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CERTIFICATION DESIGN LETTER FOR AREA 1, PHASE III

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
FERNALD, OHIO

INFORMATION ONLY

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U.S. DEPARTMENT OF ENERGY
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2988

TABLE OF CONTENTS

Executive Summary ES-1

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

2.0 Historical Soil Contamination Data 4
2.1 Historical Soil Analytical Data 4

3.0 Area-Specific Constituents of Concern 7
3.1 Selection Criteria 7
3.2 ASCOC Selection Process for A1PIII 8

4.0 Certification Approach 9
4.1 Certification Unit Design 9
4.2 Supplemental Real-Time Scanning 10
4.3 Certification Soil Sampling 10
4.4 Analytical Methodology and Statistical Analysis 12

5.0 Schedule 14

References R-1

LIST OF TABLES

Table 1 Historical Data Collected from Area 1, Phase III
Table 2 Historical Data Above the FRL in A1PIII
Table 3 ASCOC List for All A1PIII Certification Units

LIST OF FIGURES

Figure 1 Area 1, Phase III Location Map
Figure 2 Area 1, Phase III Topography and Surface Features
Figure 3 Historical Soil Sample Locations in A1PIII
Figure 4 A1PIII Certification Units
Figure 5 A1PIII Sub-CU and Certification Sampling Locations

LIST OF ACRONYMS AND ABBREVIATIONS

2988

A1PI	Area 1, Phase I
A1PIII	Area 1, Phase III
A1PV	Area 1, Phase V
ASCOC	area-specific constituent of concern
ASL	analytical support level
BTV	benchmark toxicity value
CDL	Certification Design Letter
COC	constituent of concern
COEC	constituent of ecological concern
CRDL	Contract Required Detection Limit
CU	certification unit
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
mg/kg	milligram per kilogram
NaI	sodium iodide
OEPA	Ohio Environmental Protection Agency
OSDF	On-Site Disposal Facility
OU5	Operable Unit 5
PCB	polychlorinated biphenyl
pCi/g	picoCuries per gram
PSP	Project Specific Plan
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
SED	Sitewide Environmental Database
SEP	Sitewide Excavation Plan
UCL	Upper Confidence Limit
V/FCN	Variance/Field Change Notice

EXECUTIVE SUMMARY

2988

This Certification Design Letter (CDL) describes the certification approach for Area 1, Phase III (A1PIII). The following information is included:

- The boundaries and a description of the area to be certified under the guidance of this CDL
- A presentation of historical data from the area proposed for certification
- A discussion of the area-specific constituent of concern (ASCOC) selection process and list of ASCOCs assigned to A1PIII
- A presentation of the certification unit (CU) boundaries and proposed certification strategy, including physical sampling and supplemental real-time scanning
- The analytical requirements and the statistical methodology that will be employed
- The proposed schedule for the certification activities.

The scope of this CDL is limited to A1PIII, a 107.4-acre parcel of land located on the north border of the Fernald Environmental Management Project (FEMP) property. This perimeter area of the site is located north of the Waste Pits and the Former Production Area. Historical data from A1PIII were more prevalent than from other perimeter areas of the site, and a review of these data showed some isolated and/or questionable results slightly above the final remediation level (FRL). This contamination, however, is not sufficient to indicate that a certification failure could result, so no remedial actions will be taken prior to certification.

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 A1PIII 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 25 CUs have been established in A1PIII. The goal of the CU design was to isolate to the extent practical, the portions of A1PIII where aerial photographs and visual inspection indicated prior soil disturbance. Because 100 percent precertification scanning could not be conducted due to dense vegetation, supplemental real-time scanning will be performed in A1PIII disturbed areas prior to and during certification as an alternative.

Certification sampling is scheduled to begin in open-field CUs March 27, 2000. The wooded CUs be sampled in the fall of 2000, and the Certification Report will be issued by August 31, 2001.

2988

1.0 INTRODUCTION

2988

This CDL describes the certification approach for demonstrating that soil in A1PIII meets the FRLs for all ASCOCs. The format of this CDL follows guidelines presented in the SEP. Accordingly, this CDL consists of six sections:

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

2.0 Historical Soil Contamination Data - Presentation and discussion of historical soil COC data and an evaluation of the results against the action levels

3.0 Area-Specific Constituents of Concern - Discussion of selection criteria and ASCOCs for A1PIII

4.0 Certification Units - Presentation of CU design, real-time scanning, and physical soil sampling and analytical methodologies

5.0 Schedule

References

1.1 OBJECTIVES

The primary objectives of this document are to:

- Define the boundaries of the area to be certified under the guidance of this CDL
- Present historical soil contamination data collected from within the area proposed for certification
- Define the ASCOC selection process and list the selected A1PIII ASCOCs
- Present the CU boundaries and proposed strategy for certification sampling and supplemental real-time scanning
- Summarize the analytical requirements and the statistical methodology that will be employed
- Present the proposed schedule for the certification activities.

1.2 SCOPE AND AREA DESCRIPTION

The scope of this CDL is limited to A1PIII (also known as the Northern Woodlot), as identified on Figure 1. A1PIII includes the northern portion of the FEMP between Paddys Run and the old north access road. The A1PIII boundary has been modified from the SEP to follow the existing fence around

the northern woodlot. This fence was installed following construction of the railyard (located just south of A1PIII), several acres adjacent to the railroad line that were formerly part of A1PIII will no longer be part of this current certification effort. This land will not be considered as Area 1, Phase V (A1PV). The former boundary of A1PIII and A1PV are shown on Figure 2.

With the revised boundary, A1PIII is a 107.4-acre parcel of land. It is primarily wooded, with several open areas of formerly grazed meadow. Topography of A1PIII is variable, with an overall slope to the south-southwest. Significant to A1PIII is the forested wetland habitat. Several small drainage ditches enter A1PIII from an off-property agricultural area, and eventually disperse within A1PIII to form the wetlands.

It is unlikely that A1PIII has been impacted from former FEMP production activities for several reasons. First, A1PIII is located to the north and northwest (generally upwind) of the Former Production Area, and therefore, should have minimal impacts from airborne contamination. Secondly, A1PIII does not receive drainage from any other part of the FEMP site. Finally, as stated in the OU5 Remedial Investigation (DOE 1995a), no known disposal or plant related activities were associated with this region of the FEMP. While this is the case, a review of aerial photographs and visual examinations of the area show several soil disturbances in A1PIII, as follows:

- During plant construction (early 1950s), fill was deposited over the hillside in northeast corner of this area. The amount of bedrock in this fill indicates it likely originated from where the old access road (a.k.a., construction road) was cut through the hillside.
- Aerial photos from the mid-1970s show earthwork in the southwest corner of A1PIII just north of the railroad tracks. A large area of dispersed fill is evident in this area upon visual inspection.
- Aerial photographs from the 1960s and 1970s show several cleared paths running throughout this area that were used for security patrols during production.
- A 1977 aerial photo showed a small excavation beginning at the north property boundary roughly 700 feet east of Paddys Run, and extending in a southwest direction toward Paddys Run. Based on the trenched shape of the excavation and the saturated soil conditions in this area, this was probably an effort to divert drainage toward Paddys Run.
- More recently during construction of the rail yard, several brush piles and small soil piles containing concrete debris were placed along the southern edge of what is now A1PIII (located inside the new fence). Information on these piles was documented in a Variance/Field Change Notice (V/FCN 20720-PSP-0001-1) to Revision 0 of the A1PIII Certification Sampling Project Specific Plan (PSP, DOE 1999).

For the purpose of this CDL, these areas collectively will be referred to the "A1PIII disturbed areas" Overall these soil disturbances are rather benign, in that they do not directly result in soil contamination. However there is some uncertainty as to the nature and origin of the fill material. Otherwise, a local farmer has been using this area for grazing cattle since the early 1970s. Based on existing soil analytical data, historical land use and location, no soil excavation is anticipated to remove contaminated soil. Consequently, the remediation approach will follow Excavation Approach E, as discussed in Section 4.5 of the SEP, and no Integrated Remedial Design Package will need to be submitted.

Typically, a precertification scan is conducted prior to issuance of the CDL. The data from these scans are used to: 1) verify that no localized contamination (i.e., "hot spots") are present 2) provide a preliminary indication if an area will likely pass certification, and 3) bias CU boundaries so pockets of elevated activity are contained. Because A1PIII is primarily wooded, it is impossible to conduct a traditional precertification scan without a large-scale vegetation removal. This would contradict natural resource restoration goals, especially since this area contains a sensitive habitat (the forested wetland) and a mature forest on the west. In the absence of precertification data, existing historical data and land use information were used to verify the certification readiness and to establish CU boundaries.

As an added measure to verify that no hot spots are present, real-time scanning will be conducted as part of the certification process in the A1PIII disturbed areas. This "supplemental" real-time scanning is discussed further in Section 4.2, and details of the fieldwork are presented in the PSP for A1PIII Certification Sampling.

Based on historical data, land use history and its perimeter location, no soil remediation is anticipated in A1PIII. Because no traditional precertification scan will be conducted, the certification process for this portion of the site began with certification sampling and where applicable, the supplemental real-time scan.

2.0 HISTORICAL SOIL CONTAMINATION DATA

Prior to conducting certification sampling, all soil demonstrated to contain contamination above the associated FRLs or other applicable action levels must be evaluated for remedial actions in accordance with the SEP. The OU5 ROD also commits the FEMP to remove debris and building foundations before a remediation area can be certified. Within A1PIII, some concrete debris is present at several locations. The majority of the concrete debris is located on the southwest corner of A1PIII along the Paddys Run stream bank. Several small piles of concrete debris are also located in the southeast and northeast corners of A1PIII. A recent scan this debris with a beta/gamma frisker has shown it all to be free of radioactive contamination. Per requirements of the OU5 ROD, this concrete debris will be removed from A1PIII prior to certification of this area. This removal will take place during the spring or summer of 2000, and the debris will be sent to the On-Site Disposal Facility (OSDF).

2.1 HISTORICAL SOIL ANALYTICAL DATA

Before initiating the certification process, all historical soil data pertinent to A1PIII were pulled from the Sitewide Environmental Database (SED). In total, soil samples were analyzed from 37 borings in A1PIII, including monitoring well installations. The locations of these soil borings are shown on Figure 3. Unfortunately, only three locations (Zone 3-449, Zone 3-473, and 2052) fall within A1PIII disturbed areas, and they were from the disturbed area adjacent to the railyard prior to soil disturbance. Total uranium was analyzed in nearly all borings (77 total analyses); the other primary radiological COCs were analyzed in most borings. Most samples were also analyzed for other COCs. All historical soil COC data collected within A1PIII are presented in Table 1.

The review of the A1PIII soil contamination data primarily focused on results versus the FRL. As presented in Table 2, several above-FRL results were identified, most of which were cases where the laboratories' contract required detection limit (CRDL) exceeded the FRL. This is the case with aroclor-1254, aroclor-1260, dieldrin, 3,3-dichlorobenzidine, and N-nitroso-di-n-propylamine. Only the two polychlorinated biphenyl s (PCBs) and dieldrin are ASCOCs for Area 1. These COCs are associated with former FEMP production operations, and within Area 1 should only be found in the vicinity of the Sewage Treatment Plant. Based on location and former land uses, there is no reason to believe that these COCs should be found in A1PIII.

Thorium-228 and beryllium are the only two COCs with detected results above the soil FRL in A1PIII. Initial review of the thorium-228 data revealed that nine of 32 results exceeded the FRL of 1.7 picoCuries per gram (pCi/g), with a maximum value of 3.49 pCi/g. However, there is reason to believe that these exceedences are not real. All nine FRL exceedences came from the same laboratory within the same time period, and suspicion arises because three of those nine above-FRL concentrations were found well below the surface (see Table 2) in a non-disturbed area. This includes the maximum concentration (3.49 pCi/g) which was identified at a depth of 20 to 21 feet. This type of contamination pattern is not realistic for this area. Furthermore, data from this same Remedial Investigation/Feasibility Study (RI/FS, DOE 1995a and 1995b) showed a similar thorium-228 contamination pattern continuing into Area 1, Phase I (A1PI), although the extensive A1PI certification sampling program revealed no problem with thorium-228 contamination. This fact lends more validity to the belief that these data are suspect.

For beryllium, one of 18 analytical results was found to exceed the FRL of 1.5 milligrams per kilogram (mg/kg). This concentration was detected at 1.6 mg/kg in a soil boring SS-21, which was collected in the south central portion of A1PIII. The next highest detected beryllium result from A1PIII was 0.86 mg/kg. The prevalence of below-FRL results in this data set demonstrates that widespread beryllium contamination is not present in this area of the site. This idea is also supported by the A1PI certification data, since all A1PI CUs passed certification statistical criteria for beryllium. While this is the case, beryllium will still require further evaluation in a portion of A1PIII during certification as discussed in Section 3.2 because of this above-FRL concentration.

Existing data collected from within A1PIII were also reviewed against the benchmark toxicity values (BTVs) of each constituent of ecological concern (COEC). As noted in Table 2-7 of the SEP, antimony (BTV = 10 mg/kg), lead (BTV = 200 mg/kg), and molybdenum (BTV = 10 mg/kg) are the COECs for Remediation Area 1. A review of A1PIII data against applicable BTVs showed that antimony and lead results were all below the BTVs. For molybdenum, three of the 18 results exceeded the BTV, with a maximum concentration of 13.3 mg/kg. These results were all from surface soil, and the CRDL is below the BTV. While this is the case, molybdenum is not expected to be a problem for ecological receptors in A1PIII since two of the three above-BTV molybdenum results from A1PIII (including the maximum result) are from a suspect molybdenum data set. Refer to Section C.4.1.4.2 (Appendix C) of the SEP for a discussion of this suspect data. Moreover, Appendix C of the SEP identifies the areas of concern for

sampling for these BTVs during Area 1 certification, and no portion of A1PIII is included (see Figures C-3, C-5 and C-6 in Appendix C of the SEP). As a conclusion, no COECs will be retained for A1PIII certification sampling and analysis.

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 above their corresponding FRL, thus eliminating them from further consideration. The 30 remaining sitewide COCs account for over 99 percent of the combined risk to a site receptor model, and they comprise the list from which all of the remediation ASCOCs are drawn. When planning certification for a remediation area, additional selection criteria are used to derive a subset of these 30 COCs. This subset of COCs is passed along to the certification process.

3.1 SELECTION CRITERIA

All of the sitewide primary COCs (total uranium, radium-226, radium-228, thorium-232, and thorium-228) will be retained as ASCOCs for certification in all areas of the site. The selection process for retaining secondary ASCOCs for a remediation area is driven by applying a set of decision criteria. A soil contaminant will be retained as an A1PIII ASCOC if the following apply:

- It is listed as a soil COC in the OU5 ROD, and it is listed an ASCOC in Table 2-7 of the SEP for the Remediation Area of interest
- Analytical results show that a contaminant is present above its FRL, and the above-FRL concentrations are not attributable to false positives or elevated CRDLs
- It can be traced to site use, either through process knowledge or known release of the constituent to the environment
- Physical characteristics of the contaminant, such as degradation rate and volatility, indicate it is likely to persist in the soil between time of release and remediation.

3.2 ASCOC SELECTION PROCESS FOR A1PIII

Total uranium, radium-226, radium-228, thorium-228 and thorium-232 are sitewide primary COCs, and will be retained as ASCOCs throughout A1PIII. Also, beryllium will be retained as a limited ASCOC since an above-FRL result was found in the historical data set. The most likely mechanism for beryllium contamination is airborne deposition from former production operations. Therefore, there is an increased probability of finding this contaminant in parts of A1PIII located closest to the Former Production Area. Existing below-FRL results bound the above-FRL result to the north, east, and west, thus demonstrating that beryllium contamination is not widespread. However, there is still uncertainty about concentrations in soil to the south. Therefore, beryllium will be retained as an ASCOC in the CU that contains the above-FRL result (CU 15), and also in the CUs located to the south (CUs 05, 16, 23 and 25). As an added conservative measure, it will also be retained as an ASCOC in the CUs adjacent the above-FRL beryllium concentration (CUs 04, 14 and 19). The other COCs with FRL exceedences, aroclor-1254, aroclor-1260, dieldrin, 3,3-dichlorobenzidine, and N-nitroso-di-n-propylamine, have these exceedences only because the CRDL exceeded the FRL. There is no reason to believe that these COCs should be found in A1PIII given its location and historical land use. Per ASCOC selection criteria, they will not be retained as ASCOCs.

In conclusion, the sitewide primary COCs will be retained as the ASCOCs for all A1PIII CUs. In addition, beryllium will be retained as an ASCOC in eight selected CUs based on above-FRL result from the historical data set. The selected A1PIII ASCOCs are listed on Table 3 along with their applicable FRL.

4.0 CERTIFICATION APPROACH

The certification approach for A1PIII follows the general approach outlined in Section 3.4 of the SEP. Because A1PIII is considered to be a "non-impacted area," Approach E from the SEP will be used as a basis for certification design, as described in Section 4.5 of the SEP. Therefore, Group 2 CUs, which can be as large as 250,000 square feet, have been located within A1PIII.

4.1 CERTIFICATION UNIT DESIGN

There were few factors to consider when establishing CU boundaries, given the limited historical land uses and the inability to perform a comprehensive precertification scan. Consequently, the CU design for A1PIII was based on the following six objectives:

1) To the extent practical, isolate the cleared paths and a 25-foot area around them into CUs, since these areas are potential locations for isolated contamination

2) Isolate the excavated strip near the northwest corner of A1PIII into one CU

3) Isolate the fill areas in the northeast and southwest corners of A1PIII into CUs

4) Isolate disturbed area along the southern boundary (adjacent to the railyard) in a single CU, which will also contain the small soil/debris piles found in this area

5) Contain the soil closest to the fire training facility (excluding the CU from Objective 4, above) into a CU, since this represents the most likely part of A1PIII to have been affected by airborne contamination

6) Logically divide the remaining portions of A1PIII into CUs no larger than 250,000 square feet.

CUs 01 through 05 have been established to meet Objective 1, while CU 07 was established to meet Objective 2. To meet Objective 3, CU 21 isolates the fill in the northeast corner of A1PIII, and CU 24 isolates the fill in the southwest corner. To meet Objective 4, CU 25 was established. The boundary of this CU follows the old cattle fence where it is still present, thereby containing portions of A1PIII that were not enclosed in the woodlot by the old cattle fence during the production years. Otherwise the boundary extends 40 feet north of the southern A1PIII boundary. Objective 5 is met by CU 23, which (along with CU 16) will also serve as a buffer to CU 25. The remaining CUs were established per Objective 6 to include the remaining portions of A1PIII. All 25 A1PIII CUs are shown Figure 4 along with their sizes.

4.2 SUPPLEMENTAL REAL-TIME SCANNING

As an added verification that no hot spots are missed during certification, real-time data will be collected to supplement soil certification in the A1PIII disturbed areas. This "supplemental scanning" is a logical alternative to traditional precertification since the disturbed areas in A1PIII are the most likely locations for contamination. It is important to note that this scan will be conducted in conjunction with certification sampling. It will precede physical sample collection in the affected CUs (CUs 01, 02, 03, 04, 05, 07, 21, 24 and 25), however sampling can begin in all other CUs before this scan is finished.

Overall, this supplemental real-time scan is similar to traditional precertification, except that it will not be comprehensive. It will be performed using agency approved mobile sodium iodide (NaI) detectors and the high-purity germanium (HPGe) detectors. Data Quality Objectives of this scan will be similar to precertification scanning with an action level of three times the FRL (3xFRL) for the mobile NaI detectors, and 2xFRL for the HPGe. A result exceeding these values would be require hot spot confirmation and/or per requirements of the User Guidelines, Measurement Strategies, and Operational Factors for Deployment of In-Situ Gamma Spectrometry at the Fernald Site (Users Manual, DOE 1998b). If a hot spot is confirmed during the supplemental scan, it must be excavated before the area is considered certified. The results of this supplemental real-time scan will be presented in the form of data maps in this A1PIII Certification Report. Details of this scan are presented in the PSP for A1PIII Certification.

4.3 CERTIFICATION SOIL SAMPLING

For unimpacted areas such as A1PIII, two certification approaches have been applied, one for open field and one for stockpiles (such as in Area 2, Phase III). Most A1PIII CUs are open field, however CUs 21, 24, and 25 contain fill material. The extent of the fill was difficult to determine through visual inspection because the fill is spread out rather than stockpiled, and is also covered with vegetation. In addition, a comparison of pre-FEMP (1951) topography with current topography could not be used because the method for determining topography from aerial photography is not accurate in vegetated areas. This resulted in the inability to determine the exact location and extent of fill.

As a result of these factors, coupled with the fact that Geoprobe access to most of these areas is impossible without a large scale removal of trees, the normal approach for certifying stockpiles cannot be applied in A1PIII. Instead, a logical alternative will be utilized to certify the CUs containing fill. Each CU will be setup as normal (e.g., divided into 16 sub-CUs, a random location established within

each sub-CU, etc.), and will be certified by physical sampling and analyses in a manner dictated by the supplemental scan results. After the supplemental scan is completed (and hot spots are removed, if necessary) all HPGe results will be evaluated as follows:

- If HPGe results indicate the area is not impacted above the FRL, the CU will be certified as an open field CU (i.e., surface samples collected and analyzed at 12 of 16 locations, etc).

- If the HPGe scan reveals isolated above-FRL results (but no hot spots), fill CU will be certified as an open field CU; however, all 16 locations will be collected and analyzed as an added measure to verify that the CU is not impacted above the FRL.

- If the HPGe readings show hot spots or a pattern or widespread above-FRL results, the CU will be certified similar to a stockpile CU, though a fill CU will not be certified as two CUs like the stockpile CU (one CU for the fill and one CU for the footprint). This is because it is likely that not enough of the sample locations for statistical analysis will be located in fill for a particular CU. Instead, a boring will be conducted at each of the 16 predetermined locations to a depth of 6 inches below native soil. (Note that if no fill is present, a 6-inch sample will be collected as normal.) The entire core will be then frisked with a beta/gamma frisker, and the 6-inch interval with the highest activity will be submitted for analysis. That way the fill and underlying soil will all both be included in the CU.

This approach is based on the premise that the HPGe measurements will indicate if the fill in these CUs is contaminated. If the HPGe results do not show contamination, then the fill is clean and can be certified as normal. Should the HPGe indicate that contaminated soil is present, additional samples and/or sampling at depth will be used during certification to provide additional assurance that contaminated fill material that requires remediation is not missed during certification.

The selection of certification sample 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. Of note, the eight Invasive Plant Control Research Plots are located within A1PIII. In an effort to minimize disturbance to this research, any random location that fell within these plots was removed, and a new location was generated within that sub-CU. Once the random locations were established, they were tested against the minimum distance criterion for the CU. If this criterion was not met, an alternate random location was selected for that sub-CU, and all the locations were re-tested. This process continued until all 16 random locations per CU met the minimum distance criterion. All sub-CUs and planned A1PIII certification sampling locations are shown in Figure 5.

Prior to submittal of these versions of the CDL and Certification PSP to the U.S. Environmental Protection Agency (EPA) and Ohio Environmental Protection Agency (OEPA), all 16 locations per CU were surveyed to verify that no surface obstacle would prevent sample collection. During sample collection, some locations may need to be moved to avoid subsurface obstacles such as tree roots and rocks, which are both quite prevalent in A1PIII. If a planned sampling location needs to be moved, it should be as small of a distance as possible, but can be up to 3 feet from the original location if necessary. Also, the new location must remain within the same CU and sub-CU boundary and meet the minimum distance requirement. More information on the requirements for moved sampling locations is included in the A1PIII Certification Sampling PSP.

As also discussed in the Certification PSP, discrete soil samples will be collected from the 0 to 6-inch (surface) soil interval at the designated and surveyed sample point. Of the 16 certification samples per CU, 12 will be collected and submitted for analysis. In order to select these 12 samples to provide optimal coverage (i.e., prevent clustering), each CU was divided into quadrants, with each quadrant containing four sample locations. Three of the four samples from each quadrant were then randomly selected for collection and analysis, thus resulting in a total of 12 samples analyzed per CU. The other four samples from each CU (designated as "archives") will remain identified in the field, but will not be collected unless necessary based on the results or validation of the other analyses.

4.4 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 least 10 percent of FRL. Each laboratory will prepare an ASL D data package for all analyses. A minimum 10 percent of the results from each laboratory will be validated to ASL D, with the remaining 90 percent of the data validated to ASL B. Because results are batched by CU, all results from three of the 25 CUs will be validated to ASL D. This must include at least one of the CUs where beryllium is retained as an ASCOC. Samples rejected during this validation will be reanalyzed, or one or more of the four originally uncollected samples may be substituted if there is insufficient material available from the initial sample. Once data are validated as required, results will be entered into the SED and a statistical analysis will be performed to evaluate the pass/fail criteria for each CU. The statistical approach is discussed in Section 3.4.3 and Appendix G of the SEP.

Two criteria must be met for the CU to pass certification. If the data distribution is normal or lognormal, the first criterion compares the 95 percent Upper Confidence Limit (UCL) on the mean of each primary COC to its FRL, or the 90 percent UCL on the mean of each secondary ASCOC. On an individual CU basis, any ASCOC with the 95 percent UCL (for primary ASCOCs) or 90 percent UCL (for secondary ASCOCs) above the FRL results in that CU failing certification. If the data distribution is not normal or lognormal, the appropriate nonparametric approach discussed in Appendix G of the SEP will be used to evaluate the second criterion. The second criterion is the hot spot criterion, which states that all ASCOC results must not exceed 2xFRL. When the given UCL on the mean for each COC is less than its FRL and the hot spot criterion is met, the CU will be considered certified.

In the event that a CU fails certification, the following scenarios will be evaluated: 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 for release 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. Only the date for submittal of the Certification Report will become an agency commitment upon approval of this CDL. All other dates are just internal target completion dates pending on weather and funding.

ACTIVITY	TARGET DATE
Submit revised CDL	February 18, 2000
Start of Certification Sampling (CUs in meadow)	April 17, 2000
Complete Supplemental Real-Time Scan	April 28, 2000
Complete Certification Sampling (CUs in meadow)	May 12, 2000
Start of Certification Sampling (CUs in woods and disturbed areas)	October 1, 2000
Complete Certification Sampling (CUs in woods and disturbed areas)	January 27, 2001
Complete Analytical Work	March 16, 2001
Complete Data Validation and Statistical Analysis	April 27, 2001
Submit Certification Report	August 31, 2001

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TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
1,1,2-Trichloroethane	4300	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
1,1,2-Trichloroethane	4300	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
1,1,2-Trichloroethane	4300	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
1,1,2-Trichloroethane	4300	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
1,1,2-Trichloroethane	4300	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
1,1,2-Trichloroethane	4300	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
1,1,2-Trichloroethane	4300	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
1,1,2-Trichloroethane	4300	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
1,1,2-Trichloroethane	4300	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
1,1,2-Trichloroethane	4300	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
1,1,2-Trichloroethane	4300	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
1,1,2-Trichloroethane	4300	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
1,1,2-Trichloroethane	4300	6	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
1,1,2-Trichloroethane	4300	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
1,1,2-Trichloroethane	4300	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
1,1,2-Trichloroethane	4300	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
1,1-Dichloroethene	410	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
1,1-Dichloroethene	410	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
1,1-Dichloroethene	410	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
1,1-Dichloroethene	410	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
1,1-Dichloroethene	410	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
1,1-Dichloroethene	410	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
1,1-Dichloroethene	410	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
1,1-Dichloroethene	410	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
1,1-Dichloroethene	410	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
1,1-Dichloroethene	410	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
1,1-Dichloroethene	410	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
1,1-Dichloroethene	410	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
1,1-Dichloroethene	410	6	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
1,1-Dichloroethene	410	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
1,1-Dichloroethene	410	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
1,1-Dichloroethene	410	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
1,2-Dichloroethane	160	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
1,2-Dichloroethane	160	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
1,2-Dichloroethane	160	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
1,2-Dichloroethane	160	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
1,2-Dichloroethane	160	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL

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TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
1,2-Dichloroethane	160	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
1,2-Dichloroethane	160	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
1,2-Dichloroethane	160	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
1,2-Dichloroethane	160	7	ug/kg	UJ	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
1,2-Dichloroethane	160	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
1,2-Dichloroethane	160	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
1,2-Dichloroethane	160	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
1,2-Dichloroethane	160	6	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
1,2-Dichloroethane	160	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
1,2-Dichloroethane	160	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
1,2-Dichloroethane	160	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
3,3'-Dichlorobenzidine	550	900	ug/kg	UJ	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
3,3'-Dichlorobenzidine	550	890	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
3,3'-Dichlorobenzidine	550	860	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
3,3'-Dichlorobenzidine	550	860	ug/kg	UJ	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
3,3'-Dichlorobenzidine	550	860	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
3,3'-Dichlorobenzidine	550	850	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
3,3'-Dichlorobenzidine	550	820	ug/kg	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
3,3'-Dichlorobenzidine	550	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
3,3'-Dichlorobenzidine	550	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
3,3'-Dichlorobenzidine	550	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
3,3'-Dichlorobenzidine	550	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
3,3'-Dichlorobenzidine	550	440	ug/kg	UJ	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
3,3'-Dichlorobenzidine	550	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
3,3'-Dichlorobenzidine	550	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
4-Methyl-2-pentanone	2500000	14	ug/kg	J	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
4-Methyl-2-pentanone	2500000	14	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
4-Methyl-2-pentanone	2500000	14	ug/kg	UJ	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
4-Methyl-2-pentanone	2500000	13	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
4-Methyl-2-pentanone	2500000	13	ug/kg	UJ	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
4-Methyl-2-pentanone	2500000	13	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
4-Methyl-2-pentanone	2500000	13	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
4-Methyl-2-pentanone	2500000	13	ug/kg	UJ	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
4-Methyl-2-pentanone	2500000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
4-Methyl-2-pentanone	2500000	13	ug/kg	UJ	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
4-Methyl-2-pentanone	2500000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
4-Methyl-2-pentanone	2500000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
4-Methyl-2-pentanone	2500000	12	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
4-Methyl-2-pentanone	2500000	12	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
4-Methyl-2-pentanone	2500000	12	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
4-Methyl-2-pentanone	2500000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
4-Nitroaniline	150000	2200	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
4-Nitroaniline	150000	2200	ug/kg	UJ	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
4-Nitroaniline	150000	2100	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
4-Nitroaniline	150000	2100	ug/kg	UJ	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
4-Nitroaniline	150000	2100	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
4-Nitroaniline	150000	2100	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
4-Nitroaniline	150000	2000	ug/kg	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
4-Nitroaniline	150000	1200	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
4-Nitroaniline	150000	1100	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
4-Nitroaniline	150000	1100	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
4-Nitroaniline	150000	1100	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
4-Nitroaniline	150000	1100	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
4-Nitroaniline	150000	1000	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
4-Nitroaniline	150000	1000	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Acetone	43000000	14	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Acetone	43000000	14	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Acetone	43000000	14	ug/kg	UJ	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Acetone	43000000	13	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Acetone	43000000	13	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Acetone	43000000	13	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Acetone	43000000	13	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Acetone	43000000	13	ug/kg	UJ	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Acetone	43000000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Acetone	43000000	13	ug/kg	UJ	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Acetone	43000000	13	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Acetone	43000000	13	ug/kg	UJ	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Acetone	43000000	12	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Acetone	43000000	12	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Acetone	43000000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Acetone	43000000	10	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
alpha-Chlordane	190	110	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
alpha-Chlordane	190	110	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
alpha-Chlordane	190	110	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL

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TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
alpha-Chlordane	190	110	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
alpha-Chlordane	190	100	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
alpha-Chlordane	190	100	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
alpha-Chlordane	190	100	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
alpha-Chlordane	190	2.3	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
alpha-Chlordane	190	2.2	ug/kg	UJ	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
alpha-Chlordane	190	2.1	ug/kg	UJ	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Antimony	96	8.2	mg/kg	UJ	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Antimony	96	7.9	mg/kg	UJ	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Antimony	96	7.7	mg/kg	UJ	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Antimony	96	7.7	mg/kg	UJ	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Antimony	96	7.6	mg/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Antimony	96	7.5	mg/kg	UJ	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Antimony	96	7.4	mg/kg	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Antimony	96	3.9	mg/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Antimony	96	3.9	mg/kg	UJ	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Antimony	96	3.8	mg/kg	UJ	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Antimony	96	3.7	mg/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Antimony	96	3.7	mg/kg	UJ	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Antimony	96	3.7	mg/kg	UJ	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Antimony	96	3.5	mg/kg	UJ	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Antimony	96	3.5	mg/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Antimony	96	3.5	mg/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Aroclor-1254	130	220	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Aroclor-1254	130	210	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Aroclor-1254	130	210	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Aroclor-1254	130	210	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Aroclor-1254	130	210	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Aroclor-1254	130	200	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Aroclor-1254	130	200	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Aroclor-1254	130	45	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Aroclor-1254	130	43	ug/kg	UJ	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Aroclor-1254	130	41	ug/kg	UJ	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Aroclor-1260	130	220	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Aroclor-1260	130	210	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Aroclor-1260	130	210	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Aroclor-1260	130	210	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Aroclor-1260	130	210	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Aroclor-1260	130	200	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Aroclor-1260	130	200	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Aroclor-1260	130	45	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Aroclor-1260	130	43	ug/kg	UJ	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Aroclor-1260	130	41	ug/kg	UJ	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Arsenic	12	7.2	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Arsenic	12	6.7	mg/kg	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Arsenic	12	5.8	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Arsenic	12	5.1	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Arsenic	12	4.3	mg/kg	J	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Arsenic	12	4.3	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Arsenic	12	4	mg/kg	J	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Arsenic	12	3.9	mg/kg	J	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Arsenic	12	3.9	mg/kg	J	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Arsenic	12	3.8	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Arsenic	12	3.8	mg/kg	-	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Arsenic	12	3.8	mg/kg	-	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Arsenic	12	3.6	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Arsenic	12	3.2	mg/kg	J	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Arsenic	12	3.2	mg/kg	-	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Arsenic	12	3.1	mg/kg	J	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Arsenic	12	2.9	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Arsenic	12	2.4	mg/kg	-	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Barium	68000	185	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Barium	68000	131	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Barium	68000	107	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Barium	68000	105	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Barium	68000	105	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Barium	68000	97.4	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Barium	68000	95.1	mg/kg	-	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Barium	68000	94.7	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Barium	68000	91.1	mg/kg	-	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Barium	68000	82.4	mg/kg	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Barium	68000	81.7	mg/kg	-	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Barium	68000	77.9	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Barium	68000	77.7	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL

000025

1-2988

000026

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Barium	68000	76	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Barium	68000	67.8	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Barium	68000	63.3	mg/kg	-	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Barium	68000	60.5	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Barium	68000	53.9	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Benzene	850000	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Benzene	850000	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Benzene	850000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Benzene	850000	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Benzene	850000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Benzene	850000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Benzene	850000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Benzene	850000	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Benzene	850000	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Benzene	850000	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Benzene	850000	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Benzene	850000	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Benzene	850000	6	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Benzene	850000	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Benzene	850000	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Benzene	850000	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Benzo(a)anthracene	20000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Benzo(a)anthracene	20000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Benzo(a)anthracene	20000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Benzo(a)anthracene	20000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Benzo(a)anthracene	20000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Benzo(a)anthracene	20000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Benzo(a)anthracene	20000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Benzo(a)anthracene	20000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Benzo(a)anthracene	20000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Benzo(a)anthracene	20000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Benzo(a)anthracene	20000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Benzo(a)anthracene	20000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Benzo(a)anthracene	20000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Benzo(a)anthracene	20000	48	ug/kg	J	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Benzo(a)pyrene	2000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Benzo(a)pyrene	2000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Benzo(a)pyrene	2000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Benzo(a)pyrene	2000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Benzo(a)pyrene	2000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Benzo(a)pyrene	2000	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Benzo(a)pyrene	2000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Benzo(a)pyrene	2000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Benzo(a)pyrene	2000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Benzo(a)pyrene	2000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Benzo(a)pyrene	2000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Benzo(a)pyrene	2000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Benzo(a)pyrene	2000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Benzo(a)pyrene	2000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Benzo(b)fluoranthene	20000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Benzo(b)fluoranthene	20000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Benzo(b)fluoranthene	20000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Benzo(b)fluoranthene	20000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Benzo(b)fluoranthene	20000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Benzo(b)fluoranthene	20000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Benzo(b)fluoranthene	20000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Benzo(b)fluoranthene	20000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Benzo(b)fluoranthene	20000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Benzo(b)fluoranthene	20000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Benzo(b)fluoranthene	20000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Benzo(b)fluoranthene	20000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Benzo(b)fluoranthene	20000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Benzo(b)fluoranthene	20000	56	ug/kg	J	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Benzo(k)fluoranthene	200000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Benzo(k)fluoranthene	200000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Benzo(k)fluoranthene	200000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Benzo(k)fluoranthene	200000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Benzo(k)fluoranthene	200000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Benzo(k)fluoranthene	200000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Benzo(k)fluoranthene	200000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Benzo(k)fluoranthene	200000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Benzo(k)fluoranthene	200000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Benzo(k)fluoranthene	200000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Benzo(k)fluoranthene	200000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL

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7-2988

000028

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Benzo(k)fluoranthene	200000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Benzo(k)fluoranthene	200000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Benzo(k)fluoranthene	200000	60	ug/kg	J	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Beryllium	1.5	1.6	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Beryllium	1.5	1.4	mg/kg	U	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Beryllium	1.5	1.4	mg/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Beryllium	1.5	1.4	mg/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Beryllium	1.5	1.3	mg/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Beryllium	1.5	1.3	mg/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Beryllium	1.5	1.3	mg/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Beryllium	1.5	1.2	mg/kg	U	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Beryllium	1.5	1.2	mg/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Beryllium	1.5	0.86	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Beryllium	1.5	0.75	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Beryllium	1.5	0.74	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Beryllium	1.5	0.64	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Beryllium	1.5	0.61	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Beryllium	1.5	0.55	mg/kg	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Beryllium	1.5	0.53	mg/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Beryllium	1.5	0.51	mg/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Beryllium	1.5	0.23	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
bis(2-Chloroisopropyl) ether	420000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
bis(2-Chloroisopropyl) ether	420000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
bis(2-Chloroisopropyl) ether	420000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
bis(2-Chloroisopropyl) ether	420000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
bis(2-Chloroisopropyl) ether	420000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
bis(2-Chloroisopropyl) ether	420000	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
bis(2-Chloroisopropyl) ether	420000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
bis(2-Chloroisopropyl) ether	420000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
bis(2-Chloroisopropyl) ether	420000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
bis(2-Chloroisopropyl) ether	420000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
bis(2-Chloroisopropyl) ether	420000	430	ug/kg	UJ	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
bis(2-Chloroisopropyl) ether	420000	420	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
bis(2-Chloroisopropyl) ether	420000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
bis(2-Chloroisopropyl) ether	420000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
bis(2-Ethylhexyl)phthalate	820000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
bis(2-Ethylhexyl)phthalate	820000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
bis(2-Ethylhexyl)phthalate	820000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
bis(2-Ethylhexyl)phthalate	820000	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
bis(2-Ethylhexyl)phthalate	820000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
bis(2-Ethylhexyl)phthalate	820000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
bis(2-Ethylhexyl)phthalate	820000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
bis(2-Ethylhexyl)phthalate	820000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
bis(2-Ethylhexyl)phthalate	820000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
bis(2-Ethylhexyl)phthalate	820000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
bis(2-Ethylhexyl)phthalate	820000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
bis(2-Ethylhexyl)phthalate	820000	65	ug/kg	J	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
bis(2-Ethylhexyl)phthalate	820000	64	ug/kg	J	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
bis(2-Ethylhexyl)phthalate	820000	57	ug/kg	J	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Boron	7400	14.3	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Bromodichloromethane	4000	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Bromodichloromethane	4000	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Bromodichloromethane	4000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Bromodichloromethane	4000	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Bromodichloromethane	4000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Bromodichloromethane	4000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Bromodichloromethane	4000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Bromodichloromethane	4000	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Bromodichloromethane	4000	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Bromodichloromethane	4000	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Bromodichloromethane	4000	6	ug/kg	UJ	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Bromodichloromethane	4000	6	ug/kg	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Bromodichloromethane	4000	6	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Bromodichloromethane	4000	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Bromodichloromethane	4000	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Bromodichloromethane	4000	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Bromoform	31000	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Bromoform	31000	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Bromoform	31000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Bromoform	31000	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Bromoform	31000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Bromoform	31000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Bromoform	31000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Bromoform	31000	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL

000029

2988

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

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Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Bromoform	31000	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Bromoform	31000	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Bromoform	31000	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Bromoform	31000	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Bromoform	31000	6	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Bromoform	31000	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Bromoform	31000	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Bromoform	31000	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Bromomethane	8200000	14	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Bromomethane	8200000	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Bromomethane	8200000	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Bromomethane	8200000	13	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Bromomethane	8200000	13	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Bromomethane	8200000	13	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Bromomethane	8200000	13	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Bromomethane	8200000	13	ug/kg	UJ	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Bromomethane	8200000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Bromomethane	8200000	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Bromomethane	8200000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Bromomethane	8200000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Bromomethane	8200000	12	ug/kg	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Bromomethane	8200000	12	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Bromomethane	8200000	12	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Bromomethane	8200000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Cadmium	82	1.9	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Cadmium	82	1.7	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Cadmium	82	1.6	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Cadmium	82	1.4	mg/kg	U	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Cadmium	82	1.4	mg/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Cadmium	82	1.4	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Cadmium	82	1.3	mg/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Cadmium	82	1.3	mg/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Cadmium	82	1.3	mg/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Cadmium	82	1.3	mg/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Cadmium	82	0.54	mg/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Cadmium	82	0.53	mg/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Cadmium	82	0.51	mg/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Cadmium	82	0.51	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Cadmium	82	0.51	mg/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Cadmium	82	0.49	mg/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Cadmium	82	0.14	mg/kg	U	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Cadmium	82	0.04	mg/kg	UJ	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Carbazole	12000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Carbon disulfide	5000000	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Carbon disulfide	5000000	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Carbon disulfide	5000000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Carbon disulfide	5000000	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Carbon disulfide	5000000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Carbon disulfide	5000000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Carbon disulfide	5000000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Carbon disulfide	5000000	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Carbon disulfide	5000000	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Carbon disulfide	5000000	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Carbon disulfide	5000000	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Carbon disulfide	5000000	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Carbon disulfide	5000000	6	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Carbon disulfide	5000000	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Carbon disulfide	5000000	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Carbon disulfide	5000000	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Carbon Tetrachloride	2100	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Carbon Tetrachloride	2100	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Carbon Tetrachloride	2100	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Carbon Tetrachloride	2100	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Carbon Tetrachloride	2100	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Carbon Tetrachloride	2100	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Carbon Tetrachloride	2100	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Carbon Tetrachloride	2100	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Carbon Tetrachloride	2100	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Carbon Tetrachloride	2100	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Carbon Tetrachloride	2100	6	ug/kg	UJ	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Carbon Tetrachloride	2100	6	ug/kg	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Carbon Tetrachloride	2100	6	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Carbon Tetrachloride	2100	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Carbon Tetrachloride	2100	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE

000031

2988

000032

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Carbon Tetrachloride	2100	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Cesium-137	1.4	1	pCi/g	J	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Cesium-137	1.4	0.9	pCi/g	J	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Cesium-137	1.4	0.8	pCi/g	J	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Cesium-137	1.4	0.8	pCi/g	J	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Cesium-137	1.4	0.8	pCi/g	J	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Cesium-137	1.4	0.7	pCi/g	J	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Cesium-137	1.4	0.7	pCi/g	J	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Cesium-137	1.4	0.6	pCi/g	J	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Cesium-137	1.4	0.6	pCi/g	J	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Cesium-137	1.4	0.6	pCi/g	J	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Cesium-137	1.4	0.565	pCi/g	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Cesium-137	1.4	0.51	pCi/g	J	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Cesium-137	1.4	0.5	pCi/g	J	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Cesium-137	1.4	0.5	pCi/g	J	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Cesium-137	1.4	0.5	pCi/g	J	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Cesium-137	1.4	0.5	pCi/g	J	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Cesium-137	1.4	0.47	pCi/g	J	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Cesium-137	1.4	0.43	pCi/g	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Cesium-137	1.4	0.37	pCi/g	J	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Cesium-137	1.4	0.33	pCi/g	J	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Cesium-137	1.4	0.3	pCi/g	J	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	U	100413	1679	19920124	19	20.5	483953.9	1346795.6	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	101429	1729	19920113	16	18	483329.4	1347031.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	100879	1730	19920109	14.5	16.5	483329.4	1347531.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	101397	1732	19920109	14	16	483329.4	1348031.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	100859	1734	19920108	14	16	483329.4	1348531.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	100378	2728	15-Jan-92	14	14.5	483331.0	1346491.6	NORMAL
Cesium-137	1.4	0.2	pCi/g	UJ	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Cesium-137	1.4	0.01	pCi/g	U	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Chlorobenzene	340000	14	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Chlorobenzene	340000	14	ug/kg	UJ	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Chlorobenzene	340000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Chlorobenzene	340000	13	ug/kg	UJ	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Chlorobenzene	340000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Chlorobenzene	340000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Chlorobenzene	340000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Chlorobenzene	340000	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Chlorobenzene	340000	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Chlorobenzene	340000	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Chlorobenzene	340000	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Chlorobenzene	340000	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Chlorobenzene	340000	6	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Chlorobenzene	340000	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Chlorobenzene	340000	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Chlorobenzene	340000	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Chloroform	45000	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Chloroform	45000	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Chloroform	45000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Chloroform	45000	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Chloroform	45000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Chloroform	45000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Chloroform	45000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Chloroform	45000	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Chloroform	45000	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Chloroform	45000	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Chloroform	45000	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Chloroform	45000	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Chloroform	45000	6	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Chloroform	45000	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Chloroform	45000	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Chloroform	45000	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Chromium	300	19.4	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Chromium	300	17.7	mg/kg	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Chromium	300	17.2	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Chromium	300	16.8	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Chromium	300	15.7	mg/kg	-	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Chromium	300	15.5	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL

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- 2988

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TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Chromium	300	15.3	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Chromium	300	14.7	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Chromium	300	14.7	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Chromium	300	13.6	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Chromium	300	12.9	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Chromium	300	10.6	mg/kg	-	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Chromium	300	10	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Chromium	300	9.7	mg/kg	-	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Chromium	300	9.5	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Chromium	300	9.3	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Chromium	300	8.9	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Chromium	300	7.6	mg/kg	-	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Chrysene	2000000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Chrysene	2000000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Chrysene	2000000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Chrysene	2000000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Chrysene	2000000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Chrysene	2000000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Chrysene	2000000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Chrysene	2000000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Chrysene	2000000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Chrysene	2000000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Chrysene	2000000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Chrysene	2000000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Chrysene	2000000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Chrysene	2000000	77	ug/kg	J	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Cobalt	740	17.9	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Cobalt	740	16.5	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Cobalt	740	15.7	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Cobalt	740	12.7	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Cobalt	740	12.5	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Cobalt	740	12	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Cobalt	740	11.9	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Cobalt	740	10.9	mg/kg	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Cobalt	740	10.8	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Cobalt	740	10.6	mg/kg	-	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Cobalt	740	10.6	mg/kg	-	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Cobalt	740	9.4	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Cobalt	740	9.2	mg/kg	-	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Cobalt	740	9	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Cobalt	740	8.6	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Cobalt	740	8.6	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Cobalt	740	7.2	mg/kg	-	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Cobalt	740	4	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Copper	220000	23.6	mg/kg	-	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Copper	220000	22.1	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Copper	220000	20.8	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Copper	220000	18.7	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Copper	220000	17.4	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Copper	220000	15.9	mg/kg	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Copper	220000	14.9	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Copper	220000	14.7	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Copper	220000	13.5	mg/kg	-	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Copper	220000	13.4	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Copper	220000	12.8	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Copper	220000	12.5	mg/kg	-	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Copper	220000	11.9	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Copper	220000	11.4	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Copper	220000	11.2	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Copper	220000	9.2	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Copper	220000	8.9	mg/kg	-	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Copper	220000	6.8	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Cyanide	120000	1.7	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Cyanide	120000	0.43	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Cyanide	120000	0.42	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Cyanide	120000	0.35	mg/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Cyanide	120000	0.34	mg/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Cyanide	120000	0.33	mg/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Cyanide	120000	0.33	mg/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Cyanide	120000	0.33	mg/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Cyanide	120000	0.31	mg/kg	U	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Cyanide	120000	0.31	mg/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Cyanide	120000	0.24	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Cyanide	120000	0.18	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL

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2988

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Cyanide	120000	0.18	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Cyanide	120000	0.15	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Cyanide	120000	0.13	mg/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Cyanide	120000	0.13	mg/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Dibenzo(a,h)anthracene	2000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Dibenzo(a,h)anthracene	2000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Dibenzo(a,h)anthracene	2000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Dibenzo(a,h)anthracene	2000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Dibenzo(a,h)anthracene	2000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Dibenzo(a,h)anthracene	2000	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Dibenzo(a,h)anthracene	2000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Dibenzo(a,h)anthracene	2000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Dibenzo(a,h)anthracene	2000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Dibenzo(a,h)anthracene	2000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Dibenzo(a,h)anthracene	2000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Dibenzo(a,h)anthracene	2000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Dibenzo(a,h)anthracene	2000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Dibenzo(a,h)anthracene	2000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Dieldrin	15	22	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Dieldrin	15	21	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Dieldrin	15	21	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Dieldrin	15	21	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Dieldrin	15	21	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Dieldrin	15	20	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Dieldrin	15	20	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Dieldrin	15	4.5	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Dieldrin	15	4.3	ug/kg	UJ	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Dieldrin	15	4.1	ug/kg	UJ	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Di-n-octyl phthalate	1100000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Di-n-octyl phthalate	1100000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Di-n-octyl phthalate	1100000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Di-n-octyl phthalate	1100000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Di-n-octyl phthalate	1100000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Di-n-octyl phthalate	1100000	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Di-n-octyl phthalate	1100000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Di-n-octyl phthalate	1100000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Di-n-octyl phthalate	1100000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Di-n-octyl phthalate	1100000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Di-n-octyl phthalate	1100000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Di-n-octyl phthalate	1100000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Di-n-octyl phthalate	1100000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Di-n-octyl phthalate	1100000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Ethylbenzene	5100000	14	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Ethylbenzene	5100000	14	ug/kg	UJ	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Ethylbenzene	5100000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Ethylbenzene	5100000	13	ug/kg	UJ	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Ethylbenzene	5100000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Ethylbenzene	5100000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Ethylbenzene	5100000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Ethylbenzene	5100000	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Ethylbenzene	5100000	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Ethylbenzene	5100000	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Ethylbenzene	5100000	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Ethylbenzene	5100000	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Ethylbenzene	5100000	6	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Ethylbenzene	5100000	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Ethylbenzene	5100000	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Ethylbenzene	5100000	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
gamma-Chlordane	190	110	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
gamma-Chlordane	190	110	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
gamma-Chlordane	190	110	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
gamma-Chlordane	190	110	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
gamma-Chlordane	190	100	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
gamma-Chlordane	190	100	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
gamma-Chlordane	190	100	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
gamma-Chlordane	190	2.3	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
gamma-Chlordane	190	2.2	ug/kg	UJ	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
gamma-Chlordane	190	2.1	ug/kg	UJ	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Indeno(1,2,3-cd)pyrene	20000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Indeno(1,2,3-cd)pyrene	20000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Indeno(1,2,3-cd)pyrene	20000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Indeno(1,2,3-cd)pyrene	20000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Indeno(1,2,3-cd)pyrene	20000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Indeno(1,2,3-cd)pyrene	20000	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL

000027

2988

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Indeno(1,2,3-cd)pyrene	20000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Indeno(1,2,3-cd)pyrene	20000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Indeno(1,2,3-cd)pyrene	20000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Indeno(1,2,3-cd)pyrene	20000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Indeno(1,2,3-cd)pyrene	20000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Indeno(1,2,3-cd)pyrene	20000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Indeno(1,2,3-cd)pyrene	20000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Indeno(1,2,3-cd)pyrene	20000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Lead	400	33.3	mg/kg	J	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Lead	400	28.1	mg/kg	J	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Lead	400	26.4	mg/kg	J	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Lead	400	24.9	mg/kg	J	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Lead	400	24.8	mg/kg	J	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Lead	400	23.6	mg/kg	J	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Lead	400	21.7	mg/kg	J	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Lead	400	20.9	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Lead	400	20.1	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Lead	400	20	mg/kg	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Lead	400	17.3	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Lead	400	17.3	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Lead	400	16.2	mg/kg	J	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Lead	400	16.1	mg/kg	J	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Lead	400	12.7	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Lead	400	12.7	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Lead	400	6	mg/kg	-	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Manganese	4600	1470	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Manganese	4600	1320	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Manganese	4600	1190	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Manganese	4600	1140	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Manganese	4600	1010	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Manganese	4600	943	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Manganese	4600	926	mg/kg	-	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Manganese	4600	823	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Manganese	4600	797	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Manganese	4600	787	mg/kg	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Manganese	4600	718	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Manganese	4600	662	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Manganese	4600	599	mg/kg	-	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Manganese	4600	593	mg/kg	-	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Manganese	4600	570	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Manganese	4600	531	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Manganese	4600	294	mg/kg	-	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Manganese	4600	238	mg/kg	-	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Mercury	7.5	0.14	mg/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Mercury	7.5	0.13	mg/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Mercury	7.5	0.13	mg/kg	UJ	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Mercury	7.5	0.13	mg/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Mercury	7.5	0.13	mg/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Mercury	7.5	0.13	mg/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Mercury	7.5	0.12	mg/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Mercury	7.5	0.09	mg/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Mercury	7.5	0.07	mg/kg	U	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Mercury	7.5	0.07	mg/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Mercury	7.5	0.07	mg/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Mercury	7.5	0.07	mg/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Mercury	7.5	0.07	mg/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Mercury	7.5	0.06	mg/kg	U	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Mercury	7.5	0.06	mg/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Mercury	7.5	0.06	mg/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Mercury	7.5	0.05	mg/kg	U	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Mercury	7.5	0.02	mg/kg	U	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Methylene chloride	37000	25	ug/kg	-	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Methylene chloride	37000	24	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Methylene chloride	37000	23	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Methylene chloride	37000	21	ug/kg	UJ	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Methylene chloride	37000	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Methylene chloride	37000	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Methylene chloride	37000	13	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Methylene chloride	37000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Methylene chloride	37000	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Methylene chloride	37000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Methylene chloride	37000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Methylene chloride	37000	12	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Methylene chloride	37000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL

00005 9

- 2988

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

OC004O

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Methylene chloride	37000	9	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Methylene chloride	37000	7	ug/kg	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Methylene chloride	37000	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Molybdenum	2900	13.3	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Molybdenum	2900	11.7	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Molybdenum	2900	10.8	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Molybdenum	2900	8.9	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Molybdenum	2900	8.8	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Molybdenum	2900	6.9	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Molybdenum	2900	4.8	mg/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Molybdenum	2900	4.7	mg/kg	U	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Molybdenum	2900	4.7	mg/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Molybdenum	2900	4.6	mg/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Molybdenum	2900	4.5	mg/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Molybdenum	2900	4.5	mg/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Molybdenum	2900	4.3	mg/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Molybdenum	2900	4.2	mg/kg	U	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Molybdenum	2900	4.2	mg/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Molybdenum	2900	2.6	mg/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Molybdenum	2900	1.1	mg/kg	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Molybdenum	2900	0.9	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Neptunium-237	3.2	1	pCi/g	UJ	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Neptunium-237	3.2	0.6	pCi/g	UJ	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	7269	2052	19871102	27	28.5	482536.6	1348670.7	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	5878	ZONE 3-473	19881006	0	0.5	482549.4	1348781.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	5879	ZONE 3-473	6-Oct-88	0	0.5	482529.5	1348766.0	DUPLICATE
Neptunium-237	3.2	0.6	pCi/g	U	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Neptunium-237	3.2	0.6	pCi/g	UJ	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	UJ	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	UJ	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Neptunium-237	3.2	0.6	pCi/g	U	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Neptunium-237	3.2	0.6	pCi/g	U	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Neptunium-237	3.2	0.2	pCi/g	U	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Neptunium-237	3.2	0.13	pCi/g	UJ	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Neptunium-237	3.2	0.018	pCi/g	U	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Nickel	15000	25.8	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Nickel	15000	21.6	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Nickel	15000	21.1	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Nickel	15000	19.5	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Nickel	15000	19	mg/kg	-	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Nickel	15000	17.9	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Nickel	15000	16.1	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Nickel	15000	15.8	mg/kg	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Nickel	15000	15.1	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Nickel	15000	14.4	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Nickel	15000	12.7	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Nickel	15000	12.2	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Nickel	15000	11.1	mg/kg	-	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Nickel	15000	10.3	mg/kg	-	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Nickel	15000	9.4	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Nickel	15000	9.2	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Nickel	15000	6.2	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Nickel	15000	5.5	mg/kg	-	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
N-Nitroso-di-n-propylamine	200	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
N-Nitroso-di-n-propylamine	200	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
N-Nitroso-di-n-propylamine	200	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
N-Nitroso-di-n-propylamine	200	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
N-Nitroso-di-n-propylamine	200	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
N-Nitroso-di-n-propylamine	200	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
N-Nitroso-di-n-propylamine	200	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
N-Nitroso-di-n-propylamine	200	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
N-Nitroso-di-n-propylamine	200	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
N-Nitroso-di-n-propylamine	200	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
N-Nitroso-di-n-propylamine	200	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
N-Nitroso-di-n-propylamine	200	420	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL

000041

- 2988

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
N-Nitroso-di-n-propylamine	200	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
N-Nitroso-di-n-propylamine	200	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
N-Nitrosodiphenylamine	51000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
N-Nitrosodiphenylamine	51000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
N-Nitrosodiphenylamine	51000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
N-Nitrosodiphenylamine	51000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
N-Nitrosodiphenylamine	51000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
N-Nitrosodiphenylamine	51000	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
N-Nitrosodiphenylamine	51000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
N-Nitrosodiphenylamine	51000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
N-Nitrosodiphenylamine	51000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
N-Nitrosodiphenylamine	51000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
N-Nitrosodiphenylamine	51000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
N-Nitrosodiphenylamine	51000	420	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
N-Nitrosodiphenylamine	51000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
N-Nitrosodiphenylamine	51000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Pentachlorophenol	2300	2200	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Pentachlorophenol	2300	2200	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Pentachlorophenol	2300	2100	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Pentachlorophenol	2300	2100	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Pentachlorophenol	2300	2100	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Pentachlorophenol	2300	2100	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Pentachlorophenol	2300	2000	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Pentachlorophenol	2300	1200	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Pentachlorophenol	2300	1100	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Pentachlorophenol	2300	1100	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Pentachlorophenol	2300	1100	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Pentachlorophenol	2300	1100	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Pentachlorophenol	2300	1000	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Pentachlorophenol	2300	1000	ug/kg	UJ	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Plutonium-238	78	1	pCi/g	UJ	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Plutonium-238	78	0.6	pCi/g	UJ	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Plutonium-238	78	0.6	pCi/g	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Plutonium-238	78	0.6	pCi/g	U	7269	2052	19871102	27	28.5	482536.6	1348670.7	NORMAL
Plutonium-238	78	0.6	pCi/g	UJ	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Plutonium-238	78	0.6	pCi/g	UJ	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5878	ZONE 3-473	19881006	0	0.5	482549.4	1348781.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5879	ZONE 3-473	6-Oct-88	0	0.5	482529.5	1348766.0	DUPLICATE
Plutonium-238	78	0.6	pCi/g	UJ	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Plutonium-238	78	0.6	pCi/g	UJ	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Plutonium-238	78	0.6	pCi/g	UJ	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Plutonium-238	78	0.6	pCi/g	UJ	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Plutonium-238	78	0.6	pCi/g	U	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Plutonium-238	78	0.288	pCi/g	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Plutonium-238	78	0.2	pCi/g	UJ	121135	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Plutonium-238	78	0.02	pCi/g	UJ	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Plutonium-239/240	77	2.331	pCi/g	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Plutonium-239/240	77	1	pCi/g	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Plutonium-239/240	77	0.6	pCi/g	U	7269	2052	19871102	27	28.5	482536.6	1348670.7	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Plutonium-239/240	77	0.6	pCi/g	UJ	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	UJ	5878	ZONE 3-473	19881006	0	0.5	482549.4	1348781.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	UJ	5879	ZONE 3-473	6-Oct-88	0	0.5	482529.5	1348766.0	DUPLICATE
Plutonium-239/240	77	0.6	pCi/g	UJ	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Plutonium-239/240	77	0.6	pCi/g	U	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	UJ	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	UJ	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Plutonium-239/240	77	0.6	pCi/g	U	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Plutonium-239/240	77	0.2	pCi/g	UJ	121135	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Plutonium-239/240	77	0.059	pCi/g	UJ	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
p-Methylphenol	250000	470	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
p-Methylphenol	250000	460	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
p-Methylphenol	250000	450	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
p-Methylphenol	250000	450	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
p-Methylphenol	250000	450	ug/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
p-Methylphenol	250000	440	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
p-Methylphenol	250000	440	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
p-Methylphenol	250000	430	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
p-Methylphenol	250000	430	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
p-Methylphenol	250000	430	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
p-Methylphenol	250000	430	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
p-Methylphenol	250000	420	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
p-Methylphenol	250000	410	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
p-Methylphenol	250000	410	ug/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Radium-226	1.7	1.2	pCi/g	-	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Radium-226	1.7	1.2	pCi/g	-	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Radium-226	1.7	1.2	pCi/g	J	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Radium-226	1.7	1.13	pCi/g	J	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Radium-226	1.7	1.12	pCi/g	J	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Radium-226	1.7	1.1	pCi/g	J	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Radium-226	1.7	1.1	pCi/g	J	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Radium-226	1.7	1.1	pCi/g	J	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Radium-226	1.7	1.037	pCi/g	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Radium-226	1.7	1	pCi/g	-	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Radium-226	1.7	1	pCi/g	J	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Radium-226	1.7	1	pCi/g	J	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Radium-226	1.7	1	pCi/g	J	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Radium-226	1.7	0.99	pCi/g	J	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Radium-226	1.7	0.93	pCi/g	J	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Radium-226	1.7	0.9	pCi/g	J	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Radium-226	1.7	0.9	pCi/g	J	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Radium-226	1.7	0.9	pCi/g	J	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Radium-226	1.7	0.89	pCi/g	J	101397	1732	19920109	14	16	483329.4	1348031.0	NORMAL
Radium-226	1.7	0.88	pCi/g	J	100378	2728	15-Jan-92	14	14.5	483331.0	1346491.6	NORMAL
Radium-226	1.7	0.86	pCi/g	J	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Radium-226	1.7	0.85	pCi/g	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Radium-226	1.7	0.84	pCi/g	J	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Radium-226	1.7	0.81	pCi/g	J	100859	1734	19920108	14	16	483329.4	1348531.0	NORMAL
Radium-226	1.7	0.81	pCi/g	J	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Radium-226	1.7	0.8	pCi/g	J	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Radium-226	1.7	0.8	pCi/g	J	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Radium-226	1.7	0.8	pCi/g	J	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Radium-226	1.7	0.8	pCi/g	J	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Radium-226	1.7	0.78	pCi/g	J	100879	1730	19920109	14.5	16.5	483329.4	1347531.0	NORMAL
Radium-226	1.7	0.776	pCi/g	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Radium-226	1.7	0.72	pCi/g	J	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Radium-226	1.7	0.7	pCi/g	J	101429	1729	19920113	16	18	483329.4	1347031.0	NORMAL
Radium-226	1.7	0.69	pCi/g	-	100413	1679	19920124	19	20.5	483953.9	1346795.6	NORMAL
Radium-226	1.7	0.6	pCi/g	J	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Radium-228	1.8	1.55	pCi/g	J	101397	1732	19920109	14	16	483329.4	1348031.0	NORMAL
Radium-228	1.8	1.45	pCi/g	J	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Radium-228	1.8	1.35	pCi/g	J	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL

000088
7-2988

000046

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Radium-228	1.8	1.3	pCi/g	J	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Radium-228	1.8	1.2	pCi/g	J	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Radium-228	1.8	1.2	pCi/g	J	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Radium-228	1.8	1.18	pCi/g	J	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Radium-228	1.8	1.13	pCi/g	J	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Radium-228	1.8	1.11	pCi/g	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Radium-228	1.8	1.1	pCi/g	J	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Radium-228	1.8	1.1	pCi/g	J	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Radium-228	1.8	1.1	pCi/g	J	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Radium-228	1.8	1.1	pCi/g	J	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Radium-228	1.8	1.1	pCi/g	J	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Radium-228	1.8	1.1	pCi/g	J	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Radium-228	1.8	1.087	pCi/g	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Radium-228	1.8	1.08	pCi/g	J	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Radium-228	1.8	1	pCi/g	J	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Radium-228	1.8	1	pCi/g	J	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Radium-228	1.8	1	pCi/g	J	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Radium-228	1.8	1	pCi/g	J	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Radium-228	1.8	0.92	pCi/g	J	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Radium-228	1.8	0.9	pCi/g	J	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Radium-228	1.8	0.81	pCi/g	J	100378	2728	15-Jan-92	14	14.5	483331.0	1346491.6	NORMAL
Radium-228	1.8	0.8	pCi/g	UJ	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Radium-228	1.8	0.79	pCi/g	-	100413	1679	19920124	19	20.5	483953.9	1346795.6	NORMAL
Radium-228	1.8	0.78	pCi/g	J	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Radium-228	1.8	0.77	pCi/g	J	100879	1730	19920109	14.5	16.5	483329.4	1347531.0	NORMAL
Radium-228	1.8	0.76	pCi/g	J	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Radium-228	1.8	0.73	pCi/g	J	101429	1729	19920113	16	18	483329.4	1347031.0	NORMAL
Radium-228	1.8	0.7	pCi/g	UJ	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Radium-228	1.8	0.679	pCi/g	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Radium-228	1.8	0.66	pCi/g	J	100859	1734	19920108	14	16	483329.4	1348531.0	NORMAL
Radium-228	1.8	0.6	pCi/g	J	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Radium-228	1.8	0.6	pCi/g	UJ	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Selenium	5400	1.2	mg/kg	U	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Selenium	5400	0.77	mg/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Selenium	5400	0.77	mg/kg	J	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Selenium	5400	0.76	mg/kg	UJ	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Selenium	5400	0.58	mg/kg	UJ	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Selenium	5400	0.54	mg/kg	UJ	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Selenium	5400	0.52	mg/kg	UJ	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Selenium	5400	0.52	mg/kg	UJ	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Selenium	5400	0.5	mg/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Selenium	5400	0.49	mg/kg	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Selenium	5400	0.48	mg/kg	J	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Selenium	5400	0.32	mg/kg	J	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Selenium	5400	0.28	mg/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Selenium	5400	0.27	mg/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Selenium	5400	0.26	mg/kg	UJ	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Selenium	5400	0.26	mg/kg	UJ	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Selenium	5400	0.25	mg/kg	UJ	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Selenium	5400	0.25	mg/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Silver	29000	2.7	mg/kg	UJ	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Silver	29000	2.6	mg/kg	UJ	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Silver	29000	2.6	mg/kg	UJ	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Silver	29000	2.6	mg/kg	UJ	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Silver	29000	2.5	mg/kg	UJ	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Silver	29000	2.5	mg/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Silver	29000	2.5	mg/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Silver	29000	0.56	mg/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Silver	29000	0.55	mg/kg	U	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Silver	29000	0.55	mg/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Silver	29000	0.54	mg/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Silver	29000	0.53	mg/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Silver	29000	0.52	mg/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Silver	29000	0.5	mg/kg	U	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Silver	29000	0.5	mg/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Silver	29000	0.49	mg/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Silver	29000	0.05	mg/kg	U	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Silver	29000	0.05	mg/kg	UJ	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Strontium-90	14	6.6	pCi/g	-	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Strontium-90	14	2.5	pCi/g	-	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Strontium-90	14	1.1	pCi/g	-	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Strontium-90	14	1	pCi/g	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Strontium-90	14	1	pCi/g	J	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Strontium-90	14	0.9	pCi/g	J	5878	ZONE 3-473	19881006	0	0.5	482549.4	1348781.0	NORMAL

000047

7-2988

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Strontium-90	14	0.9	pCi/g	J	5879	ZONE 3-473	6-Oct-88	0	0.5	482529.5	1348766.0	DUPLICATE
Strontium-90	14	0.83	pCi/g	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Strontium-90	14	0.7	pCi/g	-	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Strontium-90	14	0.7	pCi/g	J	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Strontium-90	14	0.7	pCi/g	J	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Strontium-90	14	0.6	pCi/g	-	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Strontium-90	14	0.6	pCi/g	J	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Strontium-90	14	0.5	pCi/g	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Strontium-90	14	0.5	pCi/g	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Strontium-90	14	0.5	pCi/g	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Strontium-90	14	0.5	pCi/g	U	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Strontium-90	14	0.5	pCi/g	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Strontium-90	14	0.5	pCi/g	U	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Strontium-90	14	0.5	pCi/g	U	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Strontium-90	14	0.5	pCi/g	U	7269	2052	19871102	27	28.5	482536.6	1348670.7	NORMAL
Strontium-90	14	0.5	pCi/g	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Strontium-90	14	0.5	pCi/g	U	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Strontium-90	14	0.5	pCi/g	U	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Strontium-90	14	0.5	pCi/g	UJ	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Strontium-90	14	0.5	pCi/g	U	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Strontium-90	14	0.5	pCi/g	U	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Strontium-90	14	0.5	pCi/g	UJ	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Strontium-90	14	0.015	pCi/g	UJ	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Strontium-90	14	0.015	pCi/g	U	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Technetium-99	30	2.3	pCi/g	UJ	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Technetium-99	30	2.1	pCi/g	U	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Technetium-99	30	2	pCi/g	U	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Technetium-99	30	1.9	pCi/g	UJ	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Technetium-99	30	1.6	pCi/g	-	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Technetium-99	30	1.1	pCi/g	UJ	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Technetium-99	30	1.04	pCi/g	J	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Technetium-99	30	1	pCi/g	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Technetium-99	30	1	pCi/g	UJ	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Technetium-99	30	1	pCi/g	UJ	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Technetium-99	30	1	pCi/g	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Technetium-99	30	1	pCi/g	UJ	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Technetium-99	30	1	pCi/g	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Technetium-99	30	1	pCi/g	UJ	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Technetium-99	30	1	pCi/g	UJ	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Technetium-99	30	1	pCi/g	U	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Technetium-99	30	1	pCi/g	U	7269	2052	19871102	27	28.5	482536.6	1348670.7	NORMAL
Technetium-99	30	1	pCi/g	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Technetium-99	30	1	pCi/g	U	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Technetium-99	30	1	pCi/g	UJ	5878	ZONE 3-473	19881006	0	0.5	482549.4	1348781.0	NORMAL
Technetium-99	30	1	pCi/g	UJ	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Technetium-99	30	1	pCi/g	UJ	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Technetium-99	30	1	pCi/g	U	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Technetium-99	30	1	pCi/g	UNV	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Technetium-99	30	1	pCi/g	UNV	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Technetium-99	30	1	pCi/g	U	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Technetium-99	30	1	pCi/g	U	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Technetium-99	30	1	pCi/g	U	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Technetium-99	30	0.9	pCi/g	UJ	5879	ZONE 3-473	6-Oct-88	0	0.5	482529.5	1348766.0	DUPLICATE
Technetium-99	30	0.9	pCi/g	UJ	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Technetium-99	30	0.059	pCi/g	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Technetium-99	30	0.015	pCi/g	U	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Tetrachloroethene	3600	14	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Tetrachloroethene	3600	14	ug/kg	UJ	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Tetrachloroethene	3600	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Tetrachloroethene	3600	13	ug/kg	UJ	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Tetrachloroethene	3600	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Tetrachloroethene	3600	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Tetrachloroethene	3600	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Tetrachloroethene	3600	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Tetrachloroethene	3600	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Tetrachloroethene	3600	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Tetrachloroethene	3600	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Tetrachloroethene	3600	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Tetrachloroethene	3600	6	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Tetrachloroethene	3600	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Tetrachloroethene	3600	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Tetrachloroethene	3600	6	ug/kg	UJ	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Thallium	91	0.67	mg/kg	J	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Thallium	91	0.56	mg/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL

000043

2988

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Thallium	91	0.54	mg/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Thallium	91	0.52	mg/kg	UJ	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Thallium	91	0.52	mg/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Thallium	91	0.52	mg/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Thallium	91	0.5	mg/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Thallium	91	0.31	mg/kg	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Thallium	91	0.28	mg/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Thallium	91	0.28	mg/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Thallium	91	0.27	mg/kg	U	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Thallium	91	0.27	mg/kg	U	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Thallium	91	0.26	mg/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Thallium	91	0.26	mg/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Thallium	91	0.25	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Thallium	91	0.25	mg/kg	U	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Thallium	91	0.25	mg/kg	U	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Thallium	91	0.25	mg/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Thorium-228	1.7	3.49	pCi/g	-	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Thorium-228	1.7	2.8	pCi/g	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Thorium-228	1.7	2.74	pCi/g	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Thorium-228	1.7	2.52	pCi/g	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Thorium-228	1.7	2.43	pCi/g	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Thorium-228	1.7	2.24	pCi/g	J	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Thorium-228	1.7	2.07	pCi/g	-	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Thorium-228	1.7	2.02	pCi/g	-	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Thorium-228	1.7	1.74	pCi/g	J	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Thorium-228	1.7	1.5	pCi/g	-	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Thorium-228	1.7	1.5	pCi/g	-	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Thorium-228	1.7	1.5	pCi/g	-	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Thorium-228	1.7	1.4	pCi/g	-	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Thorium-228	1.7	1.4	pCi/g	-	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Thorium-228	1.7	1.4	pCi/g	-	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Thorium-228	1.7	1.3	pCi/g	J	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Thorium-228	1.7	1.226	pCi/g	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Thorium-228	1.7	1.2	pCi/g	J	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Thorium-228	1.7	1.2	pCi/g	-	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Thorium-228	1.7	1.1	pCi/g	-	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Thorium-228	1.7	1.1	pCi/g	-	5879	ZONE 3-473	6-Oct-88	0	0.5	482529.5	1348766.0	DUPLICATE

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Thorium-228	1.7	1.1	pCi/g	J	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Thorium-228	1.7	1.1	pCi/g	-	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Thorium-228	1.7	1	pCi/g	-	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Thorium-228	1.7	1	pCi/g	-	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Thorium-228	1.7	0.93	pCi/g	J	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Thorium-228	1.7	0.9	pCi/g	-	5878	ZONE 3-473	19881006	0	0.5	482549.4	1348781.0	NORMAL
Thorium-228	1.7	0.9	pCi/g	-	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Thorium-228	1.7	0.8	pCi/g	-	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Thorium-228	1.7	0.62	pCi/g	-	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Thorium-228	1.7	0.6	pCi/g	U	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Thorium-228	1.7	0.6	pCi/g	U	7269	2052	19871102	27	28.5	482536.6	1348670.7	NORMAL
Thorium-230	280	3.14	pCi/g	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Thorium-230	280	2.52	pCi/g	J	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Thorium-230	280	2.4	pCi/g	-	5879	ZONE 3-473	6-Oct-88	0	0.5	482529.5	1348766.0	DUPLICATE
Thorium-230	280	2.3	pCi/g	-	5878	ZONE 3-473	19881006	0	0.5	482549.4	1348781.0	NORMAL
Thorium-230	280	2.2	pCi/g	-	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Thorium-230	280	1.9	pCi/g	-	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Thorium-230	280	1.8	pCi/g	-	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Thorium-230	280	1.8	pCi/g	-	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Thorium-230	280	1.7	pCi/g	-	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Thorium-230	280	1.69	pCi/g	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Thorium-230	280	1.66	pCi/g	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Thorium-230	280	1.6	pCi/g	-	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Thorium-230	280	1.6	pCi/g	J	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Thorium-230	280	1.6	pCi/g	-	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Thorium-230	280	1.51	pCi/g	-	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Thorium-230	280	1.5	pCi/g	-	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Thorium-230	280	1.5	pCi/g	-	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Thorium-230	280	1.5	pCi/g	J	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Thorium-230	280	1.5	pCi/g	-	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Thorium-230	280	1.5	pCi/g	-	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Thorium-230	280	1.5	pCi/g	-	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Thorium-230	280	1.48	pCi/g	-	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Thorium-230	280	1.45	pCi/g	J	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Thorium-230	280	1.4	pCi/g	J	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Thorium-230	280	1.38	pCi/g	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Thorium-230	280	1.35	pCi/g	-	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL

000054

T-2988

000052

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Thorium-230	280	1.32	pCi/g	J	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Thorium-230	280	1.2	pCi/g	-	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Thorium-230	280	1.176	pCi/g	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Thorium-230	280	1.1	pCi/g	-	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Thorium-230	280	1	pCi/g	-	7269	2052	19871102	27	28.5	482536.6	1348670.7	NORMAL
Thorium-230	280	0.93	pCi/g	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Thorium-232	1.5	1.24	pCi/g	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Thorium-232	1.5	1.23	pCi/g	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Thorium-232	1.5	1.2	pCi/g	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Thorium-232	1.5	1.2	pCi/g	-	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Thorium-232	1.5	1.2	pCi/g	-	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Thorium-232	1.5	1.12	pCi/g	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Thorium-232	1.5	1.1	pCi/g	J	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Thorium-232	1.5	1.1	pCi/g	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Thorium-232	1.5	1.1	pCi/g	-	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Thorium-232	1.5	1.1	pCi/g	-	5878	ZONE 3-473	19881006	0	0.5	482549.4	1348781.0	NORMAL
Thorium-232	1.5	1.1	pCi/g	-	5879	ZONE 3-473	6-Oct-88	0	0.5	482529.5	1348766.0	DUPLICATE
Thorium-232	1.5	1.1	pCi/g	-	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL
Thorium-232	1.5	1.1	pCi/g	J	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Thorium-232	1.5	1.1	pCi/g	-	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Thorium-232	1.5	1	pCi/g	-	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Thorium-232	1.5	1	pCi/g	-	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Thorium-232	1.5	0.97	pCi/g	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Thorium-232	1.5	0.95	pCi/g	-	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Thorium-232	1.5	0.945	pCi/g	-	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Thorium-232	1.5	0.9	pCi/g	-	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Thorium-232	1.5	0.9	pCi/g	-	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Thorium-232	1.5	0.9	pCi/g	-	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Thorium-232	1.5	0.9	pCi/g	-	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Thorium-232	1.5	0.9	pCi/g	-	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Thorium-232	1.5	0.8	pCi/g	-	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Thorium-232	1.5	0.8	pCi/g	-	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Thorium-232	1.5	0.8	pCi/g	J	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Thorium-232	1.5	0.8	pCi/g	J	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Thorium-232	1.5	0.73	pCi/g	-	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Thorium-232	1.5	0.7	pCi/g	-	7269	2052	19871102	27	28.5	482536.6	1348670.7	NORMAL
Thorium-232	1.5	0.611	pCi/g	-	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Thorium-232	1.5	0.6	pCi/g	U	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Toluene	1E+08	14	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Toluene	1E+08	14	ug/kg	UJ	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Toluene	1E+08	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Toluene	1E+08	13	ug/kg	UJ	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Toluene	1E+08	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Toluene	1E+08	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Toluene	1E+08	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Toluene	1E+08	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Toluene	1E+08	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Toluene	1E+08	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Toluene	1E+08	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Toluene	1E+08	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Toluene	1E+08	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Toluene	1E+08	4	ug/kg	J	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Toluene	1E+08	2	ug/kg	J	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Toluene	1E+08	2	ug/kg	J	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Trichloroethene	25000	14	ug/kg	U	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Trichloroethene	25000	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Trichloroethene	25000	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Trichloroethene	25000	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Trichloroethene	25000	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Trichloroethene	25000	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Trichloroethene	25000	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Trichloroethene	25000	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Trichloroethene	25000	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Trichloroethene	25000	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Trichloroethene	25000	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Trichloroethene	25000	6	ug/kg	UJ	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Trichloroethene	25000	6	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Trichloroethene	25000	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Trichloroethene	25000	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Trichloroethene	25000	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Uranium, Total	50	59.66249	mg/kg	NV	SS2231	LIT8926	19860424	0	0.167	482974.4	1348608.0	NORMAL
Uranium, Total	50	39.01585	mg/kg	-	5429	ZONE 3-474	19880920	0	0.1667	482559.4	1348581.0	NORMAL
Uranium, Total	50	26	mg/kg	J	15473	1500	19900110	0	0.5	483029.4	1347531.0	NORMAL
Uranium, Total	50	23.38865	mg/kg	J	5106	ZONE 3-511	19871111	0	0.1667	483029.4	1347531.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Uranium, Total	50	20.3901	mg/kg	-	5878	ZONE 3-473	19881006	0	0.5	482549.4	1348781.0	NORMAL
Uranium, Total	50	18.59098	mg/kg	-	5359	ZONE 3-538	19880423	0	0.1667	483990.4	1346033.0	NORMAL
Uranium, Total	50	16.49199	mg/kg	-	5362	ZONE 3-539	19880423	0	0.1667	483994.4	1345799.0	NORMAL
Uranium, Total	50	14.72941	mg/kg	J	5103	ZONE 3-512	19871111	0	0.1667	483029.4	1348531.0	NORMAL
Uranium, Total	50	14.09316	mg/kg	-	6052	ZONE 3-506	19881026	0	0.5	482779.4	1348531.0	NORMAL
Uranium, Total	50	14	mg/kg	J	6053	ZONE 3-506	26-Oct-88	0	0.5	482759.5	1348516.0	DUPLICATE
Uranium, Total	50	13.7933	mg/kg	-	6058	ZONE 3-505	19881026	0	0.5	482779.4	1348281.0	NORMAL
Uranium, Total	50	13.7933	mg/kg	J	5329	ZONE 3-528	19880420	0	0.1667	483929.4	1348281.9	NORMAL
Uranium, Total	50	13.7933	mg/kg	J	5332	ZONE 3-530	19880420	0	0.1667	483938.4	1348032.0	NORMAL
Uranium, Total	50	12.89374	mg/kg	-	100862	1734	19920108	24	26	483329.4	1348531.0	NORMAL
Uranium, Total	50	12.6	mg/kg	NV	200003	11367	11-Jul-94	0	0.5	482839.9	1346631.1	ARCHIVE
Uranium, Total	50	11	mg/kg	UNV	101455	1729	14-Jan-92	0	30	483329.4	1347031.0	NORMAL
Uranium, Total	50	11	mg/kg	UNV	101453	1732	10-Jan-92	0	21	483329.4	1348031.0	NORMAL
Uranium, Total	50	11	mg/kg	UNV	101451	1735	10-Jan-92	0	13	483329.4	1349031.0	NORMAL
Uranium, Total	50	10.9	mg/kg	NV	200006	11367	11-Jul-94	0.5	1	482839.9	1346631.1	ARCHIVE
Uranium, Total	50	10.79476	mg/kg	J	5317	ZONE 3-522	19880419	0	0.1667	483903.4	1349245.9	NORMAL
Uranium, Total	50	10.6	mg/kg	NV	200001D	11367	28-Jul-94	0	0.17	482839.9	1346631.1	DUPLICATE
Uranium, Total	50	10.49491	mg/kg	-	5426	ZONE 3-449	19880920	0	0.1667	482529.4	1348231.0	NORMAL
Uranium, Total	50	10.05754	mg/kg	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Uranium, Total	50	10	mg/kg	NV	100425	1679	27-Jan-92			483953.9	1346795.6	ILL CUTTIN
Uranium, Total	50	9.655313	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Uranium, Total	50	9.295488	mg/kg	-	5350	ZONE 3-535	19880421	0	0.1667	483973.4	1346781.0	NORMAL
Uranium, Total	50	9.205531	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Uranium, Total	50	9.175546	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Uranium, Total	50	9.14556	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Uranium, Total	50	9	mg/kg	NV	200008	11367	11-Jul-94	1	1.5	482839.9	1346631.1	ARCHIVE
Uranium, Total	50	8.9	mg/kg	NV	90S-14	11367	19-Sep-94	0	0.17	482839.9	1346631.1	NORMAL
Uranium, Total	50	8.42591	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Uranium, Total	50	8.036099	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Uranium, Total	50	7.8	mg/kg	NV	200010	11367	11-Jul-94	1.5	2	482839.9	1346631.1	ARCHIVE
Uranium, Total	50	7	mg/kg	J	15476	1500	19900110	1.5	2	483029.4	1347531.0	NORMAL
Uranium, Total	50	7	mg/kg	-	15496	1501	19900111	0.5	1	482804.4	1346531.0	NORMAL
Uranium, Total	50	6.896652	mg/kg	J	5112	ZONE 3-510	19871111	0	0.1667	483029.4	1346531.0	NORMAL
Uranium, Total	50	6.296943	mg/kg	-	5356	ZONE 3-537	19880423	0	0.1667	483985.4	1346281.0	NORMAL
Uranium, Total	50	6	mg/kg	J	15475	1500	19900110	1	1.5	483029.4	1347531.0	NORMAL
Uranium, Total	50	6	mg/kg	J	15482	1500	19900110	4.5	5	483029.4	1347531.0	NORMAL
Uranium, Total	50	6	mg/kg	-	15498	1501	19900111	1.5	2	482804.4	1346531.0	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Uranium, Total	50	6	mg/kg	-	51131	1501	19900111	19	19.5	482804.4	1346531.0	NORMAL
Uranium, Total	50	5.997089	mg/kg	-	5353	ZONE 3-536	19880421	0	0.1667	483979.4	1346531.0	NORMAL
Uranium, Total	50	5.508	mg/kg	-	90S-14	11367	19-Sep-94	0	0.17	482839.9	1346631.1	NORMAL
Uranium, Total	50	5.3	mg/kg	U	100424	1679	27-Jan-92			483953.9	1346795.6	ILL CUTTIN
Uranium, Total	50	5.06754	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Uranium, Total	50	5	mg/kg	J	15474	1500	19900110	0.5	1	483029.4	1347531.0	NORMAL
Uranium, Total	50	5	mg/kg	J	51102	1500	19900110	14.5	15	483029.4	1347531.0	NORMAL
Uranium, Total	50	5	mg/kg	J	51112	1500	19900110	19.5	20	483029.4	1347531.0	NORMAL
Uranium, Total	50	5	mg/kg	-	15497	1501	19900111	1	1.5	482804.4	1346531.0	NORMAL
Uranium, Total	50	5	mg/kg	NV	38300	2679	22-Jan-92			483952.5	1346809.4	ILL CUTTIN
Uranium, Total	50	4.9069	pCi/g	UJ	100378	2728	15-Jan-92	14	14.5	483331.0	1346491.6	NORMAL
Uranium, Total	50	4.617758	mg/kg	J	101397	1732	19920109	14	16	483329.4	1348031.0	NORMAL
Uranium, Total	50	4.3	mg/kg	NV	200002D	11367	28-Jul-94	2	2.5	482839.9	1346631.1	DUPLICATE
Uranium, Total	50	4.09	mg/kg	-	100893	1730	9-Jan-92	0	30.5	483329.4	1347531.0	NORMAL
Uranium, Total	50	4	mg/kg	-	15495	1501	19900111	0	0.5	482804.4	1346531.0	NORMAL
Uranium, Total	50	4	mg/kg	-	15504	1501	19900111	4.5	5	482804.4	1346531.0	NORMAL
Uranium, Total	50	4	mg/kg	-	15514	1501	19900111	9.5	10	482804.4	1346531.0	NORMAL
Uranium, Total	50	3.92	mg/kg	-	101454	1729	14-Jan-92	0	30	483329.4	1347031.0	NORMAL
Uranium, Total	50	3.778166	mg/kg	J	101429	1729	19920113	16	18	483329.4	1347031.0	NORMAL
Uranium, Total	50	3.508297	mg/kg	-	101407	1732	19920109	20	21	483329.4	1348031.0	NORMAL
Uranium, Total	50	3.45	mg/kg	J	38411	3679	3-Feb-92			483956.2	1346781.5	ILL CUTTIN
Uranium, Total	50	3.38	mg/kg	-	101450	1735	10-Jan-92	0	13	483329.4	1349031.0	NORMAL
Uranium, Total	50	3.268413	mg/kg	J	100859	1734	19920108	14	16	483329.4	1348531.0	NORMAL
Uranium, Total	50	3.2	mg/kg	NV	9S-14-B2	11367	19-Sep-94	2	2.5	482839.9	1346631.1	NORMAL
Uranium, Total	50	3	mg/kg	J	15492	1500	19900110	9.5	10	483029.4	1347531.0	NORMAL
Uranium, Total	50	3	mg/kg	-	51126	1501	19900111	16.5	17	482804.4	1346531.0	NORMAL
Uranium, Total	50	2.872606	mg/kg	-	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Uranium, Total	50	2.818632	mg/kg	-	100413	1679	19920124	19	20.5	483953.9	1346795.6	NORMAL
Uranium, Total	50	2.63	mg/kg	J	101452	1732	10-Jan-92	0	21	483329.4	1348031.0	NORMAL
Uranium, Total	50	2.578748	mg/kg	J	100879	1730	19920109	14.5	16.5	483329.4	1347531.0	NORMAL
Uranium, Total	50	2.4	mg/kg	NV	200002D	11367	28-Jul-94	2	2.5	482839.9	1346631.1	DUPLICATE
Uranium, Total	50	2.278894	mg/kg	-	101384	1735	19920108	11	13	483329.4	1349031.0	NORMAL
Uranium, Total	50	2.18	mg/kg	-	100863	1734	8-Jan-92	0	26	483329.4	1348531.0	NORMAL
Uranium, Total	50	2.098981	mg/kg	-	7260	2052	19871101	13.5	15	482536.6	1348670.7	NORMAL
Uranium, Total	50	2.098981	mg/kg	J	7269	2052	19871102	27	28.5	482536.6	1348670.7	NORMAL
Uranium, Total	50	1.616	mg/kg	-	9S-14-B2	11367	19-Sep-94	2	2.5	482839.9	1346631.1	NORMAL
Vanadium	5100	29.2	mg/kg	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL

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2988

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Vanadium	5100	28.8	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Vanadium	5100	26.5	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Vanadium	5100	26.2	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Vanadium	5100	24.2	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Vanadium	5100	22.1	mg/kg	-	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Vanadium	5100	22	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Vanadium	5100	21.6	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Vanadium	5100	21.1	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Vanadium	5100	20.3	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Vanadium	5100	20.2	mg/kg	-	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Vanadium	5100	20.1	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Vanadium	5100	18.1	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Vanadium	5100	16.8	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Vanadium	5100	16.8	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Vanadium	5100	15.6	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL
Vanadium	5100	13.2	mg/kg	-	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Vanadium	5100	13.1	mg/kg	-	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Vinyl chloride	130	14	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Vinyl chloride	130	14	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Vinyl chloride	130	14	ug/kg	U	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Vinyl chloride	130	13	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Vinyl chloride	130	13	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Vinyl chloride	130	13	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Vinyl chloride	130	13	ug/kg	U	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Vinyl chloride	130	13	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Vinyl chloride	130	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Vinyl chloride	130	13	ug/kg	U	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Vinyl chloride	130	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Vinyl chloride	130	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Vinyl chloride	130	12	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Vinyl chloride	130	12	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Vinyl chloride	130	12	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Vinyl chloride	130	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Xylenes, Total	9.2E+08	14	ug/kg	UJ	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Xylenes, Total	9.2E+08	14	ug/kg	UJ	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Xylenes, Total	9.2E+08	13	ug/kg	UJ	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Xylenes, Total	9.2E+08	13	ug/kg	UJ	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL

TABLE 1
HISTORICAL DATA COLLECTED FROM AREA 1, PHASE III

Parameter	FRL	Result	Units	Qual.	Sample ID	Location	Date	Top	Bottom	Northing	Easting	QA Type
Xylenes, Total	9.2E+08	13	ug/kg	U	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Xylenes, Total	9.2E+08	13	ug/kg	U	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Xylenes, Total	9.2E+08	12	ug/kg	UJ	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Xylenes, Total	9.2E+08	7	ug/kg	U	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Xylenes, Total	9.2E+08	7	ug/kg	U	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Xylenes, Total	9.2E+08	6	ug/kg	U	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Xylenes, Total	9.2E+08	6	ug/kg	U	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Xylenes, Total	9.2E+08	6	ug/kg	U	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Xylenes, Total	9.2E+08	6	ug/kg	UJ	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Xylenes, Total	9.2E+08	6	ug/kg	U	7253	2052	1-Nov-87	4.5	6	482536.6	1348670.7	DUPLICATE
Xylenes, Total	9.2E+08	6	ug/kg	U	7255	2052	1-Nov-87	6	7.5	482536.6	1348670.7	DUPLICATE
Xylenes, Total	9.2E+08	6	ug/kg	U	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Zinc	120000	137	mg/kg	-	121124	500318/SS-16	19930701	0	0.5	483065.5	1349020.3	NORMAL
Zinc	120000	80.4	mg/kg	-	121130	500318/SS-02	19930701	0	0.5	483914.2	1348910.7	NORMAL
Zinc	120000	76.8	mg/kg	-	121126	500318/SS-17	19930701	0	0.5	483041.7	1348624.3	NORMAL
Zinc	120000	66.7	mg/kg	-	121137	500318/SS-18	19930702	0	0.5	483078.9	1348199.6	NORMAL
Zinc	120000	62.5	mg/kg	-	121144	500318/SS-22	19930702	0	0.5	483110.0	1347780.5	NORMAL
Zinc	120000	62.1	mg/kg	-	121128	500318/SS-01	19930701	0	0.5	483921.0	1348519.9	NORMAL
Zinc	120000	61.8	mg/kg	-	101372	1735	19920107	0	0.5	483329.4	1349031.0	NORMAL
Zinc	120000	54.2	mg/kg	-	100865	1730	19920109	0	0.5	483329.4	1347531.0	NORMAL
Zinc	120000	52.7	mg/kg	-	121139	500318/SS-21	19930702	0	0.5	483012.2	1347815.0	NORMAL
Zinc	120000	51.6	mg/kg	-	121136	500318/SS-20	19930702	0	0.5	482756.5	1348238.4	NORMAL
Zinc	120000	47.7	mg/kg	J	200001	11367	19940711	0	0.17	482839.9	1346631.0	NORMAL
Zinc	120000	47.4	mg/kg	-	100422	1679	19920127	0	0.5	483953.9	1346795.6	NORMAL
Zinc	120000	40.8	mg/kg	-	100841	1734	19920108	0	0.5	483329.4	1348531.0	NORMAL
Zinc	120000	39.8	mg/kg	-	121146	500318/SS-19	19930702	0	0.5	483167.2	1347978.5	NORMAL
Zinc	120000	38.4	mg/kg	-	100371	2728	19920319	0	0.5	483331.0	1346491.6	NORMAL
Zinc	120000	37.1	mg/kg	-	101385	1732	19920108	0	0.5	483329.4	1348031.0	NORMAL
Zinc	120000	28.5	mg/kg	-	101409	1729	19920113	0	0.5	483329.4	1347031.0	NORMAL
Zinc	120000	25.7	mg/kg	J	200002	11367	19940711	2	2.5	482839.9	1346631.0	NORMAL

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TABLE 2
HISTORICAL DATA ABOVE THE FRL IN A1PIII

Parameter	FRL	Result	Qual.	Units	Sample ID	Location	Date	Top	Bottom	Northing	Easting	Lab
Beryllium	1.5	1.6	-	mg/kg	121139	500318/SS	19930702	0	.5	483012.247	1347815.001	TCT
Thorium-228	1.7	3.49	-	pCi/g	101407	1732	19920109	20	21	483329.403	1348030.957	IT
Thorium-228	1.7	2.8	-	pCi/g	101385	1732	19920108	0	.5	483329.403	1348030.957	IT
Thorium-228	1.7	2.74	-	pCi/g	101372	1735	19920107	0	.5	483329.415	1349030.954	IT
Thorium-228	1.7	2.52	-	pCi/g	100865	1730	19920109	0	.5	483329.396	1347530.958	IT
Thorium-228	1.7	2.43	-	pCi/g	100841	1734	19920108	0	.5	483329.409	1348530.955	IT
Thorium-228	1.7	2.24	J	pCi/g	101409	1729	19920113	0	.5	483329.39	1347030.96	IT
Thorium-228	1.7	2.07	-	pCi/g	100862	1734	19920108	24	26	483329.409	1348530.955	IT
Thorium-228	1.7	2.02	-	pCi/g	101384	1735	19920108	11	13	483329.415	1349030.954	IT
Thorium-228	1.7	1.74	J	pCi/g	100422	1679	19920127	0	.5	483953.923	1346795.563	IT
RESULTS WITH CRDL ABOVE THE FRL:												
3,3'-Dichlorobenzidine	550	900	UJ	ug/kg	101372	1735	19920107	0	.5	483329.415	1349030.954	IT
3,3'-Dichlorobenzidine	550	890	U	ug/kg	101409	1729	19920113	0	.5	483329.39	1347030.96	IT
3,3'-Dichlorobenzidine	550	860	U	ug/kg	100422	1679	19920127	0	.5	483953.923	1346795.563	IT
3,3'-Dichlorobenzidine	550	860	UJ	ug/kg	100841	1734	19920108	0	.5	483329.409	1348530.955	IT
3,3'-Dichlorobenzidine	550	860	UJ	ug/kg	100865	1730	19920109	0	.5	483329.396	1347530.958	IT
3,3'-Dichlorobenzidine	550	850	U	ug/kg	100371	2728	19920319	0	.5	483331.013	1346491.551	IT
3,3'-Dichlorobenzidine	550	820	UJ	ug/kg	101385	1732	19920108	0	.5	483329.403	1348030.957	IT
Aroclor-1254	130	220	U	ug/kg	101372	1735	19920107	0	.5	483329.415	1349030.954	IT
Aroclor-1254	130	210	U	ug/kg	100371	2728	19920319	0	.5	483331.013	1346491.551	IT
Aroclor-1254	130	210	U	ug/kg	100422	1679	19920127	0	.5	483953.923	1346795.563	IT
Aroclor-1254	130	210	U	ug/kg	100865	1730	19920109	0	.5	483329.396	1347530.958	IT
Aroclor-1254	130	210	U	ug/kg	101409	1729	19920113	0	.5	483329.39	1347030.96	IT
Aroclor-1254	130	200	U	ug/kg	100841	1734	19920108	0	.5	483329.409	1348530.955	IT
Aroclor-1254	130	200	U	ug/kg	101385	1732	19920108	0	.5	483329.403	1348030.957	IT
Aroclor-1260	130	220	U	ug/kg	101372	1735	19920107	0	.5	483329.415	1349030.954	IT
Aroclor-1260	130	210	U	ug/kg	100371	2728	19920319	0	.5	483331.013	1346491.551	IT
Aroclor-1260	130	210	U	ug/kg	100422	1679	19920127	0	.5	483953.923	1346795.563	IT
Aroclor-1260	130	210	U	ug/kg	100865	1730	19920109	0	.5	483329.396	1347530.958	IT
Aroclor-1260	130	210	U	ug/kg	101409	1729	19920113	0	.5	483329.39	1347030.96	IT
Aroclor-1260	130	200	U	ug/kg	100841	1734	19920108	0	.5	483329.409	1348530.955	IT
Aroclor-1260	130	200	U	ug/kg	101385	1732	19920108	0	.5	483329.403	1348030.957	IT
Dieldrin	15	22	U	ug/kg	101372	1735	19920107	0	.5	483329.415	1349030.954	IT
Dieldrin	15	21	U	ug/kg	100371	2728	19920319	0	.5	483331.013	1346491.551	IT
Dieldrin	15	21	U	ug/kg	100422	1679	19920127	0	.5	483953.923	1346795.563	IT
Dieldrin	15	21	U	ug/kg	100865	1730	19920109	0	.5	483329.396	1347530.958	IT
Dieldrin	15	21	U	ug/kg	101409	1729	19920113	0	.5	483329.39	1347030.96	IT
Dieldrin	15	20	U	ug/kg	100841	1734	19920108	0	.5	483329.409	1348530.955	IT
Dieldrin	15	20	U	ug/kg	101385	1732	19920108	0	.5	483329.403	1348030.957	IT
N-Nitroso-di-n-propylamine	200	470	U	ug/kg	121126	500318/SS	19930701	0	.5	483041.658	1348624.339	TCT

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TABLE 2
HISTORICAL DATA ABOVE THE FRL IN A1PIII

Parameter	FRL	Result	Qual.	Units	Sample ID	Location	Date	Top	Bottom	Northing	Easting	Lab
N-Nitroso-di-n-propylamine	200	460	U	ug/kg	121124	500318/SS	19930701	0	.5	483065.533	1349020.317	TCT
N-Nitroso-di-n-propylamine	200	450	U	ug/kg	101372	1735	19920107	0	.5	483329.415	1349030.954	IT
N-Nitroso-di-n-propylamine	200	450	U	ug/kg	101409	1729	19920113	0	.5	483329.39	1347030.96	IT
N-Nitroso-di-n-propylamine	200	450	U	ug/kg	121137	500318/SS	19930702	0	.5	483078.943	1348199.619	TCT
N-Nitroso-di-n-propylamine	200	440	U	ug/kg	121136	500318/SS	19930702	0	.5	482756.45	1348238.423	TCT
N-Nitroso-di-n-propylamine	200	440	U	ug/kg	121144	500318/SS	19930702	0	.5	483109.988	1347780.53	TCT
N-Nitroso-di-n-propylamine	200	430	U	ug/kg	100371	2728	19920319	0	.5	483331.013	1346491.551	IT
N-Nitroso-di-n-propylamine	200	430	U	ug/kg	100422	1679	19920127	0	.5	483953.923	1346795.563	IT
N-Nitroso-di-n-propylamine	200	430	U	ug/kg	100841	1734	19920108	0	.5	483329.409	1348530.955	IT
N-Nitroso-di-n-propylamine	200	430	U	ug/kg	100865	1730	19920109	0	.5	483329.396	1347530.958	IT
N-Nitroso-di-n-propylamine	200	420	U	ug/kg	121139	500318/SS	19930702	0	.5	483012.247	1347815.001	TCT
N-Nitroso-di-n-propylamine	200	410	U	ug/kg	101385	1732	19920108	0	.5	483329.403	1348030.957	IT
N-Nitroso-di-n-propylamine	200	410	U	ug/kg	121146	500318/SS	19930702	0	.5	483167.221	1347978.509	TCT

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TABLE 3
ASCOC LIST FOR ALL A1PIII CERTIFICATION UNITS

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
Beryllium*	1.5 mg/kg	FRL exceedence found in historical data set

* Beryllium will only be retained as an ASCOC in CUs 04, 05, 14, 15, 16, 19, 23, and 25.

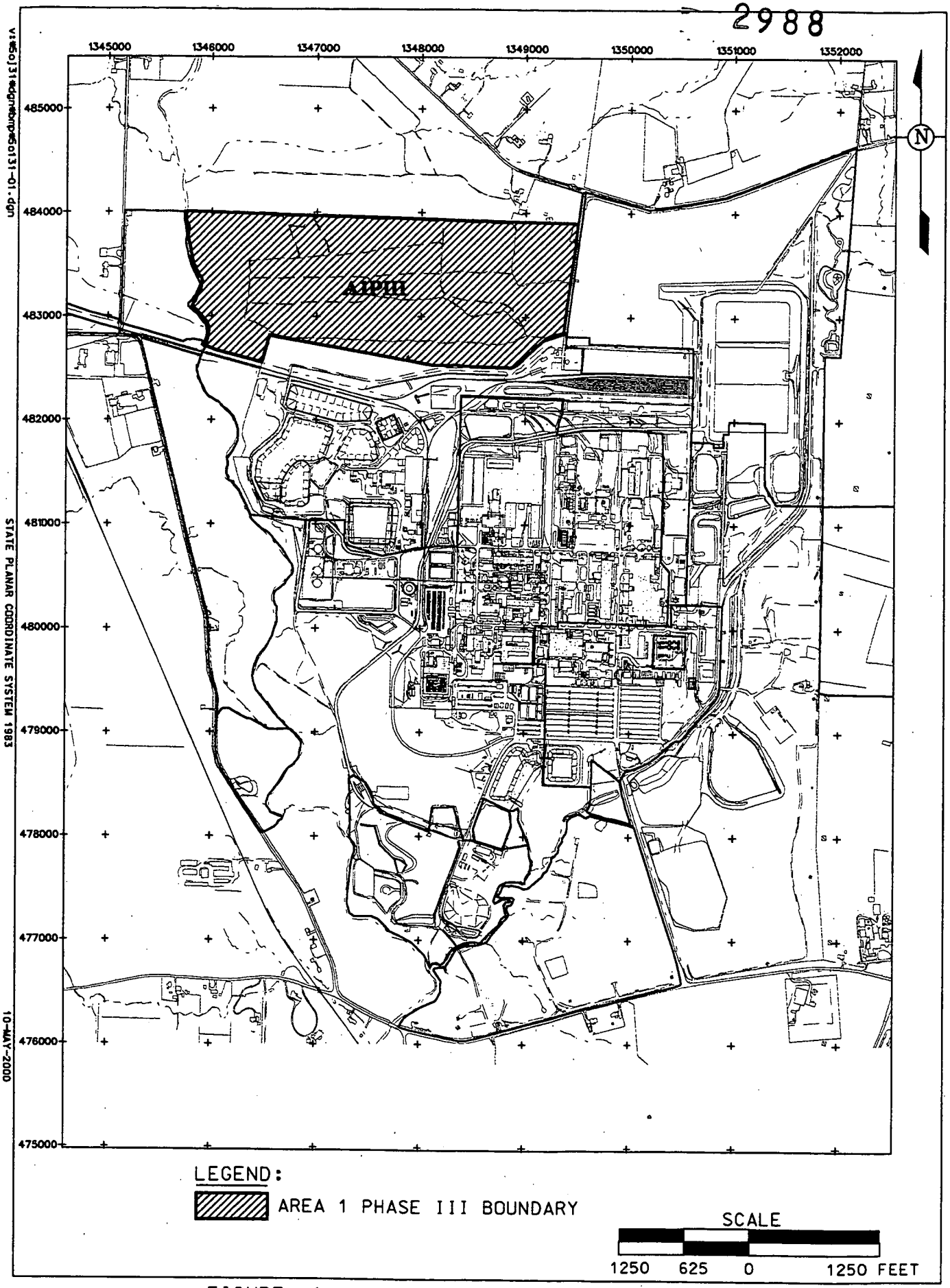
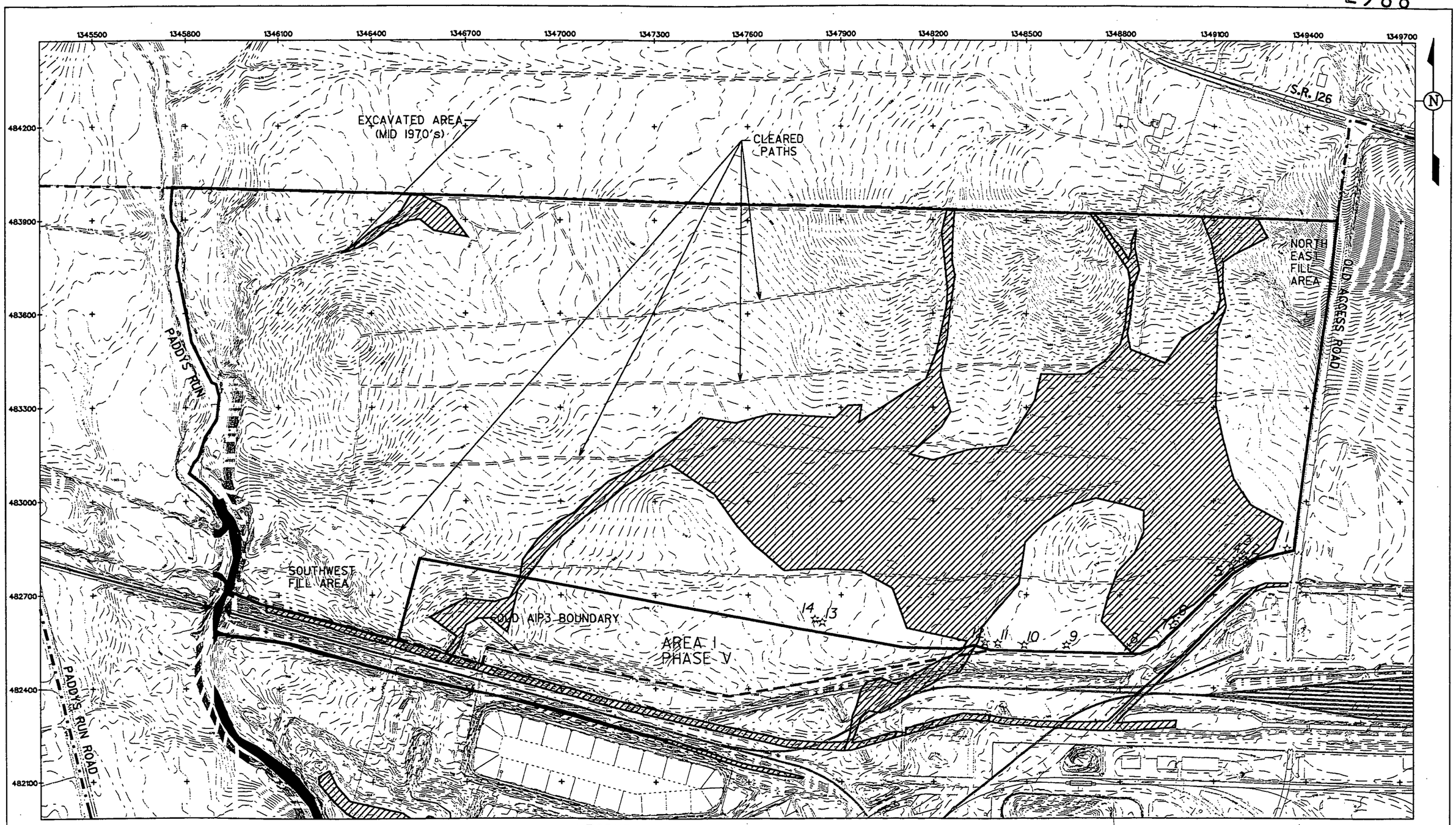


FIGURE 1. AREA 1, PHASE III LOCATION MAP



LEGEND:

AREA 1, PHASE III BOUNDARY

FEMP BOUNDARY

1☆ A1P3 PILE LOCATION (HPGE SHOT)

A1P3 WETLAND

SCALE

300 150 0 300 FEET

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FIGURE 2. AREA 1, PHASE III TOPOGRAPHY AND SURFACE FEATURES

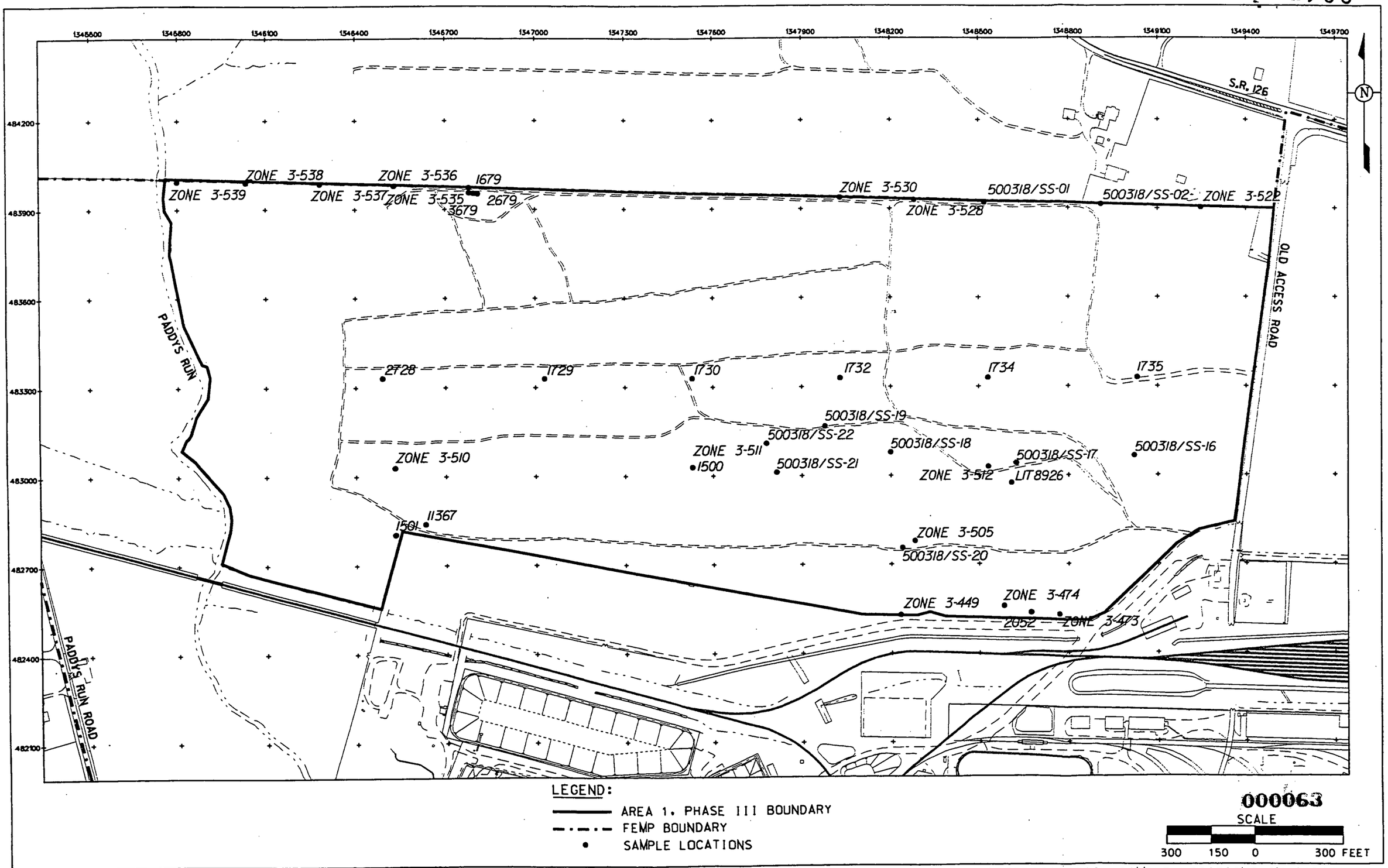

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FIGURE 3. HISTORICAL SOIL SAMPLE LOCATIONS IN A1PIII

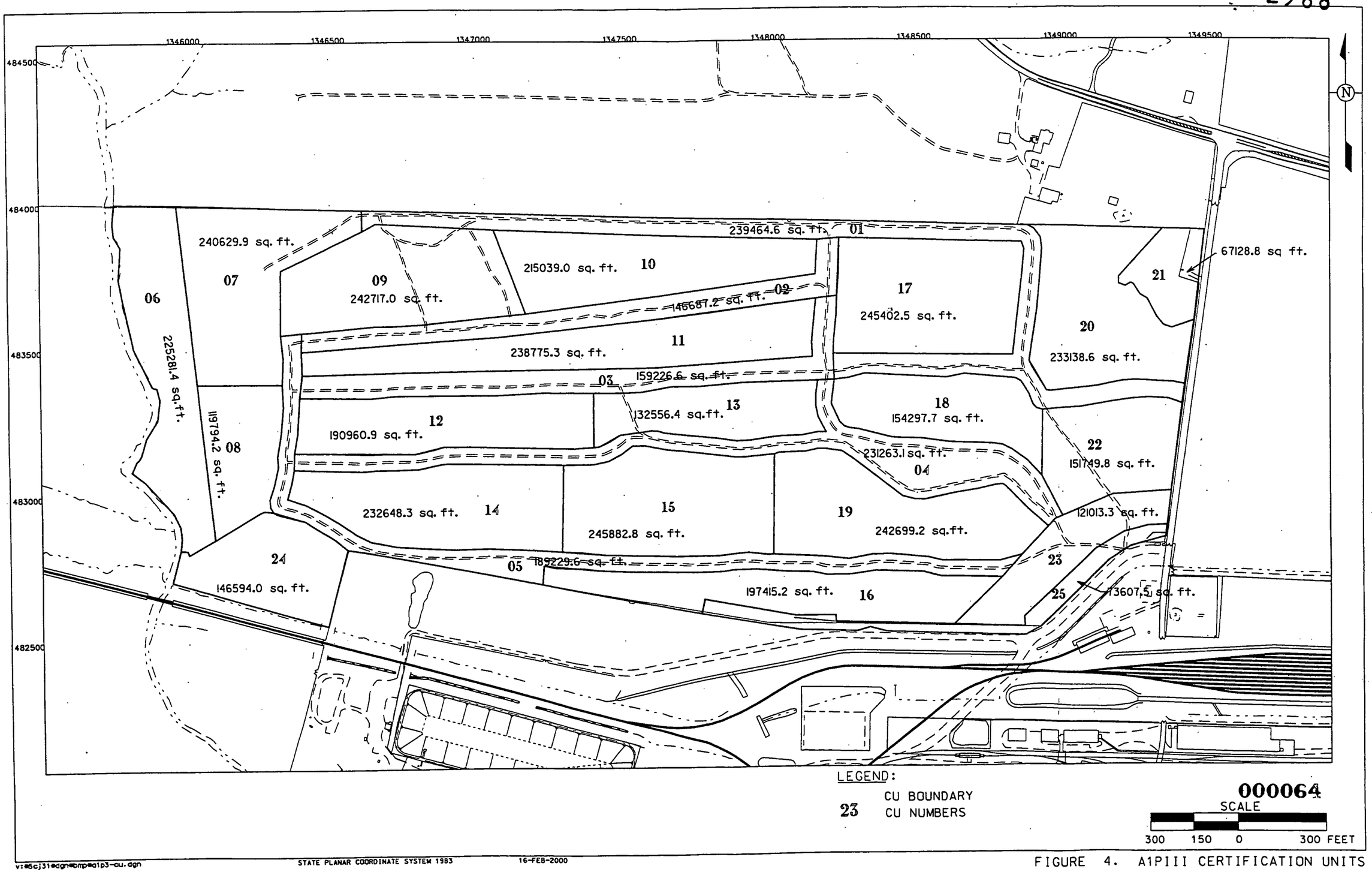

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FIGURE 4. A1PIII CERTIFICATION UNITS

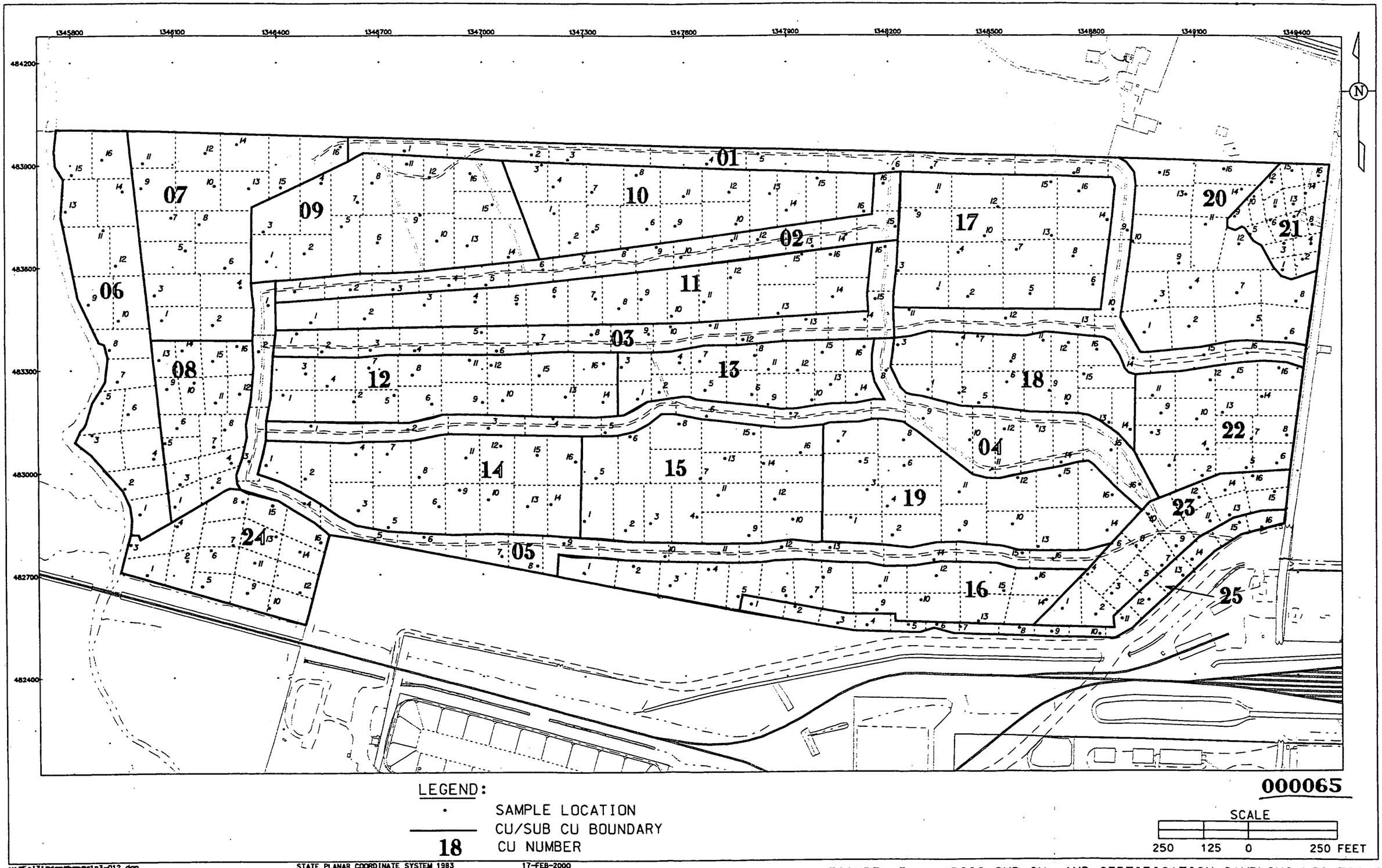

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FIGURE 5. A1PIII SUB-CUs AND CERTIFICATION SAMPLING LOCATIONS