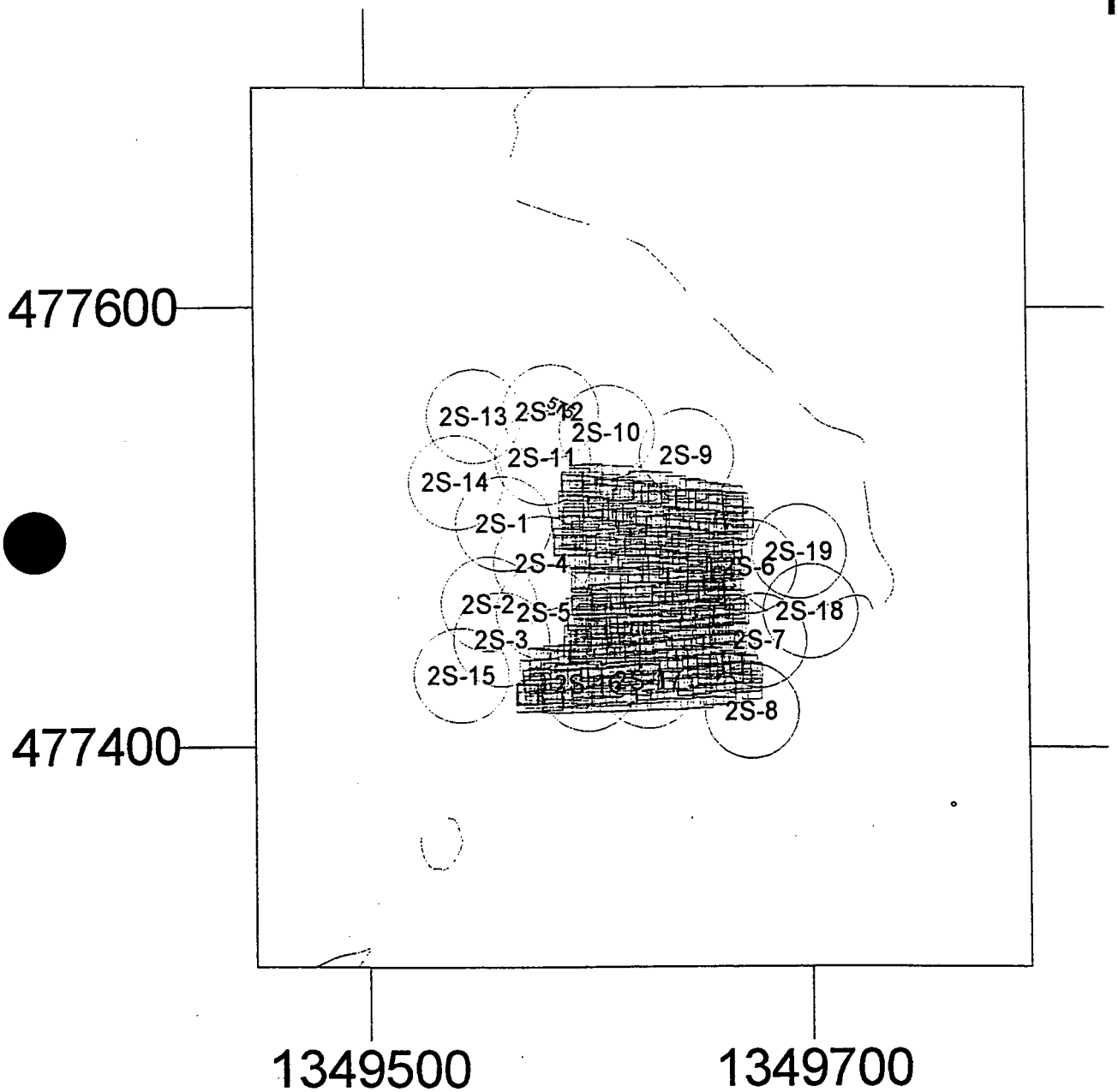
(MTL-SPO-004)

2114

Thorium 232 (pCi/gm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Th-232 (pCi/gm)

- -0.20 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP2S-TH-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP2S_TH_2PT_MC.srf
Date Prepared: 3/30/99

000138

SOIL PILE 3

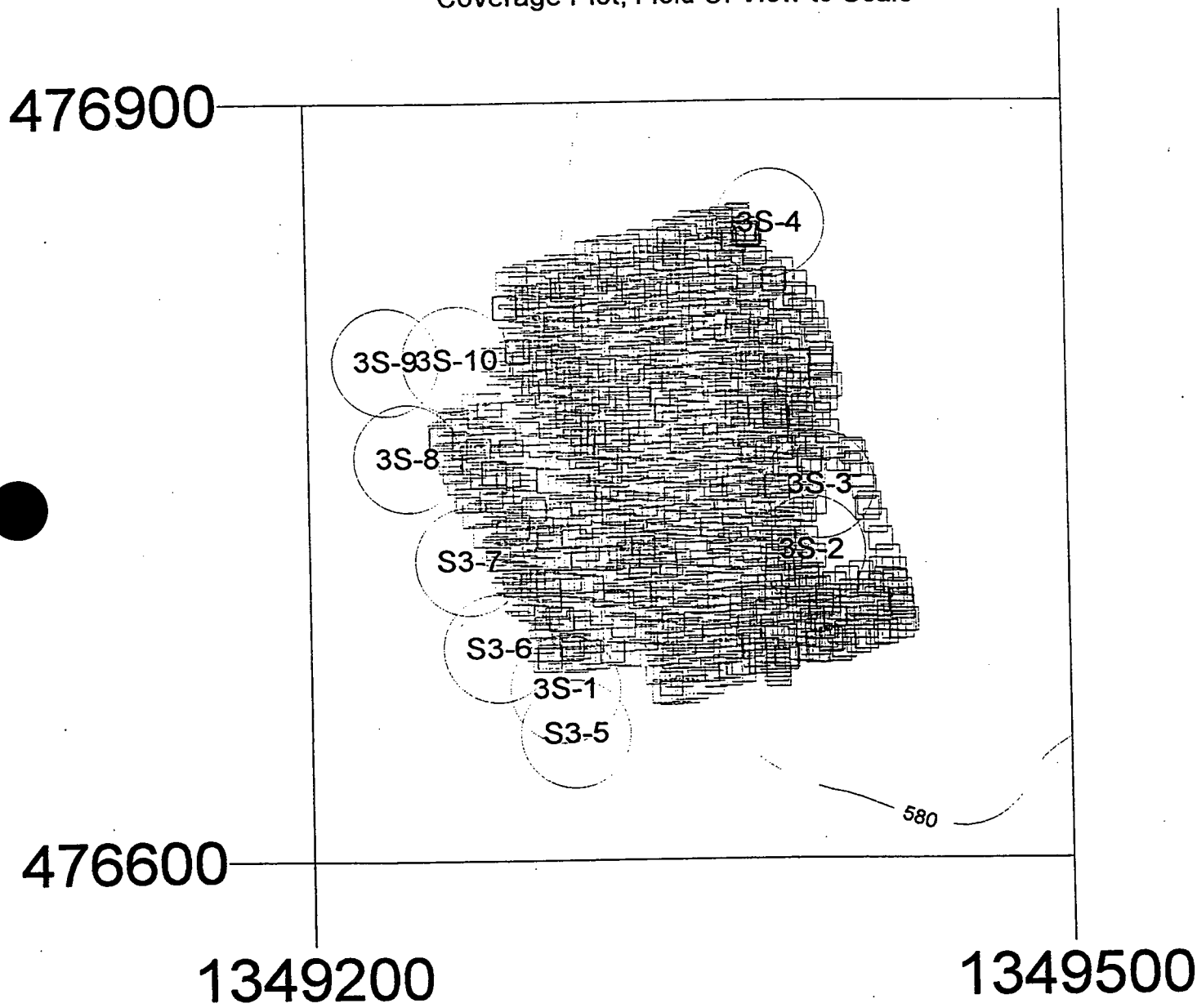
(MTL-SPO-005)

2114

Thorium 232 (pCi/gm)

Moisture Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Th-232 (pCi/gm)

- 0.00 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP3S-TH-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP3S_TH_2PT_MC.srf
Date Prepared: 3/30/99

000139

SOIL PILE 4

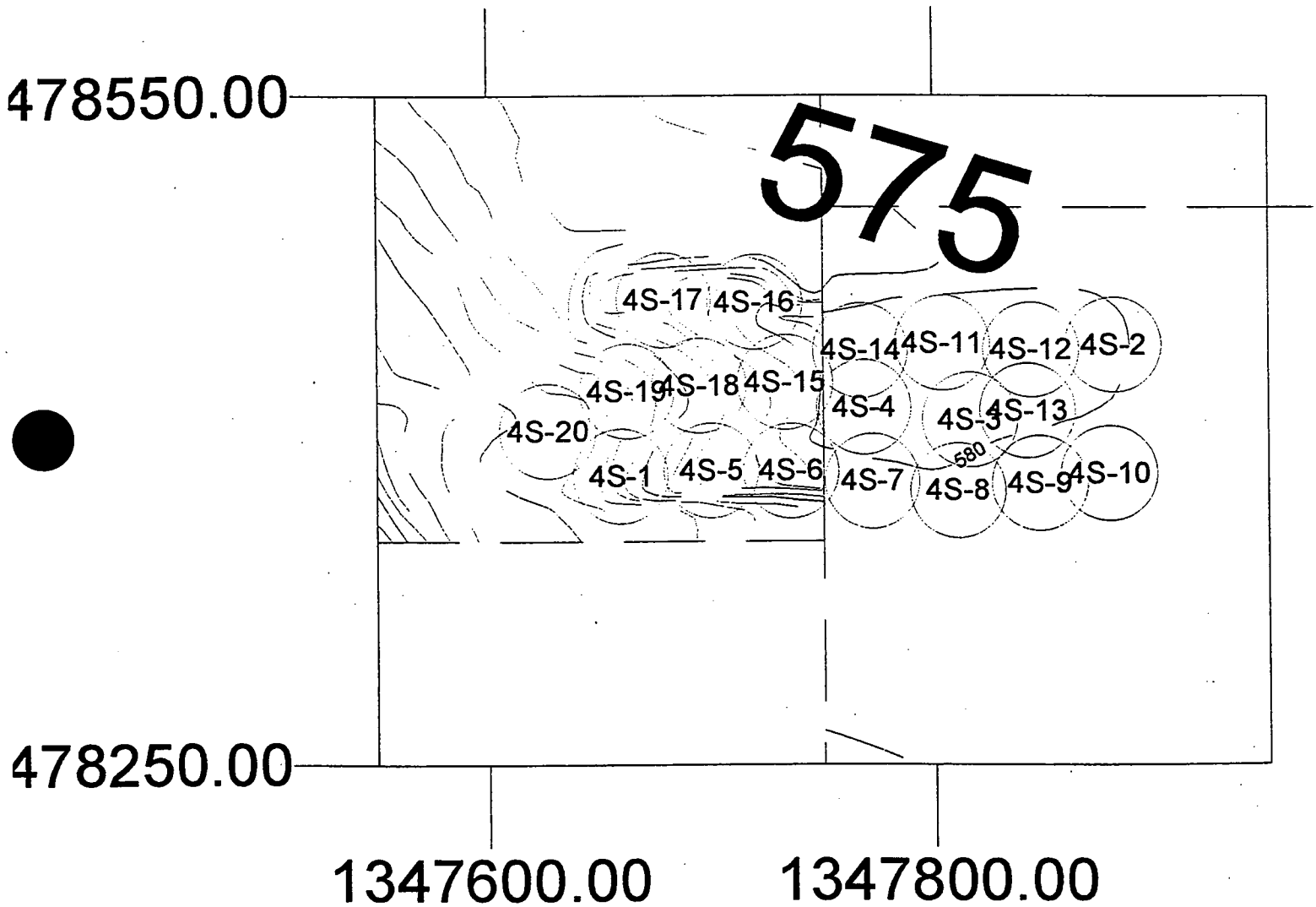
(MTL-HRD-011)

2114

Thorium 232 (pCi/gm)

Moisture Corrected
One Spectra, no average
Coverage Plot, Field Of View to Scale

N



Legend
Th-232 (pCi/gm)

- 0.00 to 1.50
- 1.50 to 3.00
- 3.00 to 4.50
- 4.50 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP4S-TH-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP4S_TH_1PT_MC.srf
Date Prepared: 3/30/99

APPENDIX D
MOBILE NAI AND PHASE I HPGE RADIUM-226 RESULTS

APPENDIX D
HPGe RESULTS FOR RADIUM-226

2114

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P1-1S-1-G	478098.41	1349703.46	100cm	1.10
A2P3-P1-1S-2-G	478140.33	1349757.44	100cm	0.97
A2P3-P1-1S-3-G	478113.16	1349746.76	100cm	0.99
A2P3-P1-1S-4-G	478140.33	1349757.44	100cm	0.91
A2P3-P1-1S-4-G-D	478140.33	1349757.44	100cm	0.94
A2P3-P1-1S-5-G	478135.02	1349723.38	100cm	0.96
A2P3-P1-1S-6-G	478128.18	1349700.65	100cm	1.08
A2P3-P1-1S-7-G	478102.04	1349768.25	100cm	0.97
A2P3-P1-2S-1-G	477501.71	1349561.21	100cm	0.97
A2P3-P1-2S-2-G	477465.03	1349554.42	100cm	1.10
A2P3-P1-2S-3-G	477448.99	1349560.14	100cm	1.08
A2P3-P1-2S-4-G	477483.73	1349578.52	100cm	1.11
A2P3-P1-2S-5-G	477461.21	1349579.4	100cm	1.10
A2P3-P1-2S-6-G	477481.71	1349672.3	100cm	0.97
A2P3-P1-2S-7-G	477448.06	1349676.63	100cm	1.03
A2P3-P1-2S-8-G	477416.01	1349673	100cm	1.06
A2P3-P1-2S-9-G	477532.35	1349643.97	100cm	0.97
A2P3-P1-2S-10-G	477543.01	1349608.07	100cm	1.03
A2P3-P1-2S-11-G	477531.59	1349579.34	100cm	0.87
A2P3-P1-2S-12-G	477552.73	1349582.89	100cm	1.13
A2P3-P1-2S-13-G	477550.68	1349548.54	100cm	1.07
A2P3-P1-2S-14-G	477520.55	1349540.15	100cm	1.02
A2P3-P1-2S-14-G-D	477520.55	1349540.15	100cm	1.19
A2P3-P1-2S-15-G	477432.49	1349542.05	100cm	0.99
A2P3-P1-2S-16-G	477428.57	1349598.93	100cm	0.98
A2P3-P1-2S-17-G	477429.95	1349625.9	100cm	1.10
A2P3-P1-2S-18-G	477461.31	1349699.89	100cm	1.17
A2P3-P1-2S-19-G	477488.33	1349695	100cm	1.31
A2P3-P1-3S-1-G	476667.66	1349299.87	100cm	0.84
A2P3-P1-3S-2-G	476721.93	1349398.9	100cm	0.95
A2P3-P1-3S-3-G	476747.62	1349402.6	100cm	0.84
A2P3-P1-3S-4-G	476851.5	1349384.65	100cm	0.98
A2P3-P1-3S-5-G	476650.04	1349303.65	100cm	1.02
A2P3-P1-3S-6-G	476683.9	1349274.07	100cm	1.04
A2P3-P1-3S-7-G	476718.54	1349263.38	100cm	0.93
A2P3-P1-3S-8-G	476759.35	1349239.43	100cm	1.14
A2P3-P1-3S-9-G	476797.71	1349231.25	100cm	1.12
A2P3-P1-3S-10-G	476798.26	1349259.33	100cm	1.08
A2P3-P1-4S-1-G	478379.31	1347659.17	100cm	0.81
A2P3-P1-4S-2-G	478438.17	1344880.14	100cm	0.87
A2P3-P1-4S-3-G	478404.4	1347816.13	100cm	0.88
A2P3-P1-4S-4-G	478410.05	1347768.52	100cm	1.07
A2P3-P1-4S-4-G-D	478410.05	1347768.52	100cm	1.06
A2P3-P1-4S-5-G	478381.76	1347699.99	100cm	0.86
A2P3-P1-4S-6-G	478381.63	1347735.57	100cm	0.92
A2P3-P1-4S-7-G	478376.97	1347772.27	100cm	0.89
A2P3-P1-4S-8-G	478372.87	1347810.77	100cm	0.84

APPENDIX D
HPGe RESULTS FOR RADIUM-226

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P1-4S-9-G	478376.07	1347847.33	100cm	1.11
A2P3-P1-4S-10-G	478380.56	1347877.97	100cm	0.90
A2P3-P1-4S-11-G	478438.93	1347803.84	100cm	1.03
A2P3-P1-4S-12-G	478436.17	1347843.51	100cm	0.99
A2P3-P1-4S-13-G	478408.73	1347841.87	100cm	0.94
A2P3-P1-4S-14-G	478435.7	1347767.17	100cm	1.14
A2P3-P1-4S-15-G	478421.27	1347733.25	100cm	0.99
A2P3-P1-4S-16-G	478457.33	1347719.71	100cm	0.87
A2P3-P1-4S-17-G	478458.43	1347678.6	100cm	0.95
A2P3-P1-4S-18-G	478419.95	1347694.64	100cm	1.06
A2P3-P1-4S-19-G	478417.42	1347662	100cm	1.02
A2P3-P1-4S-20-G	478399.65	1347626.61	100cm	1.19
A2P3-P1-T-1-G	476363.31	1348121.87	100cm	0.64
A2P3-P1-T-2-G	476386.61	1348151.89	100cm	0.59
A2P3-P1-T-3-G	476406.03	1348186.29	100cm	0.58
A2P3-P1-T-4-G	476421.29	1348219.75	100cm	0.66
A2P3-P1-T-5-G	476442.9	1348198.16	100cm	0.77
A2P3-P1-T-6-G	476456.77	1348242.41	100cm	0.67
A2P3-P1-T-7-G	476486.47	1348272.35	100cm	0.80
A2P3-P1-T-8-G	476520.27	1348298.27	100cm	0.67
A2P3-P1-T-9-G	476543.15	1348265.99	100cm	0.62
A2P3-P1-T-10-G	476557.96	1348237.22	100cm	0.72
A2P3-P1-T-11-G	476508.15	1348240.07	100cm	0.70
A2P3-P1-T-12-G	476479.13	1348213.83	100cm	0.72
A2P3-P1-T-13-G	476590.46	1348245.5	100cm	0.69
A2P3-P1-T-14-G	476547.47	1348319	100cm	0.68
A2P3-P1-T-15-G	476574.26	1348350.99	100cm	0.72
A2P3-P1-T-15-G-D	476574.26	1348350.99	100cm	0.86
A2P3-P1-T-16-G	476602.98	1348378.02	100cm	0.85
A2P3-P1-T-17-G	476575.26	1348280.95	100cm	0.76
A2P3-P1-T-18-G	476602.84	1348306.03	100cm	0.96
A2P3-P1-T-19-G	476614.52	1348337.82	100cm	0.70
A2P3-P1-T-20-G	476626.17	1348303.25	100cm	0.84
A2P3-P1-T-21-G	476659.64	1348296.59	100cm	0.86
A2P3-P1-T-22-G	476621.58	1348226.79	100cm	0.60
A2P3-P1-T-23-G	476616.17	1348253.44	100cm	0.78
A2P3-P1-T-24-G	476618.04	1348278.34	100cm	0.87
A2P3-P1-T-25-G	476656.34	1348211.88	100cm	0.63
A2P3-P1-T-26-G	476657.27	1348250	100cm	0.59
A2P3-P1-T-27-G	476648.45	1348272.71	100cm	0.77
A2P3-P1-T-28-G	476673.62	1348234.37	100cm	0.56
A2P3-P1-T-29-G	476707.74	1348250.2	100cm	0.63
A2P3-P1-T-30-G	476733.6	1348216.15	100cm	0.87
A2P3-P1-T-31-G	476718.11	1348180.93	100cm	1.46
A2P3-P1-T-32-G	476688.81	1348170.2	100cm	0.93
A2P3-P1-T-33-G	476743.5	1348159.65	100cm	0.74
A2P3-P1-T-34-G	476729.6	1348145.22	100cm	0.94

APPENDIX D
HPGe RESULTS FOR RADIUM-226

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P1-T-35-G	476856.55	1348458.54	100cm	0.91
A2P3-P1-T-36-G	476869.95	1348534.79	100cm	1.11
A2P3-P1-T-37-G	476659.36	1348675.26	100cm	0.75
A2P3-P1-T-38-G	476613.13	1348679.44	100cm	0.75
A2P3-P1-T-39-G	476519.82	1348716.1	100cm	0.72
A2P3-P1-T-40-G	476570.78	1348705.83	100cm	0.69
A2P3-P1-T-41-G	476609.4	1348702.46	100cm	0.87
A2P3-P1-T-42-G	476653.74	1348702.03	100cm	0.85
A2P3-P1-T-43-G	4766707.16	1348703.36	100cm	0.85
A2P3-P1-T-44-G	476728.16	1348726.16	100cm	0.85
A2P3-P1-T-45-G	476743.59	1348745.49	100cm	0.92
A2P3-P1-T-46-G	476796.5	1348742.92	100cm	0.75
A2P3-P1-T-47-G	476813.25	1348730.43	100cm	0.62
A2P3-P1-T-48-G	476847.57	1348711.22	100cm	0.95
A2P3-P1-T-49-G	476884.85	1348708.8	100cm	0.99
A2P3-P1-T-50-G	476930.36	1348698.01	100cm	0.94
A2P3-P1-T-51-G	476857.52	1348738.28	100cm	0.87
A2P3-P1-T-52-G	476823.75	1348764.43	100cm	0.84
A2P3-P1-T-53-G	476640.97	1348991.62	100cm	0.65
A2P3-P1-T-54-G	476627.58	1349023.09	100cm	0.67
A2P3-P1-T-55-G	476545.11	1349086.6	100cm	0.68
A2P3-P1-T-56-G	476512.47	1349089.4	100cm	1.26
A2P3-P1-T-57-G	476474.72	1349105.04	100cm	0.86
A2P3-P1-T-58-G	476437.77	1349123.94	100cm	0.70
A2P3-P1-T-59-G	476408.14	1349148.66	100cm	0.96
A2P3-P1-T-60-G	476374.22	1349166.89	100cm	0.85
A2P3-P1-T-61-G	476507.5	1349220	100cm	0.93
A2P3-P1-T-62-G	476517.16	1349188.48	100cm	0.94
A2P3-P1-T-63-G	476544.73	1349198.13	100cm	0.77
A2P3-P1-T-64-G	476587.62	1349184.8	100cm	0.76
A2P3-P1-T-65-G	476624.99	1349170	100cm	0.82
A2P3-P1-T-66-G	476554.65	1349132.45	100cm	0.87
A2P3-P1-T-67-G	476587.51	1349112.67	100cm	0.80
A2P3-P1-T-68-G	476594.77	1349083.43	100cm	0.79
A2P3-P1-T-69-G	476632.75	1349098.81	100cm	0.81
A2P3-P1-T-70-G	476662.92	1349080.68	100cm	0.76
A2P3-P1-T-71-G	476681.83	1349041.95	100cm	0.85
A2P3-P1-T-72-G	476683.95	1348991.61	100cm	0.85
A2P3-P1-T-73-G	476682.9	1348971.41	100cm	0.90
A2P3-P1-T-74-G	476776.2	1348941.47	100cm	0.64
A2P3-P1-T-75-G	476778.99	1348920.13	100cm	0.70
A2P3-P1-T-76-G	476827.31	1348885.95	100cm	0.86
A2P3-P1-T-77-G	477101.22	1348798.44	100cm	1.25
A2P3-P1-T-78-G	477101.36	1348761.88	100cm	1.27
A2P3-P1-T-79-G	477100.63	1348879.73	100cm	0.97
A2P3-P1-T-80-G	477127.11	1348889.9	100cm	0.98
A2P3-P1-T-81-G	477089.1	1348911.37	100cm	1.04

APPENDIX D
HPGe RESULTS FOR RADIUM-226

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P1-T-82-G	477123.86	1348918.5	100cm	0.92
A2P3-P1-T-82-G-D	477123.86	1348918.5	100cm	0.99
A2P3-P1-T-83-G	477087.7	1348954.66	100cm	1.08
A2P3-P1-T-83-G-D	477087.7	1348954.66	100cm	1.08
A2P3-P1-T-84-G	477088.04	1348975.51	100cm	1.02
A2P3-P1-T-85-G	477159.76	1348952.02	100cm	0.81
A2P3-P1-T-86-G	477211.63	1348950.25	100cm	0.82
A2P3-P1-T-87-G	477172.21	1349093.42	100cm	0.91
A2P3-P1-T-88-G	477156.33	1349137.25	100cm	0.79
A2P3-P1-T-89-G	477078.24	1349173.56	100cm	0.74
A2P3-P1-T-90-G	477188.05	1349309.07	100cm	0.97
A2P3-P1-T-91-G	477273.66	1349302.34	100cm	1.26
A2P3-P1-T-92-G	477294.01	1349163.08	100cm	0.92
A2P3-P1-T-93-G	477260.68	1349178.9	100cm	1.06
A2P3-P1-T-94-G	477234.47	1349175.68	100cm	0.83
A2P3-P1-T-95-G	477262.08	1349141.32	100cm	0.95
A2P3-P1-T-96-G	477278.97	1349116.81	100cm	1.04
A2P3-P1-T-97-G	477254.57	1349490.36	100cm	0.94
A2P3-P1-T-97-G-D	477254.57	1349490.36	100cm	0.91
A2P3-P1-T-98-G	477329.81	1349134.06	100cm	0.96
A2P3-P1-T-99-G	477369.93	1348983.62	100cm	0.74
A2P3-P1-T-100-G	477343.51	1348954.49	100cm	0.67
A2P3-P1-T-101-G	477325.15	1348931.46	100cm	0.65
A2P3-P1-T-102-G	477295.06	1348909.76	100cm	0.61
A2P3-P1-T-103-G	477426.9	1348778.97	100cm	0.56
A2P3-P1-T-104-G	477303.86	1348875.08	100cm	0.77
A2P3-P1-T-105-G	477325.2	1348864.79	100cm	0.64
A2P3-P1-T-106-G	477334.24	1348899.42	100cm	0.63
A2P3-P1-T-107-G	477361.86	1348923.8	100cm	0.66
A2P3-P1-T-108-G	477393.64	1348946.62	100cm	0.76
A2P3-P1-T-109-G	477422.6	1348975.15	100cm	0.70
A2P3-P1-T-110-G	477416.45	1348930.58	100cm	0.90
A2P3-P1-T-111-G	477432.93	1348892.68	100cm	0.85
A2P3-P1-T-112-G	477440.31	1348851.99	100cm	0.98
A2P3-P1-T-112-G-D	477440.31	1348851.99	100cm	0.96
A2P3-P1-T-113-G	477440.67	1348810.72	100cm	1.04
A2P3-P1-T-114-G	477419.77	1348773.39	100cm	0.67
A2P3-P1-T-115-G	477478.99	1348813.89	100cm	0.72
A2P3-P1-T-116-G	477514.18	1348829.61	100cm	0.71
A2P3-P1-T-117-G	477490.67	1348850.48	100cm	0.68
A2P3-P1-T-118-G	477520.8	1348868.92	100cm	0.61
A2P3-P1-T-119-G	477473.62	1348894.98	100cm	1.07
A2P3-P1-T-120-G	477515.67	1348906.64	100cm	0.68
A2P3-P1-T-121-G	477459.45	1348931.37	100cm	1.05
A2P3-P1-T-122-G	477503.12	1348941.3	100cm	0.73
A2P3-P1-T-123-G	477461.36	1348968.12	100cm	1.01
A2P3-P1-T-124-G	477495.79	1348974.68	100cm	0.99

APPENDIX D
HPGe RESULTS FOR RADIUM-226

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P1-T-125-G	477462.24	1349003.81	100cm	0.62
A2P3-P1-T-126-G	477487.81	1349007.39	100cm	0.91
A2P3-P1-T-127-G	477425.5	1349083.19	100cm	0.81
A2P3-P1-T-128-G	477414.3	1349115.27	100cm	0.77
A2P3-P1-T-129-G	477451.12	1349122.83	100cm	0.90
A2P3-P1-T-130-G	477649.58	1349195.03	100cm	0.44
A2P3-P1-T-131-G	477656.78	1349162.61	100cm	0.56
A2P3-P1-T-132-G	477692.91	1349243.99	100cm	0.50
A2P3-P1-T-133-G	477730.78	1349253.63	100cm	0.55
A2P3-P1-T-134-G	477760.95	1349252.22	100cm	0.62
A2P3-P1-T-135-G	477759.61	1349205.05	100cm	0.58
A2P3-P1-T-136-G	477782.34	1349216.68	100cm	0.61
A2P3-P1-T-137-G	477787.04	1349258.39	100cm	0.49
A2P3-P1-T-138-G	477798.13	1349291	100cm	0.64
A2P3-P1-T-139-G	477786.91	1349388.3	100cm	0.77
A2P3-P1-T-140-G	477734.32	1349414.58	100cm	0.76
A2P3-P1-T-141-G	477747.76	1349376.38	100cm	0.76
A2P3-P1-T-141-G-D	477747.76	1349376.38	100cm	0.72
A2P3-P1-T-142-G	477720.73	1349380.58	100cm	0.78
A2P3-P1-T-143-G	477899.44	1349338.82	100cm	0.59
A2P3-P1-T-144-G	477985.98	1349366.21	100cm	0.85
A2P3-P1-T-145-G	477710.08	1349112.66	100cm	0.75
A2P3-P1-T-146-G	477748.83	1349132.03	100cm	0.75
A2P3-P1-T-147-G	477719.56	1349150.02	100cm	0.71
A2P3-P1-T-148-G	477772.48	1349146.01	100cm	0.81
A2P3-P1-T-149-G	477817.74	1349145.07	100cm	0.84
A2P3-P1-T-150-G	477795.64	1349122.72	100cm	0.84
A2P3-P1-T-150-G	477795.64	1349122.72	100cm	0.84
A2P3-P1-T-151-G	477847.91	1349226.31	100cm	0.97
A2P3-P1-T-152-G	477886.51	1349280.66	100cm	0.78
A2P3-P1-T-153-G	477942	1349293.01	100cm	0.70
A2P3-P1-T-153-G	477942	1349293.01	100cm	0.83
A2P3-P1-T-154-G	477972.19	1349309.37	100cm	0.90
A2P3-P1-T-155-G	478016.6	1349323.45	100cm	0.88
A2P3-P1-T-156-G	478058.52	1349330.42	100cm	0.75
A2P3-P1-T-157-G	478094.65	1349338.54	100cm	0.83
A2P3-P1-T-158-G	478139.92	1349342.97	100cm	0.76
A2P3-P1-T-159-G	478171.48	1349340.58	100cm	0.56
A2P3-P1-T-160-G	478263.36	1349476.31	100cm	0.67
A2P3-P1-T-161-G	478467.49	1349158.81	100cm	0.75
A2P3-P1-T-162-G	478433.87	1349127.55	100cm	0.71
A2P3-P1-T-163-G	478400.08	1349104.01	100cm	0.73
A2P3-P1-T-164-G	478429.51	1349097.08	100cm	0.75
A2P3-P1-T-165-G	478469.56	1349124.67	100cm	1.38
A2P3-P1-T-166-G	478380.84	1349060.94	100cm	0.59
A2P3-P1-T-167-G	478348.9	1349041.5	100cm	0.77
A2P3-P1-T-168-G	478009.37	1349068.16	100cm	0.68

APPENDIX D
HPGe RESULTS FOR RADIUM-226

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P1-T-169-G	477973.54	1349076.3	100cm	0.67
A2P3-P1-T-169-G-D	477973.54	1349076.3	100cm	0.71
A2P3-P1-T-170-G	477932.68	1349090.51	100cm	0.60
A2P3-P1-T-170-G-D	477932.68	1349090.51	100cm	0.63
A2P3-P1-T-171-G	477889.29	1349102.43	100cm	0.55
A2P3-P1-T-171-G-D	477889.29	1349102.43	100cm	0.56
A2P3-P1-T-172-G	477844.96	1349110.03	100cm	0.66
A2P3-P1-T-173-G	477179.76	1349530.36	100cm	0.90
A2P3-P1-T-174-G	477195.04	1349484.72	100cm	0.91
A2P3-P1-T-175-G	477046.05	1348932.87	100cm	1.10
A2P3-P1-T-176-G	477043.27	1348968.13	100cm	0.88
A2P3-P1-T-176-G-D	477043.27	1348968.13	100cm	0.99
A2P3-P1-T-177-G	477032.44	1348895.91	100cm	1.13
A2P3-P1-T-178-G	477139.4	1348816.16	100cm	1.06
A2P3-P1-T-179-G	477108.72	1348834.16	100cm	1.19
A2P3-P1-T-180-G	477148.68	1348849.32	100cm	1.13
A2P3-P1-T-181-G	477178.92	1348837.17	100cm	1.21
A2P3-P1-T-182-G	477190.84	1348871.04	100cm	1.19
A2P3-P1-T-183-G	477223.42	1348872.9	100cm	0.78
A2P3-P1-T-184-G	477039.69	1348713.33	100cm	1.03
A2P3-P1-T-185-G	476948.29	1348866.44	100cm	1.13
A2P3-P1-T-186-G	476817.11	1348833.15	100cm	0.84
A2P3-P1-T-187-G	476780.39	1348847.17	100cm	0.77
A2P3-P1-T-188-G	476747.27	1348871.81	100cm	0.80
A2P3-P1-T-189-G	476715.63	1348897.68	100cm	0.70
A2P3-P1-T-190-G	476686.1	1348924.95	100cm	0.78
A2P3-P1-T-191-G	476786.37	1348816.52	100cm	0.71
A2P3-P1-T-192-G	476858.22	1348862.63	100cm	0.88
A2P3-P1-T-193-G	476889.6	1348839.44	100cm	1.21
A2P3-P1-T-194-G	476935.69	1348536.45	100cm	0.99
A2P3-P1-T-195-G	476944.61	1348496.7	100cm	1.06
A2P3-P1-T-196-G	478029.11	1349382.13	100cm	0.79
A2P3-P1-T-198-G	478123.96	1349400.39	100cm	0.80
A2P3-P1-T-199-G	478168.08	1349412.71	100cm	0.83
A2P3-P1-T-200-G	478190.16	1349456.6	100cm	0.83
A2P3-P1-T-201-G	478204.79	1349500.74	100cm	0.67
A2P3-P1-T-202-G	477775.01	1349432.48	100cm	0.99
A2P3-P1-T-203-G	477205.79	1349415.59	100cm	0.90
A2P3-P1-10A-1-G	477023.4	1349335.38	100cm	0.87
A2P3-P1-11A-1-G	476979.12	1349064.97	100cm	0.79
A2P3-P1-19A-1-G	478127.84	1349916.19	100cm	0.80
A2P3-P1-23D-1-G	478458.32	1349525.68	100cm	0.98
A2P3-P1-23D-2-G	478456.65	1349561.76	100cm	1.12
A2P3-P1-23D-3-G	478423.31	1349544.02	100cm	1.32
A2P3-P1-23D-3-G-D	478423.31	1349544.02	100cm	1.32
A2P3-P1-23D-4-G	478391.11	1349560.74	100cm	1.02
A2P3-P1-23D-5-G	478320.46	1349558.86	100cm	0.89

APPENDIX D
HPGe RESULTS FOR RADIUM-226

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P1-23D-6-G	478362.11	1349575.45	100cm	0.76
A2P3-P1-23D-7-G	478423.76	1349577.35	100cm	0.83
A2P3-P1-24A-1-G	478459.64	1349485.55	100cm	1.05
A2P3-P1-24A-2-G	478435.08	1349502.46	100cm	1.15
A2P3-P1-24A-3-G	478398.96	1349522.69	100cm	1.10
A2P3-P1-24A-4-G	478354.64	1349539.2	100cm	0.95
A2P3-P1-24A-5-G	478288.87	1349536.77	100cm	0.85
A2P3-P1-24A-6-G	478321.69	1349517.47	100cm	1.09
A2P3-P1-24A-7-G	478356.04	1349499.23	100cm	1.06
A2P3-P1-24A-8-G	478391.89	1349480.58	100cm	1.00
A2P3-P1-24A-9-G	478425.82	1349465.62	100cm	1.28
A2P3-P1-24A-10-G	478426.35	1349425.52	100cm	1.16
A2P3-P1-24A-11-G	478392.87	1349441.47	100cm	1.08
A2P3-P1-24A-12-G	478358.52	1349462.45	100cm	0.88
A2P3-P1-24A-13-G	478324.34	1349478.59	100cm	0.91
A2P3-P1-24A-14-G	478292.3	1349459.46	100cm	0.74
A2P3-P1-24A-15-G	478326.58	1349438.75	100cm	1.01
A2P3-P1-24A-16-G	478362.16	1349421.43	100cm	1.03
A2P3-P1-24A-17-G	478396.25	1349401.38	100cm	1.15
A2P3-P1-24A-18-G	478430.74	1349383.21	100cm	1.39
A2P3-P1-24A-18-GD	478430.74	1349383.21	100cm	1.29
A2P3-P1-24A-19-G	478430.58	1349345.94	100cm	1.34
A2P3-P1-24A-20-G	478397.98	1349362.13	100cm	1.35
A2P3-P1-24A-21-G	478364.87	1349381.49	100cm	1.69
A2P3-P1-24A-22-G	478327.1	1349405.54	100cm	0.95
A2P3-P1-24A-23-G	478294.51	1349418.85	100cm	0.98
A2P3-P1-24A-24-G	478259.2	1349440.85	100cm	1.00
A2P3-P1-24A-25-G	478260.61	1349481.08	100cm	1.03
A2P3-P1-24A-26-G	478295.57	1349377.87	100cm	1.01
A2P3-P1-24A-27-G	478330.47	1349359.51	100cm	1.03
A2P3-P1-24A-28-G	478364.71	1349340.92	100cm	1.85
A2P3-P1-24A-29G	478226.74	1349376.27	100cm	0.91
A2P3-P1-24A-29G-D	478226.74	1349376.27	100cm	1.01
A2P3-P1-24B-1-G	478226.92	1349418.36	100cm	0.87
A2P3-P1-24B-2-G	478194.67	1349370.38	100cm	0.74
A2P3-P1-24C-1-G	478165.85	1349176.94	100cm	1.02
A2P3-P1-24C-2-G	478165.63	1349216.55	100cm	1.06
A2P3-P1-24C-3-G	478131.24	1349243.62	100cm	0.88
A2P3-P1-24C-4-G	478132.06	1349272.29	100cm	0.97
A2P3-P1-24C-5-G	478165.02	1349255.28	100cm	0.85
A2P3-P1-24C-6-G	478164.35	1349293.59	100cm	1.02
A2P3-P1-24C-7-G	478130.06	1349310.87	100cm	0.97
A2P3-P1-24C-8-G	478200.54	1349315.43	100cm	0.99
A2P3-P1-24D-1-G	478397.67	1349320.7	100cm	2.41
A2P3-P1-24D-2-G	478398.49	1349284.67	100cm	3.91
A2P3-P1-24D-3-G	478366.39	1349301.38	100cm	13.15
A2P3-P1-24D-4-G	478332.53	1349321.5	100cm	3.66

APPENDIX D
HPGe RESULTS FOR RADIUM-226

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P1-24D-4-G-D	478332.53	1349321.5	100cm	3.81
A2P3-P1-24D-5-G	478297.95	1349338.94	100cm	1.03
A2P3-P1-24D-6-G	478262.41	1349355.97	100cm	1.16
A2P3-P1-24D-7-G	478228.16	1349338.62	100cm	1.69
A2P3-P1-24D-7-G-D	478228.16	1349338.62	100cm	1.68
A2P3-P1-24D-8-G	478265.15	1349317.25	100cm	1.66
A2P3-P1-24D-9-G	478299.57	1349299.97	100cm	0.90
A2P3-P1-24D-10-G	478335.52	1349280.3	100cm	8.96
A2P3-P1-24D-11-G	478367.03	1349262.87	100cm	12.43
A2P3-P1-24D-12-G	478399.82	1349243.47	100cm	10.34
A2P3-P1-24D-13-G	478370.61	1349223.66	100cm	9.90
A2P3-P1-24D-14-G	478333.89	1349243.13	100cm	8.70
A2P3-P1-24D-15-G	478301.43	1349261.62	100cm	2.64
A2P3-P1-24D-16-G	478266.86	1349279.65	100cm	1.11
A2P3-P1-24D-17-G	478228.46	1349300.02	100cm	4.21
A2P3-P1-24D-18-G	478197.51	1349277.7	100cm	1.18
A2P3-P1-24D-19-G	478231.24	1349259.79	100cm	10.65
A2P3-P1-24D-20-G	478268.78	1349240.82	100cm	1.35
A2P3-P1-24D-21-G	478304.16	1349221.55	100cm	13.52
A2P3-P1-24D-22-G	478337.79	1349199.66	100cm	3.87
A2P3-P1-24D-23-G	478371.47	1349180.91	100cm	2.20
A2P3-P1-24D-24-G	478372.17	1349141.11	100cm	0.90
A2P3-P1-24D-25-G	478338.86	1349157.32	100cm	1.17
A2P3-P1-24D-26-G	478305.55	1349181.24	100cm	1.09
A2P3-P1-24D-27-G	478272.18	1349199.07	100cm	1.19
A2P3-P1-24D-28-G	478234.26	1349219.09	100cm	1.24
A2P3-P1-24D-29-G	478201.13	1349238.13	100cm	1.09
A2P3-P1-24D-30-G	478203.19	1349199.8	100cm	1.17
A2P3-P1-24D-31-G	478239.3	1349180.61	100cm	1.19
A2P3-P1-24D-32-G	478273.27	1349160.76	100cm	0.91
A2P3-P1-24D-33-G	478308.95	1349139.16	100cm	0.86
A2P3-P1-25A-1-G	478341.44	1349116.56	100cm	0.85
A2P3-P1-25A-2-G	478310.66	1349099.59	100cm	0.93
A2P3-P1-25A-3-G	478274.88	1349122	100cm	0.95
A2P3-P1-25A-4-G	478240.83	1349142.23	100cm	1.06
A2P3-P1-25A-5-G	478204.06	1349160.9	100cm	1.26
A2P3-P1-25A-6-G	478167.49	1349137.75	100cm	1.11
A2P3-P1-25A-7-G	478205.39	1349121	100cm	1.08
A2P3-P1-25A-8-G	478242.6	1349102.92	100cm	0.84
A2P3-P1-25A-9-G	478206.21	1349083.63	100cm	0.95
A2P3-P1-25A-10-G	478168.09	1349098.04	100cm	0.99
A2P3-P1-25B-1-G	478094.72	1349134.69	100cm	0.87
A2P3-P1-25B-2-G	478066.4	1349114.94	100cm	1.00
A2P3-P1-25B-3-G	478067.26	1349150.64	100cm	0.87
A2P3-P1-25B-4-G	478031.58	1349127.46	100cm	0.87
A2P3-P1-25B-5-G	478034.72	1349094.25	100cm	0.98
A2P3-P1-25B-6-G	478062.65	1349071.95	100cm	0.90

APPENDIX D
HPGe RESULTS FOR RADIUM-226

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P1-25B-7-G	477997.49	1349107.59	100cm	1.01
A2P3-P1-25B-8-G	477970.59	1349094.19	100cm	0.89
A2P3-P1-25B-8-GD	477970.59	1349094.19	100cm	0.88
A2P3-P1-25B-9-G	477966.04	1349126.94	100cm	0.94
A2P3-P1-25B-11-G	478094.63	1349094.38	100cm	0.92
A2P3-P1-25B-11-G-D	478094.63	1349094.38	100cm	0.93
A2P3-P1-25B-12-G	478128.97	1349078.46	100cm	0.84
A2P3-P1-27B-1-G	478460.56	1349447.21	100cm	1.27
A2P3-P1-27B-1-G-D	478460.56	1349447.21	100cm	1.13
A2P3-P1-27B-2-G	478462.18	1349408.06	100cm	2.33
A2P3-P1-27B-3-G	478465.17	1349365.25	100cm	1.15
A2P3-P1-27B-4-G	478436.11	1349329.42	100cm	1.01
A2P3-P1-27B-10-G	478092.48	1349056.94	100cm	0.85
A2P3-P1-27B-10-G-D	478092.48	1349056.94	100cm	0.92
A2P3-P1-27C-1-G	478432.39	1349306.98	100cm	6.66
A2P3-P1-27C-2-G	478433.68	1349271.33	100cm	4.31
A2P3-P1-27C-3-G	478409.16	1349202.23	100cm	2.91
A2P3-P1-27C-4-G	478404.99	1349162.12	100cm	0.97
A2P3-P1-27C-5-G	478436.48	1349187.06	100cm	0.84
A2P3-P1-27C-6-G	478435.02	1349228.18	100cm	1.24
A2P3-P1-27C-7-G	478469.88	1349208.3	100cm	0.95
A2P3-P1-27C-8-G	478466.17	1349250.14	100cm	1.02
A2P3-P1-27C-9-G	478463.64	1349288.21	100cm	1.10
			AVERAGE RESULT	1.19
			MINIMUM RESULT	0.44
			MAXIMUM RESULT	13.52

MAP # 1

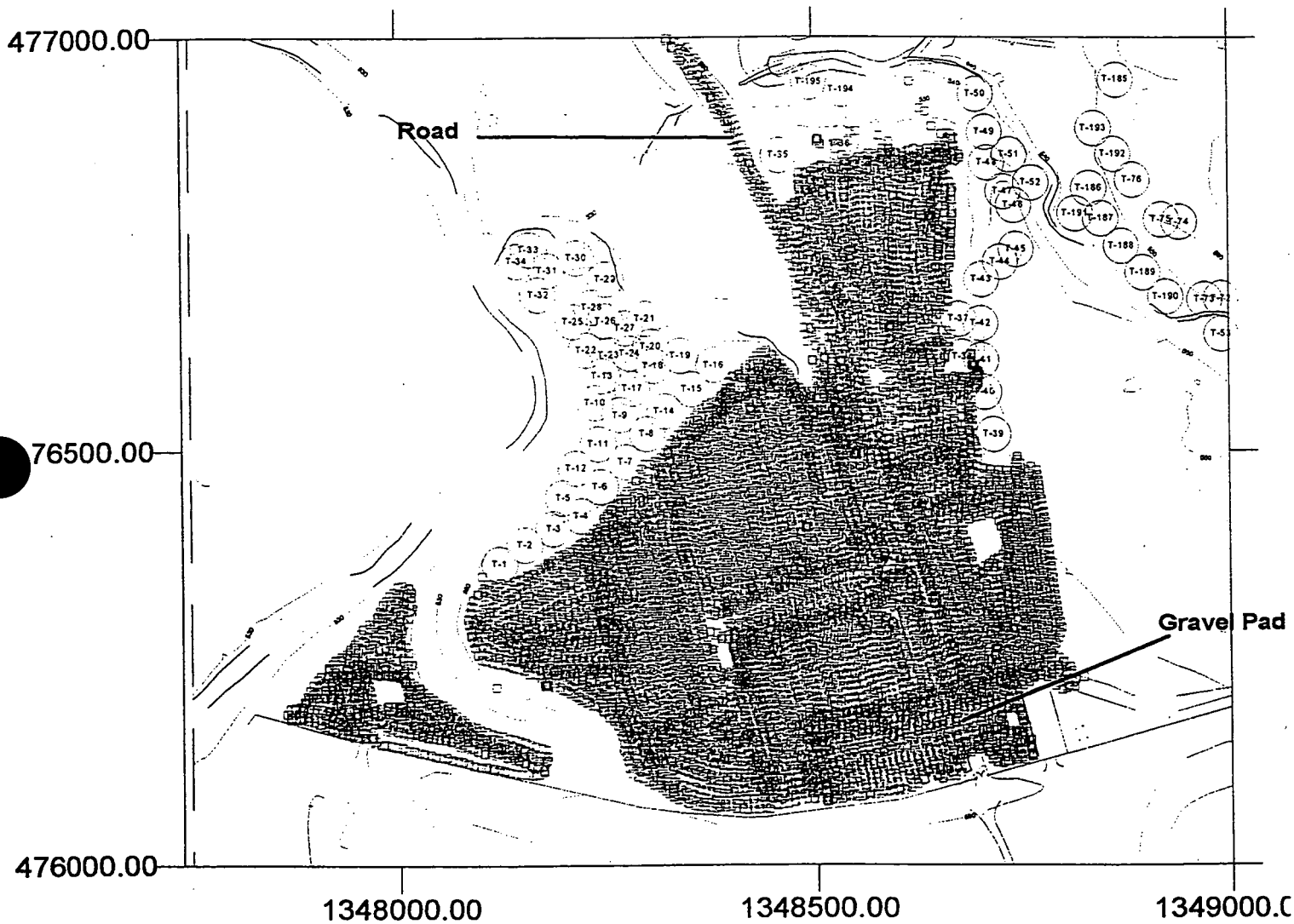
2114

(includes sections # 5,6,7,12,13,&18)

Radium 226 (pCi/gm)

Moisture & Radon Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Ra-226 (pCi/gm)

- -0.20 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP1-RA-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP1_RA_2PT_MC.srf
Date Prepared: 3/30/99

MAP #2

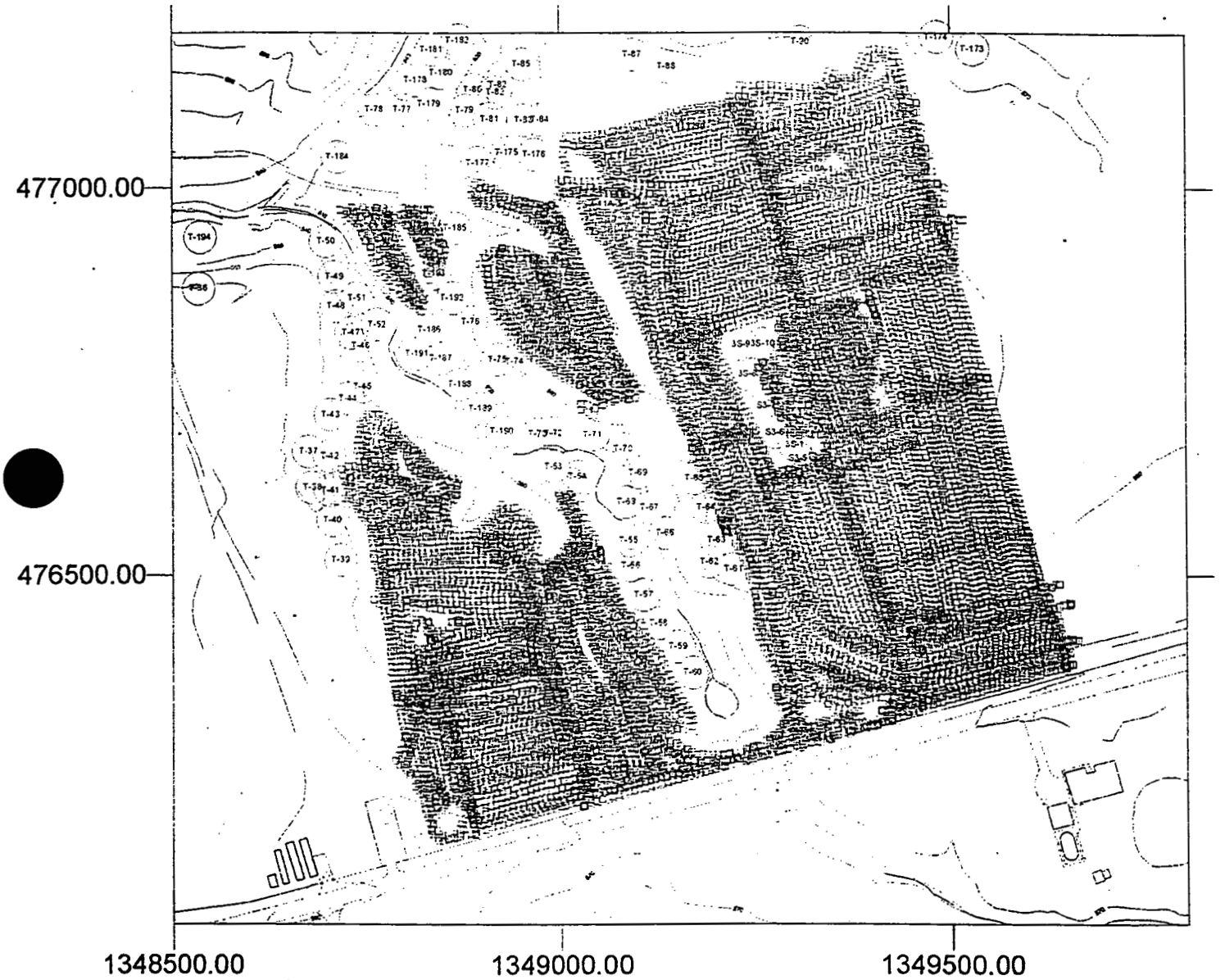
2114

(includes acre # 3,4,10,&11)

Radium 226 (pCi/gm)

Moisture & Radon Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Ra-226 (pCi/gm)

- -0.20 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP2-RA-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP2_RA_2PT_MC.srf
Date Prepared: 3/30/99

000152

MAP # 3

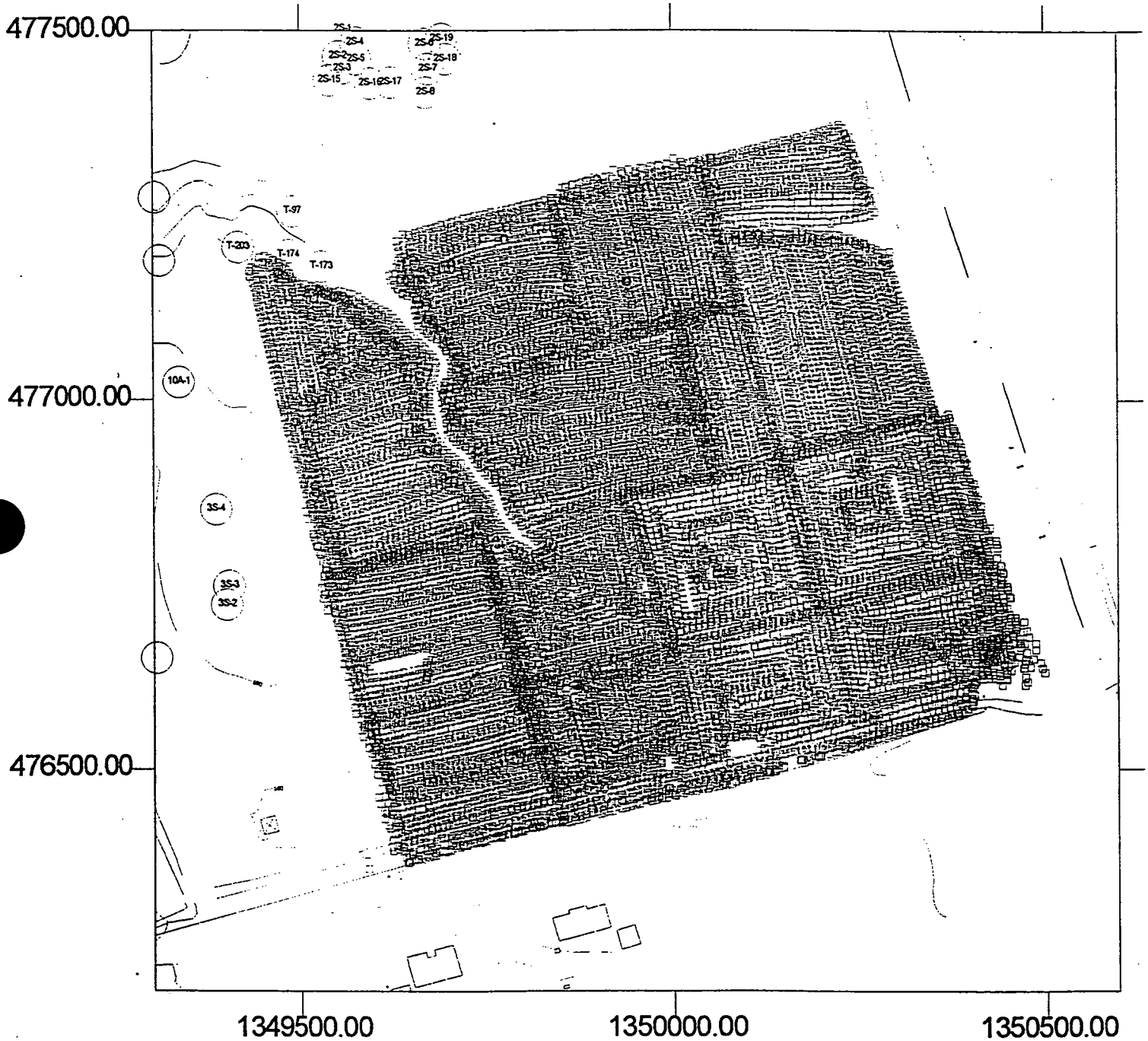
(includes sections # 1,2,8,9)

2114

Radium 226 (pCi/gm)

Moisture & Radon Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
pCi/gm

- -2.00 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP3-RA-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP3_RA_2PT_MC.srf
Date Prepared: 3/30/99

000153

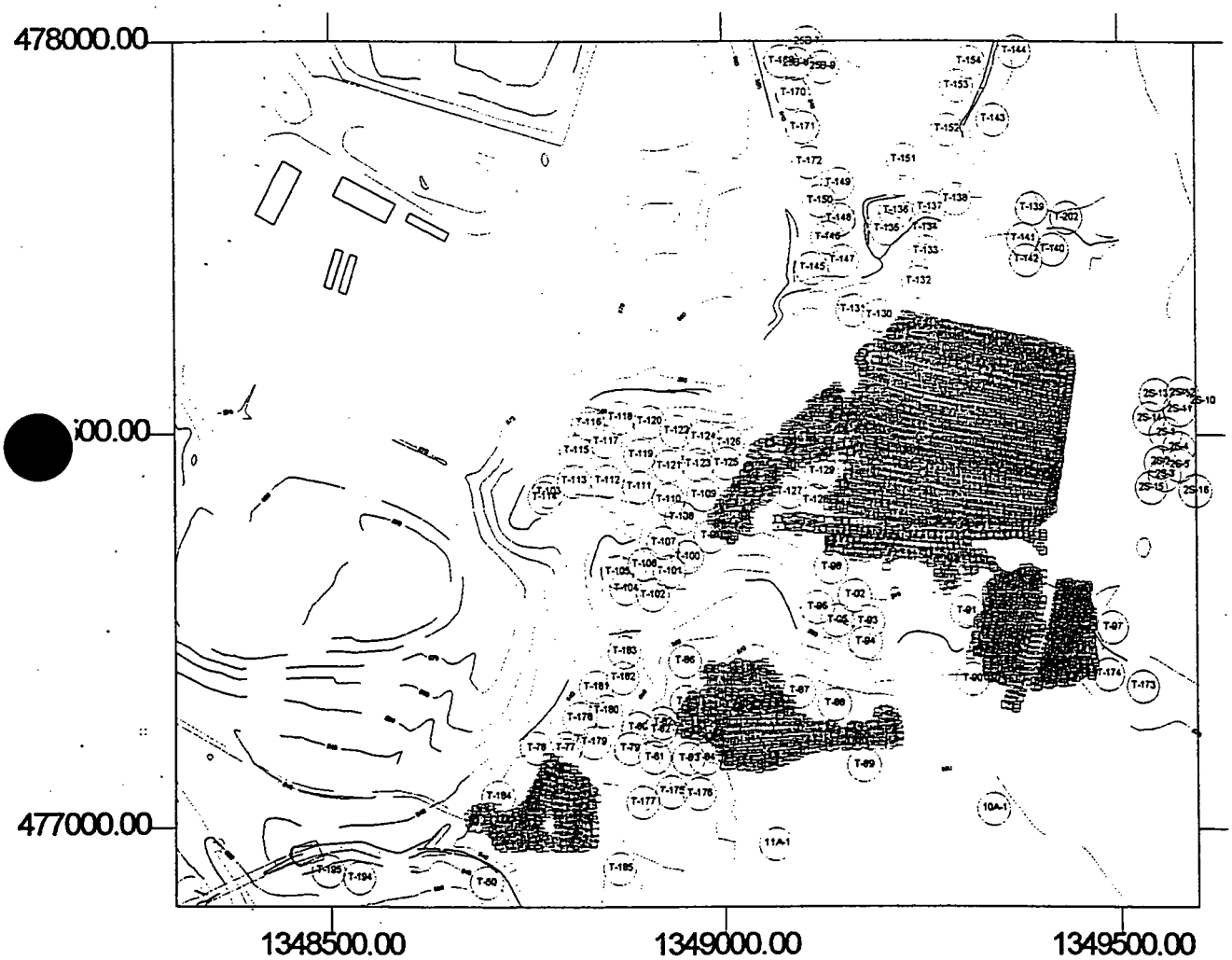
MAP # 4

(includes sections # 16,17, 21, & 22)

Radium 226 (pCi/gm)

Moisture & Radon Corrected
Two Spectra running average
Coverage Plot, Field of View to Scale

N



Legend
pCi/gm

- -1.00 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP4-RA-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP4_RA_2PT_MC.srf
Date Prepared: 3/30/99

MAP #5

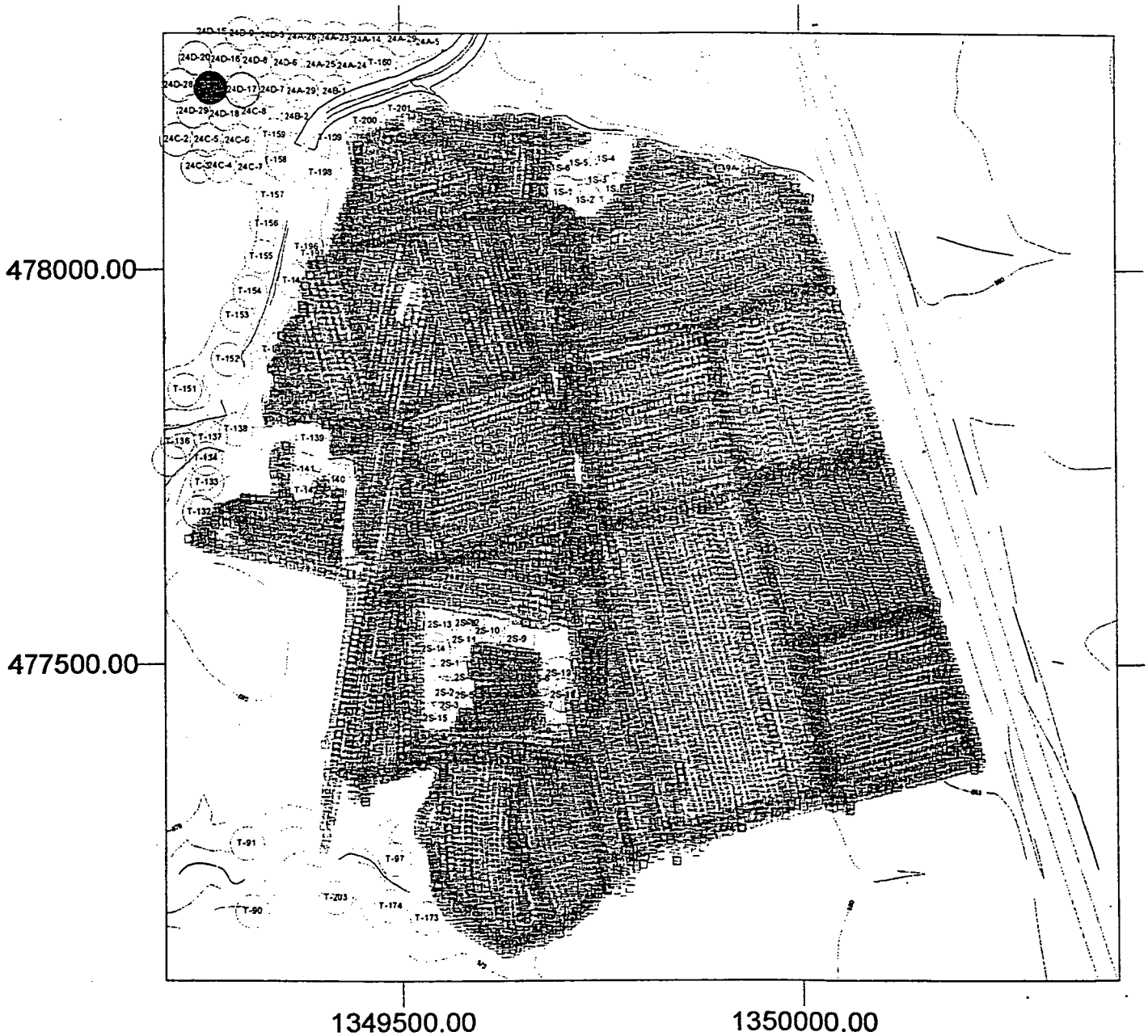
(includes sections # 14,15,19,&20)

2114

Radium 226 (pCi/gm)

Moisture & Radon Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Ra-226 (pCi/gm)

- -0.30 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP5-RA-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP5_RA_2PT_MC.srf
Date Prepared: 3/30/99

000155

2114

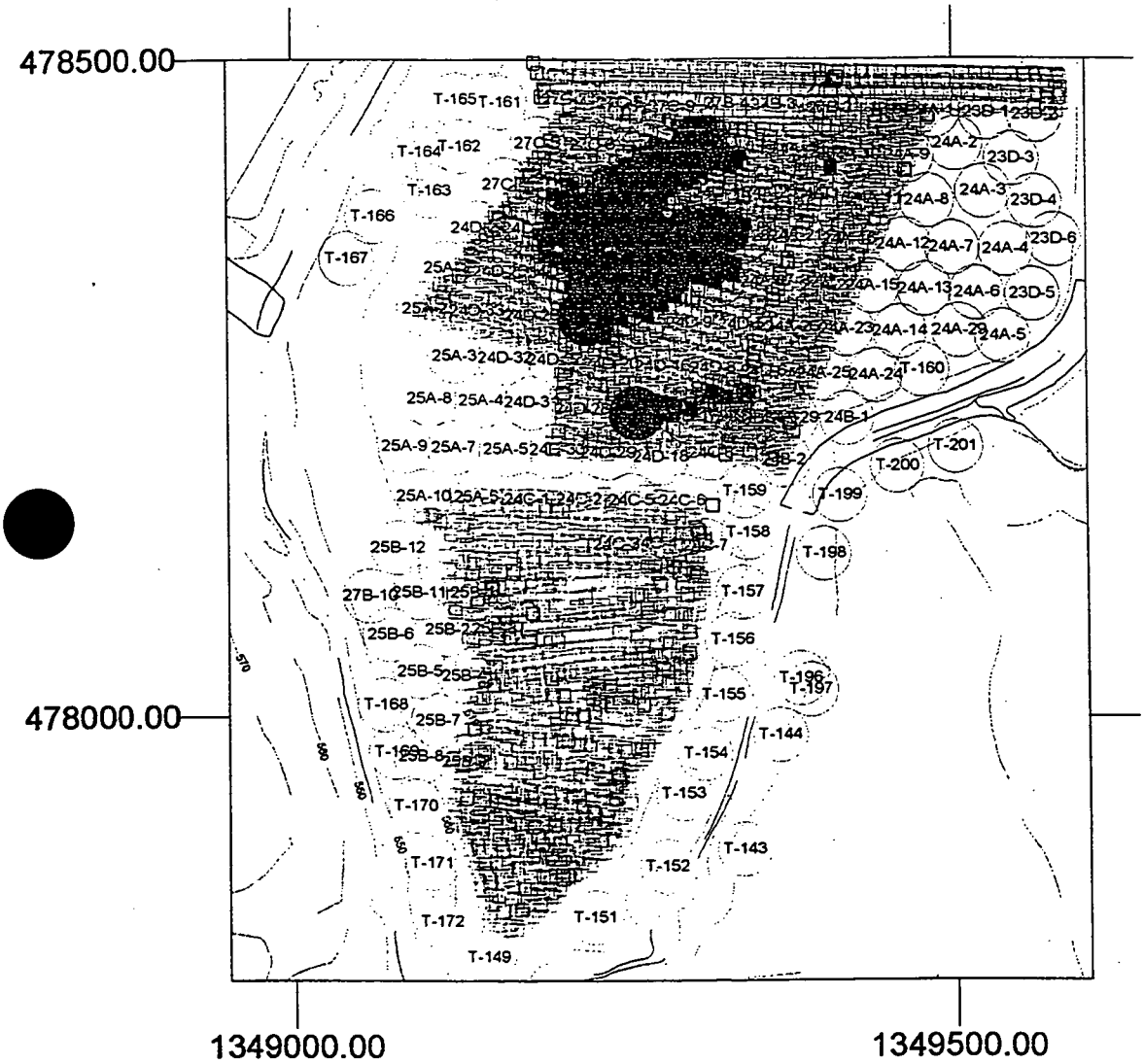
MAP #6

(includes sections #21, 23, 24, 25, & 27)

Radium 226 (pCi/gm)

Moisture & Radon Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Ra-226 (pCi/gm)

- -0.20 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP6-RA-2PT-MC
Project no.: 20460-PSP-0001
Project name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP6_RA_2PT_MC.srf
Date prepared: 3/30/99

SOIL PILE 1

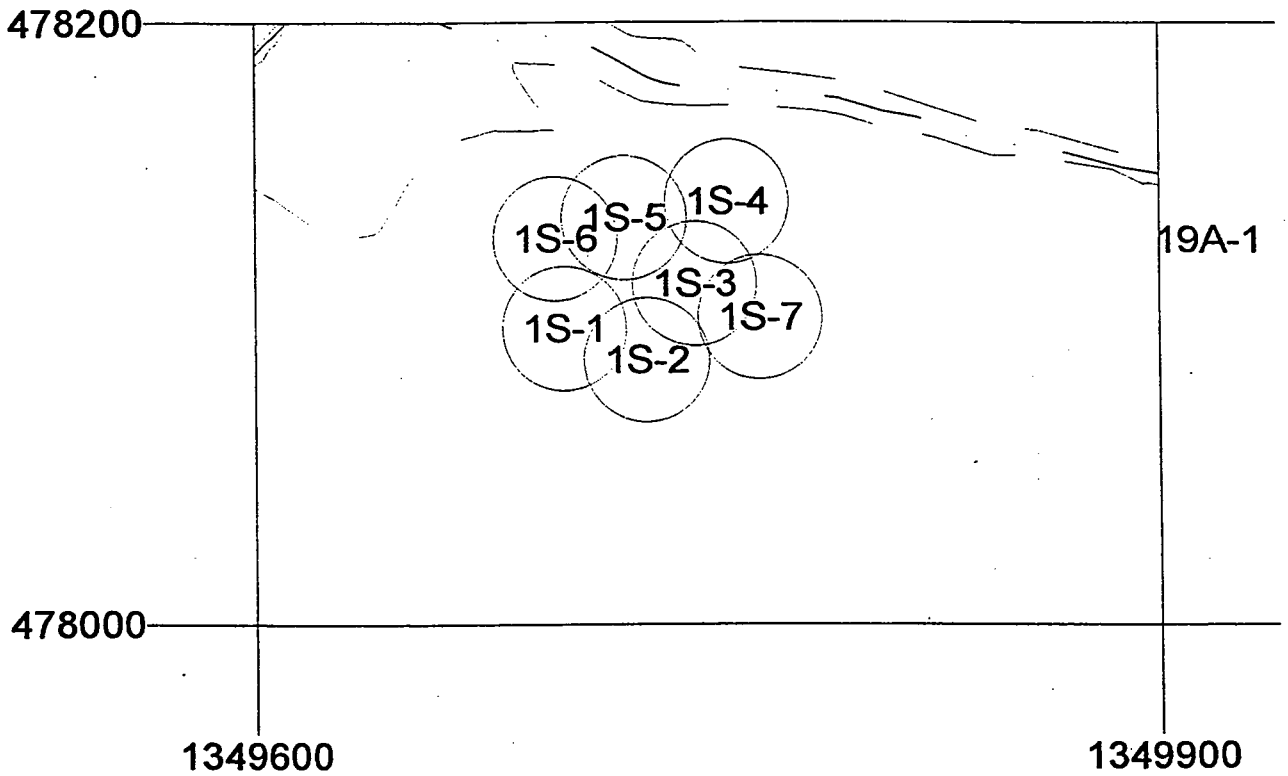
(MTL-SPO-019)

2114

Radium 226 (pCi/gm)

Moisture & Radon Corrected
One Spectra, no average
Coverage Plot, Field Of View to Scale

N



Legend
Ra-226 (pCi/gm)

- 0.00 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP1S-RA-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP1S_RA_1PT_MC.srf
Date Prepared: 3/30/99

SOIL PILE 2

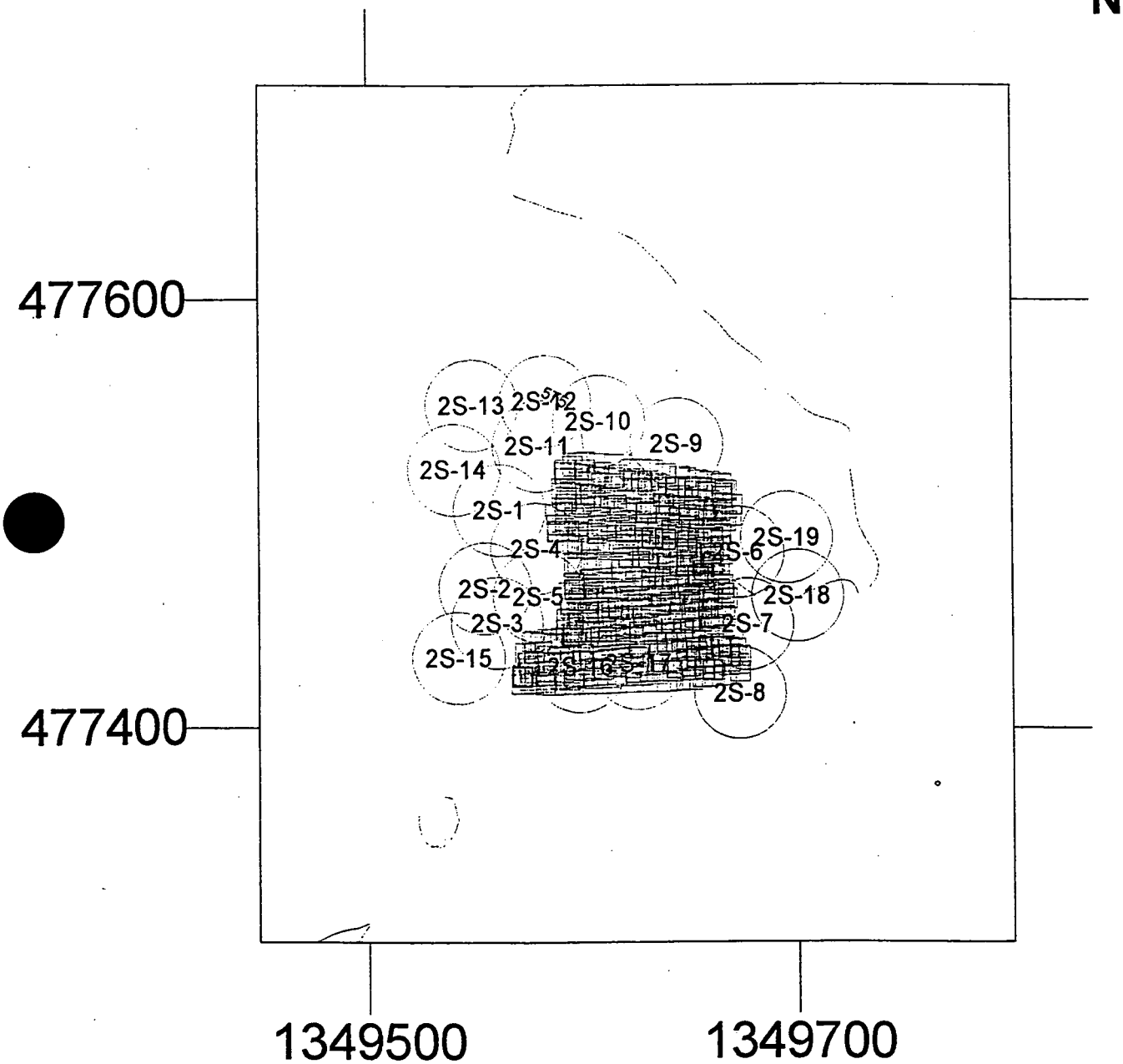
(MTL-SPO-004)

2114

Radium 226 (pCi/gm)

Moisture & Radon Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Ra-226 (pCi/gm)

- -0.20 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP2S-RA-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP2S_RA_2PT_MC.srf
Date Prepared: 3/30/99

000158

SOIL PILE 3

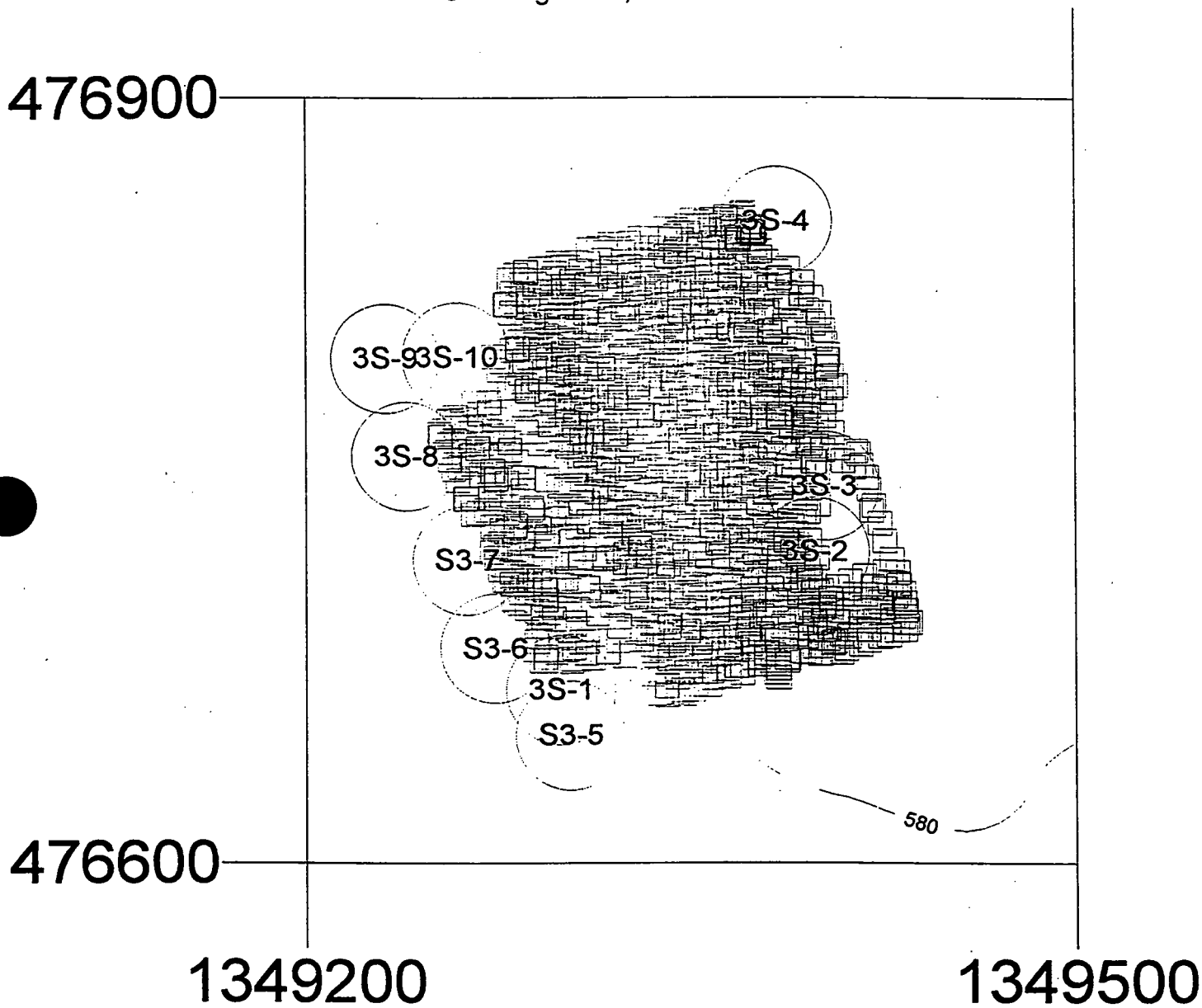
(MTL-SPO-005)

2114

Radium 226 (pCi/gm)

Moisture & Radon Corrected
Two Spectra running average
Coverage Plot, Field Of View to Scale

N



Legend
Ra-226 (pCi/gm)

- 0.00 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP3S-RA-2PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP3S_RA_2PT_MC.srf
Date Prepared: 3/30/99

SOIL PILE 4

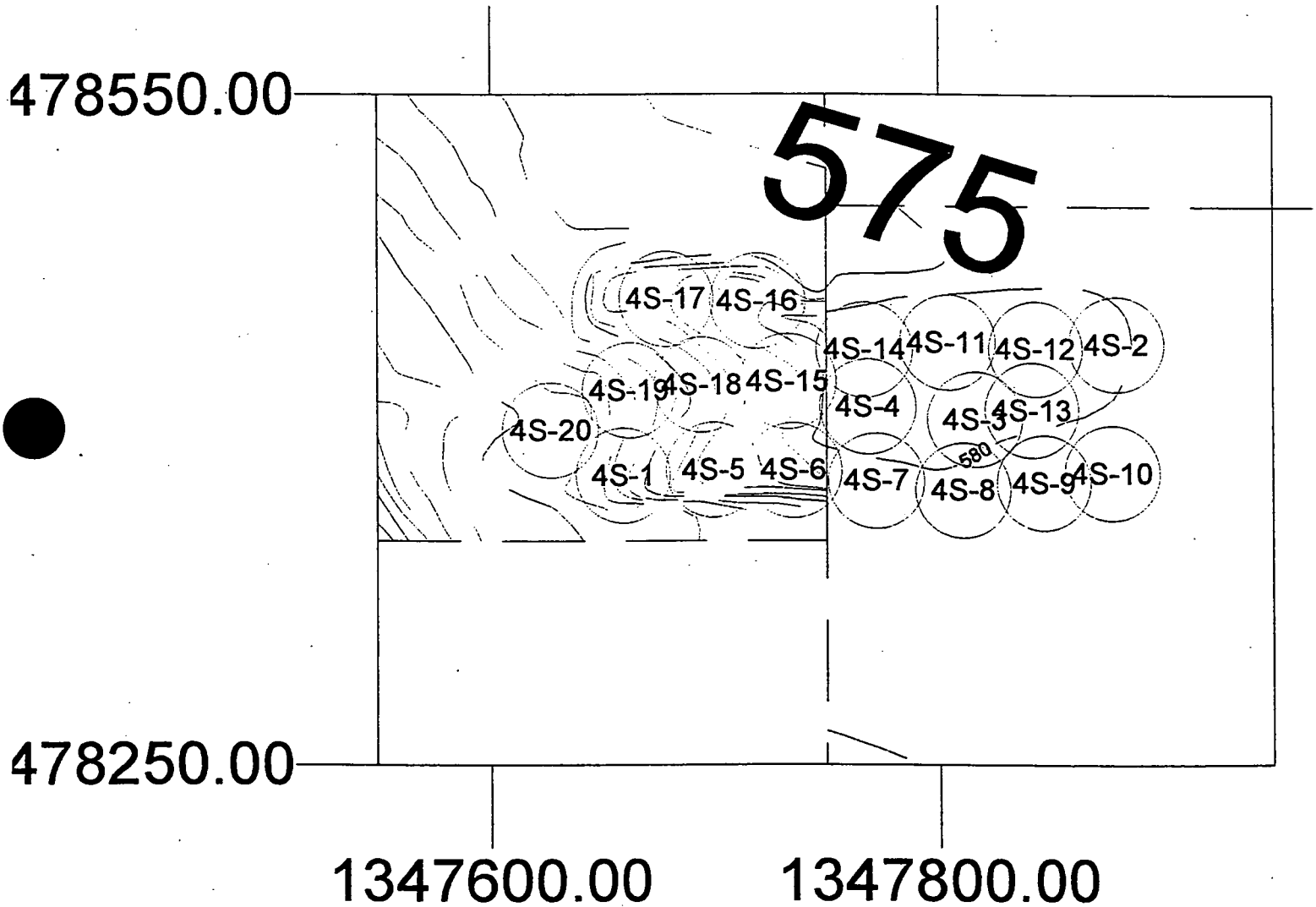
(MTL-HRD-011)

2114

Radium 226 (pCi/gm)

Moisture & Radon Corrected
One Spectra, no average
Coverage Plot, Field Of View to Scale

N



Legend
Ra-226 (pCi/gm)

- 0.00 to 1.70
- 1.70 to 3.40
- 3.40 to 5.10
- 5.10 to 10000.00

RTIMP DWG Title: A2P3-P1-MAP4S-RA-1PT-MC
Project: 20460-PSP-0001
Name: A2P3 PRECERT
Prepared by: David Allen
File: A2P3_P1_MAP4S_RA_1PT_MC.srf
Date Prepared: 3/30/99

APPENDIX E
PHASE II HPGE MEASUREMENT LOCATIONS AND RESULTS

APPENDIX E
PHASE II HPGe TOTAL URANIUM RESULTS

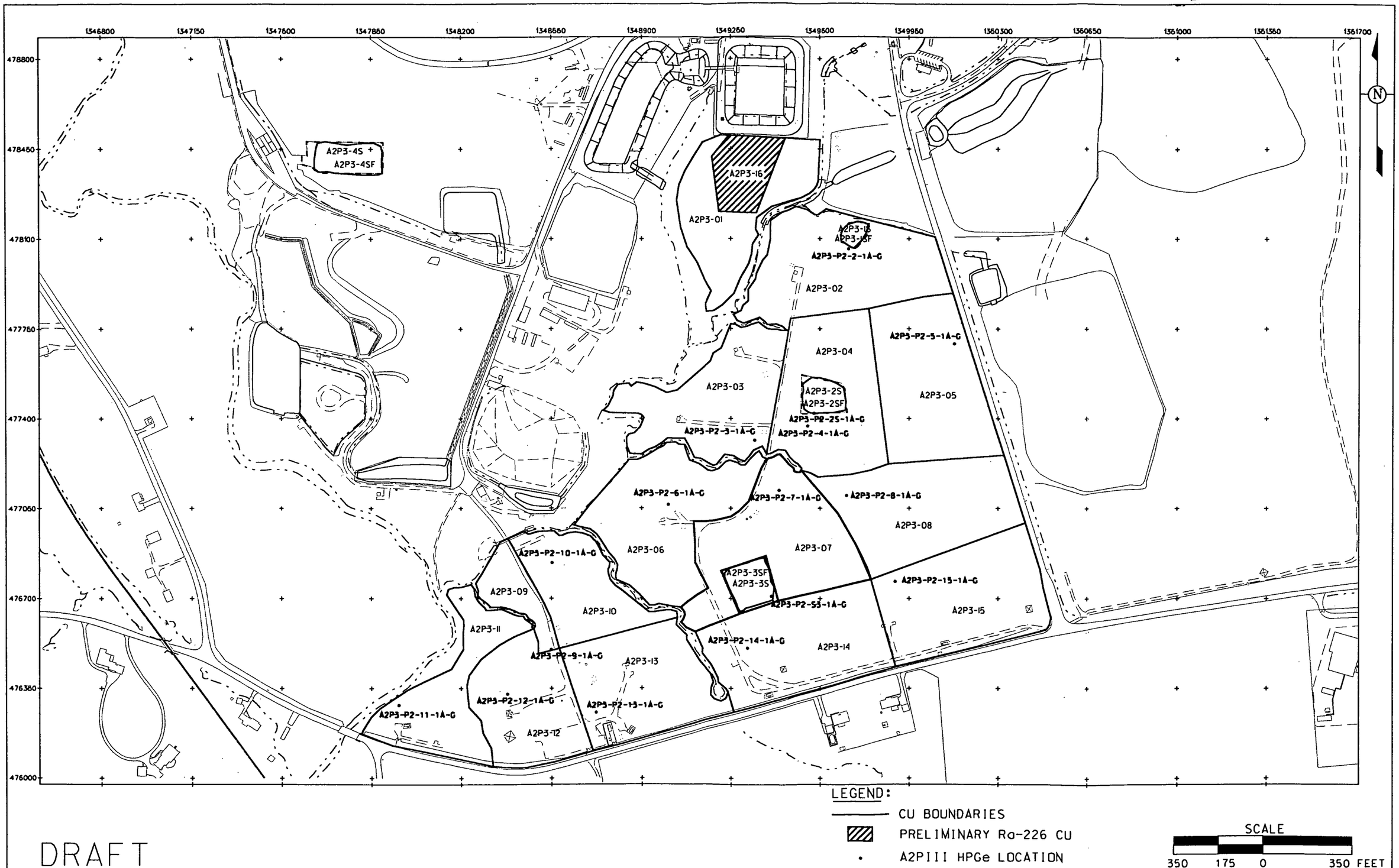
LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	TOTAL URANIUM (PPM)
A2P3-P2-2-1A-G	478061.4	1349712	100cm	10.30
A2P3-P2-2S-1A-G	477420.5	1349575.7	100cm	10.60
A2P3-P2-3-1A-G	477315.3	1349342.4	100cm	0.05
A2P3-P2-3S-1A-G	476707.9	1349407.5	100cm	9.10
A2P3-P2-4-1A-G	477371.1	1349551.7	100cm	9.13
A2P3-P2-5-1A-G	477691.5	1350127.7	100cm	13.90
A2P3-P2-6-1A-G	477064	1349003.8	100cm	11.80
A2P3-P2-7-1A-G	477120.1	1349438.3	100cm	0.07
A2P3-P2-8-1A-G	477099.9	1349703.3	100cm	13.80
A2P3-P2-9-1A-G	476500.1	1348548.2	100cm	8.05
A2P3-P2-10-1A-G	476837.8	1348552	100cm	7.32
A2P3-P2-11-1A-G	476284.9	1347956.6	100cm	0.09
A2P3-P2-12-1A-G	476327.5	1348379.6	100cm	9.45
A2P3-P2-13-1A-G	476255	1348720.9	100cm	8.91
A2P3-P2-14-1A-G	476505.9	1349314.2	100cm	6.56
A2P3-P2-15-1A-G	476765.5	1349895.8	100cm	8.92
A2P3-P2-16-1B-G	478232.42	1349299.49	31cm	25.00
A2P3-P2-16-2B-G	478463.24	1349406	31cm	14.30
A2P3-P2-16-3B-G	478236.09	1349259.75	31cm	50.30

APPENDIX E
PHASE II HPGe THORIUM-232 RESULTS

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	THORIUM-232 (pCi/g
A2P3-P2-2-1A-G	478061.4	1349712	100cm	0.82
A2P3-P2-2S-1A-G	477420.5	1349575.7	100cm	0.88
A2P3-P2-3-1A-G	477315.3	1349342.4	100cm	0.807
A2P3-P2-3S-1A-G	476707.9	1349407.5	100cm	0.773
A2P3-P2-4-1A-G	477371.1	1349551.7	100cm	0.842
A2P3-P2-5-1A-G	477691.5	1350127.7	100cm	0.782
A2P3-P2-6-1A-G	477064	1349003.8	100cm	0.797
A2P3-P2-7-1A-G	477120.1	1349438.3	100cm	0.951
A2P3-P2-8-1A-G	477099.9	1349703.3	100cm	1.04
A2P3-P2-9-1A-G	476500.1	1348548.2	100cm	0.738
A2P3-P2-10-1A-G	476837.8	1348552	100cm	0.917
A2P3-P2-11-1A-G	476284.9	1347956.6	100cm	0.705
A2P3-P2-12-1A-G	476327.5	1348379.6	100cm	0.837
A2P3-P2-13-1A-G	476255	1348720.9	100cm	0.835
A2P3-P2-14-1A-G	476505.9	1349314.2	100cm	0.827
A2P3-P2-15-1A-G	476765.5	1349895.8	100cm	0.717
A2P3-P2-16-1B-G	478232.42	1349299.49	31cm	0.709
A2P3-P2-16-2B-G	478463.24	1349406	31cm	0.779
A2P3-P2-16-3B-G	478236.09	1349259.75	31cm	0.656

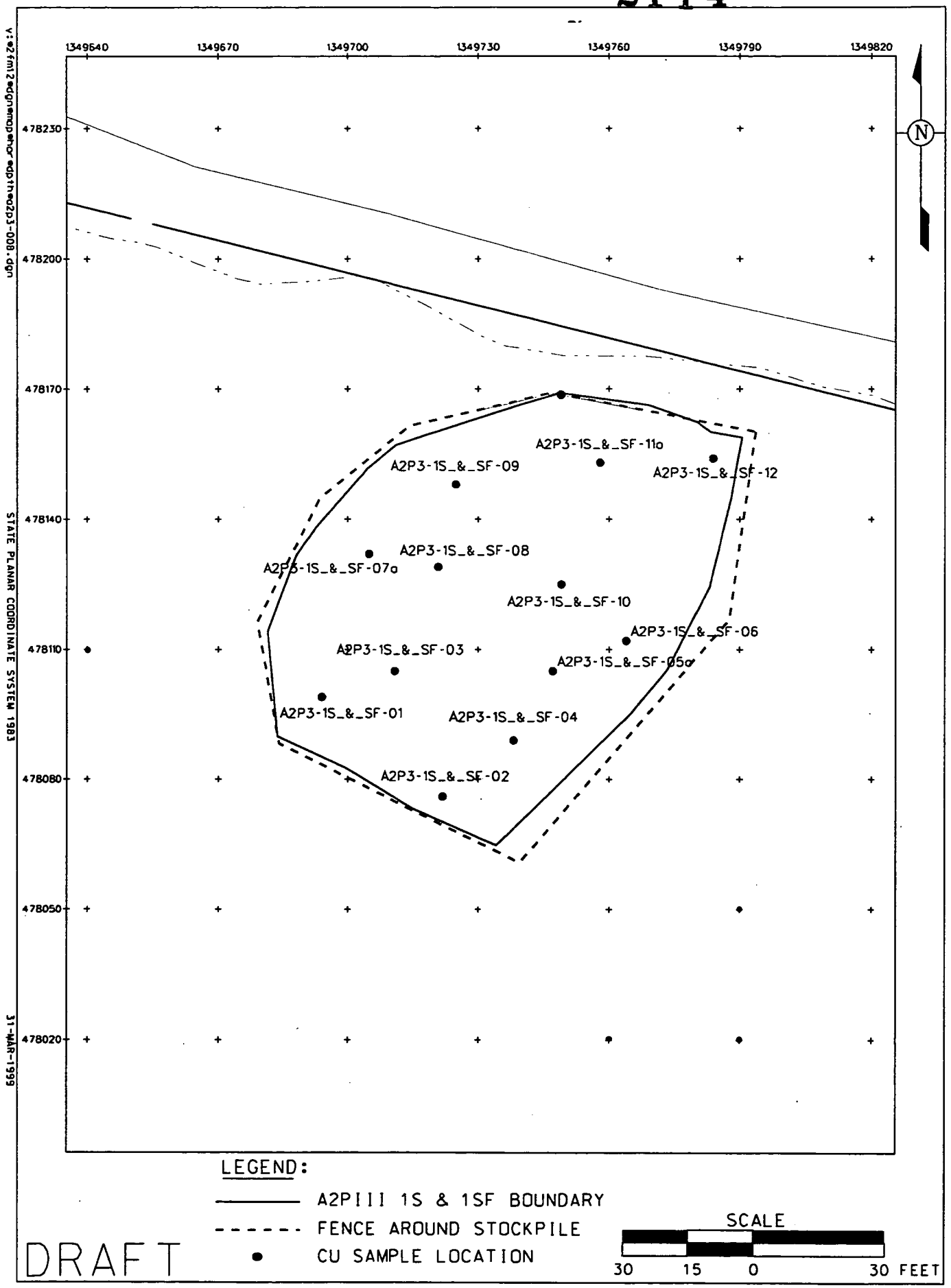
APPENDIX E
PHASE II HPGe RADIUM-226 RESULTS

LOCATION	NORTHING	EASTING	DETECTOR HEIGHT	RADIUM-226 (pCi/g)
A2P3-P2-2-1A-G	478061.4	1349712	100cm	1.17
A2P3-P2-2S-1A-G	477420.5	1349575.7	100cm	1.35
A2P3-P2-3-1A-G	477315.3	1349342.4	100cm	1.01
A2P3-P2-3S-1A-G	476707.9	1349407.5	100cm	0.97
A2P3-P2-4-1A-G	477371.1	1349551.7	100cm	1.16
A2P3-P2-5-1A-G	477691.5	1350127.7	100cm	0.92
A2P3-P2-6-1A-G	477064	1349003.8	100cm	0.99
A2P3-P2-7-1A-G	477120.1	1349438.3	100cm	1.28
A2P3-P2-8-1A-G	477099.9	1349703.3	100cm	1.26
A2P3-P2-9-1A-G	476500.1	1348548.2	100cm	0.9
A2P3-P2-10-1A-G	476837.8	1348552	100cm	1.25
A2P3-P2-11-1A-G	476284.9	1347956.6	100cm	1.07
A2P3-P2-12-1A-G	476327.5	1348379.6	100cm	1.16
A2P3-P2-13-1A-G	476255	1348720.9	100cm	1.06
A2P3-P2-14-1A-G	476505.9	1349314.2	100cm	1.12
A2P3-P2-15-1A-G	476765.5	1349895.8	100cm	0.7
A2P3-P2-16-1B-G	478232.42	1349299.49	31cm	3.96
A2P3-P2-16-2B-G	478463.24	1349406	31cm	2.26
A2P3-P2-16-3B-G	478236.09	1349259.75	31cm	14.09

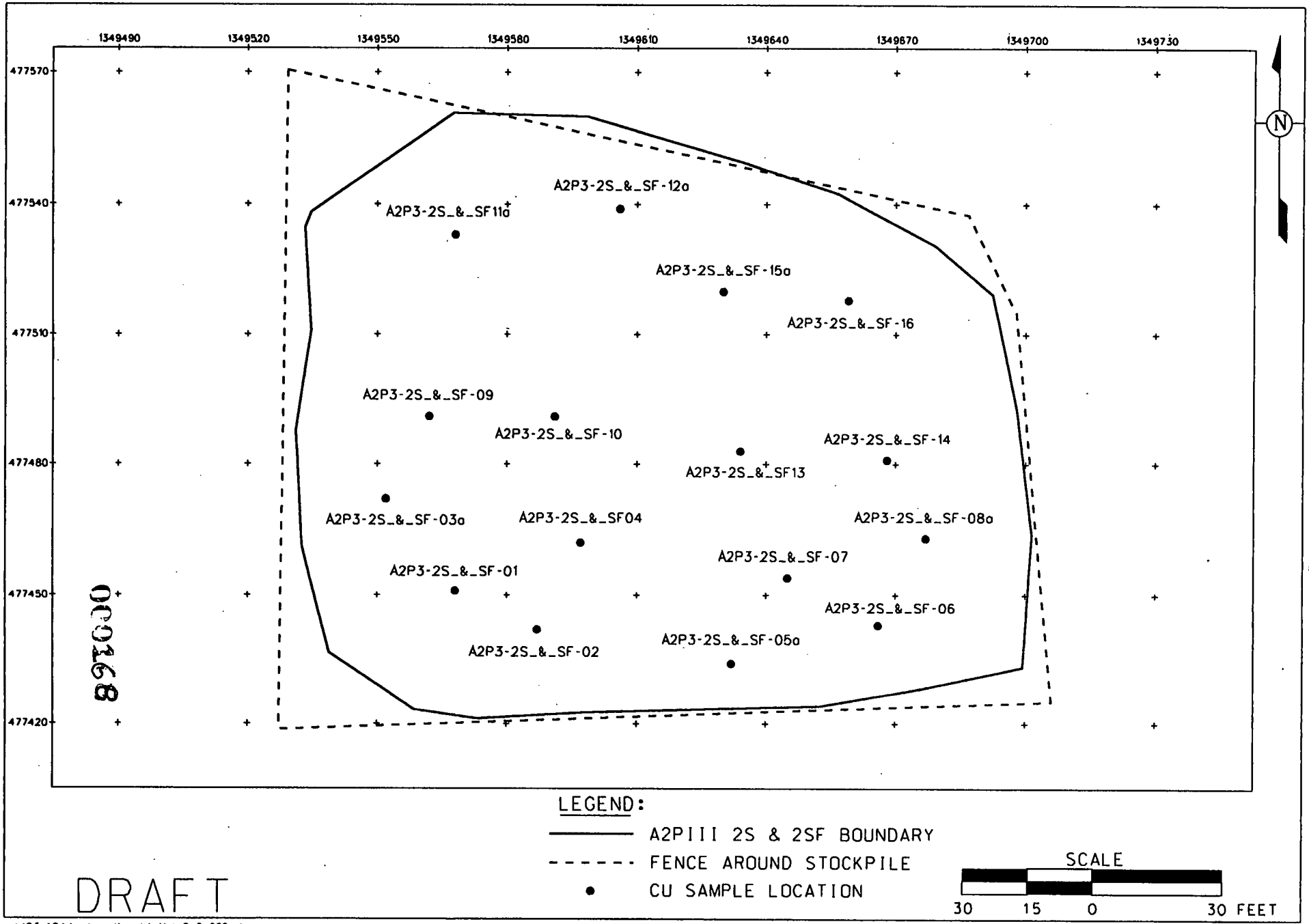


APPENDIX E. PHASE II HPGe MEASUREMENT LOCATION AND RESULTS

APPENDIX F
A2PIII SOIL STOCKPILE CUS AND SAMPLE LOCATIONS



APPENDIX F. A2PIII 1S AND 1SF CU SAMPLE LOCATIONS



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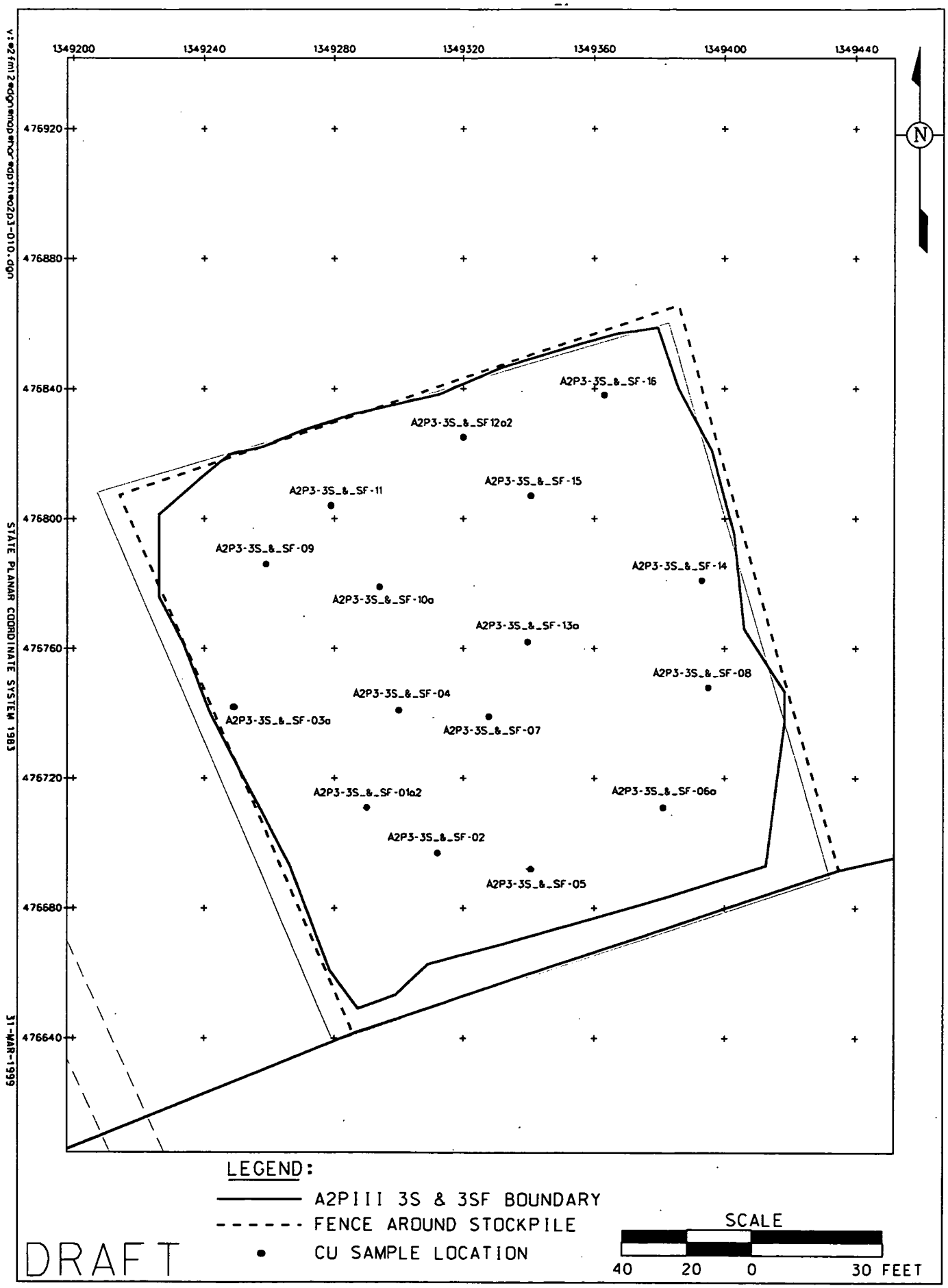
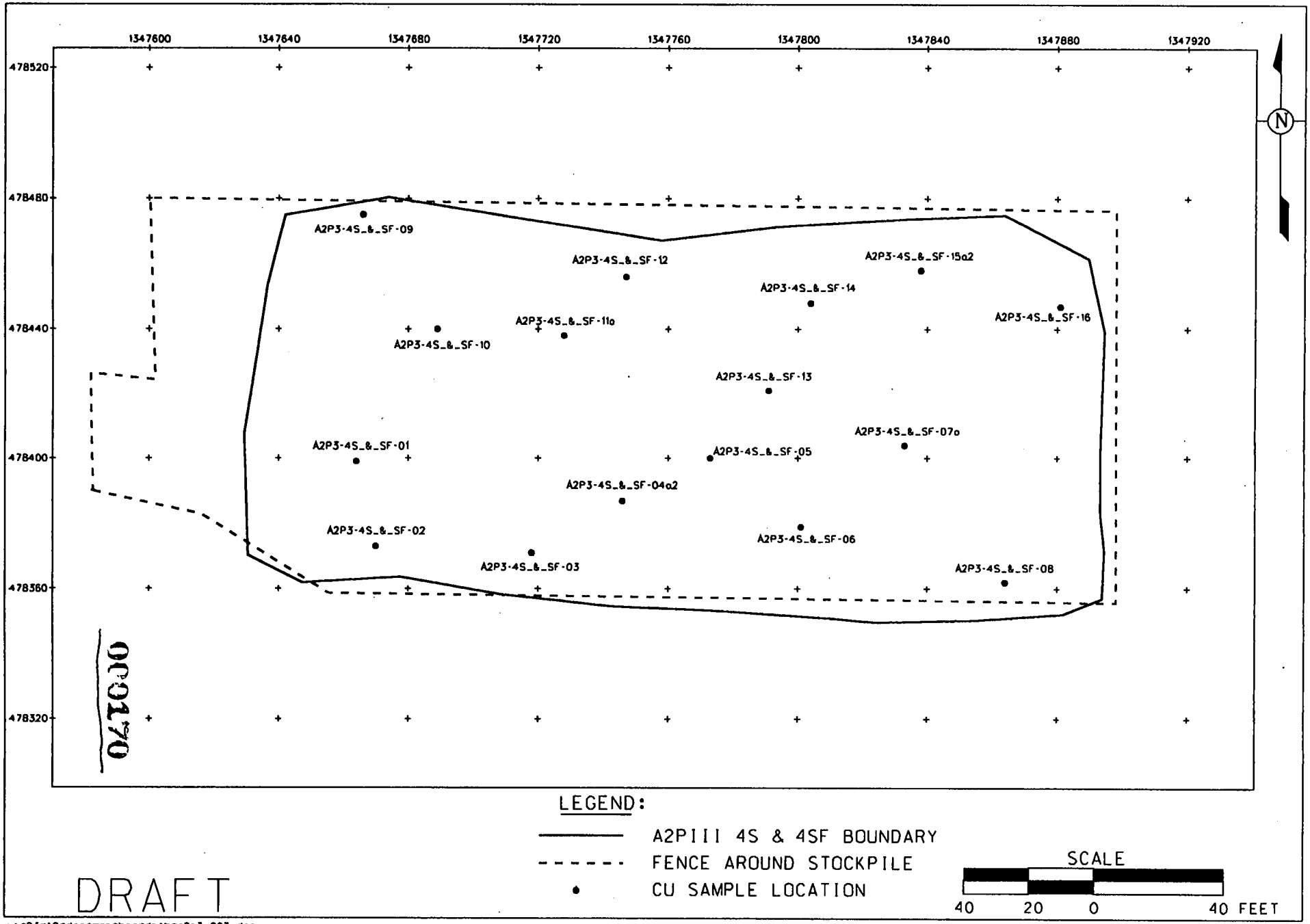
STATE PLANAR COORDINATE SYSTEM 1983

APPENDIX F. A2PIII 2S AND 2SF CU SAMPLE LOCATIONS



APPENDIX F. A2PIII 3S AND 3SF CU SAMPLE LOCATIONS



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APPENDIX F. A2PIII 4S AND 4SF CU SAMPLE LOCATIONS

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