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UC-70

Characterization Investigation Study

Volume 3: Radiological Survey of Surface Soils

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by

A.J. Solow
D.R. Phoenix

Roy F. Weston, Inc.

December 1987

Prepared for the

FEED MATERIALS PRODUCTION CENTER

WESTINGHOUSE MATERIALS COMPANY OF OHIO

P.O. BOX 398704
CINCINNATI, OHIO 45239

UNDER CONTRACT DE-AC05-86OR21600

U.S. DEPARTMENT of ENERGY

OAK RIDGE OPERATIONS OFFICE

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CHARACTERIZATION INVESTIGATION STUDY
VOLUME 3: RADIOLOGICAL CHARACTERIZATION OF SURFACE SOILS IN THE WASTE STORAGE AREA

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EXECUTIVE SUMMARY

The Feed Materials Production Center (FMPC) located near the unincorporated village of Fernald, approximately 20 miles northwest of Cincinnati in southwestern Ohio, was constructed in 1951 to produce high purity uranium metal for use at various Department of Energy facilities. The production facilities consist of eight separate operations plants that have used a wide variety of chemical and metallurgical processes on ore concentrates, recycled uranium from spent reactor fuel, or various uranium compounds. The waste products from these operations include: general uncontaminated scrap and refuse, contaminated and uncontaminated metal scrap, waste oils, low-level radioactive waste, co-contaminated wastes, mixed waste, toxic waste, sludges from water treatment, and fly ash from the steam plant. This material has been stored in designated areas and is estimated to total more than 350,000 cubic meters. Most of the process waste is contained in pit nos. 1 through 6, which were excavated in the area west of the production facility. Other wastes stored in this area include: laboratory chemicals and other combustible materials in the burn pit; fine waste stream sediments in the clear well; fly ash and waste oils in the two fly ash areas; lime-alum sludges and boiler plant blowdown in the lime sludge ponds; and non-radioactive sanitary waste, construction rubble, and asbestos in the sanitary landfill.

As part of the comprehensive waste management and environmental program at the FMPC, specific alternatives are being developed and evaluated for the final disposition of the waste inventory currently stored at the site. Selective investigations have been conducted to characterize the material contained within the approximate 100-acre Waste Storage Area. Detailed surveys of the geophysical properties of the area and the chemical and radiological characterization of the stored waste have been published (Roy F. Weston, Inc., 1987a and b). This document describes the radiological characterization of the surface soils throughout the Waste Storage Area, associated on-site drainages, and the fly ash piles.

The initial step in the investigation was to provide detailed sampling and analytical plans and procedures to be used in the field and laboratory; health and safety procedures to ensure worker and public protection; and methods to ensure and control the proper collection of data, as well as their review, storage, analysis, and reporting.

A grid was constructed throughout the study area by having a licensed surveyor provide perpendicular lines from an established monument in order to accurately locate exact sampling locations. Gamma exposure rate measurements were made at 146 locations during the mobilization phase to assess the expected doses to personnel working in the storage areas. Readings of 13 to 20 microR/hr were common in the waste pit and fly ash areas. Elevated rates were noted immediately west of the production area (70 microR/hr) and in the vicinity of the K-65 silos (230 microR/hr).

A systematic survey of the surface soils throughout the Waste Storage Area, associated on-site drainages, and the fly ash piles was conducted using a Field Instrument for Detecting Low-Energy Radiation (FIDLER). This provided a screening mechanism for the distribution of surface deposits of radioactivity and indicated where soil samples were to be collected. Verification of activity concentrations was made by taking beta-gamma dose rate measurements using a Geiger Mueller (GM) detector. Approximately 24,400 locations were surveyed with the FIDLER, initially at 50-foot grid nodes, and, when scanning within grids indicated elevated readings, along a finer 6.5-ft by 6.5-ft grid. Approximately 2,500 soil samples up to 18 inches deep were taken at locations where the FIDLER indicated that U-238 activity concentrations exceeded 35 pCi/g. All soil samples were sent to the on-site gamma spectroscopy laboratory where estimations of radionuclide activity concentrations were made for U-238, Ra-226, Th-232, Cs-137, and Ru-106. Further analysis was performed on samples showing the highest activity concentrations. Two hundred and twenty-six samples were sent to an off-site laboratory to determine the isotopic activity concentrations of uranium and thorium and to identify radionuclides not readily detectable by gamma-spectral techniques, i.e., Sr-90, Tc-99, Pb-210, Np-237, and isotopes of plutonium.

The data from the surface soils radiological characterization may be compared to that obtained at 15 background stations located in the vicinity of the FMPC but at distances large enough to be free of influence from site activity. The background radionuclide activity concentrations ranged from 0.7 to 1.2 pCi/g for U-238, 0.7 to 1.0 pCi/g for U-234, 0.7 to 1.3 pCi/g for Th-230, 0.5 to 1.2 pCi/g for Th-232, 0.5 to 1.0 pCi/g for Ra-226, <0.1 to 0.8 pCi/g for Cs-137, <1.0 for Ru-106, and <0.1 for the plutonium isotopes.

Results of the soil sample analysis indicate that uranium is the most prevalent radioactive element in surface soil and that U-238 is the principal radionuclide, ranging from 2.2 to 1,790 pCi/g in the general Waste Storage Area. The maximum values for the next highest activity concentrations in the same area were

972 pCi/g for Th-230 and 298 pCi/g for U-234. Elevated activity concentrations of Th-230 were found along the K-65 slurry line, the maximum at 3,010 pCi/g. Other radionuclide concentrations of note along the slurry line were: Th-232 at 866 pCi/g, Tc-99 at 602 pCi/g, Ra-226 at 137 pCi/g, and Pb-210 with a maximum of 169 pCi/g. The drainage paths in the vicinity of the waste pits had low radioisotope activity concentrations in their surface soils. U-238 had the highest value of 761 pCi/g in the drainage just south of pit no. 5. The upper fly ash area had the highest radionuclide activity concentrations in the surface soils with the maximum values for U-238 at 8,600 pCi/g, U-235 at 2,190 pCi/g, U-234 at 11,400 pCi/g, Tc-99 at 594 pCi/g, Ra-226 at 279 pCi/g, and Th-230 at 164 pCi/g. For radionuclides such as Cs-137, Ru-106, Np-237, Sr-90, Pu-238, and Pu-239/240, only minor concentrations were observed throughout the site.

Despite the maximum elevated activity concentrations quoted above, in general, the frequency distribution of radionuclides in the study indicates that the preponderance of sample activity concentrations was at the low end of their range. For example, 70 percent of the U-238 activity concentrations were less than 35 pCi/g. Th-232 activity concentrations showed that 35 percent were less than 1 pCi/g, or background, and 91 percent were less than 5 pCi/g. Seventy-four percent of the Cs-137 activity concentrations were at or near background and 98 percent were less than 3 pCi/g. Sixty-five percent of the Ra-226 activity concentrations were less than 2 pCi/g and 87 percent were less than 5 pCi/g.

SECTION 1

INTRODUCTION

The purpose of this volume is to present the results produced by that portion of the Characterization Investigation Study associated with the evaluation of surface soils in the Waste Storage Area for possible above background levels of radionuclides. The areas surveyed included the vicinity of the waste pits; the covers of pit nos. 1, 2, 3, and 4; the sanitary landfill; the south lime sludge pond; two fly ash piles; the K-65 slurry line; and various drainages. Other portions of the study are reported in documents described in Subsection 1.2.

1.1 HISTORICAL BACKGROUND

1.1.1 Location

The Feed Materials Production Center (FMPC) is located near the unincorporated village of Fernald in the valley of the Great Miami River approximately 20 miles northwest of Cincinnati in southwestern Ohio. The unincorporated villages of New Baltimore, Venice (i.e., Ross), and Shandon are within a few miles. Hamilton, Ohio, is approximately 10 miles to the northeast. Specifically, the FMPC occupies parts of Sections 30 and 31, Township 3 North, Range 2 East; and parts of Sections 5, 6, 7, and 8, Township 2 North, Range 2 East.

The FMPC comprises 1,050 acres, of which approximately 850 acres are in northern Hamilton County and approximately 200 acres are in southern Butler County. The production area encompasses approximately 136 acres in the center of the FMPC.

The FMPC is bounded roughly by State Highway 126 to the north, a transmission line to the east, Willey Road to the south, and Paddy's Run Road and the Ohio and Chesapeake Railroad to the west (Figure 1-1).

1.1.2 Production Activities

The FMPC was constructed in 1951 to produce high purity uranium metal in several physical forms for use at various DOE facilities.

A wide variety of chemical and metallurgical processes is utilized at the FMPC. Figure 1-2 is a schematic of these processes (ORAU, 1985).

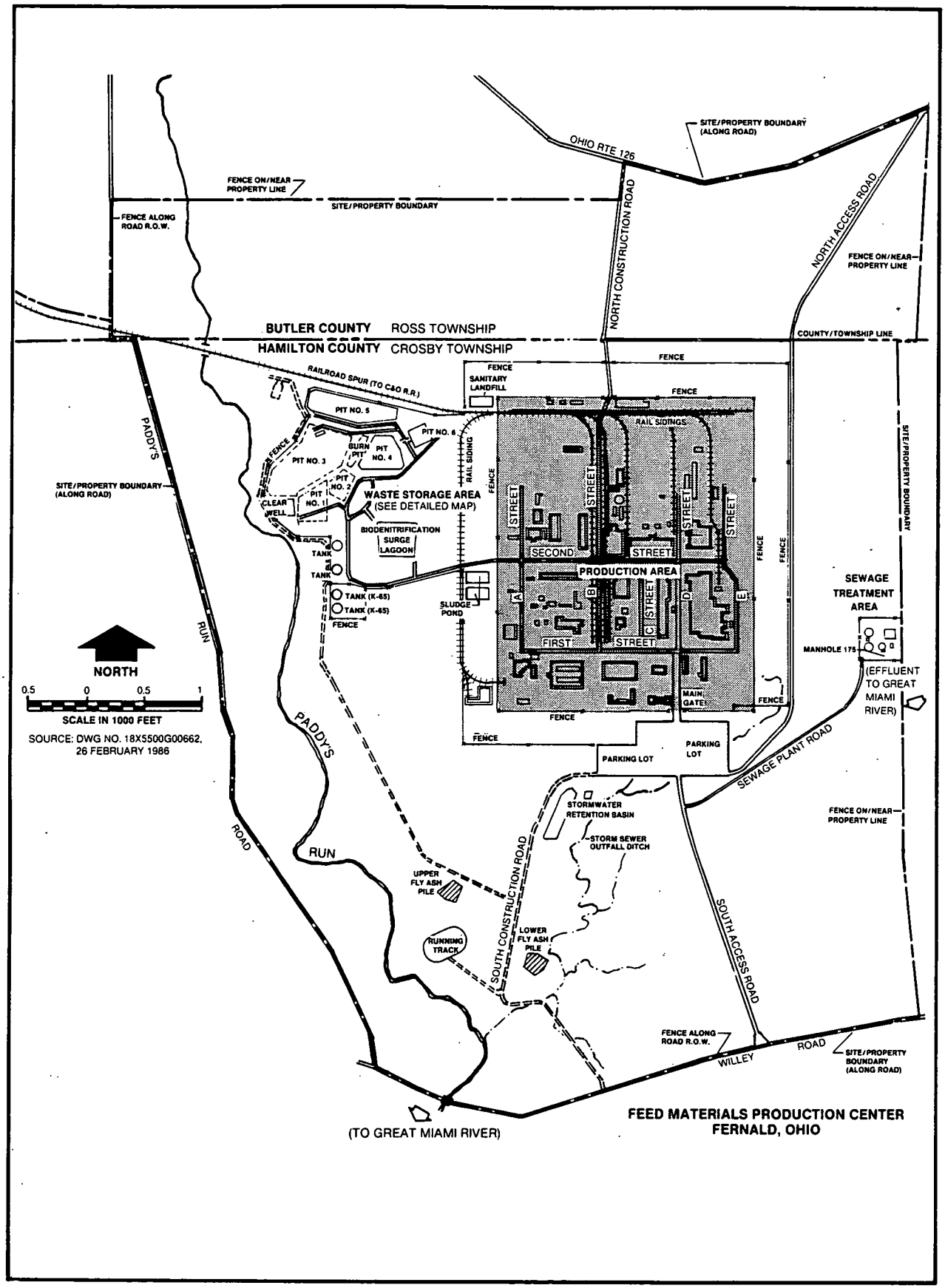

FIGURE 1-1 MAP OF THE SITE FEED MATERIALS PRODUCTION CENTER, FERNALD, OHIO

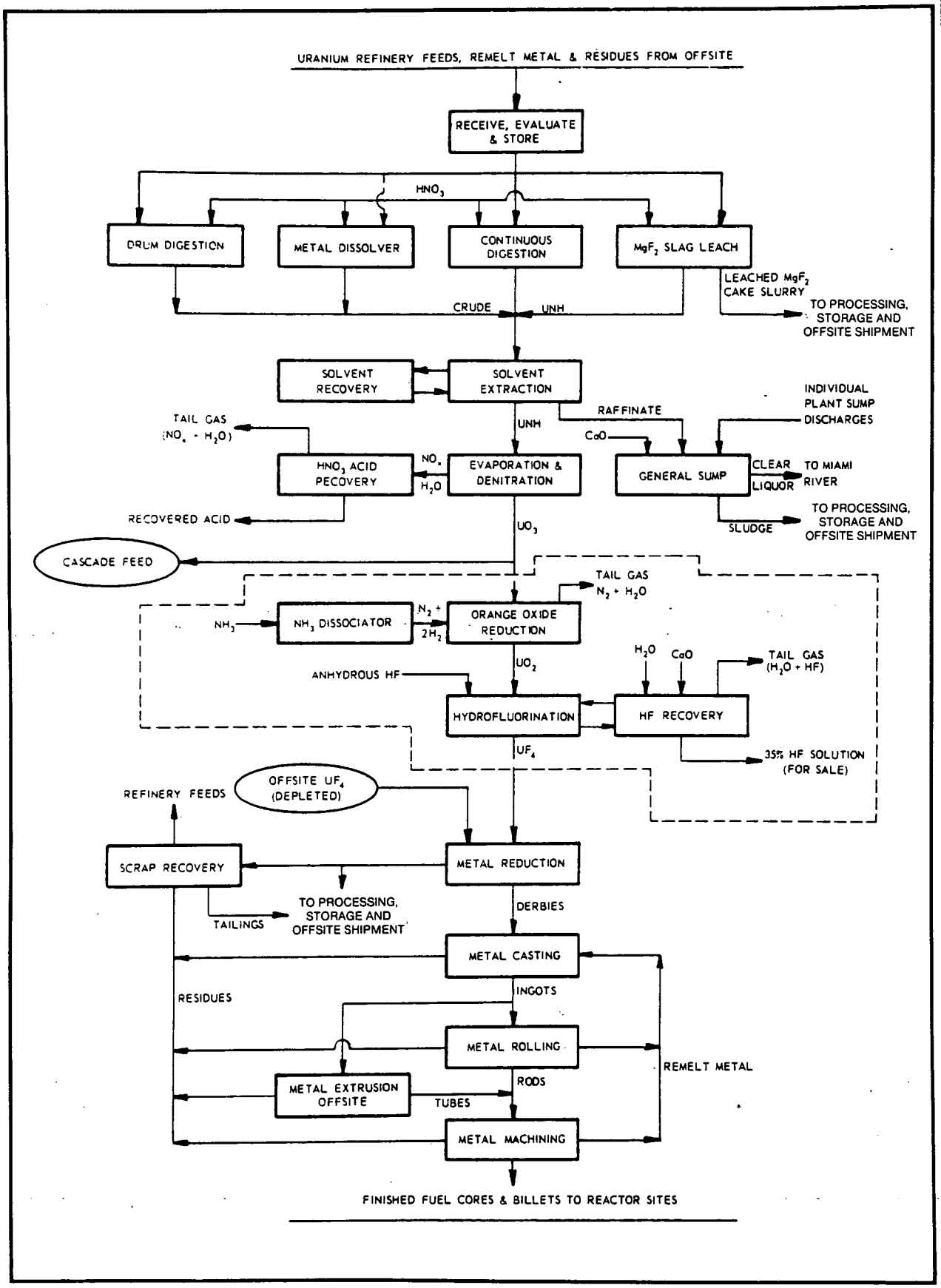

FIGURE 1-2 SCHEMATIC DIAGRAM OF THE FMPC PROCESS

Several radionuclides are known to be present in feed materials processed, stored, or disposed of at the FMPC. U-235 enrichments in raw materials range up to approximately 2 percent. The maximum product enrichment is 1.25 percent, and the average product is slightly depleted. A small amount of thorium processing has also been performed in the past, but presently thorium is only stored on-site. Small quantities of fission products (e.g., Sr-90, Cs-137, Ru-106, and Tc-99) and transuranics may also be contained in some plant effluents and wastes as a consequence of processing some recycled feed materials (ORAU, 1985). In addition, other nonuranic radionuclides (e.g., neptunium and plutonium) have been found in plant effluents. Raw feed materials containing very low concentrations of plutonium were used as late as May 1986 (Employee Bulletin, 1986).

In general, production facilities at the FMPC consist of eight separate operations plants. Uranium production begins at the sampling plant with ore concentrates, recycled uranium, or with various uranium compounds. At the Refinery, these materials are dissolved in nitric acid and the uranium is extracted into an organic liquid and then back-extracted into dilute nitric acid to yield a solution of uranyl nitrate (NLO, 1985a). The uranyl nitrate is evaporated and heated to convert the solution to uranium trioxide (UO_3) powder. In the Green Salt Plant, the UO_3 is reduced to uranium dioxide (UO_2) with hydrogen and then converted to uranium tetrafluoride (UF_4) by reaction with anhydrous hydrogen fluoride. In the Metals Production Plant, UF_4 and magnesium are combined in a refractor-lined reduction vessel to produce uranium metal through a thermite reaction. This primary uranium metal is then re-melted with available scrap uranium metal to yield purified uranium ingots, which are extruded to form rods or tubes. Sections are then cut and machined to final dimensions. Primary metal and metal castings of other shapes are also final products (NLO, 1985a).

1.1.3 Historic Disposal Practices

1.1.3.1 General Description of FMPC Wastes

Wastes stored at the FMPC include: general uncontaminated scrap and refuse, contaminated and uncontaminated metal scrap, waste oils, low-level radioactive waste, co-contaminated wastes, mixed wastes, toxic waste, and fly ash from the steam plant.

Wastes currently stored at the Waste Storage Area and elsewhere at the FMPC are estimated as totaling more than 3.5×10^5 cu m (ORAU, 1985).

The radionuclides encountered at the FMPC are generally uranium, thorium, and the radioactive daughters of each. The processing of recycled compounds has introduced transuranic radionuclides, such as plutonium and neptunium, as well as fission fragments such as ruthenium and technetium (present in the FMPC effluent). Other radionuclides are present in trace quantities (NLO, 1985b). In addition, the FMPC has been designated as the DOE thorium storage center, and approximately 1,050 metric tons of thorium feed material and products are stored on-site (ORAU, 1985).

Other wastes stored include: 1,1,1-trichloroethane, spent barium chloride salt, methylene chloride/perchloroethylene solvent, various caustic bases and acids (e.g., anhydrous ammonia and hydrofluoric acid), contaminated waste oil, PCB wastes, and construction rubble and debris (NLO, 1985b; ORAU, 1985; Dames & Moore, 1982).

The historic waste storage facilities at the FMPC consist of six waste pits (numbers 1 through 6), two concrete silos (K-65 silos 1 and 2), two additional concrete silos (metal oxide silos 3 and 4), a burn pit, the clear well, fly ash disposal areas 1 and 2, sanitary landfill, and two lime sludge ponds. The six waste pits, four concrete silos, burn pit, clear well, and sanitary landfill are located west of the production facility within the fenced controlled area known as the Waste Storage Area (Figure 1-3). The fly ash areas are located southwest of the production area.

Waste Pits

The waste pits consist of waste pit nos. 1 through 6, the burn pit, and the clear well. They are numbered chronologically in their order of construction. The pits also are typically referred to as "wet" if they received waste in slurry form (3 and 5), or "dry" if they received solid waste from trucks (1, 2, 4, and 6). Table 1-1 describes the characteristics of the Waste Storage Area and an approximate inventory of stored wastes based on a very limited amount of historical information. No characterization studies of the pits were performed prior to the Characterization Investigation Study.

Transport of solid wastes to the pits depended upon the types of wastes generated and the types of storage containers. In general, drummed wastes were transported on semiflatbed trailers, metal dumpsters were carried by dumpster vehicles, bulk wastes were transported by dump trucks and dump trailers, and drummed pyrophoric metal was conveyed on four-wheeled flatbed trailers pulled by tow tractors (NLO, 1977).

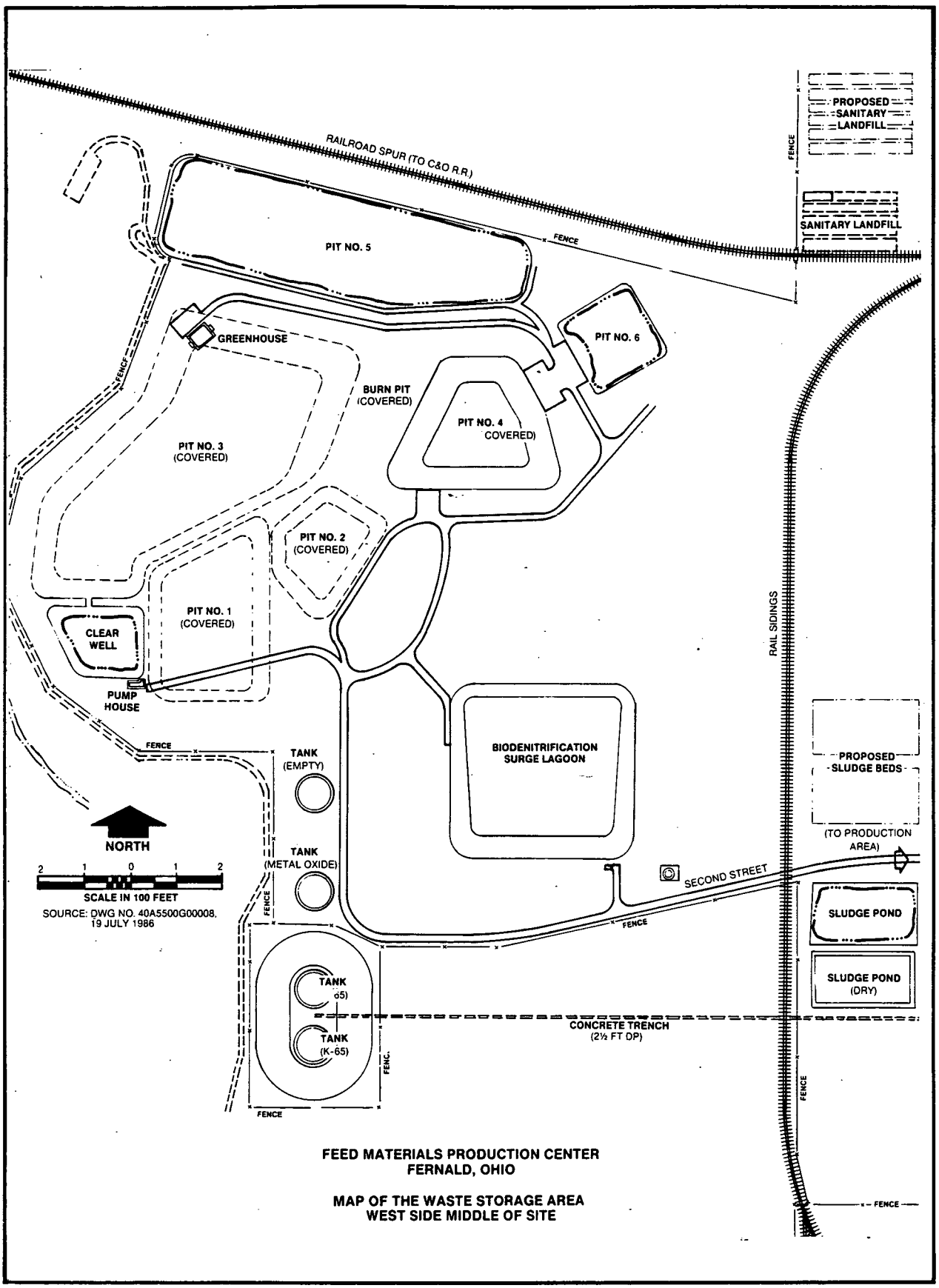

FIGURE 1-3 MAP OF THE WASTE STORAGE AREA WEST SIDE MIDDLE OF SITE

Table 1-1

Approximate Waste Storage Contents at the FMPC

Facility/Feature	Contents	Estimated Maximum Depth, Feet	Backfilled
Pit no. 1	Neutralized waste filter cakes, graphite, brick, scrap, sump liquor and cakes, depleted slag	17	Covered with clean fill dirt
Pit no. 2	Neutralized waste filter cakes, graphite, brick, scrap, sump liquor and cakes, depleted slag	13	Covered with clean fill
Pit no. 3	Lime neutralized raffinate concentrate, slag leach residues, filter cakes, fly ash, lime sludge	27	Covered with clean fill
Pit no. 4	Process residues, trailer cakes, slurries, raffinates, depleted graphite, nonburnable trash, asbestos	24	Covered
Pit no. 5	Solids from neutralized raffinate, slag leach slurry, sump slurry, lime sludge	30	No
Pit no. 6	Depleted slag, scrap, green salt, process residue, filter cake	24	No
Burn pit	Pyrophoric and reactive chemicals, oils, combustable wastes, scrap iron, wood, tin cans, ashes and gravel	Unknown	Backfilled
Clear well	Clear process effluents and surface runoff		Active
Sanitary landfill	Uncontaminated burnable materials including cafeteria scrap, asbestos, and miscellaneous construction rubble	Unknown	Backfilled

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Table 1-1
(continued)

Facility/Feature	Contents	Estimated Maximum Depth, Feet	Backfilled
Lime sludge ponds	Residue from water treatment facility	Unknown	North pond active South pond covered
K-65 silos	Austrailian radium cake and pitch blend processing residues	NA	NA
Metal oxide silo (lower)	Metal oxides	NA	NA
Metal oxide silo (upper)	Empty	NA	NA
Slurry line	Enclosed pipelines that transported waste material to K-65 silos, metal oxide silo, and pit nos. 2, 3, 4, and 5	NA	NA
Upper fly ash pile	Fly ash and contaminated oils	Unknown	NA
Lower fly ash pile	Fly ash	Unknown	Active
Southfield area	Construction rubble containing low levels of radioactivity	Unknown	Covered

At the Waste Storage Area, dump trucks, dump trailers, dumpster units, and drummed wastes were emptied directly onto the pits' edges. The materials were then pushed into the pits by either a bulldozer or a dragline scraper (NLO, 1977). Loose contamination was washed from bulldozers, dragline scraper, vehicles, dumpster, and fork trucks with water at the pits. Empty drums were washed in the drum washing facility.

Liquid wastes were transported between the general sump and the Waste Storage Area via two 6-inch diameter pipes (Dames and Moore, 1982). These pipes exited the production area on the west side enclosed in a concrete trench that was covered with slabs of concrete. The trench extended to the fence of the K-65 tanks at which point the pipes turned north and were buried underground. The two pipes then branched with one running north between pit nos. 2, 3, and 4 to pit no. 5, while the other ran west to the clear well.

On the southern dike of pit no. 5, the pipe from the general sump connected to three berm valves. With these valves, the liquid wastes could be directed from the general sump to pit nos. 4 or 5, from either of the two pits to the other, and from either pit back to the general sump (Dames and Moore, 1982).

An additional pipe originated in the tower at the west end of pit no. 5 and extended, buried in the dike of pit no. 3, to the clear well. This pipe transported pit no. 5 supernatant to the clear well. The other 6-inch pipe, which connected the clear well and the general sump, was used to transport clear well effluent back to the general sump (Dames and Moore, 1982).

Waste pit no. 1, constructed in 1952, was excavated into an existing clay lens and lined with clay excavated from the burn pit (H&R, 1986). The capacity of the waste pit was expanded by the addition of a berm on the west end in 1957 to provide a total capacity of 40,000 cubic yards (cu yd). The waste material that was placed in the waste pit consisted primarily of neutralized waste filter cakes, production plant sump cakes, depleted slag, scrap graphite, contaminated brick, and sump liquor. Although the majority of the wastes were dry solids, decant pipes were constructed through the west berm. These pipes were used rarely (NLO, 1985c). The quantity of uranium placed in the pit is estimated at 52,000 kg. Waste pit no. 1 was closed in 1959, backfilled, and covered with clean fill dirt (NLO, 1985c). Surface water runoff is diverted to the clear well prior to its discharge to the Great Miami River.

Waste pit no. 2 was constructed in 1957 and operated from 1957 to 1964 (H&R, 1986). This pit was constructed near a small pond east of waste pit no. 1 and lined with a compacted on-site native clay layer (Dames and Moore, 1982). Waste pit no. 2 received primarily dry, low-level radioactive wastes consisting

of neutralized waste filter cakes, sump cakes, depleted slag, contaminated brick, sump liquor, and concentrated raffinate residues. As with pit no. 1, decant pipes were located through the west berm. The pit holds approximately 13,000 cu yd of wastes that contain approximately 1,206,000 kg of uranium and approximately 400 kg of thorium. The waste pit has been covered with fill and graded to provide surface drainage to the clear well for subsequent discharge to the Great Miami River.

Waste pit no. 3 was constructed in 1959 by excavating into the underlying clay lens and placing a layer of clay along the pit walls (Dames and Moore, 1982). Waste pit no. 3 was operated as a settling basin from 1959 to 1968, receiving wet waste streams consisting of lime-neutralized radioactive raffinate concentrate from the Recovery Plant, the general sump, and water treatment sludges (H&R, 1986; NLO, 1985c). From 1975 to 1977, the waste pit was used to dispose of slag leach residue, filter cakes, fly ash, and lime sludges. The pit contains an estimated 227,000 cu yd of wastes, including 129,000 kg of uranium and 400 kg of thorium. The pit was retired in 1977, and fill was placed over the waste. Surface water runoff is diverted to the clear well prior to discharge to the Great Miami River.

Waste pit no. 4 was constructed in 1960 and used until May 1986. This pit was constructed similarly to pit no. 3 with a liner consisting of 2 feet of compacted clay on the sides and bottom. Waste pit no. 4 received process residues, trailer cakes, slurries, raffinates, graphite, noncombustible trash, and asbestos (H&R, 1986; NLO, 1985c). The pit contains an estimated 53,000 cu yd of waste, including more than 3 million kg of uranium and 61,800 kg of thorium.

Waste pit no. 5 was constructed in 1968 and operated from 1968 to 1983 (H&R, 1986; NLO, 1985c). The pit was lined with a 60-mil thick Royal-Seal EPDM elastomeric membrane. Occasional joint failures and tears occurred above the water line and were noticed during routine inspection at various times and ascribed to weathering effects (NLO, 1985c). The corrective action has been to re-glue the seam and patch the tears. As with pit no. 3, this waste pit received liquid waste slurries from the Refinery and the Recovery Plant, including neutralized raffinate settled solids, slag leach slurry, sump slurries, and lime sludge. The waste volume consists of approximately 102,500 cu yd, containing 50,309 kg of uranium and 17,000 kg of thorium (H&R, 1986).

Waste pit no. 6 was constructed in 1979 and operated until 1985 (H&R, 1986). Pit no. 6 was constructed in the same manner as waste pit no. 5 and lined with a similar synthetic liner. Minor tears above the water line have been observed and repaired.

Noncoarse solid wastes, including green salt, filter cakes, and process residues, containing elevated levels of uranium have been stored in the pit. Prior to March 1987, rainfall that had collected in the pit was pumped to waste pit no. 5 for settling prior to discharge via the clear well. Collected rainfall is transferred currently to nearby wastewater treatment facilities prior to discharge. The current waste volume is approximately 9,000 cu yd, which consists of 843,142 kg uranium (H&R, 1986). The capacity of waste pit no. 6 has not been reached; however, the pit is currently retired.

The burn pit was constructed in 1957 as a site to excavate clay to line waste pit nos. 1 and 2. The burn pit was subsequently used to dispose of laboratory chemicals and to burn combustible materials, including pyrophoric and reactive chemicals, oils, and other low-level contaminated combustible materials (H&R, 1986). The actual inventory of materials or chemicals that were disposed of in the burn pit is unknown. The boundaries of the burn pit are no longer discernible from covered pit no. 4 (Lechel, 1986).

The clear well receives surface runoff from the waste pit area. The clear well was used until March 1987 as a final settling basin for process flows from pit nos. 3 and 5 prior to discharge to the Great Miami River via the FMPC NPDES discharge point.

Waste Storage Silos

The waste storage silos are located south of the waste pit areas as shown in Figures 1-1 and 1-3.

The four 80-foot diameter silos were constructed with floors of 4-inch concrete over an 8-inch layer of gravel containing an underdrain system of 2-inch slotted pipe draining to a collection tank (NLO, 1985c). Below the gravel is a 2-inch layer of asphaltic concrete underlain by 18 inches of compacted clay. The walls are 8-inch thick pre- and post-stressed concrete with a 0.75-inch gunite coating on the exterior. The silos' domed roofs taper from 8 inches thick at the silo walls to 4 inches thick at the apex.

Waste raffinate slurries were pumped into the K-65 silos where the solids would settle. The clarified liquid was then decanted through valves placed along the 26-foot height of the silo wall and sent to the refinery sump. As the depth of solids reached the level of the valve, it was sealed and the next higher valve was used to decant liquids. Settling and decanting were continued in this way until the silos were filled to approximately 4 feet below the top of the vertical wall (NLO, 1985c).

From 1952 through 1959, more than 7,200 cu yd of residues resulting from the processing of pitchblende ores were disposed of in the K-65 silos (H&R, 1986). This residue contains 11,200 kg of uranium as well as radium and trace amounts of precious and heavy metals.

In 1964, the walls of the silos were covered with an earthen embankment to provide protection and structural support and to minimize direct radiation. In 1979, all obviously visible tank openings were sealed. The earthen embankment was further enlarged in 1983 to alleviate observed soil erosion on the slopes. Following identification of cracks in the center portion of the domes of the silos, protective covers consisting of prefabricated wood, neoprene, hypalon, and metal structures were placed over the domes of silos 1 and 2 (H&R, 1986).

Metal oxide tank 3 contains waste raffinate slurries that had been dewatered in an evaporator and spray calciner to produce a dry, powder-like waste. This calcined waste was pneumatically conveyed to the tank. Excess conveying air was filtered through a baghouse dust collector (NLO, 1985c). Metal oxide tank 4 remains empty.

Metal oxide tank 3 has a design similar to those of silos 1 and 2. From 1952 through 1959, more than 5,100 cu yd of calcined residues were placed in the silo. These residues contain approximately 18,000 kg uranium, some metal oxides, heavy metals, and radium.

Fly Ash Disposal Areas

The fly ash disposal areas are located southwest of the production area (Figure 1-1). Fly ash resulting from the coal-fired boiler plant is loaded into dump trucks and transported to the disposal area (H&R, 1986). The inactive, retired upper pile contains approximately 50,000 cu yd of fly ash and is sparsely covered with soil and vegetation. Approximately 1,000 kg of uranium are present from the spreading of waste oils over the fly ash to control dust. The active lower pile located southeast of the inactive site currently contains approximately 33,000 cu yd of fly ash.

The area known as the southfield is encompassed by the areas including the fly ash piles. The southfield area is directly north of the inactive fly ash pile (H&R, 1986). This area was reported to be the repository for belowground disposal of construction rubble containing low levels of radioactivity. Radiological surveys indicate that the soil in this area contains elevated levels of radionuclides (H&R, 1986).

Lime Sludge Ponds

Spent lime from FMPC Water Treatment Plant operations (lime-alum sludges and boiler plant blowdown) are conveyed to two unlined ponds for storage (Figure 1-3). Each pond is approximately 100 feet by 200 feet by 6 to 8 feet deep with a total volume of 5,000 cu yd per pond. One pond is completely filled and retired. The other is approximately 90 percent full. No hazardous materials are recorded as being received at the lime sludge ponds.

Sanitary Landfill

The FMPC sanitary landfill is located on a 3-acre tract in the northeast corner of the Waste Storage Area (Figure 1-3). The facility is organized into 17 individual cells, 5 of which are full and out of service. The 12 remaining cells are awaiting issuance of an OEPA Permit to Install. Each cell is estimated to provide approximately 2,080 cu yd of gross disposal volume. Materials that have been accepted at the facility include: nonburnable, nonradioactive sanitary wastes generated on-site (20 cu yd/wk); and nonradioactive construction-related rubble (variable quantity). Small quantities of nonradioactive asbestos are also deposited in the facility.

1.2 DEVELOPMENT OF THE CHARACTERIZATION INVESTIGATION STUDY (CIS)

1.2.1 General Background

As part of the comprehensive waste management and environmental program for the FMPC, specific alternatives are being developed and evaluated for the final disposition of the low-level waste inventory currently stored at the site. These objectives are being implemented through the sitewide RI/FS and the Environmental Impact Statement currently being developed by the Department of Energy. Selected investigations of approximately 100 acres within the Waste Storage Area were initiated to provide data and information for the RI/FS and EIS. These site characterizations are collectively referred to as the Characterization Investigation Study (CIS). The study consists of the assessment of existing data and reports, development of a detailed work plan, performance of field investigations, data interpretation and analysis, and final reporting. The following subsections provide a brief description of each of the investigations.

1.2.2 Evaluation of Current Situation

The Evaluation of Current Situation (Roy F. Weston, Inc., 1986a) consists of seven sections that in their entirety describe the

present situation as it is known from obtainable records, previous studies and monitoring data, and conversations with plant personnel. Section 2, Site Background, presents a general description of the regional and site environments organized into traditional categories such as geology, soils, groundwater, water quality, flora and fauna, land use, population, etc., and indicates the limitations of present knowledge. Section 3, Nature and Extent of Problem, describes the production process, waste management operations and facilities, waste composition and distribution, and an evaluation of environmental and public health risks associated with the existing situation. Section 4, History of Response Actions, includes descriptions of past remedial measures performed in the Waste Storage Areas. Section 5, Definition of Boundary Conditions, sets the outer geographic limits of the characterizations based on present knowledge. Section 6, Site Topographic Mapping, describes the types of maps that will be available for the project as well as the grid system to be used for position location. Section 7, Preinvestigation Evaluation, identifies potential disposal categories that are likely to be considered and is used to ensure that the data collected in the characterization are sufficient for engineering evaluations.

1.2.3 Support Documentation

Support Documentation (Roy F. Weston, Inc., 1986b) contains nine sections that in their entirety form the planning basis for site characterization activities at the Waste Storage Area. Their intent is to fully document the why, what, where, and how of the investigations to be performed. Sections 2 through 5 comprise the environmental sampling plans that present the rationale and procedures to be used in the field. The chemical and radiological characteristics of the wastes will be defined, as well as any contamination that may have migrated into selected environmental pathways. Section 6 presents the Health and Safety Plan, the implementation of which will ensure that the studies will be conducted in a manner that ensures worker and public protection. The QA/QC Plan, contained in Section 7, is intended to ensure and to control the proper collection of data. Section 8 presents the series of activities and methods that will be used to keep the public informed as these studies progress. The Data Management Plan, in Section 9, describes how the data are to be reviewed, collected, stored, analyzed, and reported.

1.2.4 Characterization Reports

The principal objective of the Geophysical Survey (Roy F. Weston, Inc., 1987a) was to provide information to optimize placement of soil borings and groundwater monitoring wells for the CIS and the RI/FS. An additional objective of the survey was to identify the location of buried steel tanks and drums.

The presence of drums possibly containing hazardous or radioactive waste material presents a potential safety hazard to drilling operations. Three separate techniques were used:

- Magnetics, to identify areas containing relatively large concentrations of buried ferrous metal.
- Electromagnetic Terrain Conductivity (EM), to locate areas of anomalous electrical conductivity produced by buried metal debris or groundwater plumes.
- Ground Penetrating Radar, to locate pit boundaries and to verify indications of buried metal objects and buried pipelines.

Chemical and Radiological Analysis of Waste Pits (Roy F. Weston, Inc., 1987b). Three to 12 vertical samples were taken from each of pit nos. 1 through 6, burn pit, clear well, lime sludge ponds (2), sanitary landfill, and fly ash piles (2). In the pits containing standing water, water samples were taken in addition to the underlying sediments, which were sampled at 20-inch increments to the bottom of the pit. The other pits were sampled at 24-inch increments from the surface to the bottom. Each vertical sample was composited and sent to laboratories for chemical and radiological analysis. Chemical analyses included RCRA characteristics and constituents designated on EPA's Hazardous Substance List. Pit no. 4 samples received a more extensive series of analyses -- those found in Appendix IX. All analyses followed protocols established by EPA's Contract Laboratory Program (CLP). Radiochemical analyses included: U-234, U-235, U-238, Th-228, Th-230, Th-232, Pu-238, Pu-239/Pu-240, Tc-99, Sr-90, Ru-106, Np-237, Cs-137, and Ra-226. Ra-228 and Pb-210 were included for samples from the fly ash piles. In addition, each increment of each sample was processed through the on-site gamma spectroscopy laboratory to evaluate the vertical distribution of selected gamma-emitting radionuclides in the pits.

Selected samples were processed on-site for standard engineering properties, but are not included in this report.

Radiological Characterization of Surface Soils in Waste Storage Area (Roy F. Weston, Inc., 1987c). A systematic survey of the surface soils throughout the Waste Storage Area, associated on-site drainages, and the fly ash piles was conducted over a 10-month period. A 50-foot grid was established using standard surveying techniques. Measurements were taken at each grid node using a Field Instrument for Detecting Low-Energy Radiation (FIDLER). The area within the grid was also scanned, and when elevated readings were encountered, measurements were made along

a finer grid (6.25 ft x 6.25 ft). Approximately 24,400 locations were surveyed to locate areas where the concentrations of uranium exceeded 35 pCi/g. Soil samples down to 18 inches deep were taken at those locations and sent to the on-site gamma spectroscopy laboratory where estimations of radionuclide concentrations were made for U-238, Ra-226, Th-232, Cs-137, and Ru-106. In addition, measurements were made of the beta-gamma dose rate at 50-foot intervals in the study area, and the exposure rate due to penetrating gamma radiation was determined in all work areas. The data from this surface radiological characterization may be compared to that obtained at 15 background stations located in the vicinity of FMPC, but at distances large enough to be free of influence from site activity.

SECTION 2

DESCRIPTION OF METHODS

Sampling and analytical methods for the characterization of surface soils are presented in this section in a descriptive format to provide a general understanding of how these activities were performed and to assist the reader in understanding the data presented in Section 3. Detailed written procedures for all activities can be found in Site Characterization of the Waste Storage Areas, Part 2, Vols. 1 and 2, Support Documentation (Roy F. Weston, Inc., 1986b).

2.1 RADIATION MEASUREMENT AND SAMPLING METHODS

Descriptions of the radiation measurement instruments and surface soil sampling methods used during the surface radiological characterization are included in this section. In addition, the general field procedures used at the FMPC are described along with the analytical techniques used to assay the soil samples for radionuclide concentration. A detailed description of all procedures may be found in Part 2, Volume 1 of the Support Documentation (Roy F. Weston, 1986b).

2.1.1 Exposure Rate Measurements

Exposure rate measurements were made at approximately 146 locations in and around the Waste Storage Area. These measurements were made using one of several instruments. The primary instrument used was a Reuter Stokes Model RS-111 pressurized ionization chamber (PIC). This instrument has a response proportional to exposure in Roentgens over a wide energy range. It was used to field calibrate a portable scintillation detector (Eberline SPA-3). The PIC was set to average the exposure rate over 10 minutes at a height of 3 feet (1 meter) above the ground. The exposure rate in microR/hr was documented by the technician on the gamma-ray exposure rate logbook form.

The Eberline SPA-3 is a 2-inch by 2-inch NaI crystal detector. To make the exposure rate measurements, the detector was coupled to an Eberline PRS-1 ratemeter/scaler. Measurements were made at approximately 3 feet above the ground. The reading was taken for 1 minute and the count rate reported in the gamma-ray exposure rate logbook form. Count rates from the SPA-3 were then correlated to the exposure rate determined from those locations where the PIC measurements (microR/hr) were made with the SPA-3 measurements. This correlation was applied to the remainder of the SPA-3 measurements.

In locations above 100 microR/hr, exposure rate measurements were made with an Eberline Model HP-270 energy compensated GM probe. This probe was coupled to an Eberline Model PRS-1 ratemeter/scaler. The energy response of this detection system is similar to that of the PIC. Calibration of count rate to microR/hr was done at the TMA/Eberline calibration laboratory in Albuquerque, New Mexico. The HP-270 measurements were made at 3 feet above the ground. Readings were taken for 1 minute and the count rate reported on the gamma-ray exposure rate logbook form.

2.1.2 FIDLER Measurements

The FIDLER is an acronym for Field Instrument for Detecting Low-Energy Radiation. This detector consists of a 5-inch diameter, thin window (0.063 inch) sodium iodide (NaI) crystal optically coupled to a quartz light pipe and installed in a standard 5-inch probe housing. The FIDLER probes used during the CIS were the Bicron Model G5. To perform the measurements, the FIDLER was coupled to an Eberline Model PRS-1 ratemeter/scaler. The PRS-1 was used with the window open (gross mode) and was operated with a high voltage of approximately 1,125 volts. The PRS-1 threshold was set at approximately 60 keV using a small Am-241 source positioned near the FIDLER probe. This instrument was used at the FMPC to detect the 63 keV photons from Th-234 of the U-238 decay chain. To ensure reproducibility of measurements, the response of this instrument was checked each morning before work, at the lunch break, and at the end of the day. Results were documented on standard forms.

The FIDLER was used during the CIS to perform systematic standing measurements on the ground surface at 50-foot grid intersections (FIDLER grid measurements). Following these measurements, each 50-ft by 50-ft grid block was subdivided into four quarters, each 25 ft by 25 ft. These subdivided blocks were scanned for anomalous radioactivity concentrations (FIDLER scan measurements). When subgrid blocks having these anomalies were noted, standing measurements were taken on the ground surface at 6.25-ft intervals (FIDLER on-surface measurements). Each of these measurement procedures is discussed below.

During the course of the CIS there were 2,354 FIDLER grid measurements taken. The objective of these measurements was to provide a count rate that, when correlated to the concentration of U-238 (in the upper 2 inches of soil) in an initial set of samples, would guide the soil sampling at locations where U-238 concentrations exceeded 35 pCi/g. It must be noted that the responses of the FIDLER to radioactivity in soil are site-specific and governed by several variables. At the FMPC, these

included the presence of radionuclides other than uranium, a layer of clean soil between a subsurface deposit of uranium and the ground surface, and nearby sources of radioactivity such as radon in the air, radium in storage pits, or gamma rays emanating from the radium-bearing residues in the K-65 silos or the Th-232 storage facility at Plant 1. Therefore, the correlation factors developed in the field can only be considered an estimate and serve primarily as an indicator for the need to perform soil sampling, with subsequent gamma-ray spectral measurements or radiochemical analyses. The FIDLER grid measurements were made by placing the detector on the ground surface and making a 1-minute count. The count was then recorded on the FIDLER grid measurement logbook form. This was repeated at each grid node in the study area. Approximately 10 percent of the measurements were duplicated in order to provide an assessment of the reproducibility of the data.

After completion of the FIDLER grid measurements, each grid block was subdivided and scanned with the FIDLER. A total of 3,802 25-ft by 25-ft grid blocks was scanned. These qualitative measurements were performed to identify regions within individual grid blocks that exhibited elevated radioactivity. The measurements were taken by setting the PRS-1 to integrate FIDLER counts for a 1-minute counting period. Each technician was trained to walk and scan a 25-ft subdivided grid in that time. The scans started at one corner of the grid block and progressed in a serpentine pattern over the entire area. The technician recorded each integrated count on the FIDLER scan measurement logbook form. The PRS-1 was equipped with headphones, and the technician listened to the audible signal. When a grid block having an increased audible signal was detected, a mark was made on the FIDLER scan measurement logbook form to indicate the probable presence of a hot spot somewhere in that grid block. This grid was then further characterized by making FIDLER on-surface measurements since, during the scanning measurements, no effort was made to pinpoint the location of hot spots.

The technician listening to the audible count rate FIDLER scan measurements identified approximately 1,700 grid blocks as having elevated radioactivity. Each of these was further subdivided into 6.25-ft subgrids. At each grid node, FIDLER on-surface measurements were taken by placing the detector on the ground surface and making a "C" scale count. The PRS-1 is equipped with a microprocessor that calculates a count rate by timing the arrival of preset numbers of events. The "C" scale setting was used to integrate 1,000 counts. At the end of this integration, a digital reading in counts per minute was displayed in the instrument window.

There were 15,912 FIDLER on-surface measurements made during the course of the CIS. Each of these measurements was correlated to U-238 activity concentration, and soil samples were taken when the estimated U-238 concentrations exceeded 35 pCi/g. The field estimates of U-238 concentrations were not exact and were influenced by the presence of other gamma-emitting radionuclides either in the soil or in nearby storage facilities. This correlation was not used in certain areas because of the presence of gamma radiation from nearby sources. The measurements were accurate enough to indicate elevated radioactivity in the soil and provide direction for the location of soil sampling.

2.1.3 Beta-Gamma Dose Rate Measurements

The beta-gamma dose rate measurements were made with an Eberline Model HP-210T probe that housed a pancake-type thin window Geiger Mueller (GM) detector. This probe was coupled to an Eberline Model ESP-1 ratemeter/scaler. The GM tube used in this probe has a fragile window with a thickness of approximately 1.4 to 2.0 mg/sq cm. For protection, and to reduce the detector's sensitivity to alpha particles, a double layer of aluminized mylar was placed between the GM tube and a protective wire grid that covers the 15 sq cm probe window. The upper hemisphere of the HP-210T probe includes tungsten metal to shield the detector from nearby radiation. The ESP-1 was operated with a high voltage of approximately 900 volts. Beta-gamma dose rate measurements were made systematically at each 50-foot grid node. The measurements were qualitative in that no correlation was made with U-238 activity concentration. The measurements were used to provide supplemental radiation data to verify the presence of anomalous radiation as determined during the FIDLER grid measurements. In addition, the HP-210T provided verification data of anomalous radioactivity at locations where air-scattered gamma rays caused an increased bias in the FIDLER measurements. The beta-gamma dose rate measurements were made by setting the probe on the ground surface and making a 1-minute count. The counts were recorded in the beta-gamma measurement field notebook form. The count rate was then converted to dose rate (mrad/hr) using the correction factor supplied by TMA/Eberline.

2.1.4 Surface Soil Sampling Methods

The surface soil sampling procedures used for the CIS followed the techniques outlined in the DOE report GJ/TMC-13 UC-70, Procedures for Sampling Radium-Contaminated Soils (1985). These techniques included the use of "ring" samplers and stainless steel trowels to obtain surface samples down to 6 inches. Below this depth, the technicians used trowels and post-hole samplers

to sample down to a depth of 18 inches. Before surface samples were collected, a gamma-ray measurement was made on the surface using a FIDLER. An Eberline SPA-3 scintillation probe was used in the fly ash area because of the steep slopes that were encountered. If elevated radioactivity was detected, then a 0- to 2-inch sample was taken, followed by a 2- to 6-inch sample. The 0- to 2-inch sample was taken to develop the field correlations of U-238 activity concentrations to FIDLER count rates. The 0- to 2-inch interval was used because the Th-234 63 keV photon is attenuated below 2 inches. For this report, the 0- to 2-inch and 2- to 6-inch activity concentration results were mathematically composited to give a 0- to 6-inch sample interval for reporting in the graphics. After the samples were collected to 6 inches, a probe was placed in the cavity and another measurement was made. If the resulting radiation level was higher than one would expect due to the change in detector-soil geometry, an intermediate depth sample (6 to 12 inches) was collected. This was repeated, as needed, to a depth of 18 inches. In a few cases an 18- to 24-inch layer was sampled. Care was taken to prevent cross contamination between layers. After each sample was taken, the hole was enlarged before continuing downward. Initially the FIDLER probe was used to monitor intermediate soil layers. Because of the diameter (9 inches) of the FIDLER housing, too much time was required to enlarge the hole for successive depth readings, and the smaller (2.5-inch) SPA-3 probe was used.

When the sample was taken, it was placed into a plastic bag and homogenized. An aliquot from the bag was then sealed into a 477-ml plastic jar. The sample container was then labeled, and the sample number, location, date, time, technician, depth, chain-of-custody laboratory location, and significant comments were recorded in the surface soil sample logbook.

2.2 RADIATION MEASUREMENTS AND SAMPLING LOCATIONS

2.2.1 Survey Grid and Coordinate System

A radiation measurement and sampling grid was constructed throughout the study area by having a licensed surveyor locate perpendicular lines at 100-foot intervals from an established monument. Fifty-foot and smaller subgrids were filled in by field personnel using cross taping with measuring tapes. All grid nodes were marked with pin flags. The areal extent of the grid can be seen in Figure 2-1.

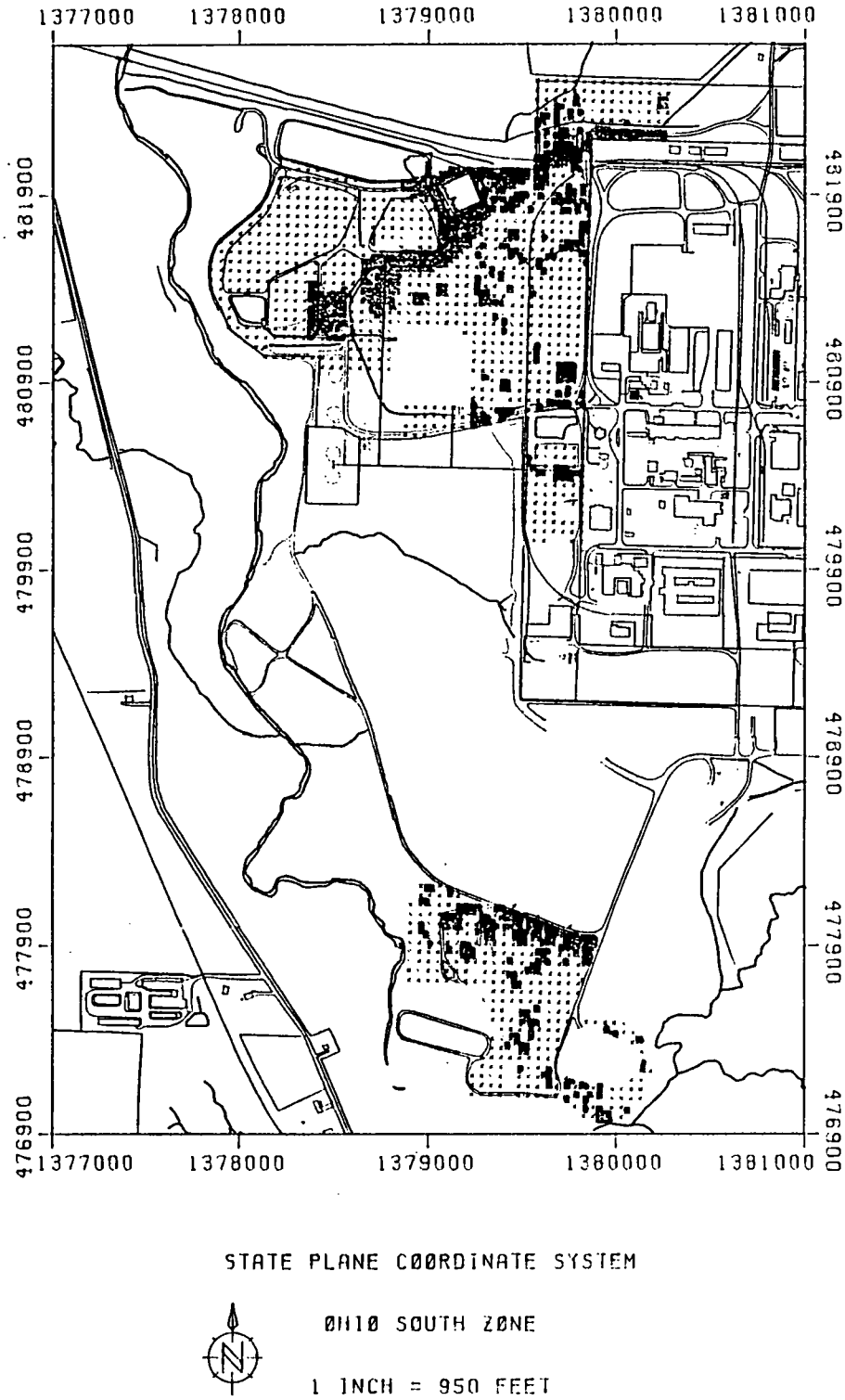


FIGURE 2-1 GRID LOCATION

The field data were collected in reference to the FMPC local coordinate system for ease of recording. These coordinates were later converted into global state plane coordinate values by using the following equations:

East Coordinate = 1,376,578.563 + EF (COS A) - SF (SIN A)
North Coordinate = 428,784.678 - EF (SIN A) - SF (COS A)

Where:

EF is the local east coordinate.
SF is the local south coordinate.
A is the angle of rotation, 1 34' 04".

2.2.2 Logistic Support Locations

Two logistic support trailers and the gamma spectroscopy laboratory were established immediately west of pit no. 5, outside of the waste storage boundary fence. The support trailers and laboratory locations are depicted in Figure 2-2. These locations were chosen because of their close proximity to the west gate leading into the storage areas, for the near-background gamma radiation levels (needed for laboratory operation), and for the access control requirements of personnel entering the work areas.

2.2.3 Background Study Locations

Background radiation measurements were taken and baseline soil sampling was performed at 15 locations upwind from the FMPC as determined by the wind rose in the FMPC Environmental Monitoring Report (1986). The radiation measurements consisted of FIDLER count rate and exposure rate measurements. In addition, surface (0- to 6-inch) soil samples were taken for analysis of background radioactivity concentrations. These included: isotopic uranium, isotopic thorium, isotopic plutonium, Ru-106, Cs-137, and Ra-226. Table 2-1 presents the location descriptions of the background radiological study.

2.2.4 Exposure Rate Measurement Locations

Figure 2-3 presents the 146 locations where exposure rate measurements were made. These locations include several measurements near the upper and lower fly ash piles and measurements in an area along the west production area perimeter fence. The measurements along this fence were made to characterize the air-scattered gamma rays emanating from either the drum storage area or the Th-232 storage facility. Several measurements were taken near the perimeter fence of the K-65 silos. The remaining measurements were taken at various locations throughout the Waste Storage Area.

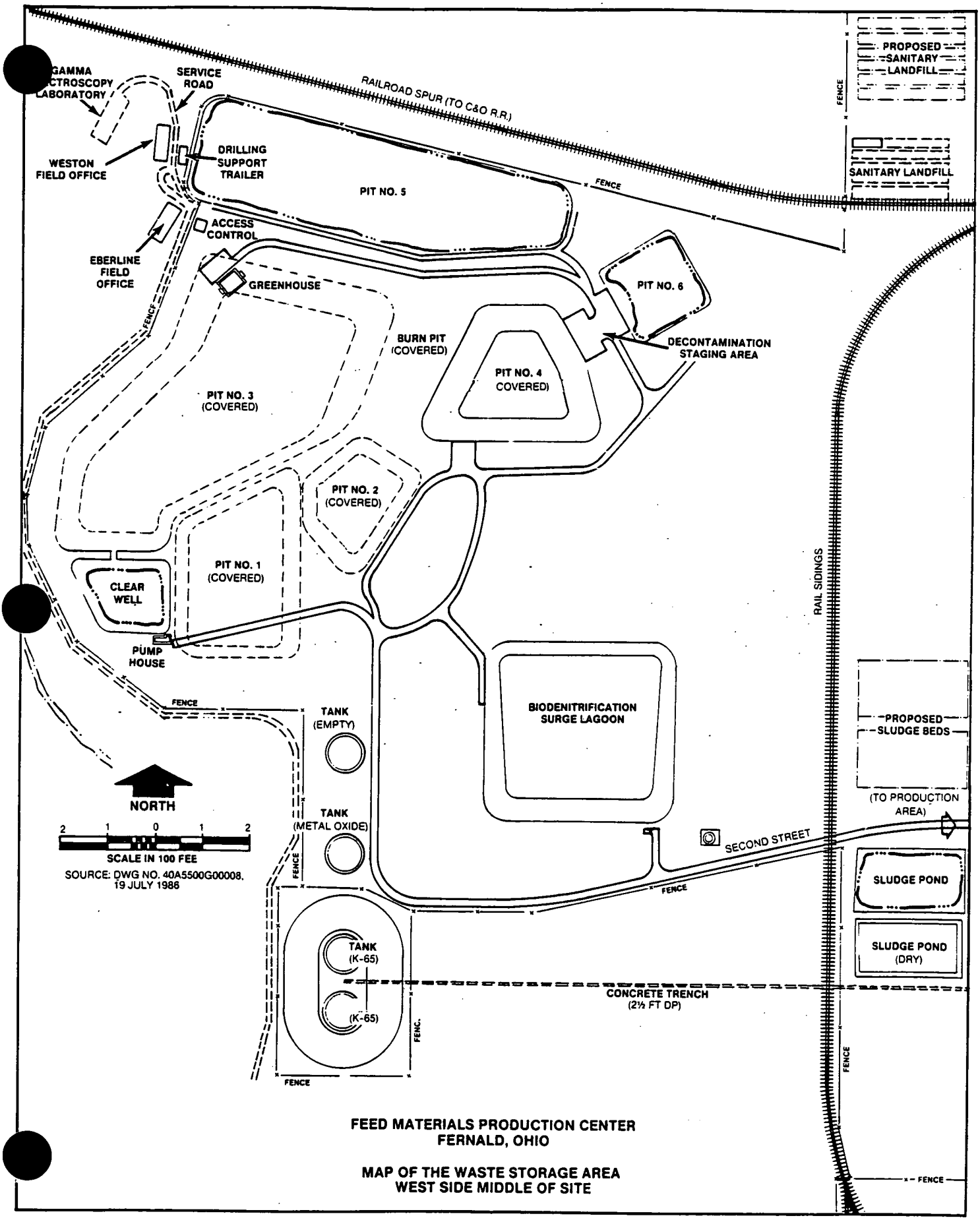


FIGURE 2-2 LOGISTICS SUPPORT LOCATIONS

Table 2-1

Locations of CIS Background Radiological Study

Location Number	Location Description	State Plane Coordinates	
1	Staked location is 23 feet north of Bell Telephone Post 2934.	497,350	1,377,530
2	Staked location is across open field from barn on north side of small creek. Location is 185 feet NNE from the NE corner of barn.	501,880	1,373,770
3	Staked location is 58 feet NNW from NW corner of garage.	490,750	1,356,230
4	Staked location is 68 feet south from the SE corner of the barn.	491,950	1,360,730
5	Staked location is 100 feet west of SW corner of pond and 21 feet NW of tree marked "No Trespassing."	479,060	1,359,710
6	Staked location is 50 feet NE of Power Pole 143 H/176 E.	468,450	1,371,200
7	Staked location is 100 feet west of Walnut Hollow Picnic Area sign, across the access road.	464,950	1,362,410

Table 2-1
(continued)

Location Number	Location Description	State Plane Coordinates	
8	Staked location is 11 feet NW of tree in front area of house.	453,280	1,371,560
9	Staked location is 95 feet north of septic tank in back yard.	456,960	1,365,680
10	Staked location is 21 feet west of Walnut Hollow Picnic Area sign, across the access road.	461,190	1,380,800
11	Staked location is 32 feet east of tree in back yard.	462,450	1,389,100
12	Staked location is 7 feet west of tree in back yard.	461,180	1,385,830
13	Staked location is 125 feet behind garage.	471,840	1,347,250
14	Staked location is 15 feet south of marked fence post behind house.	476,690	1,395,070
15	Staked location is 95 feet from SW corner of house.	482,420	1,400,340

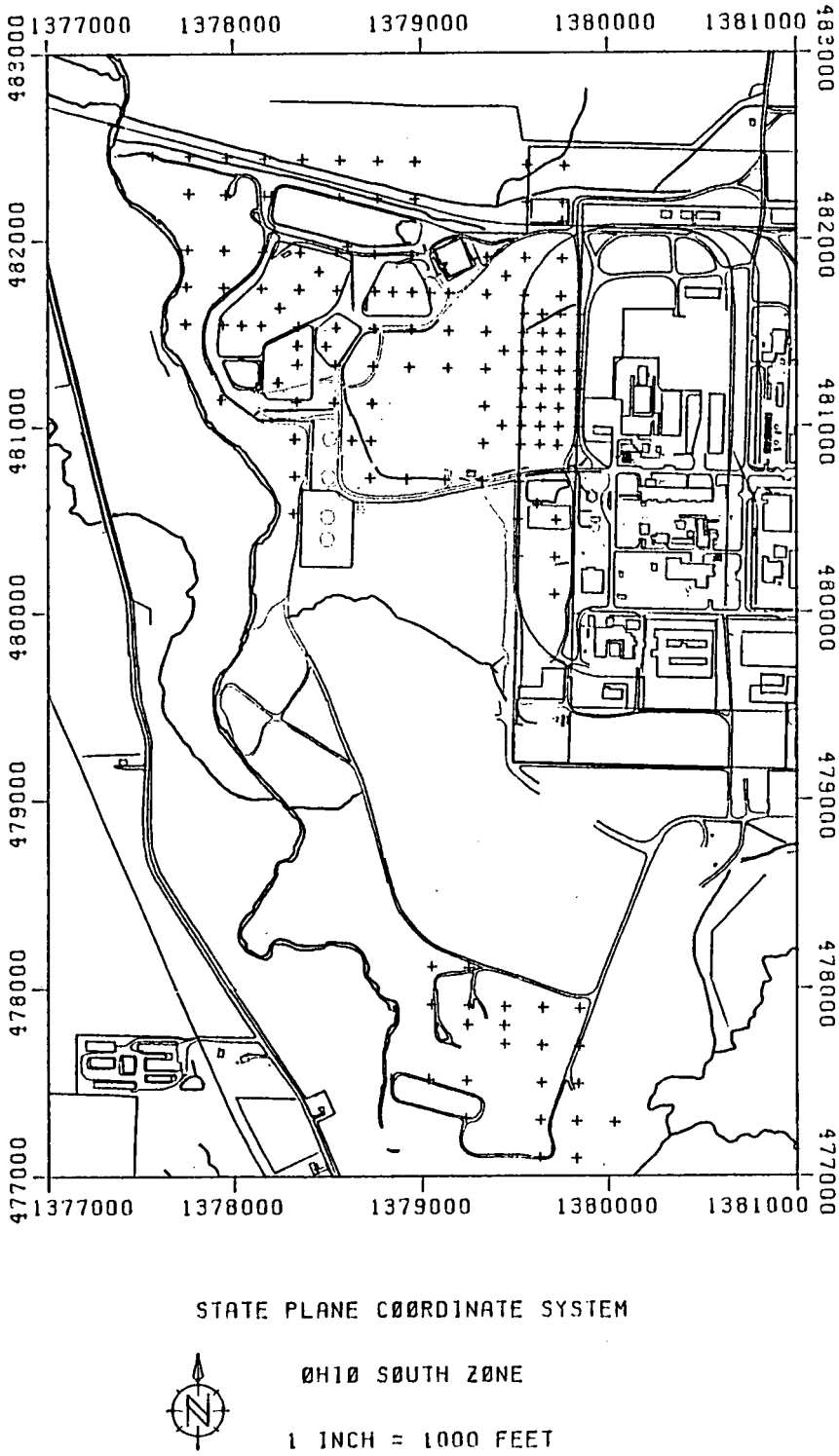


FIGURE 2-3 EXPOSURE RATE MEASUREMENT LOCATIONS

2.2.5 FIDLER Measurement Locations

Figure 2-4 presents the locations where FIDLER grid and FIDLER on-surface measurements were made. The shaded areas represent 6.25-foot grid spacings where the 15,912 FIDLER on-surface measurements were made. The even spaced x-marks show the 2,354 locations where FIDLER grid measurements were made. Approximately 3,802 FIDLER scan measurements were made within the grid blocks of the FIDLER grid measurement locations.

2.2.6 Beta-Gamma Dose Rate Measurement Locations

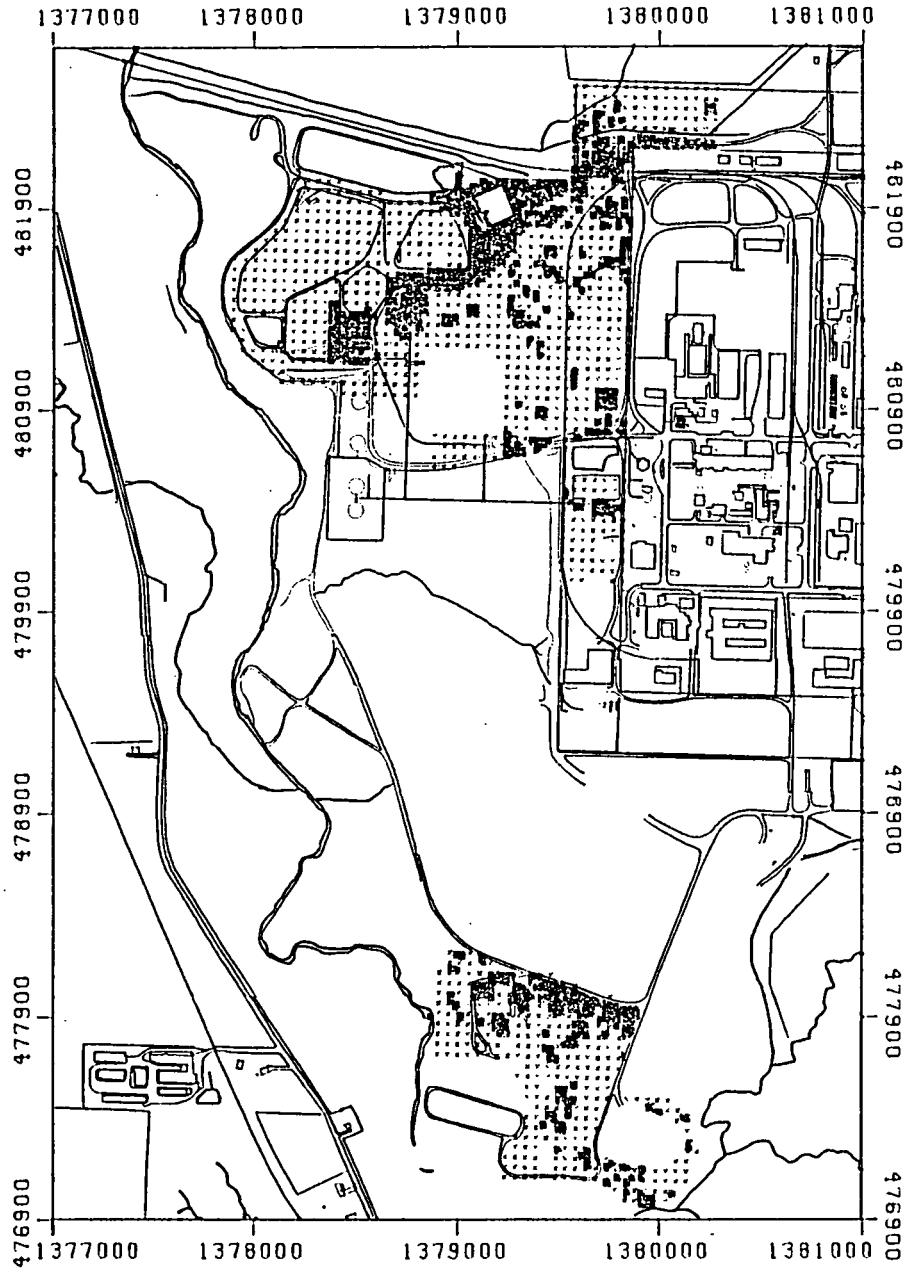
Figure 2-5 presents the 2,300 locations were beta-gamma dose rate measurements were taken with the HP-210T Geiger Mueller detector. The measurements were taken on even 50-foot grid spacings over the waste storage areas and upper fly ash pile.

2.2.7 Locations of Surface Soil Sampling

During the course of the CIS, approximately 2,500 surface (0- to 6-inch), near-surface (6- to 12-inch), and deep (12- to 18-inch) soil samples were taken. Waste storage area soil sampling locations are presented in Figure 2-6. These locations, which include systematic 100-foot samples taken along the east perimeter fence and east of silo 4, had high gamma-ray contributions to FIDLER measurements from air-scattered photons that created an increased bias in the FIDLER count rate results. In addition, surface and near-surface soil samples were taken throughout the Waste Storage Area where FIDLER count rate measurements correlated to field estimates of U-238 activity concentrations exceeding 35 pCi/g.

The surface and near-surface soil sampling locations for the upper and lower fly ash areas are presented in Figure 2-7. These samples were taken at locations where FIDLER count rate measurements correlated to field estimates of U-238 activity concentrations exceeding 35 pCi/g. In addition, samples were taken along the steep berm on the southern perimeter of the upper fly ash area where gamma-ray measurements, taken with a scintillometer (SPA-3), were statistically greater than background, i.e., greater than 3 standard deviations above background.

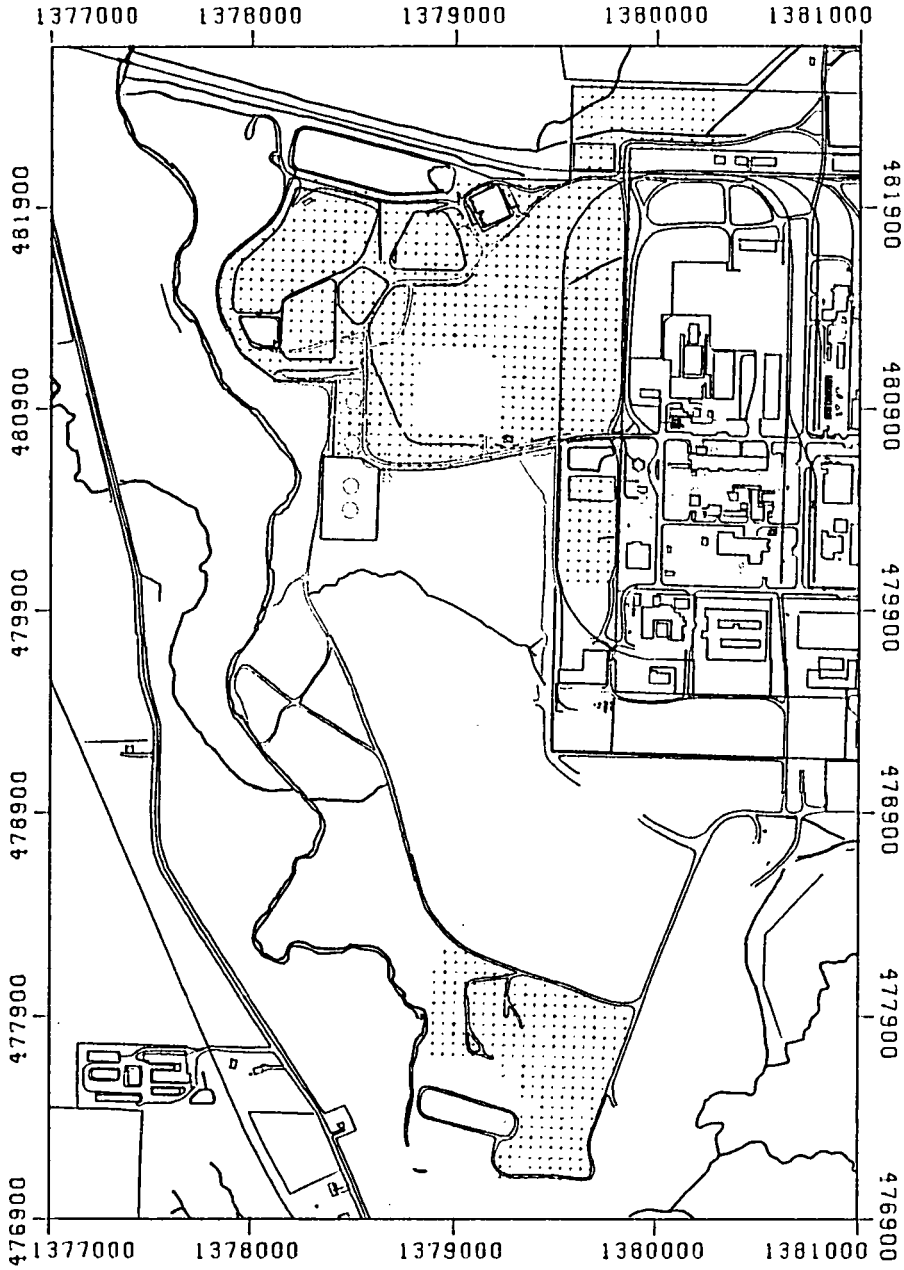
The K-65 slurry line soil sampling locations are presented in Figure 2-8. These locations represent systematic 25-ft spacings on either side of the trench, systematic 100-ft spacings at locations east of the silos, and at various locations where audible gamma-ray count rate data indicated surface radium anomalies. Systematic sampling was performed along the slurry line.



X - FIDLER GRID MEASUREMENTS

STATE PLANE COORDINATE SYSTEM
OHIO SOUTH ZONE
1 INCH = 950 FEET

FIGURE 2-4 FIDLER MEASUREMENT LOCATIONS



STATE PLANE CØØRDINATE SYSTEM

ØHIØ SØUTH ZØNE

1 INCH = 950 FEET

FIGURE 2-5 BETA GAMMA DOSE RATE MEASUREMENT LOCATIONS

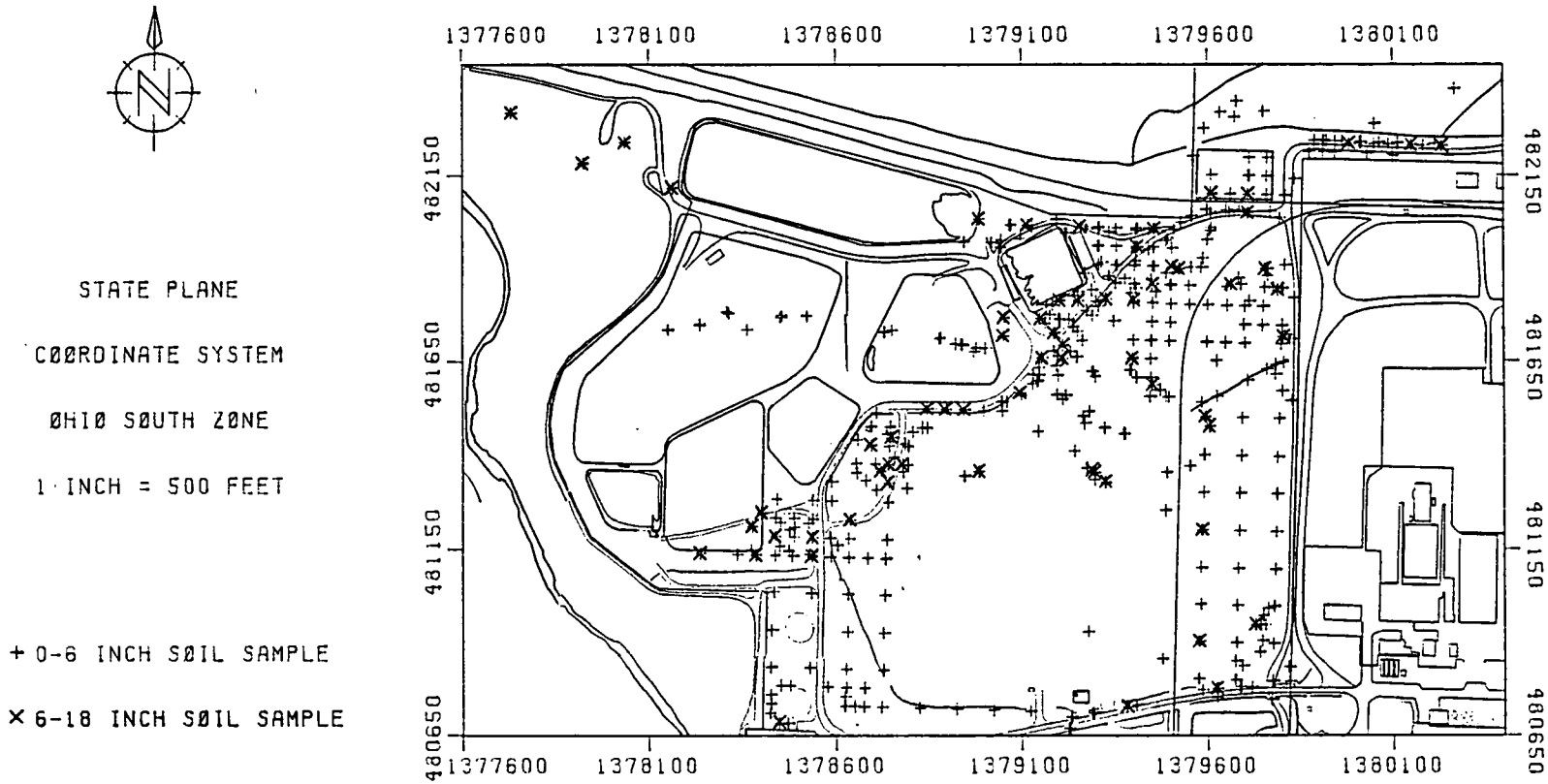


FIGURE 2-6 WASTE STORAGE AREA SOIL SAMPLING LOCATIONS

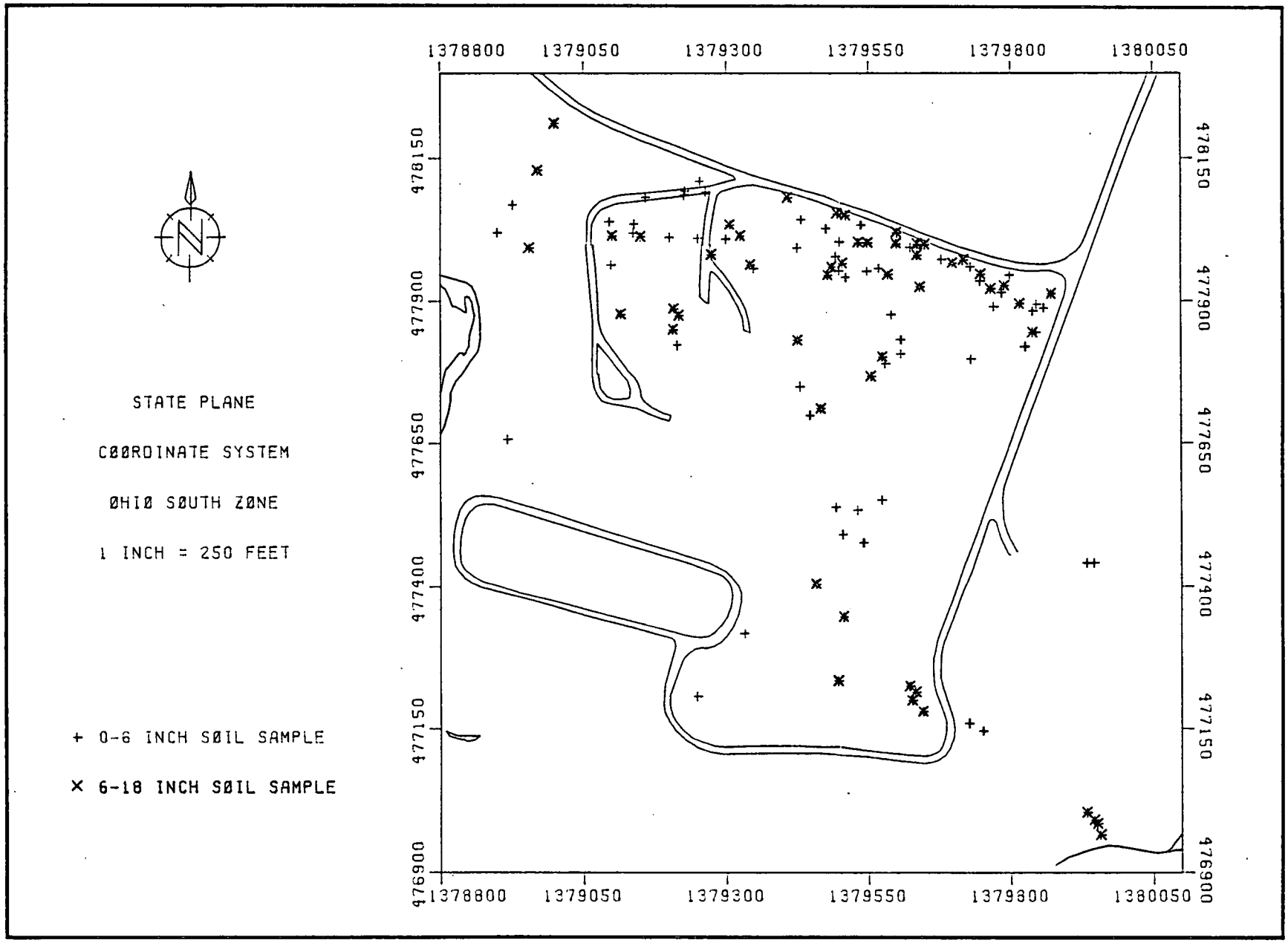


FIGURE 2-7 FLY ASH AREA SOIL SAMPLING LOCATIONS

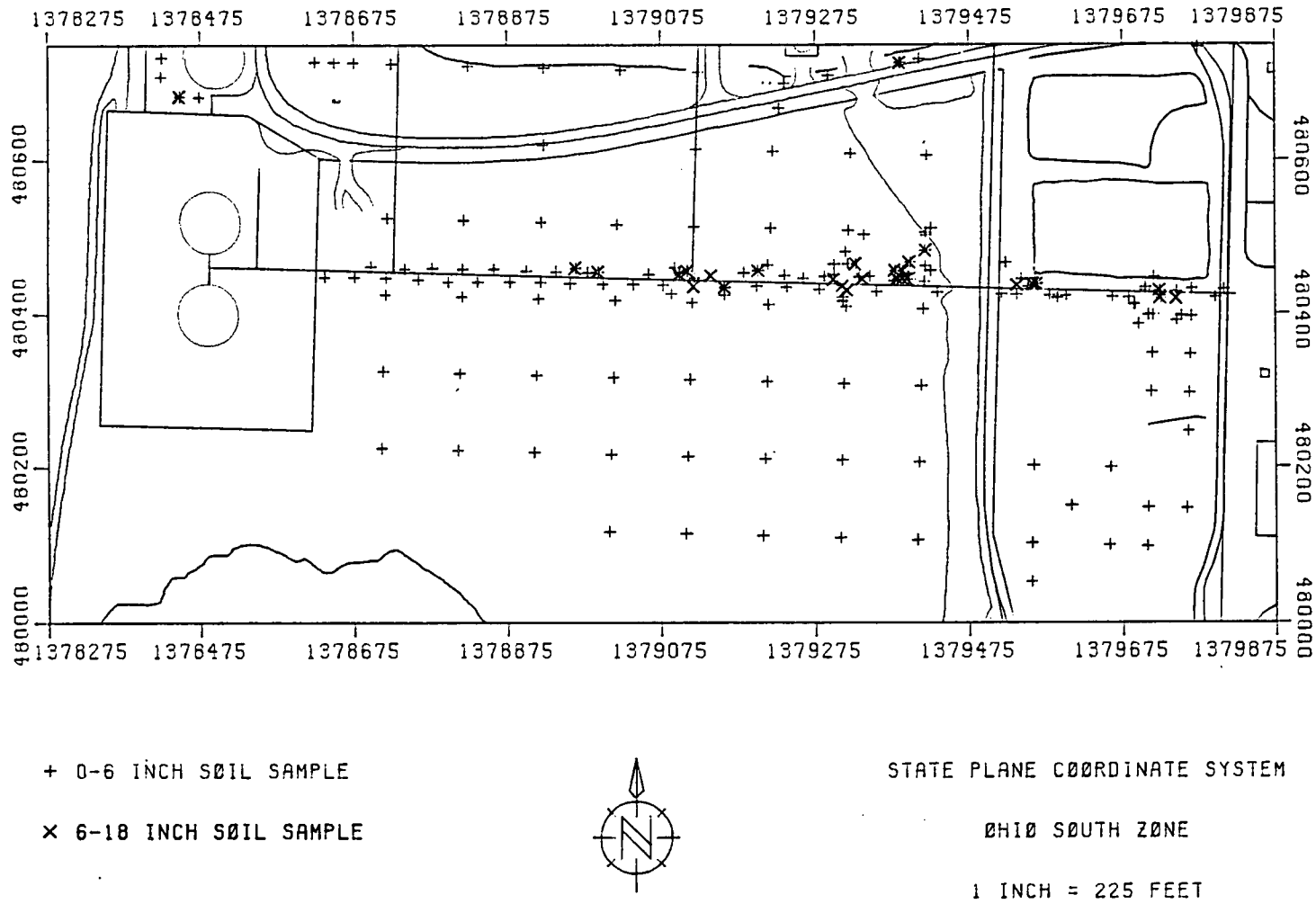


FIGURE 2-8 K-65 SLURRY LINE SOIL SAMPLING LOCATIONS

2.2.8 Sample Designation

A code system was used to identify various information concerning each sample taken during the course of the field investigation. This identification included:

- Project Identification - FMP was used to designate the Feed Materials Production Center.

- Sample or Measurement Type and Location - A two-letter designation following the project identification code.

  The sample types and corresponding codes for this investigation consist of the following:

  SS - Surface soil samples (0- to 2-inch and 0- to 6-inch).

  SL - Intermediate soil samples (6- to 12-inch and 12- to 18-inch).

  SD - Surface sediment samples.

  A two-digit designation, used following the sample type code, indicated the sample location. These two-digit designations are presented in Table 2-2.

- Sample Number - A three-digit code was used to consecutively number samples taken for each sample type.

  For example, FMP-SS-46-001 designates the first surface soil sample taken from the general waste storage area at the Feed Materials Production Center.

2.3 ANALYTICAL TECHNIQUES

2.3.1 Gamma-Ray Spectrometry

For the radiological characterization of the surface and near-surface soils, the on-site laboratory was used to analyze all samples. The data were used to assess the areal extent of radioactivity and to provide data needed to ship the samples chosen for radiochemical analysis off-site.

The detector for the on-site gamma spectrometry system consisted of a high purity germanium crystal (Type N). This detector, manufactured by Princeton Gamma Tech, had an efficiency of approximately 22.5 percent relative to the 1.33 meV Co-60 photon at a 25-cm source-to-detector distance (compared to the efficiency of a 3-inch by 3-inch NaI crystal). The detector used on-site was equipped with a 0.020-inch beryllium window.

Table 2-2

Two-Digit Designations for Identifying Sample Measurement Locations

Sample/Measurement Location	Origin Location		Two Digit Code
Pit no. 1			01
Pit no. 2			02
Pit no. 3			03
Pit no. 4			04
Pit no. 5			05
Pit no. 6			06
Burn pit			07
Clear well			08
Drainage swale N of pit no. 5, N of R.R. tracks	S412	E3886	21
Wetlands W of waste storage			22
Slurry line to K-65	S2274	E3300	23
Upper fly ash piles			24
Lower fly ash piles			25
Drainage swale N of pit no. 5, S of R. R. tracks			26
Drainage S of and adjacent to pit no. 5	S778	E2441	28
Drainage S of pit no. 5 and W of pit no. 4	S806	E2274	29
Drainage W of production area	S1044	E3281	30
Drainage W of production area, at guard shack	S1908	E3290	31
Drainage W of production area by lime sludge pond	S1938	E3300	32
Drainage S of slurry line	S2432	E3269	33
Drainage at railroad by S gate	S1978	E2966	34
Drainage W of biodenitrification lagoon	S1693	E2176	35
Drainage E of pit no. 4 on E side of road	S959	E2613	36
Drainage S of pit no. 6	S989	E2634	37
Drainage S of pit no. 5, E of greenhouse	S777	E1897	38
Drainage E of pit no. 4 at decontamination pad	S942	E2514	39
Drainage from production area W of new UF-4/UF-6 plant			40
Drainage W of UF-4 plant			41
Drainage W of railroad from UF-4 building			42
Drainage W of lime sludge ponds, S of slurry line			43
Drainage S of slurry, E of K-65 silos			44
Special, off-site background measurements			45
General area of waste storage			46
North lime sludge pond			47
South lime sludge pond			48
Sanitary landfill			49
Drainage separating upper fly ash pile from running track			52
Drainage along N & W sides of upper fly ash pile			53
Decontamination pad			54

The combination of this thin window and the Type N germanium made the detection system well suited for photons having energy as low as 20 keV. The detector was installed in a shield fabricated on-site using lead brick. The lead was stacked carefully on a welded steel platform and positioned high enough above the floor so that the detector's source of liquid nitrogen could be placed beneath the shield. The side walls of the lead shield were 4 inches thick, and the top and bottom were both 2 inches thick. This resulted in a 1-cu ft counting cavity. Access to the detector was provided by a 2-inch thick graded sliding door on top of the shield. All internal surfaces were covered with a layer of cadmium and copper, each with a thickness of 0.060 inches. The grading of this shield with these materials provided for the attenuation of low-energy, back-scattered X-rays from the lead.

Signals from the germanium crystal were routed through a circuit of standard electronic components, with eventual storage of pulse signals in a multichannel scaler (MSC). The data in the MSC were analyzed using data reduction software, developed by Quantum Technology, with which isotopic identification was accomplished through a comparison of computer-fitted photopeaks with a customized radionuclide library. This library was designed based on the radionuclides identified during the review of historical FMPC documents for the development of the CIS work plan.

Linearity of the gamma-ray spectrometry system as a function of energy was determined by using isotopic sources of Co-57 and Co-60, with respective gamma-ray energies of 122 and 1,332 keV. Only the 1,332-keV line from Co-60 was used to check system linearity at higher energy levels. System gain was adjusted so that the energy per channel was approximately 0.64 keV. With this setup, the 2.61-meV gamma ray from Tl-208, the most energetic gamma ray in existing primordial radionuclides, could be found near channel 4,050. Further verification of the energy scale was accomplished by monitoring the calculated energy of known gamma rays in uranium ore standards. The spectrometer was calibrated by counting a uranium standard certified by the New Brunswick Laboratory and by assigning values to observed photopeaks based on known concentrations in the standard. This standard contained 0.01 weight percent uranium with Ra-226 adjusted to be in secular equilibrium with the uranium. The reported U-238 activity concentration of the sample was 33.6 pCi/g. This standard was counted each day prior to counting soil samples, and the observed activity concentration of Ra-226 was posted on a system control chart. The mean activity and its standard deviation were determined after 20 successive counts of this standard for 10 minutes. These were determined every 20 days. The control chart contained a mean activity line and ± 2 sigma and 3 sigma control lines. During approximately five months of field operations, the system never exceeded the 3 sigma control line and exceeded the 2 sigma control line only twice.

When reviewing the gamma-ray spectrometry data in Appendix A, the reader's attention is called to instances in which U-238 activity concentration estimates are presented as less than a minimum detectable activity. This is a conservative estimate of the upper limit of the samples' U-238 activity even though the actual concentration is significantly lower. In samples in which the U-238 activity concentration is less than approximately 30 pCi/g, the computer-based multichannel analyzer's data reduction software relies exclusively on two low-energy photopeaks (63 keV and 92 keV) from Th-234, a daughter of U-238. When Ra-226 and/or Th-232 are present, even in modest concentrations of a few pCi/g, it is difficult for the computer program to identify and resolve the 63 and 92 keV photopeaks. This situation occurs because of Compton scattering of higher energy photons in the germanium crystal. As these higher energy photons undergo energy degradation through multiple scattering events, a smooth continuum of these scattered photons appears in the lower energy channels. This effectively increases the background in these channels and masks the 63 and 92 keV photons from U-238.

Each soil sample was recorded on a chain-of-custody record at the time it was collected. Custody of the samples was then transferred to TMA/Eberline's Laboratory Manager at the laboratory trailer. There they were entered in the laboratory sample logbook and stored in locked file cabinets until they were counted. There was one exception to this procedure. After delivery to the field laboratory, chemical composite samples were counted upon receipt. This was done to provide information on radionuclide concentrations for shipping documents and to permit planning by the WESTON laboratory.

No sample preparation of the soil samples was performed in the field laboratory. Each sample was counted as received and in the original sample container. Each sample was counted for 10 minutes. In some cases, samples with elevated activity levels were counted for only 5 minutes. Once a count was completed, the gamma-ray spectrum was stored on a magnetic disk and another sample count was performed. During this count, the previous spectrum was analyzed by the computer's data reduction program. It should be mentioned that for U-238, Ra-226, and Th-232, estimates of the concentrations of these radionuclides were made through an analysis of photons emitted from radioactive daughters that should have been in secular equilibrium with their respective parent radionuclides. When several daughter photons were present, the data reduction program calculated a mean concentration by weighting the abundance of each photon. For example, in determining the concentration of Ra-226, values based on the 609 keV photon from Bi-214 with an abundance of

0.47 photons per disintegration received greater weight than values based on the 295 keV gamma ray from Pb-214 with an abundance of 0.19 photons per disintegration.

Upon completion of the data reduction, a complete report of the analysis was printed. This report served as a record of the analytical results of that sample. Included in this report were the sample identification number, counting date and time, length of count (live time in seconds), energy conversion factor from channel number to photon energy in keV, a photopeak resolution conversion equation, a table display of all observed photopeaks, the library file name, the efficiency file name, a table display of all identified photopeaks complete with estimates of radionuclide concentrations (in microCi/g), and a table display of all photopeaks not contained in the radionuclide library.

Each printed report of analysis included at least two pages of data. For the purpose of data review, the analysis of each sample was summarized by posting the concentrations of U-238, Th-232, and Ra-226 on a Preliminary Data Report Form (PDR).

For purposes quality control, every tenth sample was recounted immediately after the first count. The results of these analyses were also recorded in a printed report and summarized on the PDR.

Samples that were to be sent off-site for radiochemical analysis were removed from storage and documented on a new chain-of-custody record prior to shipment. This action was noted on the original chain-of-custody record that was used to transfer the sample from its collection point. Following completion of the field work, all samples remaining at the FMPC were packed in wood crates and relinquished to a WMCO official along with the original chain-of-custody record. These actions were carried out to ensure accurate documentation of sample archiving.

2.3.2 Radiochemical Analysis

Certain surface soil samples were analyzed by radiochemical techniques. Radiochemical parameters included the isotopes of thorium, plutonium, and uranium, as well as the specific radionuclides Sr-90, Tc-99, and Np-237. The radionuclides analyzed are those listed in Appendix B except for Ra-226, which was analyzed by gamma spectroscopy in the on-site laboratory. Cs-137 and Ru-106 were analyzed by gamma spectroscopy in the Albuquerque Laboratory. In the analytical process, individual elements are separated from the residue matrix, purified, and carried through sequential steps prior to evaluation in the counting laboratory. Radiochemical procedures used during this program are TMA/Eberline corporate procedures that

were refined through internal research and development. They are adaptations of procedures developed by the Environmental Measurements Laboratory (EML), the Environmental Protection Agency (EPA), and several national laboratories. Accuracy is confirmed by the use of NBS or NBS-traceable calibration standards for all analyses, and by participation in the EPA's cross-check program and other laboratory intercomparisons.

Prior to analysis, samples were dried, pulverized, and blended. Typically, a 10-gram aliquot of the blended soil sample to be analyzed is digested in strong acids, and a portion of the solution equivalent to 1 gram of soil is used to perform the analysis. The remainder of the solution is retained for reruns or duplicate analyses. For radionuclides such as neptunium, plutonium, thorium, and uranium, tracer radionuclides are added to the 1-gram aliquot and the solution is passed through a column of anion exchange resin. In this step, the radionuclide is absorbed to the column. Each radionuclide is eluted from the column by using solvents unique to the radionuclide. Additional steps are taken to separate and purify the sample prior to electroplating it on a metal substrate. Alpha spectrometry is used to identify and quantify the radionuclide. In calculating concentrations, corrections are made for weight, percent recovery of the tracer, detector background, and detector efficiency. Analyses for Sr-90 and Tc-99 also start with a 1-gram equivalent aliquot. Following the addition of tracers, the radionuclides are precipitated using compounds unique to the procedure. Steps are taken to remove other fission products and to further purify the sample in carrier solutions prior to drying the sample for beta counting. Factors used to calculate concentrations include: weight of the aliquot, radioactive decay, tracer recovery, detector efficiency, and detector background.

2.4 QUALITY CONTROL

The measures that were used to ensure the quality of the data are presented in the Quality Assurance/Quality Control Plan (Roy F. Weston, Inc., 1986b). The plan includes: training requirements, field documentation, document control, sampling plan, sample control procedures and chain of custody, analytical laboratory QA/QC, audits, and corrective action. All procedures used in the collection and processing of samples were approved in advance and documented in the work plan (Roy F. Weston, Inc., 1986b).

2.4.1 Field Activities Quality Assurance

During the conduct of this field investigation, a number of activities was carried out in accordance with the Project Quality Assurance Plan. These activities included, but were not limited to, the following:

- Repeat of 10 percent of FIDLER grid measurements at 50-ft intervals.

- Repeat of 10 percent of Geiger Mueller beta-gamma dose rate measurements at 50-ft intervals.

- Standardization of FIDLER response to a sealed NBS traceable Am-241 radiation source before measurements began each day, at the mid-day break, and after daily measurements were complete.

- Standardization of portable radiation detector response to sealed NBS traceable radiation sources at the start of each work day.

- Standardization of the gross alpha counter response to an NBS traceable electroplated Th-230 source daily.

- Maintenance, repair, and calibration of portable radiation detectors and gross alpha counters at TMA/Eberline's Albuquerque calibration facility on a quarterly basis.

- Maintenance of a control chart for all gross alpha counters.

- Calibration of breathing zone samples before and directly after each use for sampling.

- Calibration of the on-site gamma-ray spectrometry system using counting standards certified by the New Brunswick Laboratory and traceable to the National Bureau of Standards.

- Duplicate count of every tenth sample analyzed by gamma-ray spectrometry directly following the initial count.

- Maintenance of a control chart for gamma-ray spectrometry system performance.

- Radiation measurements within the site grid system were recorded on prenumbered (consecutive) field measurement logbook forms issued by the TMA/Eberline Site Manager. Completed forms were returned by field technicians each day, and a record of the type and quantity of measurements on each numbered form was entered into a bound logbook.

- Chain-of-custody record forms were numbered consecutively and issued by the WESTON Project Manager. These forms were used to record pertinent facts regarding the identification of chemical and radiological samples at the time each sample was collected in the field. Chain-of-custody procedures were followed carefully, and the proper forms accompanied all sample batches to each laboratory, including the on-site gamma-ray spectrometry laboratory, the WESTON Analytical Laboratory in Lionville, Pennsylvania, and the TMA/Eberline Laboratory in Albuquerque, New Mexico. All original chain-of-custody forms are on file with project records.

- Original copies of radiological field data were transmitted to WESTON only after confirmation of receipt of a legible copy off-site. The transmittal of data was accomplished using transmittal forms that were signed and returned to the sender.

- Upon receipt of samples in the on-site laboratory, each sample was recorded in a permanent bound logbook. A complete record of analysis activity by date, form of data report, and final disposition of each sample was maintained in this logbook, which is on file with the Project Manager.

- Following completion of field work, all soil samples that had not been sent to off-site laboratories were packed in wooden crates and turned over to a WMCO official. An inventory sheet and copy of the chain-of-custody record was attached to each crate.

2.4.2 FIDLER Quality Control

Field measurements using FIDLER probes were made for three separate field activities as described in Section 2. Quality control measurements were duplicated (at separate times) for approximately 10 percent of those grid measurements and at 50-ft intervals. These data were recorded on field measurement logbook forms in the same format used for the original measurements. Using statistical application software, a comparison was made of the two separate data sets. Results of this comparison are presented in Figure 2-9. The correlation coefficient for this linear regression was 0.93. While the reproducibility of these data was reasonable, it should be pointed out that measurements were made during fall and winter with significantly different temperatures. Two FIDLER probes were used, soil moisture changed with the seasons, and placement of the FIDLER at a grid point for the QC measurement may not have been exact.

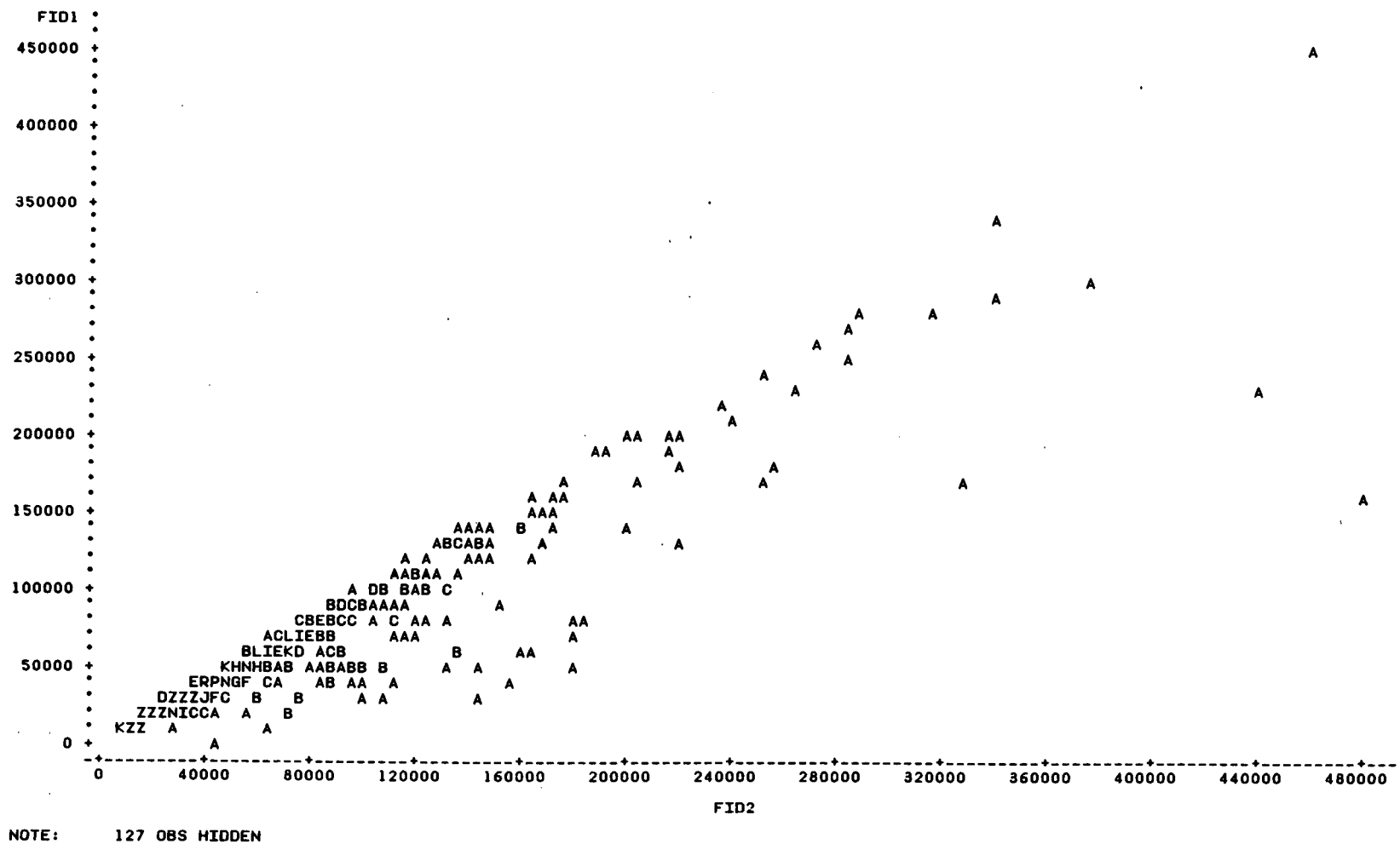


FIGURE 2-9 LINEAR REGRESSION OF FIDLER QUALITY CONTROL MEASUREMENTS

2.4.3 Beta-Gamma Dose Rate Quality Control

Field measurements using the Geiger Mueller pancake geometry probe were used to estimate soil surface beta-gamma dose rates and to verify the presence of anomalous deposits of radioactivity. Quality control measurements were made at approximately 10 percent of all grid system locations at 50-ft intervals. A statistical comparison of these data sets was also performed and is shown in Figure 2-10. The correlation coefficient for this linear regression was 0.98, indicating a high degree of reproducibility.

2.4.4 On-Site Gamma Spectroscopy Quality Control

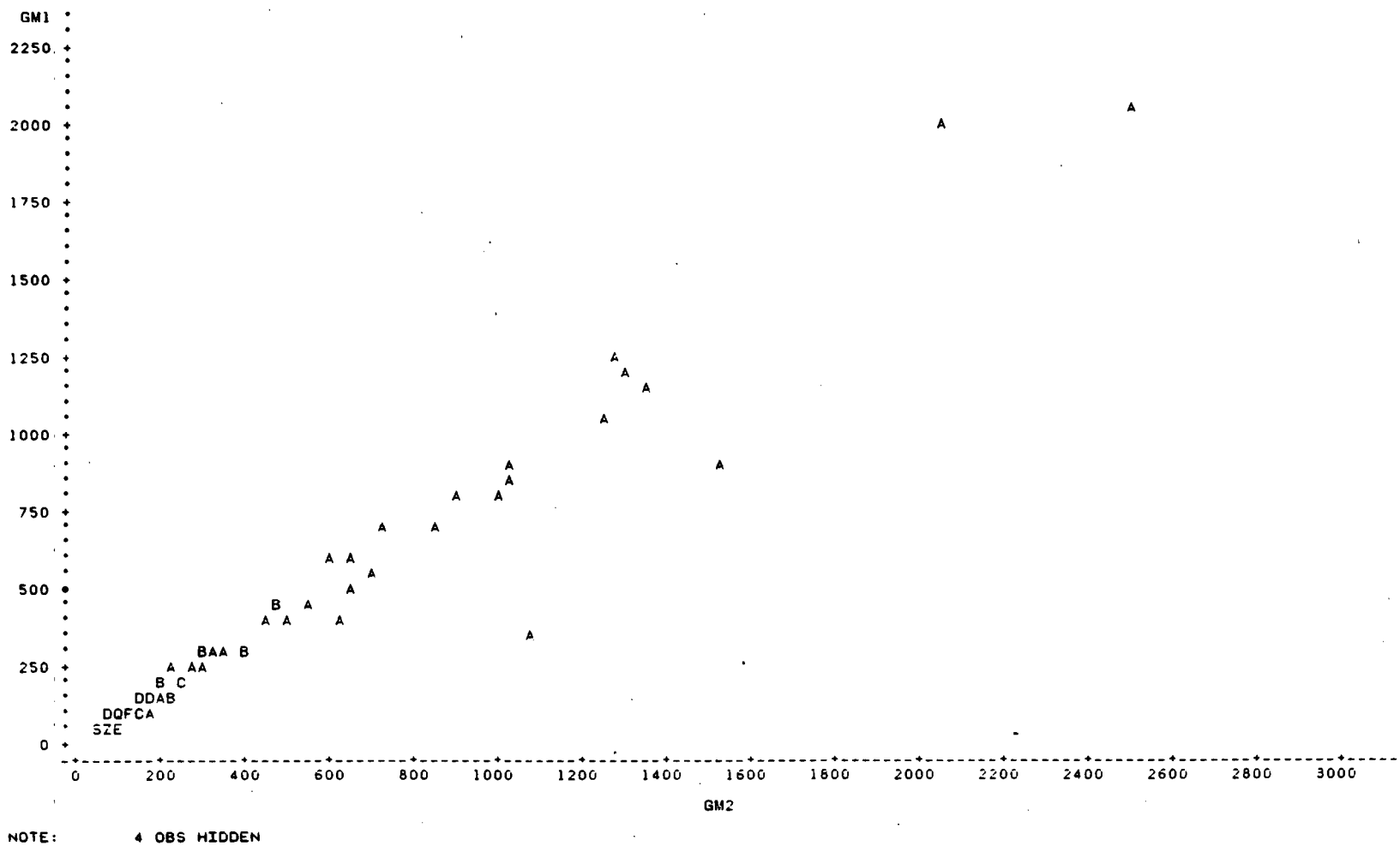
Throughout this field investigation, care was taken to analyze soil samples in accordance with project procedures. During laboratory operations each day, a duplicate count was made immediately following the analysis of every tenth sample. The results are included in Appendix A and recorded as a "D" attached to the sample ID. Also during laboratory operations a counting standard, certified by the New Brunswick Laboratory (0.01 percent uranium), was analyzed each day before initiating the analysis of samples (this was done only on the days that samples were analyzed). A linear regression of the duplicate analysis of soil samples is presented in Figure 2-11. The correlation coefficient is 0.99. Response of the gamma-ray spectroscopy system to the counting standard was controlled on the basis of the Ra-226 concentration (33.6 pCi/g). A control chart that displays the measured concentration of Ra-226 in this standard is presented in Figure 2-12. Also presented in this figure is the mean concentration and the $\pm$ 2 sigma and $\pm$ 3 sigma control limits. These were determined based on the system performance at 20-operating-day intervals.

2.4.5 Radiochemical Analysis Quality Control

All radiochemical analysis was performed by TMA/Eberline and subject to their rigorous quality assurance program. The manual that describes this program is included in the project support documentation (Roy F. Weston, Inc., 1986b).

2.4.6 Auditing and Surveillances

During the CIS, WESTON conducted an audit of the on-site gamma spectral laboratory. This audit served to ensure that the gamma spectroscopy system was operating properly for the samples being analyzed and that the procedure used had sufficient checks to ensure adequate accuracy and precision for the CIS. The analytical precision of the spectrometer is within 25 percent at the 95-percent confidence interval for the concentrations of interest. The on-site spectrometer readings fell between these confidence levels at U-238 activity concentrations



NOTE: 4 OBS HIDDEN

FIGURE 2-10 LINEAR REGRESSION OF BETA GAMMA DOSE RATE QUALITY CONTROL MEASUREMENTS

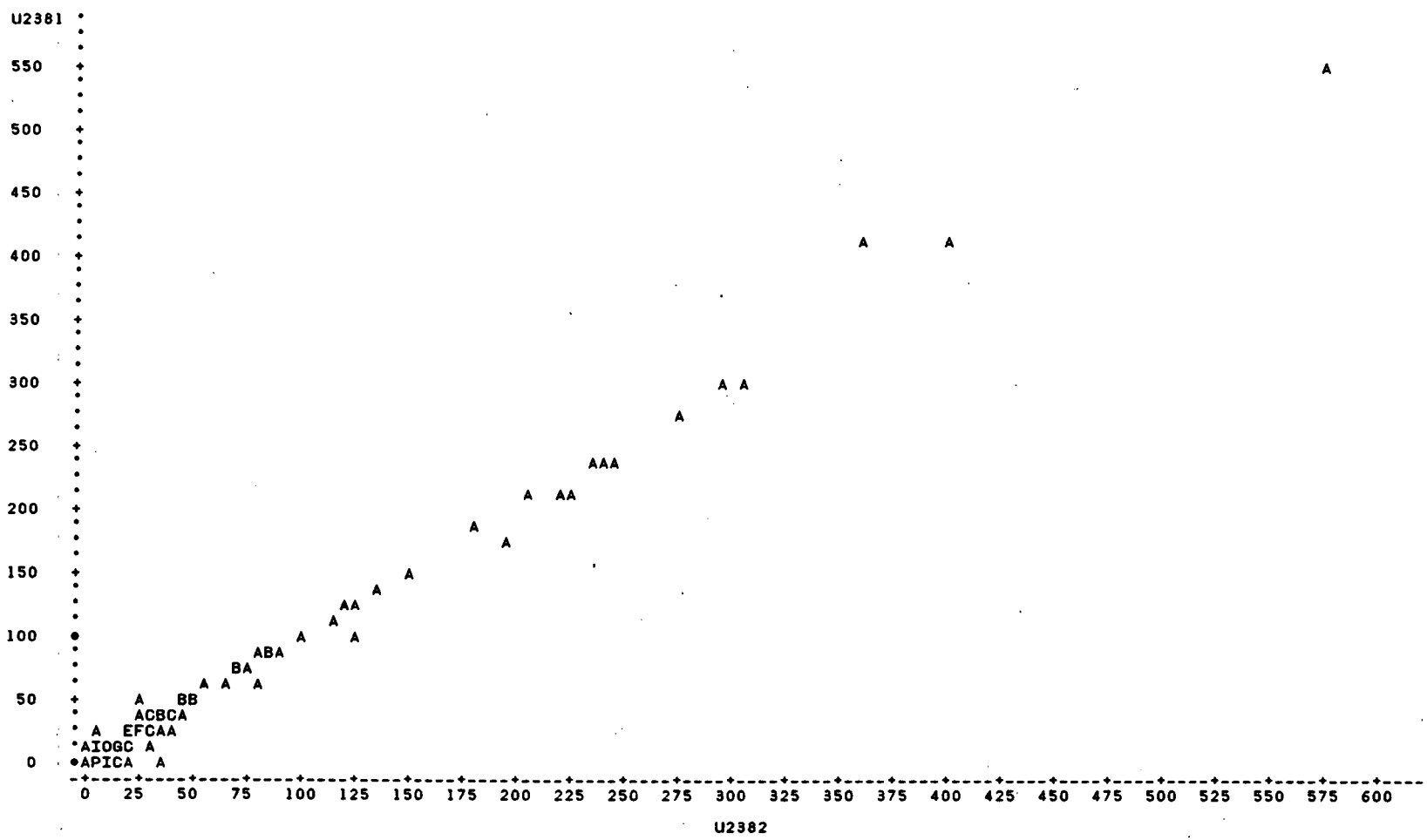


FIGURE 2-11 LINEAR REGRESSION OF DUPLICATE GAMMA-RAY SPECTROSCOPY MEASUREMENTS

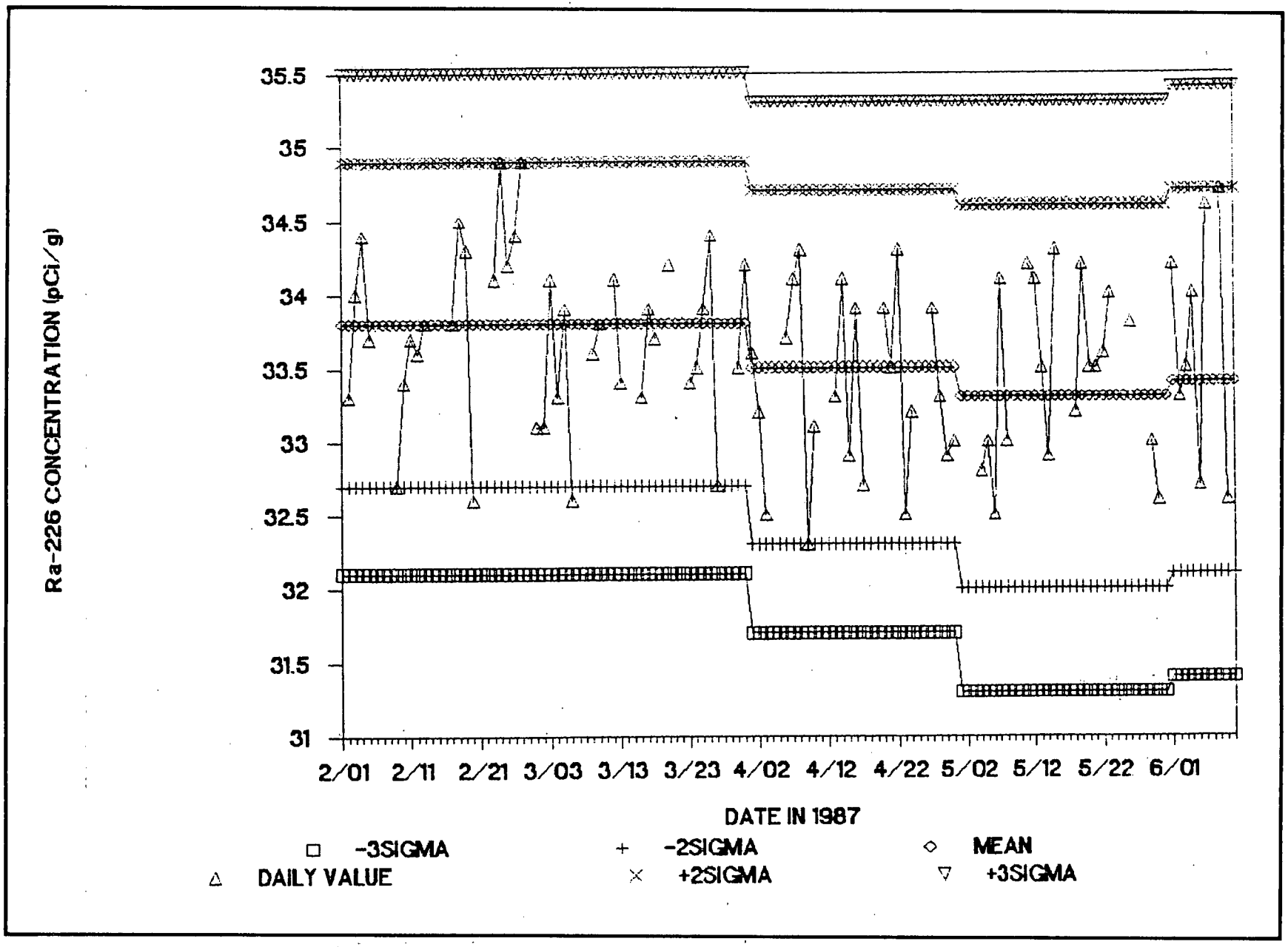


FIGURE 2-12 GAMMA-RAY SPECTROSCOPY CONTROL CHART

close to 35 pCi/g. Additional QA surveillances of the TMA/Eberline laboratory in Albuquerque and of each stage of the field work were performed by WMCO and WESTON.

2.5 HEALTH AND SAFETY

Field activities during the CIS were carried out in strict accordance with the Environmental Safety and Health Program Plan. This plan is presented in its entirety in Section 6 of the Support Documentation (Roy F. Weston, Inc., 1986b). The scope of this plan included: 1) organization and responsibilities; 2) health and safety standards; 3) environmental standards; 4) program requirements, occupational monitoring, and personnel protection methods; 5) hazard control and monitoring methods; and 6) a contingency plan for emergencies for the FMPC during CIS work.

Aspects of the health and safety plan were developed on the basis of information provided by WMCO and with consideration of all of the known or suspected chemical and radiological constituents in the Waste Storage Area. From these considerations it was clear that physical intrusion into the waste storage pits would require medical surveillance for selected personnel, training in procedures to minimize periods of contact with hazardous materials, training in the use of a wide variety of personal protection equipment (up to and including Level B protection), and a selection of specialized equipment for monitoring the work environment.

Personnel protection procedures were based on recommended exposure guidelines and safety standards contained in existing Federal regulations as identified in the Environmental Health and Safety Plan. These procedures were implemented so that exposures to hazardous chemicals and radioactive environments were reasonably low. Because of physical stress to workers in protective clothing, mandatory rest periods were enforced and body fluids were replenished.

A Work Location Personnel Protection and Safety Evaluation Form was completed and approved prior to the initiation of waste pit sampling. Workers received training based on the requirements of this evaluation, and an approved copy of the document was distributed to each field operating group and posted in a conspicuous location.

An access control point was established at the west gate between pit no. 5 and pit no. 3. Each project staff member entering the CIS work area was required to enter and exit through this point. An access register was maintained at the control point and served as a daily record of the entry and exit of each person. Upon entry, a check was made to ensure that

each person was dressed in accordance with task requirements. Each person that left the access control point was monitored with portable radiation survey instruments to verify that no contamination was present on skin or clothing surfaces. Labeled containers were placed at the existing step-off pad, and soiled protective clothing was deposited as required (gloves, shoe covers, disposable coveralls, waste paper, etc.). This was done to prevent the spread of contamination to points outside the Waste Storage Area. All personnel and equipment released from the access control point were monitored in accordance with the conservative release limits associated with Th-230.

All equipment and instrumentation used for personnel safety monitoring were maintained and calibrated in accordance with requirements in project procedures. Internal audits were performed by WESTON, and surveillances were conducted by WMCO. Results of tests, calibrations, inspections, audits, access control monitoring, and work area air quality monitoring were documented, and records have been archived with the project files.

SECTION 3

RESULTS

3.1 BACKGROUND RADIATION STUDY

3.1.1 Purpose

The background radiological study was performed in order to provide baseline radiation measurements and background soils radionuclide data with which to compare the on-site measurement and radiochemical sampling results. Fifteen locations were chosen upwind from the production area to ensure that no anomalies would bias the results. The list of the locations chosen was presented in Subsection 2.2.3. The FIDLER and exposure rate measurement results from soil sample analysis are presented as follows. No beta-gamma measurements with the GM detector were made in this area.

3.1.2 Results

Table 3-1 shows that surface FIDLER readings at the 15 background locations ranged from 7,359 counts per minute (cpm) to 10,069 cpm, and averaged 8,641 cpm. The exposure rates at each of the background locations were fairly uniform and ranged from 10 to 12 microR/hr.

The gamma spectroscopy analysis of surface soil samples is presented in Table 3-2. These data can be used as a baseline to compare with on-site gamma spectroscopy data of surface soil samples.

The radiochemistry analysis of surface soil results are presented in Table 3-3. These data can be used for comparison with the results of the on-site soil samples.

3.2 EXPOSURE RATE MEASUREMENTS

3.2.1 Purpose

Gamma exposure rate measurements were made during the mobilization of the CIS field study to assess the expected doses to personnel working in the storage areas. This assessment was done in order to develop and to set up the access controls and potential stay-times for workers and to characterize the gamma radiation fields throughout the CIS study area.

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Table 3-1

Background Locations and Radiation Measurement Results

Location Number	FIDLER (cpm)	Exposure Rate (microR/hr)
1	8,683	11
2	8,504	11
3	7,359	10
4	8,621	11
5	8,593	11
6	8,927	10
7	8,553	11
8	8,363	10
9	9,032	10
10	8,898	11
11	10,069	12
12	7,401	11
13	9,071	11
14	9,258	11
15	8,281	10
Average	8,641	11

Table 3-2

Background Gamma Spectroscopy Results (pCi/g)

Radionuclide	Location Number 1	2	3	4	5	6	7
U-238	<8.9	<7.5	<4.9	<5.2	<5.0	2.1 ± 1.8	<8.6
Th-232	0.6 ± 0.3	0.7 ± 0.3	0.8 ± 0.2	0.8 ± 0.3	1.1 ± 0.2	0.9 ± 0.3	1.0 ± 0.3
Ra-226	0.4 ± 0.3	0.8 ± 0.2	0.5 ± 0.2	0.5 ± 0.2	0.6 ± 0.2	0.6 ± 0.3	0.6 ± 0.2
Cs-137	<0.5	<0.3	0.6 ± 0.2	0.5 ± 0.2	0.3 ± 0.2	<0.7	0.3 ± 0.2

Radionuclide	Location Number 8	9	10	11	12	13	14	15
U-238	3.2 ± 2.5	<8.9	<7.3	<5.3	<4.4	<10.0	<8.6	<9.5
Th-232	0.9 ± 0.3	1.1 ± 0.2	0.5 ± 0.3	0.8 ± 0.2	0.8 ± 0.2	1.1 ± 0.3	1.0 ± 0.3	0.9 ± 0.3
Ra-226	0.7 ± 0.2	0.8 ± 0.2	0.6 ± 0.2	0.7 ± 0.3	<0.4	0.4 ± 0.2	0.5 ± 0.3	0.5 ± 0.4
Cs-137	0.4 ± 0.2	0.4 ± 0.2	0.5 ± 0.2	<0.6	<0.3	<0.3	<0.6	<0.4

Table 3-3

Background Radiochemistry Results (pCi/g)

Radionuclide	Location Number 1	2	3	4	5	6	7
U-234	0.7 ± 0.2	0.7 ± 0.2	0.8 ± 0.1	0.7 ± 0.1	0.9 ± 0.1	1.0 ± 0.2	0.7 ± 0.1
U-235	0.07 ± 0.04	<0.07	0.03 ± 0.02	<0.03	<0.03	<0.04	0.06 ± 0.04
U-238	0.8 ± 0.2	1.1 ± 0.2	1.0 ± 0.1	0.9 ± 0.1	0.9 ± 0.1	0.7 ± 0.2	0.8 ± 0.1
Th-228	0.8 ± 0.1	0.7 ± 0.1	0.9 ± 0.2	0.9 ± 0.3	0.5 ± 0.4	0.6 ± 0.1	0.8 ± 0.1
Th-230	1.2 ± 0.1	0.8 ± 0.1	1.0 ± 0.2	1.1 ± 0.4	1.1 ± 0.4	0.7 ± 0.1	1.0 ± 0.1
Th-232	0.8 ± 0.1	0.7 ± 0.1	0.9 ± 0.2	0.9 ± 0.3	0.5 ± 0.4	0.6 ± 0.1	0.8 ± 0.1
Pu-238	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pu-239/240	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ru-106	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cs-137	<0.1	0.2 ± 0.2	0.6 ± 0.2	0.6 ± 0.2	0.8 ± 0.2	0.7 ± 0.2	0.6 ± 0.2
Ra-226	0.7 ± 0.2	0.7 ± 0.2	0.5 ± 0.2	1.0 ± 0.3	0.7 ± 0.2	0.8 ± 0.2	0.6 ± 0.2

Radionuclide	Location Number 8	9	10	11	12	13	14	15
U-234	0.8 ± 0.1	0.7 ± 0.1	0.9 ± 0.2	1.0 ± 0.2	0.8 ± 0.2	0.9 ± 0.2	0.9 ± 0.1	0.7 ± 0.2
U-235	0.05 ± 0.04	<0.05	0.07 ± 0.05	0.08 ± 0.04	0.06 ± 0.04	<0.03	0.05 ± 0.02	0.05 ± 0.03
U-238	1.2 ± 0.2	0.7 ± 0.1	1.0 ± 0.2	1.1 ± 0.2	0.9 ± 0.2	1.1 ± 0.2	0.7 ± 0.1	0.9 ± 0.2
Th-228	0.9 ± 0.1	0.9 ± 0.1	0.8 ± 0.1	1.2 ± 0.2	1.1 ± 0.2	1.0 ± 0.2	--	--
Th-230	0.9 ± 0.2	0.8 ± 0.1	0.8 ± 0.1	1.1 ± 0.1	1.3 ± 0.2	0.8 ± 0.2	0.8 ± 0.2	0.9
Th-232	0.9 ± 0.1	0.9 ± 0.1	0.8 ± 0.1	1.2 ± 0.2	1.1 ± 0.2	1.0 ± 0.2	--	--
Pu-238	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pu-239/240	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ru-106	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<0.3
Cs-137	<0.1	0.4 ± 0.1	0.4 ± 0.1	0.3 ± 0.2	<0.1	0.6 ± 0.2	0.3 ± 0.1	0.4 ± 0.1
Ra-226	1.0 ± 0.2	0.7 ± 0.3	0.8 ± 0.2	0.7 ± 0.2	0.6 ± 0.3	0.9 ± 0.3	--	--
Tc-99	--	--	--	--	--	--	<0.2	<0.2

3.2.2 Results

A distribution of exposure rates within the storage area west of the production facility is presented in Figure 3-1 as isopleths. The 70 microR/hr contour immediately west of the production area was caused either by radioactive material in the drum storage area, by the Th-232 storage area, or by a combination of the two. The 190 microR/hr contour increasing toward the K-65 silos is caused by gamma rays emanating from the radium-bearing residues stored in the two silos. The highest exposure rate measured during the study was approximately 230 microR/hr measured near the perimeter fence surrounding the K-65 silos.

Figure 3-2 presents a similar distribution of the exposure rate isopleths made around the upper and lower fly ash areas. The results show that the exposure rates in these areas ranged from approximately 14 to 17 microR/hr.

3.3 SURFACE RADIATION MEASUREMENTS

3.3.1 FIDLER Measurements

Purpose

The principal purpose of using the FIDLER during this investigation was to provide a screening mechanism for the distribution of surface deposits of radioactivity. Another specific purpose was to determine a count rate that, when correlated to the concentration of U-238 in the upper 2 inches of soil, would guide the soil sampling to locations where U-238 concentrations exceeded 35 pCi/g. Note that, as discussed in Subsection 2.1.2, the response of the FIDLER to radioactivity in soil is site-specific and governed by several variables. Consequently, the results can only be considered as representing approximate estimates of the activity concentration of U-238 in surface soil appropriate for generalized interpretation in locating areas for soil sampling.

Results

Use of the FIDLER probe to determine the distribution of radioactivity in surface deposits throughout the CIS study area revealed a detailed description of the location of isolated small deposits as well as the more general distribution of material in the vicinity of the waste storage pits and along the eastern border of the upper fly ash pile. Details of this distribution of surface radioactivity are shown in Figure 3-3. A large area/distribution of surface radioactivity in the Waste Storage Area is near the south end of the covered pit no. 2 and

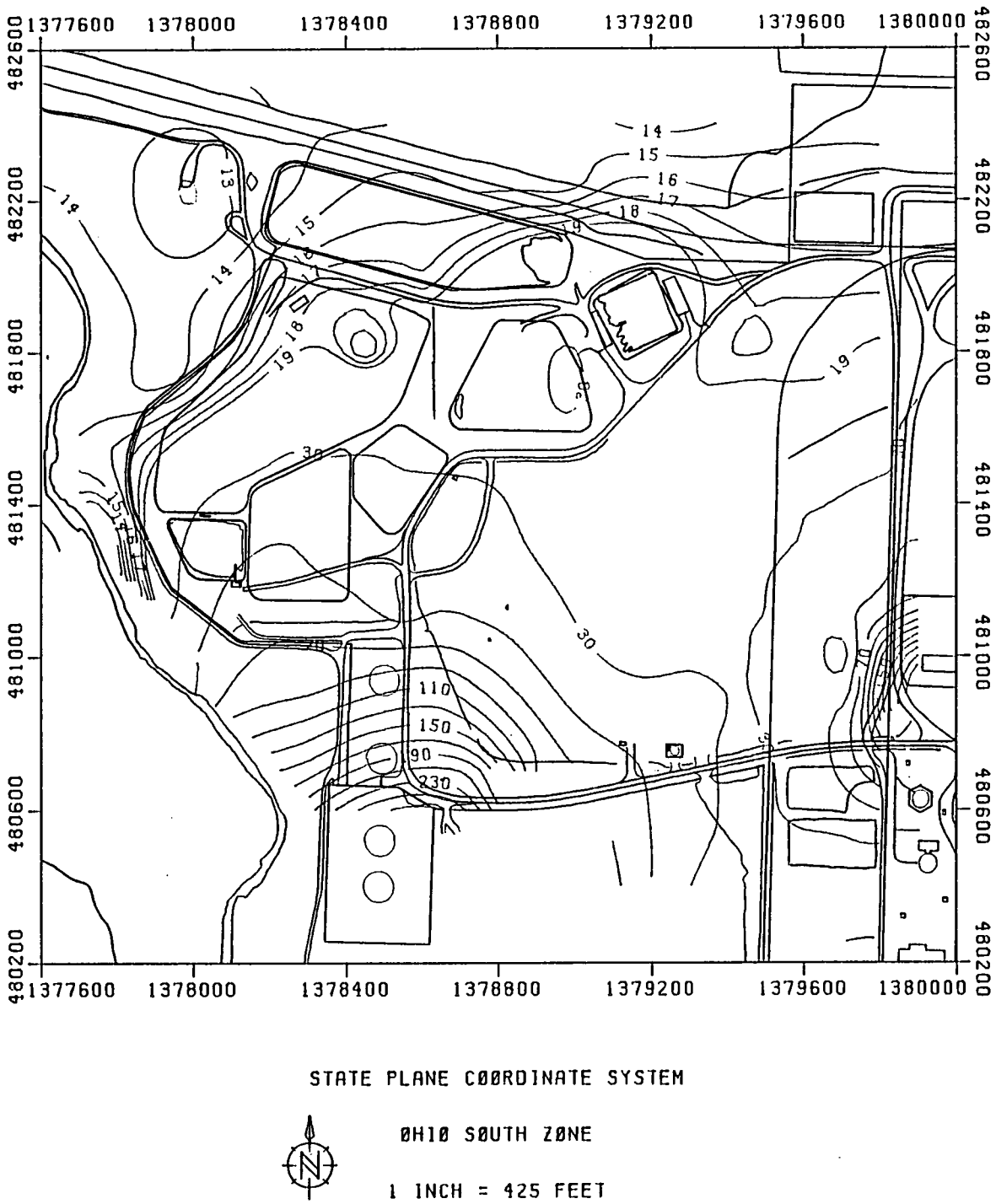


FIGURE 3-1 EXPOSURE RATE CONTOURS IN THE WASTE STORAGE AREA (microR/hr) CONTOUR INTERVALS ARE 1.0 AND 20.0 microR/hr

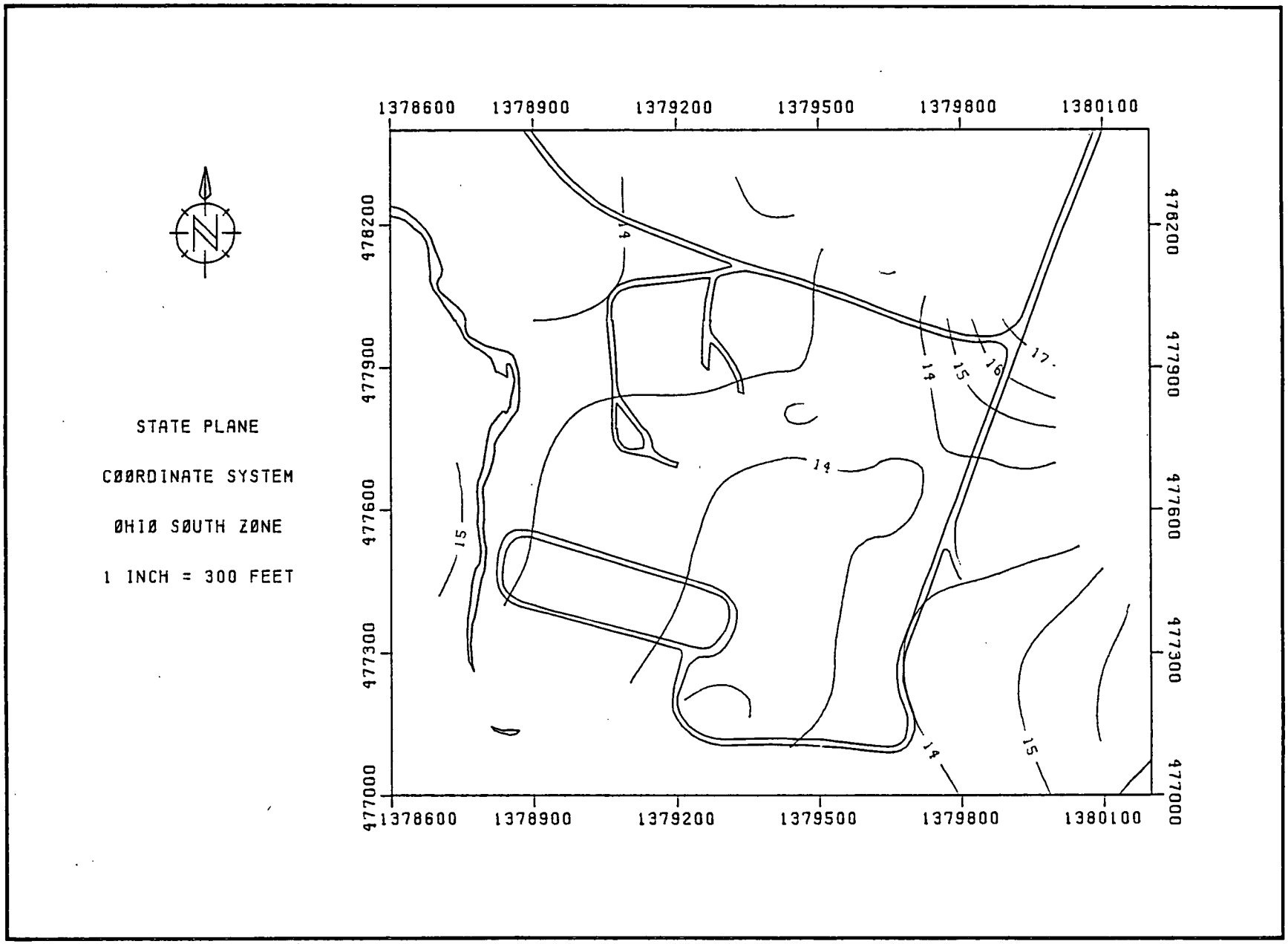


FIGURE 3-2 EXPOSURE RATE CONTOURS IN THE FLY ASH AREAS (microR/hr) CONTOUR INTERVAL IS 1.0 microR/hr

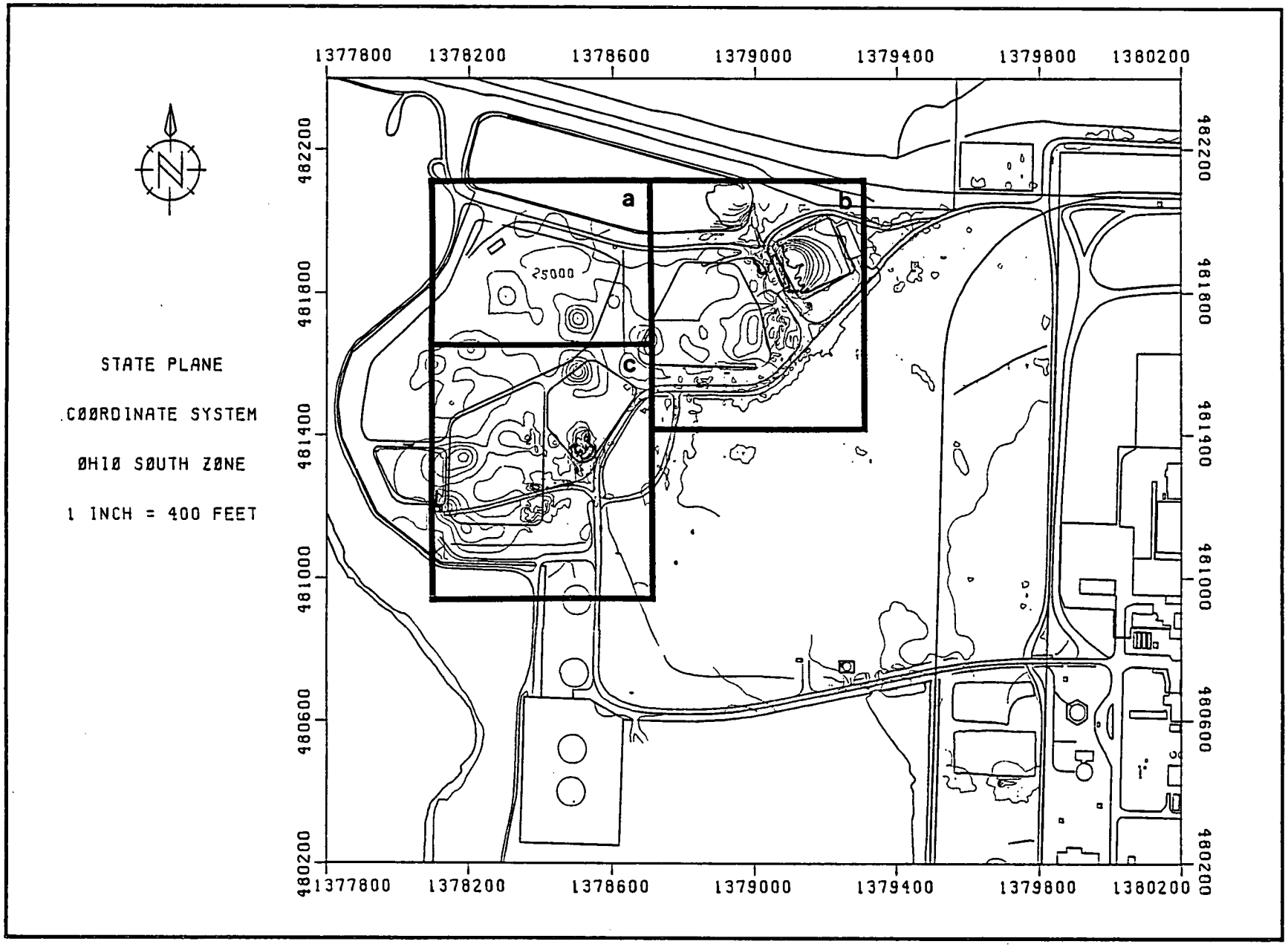


FIGURE 3-3 FIDLER MEASUREMENT CONTOURS IN THE WASTE STORAGE AREA (COUNTS PER MINUTE) CONTOUR INTERVALS ARE 50,000 AND 75,000 CPM

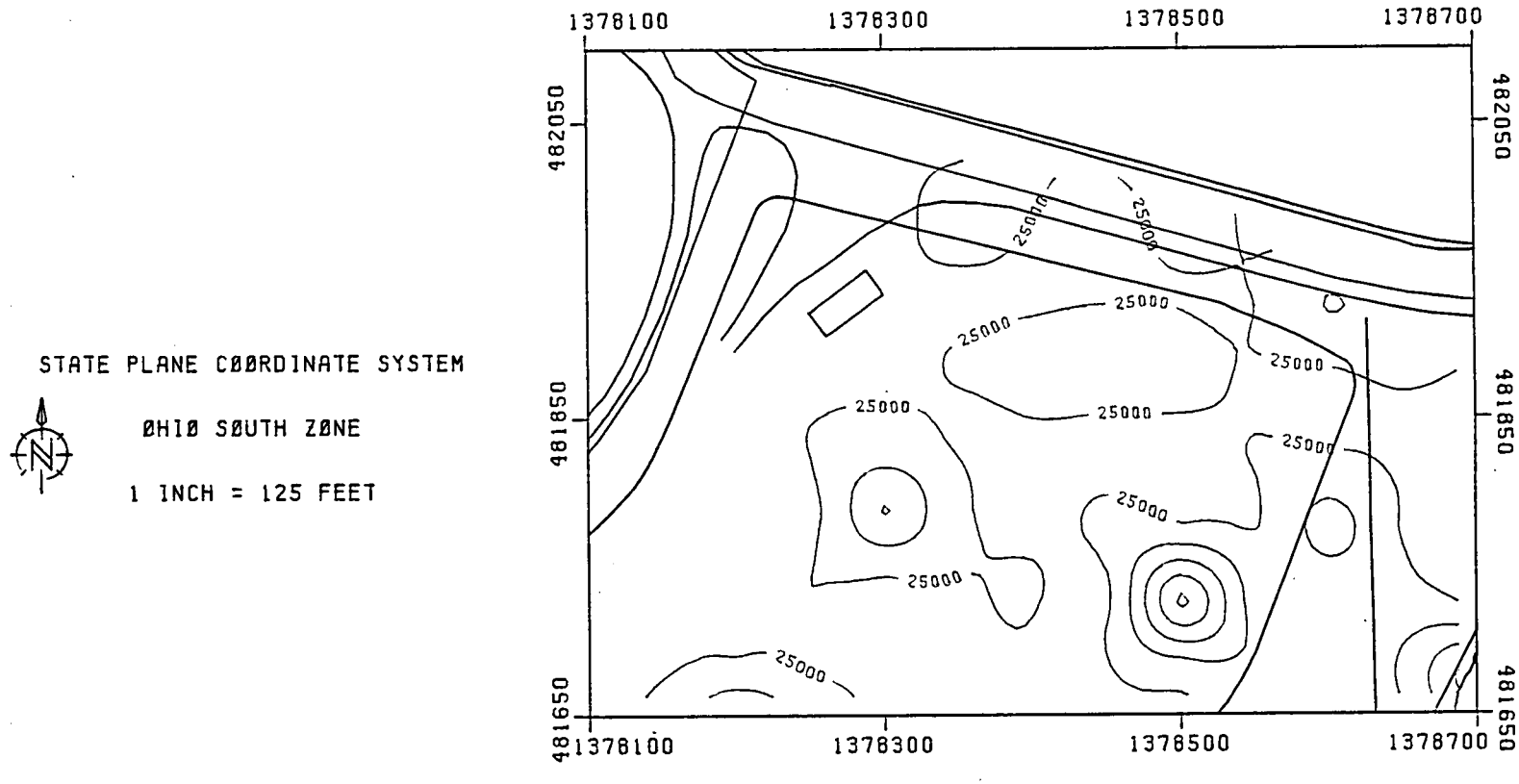


FIGURE 3-3a FIDLER MEASUREMENT CONTOURS IN THE NORTHERN PART OF PIT THREE (COUNTS PER MINUTE) CONTOUR INTERVAL IS 50,000 CPM

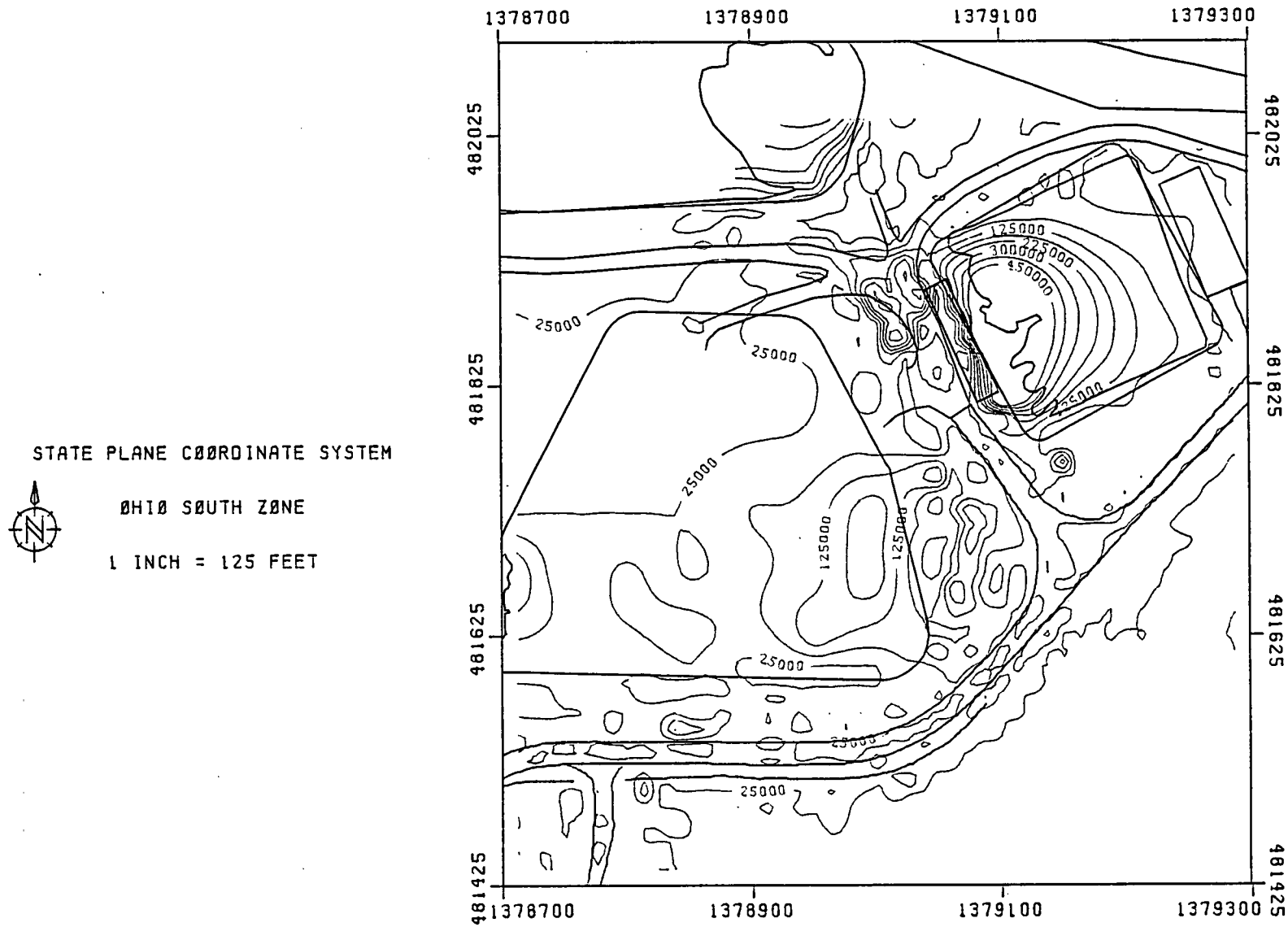


FIGURE 3-3b FIDLER MEASUREMENT CONTOURS IN PITS FOUR AND SIX (COUNTS PER MINUTE) CONTOUR INTERVALS ARE 50,000 AND 75,000 CPM

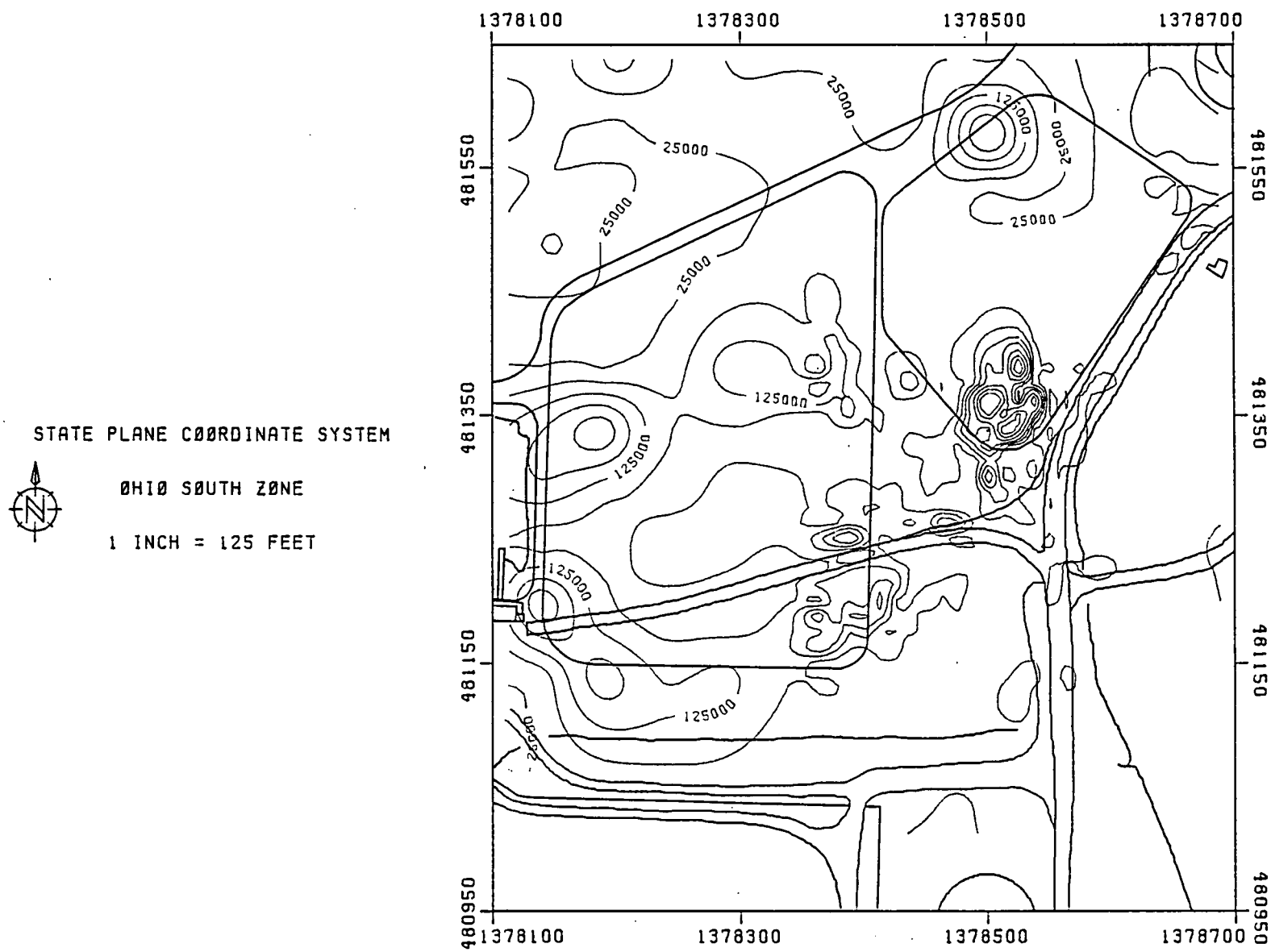


FIGURE 3-3c FIDLER MEASUREMENT CONTOURS IN PITS ONE AND TWO (COUNTS PER MINUTE) CONTOUR INTERVALS ARE 50,000 AND 75,000 CPM

along a roadway between pit no. 4 and pit no. 6. There are several areas with localized anomalous radioactivity. These appear in two places along the western edge of the pit no. 1 cover and one place near the eastern edge of the same pit. One anomaly lies near the northwestern edge of pit no. 2 and extends to the southeastern edge of pit no. 3. Three anomalies lie along a line extending southwest to northeast on the pit no. 3 cover, and one is situated near the northeastern edge of pit no. 3. On the cover of pit no. 4, one localized anomaly lies near the southwestern edge and extends toward the burn pit. A second anomaly covers most of the southeastern corner of pit no. 4.

The distribution of surface radioactivity on the upper and lower fly ash piles (as determined with the FIDLER) is presented in Figure 3-4.

3.3.2 Geiger Mueller Beta-Gamma Dose Rate Measurements

Purpose

Beta-gamma dose rate measurements were taken to characterize surface beta-gamma dose rates as well as to provide supplemental radiation data to verify the presence of anomalous radiation determined during the FIDLER grid measurements.

Results

Figure 3-5 presents beta-gamma dose rate contours for the Waste Storage Area. The highest dose rate of approximately 35 mrad/hr was found near the southwestern perimeter of pit no. 6. Soil samples from this location contained elevated concentrations of uranium. Figure 3-5 also shows anomalous dose rates on the southern perimeter of the sanitary landfill, immediately north of the lime sludge ponds, on the recently placed cover of pit no. 4, on the cover of pit no. 3, and at several locations immediately east of the pit area. Results of soil sample analyses at or near these locations indicated that uranium was the principal radionuclide. The distribution of surface beta-gamma dose rates for the upper fly ash pile is shown in Figure 3-6. Elevated beta-gamma dose rates on the upper fly ash pile are due to U-238, Ra-226, and Th-232.

3.4 RADIONUCLIDE ACTIVITY CONCENTRATIONS IN SURFACE SOIL

3.4.1 Selection of Soil Sampling Locations

Samples of surface soil were collected using methods described in Subsection 2.1.4. Originally it was intended that a simple relationship between the concentration of U-238 in an initial set of 15 samples of surface soil and the observed FIDLER count

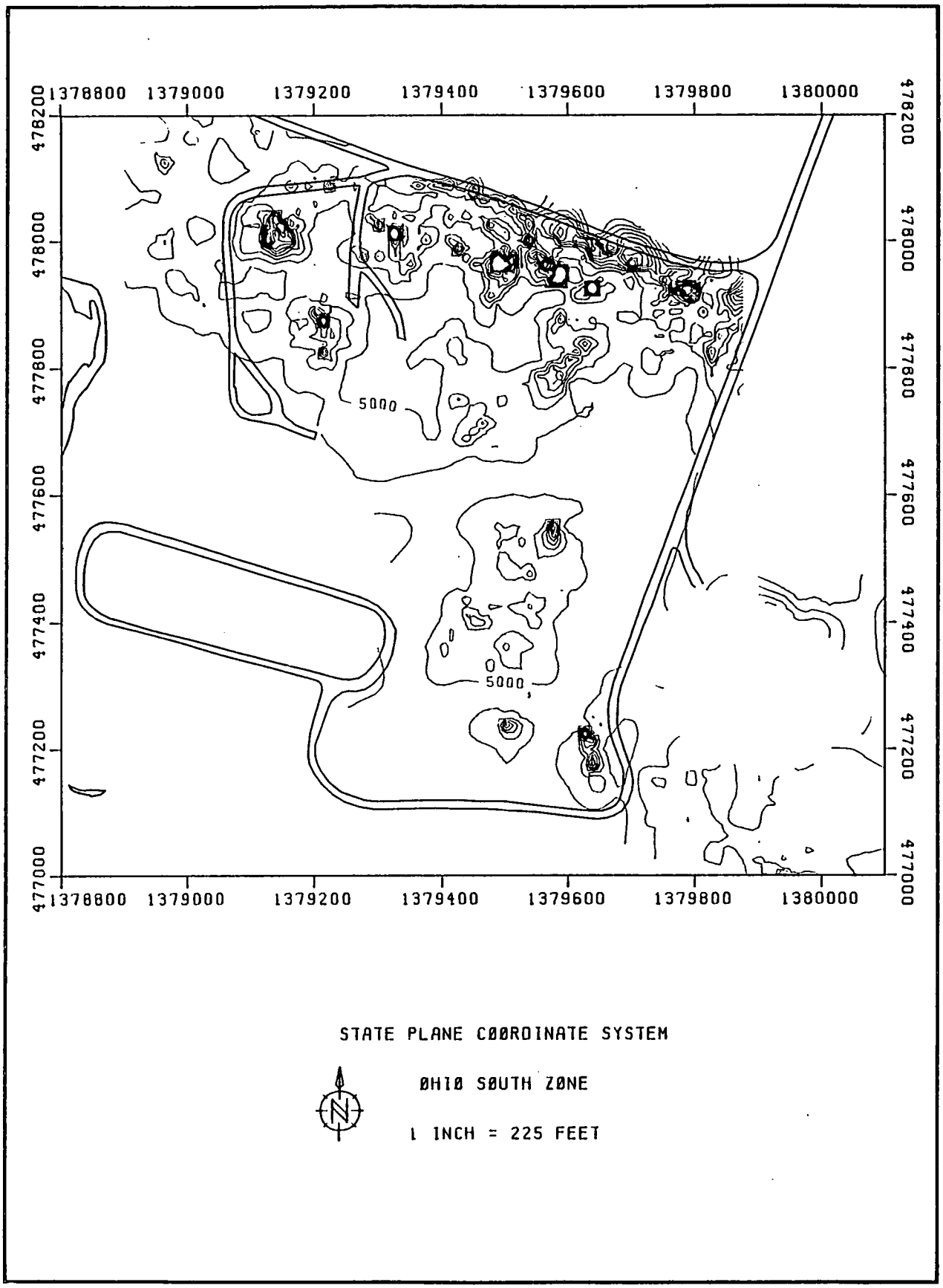


FIGURE 3-4 FIDLER MEASUREMENT CONTOURS IN THE FLY ASH AREA (COUNTS PER MINUTE) CONTOUR INTERVAL IS 5,000 CPM

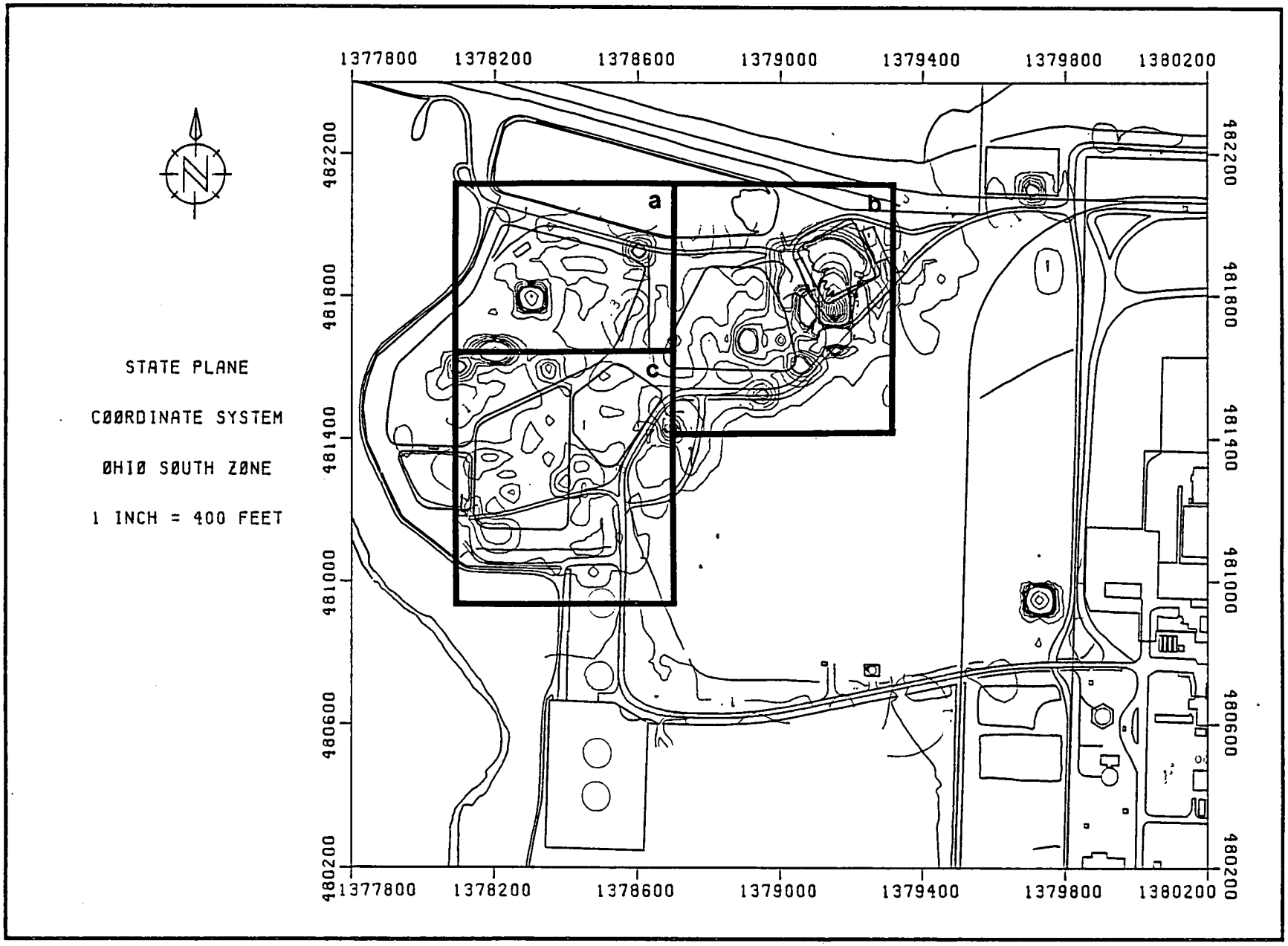


FIGURE 3-5 BETA GAMMA DOSE RATE CONTOURS IN THE WASTE STORAGE AREA (mRad/hr) CONTOUR INTERVALS ARE .2, 1.0, AND 5.0 mRad/hr

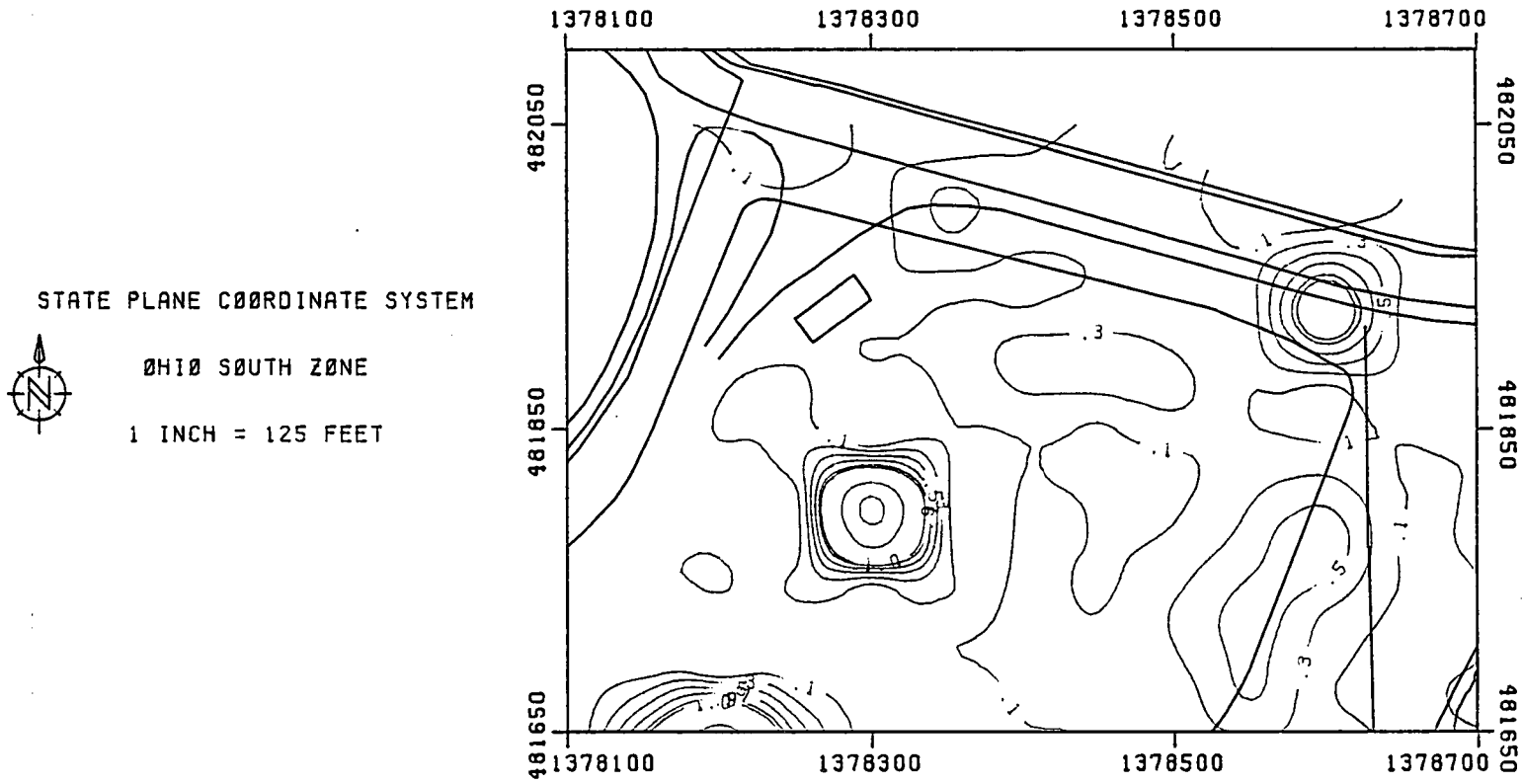


FIGURE 3-5a BETA GAMMA DOSE RATE CONTOURS IN NORTHERN PART OF PIT THREE (mRad/hr) CONTOUR INTERVALS ARE .2 AND 1.0 mRad/hr

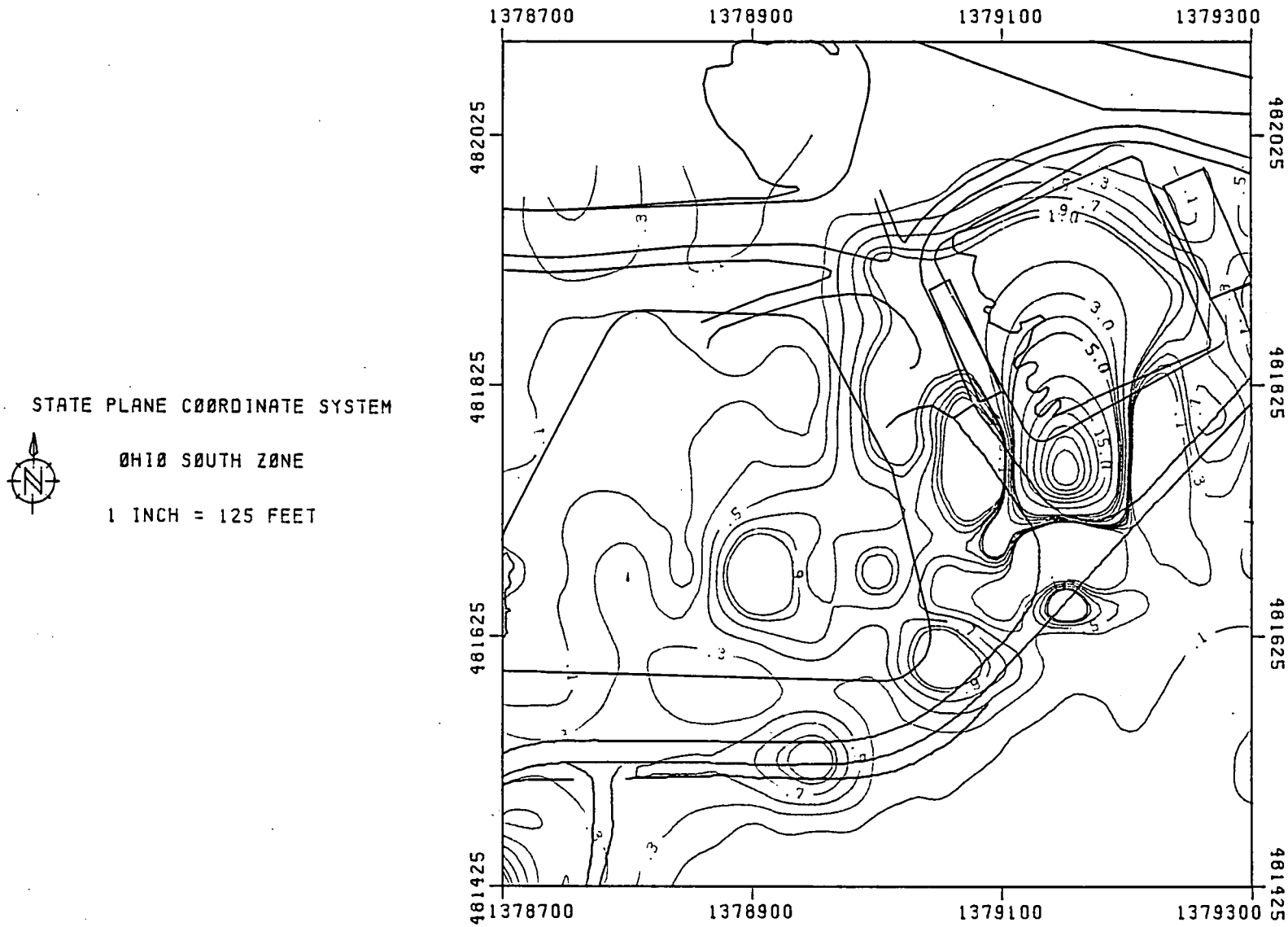


FIGURE 3-5b BETA GAMMA DOSE RATE CONTOURS IN PITS FOUR AND SIX (mRad/hr) CONTOUR INTERVALS ARE .2, 1.0, AND 5.0 mRad/hr

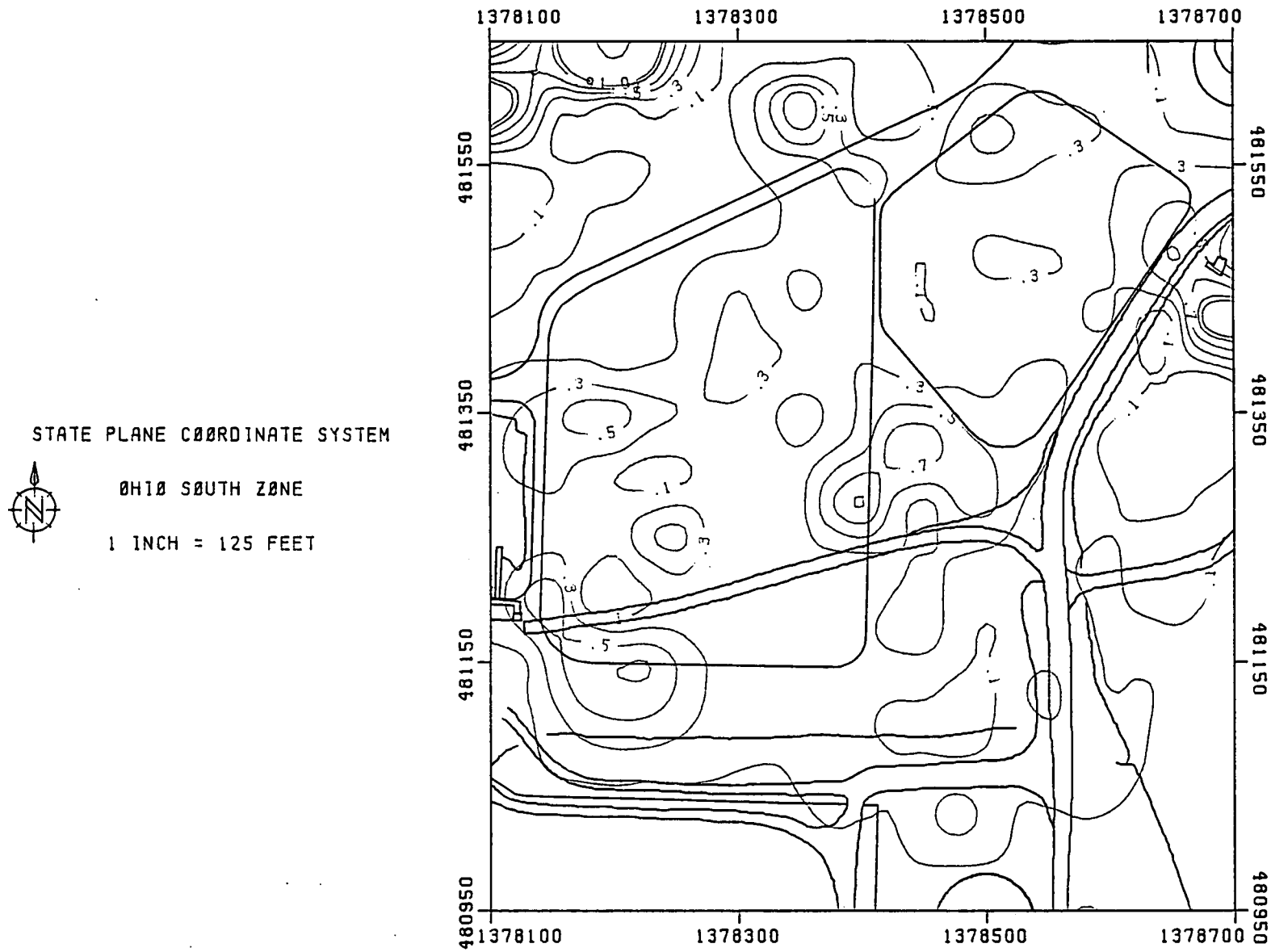


FIGURE 3-5c BETA GAMMA DOSE RATE CONTOURS IN PITS ONE AND TWO (mRad/hr) CONTOUR INTERVALS ARE .2 AND 1.0 mRad/hr

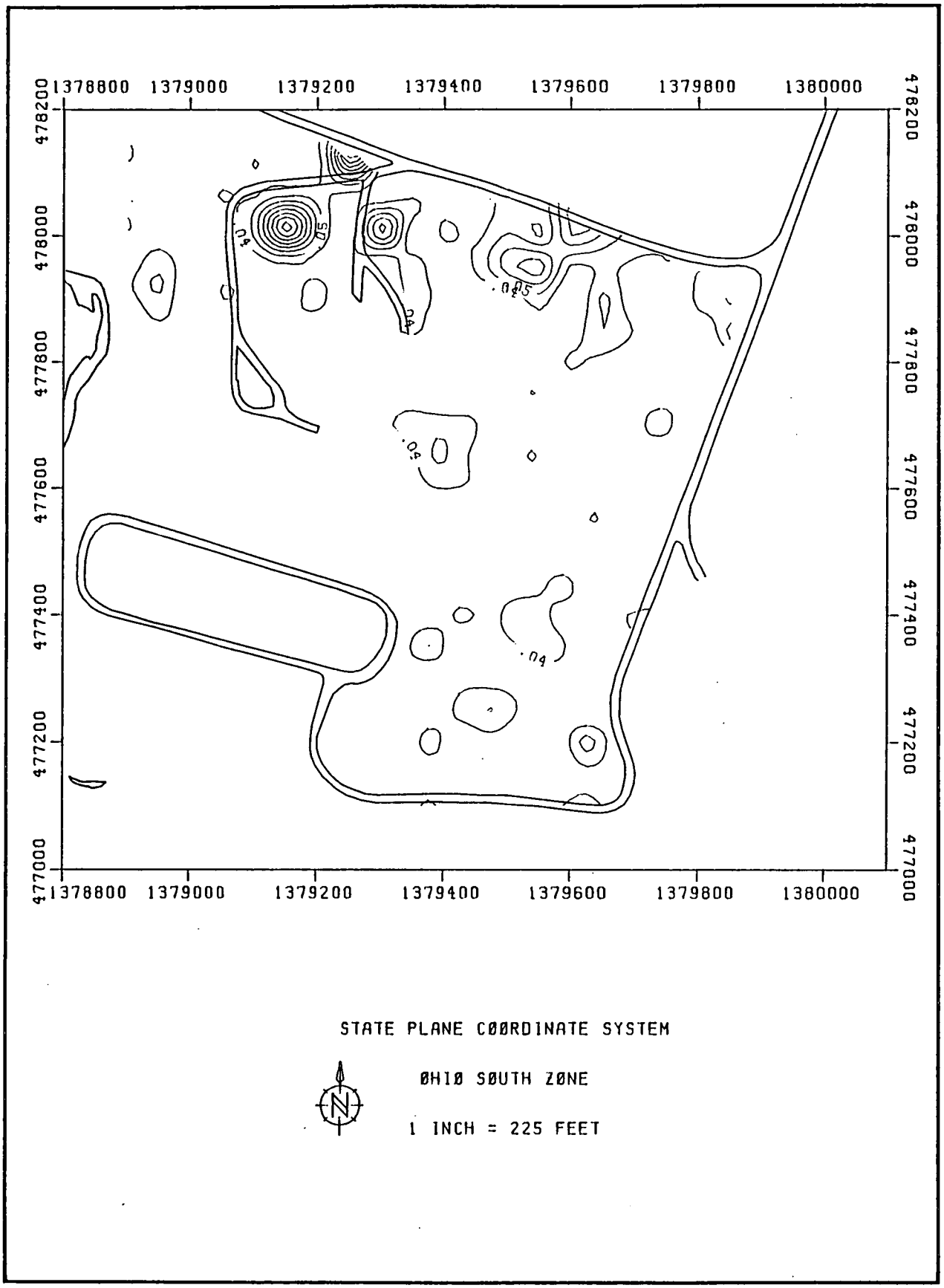


FIGURE 3-6 BETA GAMMA DOSE RATE CONTOURS IN THE FLY ASH AREA (mRad/hr) CONTOUR INTERVAL IS .01 mRad/hr

rate at each sampling location would be developed. This technique has been used successfully at other sites where uranium was distributed in the upper few inches of surface soil. Following a series of exploratory measurements, it was determined that FIDLER measurements were influenced significantly by radiation from silos 1 and 2 and from material stored near a fence that separated the Waste Storage Area from the production center, as described as follows.

Fifteen locations were selected at a distance approximately 1,300 feet from the midpoint between silo 1 and silo 2. Soil samples at 0 to 2 inches were collected, and FIDLER measurements were made. The linear relationship between soil concentration of uranium (in pCi/g) and FIDLER response (in counts per minute) may be expressed as:

$$y = mx + b$$

where:

y = U-238 pCi/g
m = slope of the regression
b = the y intercept

For the correlation between soil concentration (0 to 2 inches) and FIDLER response 1,300 feet from the silos, the relationship is:

$$y(pCi/g) = (2.6 \times 10^{-3}) \times FIDLER\ (cpm) - 46$$

For a U-238 concentration of 35 pCi/g, the calculated FIDLER response is 31,800 cpm with a correlation coefficient of 0.95. This may be described as the FIDLER response to 35 pCi/g in soil plus its normal response to background radiation (8,600 cpm) as well as to direct and air-scattered radiation 1,300 feet from the midpoint between silos 1 and 2.

Because it was intended that FIDLER measurements were to be made at distances less than 1,300 feet from the silos, a study was performed to evaluate the FIDLER'S response to air-scattered gamma rays as a function of the distance from the silos. Measurements were made along a line south of the silos and extending from 600 feet to 1,700 feet. It was assumed that the concentration of uranium in surface soil was negligible and that the concentration of radon and its progeny at each interval along the traverse would be the same in any direction. (In reality, this latter assumption is true only when winds are

calm.) The results of this survey are presented in Table 3-4. At a distance of 1,300 feet south of the silos, the FIDLER response was 13,800 cpm, which is about 5,000 cpm above the average FIDLER response from 15 off-site background stations of 8,641 cpm. Data in this table also suggest that silo radiation will influence FIDLER measurements to a distance of at least 1,600 feet.

To properly account for the contribution of silo radiation to FIDLER data, the earlier correlation between the FIDLER count rate and U-238 in surface soil was modified. The actual FIDLER response to 35 pCi/g was estimated by subtracting the Table 3-4 value at 1,300 feet (13,800 cpm) from the soil-to-FIDLER correlation at 1,300 feet (31,800 cpm for 35 pCi/g). The result suggests that the actual response of the FIDLER to 35 pCi/g in surface soil was 18,000 cpm. Therefore, for each measurement distance in Table 3-4, the observed count rate was increased by 18,000 cpm. These values are shown in Table 3-5 and were used by the field staff to select biased soil sampling locations. Data from FIDLER grid and FIDLER on-surface field measurement logbook forms were reviewed to determine FIDLER count rates greater than the Table 3-5 value for 1,700 feet, namely 26,600 cpm. A soil sample location was established when this count rate was exceeded at distances of 1,700 feet or more from the silos. For measurement locations between 600 and 1,700 feet from the silos, a soil sample location was established if the FIDLER measurement was equal to or greater than the value for that distance as given in Table 3-5.

FIDLER data were not used to select sampling locations at distances closer than 600 feet from the silos, nor were these data used to select sampling locations in an area along the production center's western perimeter fence. In these areas and along drainages in the Waste Storage Area, samples were collected at locations based on systematic sampling at regular 100-foot grid intervals.

3.4.2 On-Site Gamma Spectroscopy Results

High resolution gamma-ray spectroscopy was used to determine the activity concentrations of gamma-ray emitting radioisotopes in the surface soil samples taken from the FMPC storage areas. In addition, selected samples were sent to TMA/Eberline for analysis of the isotopic concentrations of uranium, thorium, and plutonium, and for other radionuclides not detected using gamma-ray spectral techniques. The radiochemical results are presented and discussed in Subsection 3.4.3.

Table 3-4

FIDLER Response as a Function of Distance from the Midpoint Between Silo 1 and Silo 2

Distance (feet)	FIDLER Response to Radiation from Silos and Background (counts per minute)
600	36,500
700	31,500
800	27,500
900	24,000
1,000	20,500
1,100	18,000
1,200	15,500
1,300	13,800
1,400	11,800
1,500	10,200
1,600	9,000
1,700	8,600

Table 3-5

FIDLER Response to Gamma Radiation from Silo 1 and Silo 2 Plus Radiation from 35 pCi/g U-238 in Surface Soil

Distance (feet)	FIDLER Response to Radiation from Silos, Background, and 35 pCi/g U-238 (counts per minute)
600	54,500
700	49,500
800	45,500
900	42,000
1,000	38,500
1,100	36,000
1,200	33,500
1,300	31,800
1,400	29,800
1,500	28,200
1,600	27,000
1,700	26,600

The results of analyses for U-238, Ra-226, Th-232, and Cs-137 were compiled, and ranges of activity concentrations have been posted in order to provide detailed plan views at depths of 0 to 6, 6 to 12, and 12 to 18 inches. These results are discussed as follows. Appendix A presents the raw data by grid location.

U-238 Activity Concentrations in the Waste Storage Area

Figures 3-7, 3-8, and 3-9 present the surface (0- to 6-inch) and intermediate depth (6- to 12- and 12- to 18-inch) U-238 activity concentration ranges from soil samples taken in the Waste Storage Area. Figure 3-7 shows that surface U-238 concentrations are elevated around the perimeter of pit no. 6 and east of pit nos. 1 and 2. In addition, several locations in the general Waste Storage Area had U-238 activity concentrations above 35 pCi/g. These areas included: the access road south of pit no. 6; along the access road that leads south and east of the sanitary landfill; several locations on the covers of the sanitary landfill and pit nos. 1, 3, and 4; at several locations along the access road that leads into the production facility; and at several locations along the K-65 slurry line.

As noted in the previous paragraph, the periphery of pit no. 6 has numerous locations where U-238 activity is elevated. This pit contains fine particulate process residues, filter cake, and green salt. The U-238 concentrations in pit no. 6 ranged from 2,810 to 10,900 pCi/g as measured in the on-site laboratory using gamma spectroscopy. Figures 3-8 and 3-9 show that the elevated U-238 activity concentrations have decreased to below 35 pCi/g as a function of depth except at one location on the southwestern corner of pit no. 6 where the 6- to 12-inch and 12- to 18-inch soil samples were above 35 pCi/g.

The elevated U-238 activity concentrations in the upper 6 inches of soil along various access roads and in the general Waste Storage Area (and the sanitary landfill) decrease significantly with depth. At the 18-inch depth, only three locations near the southeastern periphery of pit no. 1 and a single location at the southwestern corner of the sanitary landfill have U-238 activity concentrations greater than 35 pCi/g. U-238 activity near pit no. 1 is not unlikely since the sampling of the pit contents showed that the U-238 activity concentrations ranged from 197 to 679 pCi/g as measured in the on-site laboratory. It should also be noted that there is an association between elevated FIDLER readings and horizontal dipole apparent conductivity contours in the area south of pit no. 2 and east of the southeastern corner of pit no. 1.

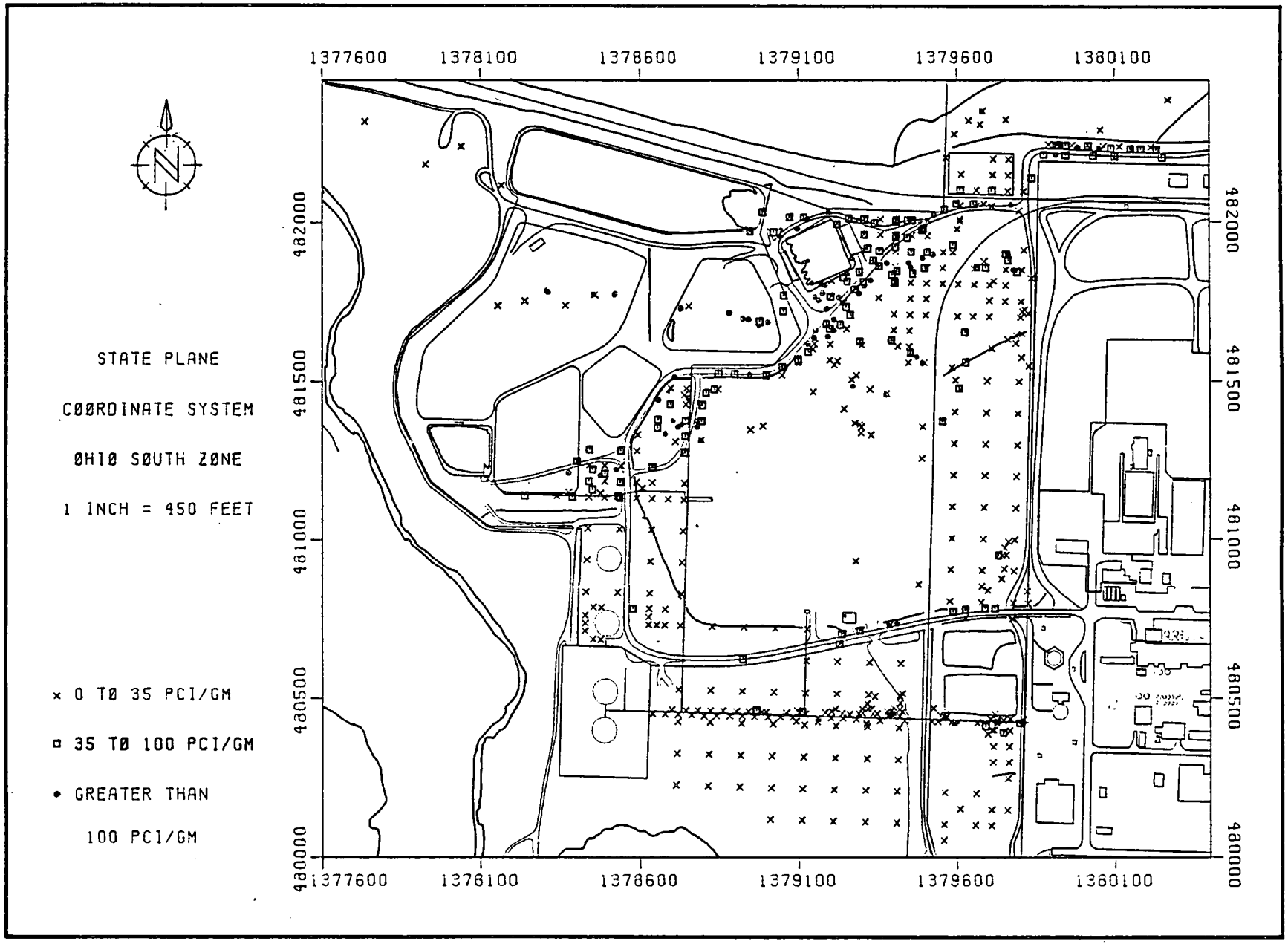


FIGURE 3-7 U-238 CONCENTRATIONS IN SURFACE SOILS OF WASTE STORAGE AREA (0-6 INCH)

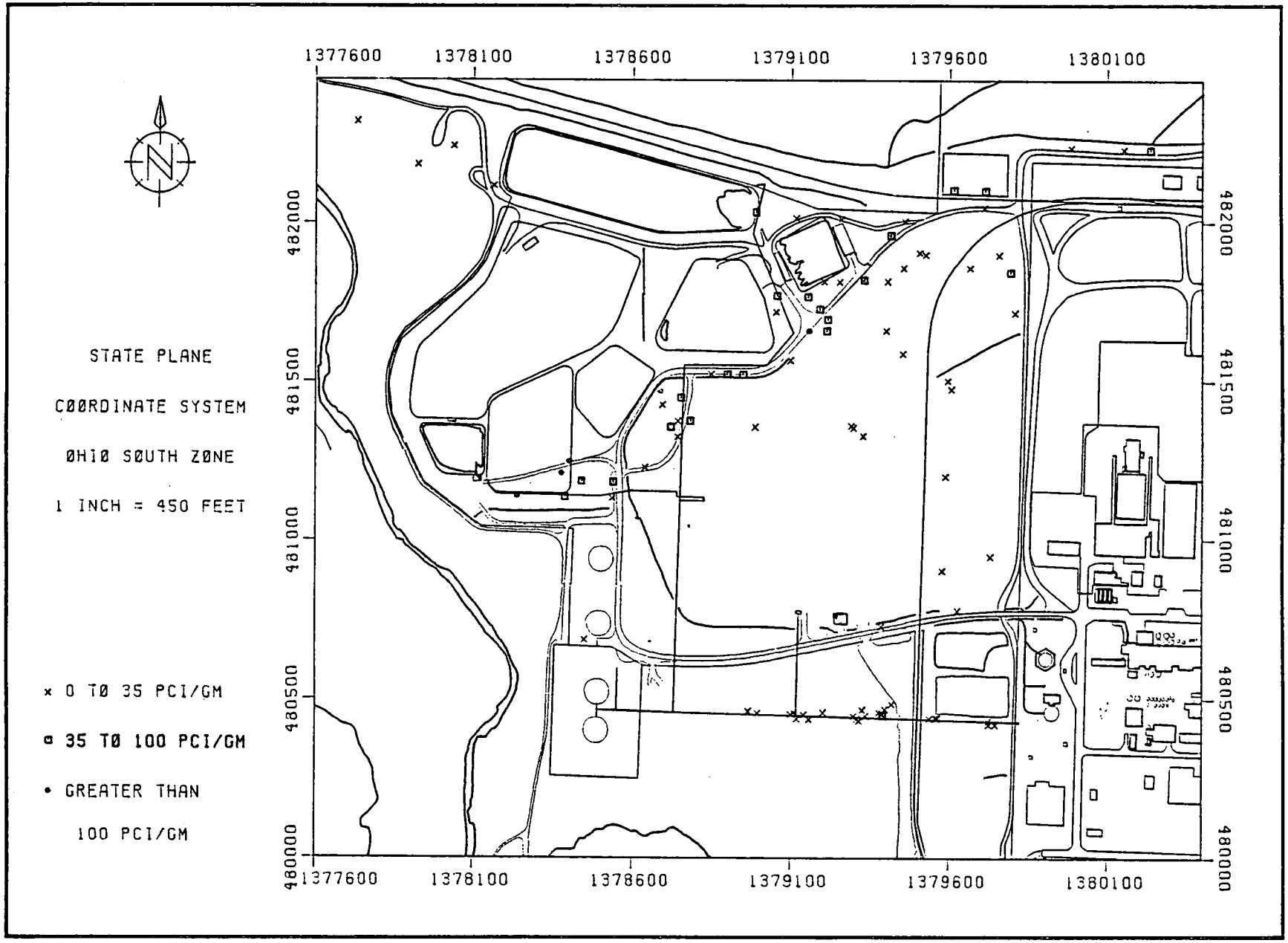


FIGURE 3-8 U-238 CONCENTRATIONS NEAR SURFACE SOILS OF WASTE STORAGE AREA (6-12 INCH)

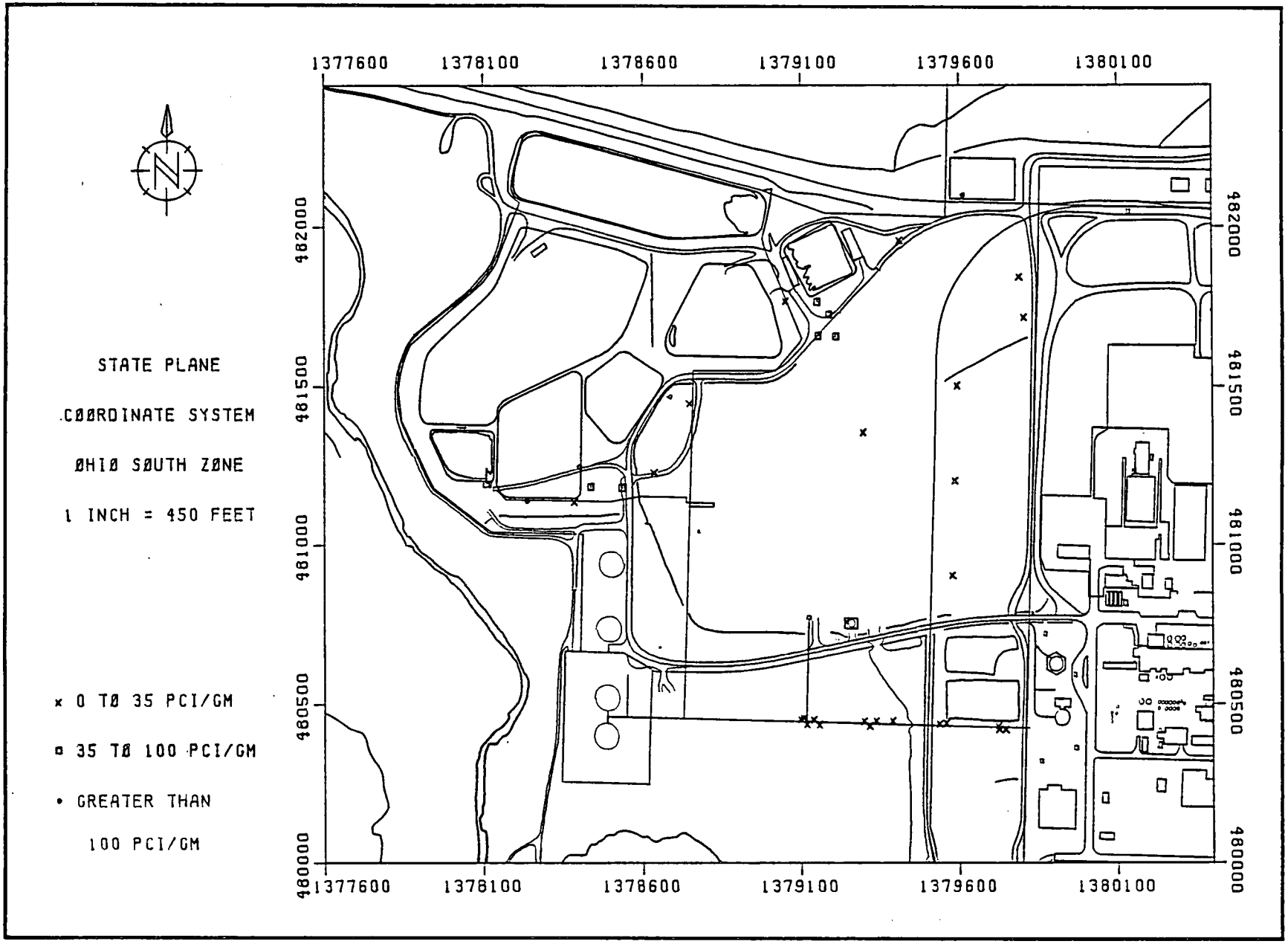


FIGURE 3-9 U-238 CONCENTRATIONS NEAR SURFACE SOILS OF WASTE STORAGE AREA (12-18 INCH)

U-238 Activity Concentrations in the Upper and Lower Fly Ash Areas

Figures 3-10, 3-11, and 3-12 present the surface (0- to 6-inch) and intermediate (6- to 12-inch and 12- to 18-inch) U-238 activity concentrations in the upper and lower fly ash areas. Figure 3-10 shows that there are elevated (>100 pCi/g) U-238 concentrations in an area west of the upper fly ash pile access road and two locations (>35 pCi/g) on the access road. In addition, there are several locations in the construction rubble north of the upper fly ash pile in which the U-238 activity concentrations exceeded 35 pCi/g as measured in the on-site gamma spectroscopy laboratory.

Figure 3-11 (6- to 12-inch) shows that the construction rubble north of the upper fly ash pile continued to have several locations where the U-238 activity concentrations exceeded 35 pCi/g. One location, just south of the access road, exceeded 100 pCi/g. Results of analyses for profile samples taken during borehole drilling in the fly ash area showed rather heterogeneous U-238 activity concentrations ranging from below detection levels to approximately 160 pCi/g.

Ra-226 Activity Concentrations in the Waste Storage Area

Figures 3-13, 3-14, and 3-15 present the surface (0- to 6-inch) and intermediate depth (6- to 12-inch and 12- to 18-inch) Ra-226 activity concentration ranges from soil samples taken in the Waste Storage Area. Figure 3-13 shows that the areal extent of above background activity concentrations of Ra-226 is quite low. Only two sample locations show Ra-226 in excess of 15 pCi/g. These are just east of the access road east of the metal oxide silo and a location in the center of the Waste Storage Area. Several areas have Ra-226 activity concentrations between 5 and 15 pCi/g. These locations are just south of pit no. 6, southeast of pit no. 2, just east of the railroad tracks in the center of the Waste Storage Area, and at several locations around the metal oxide silo. These locations correlate well with locations having significant concentrations of U-238 (see Figure 3-7).

Figures 3-14 and 3-15 show that the Ra-226 activity concentrations drop to below 5 pCi/g for sampling depths below 6 inches. This also correlates with the U-238 concentration data presented in Figures 3-8 and 3-9.

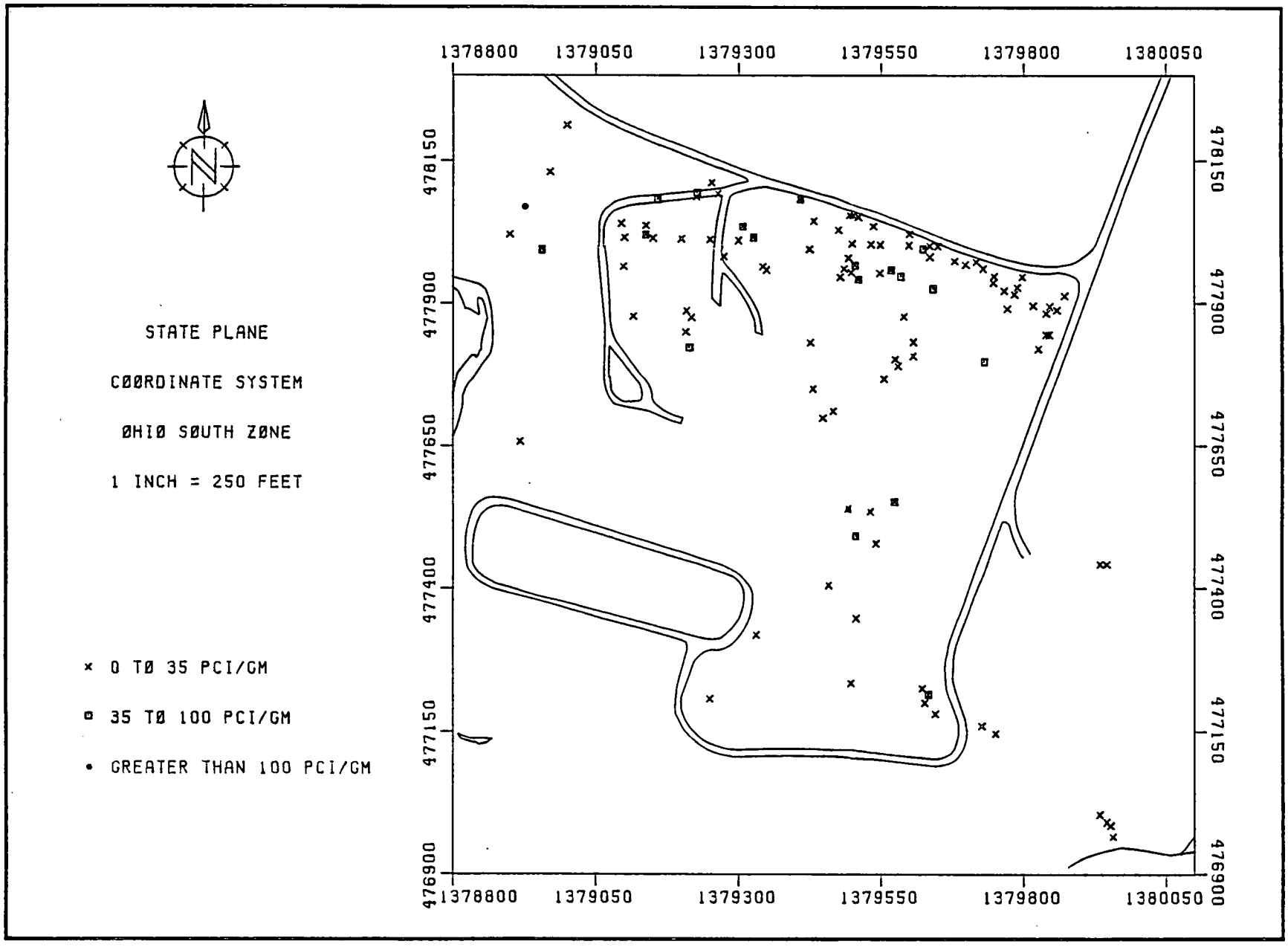


FIGURE 3-10 U-238 CONCENTRATIONS IN SURFACE SOILS OF FLY ASH AREA (0-6 INCH)

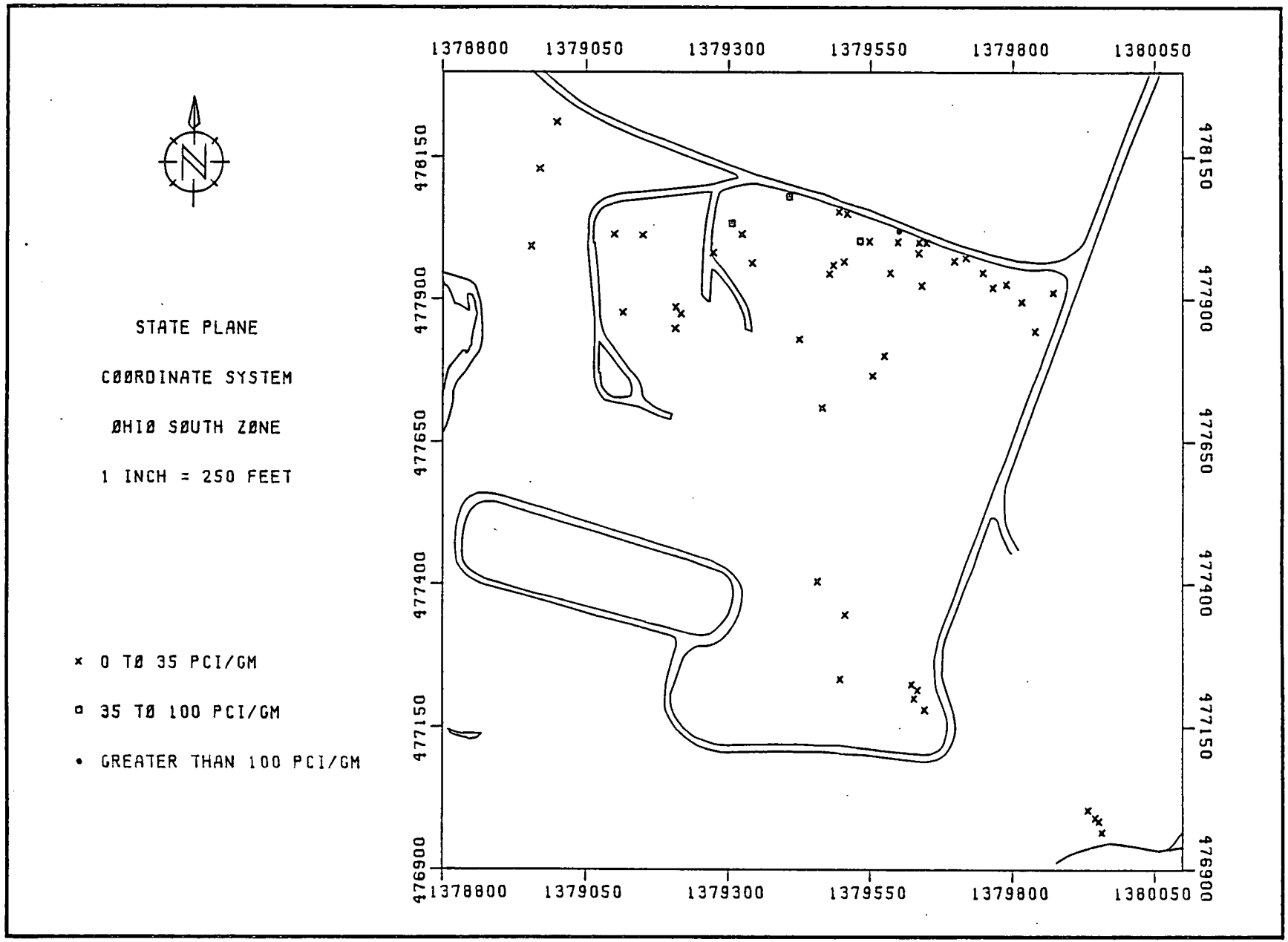


FIGURE 3-11 U-238 CONCENTRATIONS IN SURFACE SOILS OF FLY ASH AREA (6-12 INCH)

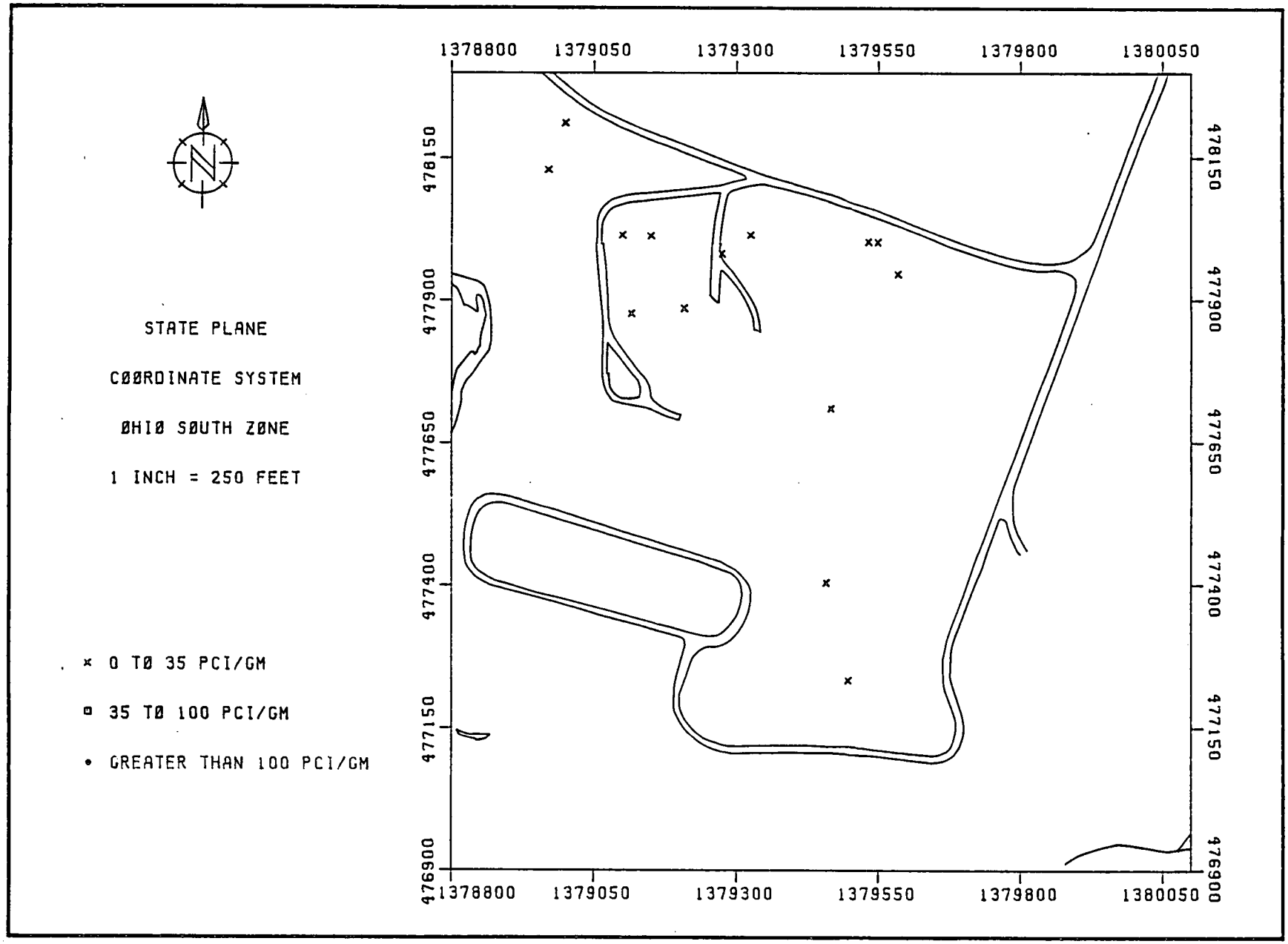


FIGURE 3-12 U-238 CONCENTRATIONS IN SURFACE SOILS OF FLY ASH AREA (12-18 INCH)

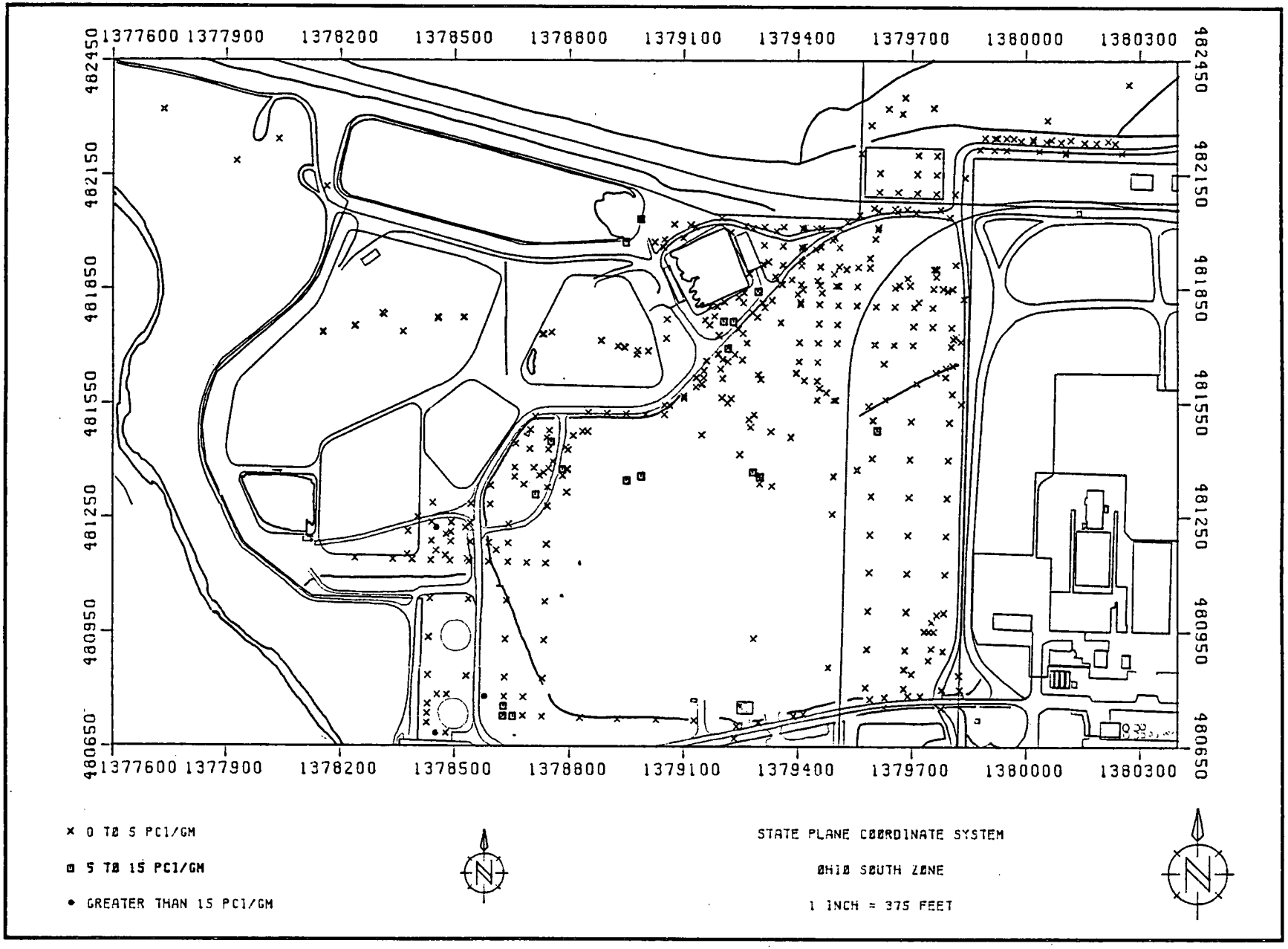


FIGURE 3-13 Ra-226 CONCENTRATIONS IN SURFACE SOILS OF WASTE STORAGE AREA (0-6 INCH)

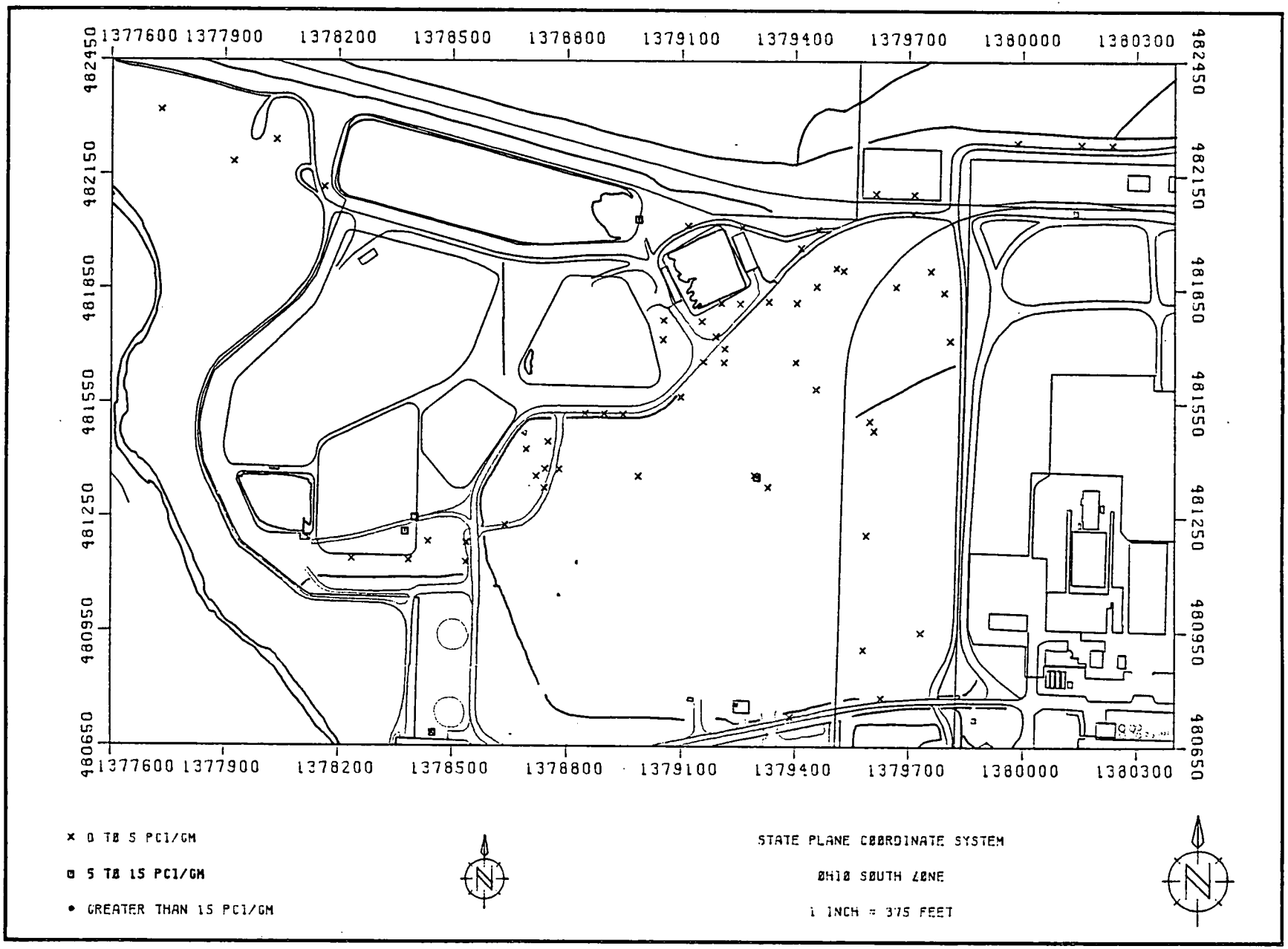


FIGURE 3-14 Ra-226 CONCENTRATIONS NEAR SURFACE SOILS OF WASTE STORAGE AREA (6-12 INCH)

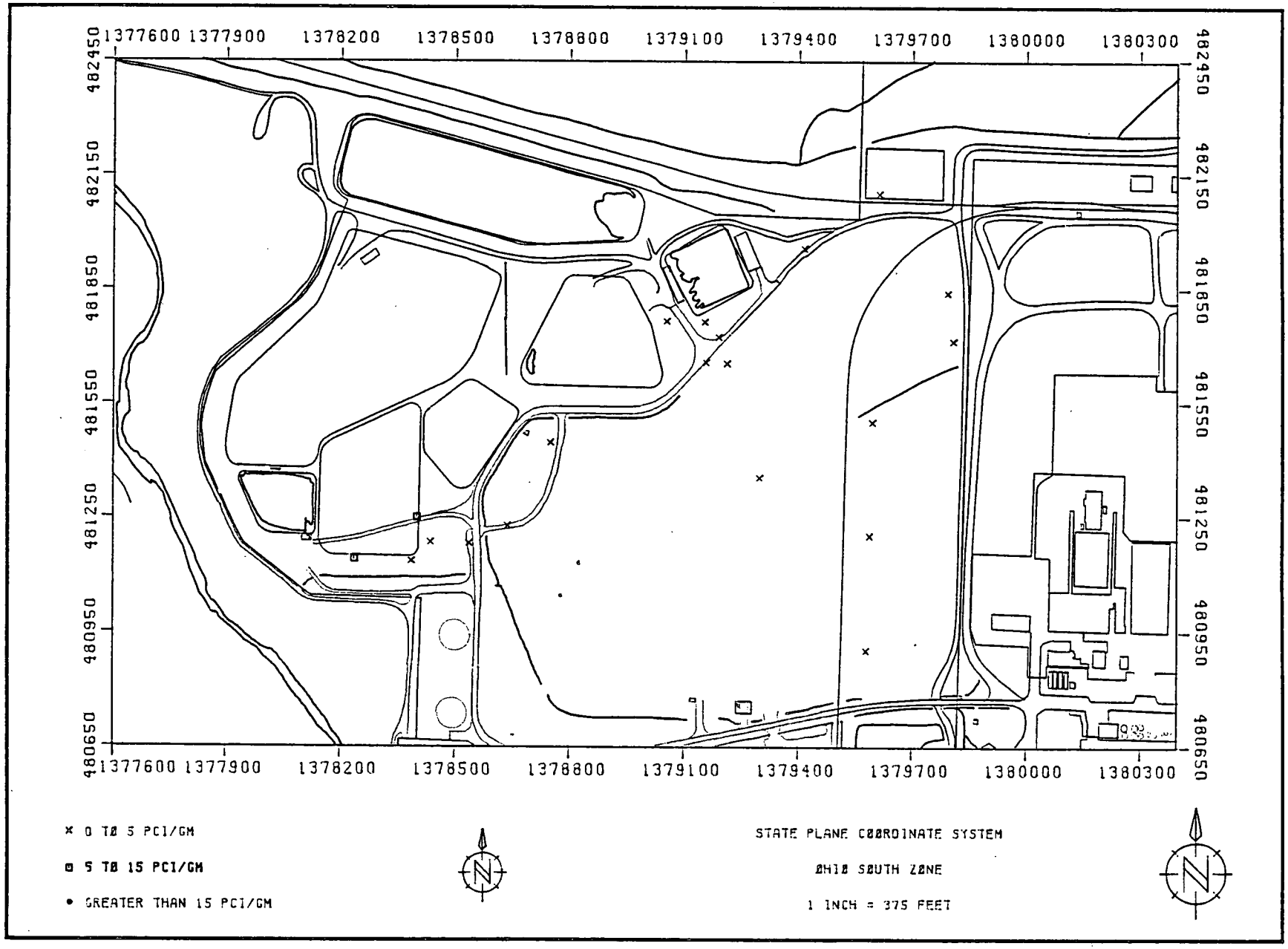


FIGURE 3-15 Ra-226 CONCENTRATIONS NEAR SURFACE SOILS OF WASTE STORAGE AREA (12-18 INCH)

Ra-226 Activity Concentrations in the K-65 Slurry Line Area

Figures 3-16, 3-17, and 3-18 present the Ra-226 activity concentration ranges from surface (0- to 6-inch) and intermediate (6- to 12-inch and 12- to 18-inch) soil samples taken in the K-65 slurry line area. Figure 3-16 shows that the surface Ra-226 activity concentrations are not uniform, but approximately five locations were identified where the activity concentrations exceeded 15 pCi/g. The highest Ra-226 activity concentrations were detected in sample FMP-SS-23-151. This location has an Ra-226 activity of 220 pCi/g. It should be noted that Th-230 activity was also detected in this sample and verified at 2,200 pCi/g using radiochemistry techniques (see Subsection 3.4.3). Figure 3-16 also shows that there were approximately 20 locations in which the Ra-226 activity ranged between 5 and 15 pCi/g.

Figure 3-17 shows three areas where the 6- to 12-inch samples have Ra-226 activity concentrations greater than 15 pCi/g. These samples include: sample FMP-SL-23-122, having Ra-226 activity concentrations of 28 pCi/g; and sample FMP-SL-23-150, having activity concentrations of 42 pCi/g. Th-230 was also detected in sample FMP-SL-23-150 and was verified at 105 pCi/g using radiochemistry techniques.

Figure 3-18 shows only one location in the 12- to 18-inch deep layer in which Ra-226 was elevated. This was sample FMP-SL-23-172, having Ra-226 activity concentrations of approximately 12 pCi/g.

Ra-226 Activity Concentrations in the Fly Ash Areas

Figures 3-19, 3-20, and 3-21 present the surface (0- to 6-inch) and intermediate depth (6- to 12-inch and 12- to 18-inch) Ra-226 activity concentration ranges from soil samples taken in the upper and lower fly ash areas. Figure 3-19 shows that the Ra-226 concentrations near the upper fly ash pile construction rubble cover a rather large area and are slightly elevated when compared to the U-238 activity concentrations.

Fly ash, a waste product of coal-fired power plants, is a potential source of the uranium and radium that were detected at lower concentrations in some of the samples from this area. Based on several studies, fly ash can have up to 10 pCi/g of U-238 (Klein, Pathways of Trace Elements Through Coal-Fired Power Plants. Environ. Sci. Technol. 9:973-979,1079). However, the higher activity concentrations of uranium, radium, and thorium in the construction rubble have their origin from another source.

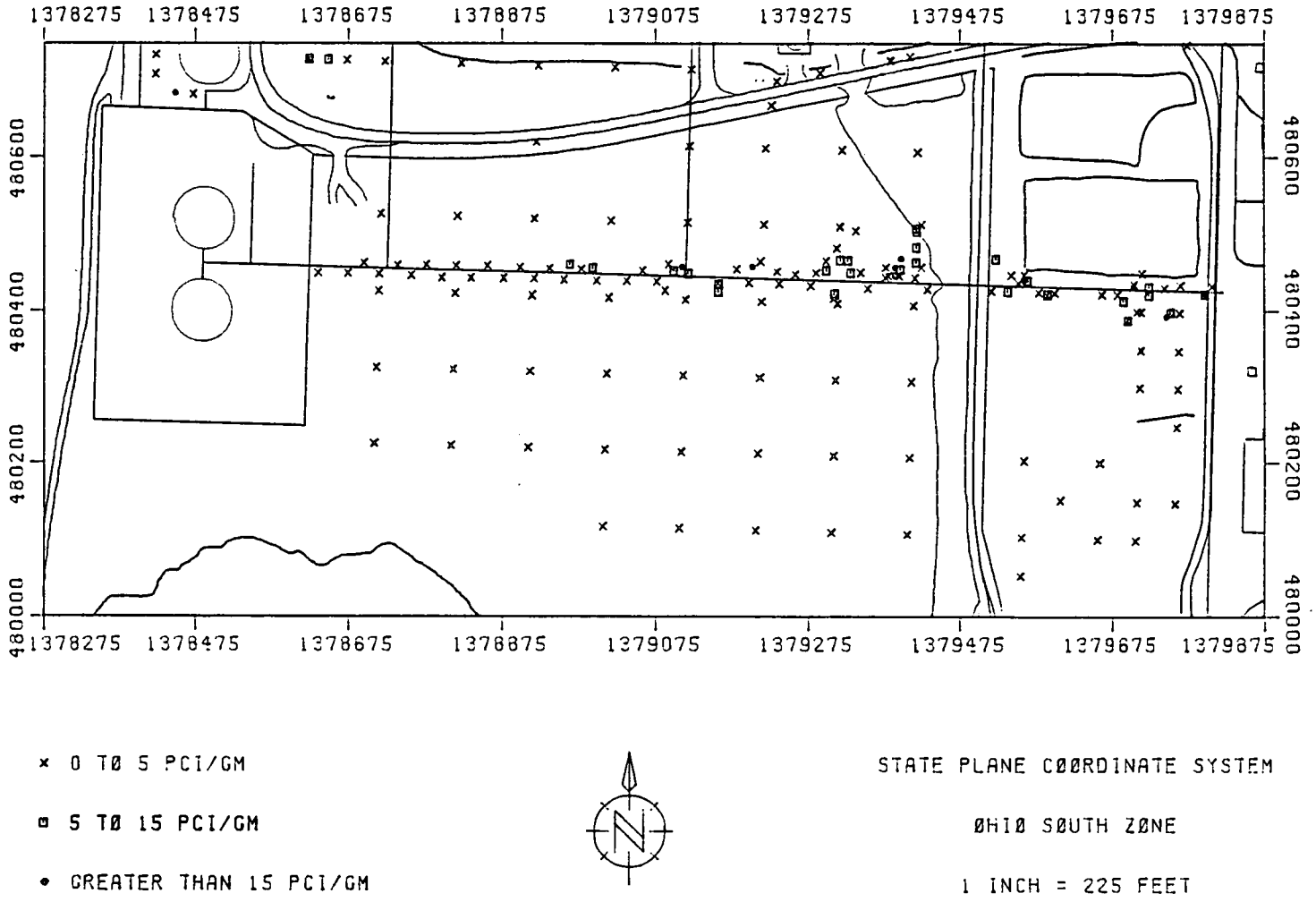


FIGURE 3-16 Ra-226 CONCENTRATIONS IN SURFACE SOILS OF K-65 SLURRY LINE AREA (0-6 INCH)

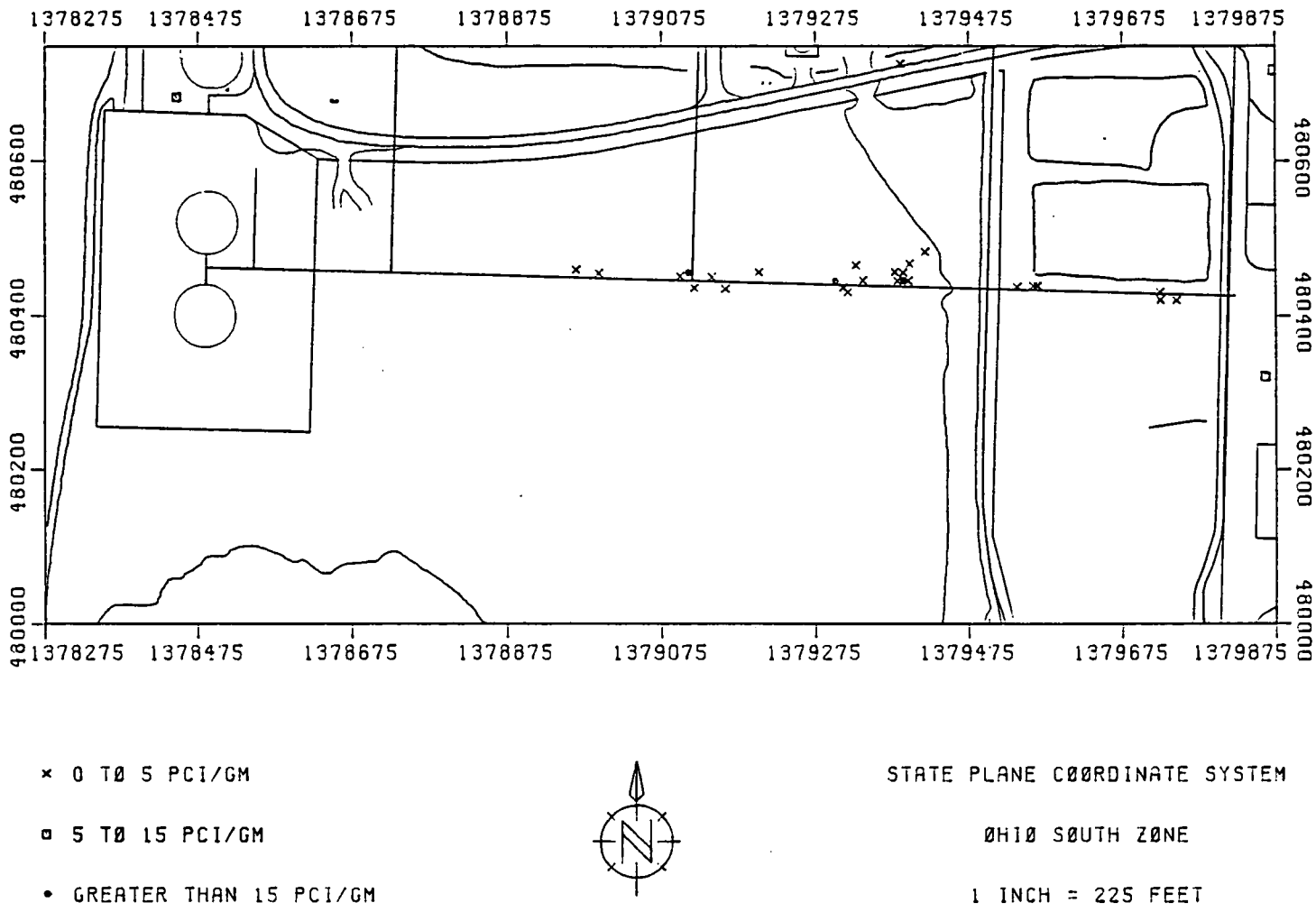


FIGURE 3-17 Ra-226 CONCENTRATIONS NEAR SURFACE SOILS OF K-65 SLURRY LINE AREA (6-12 INCH)

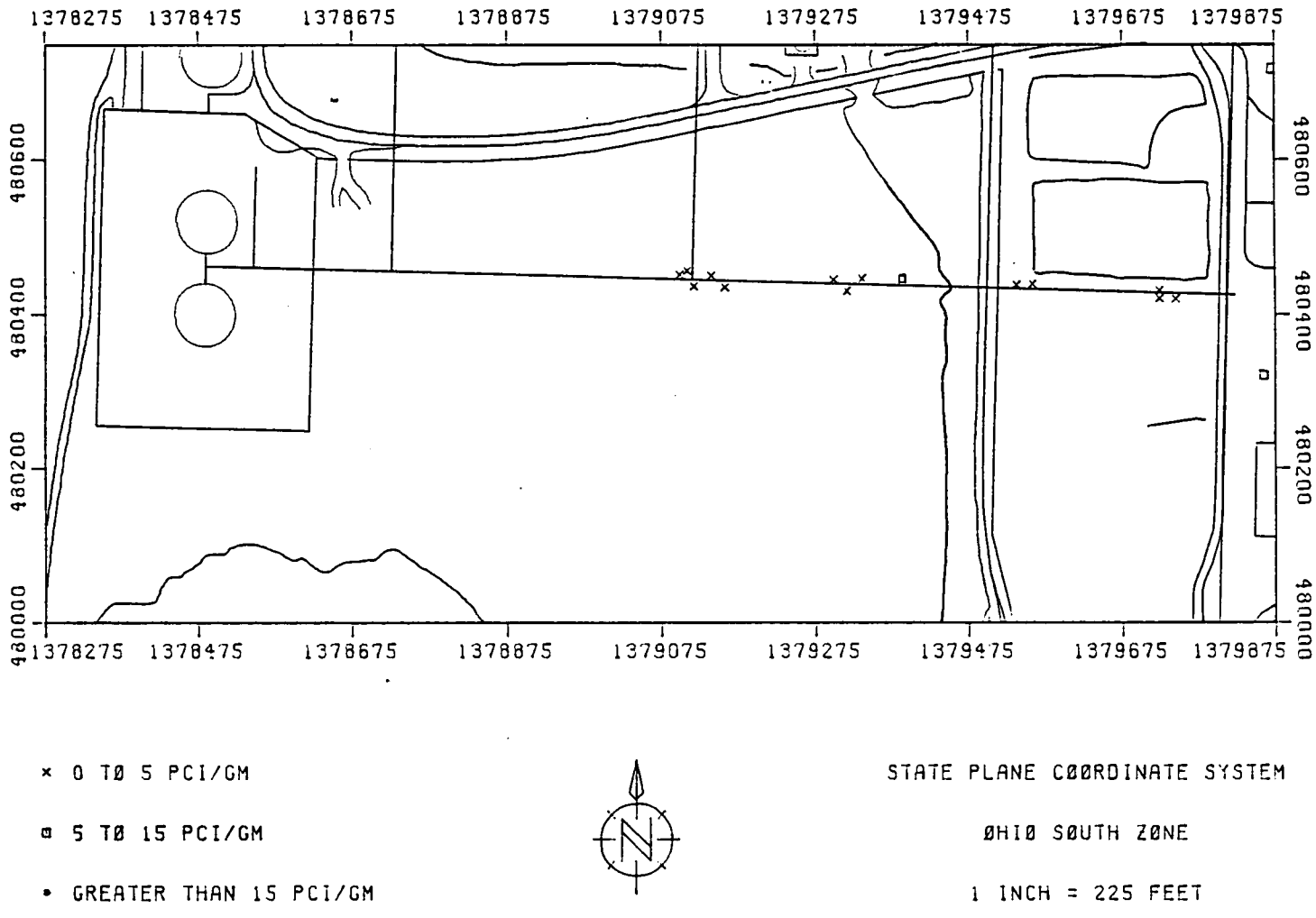


FIGURE 3-18 Ra-226 CONCENTRATIONS NEAR SURFACE SOILS OF K-65 SLURRY LINE AREA (12-18 INCH)

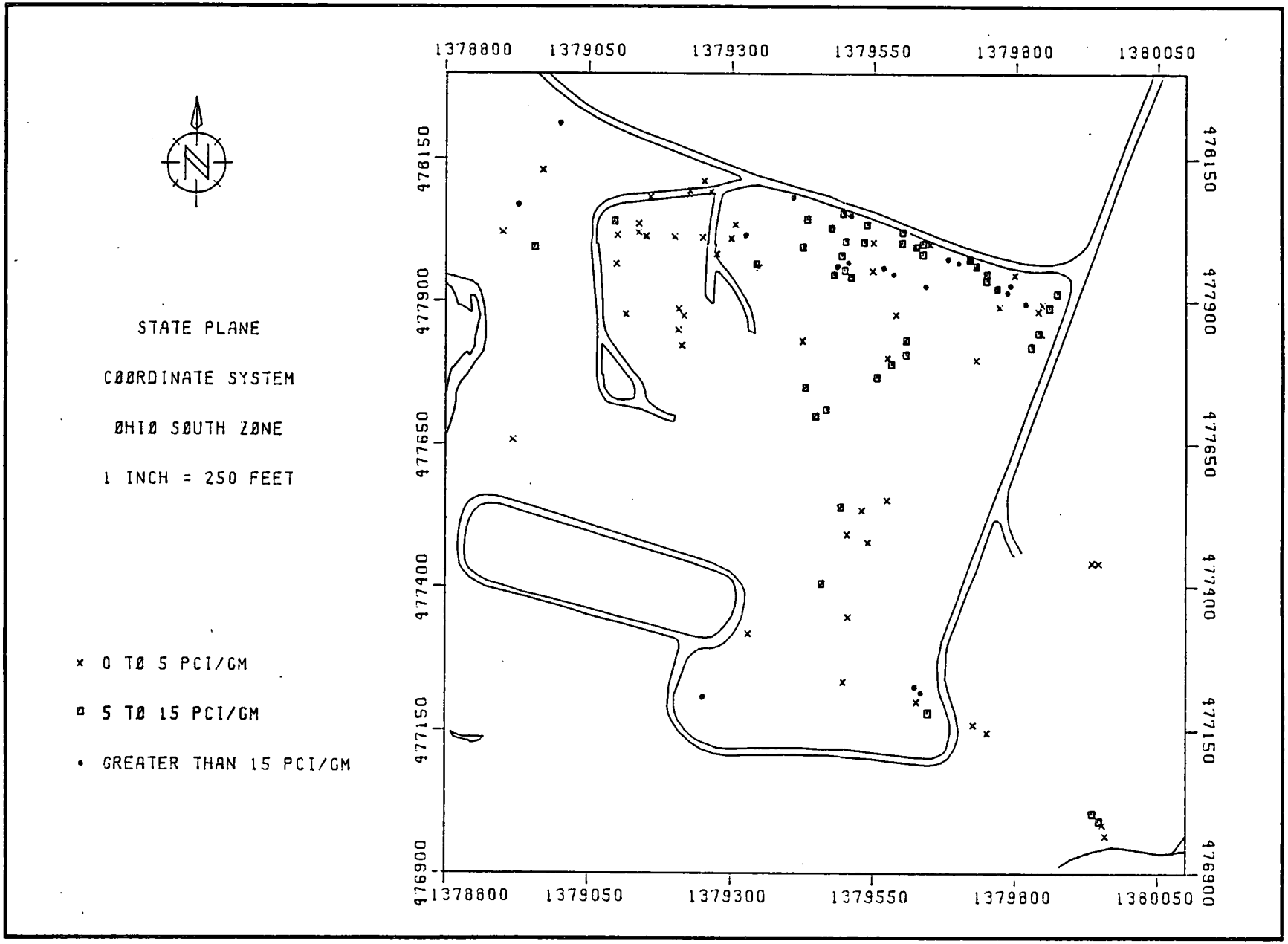


FIGURE 3-19 Ra-226 CONCENTRATIONS IN SURFACE SOILS OF FLY ASH AREAS (0-6 INCH)

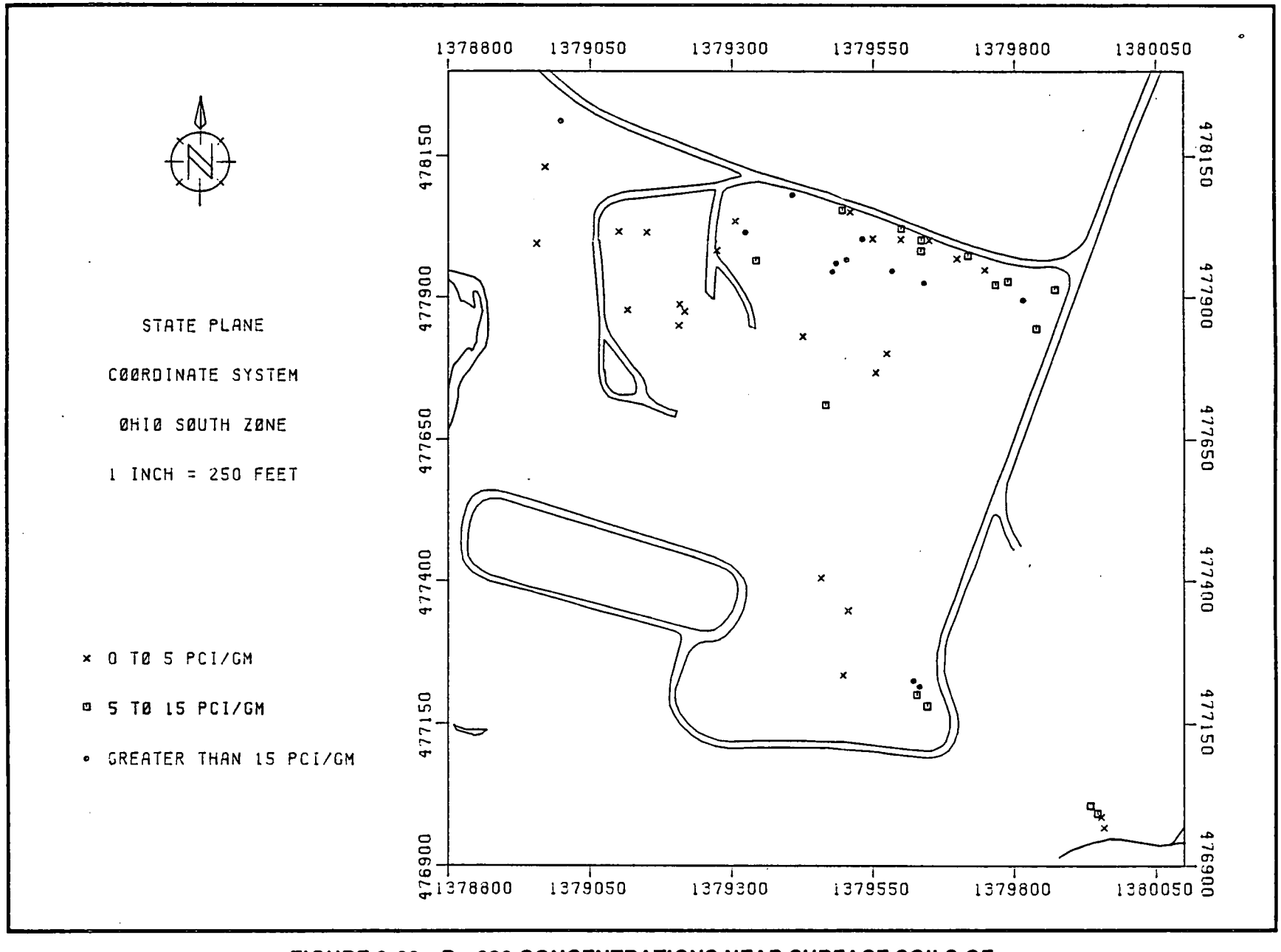


FIGURE 3-20 Ra-226 CONCENTRATIONS NEAR SURFACE SOILS OF FLY ASH AREAS (6-12 INCH)

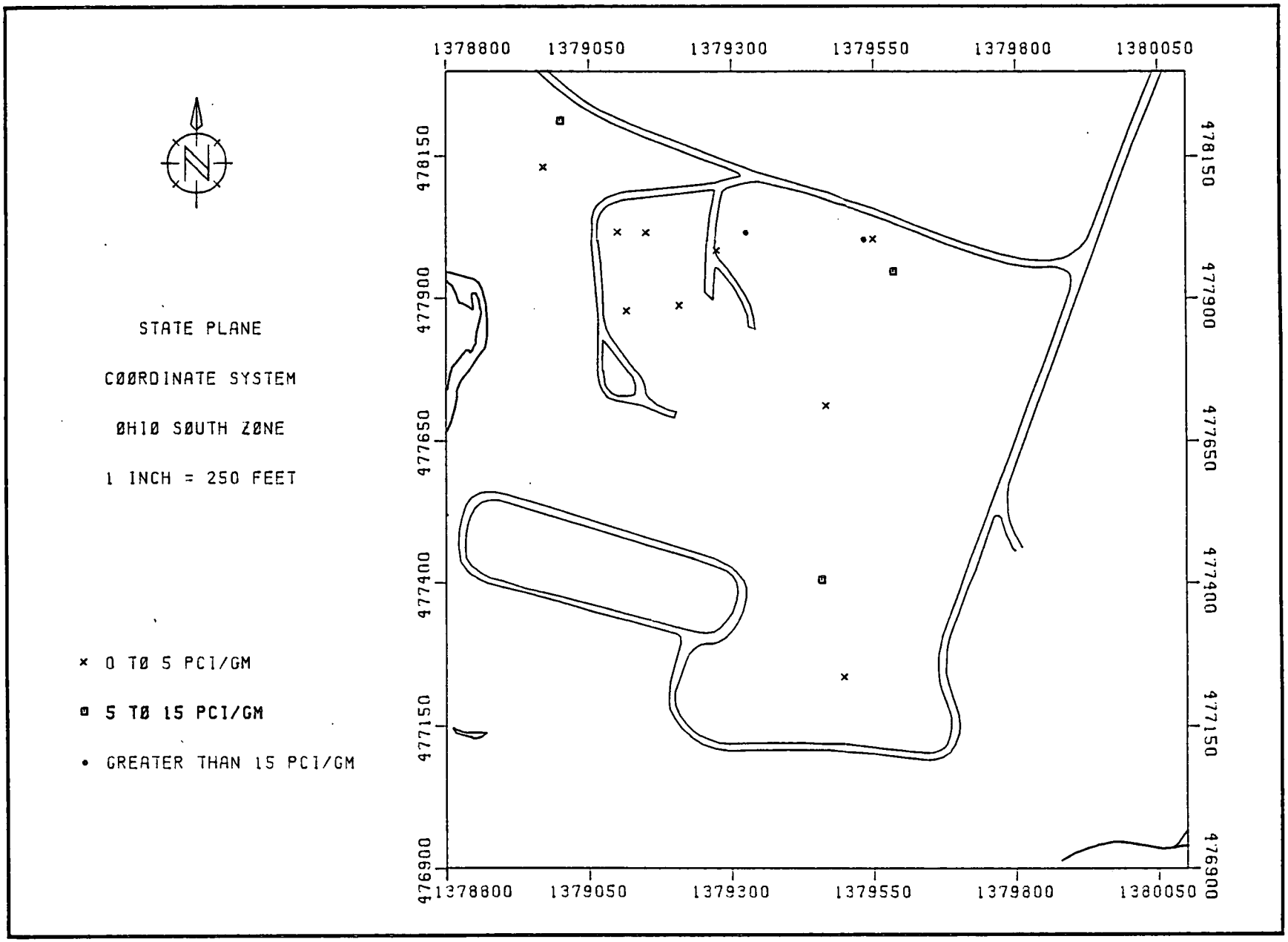


FIGURE 3-21 Ra-226 CONCENTRATIONS NEAR SURFACE SOILS OF FLY ASH AREAS (12-18 INCH)

The intermediate depth (6- to 12-inch) samples shown in Figure 3-20 reveal elevated Ra-226 activity concentrations in the construction rubble and west of the access road leading to the running track. Note that these locations correlate well with the elevated surface (0- to 6-inch) sample results. Only a few locations were sampled to depths of 18 inches (Figure 3-21) and of those, two had Ra-226 activity concentrations exceeding 15 pCi/g and three had activity concentrations ranging from 5 to 15 pCi/g as measured by gamma spectroscopy.

In the lower fly ash area, there were two locations near the southeastern corner of the pile in which Ra-226 activity concentrations in surface soil were between 5 and 15 pCi/g. In all intermediate samples, the activity concentrations were less than 15 pCi/g.

Th-232 Activity Concentrations in Waste Storage Area

Figures 3-22, 3-23, and 3-24 present the surface (0- to 6-inch) and intermediate depth (6- to 12-inch and 12- to 18-inch) Th-232 activity concentration ranges in the Waste Storage Area. The background data presented in Subsection 3.1.2 show that the average Th-232 activity concentrations are approximately 1 pCi/g. Figure 3-22 shows that the majority of the surface samples taken in the Waste Storage Area range from 1 to 5 pCi/g. Several locations, mostly associated with elevated U-238 activity, have Th-232 activity concentrations ranging from 5 to 15 pCi/g. These include areas around the periphery of pit no. 6, south of the access road next to the sanitary landfill, east of the access road next to pit no. 2, at several locations along the K-65 slurry line, east of the metal oxide silo, and at several locations near the railroad tracks in the center of the Waste Storage Area.

Several locations in the Waste Storage Area have Th-232 activity concentrations exceeding 15 pCi/g. These locations include: an area south of pit no. 6, an area south of the sanitary landfill, an area east of pit no. 2, and several locations along the K-65 slurry line.

Figure 3-23 shows that for the 6- to 12-inch deep samples taken, only five have detectable Th-232 concentrations ranging from 5 to 15 pCi/g. These include areas adjacent to the southern and eastern edges of pit no. 1, several locations along the K-65 slurry line, and a location east of the sanitary landfill along the access road. A location south of pit no. 1 showed an activity concentration of Th-232 at 16 pCi/g, while U-238 was 133 pCi/g as measured by gamma spectroscopy.

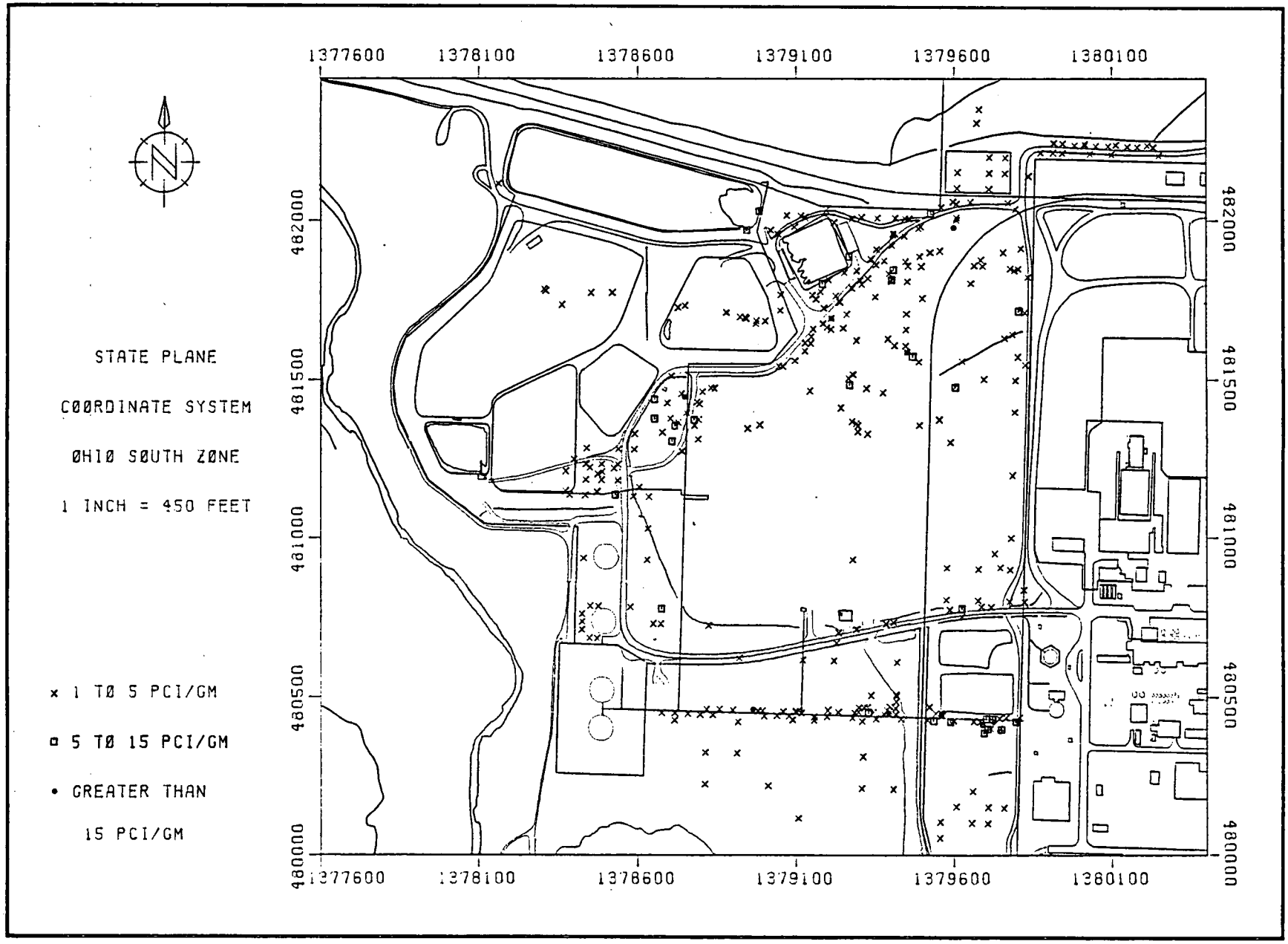


FIGURE 3-22 Th-232 CONCENTRATIONS IN SURFACE SOILS OF WASTE STORAGE AREA (0-6 INCH)

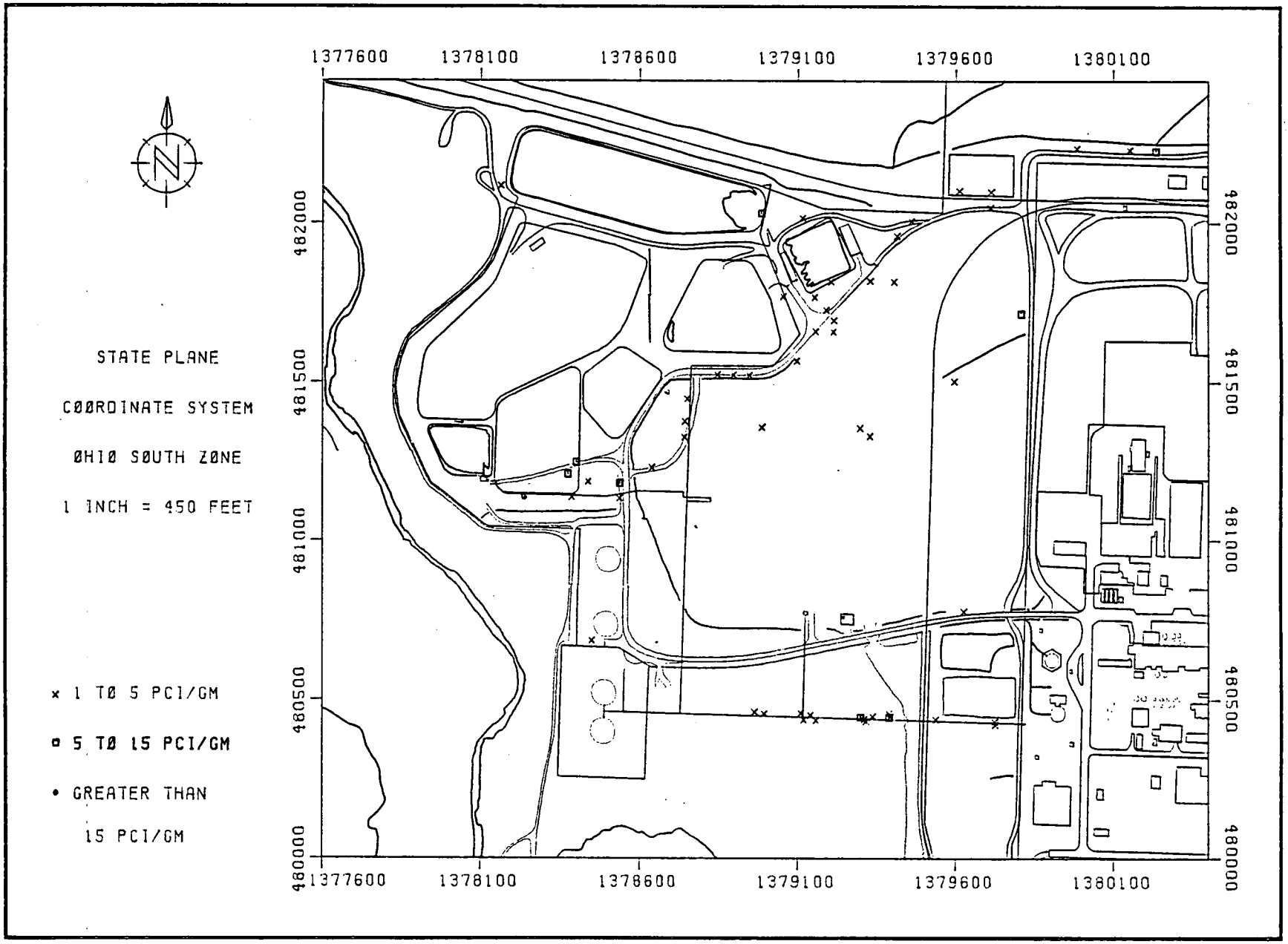


FIGURE 3-23 Th-232 CONCENTRATIONS NEAR SURFACE SOILS OF WASTE STORAGE AREA (6-12 INCH)

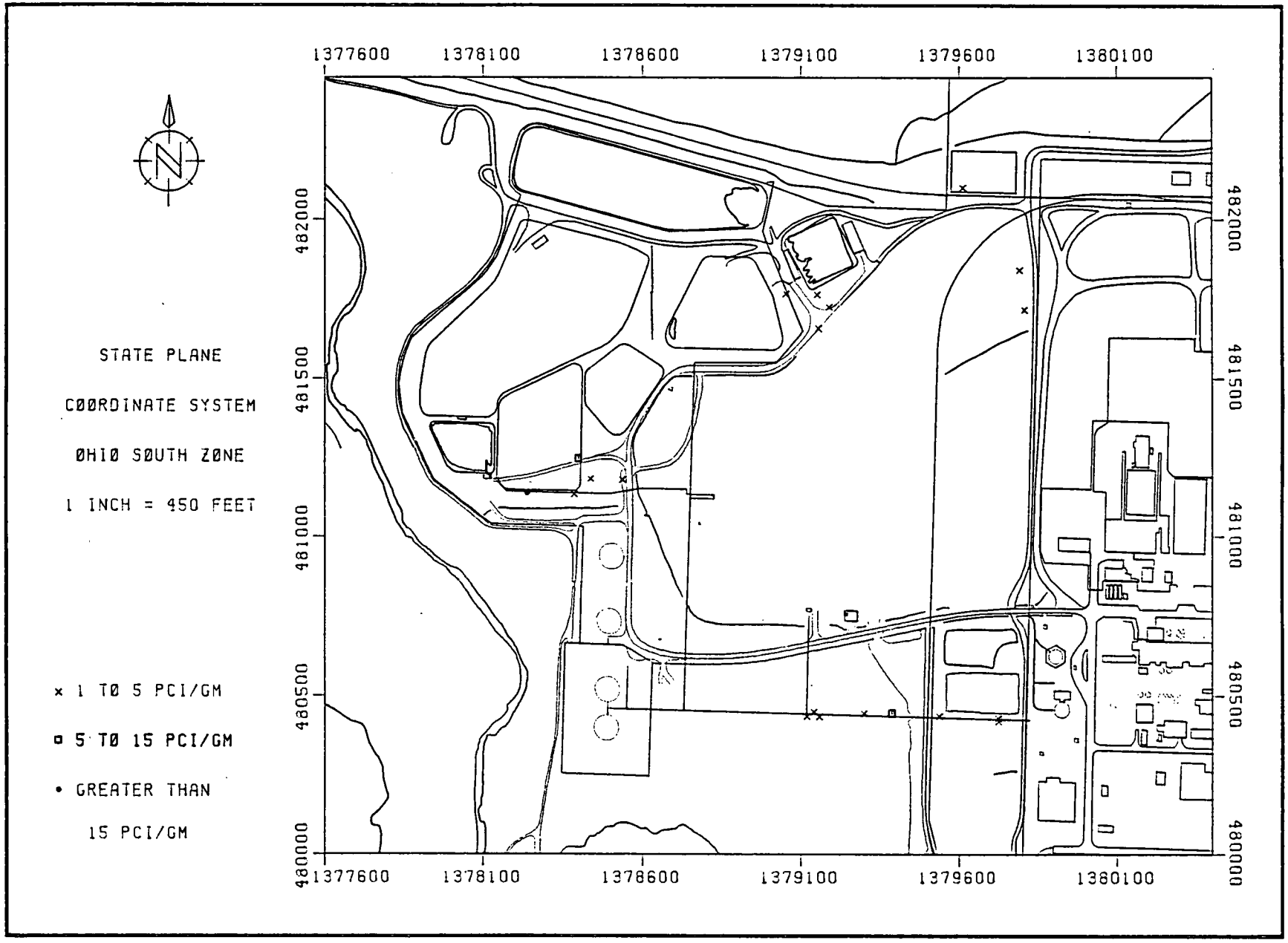


FIGURE 3-24 Th-232 CONCENTRATIONS NEAR SURFACE SOILS OF WASTE STORAGE AREA (12-18 INCH)

Figure 3-24 shows that for the 12- to 18-inch samples taken, only two locations had Th-232 activity concentrations ranging from 5 to 15 pCi/g. These included the same location south of pit no. 1 in which Th-232 measured 170 pCi/g, and suggest the presence of elevated Th-232 at greater depths. The second location was near the center of the K-65 slurry line.

Th-232 Activity Concentrations in the Fly Ash Area

Figures 3-25, 3-26, and 3-27 present the surface (0- to 6-inch) and intermediate (6- to 12-inch and 12- to 18-inch) Th-232 activity concentration ranges from soil samples taken in the upper and lower fly ash areas. Figure 3-25 shows that many of the locations that have elevated Th-232 activity concentrations are those that also have elevated uranium and radium activity concentrations. Locations that have Th-232 activity concentrations greater than 15 pCi/g include: an area west of the access road into the upper fly ash area, several locations east of this access road, and a location on the steep berm northeast of the running track.

There are numerous locations in which surface soil samples ranged between 5 and 15 pCi/g. These include: a location south of the lower fly ash area, on the berm northeast of the running track, at several locations in the construction rubble, at two locations west of the access road to the lower fly ash area, and at locations east and west of the access road to the upper fly ash area.

Figure 3-26 shows several locations that have elevated Th-232 in samples taken at the intermediate depth of 6 to 12 inches. These include three locations where Th-232 activity concentrations exceeded 15 pCi/g and five locations where the concentrations ranged from 5 to 15 pCi/g. The sampling locations included two areas immediately east of the access road that led into the construction rubble, a single location east of the access road leading to the upper fly ash area, several locations in the construction rubble, and several locations north of the access road leading to the running track.

Figure 3-27 shows that there are three locations in which samples taken from the 12- to 18-inch depth have Th-232 activity concentrations ranging from 5 to 15 pCi/g. These include: a location south of the access road leading to the wetlands area west of the Waste Storage Area, a location east of the access road leading to the upper fly ash area, and a location adjacent to the access road that led into the construction rubble.

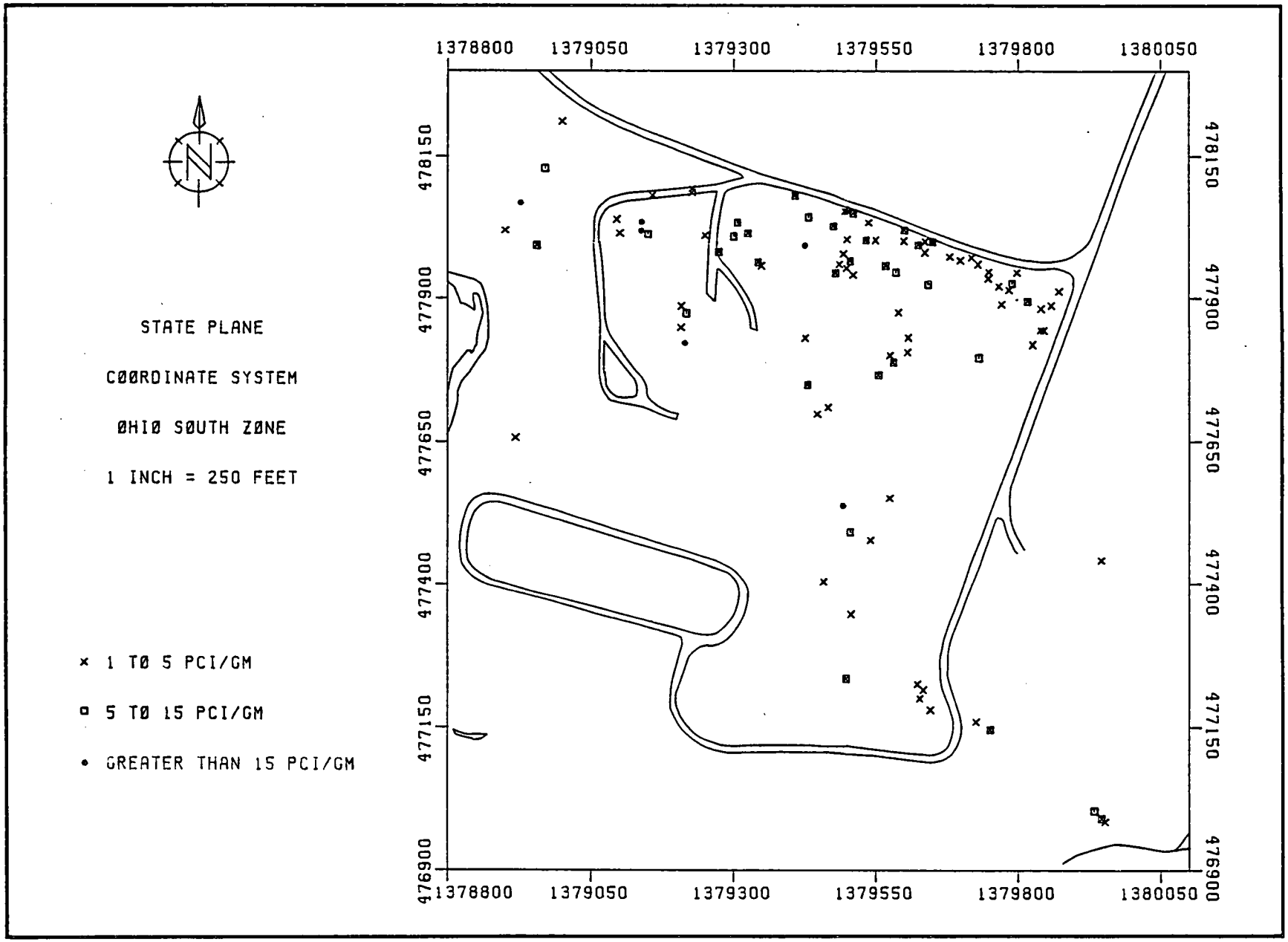


FIGURE 3-25 Th-232 CONCENTRATIONS IN SURFACE SOILS OF FLY ASH AREAS (0-6 INCH)

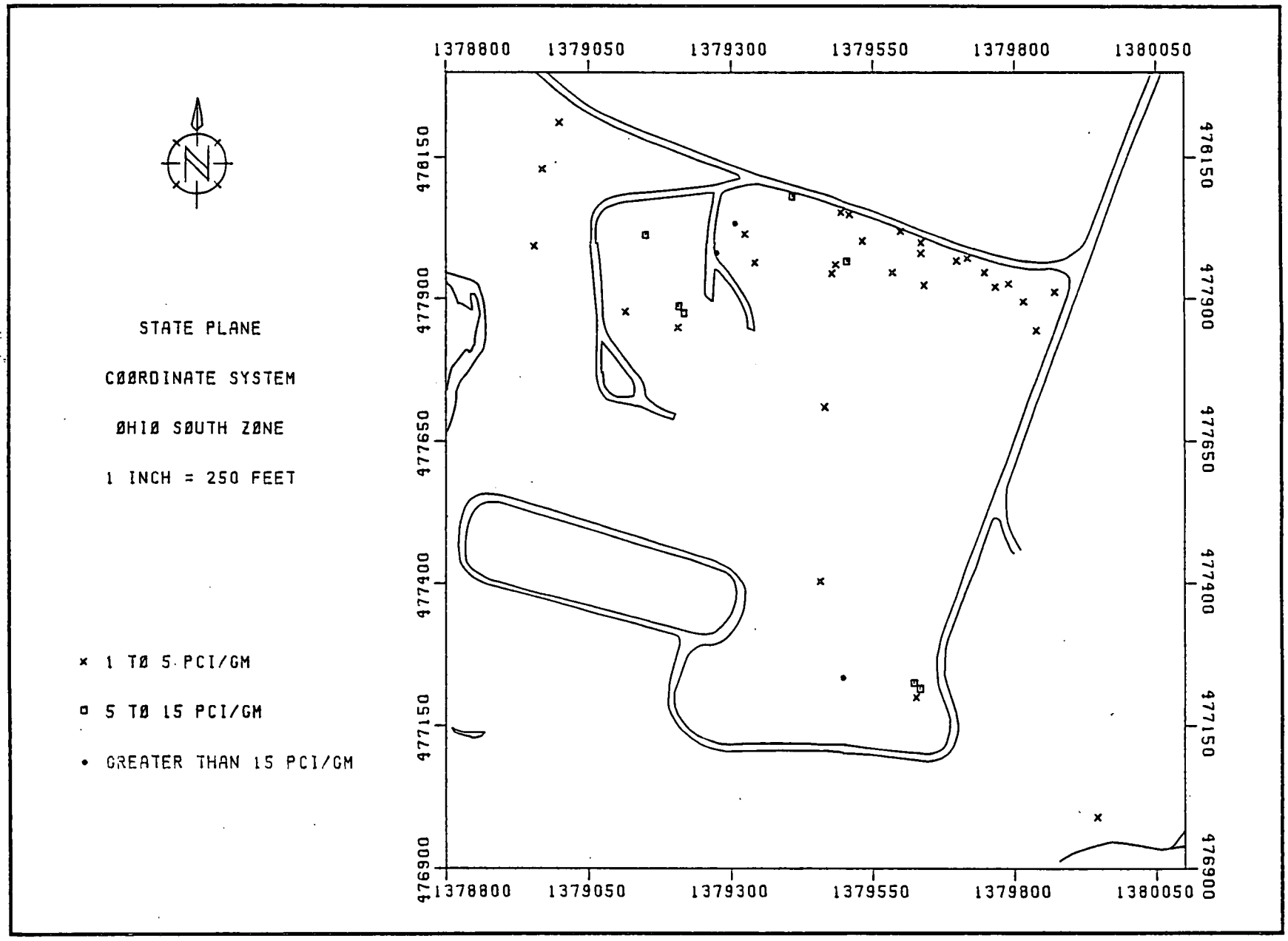


FIGURE 3-26 Th-232 CONCENTRATIONS NEAR SURFACE SOILS OF FLY ASH AREAS (6-12 INCH)

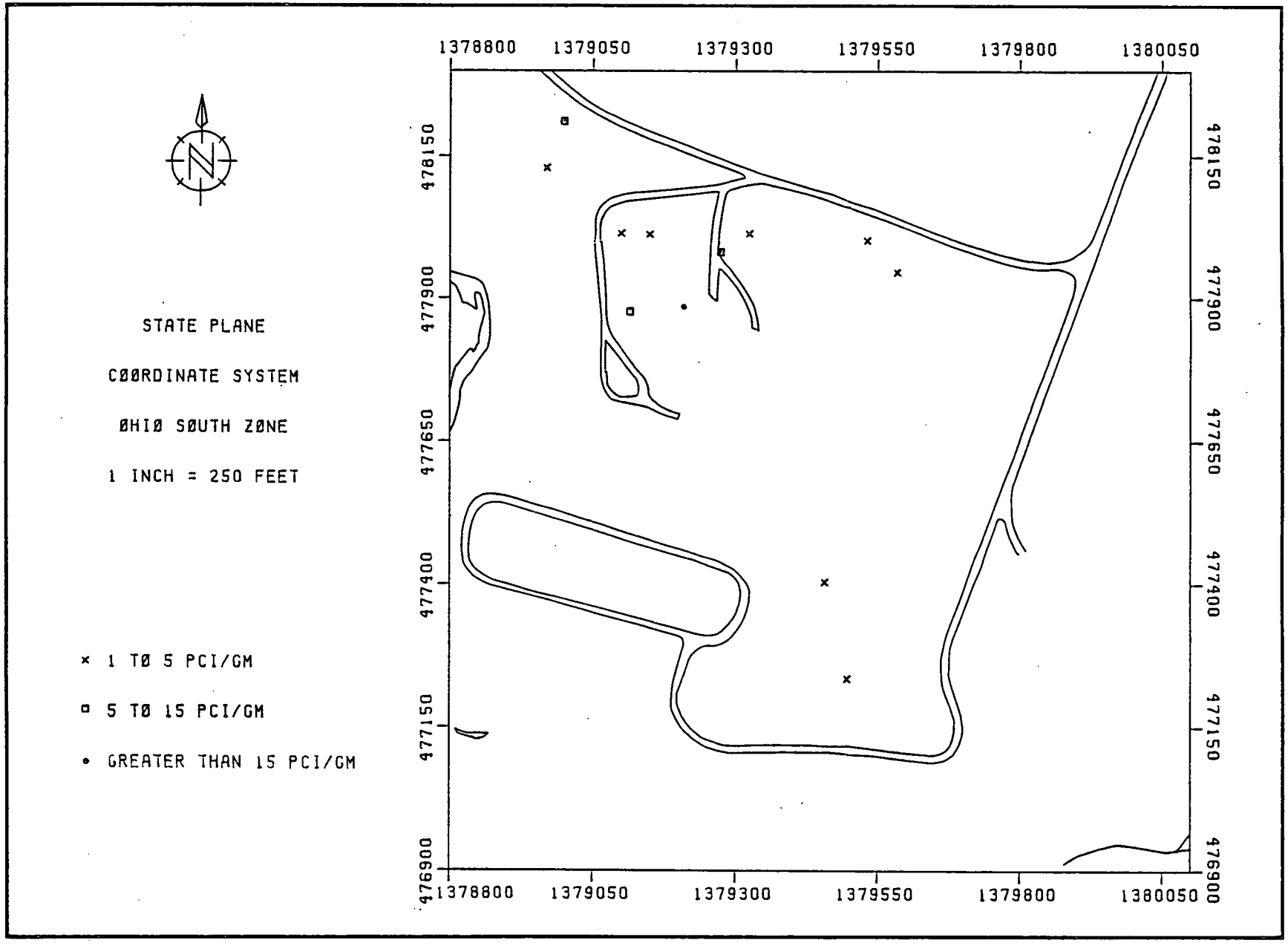


FIGURE 3-27 Th-232 CONCENTRATIONS NEAR SURFACE SOILS OF FLY ASH AREAS (12-18 INCH)

Cs-137 Activity Concentrations in the Waste Storage Area

Figures 3-28, 3-29, and 3-30 present the surface (0- to 6-inch) and intermediate (6- to 12-inch and 12- to 18-inch) Cs-137 activity concentration ranges for samples taken in the Waste Storage Area. There were no instances in which the Cs-137 activity concentration exceeded 15 pCi/g. In the Waste Storage Area surface soils, all activity concentrations were in the 1 to 5 pCi/g range as shown in Figure 3-28. In a majority of locations in which Cs-137 was observed near the pits, U-238 was present in activity concentrations greater than 35 pCi/g (compare Figure 3-28 with Figure 3-7). There was less of a correlation with U-238 along the K-65 slurry line.

In Figure 3-29, there were 17 locations in which Cs-137 was observed at a depth of 6- to 12-inches. Three of these correspond to locations in pit no. 1 (see Figure 3-8) in which the U-238 concentration exceeded 100 pCi/g, and three locations in the sanitary landfill area correspond to where U-238 activity concentrations were greater than 35 pCi/g. Along the K-65 slurry line there does not appear to be a clear correspondence between Cs-137 and any specific levels of U-238, Ra-226, or Th-232.

For the intermediate depth of 12 to 18 inches, there were two locations in which Cs-137 was identified (Figure 3-30). One of these locations, south of pit no. 1, corresponds to elevated U-238 and Th-232 activity concentrations. The other location is along the K-65 slurry line south of the south line sludge pond. At this point, U-238, Th-232, and Ra-226 were present in minor activity concentrations.

Cs-137 Activity Concentrations in the Fly Ash Area

Figures 3-31, 3-32, and 3-33 present the surface (0- to 6-inch) and intermediate (6- to 12-inch and 12- to 18-inch) Cs-137 activity concentration ranges for samples taken in the upper and lower fly ash areas. As shown from the gamma spectroscopy data presented in these figures, there were no Cs-137 activity concentrations greater than 15 pCi/g. For those samples that contained Cs-137, the activity concentration of Ra-226 was generally greater than 5 pCi/g.

3.4.3 Radiochemical Analysis

Purpose

Radiochemical separation with analysis of specific radionuclides was performed on surface (0- to 6-inch) and intermediate depth (6- to 12-inch and 12- to 18-inch) samples from numerous locations in the background areas, Waste Storage Area,

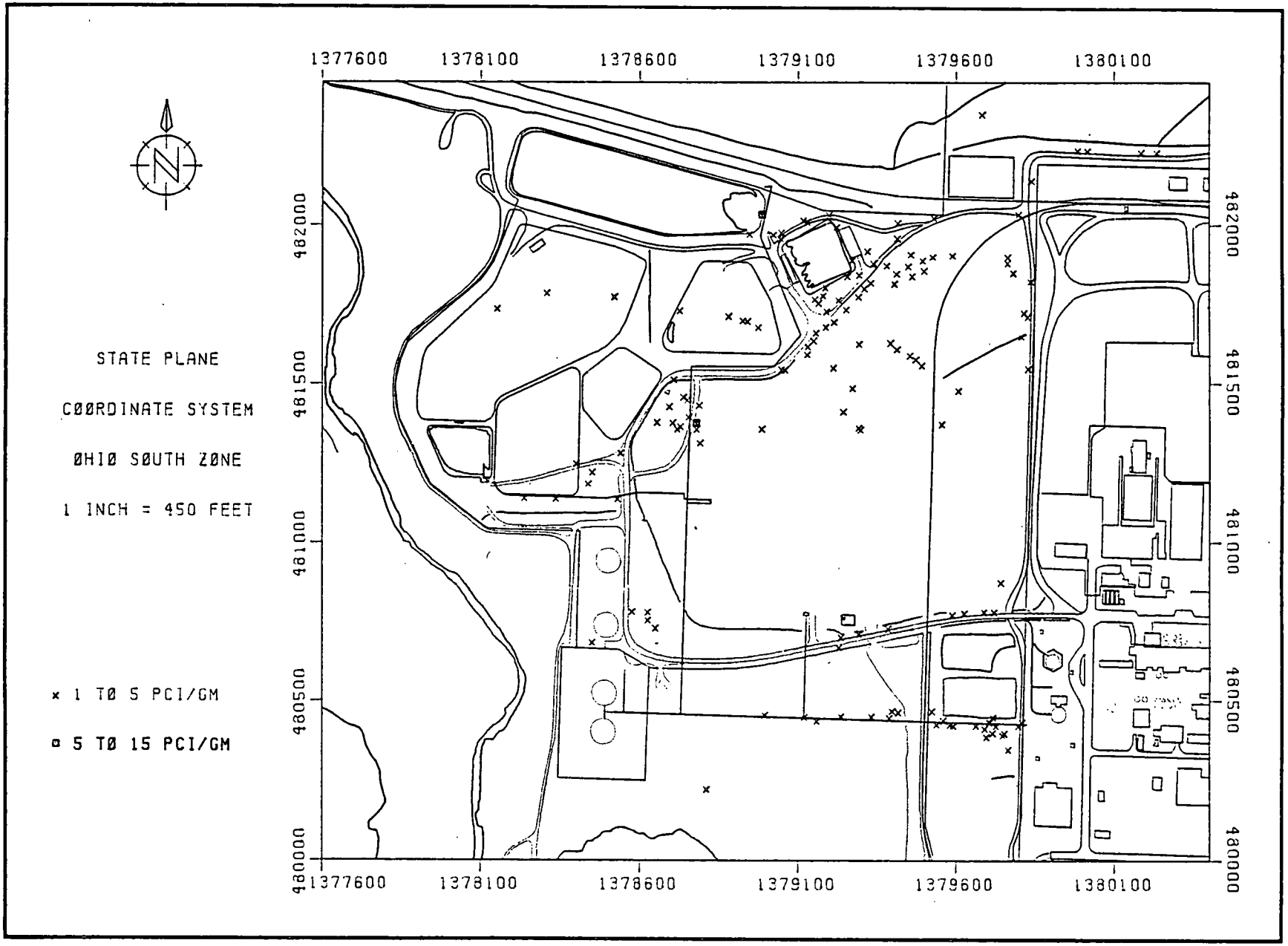


FIGURE 3-28 Cs-137 CONCENTRATIONS IN SURFACE SOILS OF WASTE STORAGE AREA (0-6 INCH)

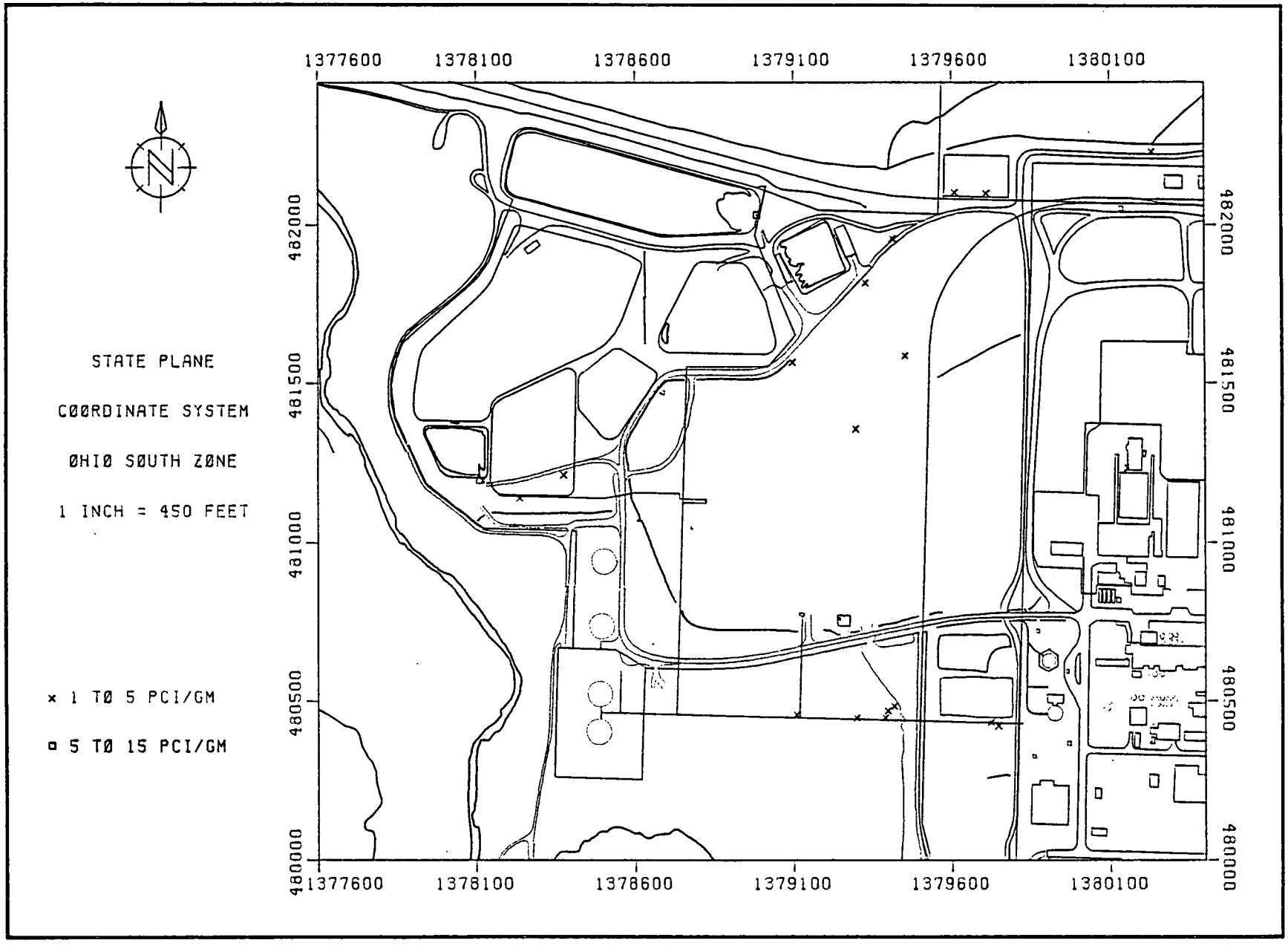


FIGURE 3-29 Cs-137 CONCENTRATIONS NEAR SURFACE SOILS OF WASTE STORAGE AREA (6-12 INCH)

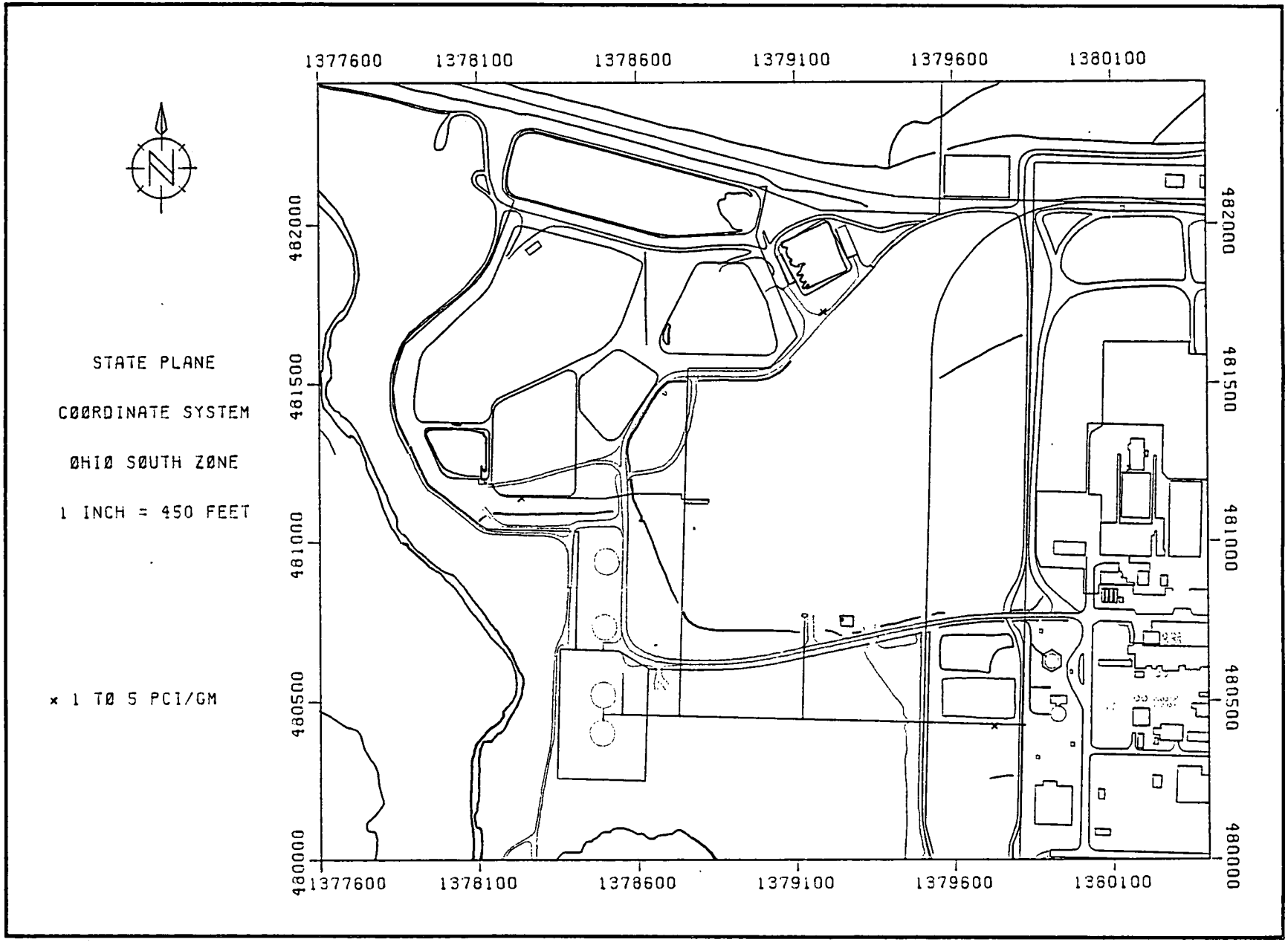


FIGURE 3-30 Cs-137 CONCENTRATIONS NEAR SURFACE SOILS OF WASTE STORAGE AREA (12-18 INCH)

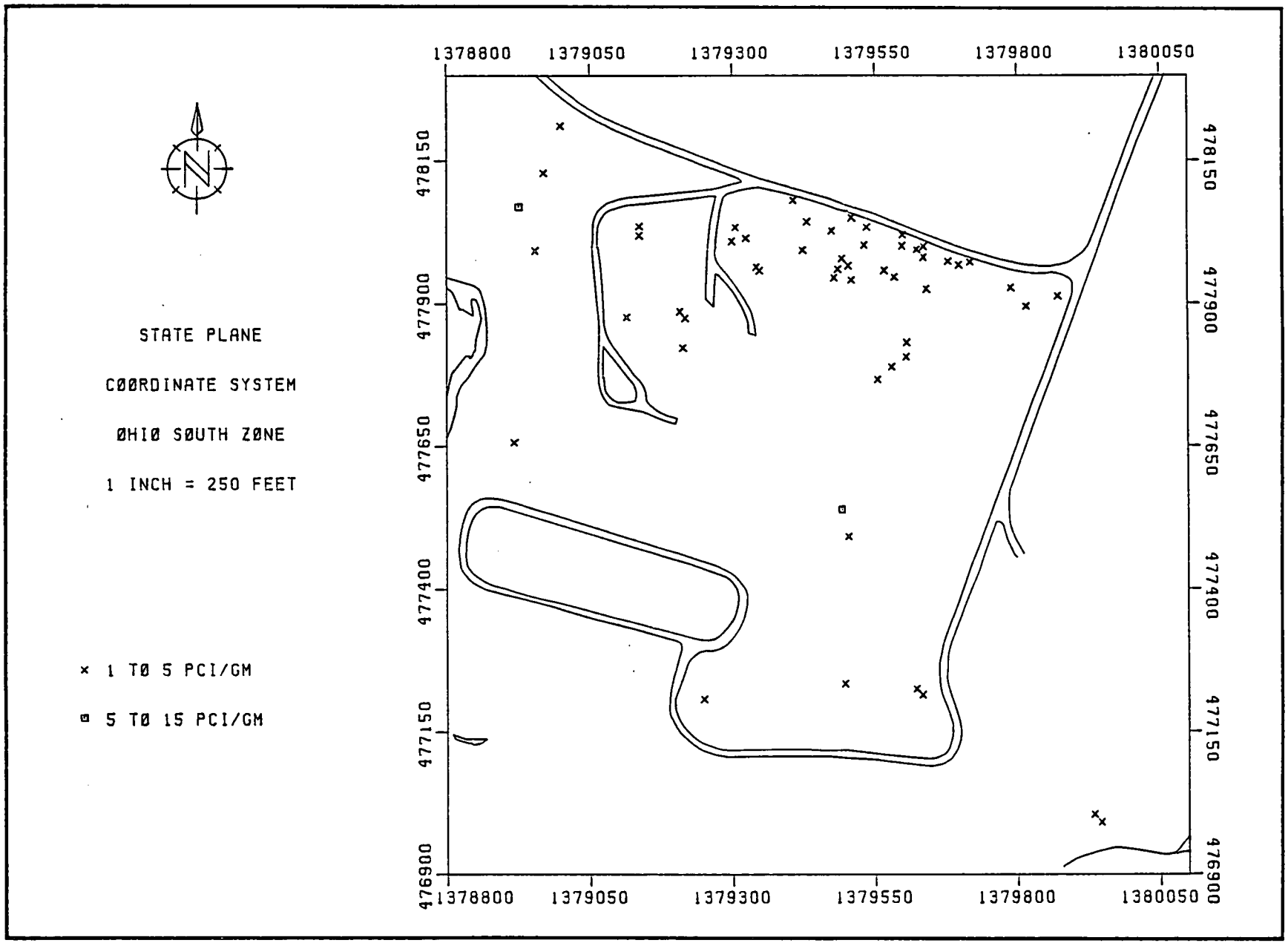


FIGURE 3-31 Cs-137 CONCENTRATIONS IN SURFACE SOILS OF FLY ASH AREAS (0-6 INCH)

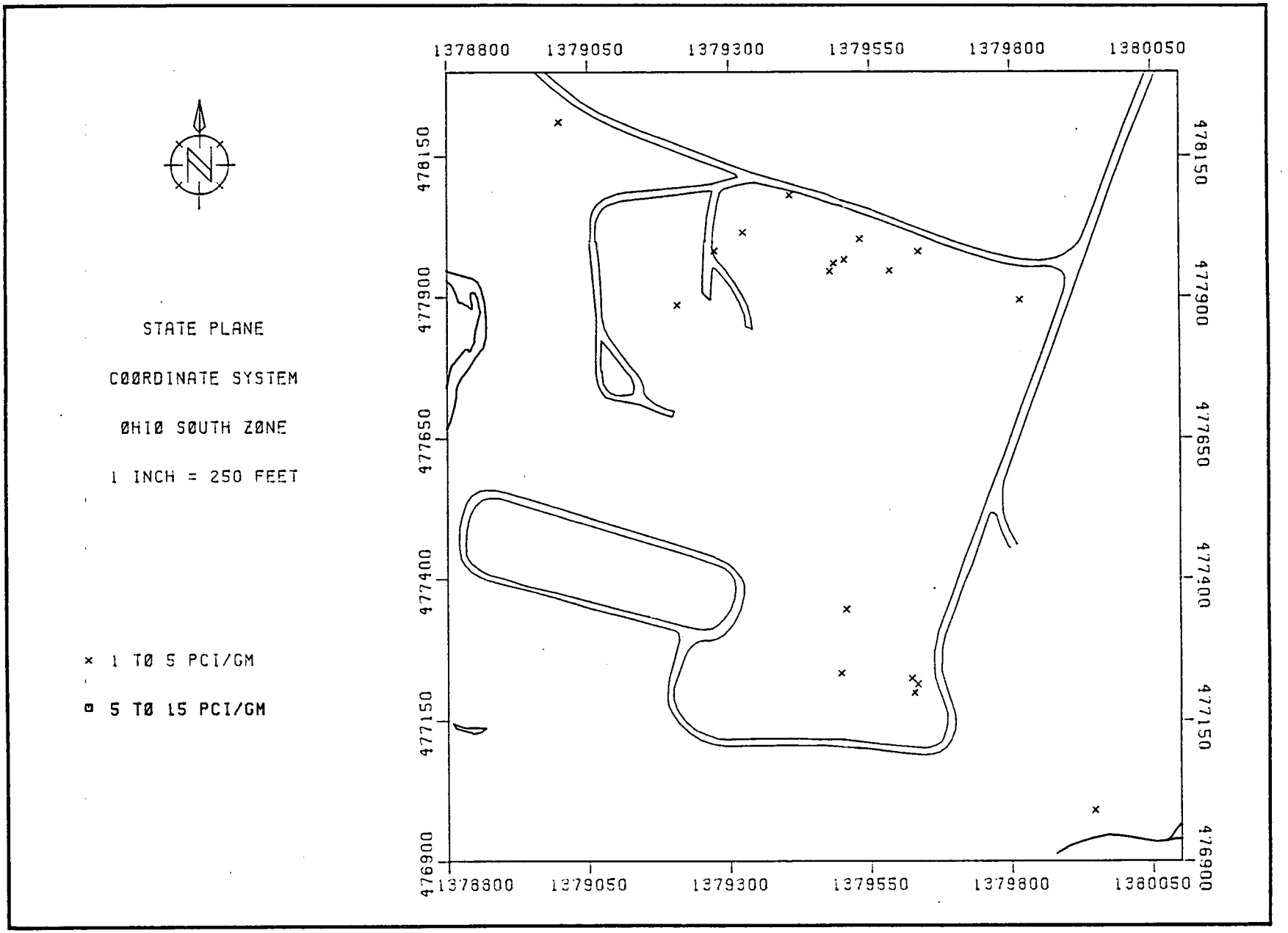


FIGURE 3-32 Cs-137 CONCENTRATIONS NEAR SURFACE SOILS OF FLY ASH AREAS (6-12 INCH)

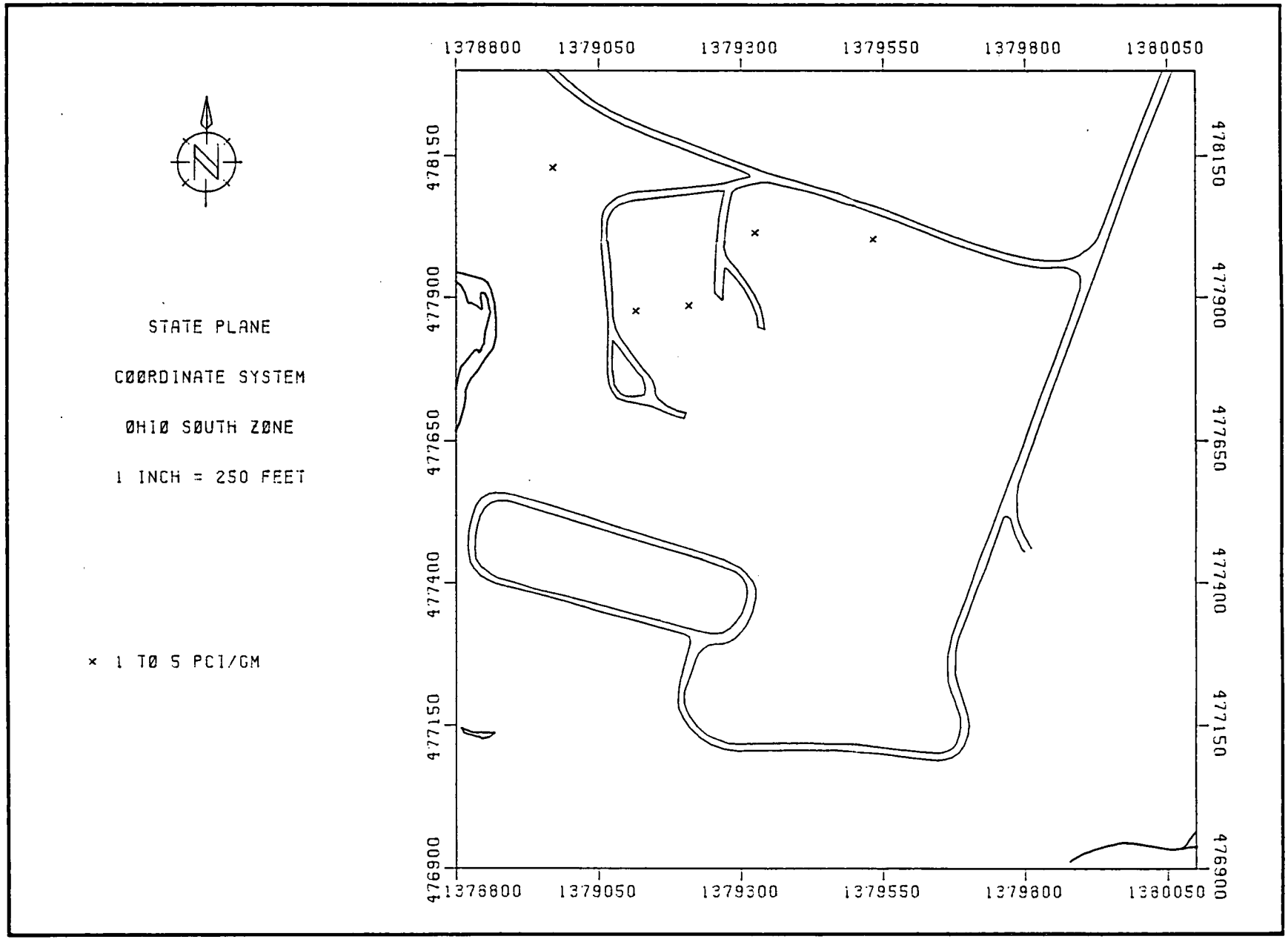


FIGURE 3-33 Cs-137 CONCENTRATIONS NEAR SURFACE SOILS OF FLY ASH AREAS (12-18 INCH)

along the K-65 slurry line, and from the upper and lower fly ash areas. The locations of these samples are presented in Figures 3-34, 3-35, and 3-36. From these figures it can be seen that most of the samples chosen for radiochemical analyses were samples that showed elevated radionuclide concentrations from the on-site gamma spectroscopy laboratory (Subsection 3.4.2). These samples were chosen in order to assess the isotopic concentrations of the uranium and thorium, and to identify radionuclides not readily detectable by gamma-spectral techniques (i.e., Sr-90, Tc-99, Pb-210, Np-237, and isotopes of plutonium). The results of these radiochemical analyses are discussed as follows. Complete data are presented for each sample as a function of depth and grid location.

Results

Radionuclide Distributions in the Waste Storage Area

For the samples taken around the sanitary landfill, most contained elevated concentrations of depleted uranium ranging from approximately 85 pCi/g (FMP-SL-46-415) to 637 pCi/g (FMP-SS-46-343). The Th-230 activity concentrations were negligible when compared to those for uranium.

There were numerous samples taken from around the perimeter of pit no. 6. This area has some of the highest FIDLER and beta-gamma dose rate measurements in the Waste Storage Area. North of pit no. 6, three samples contained depleted uranium and their U-238 activity concentrations ranged from 95 pCi/g (FMP-SS-46-446) to 238 pCi/g (FMP-SS-46-444). One location immediately east of pit no. 5 (FMP-SS-46-623) had activity characteristic of the residue found in pit no. 5. The uranium was elevated, with the U-238 activity concentration at 157 pCi/g. Th-230 was detected at 281 pCi/g, and Tc-99 was detected at 58 pCi/g.

Several samples were taken from the southern perimeter of pit no. 6. The uranium characterized was depleted and had activity concentrations of U-238 ranging from approximately 113 pCi/g (FMP-SS-46-457) to 738 pCi/g (FMP-SS-46-427). The Th-230 activity concentrations at these locations were low when compared to the uranium. Several samples had detectable Tc-99 activity concentrations. The highest Tc-99 activity concentration was measured at 58 pCi/g in sample FMP-SS-46-623.

Several samples taken immediately east of pit no. 2 showed significantly elevated depleted uranium activity concentrations. Samples FMP-SS-46-478 had U-238 at 406 pCi/g, and FMP-SS-46-495 had U-238 at 753 pCi/g. Some Th-230 and Tc-99 was detected in these samples, but was negligible in comparison to the uranium.

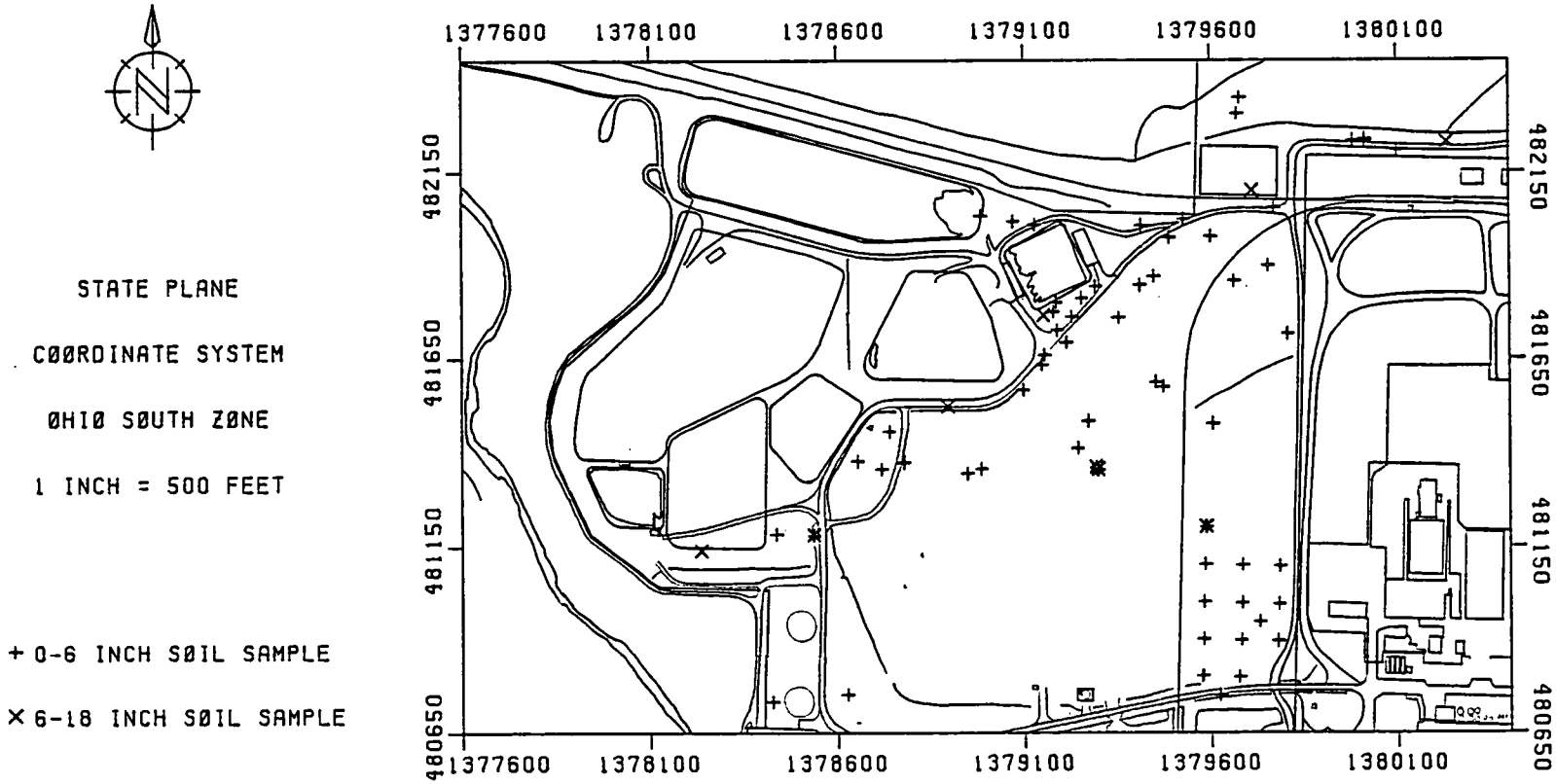


FIGURE 3-34 RADIOCHEMICAL SAMPLE LOCATIONS - WASTE STORAGE AREA

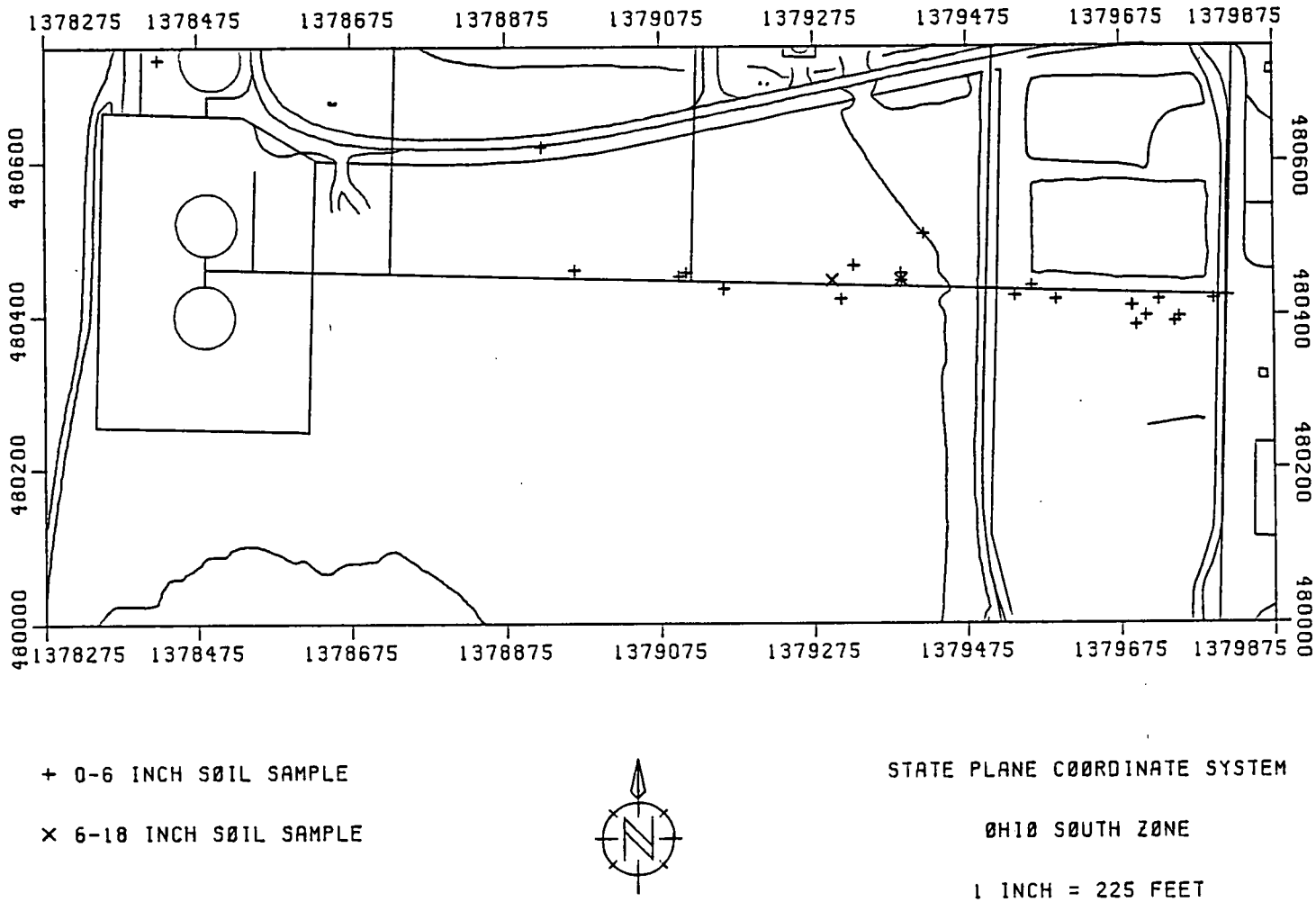


FIGURE 3-35 RADIOCHEMICAL SAMPLE LOCATIONS - K-65 SLURRY LINE

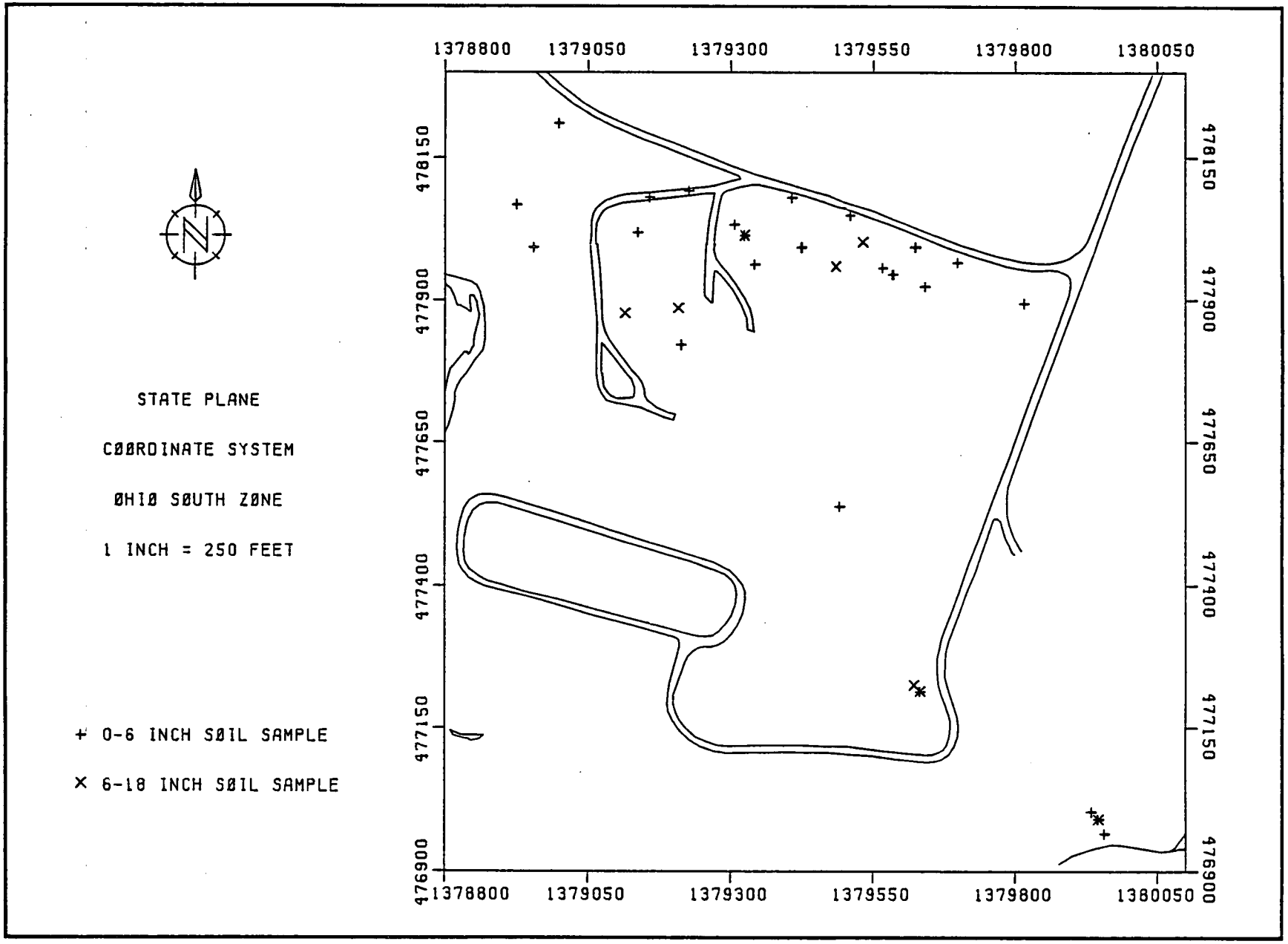


FIGURE 3-36 RADIOCHEMICAL SAMPLE LOCATIONS - FLY ASH AREAS

Sample FMP-SS-46-206, taken near the metal oxide silo, had elevated Th-230 with an activity concentration of 226 pCi/g. The uranium activity was low with U-238 at 9.3 pCi/g. Another sample, FMP-SS-46-214, taken just east of the silo had Th-230 at 185 pCi/g.

Several samples were analyzed from an area west of the production center and north of the north lime sludge pond where anomalous FIDLER and beta-gamma dose rate measurements had been observed. The apparent cause of these anomalies was elevated uranium activity in the soil. Sample FMP-SS-46-277 had elevated depleted uranium with U-238 at 609 pCi/g. Other samples taken from this general area had negligible uranium activity concentrations.

Radionuclide Distributions in the Fly Ash Areas

The majority of the samples containing uranium in the fly ash areas had U-238, U-234, and U-238 isotopes near natural abundance. These included samples taken from the construction rubble just north of the upper fly ash area. The activity concentrations in this area ranged from several pCi/g to approximately 500 pCi/g.

The samples from other areas contained uranium from mixed sources. In a wooded area, on the steep berm northeast of the running track, soil sample FMP-SS-24-081 was collected based on an anomalous FIDLER measurement (see Figure 3-4). This sample had U-234, U-235, and U-238 activity concentrations of 2,850, 356, and 2,940 pCi/g, respectively.

Several samples west of the access road leading to the upper fly ash pile (FMP-SS-24-137 and FMP-SS-24-241) have elevated uranium activity concentrations. For sample FMP-SS-24-137, the activity concentrations of U-234, U-235, and U-238 are 254, 40, and 216 pCi/g, respectively. For sample FMP-SS-24-241, the activity concentrations of U-234, U-235, and U-238 are 11,400, 2,190, and 8,600 pCi/g, respectively. These were the highest uranium activity concentrations detected in the fly ash area. It should be noted that sample FMP-SS-24-241 had a Tc-99 activity concentration of 594 pCi/g. One sample from an area east of the upper fly ash pile access road (FMP-SL-24-179) contained Th-228 and Th-232 with respective activity concentrations of 129 and 130 pCi/g.

Two locations were sampled just east of the access road leading to the running track. These locations were chosen based on anomalous FIDLER measurements (see Figure 3-4) and correspond to samples FMP-SS-24-046, FMP-SL-24-049, and FMP-SL-24-052. These

samples have elevated Th-230 activity concentrations in comparison to the uranium activity concentrations. The Th-230 activity concentrations were 163 and 212 pCi/g for samples FMP-SS-24-046 and FMP-SL-24-049, and 313 pCi/g for sample FMP-SL-24-052.

Of the samples taken near the lower fly ash area, five were submitted for radiochemical analysis. These samples came from varying depths at three locations. These included: FMP-SS-25-012, FMP-SL-25-013, and FMP-SS-24-014, FMP-SL-25-016, and FMP-SS-25-022. Samples FMP-SS-25-012, FMP-SL-25-013, and FMP-SL-25-014 had elevated U-238 activity concentrations ranging from 14 to 253 pCi/g. Th-230 activity concentrations at these locations ranged from 12 to 41 pCi/g. Sample FMP-SL-25-016 had uranium in natural abundance at approximately 19 pCi/g, while the Th-230 activity concentration was 52 pCi/g. Sample FMP-SL-25-022 had elevated uranium concentrations at approximately 22 pCi/g and Th-230 activity concentrations near background.

Radionuclide Distributions Along the Slurry Line

Samples from the K-65 slurry line showed fairly similar results. All samples showed slightly elevated isotopic uranium activity concentrations, with U-238 ranging from 8 pCi/g (FMP-SS-23-145) to 146 pCi/g (FMP-SS-23-170).

Th-230 activity concentrations were elevated in every sample. In most cases, the thorium activity concentrations were much higher than the uranium. The concentrations ranged from approximately 8 pCi/g (FMP-SS-23-162) to 2,200 pCi/g (FMP-SS-23-151).

Pb-210 activity concentrations were also elevated in every sample from this area. The activity concentrations ranged from 4 pCi/g (FMP-SS-23-170) to 190 pCi/g (FMP-SL-23-150).

Tc-99 was detected in samples FMP-SS-23-013 and FMP-SS-23-170 at activity concentrations of 91 and 602 pCi/g, respectively. The activity concentrations of Pu-238, Pu-239/240, and Ru-106 were all below detection limits for samples from this area. Five of the fourteen samples contained minor activity concentrations of Cs-137 ranging from 0.6 to 2.3 pCi/g. One sample (FMP-SS-23-013) contained measurable Np-237 at 2.7 pCi/g. Only two samples contained Sr-90, with activity concentrations of 1.2 and 1.4 pCi/g.

3.5 ACTIVITY CONCENTRATIONS IN SURFACE SEDIMENT IN WASTE AREA DRAINAGES

High resolution gamma spectroscopy was used to determine the activity concentrations of gamma-ray emitting radioisotopes in the surface soil samples taken from the FMPC storage area drainages (Figure 3-37). The gamma spectroscopy data are listed in Appendix A. In addition, selected samples were sent to TMA/Eberline for analysis of the isotopic concentrations of uranium, thorium, and plutonium, and for other radionuclides not detected using gamma-ray spectral techniques. The results for the radiochemistry are presented in Appendix B. The results for the activity concentrations in the upper few inches of sediment are discussed as follows.

Drainage 21

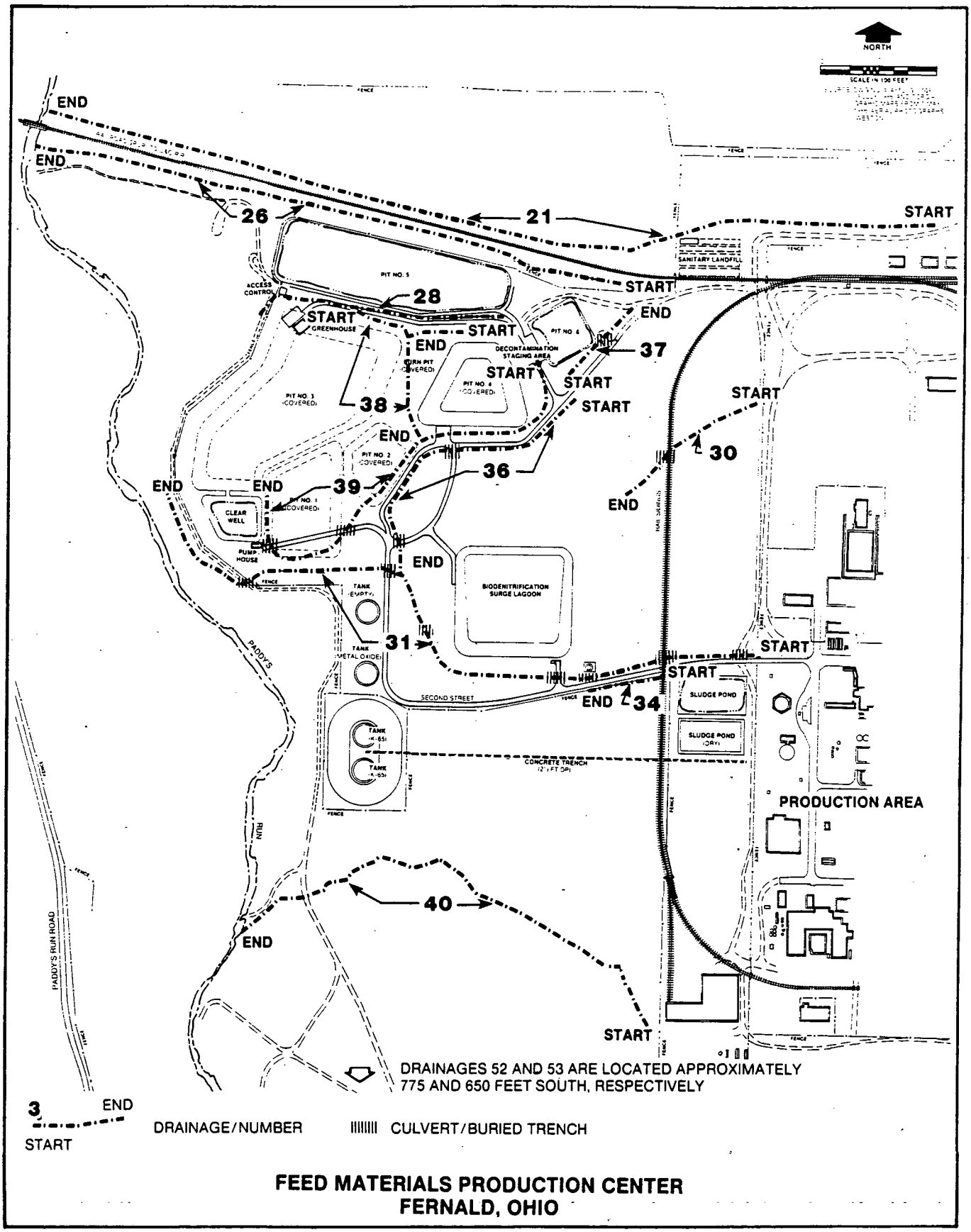
Drainage 21 flows east to west, through the proposed sanitary landfill area, north of the railroad tracks parallel to pit no. 5, and discharges into Paddy's Run. Samples were taken at approximately 39 locations in this drainage. All of these were analyzed in the on-site laboratory, and five were sent for radiochemistry analysis. The uranium activity concentrations are very low, with U-238 activity concentrations ranging from below detection limits to approximately 7 pCi/g (wet-gamma spectroscopy), or 23 pCi/g (dry-radiochemistry). Ra-226, Cs-137, and Th-232 activity concentrations were all low. In addition, the various transuranics and fission products measured were not detected in Drainage 21 sediments.

Drainage 26

Drainage 26 flows east to west, through the proposed sanitary landfill area, south of the railroad tracks parallel to pit no. 5, and discharges into Paddy's Run. Samples were taken at approximately 21 locations in this drainage. Each of these was analyzed on-site, and four were sent for radiochemistry analysis. The uranium activity concentrations in this drainage were low, with U-238 ranging from detection limits to 15 pCi/g (wet-gamma spectroscopy), or 46 pCi/g (dry-radiochemistry). The remaining radionuclides measured were at or near detection limits.

Drainage 28

Drainage 28 flows parallel and adjacent to the south berm of pit no. 5. During heavy rainfall, this minor drainage discharges into the wetlands area. Approximately 17 samples were taken from this drainage. Each of these was analyzed on-site, and five were sent for radiochemistry analysis. The results from



FEED MATERIALS PRODUCTION CENTER
FERNALD, OHIO

FIGURE 3-37 DRAINAGES IN THE WASTE STORAGE AREA

the gamma spectroscopy show that uranium is elevated throughout the length of the drainage. The U-238 activity ranged from 46 to 323 pCi/g as measured on-site. Of the samples sent for radiochemistry analysis, FMP-SD-28-008 had the highest U-238 concentration measured at 728 pCi/g. This was higher than the on-site measurement of 323 pCi/g, which had considerable mass from the high moisture content of the sediment. The radium and thorium concentrations were low in each sample. Tc-99 was measured in all of the samples and ranged from about 9 to 17 pCi/g.

Drainage 29

Drainage 29 was actually a shallow trench flowing north and south over the burn pit area. During storm events, water seeps into the trench and may be held for several days. Three samples were taken from this drainage and analyzed in the on-site laboratory. The U-238 activity concentrations in these samples ranged from 170 to 408 pCi/g. Trace activity concentrations of Th-232 were detected, and the radium activity concentrations were at or below detection limits.

Drainage 30

Drainage 30 is a minor drainage that flows west of the production area and discharges into a flat low lying area in the center of the Waste Storage Area. Four samples were taken from this drainage and analyzed in the on-site laboratory. The uranium activity was low, with U-238 activity concentrations ranging from 19 to about 30 pCi/g. Thorium and radium were not detected in samples taken from this drainage.

Drainage 31

Drainage 31 is located west of the production area near the guard shack at the perimeter fence. This drainage flows west along the north side of the access road and curves north toward the clear well. Six samples were taken from this drainage. Each of these was analyzed on-site, and two were sent for radiochemistry analysis. Results from both analyses show that the uranium activity is low. U-238 activity concentrations range from detection limits to approximately 13 pCi/g. All thorium and radium activity was at or slightly above detection limits.

Drainage 34

Drainage 34 is a minor drainage that flows east to west along the southern perimeter of the access road exiting the production area west fence. The drainage origin is immediately west of the railroad tracks. One sample was obtained from this drainage. Gamma spectroscopy results show that uranium activity concentrations were 29 pCi/g. Thorium and radium were not detected in samples taken from this drainage.

Drainage 36

Drainage 36 is a minor drainage that flows east of pit no. 4 on the east side of the access road during heavy runoff. Several samples were taken from this drainage. Each of these was analyzed on-site, and five were sent in for radiochemistry. Uranium concentrations were elevated in every sample. U-238 activity concentrations ranged from 96 to 319 pCi/g (wet-gamma spectroscopy) and 369 to 746 pCi/g (dry-radiochemistry). The thorium and radium activity concentrations were at or below detection limits. Tc-99 was measured in every sample and ranged from 7 to 17 pCi/g.

Drainage 37

Drainage 37 is a minor drainage that flows south of pit no. 6 near the access road. Six samples were taken from this drainage and analyzed on-site. The gamma spectroscopy results show that uranium is elevated in all samples. The U-238 activity concentrations range from 64 to 207 pCi/g. The thorium and radium activity concentrations were at or below detection limits.

Drainage 38

Drainage 38 is a minor drainage that flows south of pit no. 5, east of the evaporation greenhouse. Four sediment samples were taken and analyzed in the on-site laboratory. The gamma spectroscopy results show elevated uranium in each sample. The U-238 activity concentrations ranged from 94 to 124 pCi/g. The thorium and radium activity concentrations were at or below detection limits.

Drainage 39

Drainage 39 is a minor drainage that flows east of pit no. 4 near the concrete pad. Twenty-five samples were taken from this drainage and analyzed in the on-site laboratory. The gamma-spectroscopy results show elevated uranium along the entire course of this drainage. The U-238 activity concentrations ranged from 61 to 611 pCi/g. In several samples the Ra-226 activity concentrations were slightly above detection limits. The thorium activity was at or below detection limits.

Drainage 40

Drainage 40 extends from the production area, west of the UF-4/UF-6 plant, to Paddy's Run. Seventeen samples were taken at 100-ft intervals along the course of the drainage. The gamma-spectroscopy data show that U-238 activity concentrations ranged from background to 16 pCi/g. All other radionuclides were either at or below detection limits.

Drainage 53

Drainage 53 is along the west berm below the upper fly ash area. Two samples were taken and analyzed in the on-site laboratory. The activity concentrations of U-238 ranged from 4 to approximately 9 pCi/g. The radium and thorium activity concentrations were at or slightly above detection limits.

SECTION 4

SUMMARY

Results from the FIDLER characterization showed large areal distributions of elevated radioactivity near the southern border of pit no. 2, and along a roadway between pit nos. 4 and 6. Surface and near-surface soil sampling with analysis by gamma spectroscopy showed that the elevated readings were caused by uranium, with U-238 activity concentrations greater than 100 pCi/g.

There were additional localized anomalous FIDLER measurements identified in the characterization. These included the western edge of pit no. 1, the northwestern edge of pit no. 2 extending to the southeastern edge of pit no. 3, the northeastern edge of pit no. 3, the southeastern corner of pit no. 4, and the southwestern edge of pit no. 4 extending toward the burn pit.

Results of soil sample analyses at these and other locations indicate that uranium is the most prevalent radioactive element in surface soil, and that U-238 is the principal radionuclide. U-234, Ra-226, Th-230, Tc-99, and Pb-210 were found in elevated concentrations in several areas. Drainage paths in the immediate vicinity of the waste storage pits contain uranium, Th-230, and Tc-99. Along the K-65 slurry line, uranium, Th-230, Ra-226, and Pb-210 were the principal radionuclides. The distribution of radionuclides in the upper fly ash pile was very nonhomogenous and contained significant concentrations of U-238, U-234, Ra-226, Th-228, Th-230, Th-232, and Tc-99. For radionuclides such as Cs-137, Ru-106, Np-237, Sr-90, Pu-238, and Pu-239/240, only minor concentrations were observed throughout the site and no elevated concentrations were noted.

The quality of the data taken for the CIS was evaluated using duplicate sample analysis in the on-site laboratory, auditing of the health and safety program, auditing of the field program, auditing of the on- and off-site laboratories, and repeat radiation measurements. The results from each of these programs provided observations that showed that the precision and accuracy of all data were adequate, and that all of the laboratory methods and field techniques met the objectives of the approved work plan to characterize the surface soil in the FMPC storage areas.

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APPENDIX A

ON-SITE LABORATORY RADIONUCLIDE RESULTS

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
03	FMP-SS-03-001	1378150.44	481735.28	.00	.50	CS-137	<	.30	
	FMP-SS-03-001	1378150.44	481735.28	.00	.50	RA-226	=	.70	.20
	FMP-SS-03-001	1378150.44	481735.28	.00	.50	RU-106	<	5.30	
	FMP-SS-03-001	1378150.44	481735.28	.00	.50	TH-232	=	.60	.20
	FMP-SS-03-001	1378150.44	481735.28	.00	.50	U-238	=	3.20	1.90
	FMP-SS-03-001DRY	1378150.44	481735.28	.00	.50	CS-137	<	.10	
	FMP-SS-03-001DRY	1378150.44	481735.28	.00	.50	RA-226	=	1.60	.80
	FMP-SS-03-001DRY	1378150.44	481735.28	.00	.50	RU-106	<	1.40	
	FMP-SS-03-001DRY	1378150.44	481735.28	.00	.50	TH-232	=	1.80	1.10
	FMP-SS-03-001DRY	1378150.44	481735.28	.00	.50	U-238	<	7.20	
	FMP-SS-03-002	1378233.82	481748.00	.00	.50	CS-137	<	.30	
	FMP-SS-03-002	1378233.82	481748.00	.00	.50	RA-226	=	.60	.20
	FMP-SS-03-002	1378233.82	481748.00	.00	.50	RU-106	<	3.80	
	FMP-SS-03-002	1378233.82	481748.00	.00	.50	TH-232	=	1.00	.20
	FMP-SS-03-002	1378233.82	481748.00	.00	.50	U-238	=	3.30	2.00
	FMP-SS-03-002DRY	1378233.82	481748.00	.00	.50	CS-137	<	1.40	
	FMP-SS-03-002DRY	1378233.82	481748.00	.00	.50	RA-226	=	1.30	.70
	FMP-SS-03-002DRY	1378233.82	481748.00	.00	.50	RU-106	<	11.90	
	FMP-SS-03-002DRY	1378233.82	481748.00	.00	.50	TH-232	=	2.00	.80
	FMP-SS-03-002DRY	1378233.82	481748.00	.00	.50	U-238	<	17.80	
	FMP-SS-03-003	1378309.69	481778.94	.00	.50	CS-137	<	.80	
	FMP-SS-03-003	1378309.69	481778.94	.00	.50	RA-226	=	2.30	.80
	FMP-SS-03-003	1378309.69	481778.94	.00	.50	RU-106	<	10.80	
	FMP-SS-03-003	1378309.69	481778.94	.00	.50	TH-232	=	2.50	.90
	FMP-SS-03-003	1378309.69	481778.94	.00	.50	U-238	=	217.00	13.00
	FMP-SS-03-003D	1378309.69	481778.94	.00	.50	CS-137	<	1.30	
	FMP-SS-03-003D	1378309.69	481778.94	.00	.50	RA-226	=	2.30	.70
	FMP-SS-03-003D	1378309.69	481778.94	.00	.50	RU-106	<	14.60	
	FMP-SS-03-003D	1378309.69	481778.94	.00	.50	TH-232	=	.80	.60
	FMP-SS-03-003D	1378309.69	481778.94	.00	.50	U-238	=	219.00	13.00
	FMP-SS-03-003DRY	1378309.69	481778.94	.00	.50	CS-137	<	1.50	
	FMP-SS-03-003DRY	1378309.69	481778.94	.00	.50	RA-226	=	3.50	1.30
	FMP-SS-03-003DRY	1378309.69	481778.94	.00	.50	RU-106	<	43.20	
	FMP-SS-03-003DRY	1378309.69	481778.94	.00	.50	TH-232	=	4.00	1.90
	FMP-SS-03-003DRY	1378309.69	481778.94	.00	.50	U-238	=	390.00	26.00
	FMP-SS-03-004	1378452.56	481772.03	.00	.50	CS-137	<	.60	
	FMP-SS-03-004	1378452.56	481772.03	.00	.50	RA-226	<	1.00	
	FMP-SS-03-004	1378452.56	481772.03	.00	.50	RU-106	<	18.30	
	FMP-SS-03-004	1378452.56	481772.03	.00	.50	TH-232	=	2.70	1.30
	FMP-SS-03-004	1378452.56	481772.03	.00	.50	U-238	=	272.00	17.00
	FMP-SS-03-004DRY	1378452.56	481772.03	.00	.50	CS-137	<	2.50	
	FMP-SS-03-004DRY	1378452.56	481772.03	.00	.50	RA-226	<	3.00	
	FMP-SS-03-004DRY	1378452.56	481772.03	.00	.50	RU-106	<	37.80	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
03	FMP-SS-03-004DRY	1378452.56	481772.03	.00	.50	TH-232	=	1.00	.40
	FMP-SS-03-004DRY	1378452.56	481772.03	.00	.50	U-238	=	460.00	31.00
	FMP-SS-03-005	1378519.62	481773.19	.00	.50	CS-137	<	1.00	
	FMP-SS-03-005	1378519.62	481773.19	.00	.50	RA-226	<	1.60	
	FMP-SS-03-005	1378519.62	481773.19	.00	.50	RU-106	<	11.40	
	FMP-SS-03-005	1378519.62	481773.19	.00	.50	TH-232	<	2.00	
	FMP-SS-03-005	1378519.62	481773.19	.00	.50	U-238	=	367.00	19.00
	FMP-SS-03-005DRY	1378519.62	481773.19	.00	.50	CS-137	<	2.70	
	FMP-SS-03-005DRY	1378519.62	481773.19	.00	.50	RA-226	<	2.80	
	FMP-SS-03-005DRY	1378519.62	481773.19	.00	.50	RU-106	<	28.50	
	FMP-SS-03-005DRY	1378519.62	481773.19	.00	.50	TH-232	<	2.50	
	FMP-SS-03-005DRY	1378519.62	481773.19	.00	.50	U-238	=	745.00	29.00
	FMP-SS-03-006	1378361.50	481734.51	.00	.50	CS-137	<	.30	
	FMP-SS-03-006	1378361.50	481734.51	.00	.50	RA-226	=	.80	.30
	FMP-SS-03-006	1378361.50	481734.51	.00	.50	RU-106	<	13.00	
	FMP-SS-03-006	1378361.50	481734.51	.00	.50	TH-232	=	1.40	.30
	FMP-SS-03-006	1378361.50	481734.51	.00	.50	U-238	=	21.00	4.00
	FMP-SS-03-006DRY	1378361.50	481734.51	.00	.50	CS-137	<	.90	
	FMP-SS-03-006DRY	1378361.50	481734.51	.00	.50	RA-226	=	1.40	.60
	FMP-SS-03-006DRY	1378361.50	481734.51	.00	.50	RU-106	<	10.00	
	FMP-SS-03-006DRY	1378361.50	481734.51	.00	.50	TH-232	=	2.70	.60
	FMP-SS-03-006DRY	1378361.50	481734.51	.00	.50	U-238	=	45.80	7.50
	FMP-SS-03-007	1378150.36	481732.28	.00	.16	CS-137	<	1.10	
	FMP-SS-03-007	1378150.36	481732.28	.00	.16	RA-226	=	.60	.40
	FMP-SS-03-007	1378150.36	481732.28	.00	.16	RU-106	<	.50	
	FMP-SS-03-007	1378150.36	481732.28	.00	.16	TH-232	=	.70	.50
	FMP-SS-03-007	1378150.36	481732.28	.00	.16	U-238	=	3.50	2.20
	FMP-SS-03-008QC	1378150.36	481732.28	.00	.16	CS-137	<	.60	
	FMP-SS-03-008QC	1378150.36	481732.28	.00	.16	RA-226	=	.50	.40
	FMP-SS-03-008QC	1378150.36	481732.28	.00	.16	RU-106	<	.50	
	FMP-SS-03-008QC	1378150.36	481732.28	.00	.16	TH-232	=	.90	.50
	FMP-SS-03-008QC	1378150.36	481732.28	.00	.16	U-238	=	3.80	2.80
	FMP-SS-03-009	1378235.90	481750.95	.00	.16	CS-137	<	.60	
	FMP-SS-03-009	1378235.90	481750.95	.00	.16	RA-226	<	.60	
	FMP-SS-03-009	1378235.90	481750.95	.00	.16	RU-106	<	.60	
	FMP-SS-03-009	1378235.90	481750.95	.00	.16	TH-232	=	.60	.50
	FMP-SS-03-009	1378235.90	481750.95	.00	.16	U-238	=	5.30	2.30
	FMP-SS-03-010	1378305.81	481783.05	.00	.16	CS-137	<	1.20	
	FMP-SS-03-010	1378305.81	481783.05	.00	.16	RA-226	<	1.30	
	FMP-SS-03-010	1378305.81	481783.05	.00	.16	RU-106	<	6.20	
	FMP-SS-03-010	1378305.81	481783.05	.00	.16	TH-232	<	4.60	
	FMP-SS-03-010	1378305.81	481783.05	.00	.16	U-238	=	240.00	11.00
	FMP-SS-03-011	1378452.45	481768.03	.00	.16	CS-137	<	.60	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
03	FMP-SS-03-011	1378452.45	481768.03	.00	.16	RA-226	<	1.70	
	FMP-SS-03-011	1378452.45	481768.03	.00	.16	RU-106	<	8.10	
	FMP-SS-03-011	1378452.45	481768.03	.00	.16	TH-232	=	.90	.30
	FMP-SS-03-011	1378452.45	481768.03	.00	.16	U-238	=	29.30	5.00
	FMP-SS-03-012	1378518.56	481771.22	.00	.16	CS-137	<	1.30	
	FMP-SS-03-012	1378518.56	481771.22	.00	.16	RA-226	<	.90	
	FMP-SS-03-012	1378518.56	481771.22	.00	.16	RU-106	<	9.40	
	FMP-SS-03-012	1378518.56	481771.22	.00	.16	TH-232	<	4.80	
	FMP-SS-03-012	1378518.56	481771.22	.00	.16	U-238	=	246.00	10.00
04	FMP-SS-04-001	1378725.42	481726.55	.00	.50	CS-137	<	1.50	
	FMP-SS-04-001	1378725.42	481726.55	.00	.50	RA-226	<	5.00	
	FMP-SS-04-001	1378725.42	481726.55	.00	.50	RU-106	<	25.00	
	FMP-SS-04-001	1378725.42	481726.55	.00	.50	TH-232	=	.80	.30
	FMP-SS-04-001	1378725.42	481726.55	.00	.50	U-238	=	883.00	26.00
	FMP-SS-04-001D	1378725.42	481726.55	.00	.50	CS-137	<	7.10	
	FMP-SS-04-001D	1378725.42	481726.55	.00	.50	RA-226	=	50.60	4.20
	FMP-SS-04-001D	1378725.42	481726.55	.00	.50	RU-106	<	77.90	
	FMP-SS-04-001D	1378725.42	481726.55	.00	.50	TH-232	<	21.50	
	FMP-SS-04-001D	1378725.42	481726.55	.00	.50	U-238	=	2410.00	73.00
	FMP-SS-04-001DDRY	1378725.42	481726.55	.00	.50	CS-137	<	7.10	
	FMP-SS-04-001DDRY	1378725.42	481726.55	.00	.50	RA-226	=	50.60	4.20
	FMP-SS-04-001DDRY	1378725.42	481726.55	.00	.50	RU-106	<	77.90	
	FMP-SS-04-001DDRY	1378725.42	481726.55	.00	.50	TH-232	<	21.50	
	FMP-SS-04-001DDRY	1378725.42	481726.55	.00	.50	U-238	=	2410.00	73.00
	FMP-SS-04-001DRY	1378725.42	481726.55	.00	.50	CS-137	<	5.80	
	FMP-SS-04-001DRY	1378725.42	481726.55	.00	.50	RA-226	=	50.80	4.50
	FMP-SS-04-001DRY	1378725.42	481726.55	.00	.50	RU-106	<	55.50	
	FMP-SS-04-001DRY	1378725.42	481726.55	.00	.50	TH-232	=	14.20	4.00
	FMP-SS-04-001DRY	1378725.42	481726.55	.00	.50	U-238	=	2560.00	72.00
	FMP-SS-04-002	1378749.60	481732.89	.00	.50	CS-137	<	.80	
	FMP-SS-04-002	1378749.60	481732.89	.00	.50	RA-226	=	1.00	.40
	FMP-SS-04-002	1378749.60	481732.89	.00	.50	RU-106	<	.60	
	FMP-SS-04-002	1378749.60	481732.89	.00	.50	TH-232	<	2.50	
	FMP-SS-04-002	1378749.60	481732.89	.00	.50	U-238	=	23.80	4.50
	FMP-SS-04-002DRY	1378749.60	481732.89	.00	.50	CS-137	<	.80	
	FMP-SS-04-002DRY	1378749.60	481732.89	.00	.50	RA-226	=	1.50	.40
	FMP-SS-04-002DRY	1378749.60	481732.89	.00	.50	RU-106	<	6.90	
	FMP-SS-04-002DRY	1378749.60	481732.89	.00	.50	TH-232	<	.40	
	FMP-SS-04-002DRY	1378749.60	481732.89	.00	.50	U-238	=	38.80	6.20
	FMP-SS-04-003	1378879.03	481710.34	.00	.50	CS-137	<	1.10	
	FMP-SS-04-003	1378879.03	481710.34	.00	.50	RA-226	=	.70	.30
	FMP-SS-04-003	1378879.03	481710.34	.00	.50	RU-106	<	6.00	
	FMP-SS-04-003	1378879.03	481710.34	.00	.50	TH-232	=	1.30	.70

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
04	FMP-SS-04-003	1378879.03	481710.34	.00	.50	U-238	=	159.00	8.00
	FMP-SS-04-003DRY	1378879.03	481710.34	.00	.50	CS-137	<	3.00	
	FMP-SS-04-003DRY	1378879.03	481710.34	.00	.50	RA-226	=	2.20	.70
	FMP-SS-04-003DRY	1378879.03	481710.34	.00	.50	RU-106	<	13.60	
	FMP-SS-04-003DRY	1378879.03	481710.34	.00	.50	TH-232	<	2.00	
	FMP-SS-04-003DRY	1378879.03	481710.34	.00	.50	U-238	=	337.00	21.00
	FMP-SS-04-004	1378937.63	481694.73	.00	.50	CS-137	=	4.20	1.00
	FMP-SS-04-004	1378937.63	481694.73	.00	.50	RA-226	<	4.60	
	FMP-SS-04-004	1378937.63	481694.73	.00	.50	RU-106	<	15.60	
	FMP-SS-04-004	1378937.63	481694.73	.00	.50	TH-232	=	2.50	1.00
	FMP-SS-04-004	1378937.63	481694.73	.00	.50	U-238	=	1140.00	32.00
	FMP-SS-04-004DRY	1378937.63	481694.73	.00	.50	CS-137	=	4.20	1.30
	FMP-SS-04-004DRY	1378937.63	481694.73	.00	.50	RA-226	<	3.90	
	FMP-SS-04-004DRY	1378937.63	481694.73	.00	.50	RU-106	<	38.10	
	FMP-SS-04-004DRY	1378937.63	481694.73	.00	.50	TH-232	<	5.50	
	FMP-SS-04-004DRY	1378937.63	481694.73	.00	.50	U-238	=	1370.00	47.00
	FMP-SS-04-005	1378972.09	481674.78	.00	.50	CS-137	<	3.00	
	FMP-SS-04-005	1378972.09	481674.78	.00	.50	RA-226	<	4.60	
	FMP-SS-04-005	1378972.09	481674.78	.00	.50	RU-106	<	37.90	
	FMP-SS-04-005	1378972.09	481674.78	.00	.50	TH-232	<	4.20	
	FMP-SS-04-005	1378972.09	481674.78	.00	.50	U-238	=	745.00	36.00
	FMP-SS-04-005DRY	1378972.09	481674.78	.00	.50	CS-137	<	1.80	
	FMP-SS-04-005DRY	1378972.09	481674.78	.00	.50	RA-226	<	3.50	
	FMP-SS-04-005DRY	1378972.09	481674.78	.00	.50	RU-106	<	36.00	
	FMP-SS-04-005DRY	1378972.09	481674.78	.00	.50	TH-232	=	4.20	1.00
	FMP-SS-04-005DRY	1378972.09	481674.78	.00	.50	U-238	=	1120.00	35.00
	FMP-SS-04-006	1379002.36	481683.95	.00	.50	CS-137	=	.60	.30
	FMP-SS-04-006	1379002.36	481683.95	.00	.50	RA-226	<	2.70	
	FMP-SS-04-006	1379002.36	481683.95	.00	.50	RU-106	<	8.20	
	FMP-SS-04-006	1379002.36	481683.95	.00	.50	TH-232	=	1.30	.80
	FMP-SS-04-006	1379002.36	481683.95	.00	.50	U-238	=	242.00	11.00
	FMP-SS-04-006D	1379002.36	481683.95	.00	.50	CS-137	<	.80	
	FMP-SS-04-006D	1379002.36	481683.95	.00	.50	RA-226	<	1.60	
	FMP-SS-04-006D	1379002.36	481683.95	.00	.50	RU-106	<	11.90	
	FMP-SS-04-006D	1379002.36	481683.95	.00	.50	TH-232	=	1.70	.80
	FMP-SS-04-006D	1379002.36	481683.95	.00	.50	U-238	=	247.00	16.00
	FMP-SS-04-006DRY	1379002.36	481683.95	.00	.50	CS-137	<	2.90	
	FMP-SS-04-006DRY	1379002.36	481683.95	.00	.50	RA-226	<	4.80	
	FMP-SS-04-006DRY	1379002.36	481683.95	.00	.50	RU-106	<	13.70	
	FMP-SS-04-006DRY	1379002.36	481683.95	.00	.50	TH-232	=	1.40	.30
	FMP-SS-04-006DRY	1379002.36	481683.95	.00	.50	U-238	=	414.00	21.00
	FMP-SS-04-007	1378727.42	481726.49	.00	.16	CS-137	<	.80	
	FMP-SS-04-007	1378727.42	481726.49	.00	.16	RA-226	=	1.90	.70

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
04	FMP-SS-04-007	1378727.42	481726.49	.00	.16	RU-106	<	13.50	
	FMP-SS-04-007	1378727.42	481726.49	.00	.16	TH-232	=	1.20	.50
	FMP-SS-04-007	1378727.42	481726.49	.00	.16	U-238	=	265.00	12.00
	FMP-SS-04-008	1378727.47	481728.49	.00	.16	CS-137	<	.50	
	FMP-SS-04-008	1378727.47	481728.49	.00	.16	RA-226	<	.80	
	FMP-SS-04-008	1378727.47	481728.49	.00	.16	RU-106	<	3.30	
	FMP-SS-04-008	1378727.47	481728.49	.00	.16	TH-232	<	.80	
	FMP-SS-04-008	1378727.47	481728.49	.00	.16	U-238	=	172.00	9.00
	FMP-SS-04-009	1378879.09	481712.34	.00	.16	CS-137	<	.70	
	FMP-SS-04-009	1378879.09	481712.34	.00	.16	RA-226	<	.60	
	FMP-SS-04-009	1378879.09	481712.34	.00	.16	RU-106	<	5.30	
	FMP-SS-04-009	1378879.09	481712.34	.00	.16	TH-232	<	1.40	
	FMP-SS-04-009	1378879.09	481712.34	.00	.16	U-238	=	139.00	7.00
	FMP-SS-04-010	1378941.57	481692.62	.00	.16	CS-137	<	.90	
	FMP-SS-04-010	1378941.57	481692.62	.00	.16	RA-226	<	.90	
	FMP-SS-04-010	1378941.57	481692.62	.00	.16	RU-106	<	5.20	
	FMP-SS-04-010	1378941.57	481692.62	.00	.16	TH-232	=	1.20	.50
	FMP-SS-04-010	1378941.57	481692.62	.00	.16	U-238	=	345.00	12.00
	FMP-SS-04-011	1378938.63	481694.70	.00	.16	CS-137	<	1.20	
	FMP-SS-04-011	1378938.63	481694.70	.00	.16	RA-226	<	2.50	
	FMP-SS-04-011	1378938.63	481694.70	.00	.16	RU-106	<	5.70	
	FMP-SS-04-011	1378938.63	481694.70	.00	.16	TH-232	=	2.40	1.20
	FMP-SS-04-011	1378938.63	481694.70	.00	.16	U-238	=	738.00	17.00
	FMP-SS-04-012	1378974.37	481684.72	.00	.16	CS-137	<	.60	
	FMP-SS-04-012	1378974.37	481684.72	.00	.16	RA-226	<	1.20	
	FMP-SS-04-012	1378974.37	481684.72	.00	.16	RU-106	<	2.20	
	FMP-SS-04-012	1378974.37	481684.72	.00	.16	TH-232	<	2.60	
	FMP-SS-04-012	1378974.37	481684.72	.00	.16	U-238	=	70.50	6.00
	FMP-SS-04-012D	1378974.37	481684.72	.00	.16	CS-137	<	.60	
	FMP-SS-04-012D	1378974.37	481684.72	.00	.16	RA-226	<	.80	
	FMP-SS-04-012D	1378974.37	481684.72	.00	.16	RU-106	<	2.80	
	FMP-SS-04-012D	1378974.37	481684.72	.00	.16	TH-232	=	.70	.40
	FMP-SS-04-012D	1378974.37	481684.72	.00	.16	U-238	=	69.90	7.00
	FMP-SS-04-013	1378922.66	481696.14	.00	.16	CS-137	=	2.50	.80
	FMP-SS-04-013	1378922.66	481696.14	.00	.16	RA-226	<	2.40	
	FMP-SS-04-013	1378922.66	481696.14	.00	.16	RU-106	<	13.30	
	FMP-SS-04-013	1378922.66	481696.14	.00	.16	TH-232	=	1.50	1.00
	FMP-SS-04-013	1378922.66	481696.14	.00	.16	U-238	=	889.00	28.00
21	FMP-SD-21-001	1380451.84	482266.51	.00	.75	CS-137	<	.40	
	FMP-SD-21-001	1380451.84	482266.51	.00	.75	RA-226	=	.50	.20
	FMP-SD-21-001	1380451.84	482266.51	.00	.75	RU-106	<	1.90	
	FMP-SD-21-001	1380451.84	482266.51	.00	.75	TH-232	=	.80	.30
	FMP-SD-21-001	1380451.84	482266.51	.00	.75	U-238	=	3.70	1.90

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
21	FMP-SD-21-002	1380289.84	482268.95	.00	.50	CS-137	<	.10	
	FMP-SD-21-002	1380289.84	482268.95	.00	.50	RA-226	=	1.10	.70
	FMP-SD-21-002	1380289.84	482268.95	.00	.50	RU-106	<	6.10	
	FMP-SD-21-002	1380289.84	482268.95	.00	.50	TH-232	=	1.30	.70
	FMP-SD-21-002	1380289.84	482268.95	.00	.50	U-238	<	11.20	
	FMP-SD-21-003	1380235.84	482269.42	.00	.66	CS-137	<	.30	
	FMP-SD-21-003	1380235.84	482269.42	.00	.66	RA-226	=	.80	.40
	FMP-SD-21-003	1380235.84	482269.42	.00	.66	RU-106	<	4.00	
	FMP-SD-21-003	1380235.84	482269.42	.00	.66	TH-232	=	1.00	.60
	FMP-SD-21-003	1380235.84	482269.42	.00	.66	U-238	<	11.20	
	FMP-SD-21-004	1380127.82	482270.38	.00	.75	CS-137	<	.80	
	FMP-SD-21-004	1380127.82	482270.38	.00	.75	RA-226	=	1.00	.40
	FMP-SD-21-004	1380127.82	482270.38	.00	.75	RU-106	<	4.30	
	FMP-SD-21-004	1380127.82	482270.38	.00	.75	TH-232	=	.90	.40
	FMP-SD-21-004	1380127.82	482270.38	.00	.75	U-238	=	9.60	4.00
	FMP-SD-21-005	1380019.83	482272.34	.00	.75	CS-137	<	.30	
	FMP-SD-21-005	1380019.83	482272.34	.00	.75	RA-226	=	.90	.30
	FMP-SD-21-005	1380019.83	482272.34	.00	.75	RU-106	<	.60	
	FMP-SD-21-005	1380019.83	482272.34	.00	.75	TH-232	=	.60	.30
	FMP-SD-21-005	1380019.83	482272.34	.00	.75	U-238	<	13.50	
	FMP-SD-21-006	1379911.82	482273.29	.00	.50	CS-137	<	.60	
	FMP-SD-21-006	1379911.82	482273.29	.00	.50	RA-226	=	.60	.40
	FMP-SD-21-006	1379911.82	482273.29	.00	.50	RU-106	<	5.10	
	FMP-SD-21-006	1379911.82	482273.29	.00	.50	TH-232	=	.90	.50
	FMP-SD-21-006	1379911.82	482273.29	.00	.50	U-238	<	6.10	
	FMP-SD-21-006D	1379911.82	482273.29	.00	1.00	CS-137	<	.60	
	FMP-SD-21-006D	1379911.82	482273.29	.00	1.00	RA-226	=	.60	.40
	FMP-SD-21-006D	1379911.82	482273.29	.00	1.00	RU-106	<	5.10	
	FMP-SD-21-006D	1379911.82	482273.29	.00	1.00	TH-232	=	.60	.50
	FMP-SD-21-006D	1379911.82	482273.29	.00	1.00	U-238	=	3.10	2.60
	FMP-SD-21-007	1379812.77	482273.00	.00	1.00	CS-137	<	.10	
	FMP-SD-21-007	1379812.77	482273.00	.00	1.00	RA-226	=	.70	.20
	FMP-SD-21-007	1379812.77	482273.00	.00	1.00	RU-106	<	4.30	
	FMP-SD-21-007	1379812.77	482273.00	.00	1.00	TH-232	=	.60	.30
	FMP-SD-21-007	1379812.77	482273.00	.00	1.00	U-238	=	4.20	2.50
	FMP-SD-21-008	1379713.26	482255.72	.00	.75	CS-137	<	.10	
	FMP-SD-21-008	1379713.26	482255.72	.00	.75	RA-226	<	.90	
	FMP-SD-21-008	1379713.26	482255.72	.00	.75	RU-106	<	.60	
	FMP-SD-21-008	1379713.26	482255.72	.00	.75	TH-232	=	.70	.50
	FMP-SD-21-008	1379713.26	482255.72	.00	.75	U-238	=	6.30	2.60
	FMP-SD-21-009	1379613.08	482250.46	.00	.75	CS-137	<	.70	
	FMP-SD-21-009	1379613.08	482250.46	.00	.75	RA-226	=	.80	.30
	FMP-SD-21-009	1379613.08	482250.46	.00	.75	RU-106	<	4.40	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
21	FMP-SD-21-009	1379613.08	482250.46	.00	.75	TH-232	<	1.80	
	FMP-SD-21-009	1379613.08	482250.46	.00	.75	U-238	=	6.80	3.10
	FMP-SD-21-010	1379471.00	482198.00	.00	.50	CS-137	<	.60	
	FMP-SD-21-010	1379471.00	482198.00	.00	.50	RA-226	=	.40	.20
	FMP-SD-21-010	1379471.00	482198.00	.00	.50	RU-106	<	3.70	
	FMP-SD-21-010	1379471.00	482198.00	.00	.50	TH-232	=	.70	.30
	FMP-SD-21-010	1379471.00	482198.00	.00	.50	U-238	=	3.20	1.80
	FMP-SD-21-011	1379380.00	482176.00	.00	.25	CS-137	<	.60	
	FMP-SD-21-011	1379380.00	482176.00	.00	.25	RA-226	=	.60	.20
	FMP-SD-21-011	1379380.00	482176.00	.00	.25	RU-106	<	4.00	
	FMP-SD-21-011	1379380.00	482176.00	.00	.25	TH-232	=	.50	.40
	FMP-SD-21-011	1379380.00	482176.00	.00	.25	U-238	=	2.90	1.80
	FMP-SD-21-012	1379279.00	482183.00	.00	.50	CS-137	<	.50	
	FMP-SD-21-012	1379279.00	482183.00	.00	.50	RA-226	=	.70	.30
	FMP-SD-21-012	1379279.00	482183.00	.00	.50	RU-106	<	6.10	
	FMP-SD-21-012	1379279.00	482183.00	.00	.50	TH-232	<	2.30	
	FMP-SD-21-012	1379279.00	482183.00	.00	.50	U-238	<	9.00	
	FMP-SD-21-013	1379182.00	482195.00	.00	.50	CS-137	<	.50	
	FMP-SD-21-013	1379182.00	482195.00	.00	.50	RA-226	=	.80	.30
	FMP-SD-21-013	1379182.00	482195.00	.00	.50	RU-106	<	4.50	
	FMP-SD-21-013	1379182.00	482195.00	.00	.50	TH-232	=	1.00	.30
	FMP-SD-21-013	1379182.00	482195.00	.00	.50	U-238	=	5.90	2.80
	FMP-SD-21-014	1379083.00	482217.00	.00	.50	CS-137	<	.90	
	FMP-SD-21-014	1379083.00	482217.00	.00	.50	RA-226	=	1.10	.30
	FMP-SD-21-014	1379083.00	482217.00	.00	.50	RU-106	<	2.90	
	FMP-SD-21-014	1379083.00	482217.00	.00	.50	TH-232	=	.80	.40
	FMP-SD-21-014	1379083.00	482217.00	.00	.50	U-238	=	3.90	2.20
	FMP-SD-21-015	1378989.00	482241.00	.00	.50	CS-137	<	.10	
	FMP-SD-21-015	1378989.00	482241.00	.00	.50	RA-226	=	.70	.30
	FMP-SD-21-015	1378989.00	482241.00	.00	.50	RU-106	<	6.30	
	FMP-SD-21-015	1378989.00	482241.00	.00	.50	TH-232	=	.90	.40
	FMP-SD-21-015	1378989.00	482241.00	.00	.50	U-238	=	3.40	2.80
	FMP-SD-21-016	1378889.00	482264.00	.00	.50	CS-137	<	.50	
	FMP-SD-21-016	1378889.00	482264.00	.00	.50	RA-226	=	1.00	.40
	FMP-SD-21-016	1378889.00	482264.00	.00	.50	RU-106	<	5.50	
	FMP-SD-21-016	1378889.00	482264.00	.00	.50	TH-232	<	.30	
	FMP-SD-21-016	1378889.00	482264.00	.00	.50	U-238	=	3.70	2.30
	FMP-SD-21-016D	1378889.00	482264.00	.00	.50	CS-137	<	.50	
	FMP-SD-21-016D	1378889.00	482264.00	.00	.50	RA-226	=	.90	.20
	FMP-SD-21-016D	1378889.00	482264.00	.00	.50	RU-106	<	2.50	
	FMP-SD-21-016D	1378889.00	482264.00	.00	.50	TH-232	=	.90	.40
	FMP-SD-21-016D	1378889.00	482264.00	.00	.50	U-238	=	2.80	2.20
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	CS-137	<	.60	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
21	FMP-SD-21-017	1378796.00	482231.00	.00	.50	RA-226	=	.80	.30
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	RU-106	<	6.90	
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	TH-232	=	.70	.60
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	U-238	=	6.20	4.50
	FMP-SD-21-018	1378699.00	482312.00	.00	.50	CS-137	<	.10	
	FMP-SD-21-018	1378699.00	482312.00	.00	.50	RA-226	=	.70	.20
	FMP-SD-21-018	1378699.00	482312.00	.00	.50	RU-106	<	2.30	
	FMP-SD-21-018	1378699.00	482312.00	.00	.50	TH-232	<	.30	
	FMP-SD-21-018	1378699.00	482312.00	.00	.50	U-238	=	5.00	2.40
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	CS-137	<	.80	
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	RA-226	=	.90	.90
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	RU-106	<	.60	
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	TH-232	=	.80	.30
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	U-238	<	11.90	
	FMP-SD-21-020	1378507.00	482231.00	.00	.50	CS-137	<	.40	
	FMP-SD-21-020	1378507.00	482231.00	.00	.50	RA-226	=	.70	.30
	FMP-SD-21-020	1378507.00	482231.00	.00	.50	RU-106	<	.50	
	FMP-SD-21-020	1378507.00	482231.00	.00	.50	TH-232	=	.50	.20
	FMP-SD-21-020	1378507.00	482231.00	.00	.50	U-238	<	10.20	
	FMP-SD-21-021	1378410.00	482390.00	.00	.50	CS-137	<	.10	
	FMP-SD-21-021	1378410.00	482390.00	.00	.50	RA-226	=	.50	.10
	FMP-SD-21-021	1378410.00	482390.00	.00	.50	RU-106	<	4.80	
	FMP-SD-21-021	1378410.00	482390.00	.00	.50	TH-232	<	.20	
	FMP-SD-21-021	1378410.00	482390.00	.00	.50	U-238	<	6.80	
	FMP-SD-21-022	1378315.00	482403.00	.00	.50	CS-137	<	.50	
	FMP-SD-21-022	1378315.00	482403.00	.00	.50	RA-226	=	.60	.30
	FMP-SD-21-022	1378315.00	482403.00	.00	.50	RU-106	<	7.20	
	FMP-SD-21-022	1378315.00	482403.00	.00	.50	TH-232	<	2.30	
	FMP-SD-21-022	1378315.00	482403.00	.00	.50	U-238	<	9.40	
	FMP-SD-21-023	1378218.00	482440.00	.00	.50	CS-137	<	.20	
	FMP-SD-21-023	1378218.00	482440.00	.00	.50	RA-226	<	.50	
	FMP-SD-21-023	1378218.00	482440.00	.00	.50	RU-106	<	5.50	
	FMP-SD-21-023	1378218.00	482440.00	.00	.50	TH-232	=	1.30	.40
	FMP-SD-21-023	1378218.00	482440.00	.00	.50	U-238	<	9.60	
	FMP-SD-21-024	1378124.00	482469.00	.00	.50	CS-137	<	.50	
	FMP-SD-21-024	1378124.00	482469.00	.00	.50	RA-226	<	.40	
	FMP-SD-21-024	1378124.00	482469.00	.00	.50	RU-106	<	3.60	
	FMP-SD-21-024	1378124.00	482469.00	.00	.50	TH-232	=	.90	.30
	FMP-SD-21-024	1378124.00	482469.00	.00	.50	U-238	=	2.50	2.00
	FMP-SD-21-025	1378074.00	482482.00	.00	.50	CS-137	<	.40	
	FMP-SD-21-025	1378074.00	482482.00	.00	.50	RA-226	=	.80	.30
	FMP-SD-21-025	1378074.00	482482.00	.00	.50	RU-106	<	5.90	
	FMP-SD-21-025	1378074.00	482482.00	.00	.50	TH-232	<	.20	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
21	FMP-SD-21-025	1378074.00	482482.00	.00	.50	U-238	<	5.20	
	FMP-SD-21-026	1377930.00	482524.00	.00	.50	CS-137	<	.40	
	FMP-SD-21-026	1377930.00	482524.00	.00	.50	RA-226	=	.40	.20
	FMP-SD-21-026	1377930.00	482524.00	.00	.50	RU-106	<	.50	
	FMP-SD-21-026	1377930.00	482524.00	.00	.50	TH-232	=	.60	.40
	FMP-SD-21-026	1377930.00	482524.00	.00	.50	U-238	<	4.90	
	FMP-SD-21-026D	1377930.00	482524.00	.00	.50	CS-137	<	.70	
	FMP-SD-21-026D	1377930.00	482524.00	.00	.50	RA-226	=	.80	.20
	FMP-SD-21-026D	1377930.00	482524.00	.00	.50	RU-106	<	3.70	
	FMP-SD-21-026D	1377930.00	482524.00	.00	.50	TH-232	<	2.60	
	FMP-SD-21-026D	1377930.00	482524.00	.00	.50	U-238	<	10.40	
	FMP-SD-21-027	1377835.00	482550.00	.00	.33	CS-137	<	.10	
	FMP-SD-21-027	1377835.00	482550.00	.00	.33	RA-226	=	.60	.40
	FMP-SD-21-027	1377835.00	482550.00	.00	.33	RU-106	<	5.00	
	FMP-SD-21-027	1377835.00	482550.00	.00	.33	TH-232	<	1.90	
	FMP-SD-21-027	1377835.00	482550.00	.00	.33	U-238	<	7.50	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	CS-137	<	.40	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	RA-226	=	.80	.20
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	RU-106	<	3.90	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	TH-232	=	.70	.30
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	U-238	<	8.60	
	FMP-SD-21-029	1377639.00	482606.00	.00	.50	CS-137	<	.40	
	FMP-SD-21-029	1377639.00	482606.00	.00	.50	RA-226	<	1.00	
	FMP-SD-21-029	1377639.00	482606.00	.00	.50	RU-106	<	3.90	
	FMP-SD-21-029	1377639.00	482606.00	.00	.50	TH-232	<	1.00	
	FMP-SD-21-029	1377639.00	482606.00	.00	.50	U-238	<	7.60	
	FMP-SD-21-030	1377544.00	482633.00	.00	.33	CS-137	<	.10	
	FMP-SD-21-030	1377544.00	482633.00	.00	.33	RA-226	=	.50	.20
	FMP-SD-21-030	1377544.00	482633.00	.00	.33	RU-106	<	.40	
	FMP-SD-21-030	1377544.00	482633.00	.00	.33	TH-232	=	.60	.30
	FMP-SD-21-030	1377544.00	482633.00	.00	.33	U-238	=	2.40	2.00
	FMP-SD-21-031	1377448.00	482661.00	.00	.33	CS-137	<	.10	
	FMP-SD-21-031	1377448.00	482661.00	.00	.33	RA-226	=	.30	.20
	FMP-SD-21-031	1377448.00	482661.00	.00	.33	RU-106	<	3.20	
	FMP-SD-21-031	1377448.00	482661.00	.00	.33	TH-232	<	1.70	
	FMP-SD-21-031	1377448.00	482661.00	.00	.33	U-238	<	3.40	
	FMP-SD-21-032	1380235.84	482269.42	.00	.66	CS-137	<	.50	
	FMP-SD-21-032	1380235.84	482269.42	.00	.66	RA-226	=	.70	.30
	FMP-SD-21-032	1380235.84	482269.42	.00	.66	RU-106	<	4.30	
	FMP-SD-21-032	1380235.84	482269.42	.00	.66	TH-232	=	.80	.30
	FMP-SD-21-032	1380235.84	482269.42	.00	.66	U-238	<	10.50	
	FMP-SD-21-033	1380019.83	482272.34	.00	.75	CS-137	<	.80	
	FMP-SD-21-033	1380019.83	482272.34	.00	.75	RA-226	=	1.10	.50

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
21	FMP-SD-21-033	1380019.83	482272.34	.00	.75	RU-106	<	.70	
	FMP-SD-21-033	1380019.83	482272.34	.00	.75	TH-232	<	3.60	
	FMP-SD-21-033	1380019.83	482272.34	.00	.75	U-238	<	15.00	
	FMP-SD-21-034	1379471.00	482198.00	.00	.50	CS-137	<	.10	
	FMP-SD-21-034	1379471.00	482198.00	.00	.50	RA-226	=	.70	.60
	FMP-SD-21-034	1379471.00	482198.00	.00	.50	RU-106	<	.50	
	FMP-SD-21-034	1379471.00	482198.00	.00	.50	TH-232	<	2.50	
	FMP-SD-21-034	1379471.00	482198.00	.00	.50	U-238	<	12.70	
	FMP-SD-21-035	1379182.00	482195.00	.00	.50	CS-137	<	.10	
	FMP-SD-21-035	1379182.00	482195.00	.00	.50	RA-226	=	.70	.60
	FMP-SD-21-035	1379182.00	482195.00	.00	.50	RU-106	<	10.00	
	FMP-SD-21-035	1379182.00	482195.00	.00	.50	TH-232	<	2.10	
	FMP-SD-21-035	1379182.00	482195.00	.00	.50	U-238	<	9.40	
	FMP-SD-21-036	1378889.00	482264.00	.00	.50	CS-137	<	.60	
	FMP-SD-21-036	1378889.00	482264.00	.00	.50	RA-226	<	.10	
	FMP-SD-21-036	1378889.00	482264.00	.00	.50	RU-106	<	5.30	
	FMP-SD-21-036	1378889.00	482264.00	.00	.50	TH-232	<	2.70	
	FMP-SD-21-036	1378889.00	482264.00	.00	.50	U-238	<	6.80	
	FMP-SD-21-036D	1378889.00	482264.00	.00	.50	CS-137	<	.80	
	FMP-SD-21-036D	1378889.00	482264.00	.00	.50	RA-226	=	.60	.40
	FMP-SD-21-036D	1378889.00	482264.00	.00	.50	RU-106	<	5.30	
	FMP-SD-21-036D	1378889.00	482264.00	.00	.50	TH-232	=	.70	.50
	FMP-SD-21-036D	1378889.00	482264.00	.00	.50	U-238	<	7.80	
	FMP-SD-21-037	1378603.00	482339.00	.00	.50	CS-137	<	.80	
	FMP-SD-21-037	1378603.00	482339.00	.00	.50	RA-226	=	.90	.50
	FMP-SD-21-037	1378603.00	482339.00	.00	.50	RU-106	<	12.00	
	FMP-SD-21-037	1378603.00	482339.00	.00	.50	TH-232	<	.40	
	FMP-SD-21-037	1378603.00	482339.00	.00	.50	U-238	<	6.80	
	FMP-SD-21-038	1378315.00	482415.00	.00	.50	CS-137	<	.10	
	FMP-SD-21-038	1378315.00	482415.00	.00	.50	RA-226	=	.50	.30
	FMP-SD-21-038	1378315.00	482415.00	.00	.50	RU-106	<	.60	
	FMP-SD-21-038	1378315.00	482415.00	.00	.50	TH-232	=	.60	.40
	FMP-SD-21-038	1378315.00	482415.00	.00	.50	U-238	<	16.80	
	FMP-SD-21-039	1377739.00	482580.00	.00	.50	CS-137	<	.70	
	FMP-SD-21-039	1377739.00	482580.00	.00	.50	RA-226	=	.70	.30
	FMP-SD-21-039	1377739.00	482580.00	.00	.50	RU-106	<	4.60	
	FMP-SD-21-039	1377739.00	482580.00	.00	.50	TH-232	=	.40	.20
	FMP-SD-21-039	1377739.00	482580.00	.00	.50	U-238	<	12.80	
22	FMP-SS-22-001	.00	.00	.00	.50	CS-137	<	.80	
	FMP-SS-22-001	.00	.00	.00	.50	RA-226	=	.50	.30
	FMP-SS-22-001	.00	.00	.00	.50	RU-106	<	.50	
	FMP-SS-22-001	.00	.00	.00	.50	TH-232	=	.60	.30
	FMP-SS-22-001	.00	.00	.00	.50	U-238	=	4.10	2.10

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
22	FMP-SS-22-002S	.00	.00	.00	.50	CS-137	<	.80	
	FMP-SS-22-002S	.00	.00	.00	.50	RA-226	=	.60	.20
	FMP-SS-22-002S	.00	.00	.00	.50	RU-106	<	5.00	
	FMP-SS-22-002S	.00	.00	.00	.50	TH-232	=	.70	.30
	FMP-SS-22-002S	.00	.00	.00	.50	U-238	=	3.80	2.60
	FMP-SS-22-003	1377731.23	482317.97	.00	1.00	CS-137	<	.10	
	FMP-SS-22-003	1377731.23	482317.97	.00	1.00	RA-226	<	.60	
	FMP-SS-22-003	1377731.23	482317.97	.00	1.00	RU-106	<	.40	
	FMP-SS-22-003	1377731.23	482317.97	.00	1.00	TH-232	=	.70	.30
	FMP-SS-22-003	1377731.23	482317.97	.00	1.00	U-238	<	6.60	
	FMP-SS-22-004	1377922.60	482182.68	.00	1.00	CS-137	<	.40	
	FMP-SS-22-004	1377922.60	482182.68	.00	1.00	RA-226	=	.60	.30
	FMP-SS-22-004	1377922.60	482182.68	.00	1.00	RU-106	<	5.40	
	FMP-SS-22-004	1377922.60	482182.68	.00	1.00	TH-232	=	.60	.40
	FMP-SS-22-004	1377922.60	482182.68	.00	1.00	U-238	<	7.30	
	FMP-SS-22-005	1378034.20	482239.65	.00	1.00	CS-137	<	.20	
	FMP-SS-22-005	1378034.20	482239.65	.00	1.00	RA-226	=	.60	.20
	FMP-SS-22-005	1378034.20	482239.65	.00	1.00	RU-106	<	5.60	
	FMP-SS-22-005	1378034.20	482239.65	.00	1.00	TH-232	=	1.00	.40
	FMP-SS-22-005	1378034.20	482239.65	.00	1.00	U-238	=	2.50	2.00
	FMP-SS-22-006	1378160.86	482116.14	.00	1.00	CS-137	<	.40	
	FMP-SS-22-006	1378160.86	482116.14	.00	1.00	RA-226	<	.50	
	FMP-SS-22-006	1378160.86	482116.14	.00	1.00	RU-106	<	4.70	
	FMP-SS-22-006	1378160.86	482116.14	.00	1.00	TH-232	=	2.50	1.00
	FMP-SS-22-006	1378160.86	482116.14	.00	1.00	U-238	=	4.30	1.90
	FMP-SS-22-007	1377534.58	482443.39	.00	1.00	CS-137	<	.50	
	FMP-SS-22-007	1377534.58	482443.39	.00	1.00	RA-226	=	.70	.30
	FMP-SS-22-007	1377534.58	482443.39	.00	1.00	RU-106	<	4.40	
	FMP-SS-22-007	1377534.58	482443.39	.00	1.00	TH-232	=	.70	.30
	FMP-SS-22-007	1377534.58	482443.39	.00	1.00	U-238	<	7.20	
23	FMP-SL-23-112	1379098.65	480450.86	.50	1.00	CS-137	<	.30	
	FMP-SL-23-112	1379098.65	480450.86	.50	1.00	RA-226	=	1.40	.40
	FMP-SL-23-112	1379098.65	480450.86	.50	1.00	RU-106	<	6.40	
	FMP-SL-23-112	1379098.65	480450.86	.50	1.00	TH-232	=	.90	.40
	FMP-SL-23-112	1379098.65	480450.86	.50	1.00	U-238	<	12.30	
	FMP-SL-23-113QC	1379098.65	480450.86	.50	1.00	CS-137	<	1.10	
	FMP-SL-23-113QC	1379098.65	480450.86	.50	1.00	RA-226	=	1.80	.30
	FMP-SL-23-113QC	1379098.65	480450.86	.50	1.00	RU-106	<	8.00	
	FMP-SL-23-113QC	1379098.65	480450.86	.50	1.00	TH-232	=	1.10	.50
	FMP-SL-23-113QC	1379098.65	480450.86	.50	1.00	U-238	<	12.20	
	FMP-SL-23-114	1379098.65	480450.86	1.00	1.50	CS-137	<	.10	
	FMP-SL-23-114	1379098.65	480450.86	1.00	1.50	RA-226	=	1.10	.30
	FMP-SL-23-114	1379098.65	480450.86	1.00	1.50	RU-106	<	4.60	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SL-23-114	1379098.65	480450.86	1.00	1.50	TH-232	=	.90	.30
	FMP-SL-23-114	1379098.65	480450.86	1.00	1.50	U-238	<	11.90	
	FMP-SL-23-115QC	1379098.65	480450.86	1.00	1.50	CS-137	<	.40	
	FMP-SL-23-115QC	1379098.65	480450.86	1.00	1.50	RA-226	=	1.00	.30
	FMP-SL-23-115QC	1379098.65	480450.86	1.00	1.50	RU-106	<	2.80	
	FMP-SL-23-115QC	1379098.65	480450.86	1.00	1.50	TH-232	=	.70	.30
	FMP-SL-23-115QC	1379098.65	480450.86	1.00	1.50	U-238	=	15.20	3.00
	FMP-SL-23-116	1379117.24	480435.34	.50	1.00	CS-137	<	.30	
	FMP-SL-23-116	1379117.24	480435.34	.50	1.00	RA-226	=	3.20	.30
	FMP-SL-23-116	1379117.24	480435.34	.50	1.00	RU-106	<	4.70	
	FMP-SL-23-116	1379117.24	480435.34	.50	1.00	TH-232	=	1.70	.50
	FMP-SL-23-116	1379117.24	480435.34	.50	1.00	U-238	<	9.60	
	FMP-SL-23-117	1379117.24	480435.34	1.00	1.50	CS-137	<	.40	
	FMP-SL-23-117	1379117.24	480435.34	1.00	1.50	RA-226	=	.60	.30
	FMP-SL-23-117	1379117.24	480435.34	1.00	1.50	RU-106	<	2.90	
	FMP-SL-23-117	1379117.24	480435.34	1.00	1.50	TH-232	=	1.30	.30
	FMP-SL-23-117	1379117.24	480435.34	1.00	1.50	U-238	<	7.00	
	FMP-SL-23-118	1379139.64	480449.73	.50	1.00	CS-137	<	.70	
	FMP-SL-23-118	1379139.64	480449.73	.50	1.00	RA-226	=	4.00	.30
	FMP-SL-23-118	1379139.64	480449.73	.50	1.00	RU-106	<	2.80	
	FMP-SL-23-118	1379139.64	480449.73	.50	1.00	TH-232	=	1.10	.60
	FMP-SL-23-118	1379139.64	480449.73	.50	1.00	U-238	=	5.30	2.30
	FMP-SL-23-119	1379139.64	480449.73	1.00	1.50	CS-137	<	.40	
	FMP-SL-23-119	1379139.64	480449.73	1.00	1.50	RA-226	=	2.40	.50
	FMP-SL-23-119	1379139.64	480449.73	1.00	1.50	RU-106	<	.40	
	FMP-SL-23-119	1379139.64	480449.73	1.00	1.50	TH-232	=	1.10	.30
	FMP-SL-23-119	1379139.64	480449.73	1.00	1.50	U-238	<	4.30	
	FMP-SL-23-120	1379157.22	480434.25	.50	1.00	CS-137	<	.30	
	FMP-SL-23-120	1379157.22	480434.25	.50	1.00	RA-226	=	2.90	.40
	FMP-SL-23-120	1379157.22	480434.25	.50	1.00	RU-106	<	.50	
	FMP-SL-23-120	1379157.22	480434.25	.50	1.00	TH-232	<	1.40	
	FMP-SL-23-120	1379157.22	480434.25	.50	1.00	U-238	=	4.40	3.20
	FMP-SL-23-120D	1379157.22	480434.25	.50	1.00	CS-137	<	.50	
	FMP-SL-23-120D	1379157.22	480434.25	.50	1.00	RA-226	=	2.80	.50
	FMP-SL-23-120D	1379157.22	480434.25	.50	1.00	RU-106	<	.50	
	FMP-SL-23-120D	1379157.22	480434.25	.50	1.00	TH-232	=	.90	.50
	FMP-SL-23-120D	1379157.22	480434.25	.50	1.00	U-238	<	8.90	
	FMP-SL-23-121	1379157.22	480434.25	1.00	1.50	CS-137	<	.10	
	FMP-SL-23-121	1379157.22	480434.25	1.00	1.50	RA-226	=	.80	.30
	FMP-SL-23-121	1379157.22	480434.25	1.00	1.50	RU-106	<	.50	
	FMP-SL-23-121	1379157.22	480434.25	1.00	1.50	TH-232	=	1.10	.50
	FMP-SL-23-121	1379157.22	480434.25	1.00	1.50	U-238	<	7.00	
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	CS-137	<	1.10	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	RA-226	=	28.00	1.50
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	RU-106	<	5.30	
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	TH-232	=	14.60	3.50
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	U-238	<	7.60	
	FMP-SL-23-123	1379298.55	480444.38	1.00	1.50	CS-137	<	.60	
	FMP-SL-23-123	1379298.55	480444.38	1.00	1.50	RA-226	=	2.20	.50
	FMP-SL-23-123	1379298.55	480444.38	1.00	1.50	RU-106	<	4.60	
	FMP-SL-23-123	1379298.55	480444.38	1.00	1.50	TH-232	=	2.30	1.20
	FMP-SL-23-123	1379298.55	480444.38	1.00	1.50	U-238	<	4.70	
	FMP-SL-23-124	1379316.16	480429.90	.50	1.00	CS-137	<	.60	
	FMP-SL-23-124	1379316.16	480429.90	.50	1.00	RA-226	=	4.20	.60
	FMP-SL-23-124	1379316.16	480429.90	.50	1.00	RU-106	<	3.50	
	FMP-SL-23-124	1379316.16	480429.90	.50	1.00	TH-232	=	1.90	.40
	FMP-SL-23-124	1379316.16	480429.90	.50	1.00	U-238	<	5.60	
	FMP-SL-23-125	1379316.16	480429.90	1.00	1.50	CS-137	<	.30	
	FMP-SL-23-125	1379316.16	480429.90	1.00	1.50	RA-226	=	.80	.30
	FMP-SL-23-125	1379316.16	480429.90	1.00	1.50	RU-106	<	.50	
	FMP-SL-23-125	1379316.16	480429.90	1.00	1.50	TH-232	=	1.00	.30
	FMP-SL-23-125	1379316.16	480429.90	1.00	1.50	U-238	<	3.50	
	FMP-SL-23-126	1379336.59	480445.34	.50	1.00	CS-137	<	.60	
	FMP-SL-23-126	1379336.59	480445.34	.50	1.00	RA-226	=	1.10	.30
	FMP-SL-23-126	1379336.59	480445.34	.50	1.00	RU-106	<	.50	
	FMP-SL-23-126	1379336.59	480445.34	.50	1.00	TH-232	=	1.80	.50
	FMP-SL-23-126	1379336.59	480445.34	.50	1.00	U-238	<	8.50	
	FMP-SL-23-127	1379336.59	480445.34	1.00	1.50	CS-137	<	.30	
	FMP-SL-23-127	1379336.59	480445.34	1.00	1.50	RA-226	<	.80	
	FMP-SL-23-127	1379336.59	480445.34	1.00	1.50	RU-106	<	.50	
	FMP-SL-23-127	1379336.59	480445.34	1.00	1.50	TH-232	=	.90	.30
	FMP-SL-23-127	1379336.59	480445.34	1.00	1.50	U-238	<	5.80	
	FMP-SL-23-128	1379537.44	480436.85	.50	1.00	CS-137	<	.20	
	FMP-SL-23-128	1379537.44	480436.85	.50	1.00	RA-226	=	.90	.20
	FMP-SL-23-128	1379537.44	480436.85	.50	1.00	RU-106	<	7.40	
	FMP-SL-23-128	1379537.44	480436.85	.50	1.00	TH-232	=	1.40	.40
	FMP-SL-23-128	1379537.44	480436.85	.50	1.00	U-238	<	14.10	
	FMP-SL-23-129	1379537.44	480436.85	1.00	1.50	CS-137	<	.60	
	FMP-SL-23-129	1379537.44	480436.85	1.00	1.50	RA-226	<	.70	
	FMP-SL-23-129	1379537.44	480436.85	1.00	1.50	RU-106	<	5.40	
	FMP-SL-23-129	1379537.44	480436.85	1.00	1.50	TH-232	=	1.10	.30
	FMP-SL-23-129	1379537.44	480436.85	1.00	1.50	U-238	<	2.50	
	FMP-SL-23-130	1379558.48	480438.27	.50	1.00	CS-137	<	1.00	
	FMP-SL-23-130	1379558.48	480438.27	.50	1.00	RA-226	=	4.30	.50
	FMP-SL-23-130	1379558.48	480438.27	.50	1.00	RU-106	<	4.30	
	FMP-SL-23-130	1379558.48	480438.27	.50	1.00	TH-232	=	.60	.40

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SL-23-130	1379558.48	480438.27	.50	1.00	U-238	=	4.50	3.00
	FMP-SL-23-130D	1379558.48	480438.27	.50	1.00	CS-137	<	1.00	
	FMP-SL-23-130D	1379558.48	480438.27	.50	1.00	RA-226	=	4.00	.70
	FMP-SL-23-130D	1379558.48	480438.27	.50	1.00	RU-106	<	4.10	
	FMP-SL-23-130D	1379558.48	480438.27	.50	1.00	TH-232	=	1.00	.30
	FMP-SL-23-130D	1379558.48	480438.27	.50	1.00	U-238	<	9.90	
	FMP-SL-23-131	1379558.48	480438.27	1.00	1.50	CS-137	<	.40	
	FMP-SL-23-131	1379558.48	480438.27	1.00	1.50	RA-226	=	.90	.50
	FMP-SL-23-131	1379558.48	480438.27	1.00	1.50	RU-106	<	3.70	
	FMP-SL-23-131	1379558.48	480438.27	1.00	1.50	TH-232	=	1.00	.30
	FMP-SL-23-131	1379558.48	480438.27	1.00	1.50	U-238	<	6.00	
	FMP-SL-23-132	1379724.04	480419.73	.50	1.00	CS-137	<	.60	
	FMP-SL-23-132	1379724.04	480419.73	.50	1.00	RA-226	=	1.80	.40
	FMP-SL-23-132	1379724.04	480419.73	.50	1.00	RU-106	<	11.10	
	FMP-SL-23-132	1379724.04	480419.73	.50	1.00	TH-232	=	2.60	.80
	FMP-SL-23-132	1379724.04	480419.73	.50	1.00	U-238	=	10.20	3.70
	FMP-SL-23-133	1379724.04	480419.73	1.00	1.50	CS-137	<	1.20	
	FMP-SL-23-133	1379724.04	480419.73	1.00	1.50	RA-226	=	2.30	.50
	FMP-SL-23-133	1379724.04	480419.73	1.00	1.50	RU-106	<	11.00	
	FMP-SL-23-133	1379724.04	480419.73	1.00	1.50	TH-232	=	3.40	.50
	FMP-SL-23-133	1379724.04	480419.73	1.00	1.50	U-238	<	4.40	
	FMP-SL-23-134	1379745.03	480419.16	.50	1.00	CS-137	<	1.10	
	FMP-SL-23-134	1379745.03	480419.16	.50	1.00	RA-226	=	1.60	.30
	FMP-SL-23-134	1379745.03	480419.16	.50	1.00	RU-106	<	.40	
	FMP-SL-23-134	1379745.03	480419.16	.50	1.00	TH-232	=	.90	.40
	FMP-SL-23-134	1379745.03	480419.16	.50	1.00	U-238	<	14.50	
	FMP-SL-23-135Q	1379745.03	480419.16	.50	1.00	CS-137	<	1.30	
	FMP-SL-23-135Q	1379745.03	480419.16	.50	1.00	RA-226	=	2.80	.50
	FMP-SL-23-135Q	1379745.03	480419.16	.50	1.00	RU-106	<	3.30	
	FMP-SL-23-135Q	1379745.03	480419.16	.50	1.00	TH-232	=	1.60	.40
	FMP-SL-23-135Q	1379745.03	480419.16	.50	1.00	U-238	<	17.20	
	FMP-SL-23-136	1379745.03	480419.16	1.00	1.50	CS-137	<	.30	
	FMP-SL-23-136	1379745.03	480419.16	1.00	1.50	RA-226	=	1.10	.30
	FMP-SL-23-136	1379745.03	480419.16	1.00	1.50	RU-106	<	.70	
	FMP-SL-23-136	1379745.03	480419.16	1.00	1.50	TH-232	<	.50	
	FMP-SL-23-136	1379745.03	480419.16	1.00	1.50	U-238	<	12.40	
	FMP-SL-23-137Q	1379745.03	480419.16	1.00	1.50	CS-137	<	.60	
	FMP-SL-23-137Q	1379745.03	480419.16	1.00	1.50	RA-226	=	.90	.30
	FMP-SL-23-137Q	1379745.03	480419.16	1.00	1.50	RU-106	<	6.50	
	FMP-SL-23-137Q	1379745.03	480419.16	1.00	1.50	TH-232	=	.90	.30
	FMP-SL-23-137Q	1379745.03	480419.16	1.00	1.50	U-238	<	6.30	
	FMP-SL-23-142	1379310.33	480436.06	.50	1.00	CS-137	<	.90	
	FMP-SL-23-142	1379310.33	480436.06	.50	1.00	RA-226	=	2.20	.50

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SL-23-142	1379310.33	480436.06	.50	1.00	RU-106	<	.60	
	FMP-SL-23-142	1379310.33	480436.06	.50	1.00	TH-232	=	1.20	.40
	FMP-SL-23-142	1379310.33	480436.06	.50	1.00	U-238	<	18.10	
	FMP-SL-23-149	1379377.91	480456.22	.50	1.00	CS-137	<	.60	
	FMP-SL-23-149	1379377.91	480456.22	.50	1.00	RA-226	=	.90	.50
	FMP-SL-23-149	1379377.91	480456.22	.50	1.00	RU-106	<	5.20	
	FMP-SL-23-149	1379377.91	480456.22	.50	1.00	TH-232	=	.70	.50
	FMP-SL-23-149	1379377.91	480456.22	.50	1.00	U-238	<	7.10	
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	CS-137	<	2.90	
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	RA-226	=	75.90	2.50
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	RU-106	<	21.60	
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	TH-232	=	8.80	3.50
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	U-238	<	68.60	
	FMP-SL-23-159	1379200.84	480456.06	.50	1.00	CS-137	<	.30	
	FMP-SL-23-159	1379200.84	480456.06	.50	1.00	RA-226	=	4.30	.50
	FMP-SL-23-159	1379200.84	480456.06	.50	1.00	RU-106	<	2.90	
	FMP-SL-23-159	1379200.84	480456.06	.50	1.00	TH-232	<	1.00	
	FMP-SL-23-159	1379200.84	480456.06	.50	1.00	U-238	<	8.90	
	FMP-SL-23-163	1379108.79	480455.58	.50	1.00	CS-137	<	1.10	
	FMP-SL-23-163	1379108.79	480455.58	.50	1.00	RA-226	=	42.10	1.80
	FMP-SL-23-163	1379108.79	480455.58	.50	1.00	RU-106	<	8.50	
	FMP-SL-23-163	1379108.79	480455.58	.50	1.00	TH-232	<	4.20	
	FMP-SL-23-163	1379108.79	480455.58	.50	1.00	U-238	<	25.30	
	FMP-SL-23-171	1378962.84	480459.58	.50	1.00	CS-137	<	.20	
	FMP-SL-23-171	1378962.84	480459.58	.50	1.00	RA-226	=	1.50	.50
	FMP-SL-23-171	1378962.84	480459.58	.50	1.00	RU-106	<	3.80	
	FMP-SL-23-171	1378962.84	480459.58	.50	1.00	TH-232	=	1.90	1.00
	FMP-SL-23-171	1378962.84	480459.58	.50	1.00	U-238	=	9.80	3.00
	FMP-SL-23-172	1379388.60	480444.92	1.00	1.50	CS-137	<	.30	
	FMP-SL-23-172	1379388.60	480444.92	1.00	1.50	RA-226	=	11.50	1.10
	FMP-SL-23-172	1379388.60	480444.92	1.00	1.50	RU-106	<	2.90	
	FMP-SL-23-172	1379388.60	480444.92	1.00	1.50	TH-232	=	5.10	1.00
	FMP-SL-23-172	1379388.60	480444.92	1.00	1.50	U-238	<	8.80	
	FMP-SL-23-172D	1379388.60	480444.92	1.00	1.50	CS-137	<	.30	
	FMP-SL-23-172D	1379388.60	480444.92	1.00	1.50	RA-226	=	11.90	.90
	FMP-SL-23-172D	1379388.60	480444.92	1.00	1.50	RU-106	<	4.30	
	FMP-SL-23-172D	1379388.60	480444.92	1.00	1.50	TH-232	=	3.00	1.40
	FMP-SL-23-172D	1379388.60	480444.92	1.00	1.50	U-238	<	10.30	
	FMP-SL-23-173	1379388.60	480444.92	1.50	2.00	CS-137	<	.40	
	FMP-SL-23-173	1379388.60	480444.92	1.50	2.00	RA-226	=	3.70	.60
	FMP-SL-23-173	1379388.60	480444.92	1.50	2.00	RU-106	<	2.90	
	FMP-SL-23-173	1379388.60	480444.92	1.50	2.00	TH-232	<	1.10	
	FMP-SL-23-173	1379388.60	480444.92	1.50	2.00	U-238	<	4.00	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SL-23-175	1379394.60	480444.76	.50	1.00	CS-137	<	.50	
	FMP-SL-23-175	1379394.60	480444.76	.50	1.00	RA-226	=	1.40	.40
	FMP-SL-23-175	1379394.60	480444.76	.50	1.00	RU-106	<	2.30	
	FMP-SL-23-175	1379394.60	480444.76	.50	1.00	TH-232	<	1.60	
	FMP-SL-23-175	1379394.60	480444.76	.50	1.00	U-238	<	6.70	
	FMP-SL-23-177	1379388.87	480454.92	.50	1.00	CS-137	<	.30	
	FMP-SL-23-177	1379388.87	480454.92	.50	1.00	RA-226	=	3.90	.60
	FMP-SL-23-177	1379388.87	480454.92	.50	1.00	RU-106	<	1.70	
	FMP-SL-23-177	1379388.87	480454.92	.50	1.00	TH-232	<	1.10	
	FMP-SL-23-177	1379388.87	480454.92	.50	1.00	U-238	<	4.60	
	FMP-SL-23-179	1379381.60	480445.11	.50	1.00	CS-137	<	.40	
	FMP-SL-23-179	1379381.60	480445.11	.50	1.00	RA-226	=	.70	.30
	FMP-SL-23-179	1379381.60	480445.11	.50	1.00	RU-106	<	.50	
	FMP-SL-23-179	1379381.60	480445.11	.50	1.00	TH-232	=	.90	.50
	FMP-SL-23-179	1379381.60	480445.11	.50	1.00	U-238	<	2.50	
	FMP-SL-23-182	1379397.20	480466.69	.50	1.00	CS-137	<	2.00	
	FMP-SL-23-182	1379397.20	480466.69	.50	1.00	RA-226	=	2.10	.50
	FMP-SL-23-182	1379397.20	480466.69	.50	1.00	RU-106	<	1.30	
	FMP-SL-23-182	1379397.20	480466.69	.50	1.00	TH-232	=	.80	.60
	FMP-SL-23-182	1379397.20	480466.69	.50	1.00	U-238	<	6.90	
	FMP-SL-23-182D	1379397.20	480466.69	.50	1.00	CS-137	<	1.00	
	FMP-SL-23-182D	1379397.20	480466.69	.50	1.00	RA-226	=	2.40	.60
	FMP-SL-23-182D	1379397.20	480466.69	.50	1.00	RU-106	<	14.30	
	FMP-SL-23-182D	1379397.20	480466.69	.50	1.00	TH-232	=	1.60	1.00
	FMP-SL-23-182D	1379397.20	480466.69	.50	1.00	U-238	<	12.20	
	FMP-SL-23-183	1379327.12	480464.61	.50	1.00	CS-137	<	.10	
	FMP-SL-23-183	1379327.12	480464.61	.50	1.00	RA-226	=	.60	.30
	FMP-SL-23-183	1379327.12	480464.61	.50	1.00	RU-106	<	3.00	
	FMP-SL-23-183	1379327.12	480464.61	.50	1.00	TH-232	=	.40	.30
	FMP-SL-23-183	1379327.12	480464.61	.50	1.00	U-238	<	4.80	
	FMP-SL-23-184QC	1379397.20	480466.69	.50	1.00	CS-137	<	.10	
	FMP-SL-23-184QC	1379397.20	480466.69	.50	1.00	RA-226	=	1.00	.30
	FMP-SL-23-184QC	1379397.20	480466.69	.50	1.00	RU-106	<	7.40	
	FMP-SL-23-184QC	1379397.20	480466.69	.50	1.00	TH-232	<	.30	
	FMP-SL-23-184QC	1379397.20	480466.69	.50	1.00	U-238	<	11.10	
	FMP-SL-23-185QC	1379388.60	480444.92	1.50	2.00	CS-137	<	.80	
	FMP-SL-23-185QC	1379388.60	480444.92	1.50	2.00	RA-226	=	3.10	.50
	FMP-SL-23-185QC	1379388.60	480444.92	1.50	2.00	RU-106	<	2.50	
	FMP-SL-23-185QC	1379388.60	480444.92	1.50	2.00	TH-232	=	.70	.30
	FMP-SL-23-185QC	1379388.60	480444.92	1.50	2.00	U-238	<	15.10	
	FMP-SL-23-186	1379108.79	480455.58	1.00	1.50	CS-137	<	.70	
	FMP-SL-23-186	1379108.79	480455.58	1.00	1.50	RA-226	=	3.90	.60
	FMP-SL-23-186	1379108.79	480455.58	1.00	1.50	RU-106	<	8.20	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SL-23-186	1379108.79	480455.58	1.00	1.50	TH-232	=	1.00	.40
	FMP-SL-23-186	1379108.79	480455.58	1.00	1.50	U-238	<	8.30	
	FMP-SL-23-187	1379108.79	480455.58	1.50	2.00	CS-137	<	.60	
	FMP-SL-23-187	1379108.79	480455.58	1.50	2.00	RA-226	=	2.50	.50
	FMP-SL-23-187	1379108.79	480455.58	1.50	2.00	RU-106	<	3.10	
	FMP-SL-23-187	1379108.79	480455.58	1.50	2.00	TH-232	=	1.20	.80
	FMP-SL-23-187	1379108.79	480455.58	1.50	2.00	U-238	<	7.60	
	FMP-SL-23-188	1378992.72	480454.76	.50	1.00	CS-137	<	.90	
	FMP-SL-23-188	1378992.72	480454.76	.50	1.00	RA-226	=	3.50	.50
	FMP-SL-23-188	1378992.72	480454.76	.50	1.00	RU-106	<	8.20	
	FMP-SL-23-188	1378992.72	480454.76	.50	1.00	TH-232	<	3.50	
	FMP-SL-23-188	1378992.72	480454.76	.50	1.00	U-238	=	5.80	2.30
	FMP-SL-23-191	1379723.31	480429.76	.50	1.00	CS-137	<	1.30	
	FMP-SL-23-191	1379723.31	480429.76	.50	1.00	RA-226	=	1.60	.40
	FMP-SL-23-191	1379723.31	480429.76	.50	1.00	RU-106	<	4.20	
	FMP-SL-23-191	1379723.31	480429.76	.50	1.00	TH-232	=	2.20	.40
	FMP-SL-23-191	1379723.31	480429.76	.50	1.00	U-238	<	8.70	
	FMP-SL-23-191D	1379723.31	480429.76	.50	1.00	CS-137	<	.90	
	FMP-SL-23-191D	1379723.31	480429.76	.50	1.00	RA-226	=	1.10	.40
	FMP-SL-23-191D	1379723.31	480429.76	.50	1.00	RU-106	<	10.00	
	FMP-SL-23-191D	1379723.31	480429.76	.50	1.00	TH-232	=	1.90	.50
	FMP-SL-23-191D	1379723.31	480429.76	.50	1.00	U-238	<	14.50	
	FMP-SL-23-192	1379723.31	480429.76	1.00	1.50	CS-137	<	.90	
	FMP-SL-23-192	1379723.31	480429.76	1.00	1.50	RA-226	=	.90	.30
	FMP-SL-23-192	1379723.31	480429.76	1.00	1.50	RU-106	<	5.80	
	FMP-SL-23-192	1379723.31	480429.76	1.00	1.50	TH-232	=	1.10	.40
	FMP-SL-23-192	1379723.31	480429.76	1.00	1.50	U-238	<	11.50	
	FMP-SL-23-195	1379563.48	480438.13	.50	1.00	CS-137	<	.40	
	FMP-SL-23-195	1379563.48	480438.13	.50	1.00	RA-226	=	1.40	.30
	FMP-SL-23-195	1379563.48	480438.13	.50	1.00	RU-106	<	5.70	
	FMP-SL-23-195	1379563.48	480438.13	.50	1.00	TH-232	<	.30	
	FMP-SL-23-195	1379563.48	480438.13	.50	1.00	U-238	<	14.00	
	FMP-SL-23-196	1379417.63	480482.14	.50	1.00	CS-137	<	1.10	
	FMP-SL-23-196	1379417.63	480482.14	.50	1.00	RA-226	=	.90	.60
	FMP-SL-23-196	1379417.63	480482.14	.50	1.00	RU-106	<	3.70	
	FMP-SL-23-196	1379417.63	480482.14	.50	1.00	TH-232	=	.90	.50
	FMP-SL-23-196	1379417.63	480482.14	.50	1.00	U-238	<	14.10	
	FMP-SS-23-001	1379807.39	480431.46	.00	.50	CS-137	<	1.10	
	FMP-SS-23-001	1379807.39	480431.46	.00	.50	RA-226	=	3.80	.60
	FMP-SS-23-001	1379807.39	480431.46	.00	.50	RU-106	<	.70	
	FMP-SS-23-001	1379807.39	480431.46	.00	.50	TH-232	=	1.70	1.20
	FMP-SS-23-001	1379807.39	480431.46	.00	.50	U-238	=	8.20	7.60
	FMP-SS-23-002	1379787.01	480418.01	.00	.50	CS-137	<	.10	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-002	1379787.01	480418.01	.00	.50	RA-226	=	2.20	.50
	FMP-SS-23-002	1379787.01	480418.01	.00	.50	TH-232	=	1.80	.60
	FMP-SS-23-002	1379787.01	480418.01	.00	.50	U-238	<	8.00	
	FMP-SS-23-003	1379765.40	480432.61	.00	.50	CS-137	<	1.00	
	FMP-SS-23-003	1379765.40	480432.61	.00	.50	RA-226	=	1.40	.30
	FMP-SS-23-003	1379765.40	480432.61	.00	.50	RU-106	<	1.00	
	FMP-SS-23-003	1379765.40	480432.61	.00	.50	TH-232	=	2.80	1.30
	FMP-SS-23-003	1379765.40	480432.61	.00	.50	U-238	=	14.20	5.30
	FMP-SS-23-004	1379745.03	480419.16	.00	.50	CS-137	<	.10	
	FMP-SS-23-004	1379745.03	480419.16	.00	.50	RA-226	=	7.00	1.00
	FMP-SS-23-004	1379745.03	480419.16	.00	.50	TH-232	=	7.00	1.00
	FMP-SS-23-004	1379745.03	480419.16	.00	.50	U-238	<	9.00	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	CS-137	<	1.80	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	RA-226	=	14.40	1.50
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	RU-106	<	10.00	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	TH-232	=	19.90	4.40
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	U-238	=	29.00	13.00
	FMP-SS-23-006	1379704.43	480434.28	.00	.50	CS-137	<	1.10	
	FMP-SS-23-006	1379704.43	480434.28	.00	.50	RA-226	=	.80	.30
	FMP-SS-23-006	1379704.43	480434.28	.00	.50	RU-106	<	.80	
	FMP-SS-23-006	1379704.43	480434.28	.00	.50	TH-232	<	.40	
	FMP-SS-23-006	1379704.43	480434.28	.00	.50	U-238	=	4.00	3.00
	FMP-SS-23-007	1379683.05	480420.86	.00	.50	CS-137	<	.50	
	FMP-SS-23-007	1379683.05	480420.86	.00	.50	RA-226	=	2.00	.50
	FMP-SS-23-007	1379683.05	480420.86	.00	.50	RU-106	<	11.70	
	FMP-SS-23-007	1379683.05	480420.86	.00	.50	TH-232	=	1.20	1.00
	FMP-SS-23-007	1379683.05	480420.86	.00	.50	U-238	=	10.10	5.00
	FMP-SS-23-008	1379662.06	480421.43	.00	.50	CS-137	<	1.20	
	FMP-SS-23-008	1379662.06	480421.43	.00	.50	RA-226	=	1.60	.40
	FMP-SS-23-008	1379662.06	480421.43	.00	.50	RU-106	<	12.50	
	FMP-SS-23-008	1379662.06	480421.43	.00	.50	TH-232	=	1.10	.90
	FMP-SS-23-008	1379662.06	480421.43	.00	.50	U-238	=	10.60	5.40
	FMP-SS-23-009	1379641.07	480422.01	.00	.50	CS-137	=	.50	.20
	FMP-SS-23-009	1379641.07	480422.01	.00	.50	RA-226	=	1.20	.30
	FMP-SS-23-009	1379641.07	480422.01	.00	.50	TH-232	=	.60	.30
	FMP-SS-23-009	1379641.07	480422.01	.00	.50	U-238	=	6.00	5.00
	FMP-SS-23-010	1379600.08	480423.13	.00	.50	CS-137	<	.70	
	FMP-SS-23-010	1379600.08	480423.13	.00	.50	RA-226	=	2.60	.50
	FMP-SS-23-010	1379600.08	480423.13	.00	.50	RU-106	<	11.60	
	FMP-SS-23-010	1379600.08	480423.13	.00	.50	TH-232	=	1.60	.80
	FMP-SS-23-010	1379600.08	480423.13	.00	.50	U-238	=	11.50	5.50
	FMP-SS-23-010QC	1379600.08	480423.13	.00	.50	CS-137	=	.80	.30
	FMP-SS-23-010QC	1379600.08	480423.13	.00	.50	RA-226	=	2.00	.60

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-010QC	1379600.08	480423.13	.00	.50	RU-106	<	.70	
	FMP-SS-23-010QC	1379600.08	480423.13	.00	.50	TH-232	=	1.40	.80
	FMP-SS-23-010QC	1379600.08	480423.13	.00	.50	U-238	=	14.60	5.10
	FMP-SS-23-011	1379579.09	480423.70	.00	.50	CS-137	<	1.30	
	FMP-SS-23-011	1379579.09	480423.70	.00	.50	RA-226	=	4.70	.60
	FMP-SS-23-011	1379579.09	480423.70	.00	.50	RU-106	<	9.50	
	FMP-SS-23-011	1379579.09	480423.70	.00	.50	TH-232	<	.80	
	FMP-SS-23-011	1379579.09	480423.70	.00	.50	U-238	=	8.80	4.10
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	CS-137	<	1.30	
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	RA-226	=	19.80	1.30
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	RU-106	<	16.10	
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	TH-232	=	4.60	1.10
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	U-238	=	12.70	8.00
	FMP-SS-23-012D	1379558.48	480438.27	.00	.50	CS-137	=	.90	.70
	FMP-SS-23-012D	1379558.48	480438.27	.00	.50	RA-226	=	19.00	1.20
	FMP-SS-23-012D	1379558.48	480438.27	.00	.50	RU-106	<	6.90	
	FMP-SS-23-012D	1379558.48	480438.27	.00	.50	TH-232	=	2.90	1.50
	FMP-SS-23-012D	1379558.48	480438.27	.00	.50	U-238	<	11.00	
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	CS-137	=	1.80	.50
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	RA-226	=	6.70	.90
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	RU-106	<	8.00	
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	TH-232	=	9.20	3.30
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	U-238	=	19.10	7.40
	FMP-SS-23-014	1379517.11	480425.40	.00	.50	CS-137	=	.50	.30
	FMP-SS-23-014	1379517.11	480425.40	.00	.50	RA-226	=	4.40	.90
	FMP-SS-23-014	1379517.11	480425.40	.00	.50	RU-106	<	10.60	
	FMP-SS-23-014	1379517.11	480425.40	.00	.50	TH-232	=	2.20	.80
	FMP-SS-23-014	1379517.11	480425.40	.00	.50	U-238	=	12.40	3.30
	FMP-SS-23-015	1379433.15	480427.70	.00	.50	CS-137	<	.30	
	FMP-SS-23-015	1379433.15	480427.70	.00	.50	RA-226	=	.80	.30
	FMP-SS-23-015	1379433.15	480427.70	.00	.50	RU-106	<	.70	
	FMP-SS-23-015	1379433.15	480427.70	.00	.50	TH-232	<	3.30	
	FMP-SS-23-015	1379433.15	480427.70	.00	.50	U-238	<	12.00	
	FMP-SS-23-016	1379416.54	480442.16	.00	.50	CS-137	<	.80	
	FMP-SS-23-016	1379416.54	480442.16	.00	.50	RA-226	=	1.60	.40
	FMP-SS-23-016	1379416.54	480442.16	.00	.50	RU-106	<	2.00	
	FMP-SS-23-016	1379416.54	480442.16	.00	.50	TH-232	<	2.20	
	FMP-SS-23-016	1379416.54	480442.16	.00	.50	U-238	<	11.50	
	FMP-SS-23-017	1379394.13	480427.76	.00	.50	CS-137	=	.20	.10
	FMP-SS-23-017	1379394.13	480427.76	.00	.50	RA-226	=	3.00	.60
	FMP-SS-23-017	1379394.13	480427.76	.00	.50	TH-232	=	1.80	.50
	FMP-SS-23-017	1379394.13	480427.76	.00	.50	U-238	<	6.00	
	FMP-SS-23-018	1379377.55	480443.22	.00	.50	CS-137	=	.80	.30

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-018	1379377.55	480443.22	.00	.50	RA-226	=	2.30	.30
	FMP-SS-23-018	1379377.55	480443.22	.00	.50	RU-106	<	7.20	
	FMP-SS-23-018	1379377.55	480443.22	.00	.50	TH-232	=	1.80	.80
	FMP-SS-23-018	1379377.55	480443.22	.00	.50	U-238	<	18.10	
	FMP-SS-23-019	1379354.15	480428.86	.00	.50	CS-137	<	.40	
	FMP-SS-23-019	1379354.15	480428.86	.00	.50	RA-226	=	2.00	.40
	FMP-SS-23-019	1379354.15	480428.86	.00	.50	RU-106	<	5.00	
	FMP-SS-23-019	1379354.15	480428.86	.00	.50	TH-232	=	2.10	.90
	FMP-SS-23-019	1379354.15	480428.86	.00	.50	U-238	=	6.30	2.60
	FMP-SS-23-020	1379336.59	480445.34	.00	.50	CS-137	=	.90	.30
	FMP-SS-23-020	1379336.59	480445.34	.00	.50	RA-226	=	4.00	.70
	FMP-SS-23-020	1379336.59	480445.34	.00	.50	TH-232	=	7.00	1.00
	FMP-SS-23-020	1379336.59	480445.34	.00	.50	U-238	<	5.00	
	FMP-SS-23-020QC	1379336.59	480445.34	.00	.50	CS-137	<	1.20	
	FMP-SS-23-020QC	1379336.59	480445.34	.00	.50	RA-226	=	4.70	.80
	FMP-SS-23-020QC	1379336.59	480445.34	.00	.50	RU-106	<	13.50	
	FMP-SS-23-020QC	1379336.59	480445.34	.00	.50	TH-232	=	5.30	2.40
	FMP-SS-23-020QC	1379336.59	480445.34	.00	.50	U-238	=	16.70	6.00
	FMP-SS-23-021	1379316.16	480429.90	.00	.50	CS-137	=	1.10	.30
	FMP-SS-23-021	1379316.16	480429.90	.00	.50	RA-226	=	7.00	1.00
	FMP-SS-23-021	1379316.16	480429.90	.00	.50	TH-232	=	6.00	1.00
	FMP-SS-23-021	1379316.16	480429.90	.00	.50	U-238	<	5.00	
	FMP-SS-23-022	1379298.55	480444.38	.00	.50	CS-137	=	.30	.20
	FMP-SS-23-022	1379298.55	480444.38	.00	.50	RA-226	=	40.00	2.00
	FMP-SS-23-022	1379298.55	480444.38	.00	.50	TH-232	=	40.00	3.00
	FMP-SS-23-022	1379298.55	480444.38	.00	.50	U-238	=	43.00	9.00
	FMP-SS-23-023	1379279.20	480431.91	.00	.50	CS-137	<	.90	
	FMP-SS-23-023	1379279.20	480431.91	.00	.50	RA-226	=	1.80	.40
	FMP-SS-23-023	1379279.20	480431.91	.00	.50	RU-106	<	6.80	
	FMP-SS-23-023	1379279.20	480431.91	.00	.50	TH-232	=	2.00	.80
	FMP-SS-23-023	1379279.20	480431.91	.00	.50	U-238	<	12.30	
	FMP-SS-23-024	1379258.59	480446.48	.00	.50	CS-137	=	.60	.50
	FMP-SS-23-024	1379258.59	480446.48	.00	.50	RA-226	=	2.90	.50
	FMP-SS-23-024	1379258.59	480446.48	.00	.50	RU-106	<	4.90	
	FMP-SS-23-024	1379258.59	480446.48	.00	.50	TH-232	<	.80	
	FMP-SS-23-024	1379258.59	480446.48	.00	.50	U-238	=	8.20	3.00
	FMP-SS-23-025	1379237.19	480432.06	.00	.50	CS-137	=	.50	.20
	FMP-SS-23-025	1379237.19	480432.06	.00	.50	RA-226	=	3.30	.70
	FMP-SS-23-025	1379237.19	480432.06	.00	.50	TH-232	=	7.00	1.00
	FMP-SS-23-025	1379237.19	480432.06	.00	.50	U-238	<	8.00	
	FMP-SS-23-026	1379218.61	480447.57	.00	.50	CS-137	=	.30	.20
	FMP-SS-23-026	1379218.61	480447.57	.00	.50	RA-226	=	13.00	1.00
	FMP-SS-23-026	1379218.61	480447.57	.00	.50	TH-232	=	4.00	.90

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-026	1379218.61	480447.57	.00	.50	U-238	<	4.00	
	FMP-SS-23-027	1379198.21	480433.13	.00	.50	CS-137	=	1.00	.20
	FMP-SS-23-027	1379198.21	480433.13	.00	.50	RA-226	=	5.00	1.00
	FMP-SS-23-027	1379198.21	480433.13	.00	.50	TH-232	=	5.00	1.00
	FMP-SS-23-027	1379198.21	480433.13	.00	.50	U-238	<	10.00	
	FMP-SS-23-028	1379177.60	480447.70	.00	.50	CS-137	=	.50	.20
	FMP-SS-23-028	1379177.60	480447.70	.00	.50	RA-226	=	3.10	.60
	FMP-SS-23-028	1379177.60	480447.70	.00	.50	TH-232	=	1.60	.60
	FMP-SS-23-028	1379177.60	480447.70	.00	.50	U-238	<	10.00	
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	CS-137	<	.50	
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	RA-226	=	6.80	.80
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	RU-106	<	10.30	
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	TH-232	<	4.60	
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	U-238	=	5.70	3.00
	FMP-SS-23-029D	1379157.22	480434.25	.00	.50	CS-137	<	.80	
	FMP-SS-23-029D	1379157.22	480434.25	.00	.50	RA-226	=	7.00	.70
	FMP-SS-23-029D	1379157.22	480434.25	.00	.50	RU-106	<	6.70	
	FMP-SS-23-029D	1379157.22	480434.25	.00	.50	TH-232	=	2.50	1.50
	FMP-SS-23-029D	1379157.22	480434.25	.00	.50	U-238	<	4.60	
	FMP-SS-23-030	1379139.64	480449.73	.00	.50	CS-137	=	.30	.20
	FMP-SS-23-030	1379139.64	480449.73	.00	.50	RA-226	=	6.00	1.00
	FMP-SS-23-030	1379139.64	480449.73	.00	.50	TH-232	=	1.60	.60
	FMP-SS-23-030	1379139.64	480449.73	.00	.50	U-238	<	6.00	
	FMP-SS-23-030QC	1379139.64	480449.73	.00	.50	CS-137	<	.90	
	FMP-SS-23-030QC	1379139.64	480449.73	.00	.50	RA-226	=	5.60	.60
	FMP-SS-23-030QC	1379139.64	480449.73	.00	.50	RU-106	<	10.80	
	FMP-SS-23-030QC	1379139.64	480449.73	.00	.50	TH-232	=	1.10	.80
	FMP-SS-23-030QC	1379139.64	480449.73	.00	.50	U-238	<	10.00	
	FMP-SS-23-031	1379117.24	480435.34	.00	.50	CS-137	<	.20	
	FMP-SS-23-031	1379117.24	480435.34	.00	.50	RA-226	=	12.00	1.00
	FMP-SS-23-031	1379117.24	480435.34	.00	.50	TH-232	=	1.70	.70
	FMP-SS-23-031	1379117.24	480435.34	.00	.50	U-238	<	10.00	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	CS-137	<	.40	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	RA-226	=	6.80	.70
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	RU-106	<	4.10	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	TH-232	<	3.40	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	U-238	<	16.10	
	FMP-SS-23-033	1379077.28	480437.44	.00	.50	CS-137	<	.30	
	FMP-SS-23-033	1379077.28	480437.44	.00	.50	RA-226	=	2.90	.40
	FMP-SS-23-033	1379077.28	480437.44	.00	.50	RU-106	<	3.30	
	FMP-SS-23-033	1379077.28	480437.44	.00	.50	TH-232	=	1.30	.50
	FMP-SS-23-033	1379077.28	480437.44	.00	.50	U-238	<	17.20	
	FMP-SS-23-034	1379058.67	480451.95	.00	.50	CS-137	<	.40	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-034	1379058.67	480451.95	.00	.50	RA-226	=	2.90	.40
	FMP-SS-23-034	1379058.67	480451.95	.00	.50	RU-106	<	2.80	
	FMP-SS-23-034	1379058.67	480451.95	.00	.50	TH-232	=	1.10	.40
	FMP-SS-23-034	1379058.67	480451.95	.00	.50	U-238	=	4.40	3.60
	FMP-SS-23-035	1379038.29	480438.50	.00	.50	CS-137	<	.50	
	FMP-SS-23-035	1379038.29	480438.50	.00	.50	RA-226	=	.70	.60
	FMP-SS-23-035	1379038.29	480438.50	.00	.50	RU-106	<	6.40	
	FMP-SS-23-035	1379038.29	480438.50	.00	.50	TH-232	<	2.10	
	FMP-SS-23-035	1379038.29	480438.50	.00	.50	U-238	=	5.90	2.50
	FMP-SS-23-036	1378998.28	480438.60	.00	.50	CS-137	<	.30	
	FMP-SS-23-036	1378998.28	480438.60	.00	.50	RA-226	=	.90	.40
	FMP-SS-23-036	1378998.28	480438.60	.00	.50	RU-106	<	.50	
	FMP-SS-23-036	1378998.28	480438.60	.00	.50	TH-232	=	1.10	.50
	FMP-SS-23-036	1378998.28	480438.60	.00	.50	U-238	<	7.70	
	FMP-SS-23-037	1378978.70	480454.14	.00	.50	CS-137	=	.70	.40
	FMP-SS-23-037	1378978.70	480454.14	.00	.50	RA-226	=	1.30	.20
	FMP-SS-23-037	1378978.70	480454.14	.00	.50	RU-106	<	4.40	
	FMP-SS-23-037	1378978.70	480454.14	.00	.50	TH-232	=	1.30	.90
	FMP-SS-23-037	1378978.70	480454.14	.00	.50	U-238	=	7.60	1.40
	FMP-SS-23-038	1378956.30	480439.75	.00	.50	CS-137	<	.60	
	FMP-SS-23-038	1378956.30	480439.75	.00	.50	RA-226	=	1.60	.40
	FMP-SS-23-038	1378956.30	480439.75	.00	.50	RU-106	<	1.40	
	FMP-SS-23-038	1378956.30	480439.75	.00	.50	TH-232	<	.30	
	FMP-SS-23-038	1378956.30	480439.75	.00	.50	U-238	=	7.20	3.60
	FMP-SS-23-039	1378937.71	480455.26	.00	.50	CS-137	<	.50	
	FMP-SS-23-039	1378937.71	480455.26	.00	.50	RA-226	=	.70	.60
	FMP-SS-23-039	1378937.71	480455.26	.00	.50	RU-106	<	.60	
	FMP-SS-23-039	1378937.71	480455.26	.00	.50	TH-232	=	.90	.40
	FMP-SS-23-039	1378937.71	480455.26	.00	.50	U-238	=	4.70	2.60
	FMP-SS-23-040	1378917.34	480441.81	.00	.50	CS-137	<	.30	
	FMP-SS-23-040	1378917.34	480441.81	.00	.50	RA-226	<	.70	
	FMP-SS-23-040	1378917.34	480441.81	.00	.50	RU-106	<	2.90	
	FMP-SS-23-040	1378917.34	480441.81	.00	.50	TH-232	=	.90	.40
	FMP-SS-23-040	1378917.34	480441.81	.00	.50	U-238	<	12.00	
	FMP-SS-23-041	1378898.73	480456.33	.00	.50	CS-137	<	.40	
	FMP-SS-23-041	1378898.73	480456.33	.00	.50	RA-226	=	1.30	.40
	FMP-SS-23-041	1378898.73	480456.33	.00	.50	RU-106	<	7.20	
	FMP-SS-23-041	1378898.73	480456.33	.00	.50	TH-232	<	1.70	
	FMP-SS-23-041	1378898.73	480456.33	.00	.50	U-238	=	5.90	3.40
	FMP-SS-23-041D	1378898.73	480456.33	.00	.50	CS-137	=	.40	.30
	FMP-SS-23-041D	1378898.73	480456.33	.00	.50	RA-226	=	1.40	.30
	FMP-SS-23-041D	1378898.73	480456.33	.00	.50	RU-106	<	5.30	
	FMP-SS-23-041D	1378898.73	480456.33	.00	.50	TH-232	=	1.20	.50

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-041D	1378898.73	480456.33	.00	.50	U-238	=	6.00	2.40
	FMP-SS-23-041QC	1378898.73	480456.33	.00	.50	CS-137	<	.70	
	FMP-SS-23-041QC	1378898.73	480456.33	.00	.50	RA-226	=	1.10	.30
	FMP-SS-23-041QC	1378898.73	480456.33	.00	.50	RU-106	<	2.50	
	FMP-SS-23-041QC	1378898.73	480456.33	.00	.50	TH-232	=	.80	.30
	FMP-SS-23-041QC	1378898.73	480456.33	.00	.50	U-238	=	6.60	4.00
	FMP-SS-23-042	1378877.33	480441.91	.00	.50	CS-137	<	.80	
	FMP-SS-23-042	1378877.33	480441.91	.00	.50	RA-226	=	1.00	.30
	FMP-SS-23-042	1378877.33	480441.91	.00	.50	RU-106	<	6.90	
	FMP-SS-23-042	1378877.33	480441.91	.00	.50	TH-232	=	1.00	.50
	FMP-SS-23-042	1378877.33	480441.91	.00	.50	U-238	=	4.50	1.20
	FMP-SS-23-043	1378856.77	480458.48	.00	.50	CS-137	<	.50	
	FMP-SS-23-043	1378856.77	480458.48	.00	.50	RA-226	<	.80	
	FMP-SS-23-043	1378856.77	480458.48	.00	.50	RU-106	<	4.70	
	FMP-SS-23-043	1378856.77	480458.48	.00	.50	TH-232	<	2.90	
	FMP-SS-23-043	1378856.77	480458.48	.00	.50	U-238	<	6.40	
	FMP-SS-23-044	1378835.32	480442.06	.00	.50	CS-137	=	.40	.20
	FMP-SS-23-044	1378835.32	480442.06	.00	.50	RA-226	=	.70	.40
	FMP-SS-23-044	1378835.32	480442.06	.00	.50	RU-106	<	6.60	
	FMP-SS-23-044	1378835.32	480442.06	.00	.50	TH-232	=	1.10	.30
	FMP-SS-23-044	1378835.32	480442.06	.00	.50	U-238	=	5.50	1.30
	FMP-SS-23-045	1378815.76	480458.60	.00	.50	CS-137	=	.60	.30
	FMP-SS-23-045	1378815.76	480458.60	.00	.50	RA-226	=	1.70	.50
	FMP-SS-23-045	1378815.76	480458.60	.00	.50	RU-106	<	6.40	
	FMP-SS-23-045	1378815.76	480458.60	.00	.50	TH-232	=	1.30	.30
	FMP-SS-23-045	1378815.76	480458.60	.00	.50	U-238	=	4.80	3.00
	FMP-SS-23-046	1378796.30	480442.13	.00	.50	CS-137	<	.60	
	FMP-SS-23-046	1378796.30	480442.13	.00	.50	RA-226	=	3.90	.70
	FMP-SS-23-046	1378796.30	480442.13	.00	.50	RU-106	<	6.10	
	FMP-SS-23-046	1378796.30	480442.13	.00	.50	TH-232	<	3.70	
	FMP-SS-23-046	1378796.30	480442.13	.00	.50	U-238	<	16.70	
	FMP-SS-23-047	1378776.78	480459.67	.00	.50	CS-137	<	.30	
	FMP-SS-23-047	1378776.78	480459.67	.00	.50	RA-226	=	.80	.40
	FMP-SS-23-047	1378776.78	480459.67	.00	.50	RU-106	<	8.20	
	FMP-SS-23-047	1378776.78	480459.67	.00	.50	TH-232	=	1.00	.70
	FMP-SS-23-047	1378776.78	480459.67	.00	.50	U-238	=	5.20	1.30
	FMP-SS-23-048	1378757.37	480445.19	.00	.50	CS-137	=	.40	.30
	FMP-SS-23-048	1378757.37	480445.19	.00	.50	RA-226	=	.90	.30
	FMP-SS-23-048	1378757.37	480445.19	.00	.50	RU-106	<	.60	
	FMP-SS-23-048	1378757.37	480445.19	.00	.50	TH-232	<	2.00	
	FMP-SS-23-048	1378757.37	480445.19	.00	.50	U-238	<	12.70	
	FMP-SS-23-049	1378739.73	480458.68	.00	.50	CS-137	=	.60	.20
	FMP-SS-23-049	1378739.73	480458.68	.00	.50	RA-226	=	.80	.60

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-049	1378739.73	480458.68	.00	.50	RU-106	<	6.70	
	FMP-SS-23-049	1378739.73	480458.68	.00	.50	TH-232	<	.30	
	FMP-SS-23-049	1378739.73	480458.68	.00	.50	U-238	=	6.90	3.40
	FMP-SS-23-050	1378715.41	480447.34	.00	.50	CS-137	<	.40	
	FMP-SS-23-050	1378715.41	480447.34	.00	.50	RA-226	=	1.90	.50
	FMP-SS-23-050	1378715.41	480447.34	.00	.50	RU-106	<	7.80	
	FMP-SS-23-050	1378715.41	480447.34	.00	.50	TH-232	=	3.60	1.00
	FMP-SS-23-050	1378715.41	480447.34	.00	.50	U-238	<	9.00	
	FMP-SS-23-050QC	1378715.41	480447.34	.00	.50	CS-137	<	1.10	
	FMP-SS-23-050QC	1378715.41	480447.34	.00	.50	RA-226	=	2.40	.50
	FMP-SS-23-050QC	1378715.41	480447.34	.00	.50	RU-106	<	6.50	
	FMP-SS-23-050QC	1378715.41	480447.34	.00	.50	TH-232	=	1.70	1.20
	FMP-SS-23-050QC	1378715.41	480447.34	.00	.50	U-238	=	6.20	4.00
	FMP-SS-23-051	1378695.81	480461.88	.00	.50	CS-137	<	.40	
	FMP-SS-23-051	1378695.81	480461.88	.00	.50	RA-226	=	2.40	.40
	FMP-SS-23-051	1378695.81	480461.88	.00	.50	RU-106	<	.40	
	FMP-SS-23-051	1378695.81	480461.88	.00	.50	TH-232	<	.30	
	FMP-SS-23-051	1378695.81	480461.88	.00	.50	U-238	<	8.00	
	FMP-SS-23-052	1378674.43	480448.46	.00	.50	CS-137	<	.80	
	FMP-SS-23-052	1378674.43	480448.46	.00	.50	RA-226	=	.40	.20
	FMP-SS-23-052	1378674.43	480448.46	.00	.50	RU-106	<	.60	
	FMP-SS-23-052	1378674.43	480448.46	.00	.50	TH-232	<	2.10	
	FMP-SS-23-052	1378674.43	480448.46	.00	.50	U-238	<	10.10	
	FMP-SS-23-053	1378635.42	480448.53	.00	.50	CS-137	<	.70	
	FMP-SS-23-053	1378635.42	480448.53	.00	.50	RA-226	=	.60	.40
	FMP-SS-23-053	1378635.42	480448.53	.00	.50	RU-106	<	.80	
	FMP-SS-23-053	1378635.42	480448.53	.00	.50	TH-232	=	.90	.40
	FMP-SS-23-053	1378635.42	480448.53	.00	.50	U-238	=	4.50	2.80
	FMP-SS-23-053D	1378635.42	480448.53	.00	.50	CS-137	<	.50	
	FMP-SS-23-053D	1378635.42	480448.53	.00	.50	RA-226	<	.40	
	FMP-SS-23-053D	1378635.42	480448.53	.00	.50	RU-106	<	4.80	
	FMP-SS-23-053D	1378635.42	480448.53	.00	.50	TH-232	=	.90	.40
	FMP-SS-23-053D	1378635.42	480448.53	.00	.50	U-238	=	4.10	3.50
	FMP-SS-23-054	1378717.55	480525.31	.00	.50	CS-137	<	.90	
	FMP-SS-23-054	1378717.55	480525.31	.00	.50	RA-226	=	.70	.30
	FMP-SS-23-054	1378717.55	480525.31	.00	.50	RU-106	<	5.60	
	FMP-SS-23-054	1378717.55	480525.31	.00	.50	TH-232	<	.30	
	FMP-SS-23-054	1378717.55	480525.31	.00	.50	U-238	<	6.80	
	FMP-SS-23-055	1378714.81	480425.35	.00	.50	CS-137	<	.60	
	FMP-SS-23-055	1378714.81	480425.35	.00	.50	RA-226	=	1.00	.30
	FMP-SS-23-055	1378714.81	480425.35	.00	.50	RU-106	<	5.40	
	FMP-SS-23-055	1378714.81	480425.35	.00	.50	TH-232	=	1.10	.30
	FMP-SS-23-055	1378714.81	480425.35	.00	.50	U-238	<	6.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-056	1378712.08	480325.39	.00	.50	CS-137	<	.30	
	FMP-SS-23-056	1378712.08	480325.39	.00	.50	RA-226	=	1.10	.30
	FMP-SS-23-056	1378712.08	480325.39	.00	.50	RU-106	<	7.90	
	FMP-SS-23-056	1378712.08	480325.39	.00	.50	TH-232	=	.50	.30
	FMP-SS-23-056	1378712.08	480325.39	.00	.50	U-238	<	10.20	
	FMP-SS-23-056D	1378712.08	480325.39	.00	.50	CS-137	<	.30	
	FMP-SS-23-056D	1378712.08	480325.39	.00	.50	RA-226	=	1.10	.30
	FMP-SS-23-056D	1378712.08	480325.39	.00	.50	RU-106	<	.50	
	FMP-SS-23-056D	1378712.08	480325.39	.00	.50	TH-232	<	.30	
	FMP-SS-23-056D	1378712.08	480325.39	.00	.50	U-238	<	3.40	
	FMP-SS-23-057	1378709.34	480225.42	.00	.50	CS-137	<	.10	
	FMP-SS-23-057	1378709.34	480225.42	.00	.50	RA-226	=	.50	.30
	FMP-SS-23-057	1378709.34	480225.42	.00	.50	RU-106	<	6.90	
	FMP-SS-23-057	1378709.34	480225.42	.00	.50	TH-232	=	.80	.40
	FMP-SS-23-057	1378709.34	480225.42	.00	.50	U-238	<	5.10	
	FMP-SS-23-058	1378817.51	480522.58	.00	.50	CS-137	<	.60	
	FMP-SS-23-058	1378817.51	480522.58	.00	.50	RA-226	=	.80	.20
	FMP-SS-23-058	1378817.51	480522.58	.00	.50	RU-106	<	2.20	
	FMP-SS-23-058	1378817.51	480522.58	.00	.50	TH-232	=	.80	.50
	FMP-SS-23-058	1378817.51	480522.58	.00	.50	U-238	=	4.10	2.30
	FMP-SS-23-059	1378814.78	480422.61	.00	.50	CS-137	<	.90	
	FMP-SS-23-059	1378814.78	480422.61	.00	.50	RA-226	<	1.10	
	FMP-SS-23-059	1378814.78	480422.61	.00	.50	RU-106	<	.50	
	FMP-SS-23-059	1378814.78	480422.61	.00	.50	TH-232	=	.70	.30
	FMP-SS-23-059	1378814.78	480422.61	.00	.50	U-238	=	3.90	2.40
	FMP-SS-23-060	1378812.04	480322.65	.00	.50	CS-137	<	.40	
	FMP-SS-23-060	1378812.04	480322.65	.00	.50	RA-226	=	.60	.30
	FMP-SS-23-060	1378812.04	480322.65	.00	.50	RU-106	<	7.30	
	FMP-SS-23-060	1378812.04	480322.65	.00	.50	TH-232	=	1.10	.30
	FMP-SS-23-060	1378812.04	480322.65	.00	.50	U-238	=	3.70	2.50
	FMP-SS-23-061	1378809.30	480222.69	.00	.50	CS-137	<	1.10	
	FMP-SS-23-061	1378809.30	480222.69	.00	.50	RA-226	=	.60	.30
	FMP-SS-23-061	1378809.30	480222.69	.00	.50	RU-106	<	4.90	
	FMP-SS-23-061	1378809.30	480222.69	.00	.50	TH-232	<	3.40	
	FMP-SS-23-061	1378809.30	480222.69	.00	.50	U-238	<	8.60	
	FMP-SS-23-062	1378917.47	480519.84	.00	.50	CS-137	<	.30	
	FMP-SS-23-062	1378917.47	480519.84	.00	.50	RA-226	=	1.00	.30
	FMP-SS-23-062	1378917.47	480519.84	.00	.50	RU-106	<	.50	
	FMP-SS-23-062	1378917.47	480519.84	.00	.50	TH-232	=	.70	.30
	FMP-SS-23-062	1378917.47	480519.84	.00	.50	U-238	<	14.60	
	FMP-SS-23-063	1378914.74	480419.88	.00	.50	CS-137	=	.40	.10
	FMP-SS-23-063	1378914.74	480419.88	.00	.50	RA-226	=	.80	.20
	FMP-SS-23-063	1378914.74	480419.88	.00	.50	RU-106	<	.50	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-063	1378914.74	480419.88	.00	.50	TH-232	<	2.70	
	FMP-SS-23-063	1378914.74	480419.88	.00	.50	U-238	=	4.40	2.20
	FMP-SS-23-064	1378912.00	480319.91	.00	.50	CS-137	<	.20	
	FMP-SS-23-064	1378912.00	480319.91	.00	.50	RA-226	=	.80	.40
	FMP-SS-23-064	1378912.00	480319.91	.00	.50	RU-106	<	5.20	
	FMP-SS-23-064	1378912.00	480319.91	.00	.50	TH-232	<	2.60	
	FMP-SS-23-064	1378912.00	480319.91	.00	.50	U-238	<	11.50	
	FMP-SS-23-065	1378909.27	480219.95	.00	.50	CS-137	<	.10	
	FMP-SS-23-065	1378909.27	480219.95	.00	.50	RA-226	=	.80	.30
	FMP-SS-23-065	1378909.27	480219.95	.00	.50	RU-106	<	5.60	
	FMP-SS-23-065	1378909.27	480219.95	.00	.50	TH-232	=	1.00	.30
	FMP-SS-23-065	1378909.27	480219.95	.00	.50	U-238	<	6.80	
	FMP-SS-23-066	1379017.44	480517.10	.00	.50	CS-137	<	.60	
	FMP-SS-23-066	1379017.44	480517.10	.00	.50	RA-226	=	.60	.30
	FMP-SS-23-066	1379017.44	480517.10	.00	.50	RU-106	<	9.20	
	FMP-SS-23-066	1379017.44	480517.10	.00	.50	TH-232	=	.60	.20
	FMP-SS-23-066	1379017.44	480517.10	.00	.50	U-238	=	4.40	.30
	FMP-SS-23-066D	1379017.44	480517.10	.00	.50	CS-137	=	.40	.20
	FMP-SS-23-066D	1379017.44	480517.10	.00	.50	RA-226	=	.90	.30
	FMP-SS-23-066D	1379017.44	480517.10	.00	.50	RU-106	<	9.20	
	FMP-SS-23-066D	1379017.44	480517.10	.00	.50	TH-232	=	1.10	.30
	FMP-SS-23-066D	1379017.44	480517.10	.00	.50	U-238	=	3.80	2.70
	FMP-SS-23-067	1379014.70	480417.14	.00	.50	CS-137	<	.90	
	FMP-SS-23-067	1379014.70	480417.14	.00	.50	RA-226	=	.70	.30
	FMP-SS-23-067	1379014.70	480417.14	.00	.50	RU-106	<	5.70	
	FMP-SS-23-067	1379014.70	480417.14	.00	.50	TH-232	=	.50	.30
	FMP-SS-23-067	1379014.70	480417.14	.00	.50	U-238	<	13.30	
	FMP-SS-23-068	1379011.96	480317.18	.00	.50	CS-137	<	.50	
	FMP-SS-23-068	1379011.96	480317.18	.00	.50	RA-226	=	1.00	.30
	FMP-SS-23-068	1379011.96	480317.18	.00	.50	RU-106	<	.50	
	FMP-SS-23-068	1379011.96	480317.18	.00	.50	TH-232	=	.80	.30
	FMP-SS-23-068	1379011.96	480317.18	.00	.50	U-238	<	6.20	
	FMP-SS-23-069	1379009.23	480217.22	.00	.50	CS-137	<	1.00	
	FMP-SS-23-069	1379009.23	480217.22	.00	.50	RA-226	=	.90	.30
	FMP-SS-23-069	1379009.23	480217.22	.00	.50	RU-106	<	5.30	
	FMP-SS-23-069	1379009.23	480217.22	.00	.50	TH-232	<	3.60	
	FMP-SS-23-069	1379009.23	480217.22	.00	.50	U-238	=	5.30	2.90
	FMP-SS-23-070	1379006.49	480117.25	.00	.50	CS-137	<	.70	
	FMP-SS-23-070	1379006.49	480117.25	.00	.50	RA-226	=	.90	.30
	FMP-SS-23-070	1379006.49	480117.25	.00	.50	RU-106	<	.50	
	FMP-SS-23-070	1379006.49	480117.25	.00	.50	TH-232	=	1.00	.30
	FMP-SS-23-070	1379006.49	480117.25	.00	.50	U-238	<	14.60	
	FMP-SS-23-071	1379120.14	480614.33	.00	.50	CS-137	<	.60	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-071	1379120.14	480614.33	.00	.50	RA-226	<	.90	
	FMP-SS-23-071	1379120.14	480614.33	.00	.50	RU-106	<	.70	
	FMP-SS-23-071	1379120.14	480614.33	.00	.50	TH-232	=	1.10	.50
	FMP-SS-23-071	1379120.14	480614.33	.00	.50	U-238	<	9.50	
	FMP-SS-23-072	1379117.40	480514.37	.00	.50	CS-137	<	.10	
	FMP-SS-23-072	1379117.40	480514.37	.00	.50	RA-226	=	.90	.30
	FMP-SS-23-072	1379117.40	480514.37	.00	.50	RU-106	<	7.40	
	FMP-SS-23-072	1379117.40	480514.37	.00	.50	TH-232	=	.70	.20
	FMP-SS-23-072	1379117.40	480514.37	.00	.50	U-238	=	4.10	2.00
	FMP-SS-23-073	1379114.66	480414.40	.00	.50	CS-137	<	.30	
	FMP-SS-23-073	1379114.66	480414.40	.00	.50	RA-226	=	.90	.30
	FMP-SS-23-073	1379114.66	480414.40	.00	.50	RU-106	<	7.90	
	FMP-SS-23-073	1379114.66	480414.40	.00	.50	TH-232	=	.80	.30
	FMP-SS-23-073	1379114.66	480414.40	.00	.50	U-238	<	11.60	
	FMP-SS-23-074	1379111.93	480314.44	.00	.50	CS-137	<	.20	
	FMP-SS-23-074	1379111.93	480314.44	.00	.50	RA-226	=	1.60	.40
	FMP-SS-23-074	1379111.93	480314.44	.00	.50	RU-106	<	1.80	
	FMP-SS-23-074	1379111.93	480314.44	.00	.50	TH-232	=	1.00	.50
	FMP-SS-23-074	1379111.93	480314.44	.00	.50	U-238	=	4.00	3.20
	FMP-SS-23-075	1379109.19	480214.48	.00	.50	CS-137	<	.20	
	FMP-SS-23-075	1379109.19	480214.48	.00	.50	RA-226	=	.80	.20
	FMP-SS-23-075	1379109.19	480214.48	.00	.50	RU-106	<	3.20	
	FMP-SS-23-075	1379109.19	480214.48	.00	.50	TH-232	<	.30	
	FMP-SS-23-075	1379109.19	480214.48	.00	.50	U-238	=	4.20	2.70
	FMP-SS-23-076	1379106.46	480114.52	.00	.50	CS-137	<	.70	
	FMP-SS-23-076	1379106.46	480114.52	.00	.50	RA-226	=	1.10	.30
	FMP-SS-23-076	1379106.46	480114.52	.00	.50	RU-106	<	.50	
	FMP-SS-23-076	1379106.46	480114.52	.00	.50	TH-232	=	1.10	.30
	FMP-SS-23-076	1379106.46	480114.52	.00	.50	U-238	<	4.80	
	FMP-SS-23-076D	1379106.46	480114.52	.00	.50	CS-137	<	.20	
	FMP-SS-23-076D	1379106.46	480114.52	.00	.50	RA-226	<	.60	
	FMP-SS-23-076D	1379106.46	480114.52	.00	.50	RU-106	<	3.70	
	FMP-SS-23-076D	1379106.46	480114.52	.00	.50	TH-232	<	.30	
	FMP-SS-23-076D	1379106.46	480114.52	.00	.50	U-238	<	10.80	
	FMP-SS-23-077	1379220.10	480611.59	.00	.50	CS-137	=	.30	.20
	FMP-SS-23-077	1379220.10	480611.59	.00	.50	RA-226	<	.70	
	FMP-SS-23-077	1379220.10	480611.59	.00	.50	RU-106	<	6.20	
	FMP-SS-23-077	1379220.10	480611.59	.00	.50	TH-232	<	1.90	
	FMP-SS-23-077	1379220.10	480611.59	.00	.50	U-238	=	4.40	3.80
	FMP-SS-23-078	1379217.36	480511.63	.00	.50	CS-137	<	.10	
	FMP-SS-23-078	1379217.36	480511.63	.00	.50	RA-226	=	.60	.30
	FMP-SS-23-078	1379217.36	480511.63	.00	.50	RU-106	<	4.60	
	FMP-SS-23-078	1379217.36	480511.63	.00	.50	TH-232	=	1.00	.30

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-078	1379217.36	480511.63	.00	.50	U-238	<	9.50	
	FMP-SS-23-079	1379214.63	480411.67	.00	.50	CS-137	<	.20	
	FMP-SS-23-079	1379214.63	480411.67	.00	.50	RA-226	=	.50	.30
	FMP-SS-23-079	1379214.63	480411.67	.00	.50	RU-106	<	.50	
	FMP-SS-23-079	1379214.63	480411.67	.00	.50	TH-232	=	.70	.30
	FMP-SS-23-079	1379214.63	480411.67	.00	.50	U-238	<	6.40	
	FMP-SS-23-080	1379211.89	480311.71	.00	.50	CS-137	<	.50	
	FMP-SS-23-080	1379211.89	480311.71	.00	.50	RA-226	=	1.90	.30
	FMP-SS-23-080	1379211.89	480311.71	.00	.50	RU-106	<	5.50	
	FMP-SS-23-080	1379211.89	480311.71	.00	.50	TH-232	=	1.00	.60
	FMP-SS-23-080	1379211.89	480311.71	.00	.50	U-238	<	10.80	
	FMP-SS-23-081	1379209.15	480211.74	.00	.50	CS-137	=	.40	.20
	FMP-SS-23-081	1379209.15	480211.74	.00	.50	RA-226	=	.80	.20
	FMP-SS-23-081	1379209.15	480211.74	.00	.50	RU-106	<	2.00	
	FMP-SS-23-081	1379209.15	480211.74	.00	.50	TH-232	=	1.00	.30
	FMP-SS-23-081	1379209.15	480211.74	.00	.50	U-238	=	3.60	1.80
	FMP-SS-23-082Q	1379209.15	480211.74	.00	.50	CS-137	<	.60	
	FMP-SS-23-082Q	1379209.15	480211.74	.00	.50	RA-226	=	.80	.20
	FMP-SS-23-082Q	1379209.15	480211.74	.00	.50	RU-106	<	4.40	
	FMP-SS-23-082Q	1379209.15	480211.74	.00	.50	TH-232	=	1.00	.20
	FMP-SS-23-082Q	1379209.15	480211.74	.00	.50	U-238	=	3.10	1.20
	FMP-SS-23-083	1379206.42	480111.78	.00	.50	CS-137	=	.30	.10
	FMP-SS-23-083	1379206.42	480111.78	.00	.50	RA-226	=	.50	.30
	FMP-SS-23-083	1379206.42	480111.78	.00	.50	RU-106	<	.50	
	FMP-SS-23-083	1379206.42	480111.78	.00	.50	TH-232	=	.70	.50
	FMP-SS-23-083	1379206.42	480111.78	.00	.50	U-238	=	6.40	2.40
	FMP-SS-23-084	1379320.06	480608.86	.00	.50	CS-137	<	.40	
	FMP-SS-23-084	1379320.06	480608.86	.00	.50	RA-226	<	.60	
	FMP-SS-23-084	1379320.06	480608.86	.00	.50	RU-106	<	1.60	
	FMP-SS-23-084	1379320.06	480608.86	.00	.50	TH-232	=	.90	.30
	FMP-SS-23-084	1379320.06	480608.86	.00	.50	U-238	<	5.40	
	FMP-SS-23-085	1379317.32	480508.90	.00	.50	CS-137	<	.40	
	FMP-SS-23-085	1379317.32	480508.90	.00	.50	RA-226	<	1.40	
	FMP-SS-23-085	1379317.32	480508.90	.00	.50	RU-106	<	6.10	
	FMP-SS-23-085	1379317.32	480508.90	.00	.50	TH-232	=	.70	.30
	FMP-SS-23-085	1379317.32	480508.90	.00	.50	U-238	=	6.30	1.80
	FMP-SS-23-086	1379314.59	480408.93	.00	.50	CS-137	<	.70	
	FMP-SS-23-086	1379314.59	480408.93	.00	.50	RA-226	=	.80	.20
	FMP-SS-23-086	1379314.59	480408.93	.00	.50	RU-106	<	.70	
	FMP-SS-23-086	1379314.59	480408.93	.00	.50	TH-232	=	.90	.30
	FMP-SS-23-086	1379314.59	480408.93	.00	.50	U-238	<	8.70	
	FMP-SS-23-086D	1379314.59	480408.93	.00	.50	CS-137	<	.30	
	FMP-SS-23-086D	1379314.59	480408.93	.00	.50	RA-226	=	.70	.30

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-086D	1379314.59	480408.93	.00	.50	RU-106	<	.50	
	FMP-SS-23-086D	1379314.59	480408.93	.00	.50	TH-232	=	.90	.30
	FMP-SS-23-086D	1379314.59	480408.93	.00	.50	U-238	<	7.70	
	FMP-SS-23-087Q	1379314.59	480408.93	.00	.50	CS-137	<	.10	
	FMP-SS-23-087Q	1379314.59	480408.93	.00	.50	RA-226	<	.60	
	FMP-SS-23-087Q	1379314.59	480408.93	.00	.50	RU-106	<	4.30	
	FMP-SS-23-087Q	1379314.59	480408.93	.00	.50	TH-232	=	1.00	.40
	FMP-SS-23-087Q	1379314.59	480408.93	.00	.50	U-238	<	10.20	
	FMP-SS-23-088	1379311.85	480308.97	.00	.50	CS-137	<	.30	
	FMP-SS-23-088	1379311.85	480308.97	.00	.50	RA-226	=	1.50	.30
	FMP-SS-23-088	1379311.85	480308.97	.00	.50	RU-106	<	2.20	
	FMP-SS-23-088	1379311.85	480308.97	.00	.50	TH-232	=	1.10	.30
	FMP-SS-23-088	1379311.85	480308.97	.00	.50	U-238	=	4.10	2.70
	FMP-SS-23-089	1379309.12	480209.01	.00	.50	CS-137	=	.40	.30
	FMP-SS-23-089	1379309.12	480209.01	.00	.50	RA-226	=	1.60	.40
	FMP-SS-23-089	1379309.12	480209.01	.00	.50	RU-106	<	5.20	
	FMP-SS-23-089	1379309.12	480209.01	.00	.50	TH-232	<	1.60	
	FMP-SS-23-089	1379309.12	480209.01	.00	.50	U-238	<	6.10	
	FMP-SS-23-090	1379306.38	480109.05	.00	.50	CS-137	<	1.00	
	FMP-SS-23-090	1379306.38	480109.05	.00	.50	RA-226	=	.50	.30
	FMP-SS-23-090	1379306.38	480109.05	.00	.50	RU-106	<	3.20	
	FMP-SS-23-090	1379306.38	480109.05	.00	.50	TH-232	=	.70	.30
	FMP-SS-23-090	1379306.38	480109.05	.00	.50	U-238	<	5.60	
	FMP-SS-23-091Q	1379306.38	480109.05	.00	.50	CS-137	<	.40	
	FMP-SS-23-091Q	1379306.38	480109.05	.00	.50	RA-226	=	.50	.30
	FMP-SS-23-091Q	1379306.38	480109.05	.00	.50	RU-106	<	.50	
	FMP-SS-23-091Q	1379306.38	480109.05	.00	.50	TH-232	=	.80	.30
	FMP-SS-23-091Q	1379306.38	480109.05	.00	.50	U-238	<	4.40	
	FMP-SS-23-092	1379420.02	480606.12	.00	.50	CS-137	<	.30	
	FMP-SS-23-092	1379420.02	480606.12	.00	.50	RA-226	=	.60	.30
	FMP-SS-23-092	1379420.02	480606.12	.00	.50	RU-106	<	.40	
	FMP-SS-23-092	1379420.02	480606.12	.00	.50	TH-232	<	1.60	
	FMP-SS-23-092	1379420.02	480606.12	.00	.50	U-238	<	7.50	
	FMP-SS-23-093Q	1379420.02	480606.12	.00	.50	CS-137	<	.30	
	FMP-SS-23-093Q	1379420.02	480606.12	.00	.50	RA-226	=	.90	.20
	FMP-SS-23-093Q	1379420.02	480606.12	.00	.50	RU-106	<	4.10	
	FMP-SS-23-093Q	1379420.02	480606.12	.00	.50	TH-232	=	.90	.30
	FMP-SS-23-093Q	1379420.02	480606.12	.00	.50	U-238	<	6.90	
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	CS-137	<	.50	
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	RA-226	=	5.10	.70
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	RU-106	<	3.10	
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	TH-232	=	1.80	.80
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	U-238	=	7.10	3.20

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-095Q	1379417.29	480506.16	.00	.50	CS-137	<	5.20	
	FMP-SS-23-095Q	1379417.29	480506.16	.00	.50	RA-226	=	5.30	.80
	FMP-SS-23-095Q	1379417.29	480506.16	.00	.50	RU-106	<	.60	
	FMP-SS-23-095Q	1379417.29	480506.16	.00	.50	TH-232	=	.90	.60
	FMP-SS-23-095Q	1379417.29	480506.16	.00	.50	U-238	=	9.00	6.00
	FMP-SS-23-096	1379414.55	480406.20	.00	.50	CS-137	<	.30	
	FMP-SS-23-096	1379414.55	480406.20	.00	.50	RA-226	<	.70	
	FMP-SS-23-096	1379414.55	480406.20	.00	.50	RU-106	<	.50	
	FMP-SS-23-096	1379414.55	480406.20	.00	.50	TH-232	=	.70	.50
	FMP-SS-23-096	1379414.55	480406.20	.00	.50	U-238	=	4.80	2.50
	FMP-SS-23-096D	1379414.55	480406.20	.00	.50	CS-137	=	.60	.20
	FMP-SS-23-096D	1379414.55	480406.20	.00	.50	RA-226	=	.80	.30
	FMP-SS-23-096D	1379414.55	480406.20	.00	.50	RU-106	<	3.60	
	FMP-SS-23-096D	1379414.55	480406.20	.00	.50	TH-232	=	.80	.40
	FMP-SS-23-096D	1379414.55	480406.20	.00	.50	U-238	=	4.90	3.40
	FMP-SS-23-097	1379411.82	480306.23	.00	.50	CS-137	<	.40	
	FMP-SS-23-097	1379411.82	480306.23	.00	.50	RA-226	=	.80	.30
	FMP-SS-23-097	1379411.82	480306.23	.00	.50	RU-106	<	3.40	
	FMP-SS-23-097	1379411.82	480306.23	.00	.50	TH-232	<	.90	
	FMP-SS-23-097	1379411.82	480306.23	.00	.50	U-238	=	5.40	2.50
	FMP-SS-23-098	1379409.08	480206.27	.00	.50	CS-137	<	.70	
	FMP-SS-23-098	1379409.08	480206.27	.00	.50	RA-226	=	.90	.30
	FMP-SS-23-098	1379409.08	480206.27	.00	.50	RU-106	<	3.20	
	FMP-SS-23-098	1379409.08	480206.27	.00	.50	TH-232	<	1.70	
	FMP-SS-23-098	1379409.08	480206.27	.00	.50	U-238	=	6.90	2.50
	FMP-SS-23-099	1379406.34	480106.31	.00	.50	CS-137	<	.40	
	FMP-SS-23-099	1379406.34	480106.31	.00	.50	RA-226	<	.60	
	FMP-SS-23-099	1379406.34	480106.31	.00	.50	RU-106	<	4.30	
	FMP-SS-23-099	1379406.34	480106.31	.00	.50	TH-232	=	.70	.50
	FMP-SS-23-099	1379406.34	480106.31	.00	.50	U-238	<	3.50	
	FMP-SS-23-100Q	1379406.34	480106.31	.00	.50	CS-137	<	.50	
	FMP-SS-23-100Q	1379406.34	480106.31	.00	.50	RA-226	<	.60	
	FMP-SS-23-100Q	1379406.34	480106.31	.00	.50	RU-106	<	3.70	
	FMP-SS-23-100Q	1379406.34	480106.31	.00	.50	TH-232	=	.80	.50
	FMP-SS-23-100Q	1379406.34	480106.31	.00	.50	U-238	=	7.60	2.30
	FMP-SS-23-101	1379417.08	480462.15	.00	.50	CS-137	<	1.10	
	FMP-SS-23-101	1379417.08	480462.15	.00	.50	RA-226	=	5.20	.70
	FMP-SS-23-101	1379417.08	480462.15	.00	.50	RU-106	<	7.10	
	FMP-SS-23-101	1379417.08	480462.15	.00	.50	TH-232	<	1.60	
	FMP-SS-23-101	1379417.08	480462.15	.00	.50	U-238	<	12.10	
	FMP-SS-23-102	1379417.63	480482.14	.00	.50	CS-137	<	.80	
	FMP-SS-23-102	1379417.63	480482.14	.00	.50	RA-226	=	12.50	1.00
	FMP-SS-23-102	1379417.63	480482.14	.00	.50	RU-106	<	5.20	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-102	1379417.63	480482.14	.00	.50	TH-232	=	2.90	1.00
	FMP-SS-23-102	1379417.63	480482.14	.00	.50	U-238	<	9.80	
	FMP-SS-23-103	1379418.18	480502.13	.00	.50	CS-137	<	.80	
	FMP-SS-23-103	1379418.18	480502.13	.00	.50	RA-226	=	8.30	.80
	FMP-SS-23-103	1379418.18	480502.13	.00	.50	RU-106	<	10.80	
	FMP-SS-23-103	1379418.18	480502.13	.00	.50	TH-232	<	1.30	
	FMP-SS-23-103	1379418.18	480502.13	.00	.50	U-238	<	7.50	
	FMP-SS-23-104	1379317.12	480464.88	.00	.50	CS-137	<	.50	
	FMP-SS-23-104	1379317.12	480464.88	.00	.50	RA-226	=	7.00	.70
	FMP-SS-23-104	1379317.12	480464.88	.00	.50	RU-106	<	10.00	
	FMP-SS-23-104	1379317.12	480464.88	.00	.50	TH-232	<	1.40	
	FMP-SS-23-104	1379317.12	480464.88	.00	.50	U-238	<	9.60	
	FMP-SS-23-105	1379330.68	480448.51	.00	.50	CS-137	<	1.50	
	FMP-SS-23-105	1379330.68	480448.51	.00	.50	RA-226	=	5.60	.60
	FMP-SS-23-105	1379330.68	480448.51	.00	.50	RU-106	<	7.60	
	FMP-SS-23-105	1379330.68	480448.51	.00	.50	TH-232	=	6.60	.80
	FMP-SS-23-105	1379330.68	480448.51	.00	.50	U-238	<	12.20	
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	CS-137	=	.70	.30
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	RA-226	=	9.80	.80
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	RU-106	<	10.50	
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	TH-232	=	2.60	.40
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	U-238	=	7.50	2.80
	FMP-SS-23-107	1379298.74	480451.38	.00	.50	CS-137	<	.40	
	FMP-SS-23-107	1379298.74	480451.38	.00	.50	RA-226	=	9.60	.80
	FMP-SS-23-107	1379298.74	480451.38	.00	.50	RU-106	<	9.80	
	FMP-SS-23-107	1379298.74	480451.38	.00	.50	TH-232	=	2.40	1.00
	FMP-SS-23-107	1379298.74	480451.38	.00	.50	U-238	<	14.20	
	FMP-SS-23-108	1379286.67	480448.71	.00	.50	CS-137	<	.90	
	FMP-SS-23-108	1379286.67	480448.71	.00	.50	RA-226	=	2.00	.40
	FMP-SS-23-108	1379286.67	480448.71	.00	.50	RU-106	<	8.60	
	FMP-SS-23-108	1379286.67	480448.71	.00	.50	TH-232	=	1.30	.40
	FMP-SS-23-108	1379286.67	480448.71	.00	.50	U-238	<	14.80	
	FMP-SS-23-109	1379156.95	480424.25	.00	.50	CS-137	<	.90	
	FMP-SS-23-109	1379156.95	480424.25	.00	.50	RA-226	=	5.90	.70
	FMP-SS-23-109	1379156.95	480424.25	.00	.50	RU-106	<	9.40	
	FMP-SS-23-109	1379156.95	480424.25	.00	.50	TH-232	=	1.80	1.00
	FMP-SS-23-109	1379156.95	480424.25	.00	.50	U-238	<	13.60	
	FMP-SS-23-110	1379098.74	480453.86	.00	.50	CS-137	=	.50	.20
	FMP-SS-23-110	1379098.74	480453.86	.00	.50	RA-226	=	3.10	.50
	FMP-SS-23-110	1379098.74	480453.86	.00	.50	RU-106	<	3.20	
	FMP-SS-23-110	1379098.74	480453.86	.00	.50	TH-232	<	3.50	
	FMP-SS-23-110	1379098.74	480453.86	.00	.50	U-238	=	6.20	3.20
	FMP-SS-23-110D	1379098.74	480453.86	.00	.50	CS-137	<	.40	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-110D	1379098.74	480453.86	.00	.50	RA-226	=	3.00	.40
	FMP-SS-23-110D	1379098.74	480453.86	.00	.50	RU-106	<	7.10	
	FMP-SS-23-110D	1379098.74	480453.86	.00	.50	TH-232	<	2.60	
	FMP-SS-23-110D	1379098.74	480453.86	.00	.50	U-238	<	16.70	
	FMP-SS-23-111	1379087.97	480426.14	.00	.50	CS-137	<	1.00	
	FMP-SS-23-111	1379087.97	480426.14	.00	.50	RA-226	=	1.60	.30
	FMP-SS-23-111	1379087.97	480426.14	.00	.50	RU-106	<	4.60	
	FMP-SS-23-111	1379087.97	480426.14	.00	.50	TH-232	<	1.20	
	FMP-SS-23-111	1379087.97	480426.14	.00	.50	U-238	<	12.80	
	FMP-SS-23-138	1379098.74	480453.86	.00	.50	CS-137	<	.50	
	FMP-SS-23-138	1379098.74	480453.86	.00	.50	RA-226	=	1.30	.50
	FMP-SS-23-138	1379098.74	480453.86	.00	.50	RU-106	<	.50	
	FMP-SS-23-138	1379098.74	480453.86	.00	.50	TH-232	=	.80	.40
	FMP-SS-23-138	1379098.74	480453.86	.00	.50	U-238	=	4.00	2.80
	FMP-SS-23-139	1379117.57	480447.34	.00	.50	CS-137	<	1.10	
	FMP-SS-23-139	1379117.57	480447.34	.00	.50	RA-226	=	6.30	.90
	FMP-SS-23-139	1379117.57	480447.34	.00	.50	RU-106	<	7.10	
	FMP-SS-23-139	1379117.57	480447.34	.00	.50	TH-232	=	2.70	.80
	FMP-SS-23-139	1379117.57	480447.34	.00	.50	U-238	<	21.00	
	FMP-SS-23-140	1379157.25	480435.25	.00	.50	CS-137	<	1.40	
	FMP-SS-23-140	1379157.25	480435.25	.00	.50	RA-226	=	3.70	.70
	FMP-SS-23-140	1379157.25	480435.25	.00	.50	RU-106	<	8.00	
	FMP-SS-23-140	1379157.25	480435.25	.00	.50	TH-232	=	1.30	.50
	FMP-SS-23-140	1379157.25	480435.25	.00	.50	U-238	<	21.20	
	FMP-SS-23-141	1379299.10	480464.38	.00	.50	CS-137	<	.30	
	FMP-SS-23-141	1379299.10	480464.38	.00	.50	RA-226	=	2.20	.40
	FMP-SS-23-141	1379299.10	480464.38	.00	.50	RU-106	<	.50	
	FMP-SS-23-141	1379299.10	480464.38	.00	.50	TH-232	=	1.20	.60
	FMP-SS-23-141	1379299.10	480464.38	.00	.50	U-238	=	4.30	3.20
	FMP-SS-23-143	1379309.78	480416.07	.00	.50	CS-137	<	.50	
	FMP-SS-23-143	1379309.78	480416.07	.00	.50	RA-226	=	1.10	.40
	FMP-SS-23-143	1379309.78	480416.07	.00	.50	RU-106	<	4.70	
	FMP-SS-23-143	1379309.78	480416.07	.00	.50	TH-232	<	.40	
	FMP-SS-23-143	1379309.78	480416.07	.00	.50	U-238	<	6.40	
	FMP-SS-23-144	1379313.56	480480.99	.00	.50	CS-137	<	.80	
	FMP-SS-23-144	1379313.56	480480.99	.00	.50	RA-226	=	2.50	.50
	FMP-SS-23-144	1379313.56	480480.99	.00	.50	RU-106	<	5.30	
	FMP-SS-23-144	1379313.56	480480.99	.00	.50	TH-232	=	1.00	.70
	FMP-SS-23-144	1379313.56	480480.99	.00	.50	U-238	=	4.40	2.60
	FMP-SS-23-144D	1379313.56	480480.99	.00	.50	CS-137	<	.50	
	FMP-SS-23-144D	1379313.56	480480.99	.00	.50	RA-226	=	2.50	.40
	FMP-SS-23-144D	1379313.56	480480.99	.00	.50	RU-106	<	5.30	
	FMP-SS-23-144D	1379313.56	480480.99	.00	.50	TH-232	=	1.10	.40

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-144D	1379313.56	480480.99	.00	.50	U-238	<	12.00	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	CS-137	<	.70	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	RA-226	=	8.80	.90
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	RU-106	<	5.40	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	TH-232	=	1.80	.70
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	U-238	<	18.20	
	FMP-SS-23-146	1379338.18	480503.32	.00	.50	CS-137	=	.40	.20
	FMP-SS-23-146	1379338.18	480503.32	.00	.50	RA-226	=	3.40	.60
	FMP-SS-23-146	1379338.18	480503.32	.00	.50	RU-106	<	4.60	
	FMP-SS-23-146	1379338.18	480503.32	.00	.50	TH-232	=	1.20	.40
	FMP-SS-23-146	1379338.18	480503.32	.00	.50	U-238	<	4.30	
	FMP-SS-23-147	1379344.70	480449.12	.00	.50	CS-137	=	.50	.30
	FMP-SS-23-147	1379344.70	480449.12	.00	.50	RA-226	=	2.80	.50
	FMP-SS-23-147	1379344.70	480449.12	.00	.50	RU-106	<	7.20	
	FMP-SS-23-147	1379344.70	480449.12	.00	.50	TH-232	=	3.70	.60
	FMP-SS-23-147	1379344.70	480449.12	.00	.50	U-238	=	4.90	3.50
	FMP-SS-23-148	1379377.91	480456.22	.00	.50	CS-137	<	1.00	
	FMP-SS-23-148	1379377.91	480456.22	.00	.50	RA-226	=	2.40	.50
	FMP-SS-23-148	1379377.91	480456.22	.00	.50	RU-106	<	5.30	
	FMP-SS-23-148	1379377.91	480456.22	.00	.50	TH-232	=	1.00	.70
	FMP-SS-23-148	1379377.91	480456.22	.00	.50	U-238	=	3.30	3.20
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	CS-137	<	4.70	
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	RA-226	=	220.00	3.50
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	RU-106	<	37.10	
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	TH-232	=	25.80	4.40
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	U-238	<	120.00	
	FMP-SS-23-152	1379396.60	480444.70	.00	.50	CS-137	=	.70	.30
	FMP-SS-23-152	1379396.60	480444.70	.00	.50	RA-226	=	4.40	.60
	FMP-SS-23-152	1379396.60	480444.70	.00	.50	RU-106	<	3.20	
	FMP-SS-23-152	1379396.60	480444.70	.00	.50	TH-232	=	1.90	.70
	FMP-SS-23-152	1379396.60	480444.70	.00	.50	U-238	<	19.50	
	FMP-SS-23-153	1379397.20	480466.69	.00	.50	CS-137	<	2.50	
	FMP-SS-23-153	1379397.20	480466.69	.00	.50	RA-226	=	51.20	3.50
	FMP-SS-23-153	1379397.20	480466.69	.00	.50	RU-106	<	10.70	
	FMP-SS-23-153	1379397.20	480466.69	.00	.50	TH-232	=	4.70	2.40
	FMP-SS-23-153	1379397.20	480466.69	.00	.50	U-238	<	32.70	
	FMP-SS-23-154	1379425.45	480511.94	.00	.50	CS-137	<	.30	
	FMP-SS-23-154	1379425.45	480511.94	.00	.50	RA-226	=	1.50	.40
	FMP-SS-23-154	1379425.45	480511.94	.00	.50	RU-106	<	4.90	
	FMP-SS-23-154	1379425.45	480511.94	.00	.50	TH-232	=	.70	.60
	FMP-SS-23-154	1379425.45	480511.94	.00	.50	U-238	=	5.00	2.70
	FMP-SS-23-154D	1379425.45	480511.94	.00	.50	CS-137	<	.40	
	FMP-SS-23-154D	1379425.45	480511.94	.00	.50	RA-226	=	1.80	.60

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-154D	1379425.45	480511.94	.00	.50	RU-106	<	3.70	
	FMP-SS-23-154D	1379425.45	480511.94	.00	.50	TH-232	<	1.00	
	FMP-SS-23-154D	1379425.45	480511.94	.00	.50	U-238	=	2.40	1.20
	FMP-SS-23-155	1379237.27	480435.06	.00	.50	CS-137	<	.10	
	FMP-SS-23-155	1379237.27	480435.06	.00	.50	RA-226	=	1.60	.40
	FMP-SS-23-155	1379237.27	480435.06	.00	.50	RU-106	<	1.30	
	FMP-SS-23-155	1379237.27	480435.06	.00	.50	TH-232	=	.60	.50
	FMP-SS-23-155	1379237.27	480435.06	.00	.50	U-238	=	4.30	3.00
	FMP-SS-23-156	1379234.69	480450.13	.00	.50	CS-137	<	1.20	
	FMP-SS-23-156	1379234.69	480450.13	.00	.50	RA-226	=	2.60	.50
	FMP-SS-23-156	1379234.69	480450.13	.00	.50	RU-106	<	5.10	
	FMP-SS-23-156	1379234.69	480450.13	.00	.50	TH-232	=	2.70	.60
	FMP-SS-23-156	1379234.69	480450.13	.00	.50	U-238	=	5.90	4.00
	FMP-SS-23-157	1379213.05	480463.73	.00	.50	CS-137	=	.50	.20
	FMP-SS-23-157	1379213.05	480463.73	.00	.50	RA-226	=	.90	.30
	FMP-SS-23-157	1379213.05	480463.73	.00	.50	RU-106	<	.50	
	FMP-SS-23-157	1379213.05	480463.73	.00	.50	TH-232	<	.30	
	FMP-SS-23-157	1379213.05	480463.73	.00	.50	U-238	=	3.80	3.50
	FMP-SS-23-158	1379200.84	480456.06	.00	.50	CS-137	<	.90	
	FMP-SS-23-158	1379200.84	480456.06	.00	.50	RA-226	=	19.20	1.30
	FMP-SS-23-158	1379200.84	480456.06	.00	.50	RU-106	<	3.40	
	FMP-SS-23-158	1379200.84	480456.06	.00	.50	TH-232	=	3.60	1.30
	FMP-SS-23-158	1379200.84	480456.06	.00	.50	U-238	<	11.80	
	FMP-SS-23-160	1379198.29	480436.12	.00	.50	CS-137	<	.50	
	FMP-SS-23-160	1379198.29	480436.12	.00	.50	RA-226	=	2.80	.40
	FMP-SS-23-160	1379198.29	480436.12	.00	.50	RU-106	<	2.00	
	FMP-SS-23-160	1379198.29	480436.12	.00	.50	TH-232	<	2.00	
	FMP-SS-23-160	1379198.29	480436.12	.00	.50	U-238	<	9.90	
	FMP-SS-23-161	1379181.76	480453.58	.00	.50	CS-137	=	.30	.20
	FMP-SS-23-161	1379181.76	480453.58	.00	.50	RA-226	=	2.10	.40
	FMP-SS-23-161	1379181.76	480453.58	.00	.50	RU-106	<	3.20	
	FMP-SS-23-161	1379181.76	480453.58	.00	.50	TH-232	=	.90	.60
	FMP-SS-23-161	1379181.76	480453.58	.00	.50	U-238	=	5.20	3.00
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	CS-137	<	.90	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	RA-226	=	88.90	7.50
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	RU-106	<	14.50	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	TH-232	<	3.10	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	U-238	<	41.00	
	FMP-SS-23-162D	1379108.79	480455.58	.00	.50	CS-137	<	1.60	
	FMP-SS-23-162D	1379108.79	480455.58	.00	.50	RA-226	=	85.90	2.70
	FMP-SS-23-162D	1379108.79	480455.58	.00	.50	RU-106	<	13.30	
	FMP-SS-23-162D	1379108.79	480455.58	.00	.50	TH-232	<	6.30	
	FMP-SS-23-162D	1379108.79	480455.58	.00	.50	U-238	<	22.90	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-164	1379542.68	480445.71	.00	.50	CS-137	=	.40	.20
	FMP-SS-23-164	1379542.68	480445.71	.00	.50	RA-226	=	4.30	.70
	FMP-SS-23-164	1379542.68	480445.71	.00	.50	RU-106	<	.60	
	FMP-SS-23-164	1379542.68	480445.71	.00	.50	TH-232	<	2.40	
	FMP-SS-23-164	1379542.68	480445.71	.00	.50	U-238	<	12.10	
	FMP-SS-23-165	1379552.40	480435.44	.00	.50	CS-137	<	.30	
	FMP-SS-23-165	1379552.40	480435.44	.00	.50	RA-226	=	1.80	.50
	FMP-SS-23-165	1379552.40	480435.44	.00	.50	RU-106	<	5.70	
	FMP-SS-23-165	1379552.40	480435.44	.00	.50	TH-232	=	.70	.60
	FMP-SS-23-165	1379552.40	480435.44	.00	.50	U-238	=	3.40	2.40
	FMP-SS-23-166	1379563.48	480438.13	.00	.50	CS-137	=	.80	.50
	FMP-SS-23-166	1379563.48	480438.13	.00	.50	RA-226	=	11.00	.60
	FMP-SS-23-166	1379563.48	480438.13	.00	.50	RU-106	<	5.40	
	FMP-SS-23-166	1379563.48	480438.13	.00	.50	TH-232	=	3.00	.90
	FMP-SS-23-166	1379563.48	480438.13	.00	.50	U-238	=	6.30	2.60
	FMP-SS-23-167	1379723.31	480429.76	.00	.50	CS-137	<	.90	
	FMP-SS-23-167	1379723.31	480429.76	.00	.50	RA-226	=	6.40	.80
	FMP-SS-23-167	1379723.31	480429.76	.00	.50	RU-106	<	3.40	
	FMP-SS-23-167	1379723.31	480429.76	.00	.50	TH-232	=	7.50	.80
	FMP-SS-23-167	1379723.31	480429.76	.00	.50	U-238	=	13.80	5.10
	FMP-SS-23-168	1379092.90	480460.02	.00	.50	CS-137	<	.60	
	FMP-SS-23-168	1379092.90	480460.02	.00	.50	RA-226	=	.80	.50
	FMP-SS-23-168	1379092.90	480460.02	.00	.50	RU-106	<	.50	
	FMP-SS-23-168	1379092.90	480460.02	.00	.50	TH-232	=	.60	.50
	FMP-SS-23-168	1379092.90	480460.02	.00	.50	U-238	<	7.60	
	FMP-SS-23-169	1378992.72	480454.76	.00	.50	CS-137	=	1.30	.80
	FMP-SS-23-169	1378992.72	480454.76	.00	.50	RA-226	=	14.50	1.20
	FMP-SS-23-169	1378992.72	480454.76	.00	.50	RU-106	<	6.30	
	FMP-SS-23-169	1378992.72	480454.76	.00	.50	TH-232	=	3.20	1.60
	FMP-SS-23-169	1378992.72	480454.76	.00	.50	U-238	=	9.50	3.60
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	CS-137	<	.70	
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	RA-226	=	7.70	1.20
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	RU-106	<	.70	
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	TH-232	=	25.90	3.50
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	U-238	=	60.60	14.70
	FMP-SS-23-174	1379394.60	480444.76	.00	.50	CS-137	=	.40	.30
	FMP-SS-23-174	1379394.60	480444.76	.00	.50	RA-226	=	.80	.40
	FMP-SS-23-174	1379394.60	480444.76	.00	.50	RU-106	<	3.50	
	FMP-SS-23-174	1379394.60	480444.76	.00	.50	TH-232	=	1.40	.50
	FMP-SS-23-174	1379394.60	480444.76	.00	.50	U-238	<	5.50	
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	CS-137	<	.60	
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	RA-226	=	20.00	1.20
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	RU-106	<	6.00	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-176	1379388.87	480454.92	.00	.50	TH-232	=	4.50	1.60
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	U-238	<	14.80	
	FMP-SS-23-178	1379381.60	480445.11	.00	.50	CS-137	<	.40	
	FMP-SS-23-178	1379381.60	480445.11	.00	.50	RA-226	=	1.40	.40
	FMP-SS-23-178	1379381.60	480445.11	.00	.50	RU-106	<	3.30	
	FMP-SS-23-178	1379381.60	480445.11	.00	.50	TH-232	=	.70	.40
	FMP-SS-23-178	1379381.60	480445.11	.00	.50	U-238	<	7.30	
	FMP-SS-23-180	1379424.92	480455.93	.00	.50	CS-137	=	.30	.20
	FMP-SS-23-180	1379424.92	480455.93	.00	.50	RA-226	=	1.10	.40
	FMP-SS-23-180	1379424.92	480455.93	.00	.50	RU-106	<	2.40	
	FMP-SS-23-180	1379424.92	480455.93	.00	.50	TH-232	=	.50	.30
	FMP-SS-23-180	1379424.92	480455.93	.00	.50	U-238	<	6.60	
	FMP-SS-23-181	1379396.82	480452.70	.00	.50	CS-137	<	.70	
	FMP-SS-23-181	1379396.82	480452.70	.00	.50	RA-226	=	10.40	1.10
	FMP-SS-23-181	1379396.82	480452.70	.00	.50	RU-106	<	1.80	
	FMP-SS-23-181	1379396.82	480452.70	.00	.50	TH-232	<	1.10	
	FMP-SS-23-181	1379396.82	480452.70	.00	.50	U-238	<	13.00	
	FMP-SS-23-189	1379744.30	480429.18	.00	.50	CS-137	<	.70	
	FMP-SS-23-189	1379744.30	480429.18	.00	.50	RA-226	=	3.30	.80
	FMP-SS-23-189	1379744.30	480429.18	.00	.50	RU-106	<	5.50	
	FMP-SS-23-189	1379744.30	480429.18	.00	.50	TH-232	=	4.10	.80
	FMP-SS-23-189	1379744.30	480429.18	.00	.50	U-238	=	11.40	3.40
	FMP-SS-23-190QC	1379744.30	480429.18	.00	.50	CS-137	<	1.20	
	FMP-SS-23-190QC	1379744.30	480429.18	.00	.50	RA-226	=	2.40	.60
	FMP-SS-23-190QC	1379744.30	480429.18	.00	.50	RU-106	<	3.70	
	FMP-SS-23-190QC	1379744.30	480429.18	.00	.50	TH-232	=	3.10	.50
	FMP-SS-23-190QC	1379744.30	480429.18	.00	.50	U-238	=	7.30	5.00
	FMP-SS-23-193	1379723.15	480423.76	.00	.50	CS-137	<	.90	
	FMP-SS-23-193	1379723.15	480423.76	.00	.50	RA-226	=	1.60	.50
	FMP-SS-23-193	1379723.15	480423.76	.00	.50	RU-106	<	9.40	
	FMP-SS-23-193	1379723.15	480423.76	.00	.50	TH-232	=	3.20	.70
	FMP-SS-23-193	1379723.15	480423.76	.00	.50	U-238	=	13.00	6.20
	FMP-SS-23-194	1379703.32	480430.31	.00	.50	CS-137	<	1.90	
	FMP-SS-23-194	1379703.32	480430.31	.00	.50	RA-226	=	3.30	.70
	FMP-SS-23-194	1379703.32	480430.31	.00	.50	RU-106	<	11.50	
	FMP-SS-23-194	1379703.32	480430.31	.00	.50	TH-232	=	5.90	.70
	FMP-SS-23-194	1379703.32	480430.31	.00	.50	U-238	<	29.30	
	FMP-SS-23-197	1379563.54	480440.13	.00	.50	CS-137	<	.50	
	FMP-SS-23-197	1379563.54	480440.13	.00	.50	RA-226	=	1.40	.30
	FMP-SS-23-197	1379563.54	480440.13	.00	.50	RU-106	<	7.00	
	FMP-SS-23-197	1379563.54	480440.13	.00	.50	TH-232	=	.70	.30
	FMP-SS-23-197	1379563.54	480440.13	.00	.50	U-238	=	10.60	5.60
24	FMP-SL-24-023	1379098.98	478013.94	.16	.50	CS-137	=	.50	.30

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-023	1379098.98	478013.94	.16	.50	RA-226	=	2.20	.50
	FMP-SL-24-023	1379098.98	478013.94	.16	.50	RU-106	<	3.20	
	FMP-SL-24-023	1379098.98	478013.94	.16	.50	TH-232	<	1.30	
	FMP-SL-24-023	1379098.98	478013.94	.16	.50	U-238	<	6.30	
	FMP-SL-24-024	1379098.98	478013.94	.50	1.00	CS-137	<	.80	
	FMP-SL-24-024	1379098.98	478013.94	.50	1.00	RA-226	=	3.00	.50
	FMP-SL-24-024	1379098.98	478013.94	.50	1.00	RU-106	<	5.60	
	FMP-SL-24-024	1379098.98	478013.94	.50	1.00	TH-232	=	.90	.50
	FMP-SL-24-024	1379098.98	478013.94	.50	1.00	U-238	=	7.90	2.80
	FMP-SL-24-025	1379098.98	478013.94	1.00	1.50	CS-137	<	.40	
	FMP-SL-24-025	1379098.98	478013.94	1.00	1.50	RA-226	=	2.80	.50
	FMP-SL-24-025	1379098.98	478013.94	1.00	1.50	RU-106	<	5.60	
	FMP-SL-24-025	1379098.98	478013.94	1.00	1.50	TH-232	=	1.30	.50
	FMP-SL-24-025	1379098.98	478013.94	1.00	1.50	U-238	<	13.00	
	FMP-SL-24-026	1379148.96	478012.57	.16	.50	CS-137	<	.10	
	FMP-SL-24-026	1379148.96	478012.57	.16	.50	RA-226	=	.20	.10
	FMP-SL-24-026	1379148.96	478012.57	.16	.50	RU-106	<	.40	
	FMP-SL-24-026	1379148.96	478012.57	.16	.50	TH-232	=	1.00	.30
	FMP-SL-24-026	1379148.96	478012.57	.16	.50	U-238	<	14.50	
	FMP-SL-24-027	1379148.96	478012.57	.50	1.00	CS-137	<	.40	
	FMP-SL-24-027	1379148.96	478012.57	.50	1.00	RA-226	<	1.50	
	FMP-SL-24-027	1379148.96	478012.57	.50	1.00	RU-106	<	4.10	
	FMP-SL-24-027	1379148.96	478012.57	.50	1.00	TH-232	=	10.20	2.40
	FMP-SL-24-027	1379148.96	478012.57	.50	1.00	U-238	<	19.40	
	FMP-SL-24-028	1379148.96	478012.57	1.00	1.50	CS-137	<	.30	
	FMP-SL-24-028	1379148.96	478012.57	1.00	1.50	RA-226	<	.70	
	FMP-SL-24-028	1379148.96	478012.57	1.00	1.50	RU-106	<	4.20	
	FMP-SL-24-028	1379148.96	478012.57	1.00	1.50	TH-232	=	4.40	.70
	FMP-SL-24-028	1379148.96	478012.57	1.00	1.50	U-238	=	12.60	4.70
	FMP-SL-24-029	1379548.81	478001.62	.16	.50	CS-137	<	.40	
	FMP-SL-24-029	1379548.81	478001.62	.16	.50	RA-226	=	2.80	.50
	FMP-SL-24-029	1379548.81	478001.62	.16	.50	RU-106	<	.50	
	FMP-SL-24-029	1379548.81	478001.62	.16	.50	TH-232	<	1.80	
	FMP-SL-24-029	1379548.81	478001.62	.16	.50	U-238	=	2.00	1.60
	FMP-SL-24-029D	1379548.81	478001.62	.16	.50	CS-137	=	.40	.20
	FMP-SL-24-029D	1379548.81	478001.62	.16	.50	RA-226	=	3.00	.50
	FMP-SL-24-029D	1379548.81	478001.62	.16	.50	RU-106	<	1.90	
	FMP-SL-24-029D	1379548.81	478001.62	.16	.50	TH-232	<	1.80	
	FMP-SL-24-029D	1379548.81	478001.62	.16	.50	U-238	<	11.30	
	FMP-SL-24-030	1379548.81	478001.62	.50	1.00	CS-137	<	.10	
	FMP-SL-24-030	1379548.81	478001.62	.50	1.00	RA-226	=	.70	.30
	FMP-SL-24-030	1379548.81	478001.62	.50	1.00	RU-106	<	6.70	
	FMP-SL-24-030	1379548.81	478001.62	.50	1.00	TH-232	<	.30	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-030	1379548.81	478001.62	.50	1.00	U-238	=	2.50	1.80
	FMP-SL-24-031	1379548.81	478001.62	1.00	1.50	CS-137	<	.50	
	FMP-SL-24-031	1379548.81	478001.62	1.00	1.50	RA-226	<	1.00	
	FMP-SL-24-031	1379548.81	478001.62	1.00	1.50	RU-106	<	6.60	
	FMP-SL-24-031	1379548.81	478001.62	1.00	1.50	TH-232	=	.70	.30
	FMP-SL-24-031	1379548.81	478001.62	1.00	1.50	U-238	=	3.80	1.80
	FMP-SL-24-032	1379598.80	478000.26	.50	1.00	CS-137	<	.90	
	FMP-SL-24-032	1379598.80	478000.26	.50	1.00	RA-226	=	1.40	.30
	FMP-SL-24-032	1379598.80	478000.26	.50	1.00	RU-106	<	.50	
	FMP-SL-24-032	1379598.80	478000.26	.50	1.00	TH-232	<	.30	
	FMP-SL-24-032	1379598.80	478000.26	.50	1.00	U-238	=	2.00	1.30
	FMP-SL-24-032D	1379598.80	478000.26	.50	1.00	CS-137	<	.60	
	FMP-SL-24-032D	1379598.80	478000.26	.50	1.00	RA-226	=	1.60	.50
	FMP-SL-24-032D	1379598.80	478000.26	.50	1.00	RU-106	<	7.50	
	FMP-SL-24-032D	1379598.80	478000.26	.50	1.00	TH-232	=	.30	.20
	FMP-SL-24-032D	1379598.80	478000.26	.50	1.00	U-238	<	16.70	
	FMP-SL-24-033	1379648.78	477998.89	.16	.50	CS-137	<	.60	
	FMP-SL-24-033	1379648.78	477998.89	.16	.50	RA-226	=	4.20	.30
	FMP-SL-24-033	1379648.78	477998.89	.16	.50	RU-106	<	8.30	
	FMP-SL-24-033	1379648.78	477998.89	.16	.50	TH-232	<	5.60	
	FMP-SL-24-033	1379648.78	477998.89	.16	.50	U-238	<	25.50	
	FMP-SL-24-034	1379648.78	477998.89	.50	1.00	CS-137	<	.70	
	FMP-SL-24-034	1379648.78	477998.89	.50	1.00	RA-226	=	2.60	.30
	FMP-SL-24-034	1379648.78	477998.89	.50	1.00	RU-106	<	4.20	
	FMP-SL-24-034	1379648.78	477998.89	.50	1.00	TH-232	<	.30	
	FMP-SL-24-034	1379648.78	477998.89	.50	1.00	U-238	=	10.50	3.80
	FMP-SL-24-035	1379626.89	477199.19	.16	.50	CS-137	<	1.00	
	FMP-SL-24-035	1379626.89	477199.19	.16	.50	RA-226	=	3.10	.50
	FMP-SL-24-035	1379626.89	477199.19	.16	.50	RU-106	<	8.80	
	FMP-SL-24-035	1379626.89	477199.19	.16	.50	TH-232	<	3.00	
	FMP-SL-24-035	1379626.89	477199.19	.16	.50	U-238	<	20.00	
	FMP-SL-24-036	1379626.89	477199.19	.50	1.00	CS-137	<	1.50	
	FMP-SL-24-036	1379626.89	477199.19	.50	1.00	RA-226	=	8.70	.80
	FMP-SL-24-036	1379626.89	477199.19	.50	1.00	RU-106	<	3.70	
	FMP-SL-24-036	1379626.89	477199.19	.50	1.00	TH-232	=	3.30	1.50
	FMP-SL-24-036	1379626.89	477199.19	.50	1.00	U-238	<	28.10	
	FMP-SL-24-037	1379747.37	477946.17	.16	.50	CS-137	<	.60	
	FMP-SL-24-037	1379747.37	477946.17	.16	.50	RA-226	=	7.50	.80
	FMP-SL-24-037	1379747.37	477946.17	.16	.50	RU-106	<	5.40	
	FMP-SL-24-037	1379747.37	477946.17	.16	.50	TH-232	=	.70	.20
	FMP-SL-24-037	1379747.37	477946.17	.16	.50	U-238	<	12.70	
	FMP-SL-24-038	1379747.37	477946.17	.50	1.00	CS-137	<	.60	
	FMP-SL-24-038	1379747.37	477946.17	.50	1.00	RA-226	=	2.50	.20

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-038	1379747.37	477946.17	.50	1.00	RU-106	<	7.10	
	FMP-SL-24-038	1379747.37	477946.17	.50	1.00	TH-232	=	1.30	.50
	FMP-SL-24-038	1379747.37	477946.17	.50	1.00	U-238	<	13.10	
	FMP-SL-24-040	1379298.91	478008.46	.16	.50	CS-137	=	.50	.40
	FMP-SL-24-040	1379298.91	478008.46	.16	.50	RA-226	<	2.10	
	FMP-SL-24-040	1379298.91	478008.46	.16	.50	RU-106	<	9.20	
	FMP-SL-24-040	1379298.91	478008.46	.16	.50	TH-232	=	6.60	2.40
	FMP-SL-24-040	1379298.91	478008.46	.16	.50	U-238	=	5.30	4.60
	FMP-SL-24-041	1379844.60	477843.47	.16	.50	CS-137	<	.40	
	FMP-SL-24-041	1379844.60	477843.47	.16	.50	RA-226	=	2.40	.50
	FMP-SL-24-041	1379844.60	477843.47	.16	.50	RU-106	<	.50	
	FMP-SL-24-041	1379844.60	477843.47	.16	.50	TH-232	<	.30	
	FMP-SL-24-041	1379844.60	477843.47	.16	.50	U-238	<	14.60	
	FMP-SL-24-042	1379598.80	478000.26	.16	.50	CS-137	<	1.30	
	FMP-SL-24-042	1379598.80	478000.26	.16	.50	RA-226	=	3.80	.50
	FMP-SL-24-042	1379598.80	478000.26	.16	.50	RU-106	<	4.20	
	FMP-SL-24-042	1379598.80	478000.26	.16	.50	TH-232	<	.30	
	FMP-SL-24-042	1379598.80	478000.26	.16	.50	U-238	<	15.40	
	FMP-SL-24-042D	1379598.80	478000.26	.16	.50	CS-137	<	1.20	
	FMP-SL-24-042D	1379598.80	478000.26	.16	.50	RA-226	=	4.00	.70
	FMP-SL-24-042D	1379598.80	478000.26	.16	.50	RU-106	<	3.40	
	FMP-SL-24-042D	1379598.80	478000.26	.16	.50	TH-232	<	.30	
	FMP-SL-24-042D	1379598.80	478000.26	.16	.50	U-238	<	17.90	
	FMP-SL-24-044	1379645.36	477179.67	.16	.50	CS-137	<	.80	
	FMP-SL-24-044	1379645.36	477179.67	.16	.50	RA-226	=	8.60	.70
	FMP-SL-24-044	1379645.36	477179.67	.16	.50	RU-106	<	4.90	
	FMP-SL-24-044	1379645.36	477179.67	.16	.50	TH-232	<	3.70	
	FMP-SL-24-044	1379645.36	477179.67	.16	.50	U-238	<	33.30	
	FMP-SL-24-045	1379645.36	477179.67	.50	1.00	CS-137	<	.50	
	FMP-SL-24-045	1379645.36	477179.67	.50	1.00	RA-226	=	6.20	.60
	FMP-SL-24-045	1379645.36	477179.67	.50	1.00	RU-106	<	8.10	
	FMP-SL-24-045	1379645.36	477179.67	.50	1.00	TH-232	<	.20	
	FMP-SL-24-045	1379645.36	477179.67	.50	1.00	U-238	<	25.30	
	FMP-SL-24-045D	1379645.36	477179.67	.50	1.00	CS-137	<	.20	
	FMP-SL-24-045D	1379645.36	477179.67	.50	1.00	RA-226	=	5.20	.60
	FMP-SL-24-045D	1379645.36	477179.67	.50	1.00	RU-106	<	.50	
	FMP-SL-24-045D	1379645.36	477179.67	.50	1.00	TH-232	<	1.30	
	FMP-SL-24-045D	1379645.36	477179.67	.50	1.00	U-238	<	27.10	
	FMP-SL-24-048	1379633.30	477214.02	.16	.50	CS-137	<	1.60	
	FMP-SL-24-048	1379633.30	477214.02	.16	.50	RA-226	=	74.20	2.10
	FMP-SL-24-048	1379633.30	477214.02	.16	.50	RU-106	<	23.80	
	FMP-SL-24-048	1379633.30	477214.02	.16	.50	TH-232	<	3.50	
	FMP-SL-24-048	1379633.30	477214.02	.16	.50	U-238	=	21.90	9.50

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	CS-137	<	3.30	
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	RA-226	=	109.00	2.50
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	RU-106	<	23.00	
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	TH-232	=	9.10	4.10
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	U-238	=	19.60	6.80
	FMP-SL-24-051	1379622.57	477224.31	.16	.50	CS-137	<	1.70	
	FMP-SL-24-051	1379622.57	477224.31	.16	.50	RA-226	=	29.30	1.30
	FMP-SL-24-051	1379622.57	477224.31	.16	.50	RU-106	<	17.10	
	FMP-SL-24-051	1379622.57	477224.31	.16	.50	TH-232	<	3.10	
	FMP-SL-24-051	1379622.57	477224.31	.16	.50	U-238	=	15.80	4.30
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	CS-137	<	1.60	
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	RA-226	=	28.20	1.30
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	RU-106	<	13.40	
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	TH-232	=	8.10	2.40
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	U-238	<	20.00	
	FMP-SL-24-054	1379496.79	477233.76	.16	.50	CS-137	<	1.10	
	FMP-SL-24-054	1379496.79	477233.76	.16	.50	RA-226	<	2.80	
	FMP-SL-24-054	1379496.79	477233.76	.16	.50	RU-106	<	8.20	
	FMP-SL-24-054	1379496.79	477233.76	.16	.50	TH-232	=	10.00	.90
	FMP-SL-24-054	1379496.79	477233.76	.16	.50	U-238	=	5.70	2.90
	FMP-SL-24-055	1379496.79	477233.76	.50	1.00	CS-137	<	2.60	
	FMP-SL-24-055	1379496.79	477233.76	.50	1.00	RA-226	<	2.60	
	FMP-SL-24-055	1379496.79	477233.76	.50	1.00	RU-106	<	18.30	
	FMP-SL-24-055	1379496.79	477233.76	.50	1.00	TH-232	=	33.70	4.30
	FMP-SL-24-055	1379496.79	477233.76	.50	1.00	U-238	<	15.60	
	FMP-SL-24-055D	1379496.79	477233.76	.50	1.00	CS-137	<	2.30	
	FMP-SL-24-055D	1379496.79	477233.76	.50	1.00	RA-226	<	2.10	
	FMP-SL-24-055D	1379496.79	477233.76	.50	1.00	RU-106	<	9.20	
	FMP-SL-24-055D	1379496.79	477233.76	.50	1.00	TH-232	=	36.40	3.80
	FMP-SL-24-055D	1379496.79	477233.76	.50	1.00	U-238	<	12.20	
	FMP-SL-24-056	1379496.79	477233.76	1.00	1.50	CS-137	<	.40	
	FMP-SL-24-056	1379496.79	477233.76	1.00	1.50	RA-226	=	.70	.40
	FMP-SL-24-056	1379496.79	477233.76	1.00	1.50	RU-106	<	9.80	
	FMP-SL-24-056	1379496.79	477233.76	1.00	1.50	TH-232	=	4.50	.50
	FMP-SL-24-056	1379496.79	477233.76	1.00	1.50	U-238	<	19.60	
	FMP-SL-24-056D	1379496.79	477233.76	.00	.50	CS-137	<	.30	
	FMP-SL-24-056D	1379496.79	477233.76	.00	.50	RA-226	=	1.10	.30
	FMP-SL-24-056D	1379496.79	477233.76	.00	.50	RU-106	<	.50	
	FMP-SL-24-056D	1379496.79	477233.76	.00	.50	TH-232	<	.30	
	FMP-SL-24-056D	1379496.79	477233.76	.00	.50	U-238	<	3.40	
	FMP-SL-24-058	1379505.88	477346.55	.16	.50	CS-137	=	.30	.20
	FMP-SL-24-058	1379505.88	477346.55	.16	.50	RA-226	=	3.20	.50
	FMP-SL-24-058	1379505.88	477346.55	.16	.50	RU-106	<	9.10	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-058	1379505.88	477346.55	.16	.50	TH-232	<	2.00	
	FMP-SL-24-058	1379505.88	477346.55	.16	.50	U-238	=	6.30	5.00
	FMP-SL-24-059	1379505.88	477346.55	.50	1.00	CS-137	<	1.30	
	FMP-SL-24-059	1379505.88	477346.55	.50	1.00	RA-226	=	1.90	.40
	FMP-SL-24-059	1379505.88	477346.55	.50	1.00	RU-106	<	7.10	
	FMP-SL-24-059	1379505.88	477346.55	.50	1.00	TH-232	=	.80	.70
	FMP-SL-24-059	1379505.88	477346.55	.50	1.00	U-238	<	6.70	
	FMP-SL-24-061	1379457.43	477403.90	.16	.50	CS-137	<	.50	
	FMP-SL-24-061	1379457.43	477403.90	.16	.50	RA-226	=	6.30	.60
	FMP-SL-24-061	1379457.43	477403.90	.16	.50	RU-106	<	6.60	
	FMP-SL-24-061	1379457.43	477403.90	.16	.50	TH-232	=	1.00	.50
	FMP-SL-24-061	1379457.43	477403.90	.16	.50	U-238	<	16.40	
	FMP-SL-24-062	1379457.43	477403.90	.50	1.00	CS-137	<	.40	
	FMP-SL-24-062	1379457.43	477403.90	.50	1.00	RA-226	=	2.00	.40
	FMP-SL-24-062	1379457.43	477403.90	.50	1.00	RU-106	<	4.70	
	FMP-SL-24-062	1379457.43	477403.90	.50	1.00	TH-232	<	1.30	
	FMP-SL-24-062	1379457.43	477403.90	.50	1.00	U-238	=	5.30	2.10
	FMP-SL-24-063	1379457.43	477403.90	1.00	1.50	CS-137	<	.40	
	FMP-SL-24-063	1379457.43	477403.90	1.00	1.50	RA-226	=	7.40	.70
	FMP-SL-24-063	1379457.43	477403.90	1.00	1.50	RU-106	<	3.40	
	FMP-SL-24-063	1379457.43	477403.90	1.00	1.50	TH-232	<	1.60	
	FMP-SL-24-063	1379457.43	477403.90	1.00	1.50	U-238	<	31.80	
	FMP-SL-24-065	1379573.49	477550.78	.16	.50	CS-137	<	.20	
	FMP-SL-24-065	1379573.49	477550.78	.16	.50	RA-226	=	.40	.20
	FMP-SL-24-065	1379573.49	477550.78	.16	.50	RU-106	<	3.10	
	FMP-SL-24-065	1379573.49	477550.78	.16	.50	TH-232	<	2.20	
	FMP-SL-24-065	1379573.49	477550.78	.16	.50	U-238	=	19.80	3.70
	FMP-SL-24-065D	1379573.49	477550.78	.16	.50	CS-137	<	.20	
	FMP-SL-24-065D	1379573.49	477550.78	.16	.50	RA-226	=	.50	.30
	FMP-SL-24-065D	1379573.49	477550.78	.16	.50	RU-106	<	2.20	
	FMP-SL-24-065D	1379573.49	477550.78	.16	.50	TH-232	<	1.10	
	FMP-SL-24-065D	1379573.49	477550.78	.16	.50	U-238	=	20.90	3.10
	FMP-SL-24-067	1379540.45	477476.66	.16	.50	CS-137	<	.60	
	FMP-SL-24-067	1379540.45	477476.66	.16	.50	RA-226	=	.70	.30
	FMP-SL-24-067	1379540.45	477476.66	.16	.50	RU-106	<	.50	
	FMP-SL-24-067	1379540.45	477476.66	.16	.50	TH-232	<	2.40	
	FMP-SL-24-067	1379540.45	477476.66	.16	.50	U-238	=	26.00	3.60
	FMP-SL-24-069	1379446.48	477698.31	.16	.50	CS-137	<	.50	
	FMP-SL-24-069	1379446.48	477698.31	.16	.50	RA-226	=	5.10	.60
	FMP-SL-24-069	1379446.48	477698.31	.16	.50	RU-106	<	2.60	
	FMP-SL-24-069	1379446.48	477698.31	.16	.50	TH-232	=	3.40	1.50
	FMP-SL-24-069	1379446.48	477698.31	.16	.50	U-238	=	11.40	4.80
	FMP-SL-24-071	1379428.85	477748.81	.16	.50	CS-137	<	.80	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-071	1379428.85	477748.81	.16	.50	RA-226	=	7.00	.90
	FMP-SL-24-071	1379428.85	477748.81	.16	.50	RU-106	<	5.90	
	FMP-SL-24-071	1379428.85	477748.81	.16	.50	TH-232	=	6.80	3.70
	FMP-SL-24-071	1379428.85	477748.81	.16	.50	U-238	<	19.20	
	FMP-SL-24-073	1379425.07	477829.94	.16	.50	CS-137	<	.30	
	FMP-SL-24-073	1379425.07	477829.94	.16	.50	RA-226	=	2.60	.50
	FMP-SL-24-073	1379425.07	477829.94	.16	.50	RU-106	<	3.70	
	FMP-SL-24-073	1379425.07	477829.94	.16	.50	TH-232	<	2.60	
	FMP-SL-24-073	1379425.07	477829.94	.16	.50	U-238	=	6.30	4.20
	FMP-SL-24-074	1379425.07	477829.94	.50	1.00	CS-137	<	.40	
	FMP-SL-24-074	1379425.07	477829.94	.50	1.00	RA-226	=	.70	.50
	FMP-SL-24-074	1379425.07	477829.94	.50	1.00	RU-106	<	3.70	
	FMP-SL-24-074	1379425.07	477829.94	.50	1.00	TH-232	=	.70	.40
	FMP-SL-24-074	1379425.07	477829.94	.50	1.00	U-238	=	2.90	1.30
	FMP-SL-24-076	1379503.82	477490.66	.16	.50	CS-137	<	.30	
	FMP-SL-24-076	1379503.82	477490.66	.16	.50	RA-226	<	1.70	
	FMP-SL-24-076	1379503.82	477490.66	.16	.50	RU-106	<	2.80	
	FMP-SL-24-076	1379503.82	477490.66	.16	.50	TH-232	=	.70	.30
	FMP-SL-24-076	1379503.82	477490.66	.16	.50	U-238	=	55.60	6.00
	FMP-SL-24-078	1379465.80	477709.79	.16	.50	CS-137	<	.90	
	FMP-SL-24-078	1379465.80	477709.79	.16	.50	RA-226	=	5.80	.80
	FMP-SL-24-078	1379465.80	477709.79	.16	.50	RU-106	<	6.00	
	FMP-SL-24-078	1379465.80	477709.79	.16	.50	TH-232	<	2.60	
	FMP-SL-24-078	1379465.80	477709.79	.16	.50	U-238	=	6.50	4.90
	FMP-SL-24-079	1379465.80	477709.79	.50	1.00	CS-137	<	.20	
	FMP-SL-24-079	1379465.80	477709.79	.50	1.00	RA-226	=	6.40	.80
	FMP-SL-24-079	1379465.80	477709.79	.50	1.00	RU-106	<	4.10	
	FMP-SL-24-079	1379465.80	477709.79	.50	1.00	TH-232	<	1.40	
	FMP-SL-24-079	1379465.80	477709.79	.50	1.00	U-238	<	9.30	
	FMP-SL-24-080	1379465.80	477709.79	1.00	1.50	CS-137	<	.60	
	FMP-SL-24-080	1379465.80	477709.79	1.00	1.50	RA-226	=	2.80	.50
	FMP-SL-24-080	1379465.80	477709.79	1.00	1.50	RU-106	<	7.80	
	FMP-SL-24-080	1379465.80	477709.79	1.00	1.50	TH-232	=	.40	.30
	FMP-SL-24-080	1379465.80	477709.79	1.00	1.50	U-238	=	5.00	3.10
	FMP-SL-24-082	1379491.11	477538.03	.16	.50	CS-137	<	.70	
	FMP-SL-24-082	1379491.11	477538.03	.16	.50	RA-226	=	1.80	.40
	FMP-SL-24-082	1379491.11	477538.03	.16	.50	RU-106	<	3.10	
	FMP-SL-24-082	1379491.11	477538.03	.16	.50	TH-232	=	.80	.50
	FMP-SL-24-082	1379491.11	477538.03	.16	.50	U-238	=	21.50	3.50
	FMP-SL-24-085	1379788.84	477926.03	.16	.50	CS-137	<	1.20	
	FMP-SL-24-085	1379788.84	477926.03	.16	.50	RA-226	=	27.50	1.40
	FMP-SL-24-085	1379788.84	477926.03	.16	.50	RU-106	<	5.10	
	FMP-SL-24-085	1379788.84	477926.03	.16	.50	TH-232	<	6.80	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-085	1379788.84	477926.03	.16	.50	U-238	<	24.10	
	FMP-SL-24-086	1379788.84	477926.03	.50	1.00	CS-137	<	.10	
	FMP-SL-24-086	1379788.84	477926.03	.50	1.00	RA-226	=	6.30	.70
	FMP-SL-24-086	1379788.84	477926.03	.50	1.00	RU-106	<	4.90	
	FMP-SL-24-086	1379788.84	477926.03	.50	1.00	TH-232	<	2.00	
	FMP-SL-24-086	1379788.84	477926.03	.50	1.00	U-238	<	15.50	
	FMP-SL-24-086D	1379788.84	477926.03	.50	1.00	CS-137	<	.80	
	FMP-SL-24-086D	1379788.84	477926.03	.50	1.00	RA-226	=	7.40	.70
	FMP-SL-24-086D	1379788.84	477926.03	.50	1.00	RU-106	<	6.70	
	FMP-SL-24-086D	1379788.84	477926.03	.50	1.00	TH-232	<	3.10	
	FMP-SL-24-086D	1379788.84	477926.03	.50	1.00	U-238	<	8.10	
	FMP-SL-24-088	1379783.51	477914.17	.16	.50	CS-137	<	.50	
	FMP-SL-24-088	1379783.51	477914.17	.16	.50	RA-226	=	15.20	1.20
	FMP-SL-24-088	1379783.51	477914.17	.16	.50	RU-106	<	7.80	
	FMP-SL-24-088	1379783.51	477914.17	.16	.50	TH-232	=	1.10	.80
	FMP-SL-24-088	1379783.51	477914.17	.16	.50	U-238	<	19.40	
	FMP-SL-24-090	1379765.68	477920.66	.16	.50	CS-137	<	1.00	
	FMP-SL-24-090	1379765.68	477920.66	.16	.50	RA-226	=	40.50	1.60
	FMP-SL-24-090	1379765.68	477920.66	.16	.50	RU-106	<	9.60	
	FMP-SL-24-090	1379765.68	477920.66	.16	.50	TH-232	<	4.50	
	FMP-SL-24-090	1379765.68	477920.66	.16	.50	U-238	<	30.90	
	FMP-SL-24-091	1379765.68	477920.66	.50	1.00	CS-137	<	.50	
	FMP-SL-24-091	1379765.68	477920.66	.50	1.00	RA-226	=	7.90	.80
	FMP-SL-24-091	1379765.68	477920.66	.50	1.00	RU-106	<	7.20	
	FMP-SL-24-091	1379765.68	477920.66	.50	1.00	TH-232	<	3.70	
	FMP-SL-24-091	1379765.68	477920.66	.50	1.00	U-238	<	15.70	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	CS-137	<	1.60	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	RA-226	=	51.80	1.80
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	RU-106	<	6.70	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	TH-232	<	7.20	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	U-238	<	20.70	
	FMP-SL-24-095	1379815.98	477894.27	.50	1.00	CS-137	<	1.50	
	FMP-SL-24-095	1379815.98	477894.27	.50	1.00	RA-226	=	37.00	1.70
	FMP-SL-24-095	1379815.98	477894.27	.50	1.00	RU-106	<	7.10	
	FMP-SL-24-095	1379815.98	477894.27	.50	1.00	TH-232	<	2.70	
	FMP-SL-24-095	1379815.98	477894.27	.50	1.00	U-238	<	18.30	
	FMP-SL-24-097	1379871.48	477911.76	.20	.50	CS-137	<	1.40	
	FMP-SL-24-097	1379871.48	477911.76	.20	.50	RA-226	=	13.80	1.00
	FMP-SL-24-097	1379871.48	477911.76	.20	.50	RU-106	<	4.50	
	FMP-SL-24-097	1379871.48	477911.76	.20	.50	TH-232	<	1.50	
	FMP-SL-24-097	1379871.48	477911.76	.20	.50	U-238	<	23.40	
	FMP-SL-24-098	1379871.48	477911.76	.50	1.00	CS-137	<	.70	
	FMP-SL-24-098	1379871.48	477911.76	.50	1.00	RA-226	=	7.50	.70

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-098	1379871.48	477911.76	.50	1.00	RU-106	<	5.00	
	FMP-SL-24-098	1379871.48	477911.76	.50	1.00	TH-232	=	1.10	.70
	FMP-SL-24-098	1379871.48	477911.76	.50	1.00	U-238	<	11.50	
	FMP-SL-24-100	1379857.80	477887.13	.20	.50	CS-137	<	.60	
	FMP-SL-24-100	1379857.80	477887.13	.20	.50	RA-226	=	5.40	.70
	FMP-SL-24-100	1379857.80	477887.13	.20	.50	RU-106	<	5.40	
	FMP-SL-24-100	1379857.80	477887.13	.20	.50	TH-232	<	1.60	
	FMP-SL-24-100	1379857.80	477887.13	.20	.50	U-238	=	7.70	4.20
	FMP-SL-24-102	1379839.64	477881.62	.16	.50	CS-137	<	.60	
	FMP-SL-24-102	1379839.64	477881.62	.16	.50	RA-226	=	4.10	.60
	FMP-SL-24-102	1379839.64	477881.62	.16	.50	RU-106	<	4.00	
	FMP-SL-24-102	1379839.64	477881.62	.16	.50	TH-232	=	1.80	.60
	FMP-SL-24-102	1379839.64	477881.62	.16	.50	U-238	<	14.90	
	FMP-SL-24-104	1379838.60	477843.64	.16	.50	CS-137	<	.90	
	FMP-SL-24-104	1379838.60	477843.64	.16	.50	RA-226	=	8.70	.80
	FMP-SL-24-104	1379838.60	477843.64	.16	.50	RU-106	<	3.80	
	FMP-SL-24-104	1379838.60	477843.64	.16	.50	TH-232	=	.50	.20
	FMP-SL-24-104	1379838.60	477843.64	.16	.50	U-238	<	17.00	
	FMP-SL-24-105	1379838.60	477843.64	.50	1.00	CS-137	<	.60	
	FMP-SL-24-105	1379838.60	477843.64	.50	1.00	RA-226	=	9.20	.90
	FMP-SL-24-105	1379838.60	477843.64	.50	1.00	RU-106	<	4.60	
	FMP-SL-24-105	1379838.60	477843.64	.50	1.00	TH-232	<	1.40	
	FMP-SL-24-105	1379838.60	477843.64	.50	1.00	U-238	<	19.30	
	FMP-SL-24-109	1379494.20	478053.14	.16	.50	CS-137	<	.80	
	FMP-SL-24-109	1379494.20	478053.14	.16	.50	RA-226	=	14.70	1.00
	FMP-SL-24-109	1379494.20	478053.14	.16	.50	RU-106	<	7.40	
	FMP-SL-24-109	1379494.20	478053.14	.16	.50	TH-232	<	4.90	
	FMP-SL-24-109	1379494.20	478053.14	.16	.50	U-238	=	9.90	5.70
	FMP-SL-24-110QC	1379494.20	478053.14	.16	.50	CS-137	<	.90	
	FMP-SL-24-110QC	1379494.20	478053.14	.16	.50	RA-226	=	12.40	1.00
	FMP-SL-24-110QC	1379494.20	478053.14	.16	.50	RU-106	<	.50	
	FMP-SL-24-110QC	1379494.20	478053.14	.16	.50	TH-232	<	2.40	
	FMP-SL-24-110QC	1379494.20	478053.14	.16	.50	U-238	<	15.30	
	FMP-SL-24-111	1379494.20	478053.14	.50	1.00	CS-137	<	.60	
	FMP-SL-24-111	1379494.20	478053.14	.50	1.00	RA-226	=	13.10	1.00
	FMP-SL-24-111	1379494.20	478053.14	.50	1.00	RU-106	<	10.10	
	FMP-SL-24-111	1379494.20	478053.14	.50	1.00	TH-232	<	3.50	
	FMP-SL-24-111	1379494.20	478053.14	.50	1.00	U-238	<	23.40	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	CS-137	<	2.90	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	RA-226	=	96.50	2.60
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	RU-106	<	10.00	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	TH-232	<	6.10	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	U-238	<	33.90	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-114	1379406.92	478080.54	.50	1.00	CS-137	<	2.30	
	FMP-SL-24-114	1379406.92	478080.54	.50	1.00	RA-226	=	84.80	2.50
	FMP-SL-24-114	1379406.92	478080.54	.50	1.00	RU-106	<	11.00	
	FMP-SL-24-114	1379406.92	478080.54	.50	1.00	TH-232	<	8.80	
	FMP-SL-24-114	1379406.92	478080.54	.50	1.00	U-238	<	49.30	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	CS-137	<	2.30	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	RA-226	=	60.10	2.30
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	RU-106	<	14.30	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	TH-232	<	7.40	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	U-238	<	48.20	
	FMP-SL-24-116D	1379324.06	478013.78	.16	.50	CS-137	<	1.90	
	FMP-SL-24-116D	1379324.06	478013.78	.16	.50	RA-226	=	62.60	2.00
	FMP-SL-24-116D	1379324.06	478013.78	.16	.50	RU-106	<	8.30	
	FMP-SL-24-116D	1379324.06	478013.78	.16	.50	TH-232	<	6.30	
	FMP-SL-24-116D	1379324.06	478013.78	.16	.50	U-238	<	26.40	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	CS-137	<	2.00	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	RA-226	=	52.70	2.10
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	RU-106	<	8.40	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	TH-232	<	3.30	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	U-238	=	33.40	10.00
	FMP-SL-24-118	1379324.06	478013.78	1.00	1.50	CS-137	<	1.90	
	FMP-SL-24-118	1379324.06	478013.78	1.00	1.50	RA-226	=	40.00	1.80
	FMP-SL-24-118	1379324.06	478013.78	1.00	1.50	RU-106	<	11.60	
	FMP-SL-24-118	1379324.06	478013.78	1.00	1.50	TH-232	<	3.20	
	FMP-SL-24-118	1379324.06	478013.78	1.00	1.50	U-238	=	15.40	10.00
	FMP-SL-24-119QC	1379324.06	478013.78	1.00	1.50	CS-137	<	.90	
	FMP-SL-24-119QC	1379324.06	478013.78	1.00	1.50	RA-226	=	29.90	1.40
	FMP-SL-24-119QC	1379324.06	478013.78	1.00	1.50	RU-106	<	14.70	
	FMP-SL-24-119QC	1379324.06	478013.78	1.00	1.50	TH-232	<	5.00	
	FMP-SL-24-119QC	1379324.06	478013.78	1.00	1.50	U-238	=	19.00	8.00
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	CS-137	<	2.00	
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	RA-226	=	3.20	1.20
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	RU-106	<	10.70	
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	TH-232	=	43.60	4.80
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	U-238	=	40.70	15.00
	FMP-SL-24-122	1379305.59	478033.29	.50	1.00	CS-137	<	1.00	
	FMP-SL-24-122	1379305.59	478033.29	.50	1.00	RA-226	=	1.70	.70
	FMP-SL-24-122	1379305.59	478033.29	.50	1.00	RU-106	<	18.10	
	FMP-SL-24-122	1379305.59	478033.29	.50	1.00	TH-232	=	27.90	1.60
	FMP-SL-24-122	1379305.59	478033.29	.50	1.00	U-238	=	52.20	11.00
	FMP-SL-24-124	1379640.73	477924.08	.16	.50	CS-137	<	2.20	
	FMP-SL-24-124	1379640.73	477924.08	.16	.50	RA-226	=	94.90	2.70
	FMP-SL-24-124	1379640.73	477924.08	.16	.50	RU-106	<	17.50	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-124	1379640.73	477924.08	.16	.50	TH-232	<	6.10	
	FMP-SL-24-124	1379640.73	477924.08	.16	.50	U-238	<	35.10	
	FMP-SL-24-125	1379640.73	477924.08	.50	1.00	CS-137	<	.70	
	FMP-SL-24-125	1379640.73	477924.08	.50	1.00	RA-226	=	17.10	1.60
	FMP-SL-24-125	1379640.73	477924.08	.50	1.00	RU-106	<	9.00	
	FMP-SL-24-125	1379640.73	477924.08	.50	1.00	TH-232	<	2.10	
	FMP-SL-24-125	1379640.73	477924.08	.50	1.00	U-238	<	29.00	
	FMP-SL-24-126D	1379679.08	477973.05	.00	.16	CS-137	<	1.50	
	FMP-SL-24-126D	1379679.08	477973.05	.00	.16	RA-226	=	14.60	1.10
	FMP-SL-24-126D	1379679.08	477973.05	.00	.16	RU-106	<	3.40	
	FMP-SL-24-126D	1379679.08	477973.05	.00	.16	TH-232	<	4.50	
	FMP-SL-24-126D	1379679.08	477973.05	.00	.16	U-238	<	27.20	
	FMP-SL-24-127	1379679.08	477973.05	.16	.50	CS-137	<	1.40	
	FMP-SL-24-127	1379679.08	477973.05	.16	.50	RA-226	=	18.30	1.20
	FMP-SL-24-127	1379679.08	477973.05	.16	.50	RU-106	<	10.70	
	FMP-SL-24-127	1379679.08	477973.05	.16	.50	TH-232	<	5.00	
	FMP-SL-24-127	1379679.08	477973.05	.16	.50	U-238	<	28.70	
	FMP-SL-24-128QC	1379679.08	477973.05	.16	.50	CS-137	<	1.70	
	FMP-SL-24-128QC	1379679.08	477973.05	.16	.50	RA-226	=	19.20	1.40
	FMP-SL-24-128QC	1379679.08	477973.05	.16	.50	RU-106	<	9.60	
	FMP-SL-24-128QC	1379679.08	477973.05	.16	.50	TH-232	<	6.10	
	FMP-SL-24-128QC	1379679.08	477973.05	.16	.50	U-238	<	16.60	
	FMP-SL-24-130	1379635.78	477999.24	.16	.50	CS-137	<	1.20	
	FMP-SL-24-130	1379635.78	477999.24	.16	.50	RA-226	=	14.00	.90
	FMP-SL-24-130	1379635.78	477999.24	.16	.50	RU-106	<	7.50	
	FMP-SL-24-130	1379635.78	477999.24	.16	.50	TH-232	<	4.70	
	FMP-SL-24-130	1379635.78	477999.24	.16	.50	U-238	<	14.30	
	FMP-SL-24-131	1379635.78	477999.24	.50	1.00	CS-137	<	.40	
	FMP-SL-24-131	1379635.78	477999.24	.50	1.00	RA-226	=	6.90	.70
	FMP-SL-24-131	1379635.78	477999.24	.50	1.00	RU-106	<	7.50	
	FMP-SL-24-131	1379635.78	477999.24	.50	1.00	TH-232	<	3.80	
	FMP-SL-24-131	1379635.78	477999.24	.50	1.00	U-238	<	8.30	
	FMP-SL-24-132QC	1379635.78	477999.24	.50	1.00	CS-137	<	.70	
	FMP-SL-24-132QC	1379635.78	477999.24	.50	1.00	RA-226	=	11.50	.90
	FMP-SL-24-132QC	1379635.78	477999.24	.50	1.00	RU-106	<	7.60	
	FMP-SL-24-132QC	1379635.78	477999.24	.50	1.00	TH-232	<	2.00	
	FMP-SL-24-132QC	1379635.78	477999.24	.50	1.00	U-238	<	13.70	
	FMP-SL-24-134	1379584.30	477945.63	.50	1.00	CS-137	<	1.20	
	FMP-SL-24-134	1379584.30	477945.63	.50	1.00	RA-226	=	38.60	1.60
	FMP-SL-24-134	1379584.30	477945.63	.50	1.00	RU-106	<	11.40	
	FMP-SL-24-134	1379584.30	477945.63	.50	1.00	TH-232	<	5.00	
	FMP-SL-24-134	1379584.30	477945.63	.50	1.00	U-238	<	20.90	
	FMP-SL-24-135	1379584.30	477945.63	1.00	1.50	CS-137	<	.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-135	1379584.30	477945.63	1.00	1.50	RA-226	=	15.00	1.10
	FMP-SL-24-135	1379584.30	477945.63	1.00	1.50	RU-106	<	6.70	
	FMP-SL-24-135	1379584.30	477945.63	1.00	1.50	TH-232	<	2.80	
	FMP-SL-24-135	1379584.30	477945.63	1.00	1.50	U-238	<	24.70	
	FMP-SL-24-136D	1379584.30	477945.63	1.00	1.50	CS-137	<	1.00	
	FMP-SL-24-136D	1379584.30	477945.63	1.00	1.50	RA-226	=	19.70	1.20
	FMP-SL-24-136D	1379584.30	477945.63	1.00	1.50	RU-106	<	8.20	
	FMP-SL-24-136D	1379584.30	477945.63	1.00	1.50	TH-232	<	2.60	
	FMP-SL-24-136D	1379584.30	477945.63	1.00	1.50	U-238	<	28.50	
	FMP-SL-24-136QC	1379584.30	477945.63	1.00	1.50	CS-137	<	1.40	
	FMP-SL-24-136QC	1379584.30	477945.63	1.00	1.50	RA-226	=	18.20	1.40
	FMP-SL-24-136QC	1379584.30	477945.63	1.00	1.50	RU-106	<	4.10	
	FMP-SL-24-136QC	1379584.30	477945.63	1.00	1.50	TH-232	<	3.80	
	FMP-SL-24-136QC	1379584.30	477945.63	1.00	1.50	U-238	<	26.30	
	FMP-SL-24-138	1378954.35	477992.88	.16	.50	CS-137	<	.90	
	FMP-SL-24-138	1378954.35	477992.88	.16	.50	RA-226	<	2.20	
	FMP-SL-24-138	1378954.35	477992.88	.16	.50	RU-106	<	5.70	
	FMP-SL-24-138	1378954.35	477992.88	.16	.50	TH-232	=	4.30	.80
	FMP-SL-24-138	1378954.35	477992.88	.16	.50	U-238	=	37.10	5.70
	FMP-SL-24-139	1378954.35	477992.88	.50	1.00	CS-137	<	.50	
	FMP-SL-24-139	1378954.35	477992.88	.50	1.00	RA-226	<	1.20	
	FMP-SL-24-139	1378954.35	477992.88	.50	1.00	RU-106	<	4.10	
	FMP-SL-24-139	1378954.35	477992.88	.50	1.00	TH-232	=	3.00	.60
	FMP-SL-24-139	1378954.35	477992.88	.50	1.00	U-238	=	25.70	6.40
	FMP-SL-24-141	1379136.57	478034.91	.16	.50	CS-137	<	1.40	
	FMP-SL-24-141	1379136.57	478034.91	.16	.50	RA-226	<	1.70	
	FMP-SL-24-141	1379136.57	478034.91	.16	.50	RU-106	<	12.30	
	FMP-SL-24-141	1379136.57	478034.91	.16	.50	TH-232	=	32.60	3.90
	FMP-SL-24-141	1379136.57	478034.91	.16	.50	U-238	<	34.00	
	FMP-SL-24-143	1379136.13	478018.92	.16	.50	CS-137	<	2.00	
	FMP-SL-24-143	1379136.13	478018.92	.16	.50	RA-226	=	3.60	2.40
	FMP-SL-24-143	1379136.13	478018.92	.16	.50	RU-106	<	14.00	
	FMP-SL-24-143	1379136.13	478018.92	.16	.50	TH-232	=	51.70	6.00
	FMP-SL-24-143	1379136.13	478018.92	.16	.50	U-238	<	25.20	
	FMP-SL-24-145	1379093.67	478039.09	.16	.50	CS-137	<	.90	
	FMP-SL-24-145	1379093.67	478039.09	.16	.50	RA-226	=	7.40	.80
	FMP-SL-24-145	1379093.67	478039.09	.16	.50	RU-106	<	6.80	
	FMP-SL-24-145	1379093.67	478039.09	.16	.50	TH-232	=	3.30	1.00
	FMP-SL-24-145	1379093.67	478039.09	.16	.50	U-238	=	11.70	6.40
	FMP-SL-24-147	1379728.73	477959.69	.16	.50	CS-137	<	.40	
	FMP-SL-24-147	1379728.73	477959.69	.16	.50	RA-226	=	12.20	.80
	FMP-SL-24-147	1379728.73	477959.69	.16	.50	RU-106	<	1.70	
	FMP-SL-24-147	1379728.73	477959.69	.16	.50	TH-232	=	1.80	.60

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-147	1379728.73	477959.69	.16	.50	U-238	<	17.40	
	FMP-SL-24-149	1379747.04	477934.17	.16	.50	CS-137	<	1.00	
	FMP-SL-24-149	1379747.04	477934.17	.16	.50	RA-226	=	8.20	.90
	FMP-SL-24-149	1379747.04	477934.17	.16	.50	RU-106	<	5.70	
	FMP-SL-24-149	1379747.04	477934.17	.16	.50	TH-232	<	2.90	
	FMP-SL-24-149	1379747.04	477934.17	.16	.50	U-238	<	17.00	
	FMP-SL-24-150QC	1379747.04	477934.17	.16	.50	CS-137	<	.80	
	FMP-SL-24-150QC	1379747.04	477934.17	.16	.50	RA-226	=	7.70	.90
	FMP-SL-24-150QC	1379747.04	477934.17	.16	.50	RU-106	<	3.50	
	FMP-SL-24-150QC	1379747.04	477934.17	.16	.50	TH-232	<	1.90	
	FMP-SL-24-150QC	1379747.04	477934.17	.16	.50	U-238	<	9.20	
	FMP-SL-24-152	1379697.91	477966.53	.16	.50	CS-137	<	.80	
	FMP-SL-24-152	1379697.91	477966.53	.16	.50	RA-226	=	31.50	1.20
	FMP-SL-24-152	1379697.91	477966.53	.16	.50	RU-106	<	10.20	
	FMP-SL-24-152	1379697.91	477966.53	.16	.50	TH-232	<	4.40	
	FMP-SL-24-152	1379697.91	477966.53	.16	.50	U-238	<	14.50	
	FMP-SL-24-153QC	1379697.91	477966.53	.16	.50	CS-137	<	.70	
	FMP-SL-24-153QC	1379697.91	477966.53	.16	.50	RA-226	=	27.30	1.30
	FMP-SL-24-153QC	1379697.91	477966.53	.16	.50	RU-106	<	10.70	
	FMP-SL-24-153QC	1379697.91	477966.53	.16	.50	TH-232	<	3.10	
	FMP-SL-24-153QC	1379697.91	477966.53	.16	.50	U-238	<	13.60	
	FMP-SL-24-154	1379697.91	477966.53	.50	1.00	CS-137	<	.40	
	FMP-SL-24-154	1379697.91	477966.53	.50	1.00	RA-226	=	4.10	.60
	FMP-SL-24-154	1379697.91	477966.53	.50	1.00	RU-106	<	5.10	
	FMP-SL-24-154	1379697.91	477966.53	.50	1.00	TH-232	<	2.60	
	FMP-SL-24-154	1379697.91	477966.53	.50	1.00	U-238	<	8.90	
	FMP-SL-24-155QC	1379697.91	477966.53	.50	1.00	CS-137	<	.40	
	FMP-SL-24-155QC	1379697.91	477966.53	.50	1.00	RA-226	=	4.00	.50
	FMP-SL-24-155QC	1379697.91	477966.53	.50	1.00	RU-106	<	3.70	
	FMP-SL-24-155QC	1379697.91	477966.53	.50	1.00	TH-232	<	1.60	
	FMP-SL-24-155QC	1379697.91	477966.53	.50	1.00	U-238	=	4.00	2.80
	FMP-SL-24-157	1379509.13	477940.69	.16	.50	CS-137	<	.50	
	FMP-SL-24-157	1379509.13	477940.69	.16	.50	RA-226	=	9.20	.90
	FMP-SL-24-157	1379509.13	477940.69	.16	.50	RU-106	<	6.60	
	FMP-SL-24-157	1379509.13	477940.69	.16	.50	TH-232	=	2.30	.70
	FMP-SL-24-157	1379509.13	477940.69	.16	.50	U-238	<	19.80	
	FMP-SL-24-160	1379599.31	478019.25	.16	.50	CS-137	<	1.10	
	FMP-SL-24-160	1379599.31	478019.25	.16	.50	RA-226	=	12.50	.90
	FMP-SL-24-160	1379599.31	478019.25	.16	.50	RU-106	<	5.10	
	FMP-SL-24-160	1379599.31	478019.25	.16	.50	TH-232	<	5.30	
	FMP-SL-24-160	1379599.31	478019.25	.16	.50	U-238	<	15.70	
	FMP-SL-24-161	1379599.31	478019.25	.50	1.00	CS-137	<	.90	
	FMP-SL-24-161	1379599.31	478019.25	.50	1.00	RA-226	=	12.80	.90

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-161	1379599.31	478019.25	.50	1.00	RU-106	<	4.50	
	FMP-SL-24-161	1379599.31	478019.25	.50	1.00	TH-232	<	3.80	
	FMP-SL-24-161	1379599.31	478019.25	.50	1.00	U-238	<	223.00	
	FMP-SL-24-163	1379717.07	477972.01	.16	.50	CS-137	<	.70	
	FMP-SL-24-163	1379717.07	477972.01	.16	.50	RA-226	=	15.80	.90
	FMP-SL-24-163	1379717.07	477972.01	.16	.50	RU-106	<	10.50	
	FMP-SL-24-163	1379717.07	477972.01	.16	.50	TH-232	<	4.90	
	FMP-SL-24-163	1379717.07	477972.01	.16	.50	U-238	<	33.10	
	FMP-SL-24-164	1379717.07	477972.01	.50	1.00	CS-137	<	.90	
	FMP-SL-24-164	1379717.07	477972.01	.50	1.00	RA-226	=	8.60	.70
	FMP-SL-24-164	1379717.07	477972.01	.50	1.00	RU-106	<	8.20	
	FMP-SL-24-164	1379717.07	477972.01	.50	1.00	TH-232	=	1.30	.80
	FMP-SL-24-164	1379717.07	477972.01	.50	1.00	U-238	<	23.50	
	FMP-SL-24-166	1379606.17	477830.99	.16	.50	CS-137	<	1.30	
	FMP-SL-24-166	1379606.17	477830.99	.16	.50	RA-226	=	4.20	.50
	FMP-SL-24-166	1379606.17	477830.99	.16	.50	RU-106	<	5.50	
	FMP-SL-24-166	1379606.17	477830.99	.16	.50	TH-232	=	1.10	.60
	FMP-SL-24-166	1379606.17	477830.99	.16	.50	U-238	<	18.10	
	FMP-SL-24-166D	1379606.17	477830.99	.16	.50	CS-137	<	.50	
	FMP-SL-24-166D	1379606.17	477830.99	.16	.50	RA-226	=	4.00	.60
	FMP-SL-24-166D	1379606.17	477830.99	.16	.50	RU-106	<	2.80	
	FMP-SL-24-166D	1379606.17	477830.99	.16	.50	TH-232	<	3.30	
	FMP-SL-24-166D	1379606.17	477830.99	.16	.50	U-238	<	14.00	
	FMP-SL-24-168	1379574.33	477800.85	.16	.50	CS-137	<	.90	
	FMP-SL-24-168	1379574.33	477800.85	.16	.50	RA-226	=	4.00	.40
	FMP-SL-24-168	1379574.33	477800.85	.16	.50	RU-106	<	8.20	
	FMP-SL-24-168	1379574.33	477800.85	.16	.50	TH-232	<	1.70	
	FMP-SL-24-168	1379574.33	477800.85	.16	.50	U-238	<	10.10	
	FMP-SL-24-169	1379574.33	477800.85	.50	1.00	CS-137	<	.20	
	FMP-SL-24-169	1379574.33	477800.85	.50	1.00	RA-226	=	2.60	.50
	FMP-SL-24-169	1379574.33	477800.85	.50	1.00	RU-106	<	9.50	
	FMP-SL-24-169	1379574.33	477800.85	.50	1.00	TH-232	<	.30	
	FMP-SL-24-169	1379574.33	477800.85	.50	1.00	U-238	<	16.80	
	FMP-SL-24-171	1379554.38	477766.38	.16	.50	CS-137	<	1.40	
	FMP-SL-24-171	1379554.38	477766.38	.16	.50	RA-226	=	10.10	.80
	FMP-SL-24-171	1379554.38	477766.38	.16	.50	RU-106	<	5.20	
	FMP-SL-24-171	1379554.38	477766.38	.16	.50	TH-232	<	2.60	
	FMP-SL-24-171	1379554.38	477766.38	.16	.50	U-238	<	28.50	
	FMP-SL-24-172	1379554.38	477766.38	.50	1.00	CS-137	<	.40	
	FMP-SL-24-172	1379554.38	477766.38	.50	1.00	RA-226	=	2.70	.50
	FMP-SL-24-172	1379554.38	477766.38	.50	1.00	RU-106	<	3.80	
	FMP-SL-24-172	1379554.38	477766.38	.50	1.00	TH-232	<	.30	
	FMP-SL-24-172	1379554.38	477766.38	.50	1.00	U-238	=	7.00	4.60

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-174	1379216.19	477873.68	.16	.50	CS-137	<	.50	
	FMP-SL-24-174	1379216.19	477873.68	.16	.50	RA-226	<	1.00	
	FMP-SL-24-174	1379216.19	477873.68	.16	.50	RU-106	<	6.40	
	FMP-SL-24-174	1379216.19	477873.68	.16	.50	TH-232	=	6.30	.70
	FMP-SL-24-174	1379216.19	477873.68	.16	.50	U-238	=	11.40	5.30
	FMP-SL-24-175	1379216.19	477873.68	.50	1.00	CS-137	<	.80	
	FMP-SL-24-175	1379216.19	477873.68	.50	1.00	RA-226	<	.80	
	FMP-SL-24-175	1379216.19	477873.68	.50	1.00	RU-106	<	11.40	
	FMP-SL-24-175	1379216.19	477873.68	.50	1.00	TH-232	=	5.50	.70
	FMP-SL-24-175	1379216.19	477873.68	.50	1.00	U-238	<	13.50	
	FMP-SL-24-177	1379207.52	477885.92	.16	.50	CS-137	<	.10	
	FMP-SL-24-177	1379207.52	477885.92	.16	.50	RA-226	=	1.10	.40
	FMP-SL-24-177	1379207.52	477885.92	.16	.50	RU-106	<	8.20	
	FMP-SL-24-177	1379207.52	477885.92	.16	.50	TH-232	=	4.40	.60
	FMP-SL-24-177	1379207.52	477885.92	.16	.50	U-238	<	23.10	
	FMP-SL-24-178	1379207.52	477885.92	.50	1.00	CS-137	<	1.80	
	FMP-SL-24-178	1379207.52	477885.92	.50	1.00	RA-226	<	1.20	
	FMP-SL-24-178	1379207.52	477885.92	.50	1.00	RU-106	<	12.90	
	FMP-SL-24-178	1379207.52	477885.92	.50	1.00	TH-232	=	13.40	.90
	FMP-SL-24-178	1379207.52	477885.92	.50	1.00	U-238	<	18.00	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	CS-137	<	2.40	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	RA-226	<	4.90	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	RU-106	<	22.90	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	TH-232	=	57.70	2.10
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	U-238	<	15.00	
	FMP-SL-24-181	1379206.51	477848.93	.16	.50	CS-137	<	.10	
	FMP-SL-24-181	1379206.51	477848.93	.16	.50	RA-226	<	1.40	
	FMP-SL-24-181	1379206.51	477848.93	.16	.50	RU-106	<	8.10	
	FMP-SL-24-181	1379206.51	477848.93	.16	.50	TH-232	=	1.20	.50
	FMP-SL-24-181	1379206.51	477848.93	.16	.50	U-238	=	2.10	1.50
	FMP-SL-24-182	1379206.51	477848.93	.50	1.00	CS-137	<	.80	
	FMP-SL-24-182	1379206.51	477848.93	.50	1.00	RA-226	<	1.50	
	FMP-SL-24-182	1379206.51	477848.93	.50	1.00	RU-106	<	8.60	
	FMP-SL-24-182	1379206.51	477848.93	.50	1.00	TH-232	=	4.90	.50
	FMP-SL-24-182	1379206.51	477848.93	.50	1.00	U-238	<	22.70	
	FMP-SL-24-184	1379212.77	477821.75	.16	.50	CS-137	<	1.80	
	FMP-SL-24-184	1379212.77	477821.75	.16	.50	RA-226	<	3.50	
	FMP-SL-24-184	1379212.77	477821.75	.16	.50	RU-106	<	11.10	
	FMP-SL-24-184	1379212.77	477821.75	.16	.50	TH-232	=	19.80	1.10
	FMP-SL-24-184	1379212.77	477821.75	.16	.50	U-238	<	36.70	
	FMP-SL-24-186	1379114.23	477876.47	.16	.50	CS-137	<	.10	
	FMP-SL-24-186	1379114.23	477876.47	.16	.50	RA-226	<	1.00	
	FMP-SL-24-186	1379114.23	477876.47	.16	.50	RU-106	<	6.50	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-186	1379114.23	477876.47	.16	.50	TH-232	=	.90	.40
	FMP-SL-24-186	1379114.23	477876.47	.16	.50	U-238	=	2.50	2.20
	FMP-SL-24-186D	1379114.23	477876.47	.16	.50	CS-137	<	.50	
	FMP-SL-24-186D	1379114.23	477876.47	.16	.50	RA-226	<	.70	
	FMP-SL-24-186D	1379114.23	477876.47	.16	.50	RU-106	<	7.90	
	FMP-SL-24-186D	1379114.23	477876.47	.16	.50	TH-232	<	.30	
	FMP-SL-24-186D	1379114.23	477876.47	.16	.50	U-238	<	6.50	
	FMP-SL-24-187	1379114.23	477876.47	.50	1.00	CS-137	<	.60	
	FMP-SL-24-187	1379114.23	477876.47	.50	1.00	RA-226	=	.80	.40
	FMP-SL-24-187	1379114.23	477876.47	.50	1.00	RU-106	<	3.70	
	FMP-SL-24-187	1379114.23	477876.47	.50	1.00	TH-232	=	3.80	.80
	FMP-SL-24-187	1379114.23	477876.47	.50	1.00	U-238	=	16.30	4.30
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	CS-137	<	1.10	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	RA-226	<	2.00	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	RU-106	<	7.10	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	TH-232	=	5.50	.70
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	U-238	=	33.80	6.40
	FMP-SL-24-190	1379509.12	478049.73	.16	.50	CS-137	<	1.30	
	FMP-SL-24-190	1379509.12	478049.73	.16	.50	RA-226	=	22.80	1.30
	FMP-SL-24-190	1379509.12	478049.73	.16	.50	RU-106	<	7.30	
	FMP-SL-24-190	1379509.12	478049.73	.16	.50	TH-232	<	3.20	
	FMP-SL-24-190	1379509.12	478049.73	.16	.50	U-238	<	22.50	
	FMP-SL-24-191	1379509.12	478049.73	.50	1.00	CS-137	<	.80	
	FMP-SL-24-191	1379509.12	478049.73	.50	1.00	RA-226	=	2.90	.50
	FMP-SL-24-191	1379509.12	478049.73	.50	1.00	RU-106	<	5.30	
	FMP-SL-24-191	1379509.12	478049.73	.50	1.00	TH-232	<	2.70	
	FMP-SL-24-191	1379509.12	478049.73	.50	1.00	U-238	=	17.30	8.90
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	CS-137	<	4.40	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	RA-226	=	266.00	3.50
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	RU-106	<	37.90	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	TH-232	<	8.50	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	U-238	<	70.00	
	FMP-SL-24-194	1379635.26	477980.25	.16	.50	CS-137	<	.70	
	FMP-SL-24-194	1379635.26	477980.25	.16	.50	RA-226	=	7.10	.80
	FMP-SL-24-194	1379635.26	477980.25	.16	.50	RU-106	<	7.90	
	FMP-SL-24-194	1379635.26	477980.25	.16	.50	TH-232	<	1.00	
	FMP-SL-24-194	1379635.26	477980.25	.16	.50	U-238	<	12.10	
	FMP-SL-24-195	1379635.26	477980.25	.50	1.00	CS-137	<	1.10	
	FMP-SL-24-195	1379635.26	477980.25	.50	1.00	RA-226	=	13.00	.80
	FMP-SL-24-195	1379635.26	477980.25	.50	1.00	RU-106	<	8.40	
	FMP-SL-24-195	1379635.26	477980.25	.50	1.00	TH-232	<	2.00	
	FMP-SL-24-195	1379635.26	477980.25	.50	1.00	U-238	<	22.40	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	CS-137	<	1.10	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-197	1379623.62	477993.57	.16	.50	RA-226	=	11.10	.80
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	RU-106	<	4.50	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	TH-232	<	5.50	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	U-238	=	38.20	6.30
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	CS-137	<	1.90	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	RA-226	=	55.50	2.00
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	RU-106	<	13.50	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	TH-232	<	7.60	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	U-238	<	48.10	
	FMP-SL-24-200QC	1379566.60	477957.12	.16	.50	CS-137	<	1.90	
	FMP-SL-24-200QC	1379566.60	477957.12	.16	.50	RA-226	=	44.80	2.00
	FMP-SL-24-200QC	1379566.60	477957.12	.16	.50	RU-106	<	18.50	
	FMP-SL-24-200QC	1379566.60	477957.12	.16	.50	TH-232	<	7.30	
	FMP-SL-24-200QC	1379566.60	477957.12	.16	.50	U-238	<	42.10	
	FMP-SL-24-202	1379273.15	477981.16	.16	.50	CS-137	<	.60	
	FMP-SL-24-202	1379273.15	477981.16	.16	.50	RA-226	=	.90	.50
	FMP-SL-24-202	1379273.15	477981.16	.16	.50	RU-106	<	12.20	
	FMP-SL-24-202	1379273.15	477981.16	.16	.50	TH-232	=	9.10	.80
	FMP-SL-24-202	1379273.15	477981.16	.16	.50	U-238	=	15.50	8.30
	FMP-SL-24-203	1379273.15	477981.16	.50	1.00	CS-137	<	1.60	
	FMP-SL-24-203	1379273.15	477981.16	.50	1.00	RA-226	<	2.50	
	FMP-SL-24-203	1379273.15	477981.16	.50	1.00	RU-106	<	8.70	
	FMP-SL-24-203	1379273.15	477981.16	.50	1.00	TH-232	=	21.40	1.40
	FMP-SL-24-203	1379273.15	477981.16	.50	1.00	U-238	<	20.60	
	FMP-SL-24-204	1379273.15	477981.16	1.00	1.50	CS-137	<	.90	
	FMP-SL-24-204	1379273.15	477981.16	1.00	1.50	RA-226	<	2.40	
	FMP-SL-24-204	1379273.15	477981.16	1.00	1.50	RU-106	<	5.50	
	FMP-SL-24-204	1379273.15	477981.16	1.00	1.50	TH-232	=	9.50	1.00
	FMP-SL-24-204	1379273.15	477981.16	1.00	1.50	U-238	<	16.30	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	CS-137	<	2.50	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	RA-226	=	53.30	2.20
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	RU-106	<	7.80	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	TH-232	<	7.90	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	U-238	<	28.20	
	FMP-SL-24-206D	1379341.69	477963.28	.16	.50	CS-137	<	2.10	
	FMP-SL-24-206D	1379341.69	477963.28	.16	.50	RA-226	=	53.10	2.20
	FMP-SL-24-206D	1379341.69	477963.28	.16	.50	RU-106	<	19.30	
	FMP-SL-24-206D	1379341.69	477963.28	.16	.50	TH-232	<	7.90	
	FMP-SL-24-206D	1379341.69	477963.28	.16	.50	U-238	<	26.50	
	FMP-SL-24-207	1379341.69	477963.28	.50	1.00	CS-137	<	.70	
	FMP-SL-24-207	1379341.69	477963.28	.50	1.00	RA-226	=	9.20	.90
	FMP-SL-24-207	1379341.69	477963.28	.50	1.00	RU-106	<	3.70	
	FMP-SL-24-207	1379341.69	477963.28	.50	1.00	TH-232	=	1.30	.60

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-207	1379341.69	477963.28	.50	1.00	U-238	<	12.60	
	FMP-SL-24-214	1378969.07	478128.53	.16	.50	CS-137	<	.70	
	FMP-SL-24-214	1378969.07	478128.53	.16	.50	RA-226	<	2.30	
	FMP-SL-24-214	1378969.07	478128.53	.16	.50	RU-106	<	2.80	
	FMP-SL-24-214	1378969.07	478128.53	.16	.50	TH-232	=	5.20	.70
	FMP-SL-24-214	1378969.07	478128.53	.16	.50	U-238	=	19.80	5.70
	FMP-SL-24-215QC	1378969.07	478128.53	.16	.50	CS-137	<	.60	
	FMP-SL-24-215QC	1378969.07	478128.53	.16	.50	RA-226	<	2.30	
	FMP-SL-24-215QC	1378969.07	478128.53	.16	.50	RU-106	<	10.50	
	FMP-SL-24-215QC	1378969.07	478128.53	.16	.50	TH-232	=	5.40	.70
	FMP-SL-24-215QC	1378969.07	478128.53	.16	.50	U-238	=	17.60	5.40
	FMP-SL-24-216	1378969.07	478128.53	.50	1.00	CS-137	<	.60	
	FMP-SL-24-216	1378969.07	478128.53	.50	1.00	RA-226	=	1.00	.40
	FMP-SL-24-216	1378969.07	478128.53	.50	1.00	RU-106	<	5.00	
	FMP-SL-24-216	1378969.07	478128.53	.50	1.00	TH-232	=	2.80	.60
	FMP-SL-24-216	1378969.07	478128.53	.50	1.00	U-238	=	17.30	3.80
	FMP-SL-24-216D	1378969.07	478128.53	.50	1.00	CS-137	<	.80	
	FMP-SL-24-216D	1378969.07	478128.53	.50	1.00	RA-226	=	.70	.50
	FMP-SL-24-216D	1378969.07	478128.53	.50	1.00	RU-106	<	4.50	
	FMP-SL-24-216D	1378969.07	478128.53	.50	1.00	TH-232	=	2.50	.50
	FMP-SL-24-216D	1378969.07	478128.53	.50	1.00	U-238	=	16.60	6.20
	FMP-SL-24-217QC	1378969.07	478128.53	.50	1.00	CS-137	<	.60	
	FMP-SL-24-217QC	1378969.07	478128.53	.50	1.00	RA-226	=	1.70	.50
	FMP-SL-24-217QC	1378969.07	478128.53	.50	1.00	RU-106	<	8.70	
	FMP-SL-24-217QC	1378969.07	478128.53	.50	1.00	TH-232	=	3.30	.60
	FMP-SL-24-217QC	1378969.07	478128.53	.50	1.00	U-238	=	17.50	4.30
	FMP-SL-24-218	1378969.07	478128.53	1.00	1.50	CS-137	<	1.30	
	FMP-SL-24-218	1378969.07	478128.53	1.00	1.50	RA-226	=	2.30	.70
	FMP-SL-24-218	1378969.07	478128.53	1.00	1.50	RU-106	<	11.30	
	FMP-SL-24-218	1378969.07	478128.53	1.00	1.50	TH-232	=	2.20	.80
	FMP-SL-24-218	1378969.07	478128.53	1.00	1.50	U-238	=	27.80	6.30
	FMP-SL-24-219	1378969.07	478128.53	1.50	2.00	CS-137	<	.40	
	FMP-SL-24-219	1378969.07	478128.53	1.50	2.00	RA-226	=	2.00	.50
	FMP-SL-24-219	1378969.07	478128.53	1.50	2.00	RU-106	<	8.30	
	FMP-SL-24-219	1378969.07	478128.53	1.50	2.00	TH-232	<	.50	
	FMP-SL-24-219	1378969.07	478128.53	1.50	2.00	U-238	=	37.90	6.60
	FMP-SL-24-222	1379156.85	478081.38	.16	.50	CS-137	<	.70	
	FMP-SL-24-222	1379156.85	478081.38	.16	.50	RA-226	=	1.40	.30
	FMP-SL-24-222	1379156.85	478081.38	.16	.50	RU-106	<	.50	
	FMP-SL-24-222	1379156.85	478081.38	.16	.50	TH-232	=	1.20	.60
	FMP-SL-24-222	1379156.85	478081.38	.16	.50	U-238	=	39.50	5.60
	FMP-SL-24-225	1378998.33	478210.76	.16	.50	CS-137	<	1.70	
	FMP-SL-24-225	1378998.33	478210.76	.16	.50	RA-226	=	41.30	1.90

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-225	1378998.33	478210.76	.16	.50	RU-106	<	21.00	
	FMP-SL-24-225	1378998.33	478210.76	.16	.50	TH-232	<	2.50	
	FMP-SL-24-225	1378998.33	478210.76	.16	.50	U-238	<	32.80	
	FMP-SL-24-226	1378998.33	478210.76	.50	1.00	CS-137	<	1.70	
	FMP-SL-24-226	1378998.33	478210.76	.50	1.00	RA-226	=	23.20	1.50
	FMP-SL-24-226	1378998.33	478210.76	.50	1.00	RU-106	<	6.00	
	FMP-SL-24-226	1378998.33	478210.76	.50	1.00	TH-232	=	2.30	1.60
	FMP-SL-24-226	1378998.33	478210.76	.50	1.00	U-238	=	5.20	3.20
	FMP-SL-24-226D	1378998.33	478210.76	.50	1.00	CS-137	<	1.40	
	FMP-SL-24-226D	1378998.33	478210.76	.50	1.00	RA-226	=	25.60	1.50
	FMP-SL-24-226D	1378998.33	478210.76	.50	1.00	RU-106	<	6.30	
	FMP-SL-24-226D	1378998.33	478210.76	.50	1.00	TH-232	<	8.60	
	FMP-SL-24-226D	1378998.33	478210.76	.50	1.00	U-238	<	32.70	
	FMP-SL-24-227	1378998.33	478210.76	1.00	1.50	CS-137	<	.10	
	FMP-SL-24-227	1378998.33	478210.76	1.00	1.50	RA-226	=	6.00	.80
	FMP-SL-24-227	1378998.33	478210.76	1.00	1.50	RU-106	<	.70	
	FMP-SL-24-227	1378998.33	478210.76	1.00	1.50	TH-232	<	5.70	
	FMP-SL-24-227	1378998.33	478210.76	1.00	1.50	U-238	<	23.50	
	FMP-SL-24-228	1379824.92	477819.00	.16	.50	CS-137	<	.80	
	FMP-SL-24-228	1379824.92	477819.00	.16	.50	RA-226	=	10.20	.90
	FMP-SL-24-228	1379824.92	477819.00	.16	.50	RU-106	<	6.70	
	FMP-SL-24-228	1379824.92	477819.00	.16	.50	TH-232	=	2.10	.90
	FMP-SL-24-228	1379824.92	477819.00	.16	.50	U-238	<	22.40	
	FMP-SL-24-230	1379474.47	478026.67	.16	.50	CS-137	<	.70	
	FMP-SL-24-230	1379474.47	478026.67	.16	.50	RA-226	=	10.10	1.10
	FMP-SL-24-230	1379474.47	478026.67	.16	.50	RU-106	<	8.50	
	FMP-SL-24-230	1379474.47	478026.67	.16	.50	TH-232	<	2.40	
	FMP-SL-24-230	1379474.47	478026.67	.16	.50	U-238	<	26.70	
	FMP-SL-24-231QC	1379474.47	478026.67	.16	.50	CS-137	<	1.30	
	FMP-SL-24-231QC	1379474.47	478026.67	.16	.50	RA-226	=	9.80	1.10
	FMP-SL-24-231QC	1379474.47	478026.67	.16	.50	RU-106	<	164.00	
	FMP-SL-24-231QC	1379474.47	478026.67	.16	.50	TH-232	<	2.60	
	FMP-SL-24-231QC	1379474.47	478026.67	.16	.50	U-238	<	14.70	
	FMP-SL-24-233	1379430.90	478042.87	.16	.50	CS-137	<	1.60	
	FMP-SL-24-233	1379430.90	478042.87	.16	.50	RA-226	=	19.70	1.30
	FMP-SL-24-233	1379430.90	478042.87	.16	.50	RU-106	<	12.90	
	FMP-SL-24-233	1379430.90	478042.87	.16	.50	TH-232	<	8.30	
	FMP-SL-24-233	1379430.90	478042.87	.16	.50	U-238	=	32.00	12.00
	FMP-SL-24-234QC	1379430.90	478042.87	.16	.50	CS-137	<	1.30	
	FMP-SL-24-234QC	1379430.90	478042.87	.16	.50	RA-226	=	17.70	1.30
	FMP-SL-24-234QC	1379430.90	478042.87	.16	.50	RU-106	<	11.80	
	FMP-SL-24-234QC	1379430.90	478042.87	.16	.50	TH-232	<	3.10	
	FMP-SL-24-234QC	1379430.90	478042.87	.16	.50	U-238	=	27.40	10.90

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-236	1379423.53	477993.05	.16	.42	CS-137	<	2.10	
	FMP-SL-24-236	1379423.53	477993.05	.16	.42	RA-226	=	18.90	1.60
	FMP-SL-24-236	1379423.53	477993.05	.16	.42	RU-106	<	16.90	
	FMP-SL-24-236	1379423.53	477993.05	.16	.42	TH-232	=	23.50	2.00
	FMP-SL-24-236	1379423.53	477993.05	.16	.42	U-238	<	29.60	
	FMP-SL-24-236D	1379423.53	477993.05	.16	.42	CS-137	<	2.60	
	FMP-SL-24-236D	1379423.53	477993.05	.16	.42	RA-226	=	18.10	1.50
	FMP-SL-24-236D	1379423.53	477993.05	.16	.42	RU-106	<	12.70	
	FMP-SL-24-236D	1379423.53	477993.05	.16	.42	TH-232	=	26.00	1.60
	FMP-SL-24-236D	1379423.53	477993.05	.16	.42	U-238	=	29.40	10.20
	FMP-SL-24-239	1379580.00	477788.69	.16	.50	CS-137	<	1.30	
	FMP-SL-24-239	1379580.00	477788.69	.16	.50	RA-226	=	7.50	.70
	FMP-SL-24-239	1379580.00	477788.69	.16	.50	RU-106	<	12.60	
	FMP-SL-24-239	1379580.00	477788.69	.16	.50	TH-232	=	9.60	1.00
	FMP-SL-24-239	1379580.00	477788.69	.16	.50	U-238	<	20.60	
	FMP-SL-24-240QC	1379580.00	477788.69	.16	.50	CS-137	<	1.20	
	FMP-SL-24-240QC	1379580.00	477788.69	.16	.50	RA-226	=	7.70	.80
	FMP-SL-24-240QC	1379580.00	477788.69	.16	.50	RU-106	<	8.30	
	FMP-SL-24-240QC	1379580.00	477788.69	.16	.50	TH-232	<	5.80	
	FMP-SL-24-240QC	1379580.00	477788.69	.16	.50	U-238	=	4.80	2.60
	FMP-SL-24-246	1379478.23	477944.53	.16	.50	CS-137	<	1.30	
	FMP-SL-24-246	1379478.23	477944.53	.16	.50	RA-226	=	22.90	1.40
	FMP-SL-24-246	1379478.23	477944.53	.16	.50	RU-106	<	11.90	
	FMP-SL-24-246	1379478.23	477944.53	.16	.50	TH-232	<	5.50	
	FMP-SL-24-246	1379478.23	477944.53	.16	.50	U-238	<	19.40	
	FMP-SL-24-246D	1379478.23	477944.53	.16	.50	CS-137	<	1.40	
	FMP-SL-24-246D	1379478.23	477944.53	.16	.50	RA-226	=	23.70	1.30
	FMP-SL-24-246D	1379478.23	477944.53	.16	.50	RU-106	<	13.20	
	FMP-SL-24-246D	1379478.23	477944.53	.16	.50	U-238	<	35.00	
	FMP-SL-24-247	1379478.23	477944.53	.50	1.00	CS-137	<	2.00	
	FMP-SL-24-247	1379478.23	477944.53	.50	1.00	RA-226	=	18.80	1.20
	FMP-SL-24-247	1379478.23	477944.53	.50	1.00	RU-106	<	15.00	
	FMP-SL-24-247	1379478.23	477944.53	.50	1.00	TH-232	<	3.80	
	FMP-SL-24-247	1379478.23	477944.53	.50	1.00	U-238	<	17.20	
	FMP-SL-24-248QC	1379478.23	477944.53	.50	1.00	CS-137	<	1.10	
	FMP-SL-24-248QC	1379478.23	477944.53	.50	1.00	RA-226	=	27.10	1.40
	FMP-SL-24-248QC	1379478.23	477944.53	.50	1.00	RU-106	<	16.70	
	FMP-SL-24-248QC	1379478.23	477944.53	.50	1.00	TH-232	<	4.20	
	FMP-SL-24-248QC	1379478.23	477944.53	.50	1.00	U-238	<	36.50	
	FMP-SL-24-250	1379492.15	477978.17	.16	.50	CS-137	<	1.20	
	FMP-SL-24-250	1379492.15	477978.17	.16	.50	RA-226	=	6.60	.90
	FMP-SL-24-250	1379492.15	477978.17	.16	.50	RU-106	<	15.50	
	FMP-SL-24-250	1379492.15	477978.17	.16	.50	TH-232	=	2.80	.80

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-250	1379492.15	477978.17	.16	.50	U-238	=	15.30	5.60
	FMP-SL-24-252	1379536.67	478032.97	.16	.50	CS-137	<	.70	
	FMP-SL-24-252	1379536.67	478032.97	.16	.50	RA-226	=	9.00	.90
	FMP-SL-24-252	1379536.67	478032.97	.16	.50	RU-106	<	6.90	
	FMP-SL-24-252	1379536.67	478032.97	.16	.50	TH-232	<	1.60	
	FMP-SL-24-252	1379536.67	478032.97	.16	.50	U-238	<	22.20	
	FMP-SL-24-254	1379484.63	477959.36	.16	.50	CS-137	<	1.40	
	FMP-SL-24-254	1379484.63	477959.36	.16	.50	RA-226	=	24.60	1.40
	FMP-SL-24-254	1379484.63	477959.36	.16	.50	RU-106	<	11.10	
	FMP-SL-24-254	1379484.63	477959.36	.16	.50	TH-232	<	2.80	
	FMP-SL-24-254	1379484.63	477959.36	.16	.50	U-238	<	14.60	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	CS-137	<	1.10	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	RA-226	=	40.90	1.60
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	RU-106	<	14.00	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	TH-232	<	2.90	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	U-238	<	33.20	
	FMP-SL-24-256D	1379484.63	477959.36	.50	1.00	CS-137	<	1.40	
	FMP-SL-24-256D	1379484.63	477959.36	.50	1.00	RA-226	=	32.30	1.50
	FMP-SL-24-256D	1379484.63	477959.36	.50	1.00	RU-106	<	13.80	
	FMP-SL-24-256D	1379484.63	477959.36	.50	1.00	TH-232	<	3.00	
	FMP-SL-24-256D	1379484.63	477959.36	.50	1.00	U-238	<	28.50	
	FMP-SL-24-256QC	1379484.63	477959.36	.50	1.00	CS-137	<	13.00	
	FMP-SL-24-256QC	1379484.63	477959.36	.50	1.00	RA-226	=	32.70	1.50
	FMP-SL-24-256QC	1379484.63	477959.36	.50	1.00	RU-106	<	9.50	
	FMP-SL-24-256QC	1379484.63	477959.36	.50	1.00	TH-232	<	6.40	
	FMP-SL-24-256QC	1379484.63	477959.36	.50	1.00	U-238	<	16.30	
	FMP-SL-24-258	1379503.82	477965.84	.16	.50	CS-137	<	1.70	
	FMP-SL-24-258	1379503.82	477965.84	.16	.50	RA-226	=	47.50	1.70
	FMP-SL-24-258	1379503.82	477965.84	.16	.50	RU-106	<	13.20	
	FMP-SL-24-258	1379503.82	477965.84	.16	.50	TH-232	<	6.70	
	FMP-SL-24-258	1379503.82	477965.84	.16	.50	U-238	<	34.40	
	FMP-SL-24-259	1379503.82	477965.84	.50	1.00	CS-137	<	1.30	
	FMP-SL-24-259	1379503.82	477965.84	.50	1.00	RA-226	=	49.10	1.70
	FMP-SL-24-259	1379503.82	477965.84	.50	1.00	RU-106	<	14.00	
	FMP-SL-24-259	1379503.82	477965.84	.50	1.00	TH-232	<	6.30	
	FMP-SL-24-259	1379503.82	477965.84	.50	1.00	U-238	<	18.50	
	FMP-SL-24-261	1379531.82	478002.09	.16	.50	CS-137	<	1.60	
	FMP-SL-24-261	1379531.82	478002.09	.16	.50	RA-226	=	24.50	1.50
	FMP-SL-24-261	1379531.82	478002.09	.16	.50	RU-106	<	5.70	
	FMP-SL-24-261	1379531.82	478002.09	.16	.50	TH-232	<	5.90	
	FMP-SL-24-261	1379531.82	478002.09	.16	.50	U-238	<	15.30	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	CS-137	<	1.60	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	RA-226	=	67.00	2.20

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	RU-106	<	8.70	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	TH-232	<	3.50	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	U-238	<	39.50	
	FMP-SL-24-263	1379531.82	478002.09	1.00	1.50	CS-137	<	2.10	
	FMP-SL-24-263	1379531.82	478002.09	1.00	1.50	RA-226	=	84.30	22.00
	FMP-SL-24-263	1379531.82	478002.09	1.00	1.50	RU-106	<	17.20	
	FMP-SL-24-263	1379531.82	478002.09	1.00	1.50	TH-232	<	4.80	
	FMP-SL-24-263	1379531.82	478002.09	1.00	1.50	U-238	<	24.20	
	FMP-SS-24-001	1379251.66	478109.79	.00	.16	CS-137	=	.50	.20
	FMP-SS-24-001	1379251.66	478109.79	.00	.16	RA-226	<	1.10	
	FMP-SS-24-001	1379251.66	478109.79	.00	.16	RU-106	<	5.50	
	FMP-SS-24-001	1379251.66	478109.79	.00	.16	TH-232	=	1.00	.40
	FMP-SS-24-001	1379251.66	478109.79	.00	.16	U-238	=	27.90	4.70
	FMP-SS-24-002	1379500.20	478052.97	.00	.16	CS-137	<	.30	
	FMP-SS-24-002	1379500.20	478052.97	.00	.16	RA-226	=	1.80	.60
	FMP-SS-24-002	1379500.20	478052.97	.00	.16	RU-106	<	4.10	
	FMP-SS-24-002	1379500.20	478052.97	.00	.16	TH-232	<	2.80	
	FMP-SS-24-002	1379500.20	478052.97	.00	.16	U-238	=	6.10	3.40
	FMP-SS-24-002D	1379500.20	478052.97	.00	.16	CS-137	=	.50	.20
	FMP-SS-24-002D	1379500.20	478052.97	.00	.16	RA-226	=	2.10	.80
	FMP-SS-24-002D	1379500.20	478052.97	.00	.16	RU-106	<	4.00	
	FMP-SS-24-002D	1379500.20	478052.97	.00	.16	TH-232	<	.90	
	FMP-SS-24-002D	1379500.20	478052.97	.00	.16	U-238	=	6.90	2.70
	FMP-SS-24-003	1378899.06	478019.41	.00	.16	CS-137	=	.50	.40
	FMP-SS-24-003	1378899.06	478019.41	.00	.16	RA-226	=	1.90	.60
	FMP-SS-24-003	1378899.06	478019.41	.00	.16	RU-106	<	1.00	
	FMP-SS-24-003	1378899.06	478019.41	.00	.16	TH-232	=	2.10	.60
	FMP-SS-24-003	1378899.06	478019.41	.00	.16	U-238	=	7.70	3.40
	FMP-SS-24-004Q	1378899.06	478019.41	.00	.16	CS-137	<	.10	
	FMP-SS-24-004Q	1378899.06	478019.41	.00	.16	RA-226	=	2.00	.60
	FMP-SS-24-004Q	1378899.06	478019.41	.00	.16	RU-106	<	1.00	
	FMP-SS-24-004Q	1378899.06	478019.41	.00	.16	TH-232	=	1.60	.60
	FMP-SS-24-004Q	1378899.06	478019.41	.00	.16	U-238	<	4.00	
	FMP-SS-24-005	1379098.98	478013.94	.00	.16	CS-137	=	.70	.30
	FMP-SS-24-005	1379098.98	478013.94	.00	.16	RA-226	=	2.00	.60
	FMP-SS-24-005	1379098.98	478013.94	.00	.16	RU-106	<	.70	
	FMP-SS-24-005	1379098.98	478013.94	.00	.16	TH-232	=	1.20	.50
	FMP-SS-24-005	1379098.98	478013.94	.00	.16	U-238	=	5.50	2.40
	FMP-SS-24-006	1379148.96	478012.57	.00	.16	CS-137	=	.60	.50
	FMP-SS-24-006	1379148.96	478012.57	.00	.16	RA-226	=	1.50	.70
	FMP-SS-24-006	1379148.96	478012.57	.00	.16	RU-106	<	6.20	
	FMP-SS-24-006	1379148.96	478012.57	.00	.16	TH-232	=	9.60	1.10
	FMP-SS-24-006	1379148.96	478012.57	.00	.16	U-238	<	14.90	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-007	1379198.94	478011.20	.00	.16	CS-137	<	.60	
	FMP-SS-24-007	1379198.94	478011.20	.00	.16	RA-226	<	.80	
	FMP-SS-24-007	1379198.94	478011.20	.00	.16	RU-106	<	6.30	
	FMP-SS-24-007	1379198.94	478011.20	.00	.16	TH-232	=	.80	.40
	FMP-SS-24-007	1379198.94	478011.20	.00	.16	U-238	=	16.50	3.20
	FMP-SS-24-008	1379248.93	478009.83	.00	.16	CS-137	<	.70	
	FMP-SS-24-008	1379248.93	478009.83	.00	.16	RA-226	<	1.80	
	FMP-SS-24-008	1379248.93	478009.83	.00	.16	RU-106	<	6.50	
	FMP-SS-24-008	1379248.93	478009.83	.00	.16	TH-232	<	1.40	
	FMP-SS-24-008	1379248.93	478009.83	.00	.16	U-238	=	30.30	5.00
	FMP-SS-24-009	1379498.83	478002.99	.00	.16	CS-137	<	.90	
	FMP-SS-24-009	1379498.83	478002.99	.00	.16	RA-226	=	7.90	.70
	FMP-SS-24-009	1379498.83	478002.99	.00	.16	RU-106	<	4.00	
	FMP-SS-24-009	1379498.83	478002.99	.00	.16	TH-232	<	2.60	
	FMP-SS-24-009	1379498.83	478002.99	.00	.16	U-238	<	11.50	
	FMP-SS-24-010	1379548.81	478001.62	.00	.16	CS-137	<	.10	
	FMP-SS-24-010	1379548.81	478001.62	.00	.16	RA-226	=	2.90	.70
	FMP-SS-24-010	1379548.81	478001.62	.00	.16	RU-106	<	4.00	
	FMP-SS-24-010	1379548.81	478001.62	.00	.16	TH-232	<	2.90	
	FMP-SS-24-010	1379548.81	478001.62	.00	.16	U-238	<	16.30	
	FMP-SS-24-011	1379598.80	478000.26	.00	.16	CS-137	<	.40	
	FMP-SS-24-011	1379598.80	478000.26	.00	.16	RA-226	=	7.20	.90
	FMP-SS-24-011	1379598.80	478000.26	.00	.16	RU-106	<	5.00	
	FMP-SS-24-011	1379598.80	478000.26	.00	.16	TH-232	<	3.00	
	FMP-SS-24-011	1379598.80	478000.26	.00	.16	U-238	<	9.50	
	FMP-SS-24-012	1379648.78	477998.89	.00	.16	CS-137	<	.80	
	FMP-SS-24-012	1379648.78	477998.89	.00	.16	RA-226	=	2.70	.50
	FMP-SS-24-012	1379648.78	477998.89	.00	.16	RU-106	<	4.50	
	FMP-SS-24-012	1379648.78	477998.89	.00	.16	TH-232	<	1.20	
	FMP-SS-24-012	1379648.78	477998.89	.00	.16	U-238	=	7.80	3.90
	FMP-SS-24-012D	1379648.78	477998.89	.00	.16	CS-137	<	.80	
	FMP-SS-24-012D	1379648.78	477998.89	.00	.16	RA-226	=	3.00	.50
	FMP-SS-24-012D	1379648.78	477998.89	.00	.16	RU-106	<	4.50	
	FMP-SS-24-012D	1379648.78	477998.89	.00	.16	TH-232	=	.80	.50
	FMP-SS-24-012D	1379648.78	477998.89	.00	.16	U-238	=	6.10	3.40
	FMP-SS-24-013	1379097.61	477963.95	.00	.16	CS-137	=	.60	.20
	FMP-SS-24-013	1379097.61	477963.95	.00	.16	RA-226	<	1.30	
	FMP-SS-24-013	1379097.61	477963.95	.00	.16	RU-106	<	9.80	
	FMP-SS-24-013	1379097.61	477963.95	.00	.16	TH-232	=	.80	.50
	FMP-SS-24-013	1379097.61	477963.95	.00	.16	U-238	=	4.40	2.70
	FMP-SS-24-014	1379347.52	477957.11	.00	.16	CS-137	<	1.10	
	FMP-SS-24-014	1379347.52	477957.11	.00	.16	RA-226	=	1.00	.60
	FMP-SS-24-014	1379347.52	477957.11	.00	.16	RU-106	<	7.40	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-014	1379347.52	477957.11	.00	.16	TH-232	=	1.40	.60
	FMP-SS-24-014	1379347.52	477957.11	.00	.16	U-238	=	6.10	3.20
	FMP-SS-24-015	1379497.46	477953.01	.00	.16	CS-137	<	.70	
	FMP-SS-24-015	1379497.46	477953.01	.00	.16	RA-226	=	5.70	.70
	FMP-SS-24-015	1379497.46	477953.01	.00	.16	RU-106	<	5.80	
	FMP-SS-24-015	1379497.46	477953.01	.00	.16	TH-232	<	1.50	
	FMP-SS-24-015	1379497.46	477953.01	.00	.16	U-238	<	9.90	
	FMP-SS-24-016	1379547.45	477951.64	.00	.16	CS-137	<	.60	
	FMP-SS-24-016	1379547.45	477951.64	.00	.16	RA-226	=	.80	.20
	FMP-SS-24-016	1379547.45	477951.64	.00	.16	RU-106	<	.50	
	FMP-SS-24-016	1379547.45	477951.64	.00	.16	TH-232	=	1.00	.50
	FMP-SS-24-016	1379547.45	477951.64	.00	.16	U-238	<	11.90	
	FMP-SS-24-017Q	1379547.45	477951.64	.00	.16	CS-137	<	.80	
	FMP-SS-24-017Q	1379547.45	477951.64	.00	.16	RA-226	=	1.40	.30
	FMP-SS-24-017Q	1379547.45	477951.64	.00	.16	RU-106	<	4.40	
	FMP-SS-24-017Q	1379547.45	477951.64	.00	.16	TH-232	=	1.30	.30
	FMP-SS-24-017Q	1379547.45	477951.64	.00	.16	U-238	=	3.20	2.40
	FMP-SS-24-018	1379747.37	477946.17	.00	.16	CS-137	<	.70	
	FMP-SS-24-018	1379747.37	477946.17	.00	.16	RA-226	=	2.30	.40
	FMP-SS-24-018	1379747.37	477946.17	.00	.16	RU-106	<	6.10	
	FMP-SS-24-018	1379747.37	477946.17	.00	.16	TH-232	<	2.30	
	FMP-SS-24-018	1379747.37	477946.17	.00	.16	U-238	<	15.20	
	FMP-SS-24-019	1379797.35	477944.80	.00	.16	CS-137	<	1.00	
	FMP-SS-24-019	1379797.35	477944.80	.00	.16	RA-226	=	2.60	.60
	FMP-SS-24-019	1379797.35	477944.80	.00	.16	RU-106	<	4.40	
	FMP-SS-24-019	1379797.35	477944.80	.00	.16	TH-232	=	1.20	.80
	FMP-SS-24-019	1379797.35	477944.80	.00	.16	U-238	<	9.50	
	FMP-SS-24-020	1379845.97	477893.45	.00	.16	CS-137	<	.30	
	FMP-SS-24-020	1379845.97	477893.45	.00	.16	RA-226	=	3.10	.70
	FMP-SS-24-020	1379845.97	477893.45	.00	.16	RU-106	<	5.90	
	FMP-SS-24-020	1379845.97	477893.45	.00	.16	TH-232	<	.70	
	FMP-SS-24-020	1379845.97	477893.45	.00	.16	U-238	<	10.70	
	FMP-SS-24-021	1379844.60	477843.47	.00	.16	CS-137	<	.50	
	FMP-SS-24-021	1379844.60	477843.47	.00	.16	RA-226	=	3.30	.90
	FMP-SS-24-021	1379844.60	477843.47	.00	.16	RU-106	<	.10	
	FMP-SS-24-021	1379844.60	477843.47	.00	.16	TH-232	=	1.30	.70
	FMP-SS-24-021	1379844.60	477843.47	.00	.16	U-238	<	9.00	
	FMP-SS-24-022	1379626.89	477199.19	.00	.16	CS-137	<	.50	
	FMP-SS-24-022	1379626.89	477199.19	.00	.16	RA-226	=	2.40	.50
	FMP-SS-24-022	1379626.89	477199.19	.00	.16	RU-106	<	.60	
	FMP-SS-24-022	1379626.89	477199.19	.00	.16	TH-232	<	.30	
	FMP-SS-24-022	1379626.89	477199.19	.00	.16	U-238	<	16.20	
	FMP-SS-24-022D	1379626.89	477199.19	.00	.16	CS-137	<	.40	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-022D	1379626.89	477199.19	.00	.16	RA-226	=	2.40	.60
	FMP-SS-24-022D	1379626.89	477199.19	.00	.16	RU-106	<	7.40	
	FMP-SS-24-022D	1379626.89	477199.19	.00	.16	TH-232	<	2.70	
	FMP-SS-24-022D	1379626.89	477199.19	.00	.16	U-238	=	9.10	6.40
	FMP-SS-24-039	1379298.91	478008.46	.00	.16	CS-137	<	1.40	
	FMP-SS-24-039	1379298.91	478008.46	.00	.16	RA-226	=	.90	.70
	FMP-SS-24-039	1379298.91	478008.46	.00	.16	RU-106	<	9.10	
	FMP-SS-24-039	1379298.91	478008.46	.00	.16	TH-232	=	6.00	2.00
	FMP-SS-24-039	1379298.91	478008.46	.00	.16	U-238	=	7.90	3.00
	FMP-SS-24-043	1379645.36	477179.67	.00	.16	CS-137	=	.60	.30
	FMP-SS-24-043	1379645.36	477179.67	.00	.16	RA-226	=	6.70	.70
	FMP-SS-24-043	1379645.36	477179.67	.00	.16	RU-106	<	5.00	
	FMP-SS-24-043	1379645.36	477179.67	.00	.16	TH-232	<	2.20	
	FMP-SS-24-043	1379645.36	477179.67	.00	.16	U-238	<	30.50	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	CS-137	<	1.60	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	RA-226	=	23.30	1.20
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	RU-106	<	10.10	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	TH-232	<	3.00	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	U-238	<	53.00	
	FMP-SS-24-047	1379633.30	477214.02	.00	.16	CS-137	<	1.90	
	FMP-SS-24-047	1379633.30	477214.02	.00	.16	RA-226	=	33.10	1.50
	FMP-SS-24-047	1379633.30	477214.02	.00	.16	RU-106	<	8.30	
	FMP-SS-24-047	1379633.30	477214.02	.00	.16	TH-232	<	4.40	
	FMP-SS-24-047	1379633.30	477214.02	.00	.16	U-238	=	5.50	3.00
	FMP-SS-24-050	1379622.57	477224.31	.00	.16	CS-137	<	1.50	
	FMP-SS-24-050	1379622.57	477224.31	.00	.16	RA-226	=	25.90	1.30
	FMP-SS-24-050	1379622.57	477224.31	.00	.16	RU-106	<	8.70	
	FMP-SS-24-050	1379622.57	477224.31	.00	.16	TH-232	<	3.90	
	FMP-SS-24-050	1379622.57	477224.31	.00	.16	U-238	=	21.10	9.20
	FMP-SS-24-053	1379496.79	477233.76	.00	.16	CS-137	<	1.50	
	FMP-SS-24-053	1379496.79	477233.76	.00	.16	RA-226	=	1.00	.40
	FMP-SS-24-053	1379496.79	477233.76	.00	.16	RU-106	<	6.40	
	FMP-SS-24-053	1379496.79	477233.76	.00	.16	TH-232	=	5.00	.80
	FMP-SS-24-053	1379496.79	477233.76	.00	.16	U-238	=	6.80	3.00
	FMP-SS-24-057	1379505.88	477346.55	.00	.16	CS-137	=	.40	.20
	FMP-SS-24-057	1379505.88	477346.55	.00	.16	RA-226	=	2.20	.50
	FMP-SS-24-057	1379505.88	477346.55	.00	.16	RU-106	<	8.20	
	FMP-SS-24-057	1379505.88	477346.55	.00	.16	TH-232	<	.30	
	FMP-SS-24-057	1379505.88	477346.55	.00	.16	U-238	=	11.20	4.00
	FMP-SS-24-060	1379457.43	477403.90	.00	.16	CS-137	=	.60	.30
	FMP-SS-24-060	1379457.43	477403.90	.00	.16	RA-226	=	2.30	.50
	FMP-SS-24-060	1379457.43	477403.90	.00	.16	RU-106	<	.60	
	FMP-SS-24-060	1379457.43	477403.90	.00	.16	TH-232	=	1.60	.80

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-060	1379457.43	477403.90	.00	.16	U-238	=	8.50	3.10
	FMP-SS-24-064	1379573.49	477550.78	.00	.16	CS-137	=	.30	.20
	FMP-SS-24-064	1379573.49	477550.78	.00	.16	RA-226	<	2.00	
	FMP-SS-24-064	1379573.49	477550.78	.00	.16	RU-106	<	3.60	
	FMP-SS-24-064	1379573.49	477550.78	.00	.16	TH-232	<	2.10	
	FMP-SS-24-064	1379573.49	477550.78	.00	.16	U-238	=	58.30	5.70
	FMP-SS-24-066	1379540.45	477476.66	.00	.16	CS-137	=	.50	.20
	FMP-SS-24-066	1379540.45	477476.66	.00	.16	RA-226	=	.60	.30
	FMP-SS-24-066	1379540.45	477476.66	.00	.16	RU-106	<	2.70	
	FMP-SS-24-066	1379540.45	477476.66	.00	.16	TH-232	<	.30	
	FMP-SS-24-066	1379540.45	477476.66	.00	.16	U-238	=	27.40	4.00
	FMP-SS-24-068	1379446.48	477698.31	.00	.16	CS-137	<	.30	
	FMP-SS-24-068	1379446.48	477698.31	.00	.16	RA-226	=	4.30	.60
	FMP-SS-24-068	1379446.48	477698.31	.00	.16	RU-106	<	9.00	
	FMP-SS-24-068	1379446.48	477698.31	.00	.16	TH-232	=	1.90	.70
	FMP-SS-24-068	1379446.48	477698.31	.00	.16	U-238	<	5.00	
	FMP-SS-24-070	1379428.85	477748.81	.00	.16	CS-137	<	.60	
	FMP-SS-24-070	1379428.85	477748.81	.00	.16	RA-226	=	2.20	.40
	FMP-SS-24-070	1379428.85	477748.81	.00	.16	RU-106	<	.50	
	FMP-SS-24-070	1379428.85	477748.81	.00	.16	TH-232	<	1.90	
	FMP-SS-24-070	1379428.85	477748.81	.00	.16	U-238	<	15.40	
	FMP-SS-24-072	1379425.07	477829.94	.00	.16	CS-137	<	.80	
	FMP-SS-24-072	1379425.07	477829.94	.00	.16	RA-226	=	2.40	.60
	FMP-SS-24-072	1379425.07	477829.94	.00	.16	RU-106	<	5.70	
	FMP-SS-24-072	1379425.07	477829.94	.00	.16	TH-232	=	2.40	.50
	FMP-SS-24-072	1379425.07	477829.94	.00	.16	U-238	<	14.50	
	FMP-SS-24-075	1379503.82	477490.66	.00	.16	CS-137	<	1.80	
	FMP-SS-24-075	1379503.82	477490.66	.00	.16	RA-226	<	3.60	
	FMP-SS-24-075	1379503.82	477490.66	.00	.16	RU-106	<	13.20	
	FMP-SS-24-075	1379503.82	477490.66	.00	.16	TH-232	<	6.80	
	FMP-SS-24-075	1379503.82	477490.66	.00	.16	U-238	=	412.00	26.00
	FMP-SS-24-075D	1379503.82	477490.66	.00	.16	CS-137	<	2.00	
	FMP-SS-24-075D	1379503.82	477490.66	.00	.16	RA-226	<	2.90	
	FMP-SS-24-075D	1379503.82	477490.66	.00	.16	RU-106	<	17.00	
	FMP-SS-24-075D	1379503.82	477490.66	.00	.16	TH-232	<	5.50	
	FMP-SS-24-075D	1379503.82	477490.66	.00	.16	U-238	=	360.00	26.00
	FMP-SS-24-077	1379465.80	477709.79	.00	.16	CS-137	<	.50	
	FMP-SS-24-077	1379465.80	477709.79	.00	.16	RA-226	=	8.30	.80
	FMP-SS-24-077	1379465.80	477709.79	.00	.16	RU-106	<	6.90	
	FMP-SS-24-077	1379465.80	477709.79	.00	.16	TH-232	=	2.40	1.00
	FMP-SS-24-077	1379465.80	477709.79	.00	.16	U-238	=	5.30	3.30
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	CS-137	<	6.00	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	RA-226	<	12.40	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-081	1379491.11	477538.03	.00	.16	RU-106	<	57.40	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	TH-232	<	18.00	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	U-238	=	2180.00	72.00
	FMP-SS-24-084	1379788.84	477926.03	.00	.16	CS-137	<	.70	
	FMP-SS-24-084	1379788.84	477926.03	.00	.16	RA-226	=	20.90	1.40
	FMP-SS-24-084	1379788.84	477926.03	.00	.16	RU-106	<	8.30	
	FMP-SS-24-084	1379788.84	477926.03	.00	.16	TH-232	<	5.20	
	FMP-SS-24-084	1379788.84	477926.03	.00	.16	U-238	<	12.20	
	FMP-SS-24-087	1379783.51	477914.17	.00	.16	CS-137	<	1.00	
	FMP-SS-24-087	1379783.51	477914.17	.00	.16	RA-226	=	15.30	1.20
	FMP-SS-24-087	1379783.51	477914.17	.00	.16	RU-106	<	8.20	
	FMP-SS-24-087	1379783.51	477914.17	.00	.16	TH-232	<	4.20	
	FMP-SS-24-087	1379783.51	477914.17	.00	.16	U-238	<	10.20	
	FMP-SS-24-089	1379765.68	477920.66	.00	.16	CS-137	<	.70	
	FMP-SS-24-089	1379765.68	477920.66	.00	.16	RA-226	=	14.50	.90
	FMP-SS-24-089	1379765.68	477920.66	.00	.16	RU-106	<	6.20	
	FMP-SS-24-089	1379765.68	477920.66	.00	.16	TH-232	<	2.40	
	FMP-SS-24-089	1379765.68	477920.66	.00	.16	U-238	<	18.80	
	FMP-SS-24-092	1379770.83	477889.51	.00	.16	CS-137	=	.60	.40
	FMP-SS-24-092	1379770.83	477889.51	.00	.16	RA-226	=	4.10	.60
	FMP-SS-24-092	1379770.83	477889.51	.00	.16	RU-106	<	.50	
	FMP-SS-24-092	1379770.83	477889.51	.00	.16	TH-232	=	2.00	.90
	FMP-SS-24-092	1379770.83	477889.51	.00	.16	U-238	<	7.90	
	FMP-SS-24-093	1379815.98	477894.27	.00	.16	CS-137	<	1.40	
	FMP-SS-24-093	1379815.98	477894.27	.00	.16	RA-226	=	42.50	1.80
	FMP-SS-24-093	1379815.98	477894.27	.00	.16	RU-106	<	9.40	
	FMP-SS-24-093	1379815.98	477894.27	.00	.16	TH-232	<	4.80	
	FMP-SS-24-093	1379815.98	477894.27	.00	.16	U-238	<	34.50	
	FMP-SS-24-096	1379871.48	477911.76	.00	.16	CS-137	<	1.10	
	FMP-SS-24-096	1379871.48	477911.76	.00	.16	RA-226	=	11.20	1.10
	FMP-SS-24-096	1379871.48	477911.76	.00	.16	RU-106	<	11.20	
	FMP-SS-24-096	1379871.48	477911.76	.00	.16	TH-232	<	2.00	
	FMP-SS-24-096	1379871.48	477911.76	.00	.16	U-238	<	12.70	
	FMP-SS-24-096D	1379871.48	477911.76	.00	.16	CS-137	<	1.00	
	FMP-SS-24-096D	1379871.48	477911.76	.00	.16	RA-226	=	11.60	1.10
	FMP-SS-24-096D	1379871.48	477911.76	.00	.16	RU-106	<	3.50	
	FMP-SS-24-096D	1379871.48	477911.76	.00	.16	TH-232	<	2.30	
	FMP-SS-24-096D	1379871.48	477911.76	.00	.16	U-238	<	13.30	
	FMP-SS-24-099	1379857.80	477887.13	.00	.16	CS-137	<	.50	
	FMP-SS-24-099	1379857.80	477887.13	.00	.16	RA-226	=	5.50	.70
	FMP-SS-24-099	1379857.80	477887.13	.00	.16	RU-106	<	3.40	
	FMP-SS-24-099	1379857.80	477887.13	.00	.16	TH-232	<	3.30	
	FMP-SS-24-099	1379857.80	477887.13	.00	.16	U-238	<	10.20	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-101	1379839.64	477881.62	.00	.16	CS-137	=	.70	.20
	FMP-SS-24-101	1379839.64	477881.62	.00	.16	RA-226	=	4.90	.30
	FMP-SS-24-101	1379839.64	477881.62	.00	.16	RU-106	<	3.20	
	FMP-SS-24-101	1379839.64	477881.62	.00	.16	TH-232	<	3.20	
	FMP-SS-24-101	1379839.64	477881.62	.00	.16	U-238	=	3.70	2.20
	FMP-SS-24-103	1379838.60	477843.64	.00	.16	CS-137	<	.50	
	FMP-SS-24-103	1379838.60	477843.64	.00	.16	RA-226	=	5.10	.60
	FMP-SS-24-103	1379838.60	477843.64	.00	.16	RU-106	<	5.10	
	FMP-SS-24-103	1379838.60	477843.64	.00	.16	TH-232	<	1.70	
	FMP-SS-24-103	1379838.60	477843.64	.00	.16	U-238	<	8.30	
	FMP-SS-24-106	1379824.92	477819.00	.00	.16	CS-137	<	.80	
	FMP-SS-24-106	1379824.92	477819.00	.00	.16	RA-226	=	8.80	.70
	FMP-SS-24-106	1379824.92	477819.00	.00	.16	RU-106	<	5.40	
	FMP-SS-24-106	1379824.92	477819.00	.00	.16	TH-232	<	2.80	
	FMP-SS-24-106	1379824.92	477819.00	.00	.16	U-238	<	10.50	
	FMP-SS-24-106D	1379824.92	477819.00	.00	.16	CS-137	<	.40	
	FMP-SS-24-106D	1379824.92	477819.00	.00	.16	RA-226	=	9.00	.70
	FMP-SS-24-106D	1379824.92	477819.00	.00	.16	RU-106	<	6.50	
	FMP-SS-24-106D	1379824.92	477819.00	.00	.16	TH-232	<	2.10	
	FMP-SS-24-106D	1379824.92	477819.00	.00	.16	U-238	<	17.70	
	FMP-SS-24-108	1379494.20	478053.14	.00	.16	CS-137	<	.50	
	FMP-SS-24-108	1379494.20	478053.14	.00	.16	RA-226	=	7.10	.80
	FMP-SS-24-108	1379494.20	478053.14	.00	.16	RU-106	<	3.70	
	FMP-SS-24-108	1379494.20	478053.14	.00	.16	TH-232	<	3.70	
	FMP-SS-24-108	1379494.20	478053.14	.00	.16	U-238	<	16.30	
	FMP-SS-24-112	1379406.92	478080.54	.00	.16	CS-137	<	3.40	
	FMP-SS-24-112	1379406.92	478080.54	.00	.16	RA-226	=	76.60	2.80
	FMP-SS-24-112	1379406.92	478080.54	.00	.16	RU-106	<	27.80	
	FMP-SS-24-112	1379406.92	478080.54	.00	.16	TH-232	<	4.30	
	FMP-SS-24-112	1379406.92	478080.54	.00	.16	U-238	<	63.10	
	FMP-SS-24-115	1379324.06	478013.78	.00	.16	CS-137	<	2.00	
	FMP-SS-24-115	1379324.06	478013.78	.00	.16	RA-226	=	36.90	1.80
	FMP-SS-24-115	1379324.06	478013.78	.00	.16	RU-106	<	10.90	
	FMP-SS-24-115	1379324.06	478013.78	.00	.16	TH-232	<	4.10	
	FMP-SS-24-115	1379324.06	478013.78	.00	.16	U-238	=	12.70	5.60
	FMP-SS-24-120	1379305.59	478033.29	.00	.16	CS-137	<	.70	
	FMP-SS-24-120	1379305.59	478033.29	.00	.16	RA-226	=	2.00	.90
	FMP-SS-24-120	1379305.59	478033.29	.00	.16	RU-106	<	12.20	
	FMP-SS-24-120	1379305.59	478033.29	.00	.16	TH-232	=	11.90	2.40
	FMP-SS-24-120	1379305.59	478033.29	.00	.16	U-238	=	32.10	9.00
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	CS-137	<	2.90	
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	RA-226	=	121.00	2.70
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	RU-106	<	16.50	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-123	1379640.73	477924.08	.00	.16	TH-232	<	5.30	
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	U-238	<	39.80	
	FMP-SS-24-126	1379679.08	477973.05	.00	.16	CS-137	<	1.40	
	FMP-SS-24-126	1379679.08	477973.05	.00	.16	RA-226	=	16.70	.90
	FMP-SS-24-126	1379679.08	477973.05	.00	.16	RU-106	<	4.80	
	FMP-SS-24-126	1379679.08	477973.05	.00	.16	TH-232	<	2.90	
	FMP-SS-24-126	1379679.08	477973.05	.00	.16	U-238	<	25.90	
	FMP-SS-24-129	1379635.78	477999.24	.00	.16	CS-137	<	.60	
	FMP-SS-24-129	1379635.78	477999.24	.00	.16	RA-226	=	12.60	1.00
	FMP-SS-24-129	1379635.78	477999.24	.00	.16	RU-106	<	4.60	
	FMP-SS-24-129	1379635.78	477999.24	.00	.16	TH-232	<	1.80	
	FMP-SS-24-129	1379635.78	477999.24	.00	.16	U-238	<	15.20	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	CS-137	<	3.70	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	RA-226	=	214.00	4.00
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	RU-106	<	26.50	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	TH-232	<	10.00	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	U-238	<	50.20	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	CS-137	<	2.30	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	RA-226	<	5.90	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	RU-106	<	23.70	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	TH-232	=	5.30	2.20
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	U-238	=	204.00	24.00
	FMP-SS-24-140	1379136.57	478034.91	.00	.16	CS-137	<	.80	
	FMP-SS-24-140	1379136.57	478034.91	.00	.16	RA-226	<	1.10	
	FMP-SS-24-140	1379136.57	478034.91	.00	.16	RU-106	<	7.10	
	FMP-SS-24-140	1379136.57	478034.91	.00	.16	TH-232	=	21.10	2.70
	FMP-SS-24-140	1379136.57	478034.91	.00	.16	U-238	<	20.10	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	CS-137	<	2.00	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	RA-226	<	3.10	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	RU-106	<	10.20	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	TH-232	=	70.20	6.00
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	U-238	=	37.30	12.00
	FMP-SS-24-144	1379093.67	478039.09	.00	.16	CS-137	<	.50	
	FMP-SS-24-144	1379093.67	478039.09	.00	.16	RA-226	=	4.90	.60
	FMP-SS-24-144	1379093.67	478039.09	.00	.16	RU-106	<	3.40	
	FMP-SS-24-144	1379093.67	478039.09	.00	.16	TH-232	=	3.40	.70
	FMP-SS-24-144	1379093.67	478039.09	.00	.16	U-238	<	11.60	
	FMP-SS-24-146	1379728.73	477959.69	.00	.16	CS-137	<	.80	
	FMP-SS-24-146	1379728.73	477959.69	.00	.16	RA-226	=	15.70	1.00
	FMP-SS-24-146	1379728.73	477959.69	.00	.16	RU-106	<	4.30	
	FMP-SS-24-146	1379728.73	477959.69	.00	.16	TH-232	<	.90	
	FMP-SS-24-146	1379728.73	477959.69	.00	.16	U-238	<	12.40	
	FMP-SS-24-146D	1379728.73	477959.69	.00	.16	CS-137	<	.50	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-146D	1379728.73	477959.69	.00	.16	RA-226	=	16.10	1.00
	FMP-SS-24-146D	1379728.73	477959.69	.00	.16	RU-106	<	6.50	
	FMP-SS-24-146D	1379728.73	477959.69	.00	.16	TH-232	<	4.00	
	FMP-SS-24-146D	1379728.73	477959.69	.00	.16	U-238	<	12.70	
	FMP-SS-24-148	1379747.04	477934.17	.00	.16	CS-137	<	1.00	
	FMP-SS-24-148	1379747.04	477934.17	.00	.16	RA-226	=	10.10	.90
	FMP-SS-24-148	1379747.04	477934.17	.00	.16	RU-106	<	6.50	
	FMP-SS-24-148	1379747.04	477934.17	.00	.16	TH-232	<	2.80	
	FMP-SS-24-148	1379747.04	477934.17	.00	.16	U-238	=	4.50	3.40
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	CS-137	<	1.30	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	RA-226	=	32.10	1.40
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	RU-106	<	9.40	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	TH-232	<	4.50	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	U-238	<	27.30	
	FMP-SS-24-156	1379509.13	477940.69	.00	.16	CS-137	=	.60	.30
	FMP-SS-24-156	1379509.13	477940.69	.00	.16	RA-226	=	6.20	.70
	FMP-SS-24-156	1379509.13	477940.69	.00	.16	RU-106	<	3.30	
	FMP-SS-24-156	1379509.13	477940.69	.00	.16	TH-232	=	2.20	.80
	FMP-SS-24-156	1379509.13	477940.69	.00	.16	U-238	=	5.30	2.80
	FMP-SS-24-156D	1379509.13	477940.69	.00	.16	CS-137	<	.50	
	FMP-SS-24-156D	1379509.13	477940.69	.00	.16	RA-226	=	6.00	.90
	FMP-SS-24-156D	1379509.13	477940.69	.00	.16	RU-106	<	15.70	
	FMP-SS-24-156D	1379509.13	477940.69	.00	.16	TH-232	=	2.70	.90
	FMP-SS-24-156D	1379509.13	477940.69	.00	.16	U-238	<	18.50	
	FMP-SS-24-158	1379509.13	477940.69	.16	.50	CS-137	<	1.50	
	FMP-SS-24-158	1379509.13	477940.69	.16	.50	RA-226	=	9.80	.90
	FMP-SS-24-158	1379509.13	477940.69	.16	.50	RU-106	<	5.70	
	FMP-SS-24-158	1379509.13	477940.69	.16	.50	TH-232	=	2.40	.70
	FMP-SS-24-158	1379509.13	477940.69	.16	.50	U-238	<	36.10	
	FMP-SS-24-159	1379599.31	478019.25	.00	.16	CS-137	<	.90	
	FMP-SS-24-159	1379599.31	478019.25	.00	.16	RA-226	=	10.90	.90
	FMP-SS-24-159	1379599.31	478019.25	.00	.16	RU-106	<	7.50	
	FMP-SS-24-159	1379599.31	478019.25	.00	.16	TH-232	<	2.80	
	FMP-SS-24-159	1379599.31	478019.25	.00	.16	U-238	=	6.20	4.70
	FMP-SS-24-162	1379717.07	477972.01	.00	.16	CS-137	<	1.20	
	FMP-SS-24-162	1379717.07	477972.01	.00	.16	RA-226	=	9.70	.90
	FMP-SS-24-162	1379717.07	477972.01	.00	.16	RU-106	<	7.40	
	FMP-SS-24-162	1379717.07	477972.01	.00	.16	TH-232	<	2.10	
	FMP-SS-24-162	1379717.07	477972.01	.00	.16	U-238	<	15.90	
	FMP-SS-24-165	1379606.17	477830.99	.00	.16	CS-137	<	1.30	
	FMP-SS-24-165	1379606.17	477830.99	.00	.16	RA-226	=	10.00	.90
	FMP-SS-24-165	1379606.17	477830.99	.00	.16	RU-106	<	5.70	
	FMP-SS-24-165	1379606.17	477830.99	.00	.16	TH-232	=	1.20	.50

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-165	1379606.17	477830.99	.00	.16	U-238	<	25.70	
	FMP-SS-24-167	1379574.33	477800.85	.00	.16	CS-137	<	.60	
	FMP-SS-24-167	1379574.33	477800.85	.00	.16	RA-226	=	4.20	.60
	FMP-SS-24-167	1379574.33	477800.85	.00	.16	RU-106	<	4.10	
	FMP-SS-24-167	1379574.33	477800.85	.00	.16	TH-232	=	.90	.40
	FMP-SS-24-167	1379574.33	477800.85	.00	.16	U-238	<	12.40	
	FMP-SS-24-170	1379554.38	477766.38	.00	.16	CS-137	<	1.60	
	FMP-SS-24-170	1379554.38	477766.38	.00	.16	RA-226	=	14.50	1.10
	FMP-SS-24-170	1379554.38	477766.38	.00	.16	RU-106	<	2.60	
	FMP-SS-24-170	1379554.38	477766.38	.00	.16	TH-232	<	11.00	
	FMP-SS-24-170	1379554.38	477766.38	.00	.16	U-238	<	12.20	
	FMP-SS-24-173	1379216.19	477873.68	.00	.16	CS-137	<	1.70	
	FMP-SS-24-173	1379216.19	477873.68	.00	.16	RA-226	=	1.00	.60
	FMP-SS-24-173	1379216.19	477873.68	.00	.16	RU-106	<	20.60	
	FMP-SS-24-173	1379216.19	477873.68	.00	.16	TH-232	=	6.30	2.50
	FMP-SS-24-173	1379216.19	477873.68	.00	.16	U-238	=	18.70	5.80
	FMP-SS-24-176	1379207.52	477885.92	.00	.16	CS-137	<	1.10	
	FMP-SS-24-176	1379207.52	477885.92	.00	.16	RA-226	=	.80	.30
	FMP-SS-24-176	1379207.52	477885.92	.00	.16	RU-106	<	5.90	
	FMP-SS-24-176	1379207.52	477885.92	.00	.16	TH-232	=	3.10	.50
	FMP-SS-24-176	1379207.52	477885.92	.00	.16	U-238	=	8.90	3.60
	FMP-SS-24-176D	1379207.52	477885.92	.00	.16	CS-137	<	.40	
	FMP-SS-24-176D	1379207.52	477885.92	.00	.16	RA-226	=	.60	.40
	FMP-SS-24-176D	1379207.52	477885.92	.00	.16	RU-106	<	5.90	
	FMP-SS-24-176D	1379207.52	477885.92	.00	.16	TH-232	=	3.00	.60
	FMP-SS-24-176D	1379207.52	477885.92	.00	.16	U-238	=	5.20	4.00
	FMP-SS-24-180	1379206.51	477848.93	.00	.16	CS-137	<	.10	
	FMP-SS-24-180	1379206.51	477848.93	.00	.16	RA-226	=	.60	.40
	FMP-SS-24-180	1379206.51	477848.93	.00	.16	RU-106	<	8.00	
	FMP-SS-24-180	1379206.51	477848.93	.00	.16	TH-232	=	2.90	.50
	FMP-SS-24-180	1379206.51	477848.93	.00	.16	U-238	<	11.80	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	CS-137	<	1.20	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	RA-226	<	4.20	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	RU-106	<	21.90	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	TH-232	=	22.90	1.30
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	U-238	<	43.30	
	FMP-SS-24-185	1379114.23	477876.47	.00	.16	CS-137	<	1.10	
	FMP-SS-24-185	1379114.23	477876.47	.00	.16	RA-226	=	1.00	.70
	FMP-SS-24-185	1379114.23	477876.47	.00	.16	RU-106	<	12.30	
	FMP-SS-24-185	1379114.23	477876.47	.00	.16	TH-232	=	.60	.30
	FMP-SS-24-185	1379114.23	477876.47	.00	.16	U-238	=	7.50	4.60
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	CS-137	<	1.10	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	RA-226	=	32.30	1.50

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-189	1379509.12	478049.73	.00	.16	RU-106	<	10.70	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	TH-232	<	8.60	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	U-238	<	27.40	
	FMP-SS-24-193	1379635.26	477980.25	.00	.16	CS-137	<	1.20	
	FMP-SS-24-193	1379635.26	477980.25	.00	.16	RA-226	=	10.80	.80
	FMP-SS-24-193	1379635.26	477980.25	.00	.16	RU-106	<	9.70	
	FMP-SS-24-193	1379635.26	477980.25	.00	.16	TH-232	<	4.30	
	FMP-SS-24-193	1379635.26	477980.25	.00	.16	U-238	<	14.30	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	CS-137	<	1.60	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	RA-226	=	22.10	1.30
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	RU-106	<	9.20	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	TH-232	<	2.90	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	U-238	=	44.40	9.50
	FMP-SS-24-196D	1379623.62	477993.57	.00	.16	CS-137	<	1.10	
	FMP-SS-24-196D	1379623.62	477993.57	.00	.16	RA-226	=	21.90	1.20
	FMP-SS-24-196D	1379623.62	477993.57	.00	.16	RU-106	<	8.40	
	FMP-SS-24-196D	1379623.62	477993.57	.00	.16	TH-232	<	2.40	
	FMP-SS-24-196D	1379623.62	477993.57	.00	.16	U-238	=	52.40	8.80
	FMP-SS-24-198	1379566.60	477957.12	.00	.16	CS-137	<	1.30	
	FMP-SS-24-198	1379566.60	477957.12	.00	.16	RA-226	=	26.90	1.30
	FMP-SS-24-198	1379566.60	477957.12	.00	.16	RU-106	<	11.10	
	FMP-SS-24-198	1379566.60	477957.12	.00	.16	TH-232	<	3.50	
	FMP-SS-24-198	1379566.60	477957.12	.00	.16	U-238	<	18.30	
	FMP-SS-24-201	1379273.15	477981.16	.00	.16	CS-137	=	.50	.30
	FMP-SS-24-201	1379273.15	477981.16	.00	.16	RA-226	=	1.50	.50
	FMP-SS-24-201	1379273.15	477981.16	.00	.16	RU-106	<	11.70	
	FMP-SS-24-201	1379273.15	477981.16	.00	.16	TH-232	=	4.80	.80
	FMP-SS-24-201	1379273.15	477981.16	.00	.16	U-238	<	5.80	
	FMP-SS-24-205	1379341.69	477963.28	.00	.16	CS-137	<	1.50	
	FMP-SS-24-205	1379341.69	477963.28	.00	.16	RA-226	=	14.20	1.10
	FMP-SS-24-205	1379341.69	477963.28	.00	.16	RU-106	<	5.90	
	FMP-SS-24-205	1379341.69	477963.28	.00	.16	TH-232	<	2.40	
	FMP-SS-24-205	1379341.69	477963.28	.00	.16	U-238	<	15.60	
	FMP-SS-24-208	1379225.99	478085.49	.00	.16	CS-137	<	.70	
	FMP-SS-24-208	1379225.99	478085.49	.00	.16	RA-226	=	1.20	.50
	FMP-SS-24-208	1379225.99	478085.49	.00	.16	RU-106	<	4.70	
	FMP-SS-24-208	1379225.99	478085.49	.00	.16	TH-232	<	2.80	
	FMP-SS-24-208	1379225.99	478085.49	.00	.16	U-238	=	23.30	4.90
	FMP-SS-24-209	1379529.98	477532.96	.00	.16	CS-137	<	.30	
	FMP-SS-24-209	1379529.98	477532.96	.00	.16	RA-226	=	1.90	.40
	FMP-SS-24-209	1379529.98	477532.96	.00	.16	RU-106	<	5.00	
	FMP-SS-24-209	1379529.98	477532.96	.00	.16	TH-232	=	.90	.60
	FMP-SS-24-209	1379529.98	477532.96	.00	.16	U-238	<	10.80	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-210	1379589.38	477875.47	.00	.16	CS-137	<	.10	
	FMP-SS-24-210	1379589.38	477875.47	.00	.16	RA-226	=	.90	.50
	FMP-SS-24-210	1379589.38	477875.47	.00	.16	RU-106	<	5.50	
	FMP-SS-24-210	1379589.38	477875.47	.00	.16	TH-232	=	1.10	.40
	FMP-SS-24-210	1379589.38	477875.47	.00	.16	U-238	=	6.00	2.30
	FMP-SS-24-211	1379226.18	478092.48	.00	.16	CS-137	<	.30	
	FMP-SS-24-211	1379226.18	478092.48	.00	.16	RA-226	=	1.20	.50
	FMP-SS-24-211	1379226.18	478092.48	.00	.16	RU-106	<	6.40	
	FMP-SS-24-211	1379226.18	478092.48	.00	.16	TH-232	=	.80	.70
	FMP-SS-24-211	1379226.18	478092.48	.00	.16	U-238	=	39.00	6.00
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	CS-137	<	.50	
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	RA-226	=	.60	.30
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	RU-106	<	.50	
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	TH-232	<	2.30	
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	U-238	=	51.60	6.30
	FMP-SS-24-213	1378969.07	478128.53	.00	.16	CS-137	<	1.40	
	FMP-SS-24-213	1378969.07	478128.53	.00	.16	RA-226	=	.60	.50
	FMP-SS-24-213	1378969.07	478128.53	.00	.16	RU-106	<	.70	
	FMP-SS-24-213	1378969.07	478128.53	.00	.16	TH-232	=	.50	.40
	FMP-SS-24-213	1378969.07	478128.53	.00	.16	U-238	=	20.60	6.20
	FMP-SS-24-220	1379263.14	478090.47	.00	.16	CS-137	<	.80	
	FMP-SS-24-220	1379263.14	478090.47	.00	.16	RA-226	=	.50	.30
	FMP-SS-24-220	1379263.14	478090.47	.00	.16	RU-106	<	.50	
	FMP-SS-24-220	1379263.14	478090.47	.00	.16	TH-232	<	.30	
	FMP-SS-24-220	1379263.14	478090.47	.00	.16	U-238	=	17.50	4.60
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	CS-137	<	.60	
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	RA-226	=	1.20	.60
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	RU-106	<	6.80	
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	TH-232	=	.90	.60
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	U-238	=	72.90	7.50
	FMP-SS-24-223	1379730.27	477796.58	.00	.16	CS-137	=	.60	.40
	FMP-SS-24-223	1379730.27	477796.58	.00	.16	RA-226	=	.90	.60
	FMP-SS-24-223	1379730.27	477796.58	.00	.16	RU-106	<	9.10	
	FMP-SS-24-223	1379730.27	477796.58	.00	.16	TH-232	<	5.70	
	FMP-SS-24-223	1379730.27	477796.58	.00	.16	U-238	=	42.40	5.40
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	CS-137	<	.30	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	RA-226	=	33.50	2.10
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	RU-106	<	12.30	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	TH-232	<	1.20	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	U-238	<	17.90	
	FMP-SS-24-229	1379474.47	478026.67	.00	.16	CS-137	<	1.70	
	FMP-SS-24-229	1379474.47	478026.67	.00	.16	RA-226	=	23.90	1.60
	FMP-SS-24-229	1379474.47	478026.67	.00	.16	RU-106	<	13.60	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-229	1379474.47	478026.67	.00	.16	TH-232	<	7.60	
	FMP-SS-24-229	1379474.47	478026.67	.00	.16	U-238	<	13.20	
	FMP-SS-24-232	1379430.90	478042.87	.00	.16	CS-137	<	1.00	
	FMP-SS-24-232	1379430.90	478042.87	.00	.16	RA-226	=	12.20	.70
	FMP-SS-24-232	1379430.90	478042.87	.00	.16	RU-106	<	3.90	
	FMP-SS-24-232	1379430.90	478042.87	.00	.16	TH-232	<	5.60	
	FMP-SS-24-232	1379430.90	478042.87	.00	.16	U-238	=	13.30	4.60
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	CS-137	<	2.10	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	RA-226	=	12.50	1.50
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	RU-106	<	16.40	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	TH-232	=	19.10	2.00
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	U-238	=	28.80	10.10
	FMP-SS-24-237	1379605.48	477806.00	.00	.16	CS-137	<	1.90	
	FMP-SS-24-237	1379605.48	477806.00	.00	.16	RA-226	=	10.50	1.20
	FMP-SS-24-237	1379605.48	477806.00	.00	.16	RU-106	<	12.80	
	FMP-SS-24-237	1379605.48	477806.00	.00	.16	TH-232	<	2.70	
	FMP-SS-24-237	1379605.48	477806.00	.00	.16	U-238	<	31.00	
	FMP-SS-24-238	1379580.00	477788.69	.00	.16	CS-137	<	.50	
	FMP-SS-24-238	1379580.00	477788.69	.00	.16	RA-226	=	10.70	1.10
	FMP-SS-24-238	1379580.00	477788.69	.00	.16	RU-106	<	9.00	
	FMP-SS-24-238	1379580.00	477788.69	.00	.16	TH-232	<	4.50	
	FMP-SS-24-238	1379580.00	477788.69	.00	.16	U-238	<	20.40	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	CS-137	<	8.90	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	RA-226	<	20.00	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	RU-106	<	94.20	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	TH-232	<	28.20	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	U-238	=	3540.00	112.00
	FMP-SS-24-242	1378917.14	477656.78	.00	.50	CS-137	<	1.60	
	FMP-SS-24-242	1378917.14	477656.78	.00	.50	RA-226	=	1.40	.90
	FMP-SS-24-242	1378917.14	477656.78	.00	.50	RU-106	<	1.40	
	FMP-SS-24-242	1378917.14	477656.78	.00	.50	TH-232	<	1.10	
	FMP-SS-24-242	1378917.14	477656.78	.00	.50	U-238	=	11.10	4.40
	FMP-SS-24-243	1379330.01	477317.35	.00	.50	CS-137	<	.50	
	FMP-SS-24-243	1379330.01	477317.35	.00	.50	RA-226	=	2.30	.70
	FMP-SS-24-243	1379330.01	477317.35	.00	.50	RU-106	<	3.30	
	FMP-SS-24-243	1379330.01	477317.35	.00	.50	TH-232	<	.40	
	FMP-SS-24-243	1379330.01	477317.35	.00	.50	U-238	<	19.20	
	FMP-SS-24-244	1379248.95	477206.53	.00	.50	CS-137	<	2.00	
	FMP-SS-24-244	1379248.95	477206.53	.00	.50	RA-226	=	16.90	1.20
	FMP-SS-24-244	1379248.95	477206.53	.00	.50	RU-106	<	130.00	
	FMP-SS-24-244	1379248.95	477206.53	.00	.50	TH-232	<	.60	
	FMP-SS-24-244	1379248.95	477206.53	.00	.50	U-238	<	14.90	
	FMP-SS-24-245	1379478.23	477944.53	.00	.16	CS-137	<	1.00	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-245	1379478.23	477944.53	.00	.16	RA-226	=	13.50	1.10
	FMP-SS-24-245	1379478.23	477944.53	.00	.16	RU-106	<	10.20	
	FMP-SS-24-245	1379478.23	477944.53	.00	.16	TH-232	<	3.50	
	FMP-SS-24-245	1379478.23	477944.53	.00	.16	U-238	<	23.70	
	FMP-SS-24-249	1379492.15	477978.17	.00	.16	CS-137	<	1.30	
	FMP-SS-24-249	1379492.15	477978.17	.00	.16	RA-226	=	9.80	.80
	FMP-SS-24-249	1379492.15	477978.17	.00	.16	RU-106	<	6.00	
	FMP-SS-24-249	1379492.15	477978.17	.00	.16	TH-232	=	2.50	.70
	FMP-SS-24-249	1379492.15	477978.17	.00	.16	U-238	=	20.20	3.80
	FMP-SS-24-251	1379536.67	478032.97	.00	.16	CS-137	<	1.80	
	FMP-SS-24-251	1379536.67	478032.97	.00	.16	RA-226	=	10.80	1.00
	FMP-SS-24-251	1379536.67	478032.97	.00	.16	RU-106	<	6.10	
	FMP-SS-24-251	1379536.67	478032.97	.00	.16	TH-232	<	3.30	
	FMP-SS-24-251	1379536.67	478032.97	.00	.16	U-238	<	27.40	
	FMP-SS-24-253	1379484.63	477959.36	.00	.16	CS-137	<	2.00	
	FMP-SS-24-253	1379484.63	477959.36	.00	.16	RA-226	=	26.30	1.50
	FMP-SS-24-253	1379484.63	477959.36	.00	.16	RU-106	<	13.30	
	FMP-SS-24-253	1379484.63	477959.36	.00	.16	TH-232	<	3.30	
	FMP-SS-24-253	1379484.63	477959.36	.00	.16	U-238	<	21.90	
	FMP-SS-24-257	1379503.82	477965.84	.00	.16	CS-137	<	1.70	
	FMP-SS-24-257	1379503.82	477965.84	.00	.16	RA-226	=	55.50	2.00
	FMP-SS-24-257	1379503.82	477965.84	.00	.16	RU-106	<	15.50	
	FMP-SS-24-257	1379503.82	477965.84	.00	.16	TH-232	<	4.30	
	FMP-SS-24-257	1379503.82	477965.84	.00	.16	U-238	<	35.10	
	FMP-SS-24-260	1379531.82	478002.09	.00	.16	CS-137	<	.70	
	FMP-SS-24-260	1379531.82	478002.09	.00	.16	RA-226	=	11.60	.90
	FMP-SS-24-260	1379531.82	478002.09	.00	.16	RU-106	<	4.10	
	FMP-SS-24-260	1379531.82	478002.09	.00	.16	TH-232	<	2.70	
	FMP-SS-24-260	1379531.82	478002.09	.00	.16	U-238	<	19.50	
25	FMP-SL-25-002	1379933.62	477440.89	.16	.50	CS-137	<	.10	
	FMP-SL-25-002	1379933.62	477440.89	.16	.50	RA-226	<	.40	
	FMP-SL-25-002	1379933.62	477440.89	.16	.50	RU-106	<	5.20	
	FMP-SL-25-002	1379933.62	477440.89	.16	.50	TH-232	=	.60	.40
	FMP-SL-25-002	1379933.62	477440.89	.16	.50	U-238	=	2.20	1.60
	FMP-SL-25-003Q	1379933.62	477440.89	.16	.50	CS-137	<	.10	
	FMP-SL-25-003Q	1379933.62	477440.89	.16	.50	RA-226	<	.40	
	FMP-SL-25-003Q	1379933.62	477440.89	.16	.50	RU-106	<	.50	
	FMP-SL-25-003Q	1379933.62	477440.89	.16	.50	TH-232	<	1.10	
	FMP-SL-25-003Q	1379933.62	477440.89	.16	.50	U-238	=	3.10	2.00
	FMP-SL-25-005	1379750.47	477145.79	.16	.50	CS-137	<	.10	
	FMP-SL-25-005	1379750.47	477145.79	.16	.50	RA-226	=	.90	.40
	FMP-SL-25-005	1379750.47	477145.79	.16	.50	RU-106	<	6.70	
	FMP-SL-25-005	1379750.47	477145.79	.16	.50	TH-232	=	2.20	.80

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
25	FMP-SL-25-005	1379750.47	477145.79	.16	.50	U-238	<	13.90	
	FMP-SL-25-005D	1379750.47	477145.79	.16	.50	CS-137	<	1.20	
	FMP-SL-25-005D	1379750.47	477145.79	.16	.50	RA-226	=	1.40	.70
	FMP-SL-25-005D	1379750.47	477145.79	.16	.50	RU-106	<	18.00	
	FMP-SL-25-005D	1379750.47	477145.79	.16	.50	TH-232	=	1.40	.60
	FMP-SL-25-005D	1379750.47	477145.79	.16	.50	U-238	=	2.20	1.60
	FMP-SL-25-006Q	1379750.47	477145.79	.16	.50	CS-137	<	.50	
	FMP-SL-25-006Q	1379750.47	477145.79	.16	.50	RA-226	=	1.70	.40
	FMP-SL-25-006Q	1379750.47	477145.79	.16	.50	RU-106	<	15.70	
	FMP-SL-25-006Q	1379750.47	477145.79	.16	.50	TH-232	=	2.10	.80
	FMP-SL-25-006Q	1379750.47	477145.79	.16	.50	U-238	<	11.00	
	FMP-SL-25-011	1379725.84	477159.46	.16	.50	CS-137	<	.90	
	FMP-SL-25-011	1379725.84	477159.46	.16	.50	RA-226	=	1.10	.50
	FMP-SL-25-011	1379725.84	477159.46	.16	.50	RU-106	<	.80	
	FMP-SL-25-011	1379725.84	477159.46	.16	.50	TH-232	=	1.00	.60
	FMP-SL-25-011	1379725.84	477159.46	.16	.50	U-238	=	3.00	1.50
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	CS-137	<	1.20	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	RA-226	=	10.80	.80
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	RU-106	<	4.50	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	TH-232	<	5.50	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	U-238	<	6.80	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	CS-137	<	1.30	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	RA-226	=	10.70	.80
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	RU-106	<	10.20	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	TH-232	<	3.80	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	U-238	=	11.10	3.50
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	CS-137	<	1.40	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	RA-226	=	7.90	.70
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	RU-106	<	5.50	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	TH-232	<	6.00	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	U-238	=	6.10	3.20
	FMP-SL-25-017	1379933.66	477003.72	.50	1.00	CS-137	<	.80	
	FMP-SL-25-017	1379933.66	477003.72	.50	1.00	RA-226	=	5.80	.70
	FMP-SL-25-017	1379933.66	477003.72	.50	1.00	RU-106	<	7.40	
	FMP-SL-25-017	1379933.66	477003.72	.50	1.00	TH-232	<	.30	
	FMP-SL-25-017	1379933.66	477003.72	.50	1.00	U-238	<	29.50	
	FMP-SL-25-019	1379952.13	476984.21	.16	.50	CS-137	<	1.00	
	FMP-SL-25-019	1379952.13	476984.21	.16	.50	RA-226	=	3.50	.50
	FMP-SL-25-019	1379952.13	476984.21	.16	.50	RU-106	<	7.80	
	FMP-SL-25-019	1379952.13	476984.21	.16	.50	TH-232	<	.20	
	FMP-SL-25-019	1379952.13	476984.21	.16	.50	U-238	=	7.30	3.50
	FMP-SL-25-020	1379952.13	476984.21	.50	1.00	CS-137	<	.60	
	FMP-SL-25-020	1379952.13	476984.21	.50	1.00	RA-226	=	.80	.50

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
25	FMP-SL-25-020	1379952.13	476984.21	.50	1.00	RU-106	<	4.90	
	FMP-SL-25-020	1379952.13	476984.21	.50	1.00	TH-232	=	.50	.30
	FMP-SL-25-020	1379952.13	476984.21	.50	1.00	U-238	=	7.60	2.60
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	CS-137	<	.40	
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	RA-226	=	2.90	.50
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	RU-106	<	6.70	
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	TH-232	=	.60	.30
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	U-238	=	10.20	3.60
	FMP-SS-25-001	1379933.62	477440.89	.00	.16	CS-137	<	.50	
	FMP-SS-25-001	1379933.62	477440.89	.00	.16	RA-226	=	.60	.40
	FMP-SS-25-001	1379933.62	477440.89	.00	.16	RU-106	<	4.90	
	FMP-SS-25-001	1379933.62	477440.89	.00	.16	TH-232	=	.70	.30
	FMP-SS-25-001	1379933.62	477440.89	.00	.16	U-238	<	10.50	
	FMP-SS-25-004	1379750.47	477145.79	.00	.16	CS-137	<	.90	
	FMP-SS-25-004	1379750.47	477145.79	.00	.16	RA-226	=	1.60	.40
	FMP-SS-25-004	1379750.47	477145.79	.00	.16	RU-106	<	17.20	
	FMP-SS-25-004	1379750.47	477145.79	.00	.16	TH-232	<	6.50	
	FMP-SS-25-004	1379750.47	477145.79	.00	.16	U-238	<	10.80	
	FMP-SS-25-007	1379945.61	477440.56	.00	.16	CS-137	<	.20	
	FMP-SS-25-007	1379945.61	477440.56	.00	.16	RA-226	=	.70	.30
	FMP-SS-25-007	1379945.61	477440.56	.00	.16	RU-106	<	.30	
	FMP-SS-25-007	1379945.61	477440.56	.00	.16	TH-232	=	1.10	.40
	FMP-SS-25-007	1379945.61	477440.56	.00	.16	U-238	<	10.10	
	FMP-SS-25-008	1379945.61	477440.56	.16	.50	CS-137	<	.60	
	FMP-SS-25-008	1379945.61	477440.56	.16	.50	RA-226	<	.80	
	FMP-SS-25-008	1379945.61	477440.56	.16	.50	RU-106	<	5.50	
	FMP-SS-25-008	1379945.61	477440.56	.16	.50	TH-232	=	.80	.30
	FMP-SS-25-008	1379945.61	477440.56	.16	.50	U-238	=	2.80	1.00
	FMP-SS-25-009Q	1379945.61	477440.56	.16	.50	CS-137	<	.60	
	FMP-SS-25-009Q	1379945.61	477440.56	.16	.50	RA-226	=	.60	.30
	FMP-SS-25-009Q	1379945.61	477440.56	.16	.50	RU-106	<	10.10	
	FMP-SS-25-009Q	1379945.61	477440.56	.16	.50	TH-232	=	.50	.30
	FMP-SS-25-009Q	1379945.61	477440.56	.16	.50	U-238	=	2.80	1.30
	FMP-SS-25-010	1379725.84	477159.46	.00	.16	CS-137	<	.10	
	FMP-SS-25-010	1379725.84	477159.46	.00	.16	RA-226	=	.80	.30
	FMP-SS-25-010	1379725.84	477159.46	.00	.16	RU-106	<	.90	
	FMP-SS-25-010	1379725.84	477159.46	.00	.16	TH-232	=	1.50	.40
	FMP-SS-25-010	1379725.84	477159.46	.00	.16	U-238	<	17.40	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	CS-137	<	.40	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	RA-226	=	10.20	.80
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	RU-106	<	4.80	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	TH-232	=	1.60	.60
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	U-238	=	9.50	2.90

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
25	FMP-SS-25-015	1379933.66	477003.72	.00	.16	CS-137	<	.60	
	FMP-SS-25-015	1379933.66	477003.72	.00	.16	RA-226	=	6.60	.60
	FMP-SS-25-015	1379933.66	477003.72	.00	.16	RU-106	<	10.20	
	FMP-SS-25-015	1379933.66	477003.72	.00	.16	TH-232	<	5.30	
	FMP-SS-25-015	1379933.66	477003.72	.00	.16	U-238	=	6.00	2.80
	FMP-SS-25-015D	1379933.66	477003.72	.00	.16	CS-137	=	.60	.40
	FMP-SS-25-015D	1379933.66	477003.72	.00	.16	RA-226	=	6.00	.70
	FMP-SS-25-015D	1379933.66	477003.72	.00	.16	RU-106	<	7.40	
	FMP-SS-25-015D	1379933.66	477003.72	.00	.16	TH-232	<	2.80	
	FMP-SS-25-015D	1379933.66	477003.72	.00	.16	U-238	=	6.60	5.00
	FMP-SS-25-018	1379952.13	476984.21	.00	.16	CS-137	=	.40	.20
	FMP-SS-25-018	1379952.13	476984.21	.00	.16	RA-226	=	3.10	.50
	FMP-SS-25-018	1379952.13	476984.21	.00	.16	RU-106	<	5.20	
	FMP-SS-25-018	1379952.13	476984.21	.00	.16	TH-232	<	4.70	
	FMP-SS-25-018	1379952.13	476984.21	.00	.16	U-238	=	9.10	3.80
	FMP-SS-25-021	1379957.61	476965.05	.50	1.00	CS-137	<	.30	
	FMP-SS-25-021	1379957.61	476965.05	.50	1.00	RA-226	=	2.30	.50
	FMP-SS-25-021	1379957.61	476965.05	.50	1.00	RU-106	<	.50	
	FMP-SS-25-021	1379957.61	476965.05	.50	1.00	TH-232	=	.70	.50
	FMP-SS-25-021	1379957.61	476965.05	.50	1.00	U-238	=	16.80	4.50
26	FMP-SD-26-001	1379338.00	482053.00	.00	.25	CS-137	<	1.00	
	FMP-SD-26-001	1379338.00	482053.00	.00	.25	RA-226	=	.60	.50
	FMP-SD-26-001	1379338.00	482053.00	.00	.25	RU-106	<	7.80	
	FMP-SD-26-001	1379338.00	482053.00	.00	.25	TH-232	=	1.10	.60
	FMP-SD-26-001	1379338.00	482053.00	.00	.25	U-238	=	15.60	4.00
	FMP-SD-26-001D	1379338.00	482053.00	.00	.25	CS-137	<	.10	
	FMP-SD-26-001D	1379338.00	482053.00	.00	.25	RA-226	<	1.30	
	FMP-SD-26-001D	1379338.00	482053.00	.00	.25	RU-106	<	.80	
	FMP-SD-26-001D	1379338.00	482053.00	.00	.25	TH-232	=	.80	.50
	FMP-SD-26-001D	1379338.00	482053.00	.00	.25	U-238	=	17.90	4.40
	FMP-SD-26-002	1379244.00	482082.00	.00	.50	CS-137	<	.60	
	FMP-SD-26-002	1379244.00	482082.00	.00	.50	RA-226	=	.80	.50
	FMP-SD-26-002	1379244.00	482082.00	.00	.50	RU-106	<	5.40	
	FMP-SD-26-002	1379244.00	482082.00	.00	.50	TH-232	=	.60	.50
	FMP-SD-26-002	1379244.00	482082.00	.00	.50	U-238	=	6.30	3.20
	FMP-SD-26-003	1379148.00	482103.00	.00	.50	CS-137	<	.90	
	FMP-SD-26-003	1379148.00	482103.00	.00	.50	RA-226	=	.70	.40
	FMP-SD-26-003	1379148.00	482103.00	.00	.50	RU-106	<	.60	
	FMP-SD-26-003	1379148.00	482103.00	.00	.50	TH-232	=	1.10	.40
	FMP-SD-26-003	1379148.00	482103.00	.00	.50	U-238	=	10.00	3.60
	FMP-SD-26-004	1379047.00	482120.00	.00	.50	CS-137	<	.70	
	FMP-SD-26-004	1379047.00	482120.00	.00	.50	RA-226	=	.70	.40
	FMP-SD-26-004	1379047.00	482120.00	.00	.50	RU-106	<	4.30	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
26	FMP-SD-26-004	1379047.00	482120.00	.00	.50	TH-232	=	.90	.40
	FMP-SD-26-004	1379047.00	482120.00	.00	.50	U-238	=	9.50	4.00
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	CS-137	<	.50	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	RA-226	=	.90	.40
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	RU-106	<	4.60	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	TH-232	=	1.10	.30
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	U-238	=	11.30	3.00
	FMP-SD-26-006	1378866.00	482187.00	.00	.50	CS-137	<	.50	
	FMP-SD-26-006	1378866.00	482187.00	.00	.50	RA-226	=	.80	.40
	FMP-SD-26-006	1378866.00	482187.00	.00	.50	RU-106	<	3.40	
	FMP-SD-26-006	1378866.00	482187.00	.00	.50	TH-232	=	1.40	.60
	FMP-SD-26-006	1378866.00	482187.00	.00	.50	U-238	=	7.10	3.00
	FMP-SD-26-007	1378768.00	482211.00	.00	.50	CS-137	<	.10	
	FMP-SD-26-007	1378768.00	482211.00	.00	.50	RA-226	<	1.80	
	FMP-SD-26-007	1378768.00	482211.00	.00	.50	RU-106	<	4.70	
	FMP-SD-26-007	1378768.00	482211.00	.00	.50	TH-232	=	.50	.30
	FMP-SD-26-007	1378768.00	482211.00	.00	.50	U-238	=	7.00	3.00
	FMP-SD-26-008	1378675.00	482240.00	.00	.25	CS-137	<	.50	
	FMP-SD-26-008	1378675.00	482240.00	.00	.25	RA-226	=	.70	.40
	FMP-SD-26-008	1378675.00	482240.00	.00	.25	RU-106	<	2.40	
	FMP-SD-26-008	1378675.00	482240.00	.00	.25	TH-232	=	.70	.50
	FMP-SD-26-008	1378675.00	482240.00	.00	.25	U-238	=	2.50	1.50
	FMP-SD-26-009	1378580.00	482268.00	.00	.25	CS-137	<	.80	
	FMP-SD-26-009	1378580.00	482268.00	.00	.25	RA-226	<	.20	
	FMP-SD-26-009	1378580.00	482268.00	.00	.25	RU-106	<	6.10	
	FMP-SD-26-009	1378580.00	482268.00	.00	.25	TH-232	=	.70	.50
	FMP-SD-26-009	1378580.00	482268.00	.00	.25	U-238	=	5.90	3.00
	FMP-SD-26-010	1378482.00	482295.00	.00	.33	CS-137	<	.10	
	FMP-SD-26-010	1378482.00	482295.00	.00	.33	RA-226	=	.70	.30
	FMP-SD-26-010	1378482.00	482295.00	.00	.33	RU-106	<	3.20	
	FMP-SD-26-010	1378482.00	482295.00	.00	.33	TH-232	=	.70	.30
	FMP-SD-26-010	1378482.00	482295.00	.00	.33	U-238	<	10.00	
	FMP-SD-26-011	1378387.00	482320.00	.00	.25	CS-137	<	.10	
	FMP-SD-26-011	1378387.00	482320.00	.00	.25	RA-226	<	1.70	
	FMP-SD-26-011	1378387.00	482320.00	.00	.25	RU-106	<	8.00	
	FMP-SD-26-011	1378387.00	482320.00	.00	.25	TH-232	<	.30	
	FMP-SD-26-011	1378387.00	482320.00	.00	.25	U-238	=	2.60	1.80
	FMP-SD-26-011D	1378387.00	482320.00	.00	.25	CS-137	<	.70	
	FMP-SD-26-011D	1378387.00	482320.00	.00	.25	RA-226	=	.80	.40
	FMP-SD-26-011D	1378387.00	482320.00	.00	.25	RU-106	<	5.00	
	FMP-SD-26-011D	1378387.00	482320.00	.00	.25	TH-232	<	3.60	
	FMP-SD-26-011D	1378387.00	482320.00	.00	.25	U-238	<	12.70	
	FMP-SD-26-012	1378292.00	482346.00	.00	.42	CS-137	<	.40	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
26	FMP-SD-26-012	1378292.00	482346.00	.00	.42	RA-226	<	.40	
	FMP-SD-26-012	1378292.00	482346.00	.00	.42	RU-106	<	3.70	
	FMP-SD-26-012	1378292.00	482346.00	.00	.42	TH-232	=	.50	.30
	FMP-SD-26-012	1378292.00	482346.00	.00	.42	U-238	=	3.70	2.00
	FMP-SD-26-013	1378194.00	482365.00	.00	.42	CS-137	<	.60	
	FMP-SD-26-013	1378194.00	482365.00	.00	.42	RA-226	=	.60	.50
	FMP-SD-26-013	1378194.00	482365.00	.00	.42	RU-106	<	.60	
	FMP-SD-26-013	1378194.00	482365.00	.00	.42	TH-232	=	.60	.30
	FMP-SD-26-013	1378194.00	482365.00	.00	.42	U-238	=	3.40	2.80
	FMP-SD-26-014	1378095.00	482387.00	.00	.42	CS-137	<	.50	
	FMP-SD-26-014	1378095.00	482387.00	.00	.42	RA-226	=	.90	.40
	FMP-SD-26-014	1378095.00	482387.00	.00	.42	RU-106	<	5.50	
	FMP-SD-26-014	1378095.00	482387.00	.00	.42	TH-232	<	2.00	
	FMP-SD-26-014	1378095.00	482387.00	.00	.42	U-238	=	2.30	2.00
	FMP-SD-26-015	1377998.00	482408.00	.00	.33	CS-137	<	.10	
	FMP-SD-26-015	1377998.00	482408.00	.00	.33	RA-226	<	1.10	
	FMP-SD-26-015	1377998.00	482408.00	.00	.33	RU-106	<	.50	
	FMP-SD-26-015	1377998.00	482408.00	.00	.33	TH-232	=	.40	.20
	FMP-SD-26-015	1377998.00	482408.00	.00	.33	U-238	<	8.80	
	FMP-SD-26-016	1377902.00	482429.00	.00	.33	CS-137	<	.50	
	FMP-SD-26-016	1377902.00	482429.00	.00	.33	RA-226	<	.60	
	FMP-SD-26-016	1377902.00	482429.00	.00	.33	RU-106	<	5.60	
	FMP-SD-26-016	1377902.00	482429.00	.00	.33	TH-232	=	.30	.20
	FMP-SD-26-016	1377902.00	482429.00	.00	.33	U-238	=	5.50	2.10
	FMP-SD-26-017	1377807.00	482459.00	.00	.13	CS-137	<	.50	
	FMP-SD-26-017	1377807.00	482459.00	.00	.13	RA-226	<	.60	
	FMP-SD-26-017	1377807.00	482459.00	.00	.13	RU-106	<	5.70	
	FMP-SD-26-017	1377807.00	482459.00	.00	.13	TH-232	=	1.10	.50
	FMP-SD-26-017	1377807.00	482459.00	.00	.13	U-238	<	8.90	
	FMP-SD-26-018	1377710.00	482053.00	.00	.25	CS-137	<	.70	
	FMP-SD-26-018	1377710.00	482053.00	.00	.25	RA-226	=	1.20	.50
	FMP-SD-26-018	1377710.00	482053.00	.00	.25	RU-106	<	4.80	
	FMP-SD-26-018	1377710.00	482053.00	.00	.25	TH-232	<	3.40	
	FMP-SD-26-018	1377710.00	482053.00	.00	.25	U-238	=	6.10	4.60
	FMP-SD-26-019	1377615.00	482511.00	.00	.08	CS-137	<	.10	
	FMP-SD-26-019	1377615.00	482511.00	.00	.08	RA-226	=	.80	.40
	FMP-SD-26-019	1377615.00	482511.00	.00	.08	RU-106	<	6.50	
	FMP-SD-26-019	1377615.00	482511.00	.00	.08	TH-232	<	.50	
	FMP-SD-26-019	1377615.00	482511.00	.00	.08	U-238	=	8.10	3.50
	FMP-SD-26-020	1377516.00	482527.00	.00	.08	CS-137	<	.30	
	FMP-SD-26-020	1377516.00	482527.00	.00	.08	RA-226	=	.70	.40
	FMP-SD-26-020	1377516.00	482527.00	.00	.08	RU-106	<	8.00	
	FMP-SD-26-020	1377516.00	482527.00	.00	.08	TH-232	<	1.90	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
26	FMP-SD-26-020	1377516.00	482527.00	.00	.08	U-238	=	7.60	4.00
	FMP-SD-26-021	1377415.00	482536.00	.00	.33	CS-137	<	.30	
	FMP-SD-26-021	1377415.00	482536.00	.00	.33	RA-226	<	.10	
	FMP-SD-26-021	1377415.00	482536.00	.00	.33	RU-106	<	.50	
	FMP-SD-26-021	1377415.00	482536.00	.00	.33	TH-232	<	.30	
	FMP-SD-26-021	1377415.00	482536.00	.00	.33	U-238	<	9.90	
	FMP-SD-26-021D	1377415.00	482536.00	.00	.33	CS-137	<	.50	
	FMP-SD-26-021D	1377415.00	482536.00	.00	.33	RA-226	<	1.40	
	FMP-SD-26-021D	1377415.00	482536.00	.00	.33	RU-106	<	.50	
	FMP-SD-26-021D	1377415.00	482536.00	.00	.33	TH-232	<	4.20	
	FMP-SD-26-021D	1377415.00	482536.00	.00	.33	U-238	=	3.00	2.00
28	FMP-SD-28-001	1378998.58	481948.15	.00	.50	CS-137	<	.40	
	FMP-SD-28-001	1378998.58	481948.15	.00	.50	RA-226	<	1.30	
	FMP-SD-28-001	1378998.58	481948.15	.00	.50	RU-106	<	2.40	
	FMP-SD-28-001	1378998.58	481948.15	.00	.50	TH-232	=	1.00	.60
	FMP-SD-28-001	1378998.58	481948.15	.00	.50	U-238	=	46.10	6.00
	FMP-SD-28-002	1378955.52	481946.33	.00	.42	CS-137	<	2.60	
	FMP-SD-28-002	1378955.52	481946.33	.00	.42	RA-226	<	2.30	
	FMP-SD-28-002	1378955.52	481946.33	.00	.42	RU-106	<	13.50	
	FMP-SD-28-002	1378955.52	481946.33	.00	.42	TH-232	=	3.40	1.80
	FMP-SD-28-002	1378955.52	481946.33	.00	.42	U-238	=	247.00	20.00
	FMP-SD-28-003	1378898.40	481942.89	.00	.50	CS-137	<	1.20	
	FMP-SD-28-003	1378898.40	481942.89	.00	.50	RA-226	<	1.70	
	FMP-SD-28-003	1378898.40	481942.89	.00	.50	RU-106	<	14.00	
	FMP-SD-28-003	1378898.40	481942.89	.00	.50	TH-232	=	3.50	1.80
	FMP-SD-28-003	1378898.40	481942.89	.00	.50	U-238	=	254.00	13.00
	FMP-SD-28-004	1378846.39	481943.32	.00	.50	CS-137	<	1.40	
	FMP-SD-28-004	1378846.39	481943.32	.00	.50	RA-226	=	2.20	.70
	FMP-SD-28-004	1378846.39	481943.32	.00	.50	RU-106	<	12.00	
	FMP-SD-28-004	1378846.39	481943.32	.00	.50	TH-232	=	8.70	1.00
	FMP-SD-28-004	1378846.39	481943.32	.00	.50	U-238	=	128.00	9.00
	FMP-SD-28-005	1378801.16	481935.55	.00	.50	CS-137	<	.50	
	FMP-SD-28-005	1378801.16	481935.55	.00	.50	RA-226	<	.90	
	FMP-SD-28-005	1378801.16	481935.55	.00	.50	RU-106	<	10.40	
	FMP-SD-28-005	1378801.16	481935.55	.00	.50	TH-232	=	1.90	.60
	FMP-SD-28-005	1378801.16	481935.55	.00	.50	U-238	=	111.00	8.00
	FMP-SD-28-006	1378757.13	481934.76	.00	.50	CS-137	<	1.10	
	FMP-SD-28-006	1378757.13	481934.76	.00	.50	RA-226	=	1.90	.70
	FMP-SD-28-006	1378757.13	481934.76	.00	.50	RU-106	<	10.50	
	FMP-SD-28-006	1378757.13	481934.76	.00	.50	TH-232	=	4.50	.70
	FMP-SD-28-006	1378757.13	481934.76	.00	.50	U-238	=	83.00	8.00
	FMP-SD-28-007	1378955.52	481946.33	.00	.25	CS-137	<	1.40	
	FMP-SD-28-007	1378955.52	481946.33	.00	.25	RA-226	<	.30	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
28	FMP-SD-28-007	1378955.52	481946.33	.00	.25	RU-106	<	12.10	
	FMP-SD-28-007	1378955.52	481946.33	.00	.25	TH-232	=	3.40	1.10
	FMP-SD-28-007	1378955.52	481946.33	.00	.25	U-238	=	323.00	15.00
	FMP-SD-28-008	1378898.40	481942.89	.00	.25	CS-137	<	1.60	
	FMP-SD-28-008	1378898.40	481942.89	.00	.25	RA-226	<	2.50	
	FMP-SD-28-008	1378898.40	481942.89	.00	.25	RU-106	<	3.70	
	FMP-SD-28-008	1378898.40	481942.89	.00	.25	TH-232	=	2.70	1.10
	FMP-SD-28-008	1378898.40	481942.89	.00	.25	U-238	=	274.00	14.00
	FMP-SD-28-009	1378846.39	481943.32	.00	.33	CS-137	<	1.70	
	FMP-SD-28-009	1378846.39	481943.32	.00	.33	RA-226	<	.40	
	FMP-SD-28-009	1378846.39	481943.32	.00	.33	RU-106	<	23.00	
	FMP-SD-28-009	1378846.39	481943.32	.00	.33	TH-232	=	7.80	1.90
	FMP-SD-28-009	1378846.39	481943.32	.00	.33	U-238	=	253.00	21.00
	FMP-SD-28-010	1378801.16	481935.55	.00	.42	CS-137	<	1.10	
	FMP-SD-28-010	1378801.16	481935.55	.00	.42	RA-226	<	1.70	
	FMP-SD-28-010	1378801.16	481935.55	.00	.42	RU-106	<	23.00	
	FMP-SD-28-010	1378801.16	481935.55	.00	.42	TH-232	=	3.90	1.90
	FMP-SD-28-010	1378801.16	481935.55	.00	.42	U-238	=	217.00	14.00
	FMP-SD-28-010D	1378801.16	481935.55	.00	.42	CS-137	<	1.70	
	FMP-SD-28-010D	1378801.16	481935.55	.00	.42	RA-226	<	1.40	
	FMP-SD-28-010D	1378801.16	481935.55	.00	.42	RU-106	<	8.20	
	FMP-SD-28-010D	1378801.16	481935.55	.00	.42	TH-232	=	3.70	2.00
	FMP-SD-28-010D	1378801.16	481935.55	.00	.42	U-238	=	223.00	17.00
	FMP-SD-28-011	1378757.13	481934.76	.00	.33	CS-137	<	2.10	
	FMP-SD-28-011	1378757.13	481934.76	.00	.33	RA-226	<	3.70	
	FMP-SD-28-011	1378757.13	481934.76	.00	.33	RU-106	<	14.70	
	FMP-SD-28-011	1378757.13	481934.76	.00	.33	TH-232	=	6.60	1.20
	FMP-SD-28-011	1378757.13	481934.76	.00	.33	U-238	=	152.00	15.00
	FMP-SD-28-012	1378706.06	481933.15	.00	.33	CS-137	<	.80	
	FMP-SD-28-012	1378706.06	481933.15	.00	.33	RA-226	=	2.30	.90
	FMP-SD-28-012	1378706.06	481933.15	.00	.33	RU-106	<	3.30	
	FMP-SD-28-012	1378706.06	481933.15	.00	.33	TH-232	=	3.70	1.30
	FMP-SD-28-012	1378706.06	481933.15	.00	.33	U-238	=	80.70	9.00
	FMP-SD-28-013	1378653.16	481937.60	.00	.33	CS-137	<	1.60	
	FMP-SD-28-013	1378653.16	481937.60	.00	.33	RA-226	<	2.90	
	FMP-SD-28-013	1378653.16	481937.60	.00	.33	RU-106	<	14.70	
	FMP-SD-28-013	1378653.16	481937.60	.00	.33	TH-232	=	2.90	1.40
	FMP-SD-28-013	1378653.16	481937.60	.00	.33	U-238	=	64.20	9.00
	FMP-SD-28-014	1378604.51	481950.94	.00	.25	CS-137	<	.10	
	FMP-SD-28-014	1378604.51	481950.94	.00	.25	RA-226	<	3.80	
	FMP-SD-28-014	1378604.51	481950.94	.00	.25	RU-106	<	8.30	
	FMP-SD-28-014	1378604.51	481950.94	.00	.25	TH-232	=	4.20	1.10
	FMP-SD-28-014	1378604.51	481950.94	.00	.25	U-238	=	49.90	8.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
28	FMP-SD-28-015	1378556.88	481965.25	.00	.25	CS-137	<	2.20	
	FMP-SD-28-015	1378556.88	481965.25	.00	.25	RA-226	=	2.40	1.10
	FMP-SD-28-015	1378556.88	481965.25	.00	.25	RU-106	<	9.30	
	FMP-SD-28-015	1378556.88	481965.25	.00	.25	TH-232	=	14.70	1.30
	FMP-SD-28-015	1378556.88	481965.25	.00	.25	U-238	=	76.40	12.00
	FMP-SD-28-016	1378509.23	481978.55	.00	.25	CS-137	<	1.90	
	FMP-SD-28-016	1378509.23	481978.55	.00	.25	RA-226	<	2.40	
	FMP-SD-28-016	1378509.23	481978.55	.00	.25	RU-106	<	8.90	
	FMP-SD-28-016	1378509.23	481978.55	.00	.25	TH-232	=	4.10	1.80
	FMP-SD-28-016	1378509.23	481978.55	.00	.25	U-238	=	70.20	10.00
	FMP-SD-28-017	1378410.84	482002.26	.00	.25	CS-137	<	1.20	
	FMP-SD-28-017	1378410.84	482002.26	.00	.25	RA-226	=	2.30	1.60
	FMP-SD-28-017	1378410.84	482002.26	.00	.25	RU-106	<	.80	
	FMP-SD-28-017	1378410.84	482002.26	.00	.25	TH-232	=	12.90	1.40
	FMP-SD-28-017	1378410.84	482002.26	.00	.25	U-238	=	53.00	13.00
29	FMP-SD-29-001	1378670.23	481903.12	.00	.33	CS-137	<	1.00	
	FMP-SD-29-001	1378670.23	481903.12	.00	.33	RA-226	<	2.40	
	FMP-SD-29-001	1378670.23	481903.12	.00	.33	RU-106	<	16.20	
	FMP-SD-29-001	1378670.23	481903.12	.00	.33	TH-232	=	3.70	1.90
	FMP-SD-29-001	1378670.23	481903.12	.00	.33	U-238	=	408.00	19.00
	FMP-SD-29-001D	1378670.23	481903.12	.00	.33	CS-137	<	1.80	
	FMP-SD-29-001D	1378670.23	481903.12	.00	.33	RA-226	<	1.50	
	FMP-SD-29-001D	1378670.23	481903.12	.00	.33	RU-106	<	9.00	
	FMP-SD-29-001D	1378670.23	481903.12	.00	.33	TH-232	<	8.20	
	FMP-SD-29-001D	1378670.23	481903.12	.00	.33	U-238	=	400.00	10.00
	FMP-SD-29-002	1378629.52	481914.24	.00	.25	CS-137	<	1.80	
	FMP-SD-29-002	1378629.52	481914.24	.00	.25	RA-226	<	2.90	
	FMP-SD-29-002	1378629.52	481914.24	.00	.25	RU-106	<	9.50	
	FMP-SD-29-002	1378629.52	481914.24	.00	.25	TH-232	<	4.40	
	FMP-SD-29-002	1378629.52	481914.24	.00	.25	U-238	=	236.00	14.00
	FMP-SD-29-003	1378622.57	481916.43	.00	.33	CS-137	<	.90	
	FMP-SD-29-003	1378622.57	481916.43	.00	.33	RA-226	<	1.60	
	FMP-SD-29-003	1378622.57	481916.43	.00	.33	RU-106	<	12.50	
	FMP-SD-29-003	1378622.57	481916.43	.00	.33	TH-232	=	2.90	1.30
	FMP-SD-29-003	1378622.57	481916.43	.00	.33	U-238	=	170.00	14.00
30	FMP-SD-30-001	1379691.58	481573.05	.00	.50	CS-137	<	.80	
	FMP-SD-30-001	1379691.58	481573.05	.00	.50	RA-226	=	1.00	.30
	FMP-SD-30-001	1379691.58	481573.05	.00	.50	RU-106	<	.50	
	FMP-SD-30-001	1379691.58	481573.05	.00	.50	TH-232	=	.90	.40
	FMP-SD-30-001	1379691.58	481573.05	.00	.50	U-238	=	19.10	4.00
	FMP-SD-30-002	1379638.97	481551.49	.00	.50	CS-137	<	.90	
	FMP-SD-30-002	1379638.97	481551.49	.00	.50	RA-226	=	1.10	.30
	FMP-SD-30-002	1379638.97	481551.49	.00	.50	RU-106	<	4.80	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
30	FMP-SD-30-002	1379638.97	481551.49	.00	.50	TH-232	<	1.30	
	FMP-SD-30-002	1379638.97	481551.49	.00	.50	U-238	=	21.40	3.60
	FMP-SD-30-003	1379592.38	481530.75	.00	.50	CS-137	<	.30	
	FMP-SD-30-003	1379592.38	481530.75	.00	.50	RA-226	=	.90	.30
	FMP-SD-30-003	1379592.38	481530.75	.00	.50	RU-106	<	6.20	
	FMP-SD-30-003	1379592.38	481530.75	.00	.50	TH-232	<	.30	
	FMP-SD-30-003	1379592.38	481530.75	.00	.50	U-238	=	28.70	2.50
	FMP-SD-30-004A	1379592.38	481530.75	.00	.50	CS-137	<	1.10	
	FMP-SD-30-004A	1379592.38	481530.75	.00	.50	RA-226	<	1.30	
	FMP-SD-30-004A	1379592.38	481530.75	.00	.50	RU-106	<	10.40	
	FMP-SD-30-004A	1379592.38	481530.75	.00	.50	TH-232	=	.90	.40
	FMP-SD-30-004A	1379592.38	481530.75	.00	.50	U-238	=	29.40	4.40
	FMP-SD-30-004Q	1379592.38	481530.75	.00	.50	CS-137	<	.50	
	FMP-SD-30-004Q	1379592.38	481530.75	.00	.50	RA-226	<	.30	
	FMP-SD-30-004Q	1379592.38	481530.75	.00	.50	RU-106	<	10.40	
	FMP-SD-30-004Q	1379592.38	481530.75	.00	.50	TH-232	<	1.60	
	FMP-SD-30-004Q	1379592.38	481530.75	.00	.50	U-238	=	29.00	5.30
31	FMP-SD-31-001	1379780.03	480784.34	.00	.50	CS-137	<	.80	
	FMP-SD-31-001	1379780.03	480784.34	.00	.50	RA-226	=	.50	.30
	FMP-SD-31-001	1379780.03	480784.34	.00	.50	RU-106	<	6.00	
	FMP-SD-31-001	1379780.03	480784.34	.00	.50	TH-232	=	1.10	.40
	FMP-SD-31-001	1379780.03	480784.34	.00	.50	U-238	=	8.40	4.40
	FMP-SD-31-002	1379622.98	480784.64	.00	.50	CS-137	<	.50	
	FMP-SD-31-002	1379622.98	480784.64	.00	.50	RA-226	=	1.00	.40
	FMP-SD-31-002	1379622.98	480784.64	.00	.50	RU-106	<	5.10	
	FMP-SD-31-002	1379622.98	480784.64	.00	.50	TH-232	<	1.20	
	FMP-SD-31-002	1379622.98	480784.64	.00	.50	U-238	=	13.20	4.40
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	CS-137	<	.70	
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	RA-226	=	1.30	.60
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	RU-106	<	.60	
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	TH-232	<	4.30	
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	U-238	=	4.80	2.80
	FMP-SD-31-004	1377902.00	481141.00	.00	.25	CS-137	<	.20	
	FMP-SD-31-004	1377902.00	481141.00	.00	.25	RA-226	<	.60	
	FMP-SD-31-004	1377902.00	481141.00	.00	.25	RU-106	<	.50	
	FMP-SD-31-004	1377902.00	481141.00	.00	.25	TH-232	<	.30	
	FMP-SD-31-004	1377902.00	481141.00	.00	.25	U-238	<	6.50	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	CS-137	<	.10	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	RA-226	<	1.00	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	RU-106	<	9.20	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	TH-232	<	1.40	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	U-238	=	3.40	2.00
	FMP-SD-31-006	1377817.00	481324.00	.00	.50	CS-137	<	.30	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
31	FMP-SD-31-006	1377817.00	481324.00	.00	.50	RA-226	=	.40	.30
	FMP-SD-31-006	1377817.00	481324.00	.00	.50	RU-106	<	4.90	
	FMP-SD-31-006	1377817.00	481324.00	.00	.50	TH-232	=	.30	.20
	FMP-SD-31-006	1377817.00	481324.00	.00	.50	U-238	<	12.50	
34	FMP-SD-34-001	1379391.74	480705.93	.00	.50	CS-137	<	.60	
	FMP-SD-34-001	1379391.74	480705.93	.00	.50	RA-226	=	1.50	.40
	FMP-SD-34-001	1379391.74	480705.93	.00	.50	RU-106	<	7.30	
	FMP-SD-34-001	1379391.74	480705.93	.00	.50	TH-232	<	1.50	
	FMP-SD-34-001	1379391.74	480705.93	.00	.50	U-238	=	29.10	5.00
36	FMP-SD-36-001	1379157.56	481652.69	.00	.42	CS-137	<	.60	
	FMP-SD-36-001	1379157.56	481652.69	.00	.42	RA-226	<	1.40	
	FMP-SD-36-001	1379157.56	481652.69	.00	.42	RU-106	<	16.60	
	FMP-SD-36-001	1379157.56	481652.69	.00	.42	TH-232	<	3.10	
	FMP-SD-36-001	1379157.56	481652.69	.00	.42	U-238	=	257.00	15.00
	FMP-SD-36-002	1379126.58	481617.53	.00	.25	CS-137	<	2.20	
	FMP-SD-36-002	1379126.58	481617.53	.00	.25	RA-226	<	3.20	
	FMP-SD-36-002	1379126.58	481617.53	.00	.25	RU-106	<	9.10	
	FMP-SD-36-002	1379126.58	481617.53	.00	.25	TH-232	<	6.60	
	FMP-SD-36-002	1379126.58	481617.53	.00	.25	U-238	=	319.00	19.00
	FMP-SD-36-003	1379092.50	481578.45	.00	.25	CS-137	<	1.70	
	FMP-SD-36-003	1379092.50	481578.45	.00	.25	RA-226	<	4.20	
	FMP-SD-36-003	1379092.50	481578.45	.00	.25	RU-106	<	6.50	
	FMP-SD-36-003	1379092.50	481578.45	.00	.25	TH-232	<	2.90	
	FMP-SD-36-003	1379092.50	481578.45	.00	.25	U-238	=	207.00	14.00
	FMP-SD-36-003D	1379092.50	481578.45	.00	.25	CS-137	<	.90	
	FMP-SD-36-003D	1379092.50	481578.45	.00	.25	RA-226	<	3.10	
	FMP-SD-36-003D	1379092.50	481578.45	.00	.25	RU-106	<	6.00	
	FMP-SD-36-003D	1379092.50	481578.45	.00	.25	TH-232	<	6.30	
	FMP-SD-36-003D	1379092.50	481578.45	.00	.25	U-238	=	203.00	21.00
	FMP-SD-36-004	1378965.66	481512.89	.00	.33	CS-137	<	1.90	
	FMP-SD-36-004	1378965.66	481512.89	.00	.33	RA-226	<	3.00	
	FMP-SD-36-004	1378965.66	481512.89	.00	.33	RU-106	<	7.50	
	FMP-SD-36-004	1378965.66	481512.89	.00	.33	TH-232	=	5.40	1.10
	FMP-SD-36-004	1378965.66	481512.89	.00	.33	U-238	=	308.00	16.00
	FMP-SD-36-005	1378679.84	481486.70	.00	.50	CS-137	<	.10	
	FMP-SD-36-005	1378679.84	481486.70	.00	.50	RA-226	=	2.10	1.00
	FMP-SD-36-005	1378679.84	481486.70	.00	.50	RU-106	<	5.30	
	FMP-SD-36-005	1378679.84	481486.70	.00	.50	TH-232	<	7.00	
	FMP-SD-36-005	1378679.84	481486.70	.00	.50	U-238	=	95.50	9.00
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	CS-137	<	1.10	
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	RA-226	<	1.90	
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	RU-106	<	6.80	
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	TH-232	=	2.30	.90

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
36	FMP-SD-36-006	1378600.61	481369.83	.00	.50	U-238	=	116.00	11.00
	FMP-SD-36-006QC	1378600.61	481369.83	.00	.50	CS-137	<	.50	
	FMP-SD-36-006QC	1378600.61	481369.83	.00	.50	RA-226	<	3.50	
	FMP-SD-36-006QC	1378600.61	481369.83	.00	.50	RU-106	<	5.80	
	FMP-SD-36-006QC	1378600.61	481369.83	.00	.50	TH-232	<	.50	
	FMP-SD-36-006QC	1378600.61	481369.83	.00	.50	U-238	=	71.30	10.00
37	FMP-SD-37-001	1379416.71	481983.73	.00	.25	CS-137	<	1.70	
	FMP-SD-37-001	1379416.71	481983.73	.00	.25	RA-226	<	2.50	
	FMP-SD-37-001	1379416.71	481983.73	.00	.25	RU-106	<	15.00	
	FMP-SD-37-001	1379416.71	481983.73	.00	.25	TH-232	<	7.60	
	FMP-SD-37-001	1379416.71	481983.73	.00	.25	U-238	=	207.00	13.00
	FMP-SD-37-002	1379389.55	481941.46	.00	.25	CS-137	<	.10	
	FMP-SD-37-002	1379389.55	481941.46	.00	.25	RA-226	<	1.70	
	FMP-SD-37-002	1379389.55	481941.46	.00	.25	RU-106	<	12.10	
	FMP-SD-37-002	1379389.55	481941.46	.00	.25	TH-232	<	6.00	
	FMP-SD-37-002	1379389.55	481941.46	.00	.25	U-238	=	141.00	12.00
	FMP-SD-37-003	1379362.43	481901.18	.00	.25	CS-137	<	.70	
	FMP-SD-37-003	1379362.43	481901.18	.00	.25	RA-226	<	1.80	
	FMP-SD-37-003	1379362.43	481901.18	.00	.25	RU-106	<	14.90	
	FMP-SD-37-003	1379362.43	481901.18	.00	.25	TH-232	<	2.90	
	FMP-SD-37-003	1379362.43	481901.18	.00	.25	U-238	=	168.00	13.00
	FMP-SD-37-003QC	1379362.43	481901.18	.00	.25	CS-137	<	1.10	
	FMP-SD-37-003QC	1379362.43	481901.18	.00	.25	RA-226	<	.20	
	FMP-SD-37-003QC	1379362.43	481901.18	.00	.25	RU-106	<	11.20	
	FMP-SD-37-003QC	1379362.43	481901.18	.00	.25	TH-232	=	2.20	.90
	FMP-SD-37-003QC	1379362.43	481901.18	.00	.25	U-238	=	149.00	13.00
	FMP-SD-37-004	1379322.65	481873.26	.00	.16	CS-137	<	1.70	
	FMP-SD-37-004	1379322.65	481873.26	.00	.16	RA-226	<	.20	
	FMP-SD-37-004	1379322.65	481873.26	.00	.16	RU-106	<	1.00	
	FMP-SD-37-004	1379322.65	481873.26	.00	.16	TH-232	<	6.30	
	FMP-SD-37-004	1379322.65	481873.26	.00	.16	U-238	=	119.00	10.00
	FMP-SD-37-004D	1379322.65	481873.26	.00	.16	CS-137	<	1.90	
	FMP-SD-37-004D	1379322.65	481873.26	.00	.16	RA-226	<	1.80	
	FMP-SD-37-004D	1379322.65	481873.26	.00	.16	RU-106	<	1.00	
	FMP-SD-37-004D	1379322.65	481873.26	.00	.16	TH-232	<	.50	
	FMP-SD-37-004D	1379322.65	481873.26	.00	.16	U-238	=	121.00	13.00
	FMP-SD-37-005	1379210.47	481758.29	.00	.25	CS-137	<	1.40	
	FMP-SD-37-005	1379210.47	481758.29	.00	.25	RA-226	<	2.10	
	FMP-SD-37-005	1379210.47	481758.29	.00	.25	RU-106	<	9.00	
	FMP-SD-37-005	1379210.47	481758.29	.00	.25	TH-232	=	1.30	1.00
	FMP-SD-37-005	1379210.47	481758.29	.00	.25	U-238	=	99.00	10.00
	FMP-SD-37-006	1379167.50	481723.45	.00	.16	CS-137	<	2.10	
	FMP-SD-37-006	1379167.50	481723.45	.00	.16	RA-226	<	2.00	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
37	FMP-SD-37-006	1379167.50	481723.45	.00	.16	RU-106	<	18.60	
	FMP-SD-37-006	1379167.50	481723.45	.00	.16	TH-232	<	.60	
	FMP-SD-37-006	1379167.50	481723.45	.00	.16	U-238	=	63.80	10.00
38	FMP-SD-38-001	1378607.85	481926.84	.00	.33	CS-137	<	.60	
	FMP-SD-38-001	1378607.85	481926.84	.00	.33	RA-226	<	1.00	
	FMP-SD-38-001	1378607.85	481926.84	.00	.33	RU-106	<	1.10	
	FMP-SD-38-001	1378607.85	481926.84	.00	.33	TH-232	=	2.90	.90
	FMP-SD-38-001	1378607.85	481926.84	.00	.33	U-238	=	93.70	12.00
	FMP-SD-38-002	1378627.67	481883.28	.00	.50	CS-137	<	.90	
	FMP-SD-38-002	1378627.67	481883.28	.00	.50	RA-226	=	2.60	1.10
	FMP-SD-38-002	1378627.67	481883.28	.00	.50	RU-106	<	7.00	
	FMP-SD-38-002	1378627.67	481883.28	.00	.50	TH-232	=	4.30	1.20
	FMP-SD-38-002	1378627.67	481883.28	.00	.50	U-238	=	124.00	12.00
	FMP-SD-38-003	1378632.96	481784.10	.00	.50	CS-137	<	1.80	
	FMP-SD-38-003	1378632.96	481784.10	.00	.50	RA-226	=	5.30	1.30
	FMP-SD-38-003	1378632.96	481784.10	.00	.50	RU-106	<	9.60	
	FMP-SD-38-003	1378632.96	481784.10	.00	.50	TH-232	<	3.80	
	FMP-SD-38-003	1378632.96	481784.10	.00	.50	U-238	=	120.00	13.00
	FMP-SD-38-004	1378654.07	481495.41	.00	.33	CS-137	<	1.00	
	FMP-SD-38-004	1378654.07	481495.41	.00	.33	RA-226	<	4.10	
	FMP-SD-38-004	1378654.07	481495.41	.00	.33	RU-106	<	8.90	
	FMP-SD-38-004	1378654.07	481495.41	.00	.33	TH-232	<	6.10	
	FMP-SD-38-004	1378654.07	481495.41	.00	.33	U-238	=	118.00	11.00
	FMP-SD-38-004QC	1378654.07	481495.41	.00	.33	CS-137	<	1.60	
	FMP-SD-38-004QC	1378654.07	481495.41	.00	.33	RA-226	<	1.50	
	FMP-SD-38-004QC	1378654.07	481495.41	.00	.33	RU-106	<	12.40	
	FMP-SD-38-004QC	1378654.07	481495.41	.00	.33	TH-232	<	6.30	
	FMP-SD-38-004QC	1378654.07	481495.41	.00	.33	U-238	=	144.00	12.00
39	FMP-SD-39-001	1379068.12	481784.19	.00	.16	CS-137	<	1.30	
	FMP-SD-39-001	1379068.12	481784.19	.00	.16	RA-226	<	3.20	
	FMP-SD-39-001	1379068.12	481784.19	.00	.16	RU-106	<	12.60	
	FMP-SD-39-001	1379068.12	481784.19	.00	.16	TH-232	<	7.30	
	FMP-SD-39-001	1379068.12	481784.19	.00	.16	U-238	=	611.00	23.00
	FMP-SD-39-002	1379092.96	481741.50	.00	.25	CS-137	<	.80	
	FMP-SD-39-002	1379092.96	481741.50	.00	.25	RA-226	<	1.70	
	FMP-SD-39-002	1379092.96	481741.50	.00	.25	RU-106	<	15.10	
	FMP-SD-39-002	1379092.96	481741.50	.00	.25	TH-232	=	2.60	1.60
	FMP-SD-39-002	1379092.96	481741.50	.00	.25	U-238	=	331.00	21.00
	FMP-SD-39-002QC	1379092.96	481741.50	.00	.25	CS-137	<	1.90	
	FMP-SD-39-002QC	1379092.96	481741.50	.00	.25	RA-226	=	2.30	1.90
	FMP-SD-39-002QC	1379092.96	481741.50	.00	.25	RU-106	<	12.40	
	FMP-SD-39-002QC	1379092.96	481741.50	.00	.25	TH-232	=	2.20	.90
	FMP-SD-39-002QC	1379092.96	481741.50	.00	.25	U-238	=	314.00	20.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
39	FMP-SD-39-003	1379118.80	481698.77	.00	.50	CS-137	<	.90	
	FMP-SD-39-003	1379118.80	481698.77	.00	.50	RA-226	<	2.20	
	FMP-SD-39-003	1379118.80	481698.77	.00	.50	RU-106	<	16.90	
	FMP-SD-39-003	1379118.80	481698.77	.00	.50	TH-232	<	4.10	
	FMP-SD-39-003	1379118.80	481698.77	.00	.50	U-238	=	144.00	11.00
	FMP-SD-39-004	1379117.16	481638.79	.00	.42	CS-137	<	1.40	
	FMP-SD-39-004	1379117.16	481638.79	.00	.42	RA-226	<	2.50	
	FMP-SD-39-004	1379117.16	481638.79	.00	.42	RU-106	<	4.40	
	FMP-SD-39-004	1379117.16	481638.79	.00	.42	TH-232	=	2.00	1.00
	FMP-SD-39-004	1379117.16	481638.79	.00	.42	U-238	=	174.00	16.00
	FMP-SD-39-005	1379082.19	481603.74	.00	.42	CS-137	<	2.10	
	FMP-SD-39-005	1379082.19	481603.74	.00	.42	RA-226	=	2.30	1.40
	FMP-SD-39-005	1379082.19	481603.74	.00	.42	RU-106	<	20.30	
	FMP-SD-39-005	1379082.19	481603.74	.00	.42	TH-232	=	3.60	1.60
	FMP-SD-39-005	1379082.19	481603.74	.00	.42	U-238	=	459.00	23.00
	FMP-SD-39-006	1379048.19	481567.66	.00	.25	CS-137	<	.90	
	FMP-SD-39-006	1379048.19	481567.66	.00	.25	RA-226	=	1.90	.90
	FMP-SD-39-006	1379048.19	481567.66	.00	.25	RU-106	<	15.10	
	FMP-SD-39-006	1379048.19	481567.66	.00	.25	TH-232	=	2.80	1.70
	FMP-SD-39-006	1379048.19	481567.66	.00	.25	U-238	=	222.00	16.00
	FMP-SD-39-007	1378999.69	481549.98	.00	.42	CS-137	<	.70	
	FMP-SD-39-007	1378999.69	481549.98	.00	.42	RA-226	<	1.70	
	FMP-SD-39-007	1378999.69	481549.98	.00	.42	RU-106	<	20.30	
	FMP-SD-39-007	1378999.69	481549.98	.00	.42	TH-232	=	2.10	.90
	FMP-SD-39-007	1378999.69	481549.98	.00	.42	U-238	=	170.00	16.00
	FMP-SD-39-007D	1378999.69	481549.98	.00	.42	CS-137	<	.60	
	FMP-SD-39-007D	1378999.69	481549.98	.00	.42	RA-226	<	1.40	
	FMP-SD-39-007D	1378999.69	481549.98	.00	.42	RU-106	<	6.40	
	FMP-SD-39-007D	1378999.69	481549.98	.00	.42	TH-232	=	3.00	.90
	FMP-SD-39-007D	1378999.69	481549.98	.00	.42	U-238	=	195.00	15.00
	FMP-SD-39-008	1378953.60	481547.24	.00	.33	CS-137	<	.40	
	FMP-SD-39-008	1378953.60	481547.24	.00	.33	RA-226	=	1.80	1.10
	FMP-SD-39-008	1378953.60	481547.24	.00	.33	RU-106	<	9.80	
	FMP-SD-39-008	1378953.60	481547.24	.00	.33	TH-232	=	1.90	1.00
	FMP-SD-39-008	1378953.60	481547.24	.00	.33	U-238	=	149.00	15.00
	FMP-SD-39-009	1378900.59	481547.69	.00	.25	CS-137	<	2.20	
	FMP-SD-39-009	1378900.59	481547.69	.00	.25	RA-226	=	2.20	1.00
	FMP-SD-39-009	1378900.59	481547.69	.00	.25	RU-106	<	10.90	
	FMP-SD-39-009	1378900.59	481547.69	.00	.25	TH-232	=	4.40	1.00
	FMP-SD-39-009	1378900.59	481547.69	.00	.25	U-238	=	263.00	19.00
	FMP-SD-39-010	1378856.61	481548.89	.00	.33	CS-137	<	.90	
	FMP-SD-39-010	1378856.61	481548.89	.00	.33	RA-226	=	1.70	1.00
	FMP-SD-39-010	1378856.61	481548.89	.00	.33	RU-106	<	17.90	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
39	FMP-SD-39-010	1378856.61	481548.89	.00	.33	TH-232	=	4.70	1.40
	FMP-SD-39-010	1378856.61	481548.89	.00	.33	U-238	=	527.00	23.00
	FMP-SD-39-010QC	1378856.61	481548.89	.00	.33	CS-137	<	1.70	
	FMP-SD-39-010QC	1378856.61	481548.89	.00	.33	RA-226	=	3.40	1.10
	FMP-SD-39-010QC	1378856.61	481548.89	.00	.33	RU-106	<	17.20	
	FMP-SD-39-010QC	1378856.61	481548.89	.00	.33	TH-232	=	3.00	2.00
	FMP-SD-39-010QC	1378856.61	481548.89	.00	.33	U-238	=	467.00	23.00
	FMP-SD-39-011	1378805.54	481547.29	.00	.25	CS-137	<	15.10	
	FMP-SD-39-011	1378805.54	481547.29	.00	.25	RA-226	=	1.60	.60
	FMP-SD-39-011	1378805.54	481547.29	.00	.25	RU-106	<	9.80	
	FMP-SD-39-011	1378805.54	481547.29	.00	.25	TH-232	=	1.30	1.00
	FMP-SD-39-011	1378805.54	481547.29	.00	.25	U-238	=	178.00	13.00
	FMP-SD-39-012	1378756.48	481545.63	.00	.16	CS-137	<	.90	
	FMP-SD-39-012	1378756.48	481545.63	.00	.16	RA-226	=	1.20	.70
	FMP-SD-39-012	1378756.48	481545.63	.00	.16	RU-106	<	7.90	
	FMP-SD-39-012	1378756.48	481545.63	.00	.16	TH-232	=	1.80	1.00
	FMP-SD-39-012	1378756.48	481545.63	.00	.16	U-238	=	120.00	9.00
	FMP-SD-39-013	1378702.47	481546.11	.00	.25	CS-137	<	1.90	
	FMP-SD-39-013	1378702.47	481546.11	.00	.25	RA-226	=	1.80	1.00
	FMP-SD-39-013	1378702.47	481546.11	.00	.25	RU-106	<	7.70	
	FMP-SD-39-013	1378702.47	481546.11	.00	.25	TH-232	=	1.50	1.00
	FMP-SD-39-013	1378702.47	481546.11	.00	.25	U-238	=	101.00	12.00
	FMP-SD-39-014	1378666.50	481511.08	.00	.33	CS-137	<	1.20	
	FMP-SD-39-014	1378666.50	481511.08	.00	.33	RA-226	=	1.70	.80
	FMP-SD-39-014	1378666.50	481511.08	.00	.33	RU-106	<	15.40	
	FMP-SD-39-014	1378666.50	481511.08	.00	.33	TH-232	=	1.00	.60
	FMP-SD-39-014	1378666.50	481511.08	.00	.33	U-238	=	214.00	13.00
	FMP-SD-39-015	1378638.50	481474.83	.00	.25	CS-137	<	.60	
	FMP-SD-39-015	1378638.50	481474.83	.00	.25	RA-226	=	1.60	.90
	FMP-SD-39-015	1378638.50	481474.83	.00	.25	RU-106	<	3.40	
	FMP-SD-39-015	1378638.50	481474.83	.00	.25	TH-232	=	1.40	.80
	FMP-SD-39-015	1378638.50	481474.83	.00	.25	U-238	=	95.00	9.00
	FMP-SD-39-016	1378637.44	481472.86	.00	.25	CS-137	<	.70	
	FMP-SD-39-016	1378637.44	481472.86	.00	.25	RA-226	=	2.70	.70
	FMP-SD-39-016	1378637.44	481472.86	.00	.25	RU-106	<	14.70	
	FMP-SD-39-016	1378637.44	481472.86	.00	.25	TH-232	=	1.40	.80
	FMP-SD-39-016	1378637.44	481472.86	.00	.25	U-238	=	193.00	14.00
	FMP-SD-39-016D	1378637.44	481472.86	.00	.25	CS-137	<	2.00	
	FMP-SD-39-016D	1378637.44	481472.86	.00	.25	RA-226	=	3.30	1.40
	FMP-SD-39-016D	1378637.44	481472.86	.00	.25	RU-106	<	15.90	
	FMP-SD-39-016D	1378637.44	481472.86	.00	.25	TH-232	=	2.30	.80
	FMP-SD-39-016D	1378637.44	481472.86	.00	.25	U-238	=	182.00	15.00
	FMP-SD-39-017	1378604.39	481434.75	.00	.16	CS-137	<	1.00	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
39	FMP-SD-39-017	1378604.39	481434.75	.00	.16	RA-226	=	1.80	.70
	FMP-SD-39-017	1378604.39	481434.75	.00	.16	RU-106	<	14.20	
	FMP-SD-39-017	1378604.39	481434.75	.00	.16	TH-232	=	1.00	.50
	FMP-SD-39-017	1378604.39	481434.75	.00	.16	U-238	=	89.00	11.00
	FMP-SD-39-018	1378571.33	481396.64	.00	.25	CS-137	<	.70	
	FMP-SD-39-018	1378571.33	481396.64	.00	.25	RA-226	=	5.30	.80
	FMP-SD-39-018	1378571.33	481396.64	.00	.25	RU-106	<	9.20	
	FMP-SD-39-018	1378571.33	481396.64	.00	.25	TH-232	=	2.40	1.10
	FMP-SD-39-018	1378571.33	481396.64	.00	.25	U-238	=	61.30	4.00
	FMP-SD-39-019	1378539.33	481360.50	.00	.25	CS-137	<	1.60	
	FMP-SD-39-019	1378539.33	481360.50	.00	.25	RA-226	=	7.90	1.20
	FMP-SD-39-019	1378539.33	481360.50	.00	.25	RU-106	<	11.60	
	FMP-SD-39-019	1378539.33	481360.50	.00	.25	TH-232	=	1.80	.80
	FMP-SD-39-019	1378539.33	481360.50	.00	.25	U-238	=	121.00	12.00
	FMP-SD-39-020	1378460.25	481285.64	.00	.33	CS-137	<	2.30	
	FMP-SD-39-020	1378460.25	481285.64	.00	.33	RA-226	=	6.90	1.30
	FMP-SD-39-020	1378460.25	481285.64	.00	.33	RU-106	<	18.90	
	FMP-SD-39-020	1378460.25	481285.64	.00	.33	TH-232	=	5.00	1.40
	FMP-SD-39-020	1378460.25	481285.64	.00	.33	U-238	=	211.00	18.00
	FMP-SD-39-020QC	1378460.25	481285.64	.00	.33	CS-137	<	1.60	
	FMP-SD-39-020QC	1378460.25	481285.64	.00	.33	RA-226	=	6.50	1.20
	FMP-SD-39-020QC	1378460.25	481285.64	.00	.33	RU-106	<	18.80	
	FMP-SD-39-020QC	1378460.25	481285.64	.00	.33	TH-232	=	5.10	1.40
	FMP-SD-39-020QC	1378460.25	481285.64	.00	.33	U-238	=	215.00	16.00
	FMP-SD-39-021	1378346.30	481142.70	.00	.50	CS-137	<	.50	
	FMP-SD-39-021	1378346.30	481142.70	.00	.50	RA-226	=	5.70	1.80
	FMP-SD-39-021	1378346.30	481142.70	.00	.50	RU-106	<	17.70	
	FMP-SD-39-021	1378346.30	481142.70	.00	.50	TH-232	=	5.30	1.30
	FMP-SD-39-021	1378346.30	481142.70	.00	.50	U-238	=	202.00	20.00
	FMP-SD-39-022	1378293.16	481138.15	.00	.50	CS-137	<	3.70	
	FMP-SD-39-022	1378293.16	481138.15	.00	.50	RA-226	=	8.40	2.40
	FMP-SD-39-022	1378293.16	481138.15	.00	.50	RU-106	<	14.80	
	FMP-SD-39-022	1378293.16	481138.15	.00	.50	TH-232	=	21.40	12.60
	FMP-SD-39-022	1378293.16	481138.15	.00	.50	U-238	=	328.00	30.00
	FMP-SD-39-023	1378245.17	481139.46	.00	.50	CS-137	<	1.70	
	FMP-SD-39-023	1378245.17	481139.46	.00	.50	RA-226	=	4.70	1.10
	FMP-SD-39-023	1378245.17	481139.46	.00	.50	RU-106	<	.60	
	FMP-SD-39-023	1378245.17	481139.46	.00	.50	TH-232	=	6.30	1.20
	FMP-SD-39-023	1378245.17	481139.46	.00	.50	U-238	=	174.00	16.00
	FMP-SD-39-024	1378190.20	481140.97	.00	.50	CS-137	<	1.50	
	FMP-SD-39-024	1378190.20	481140.97	.00	.50	RA-226	=	9.30	1.40
	FMP-SD-39-024	1378190.20	481140.97	.00	.50	RU-106	<	20.10	
	FMP-SD-39-024	1378190.20	481140.97	.00	.50	TH-232	=	9.30	4.00

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
39	FMP-SD-39-024	1378190.20	481140.97	.00	.50	U-238	=	156.00	20.00
	FMP-SD-39-025	1378147.15	481213.17	.00	.50	CS-137	<	2.00	
	FMP-SD-39-025	1378147.15	481213.17	.00	.50	RA-226	=	14.30	2.10
	FMP-SD-39-025	1378147.15	481213.17	.00	.50	RU-106	<	22.60	
	FMP-SD-39-025	1378147.15	481213.17	.00	.50	TH-232	=	14.70	1.40
	FMP-SD-39-025	1378147.15	481213.17	.00	.50	U-238	=	296.00	28.00
	FMP-SD-39-025D	1378147.15	481213.17	.00	.50	CS-137	<	1.20	
	FMP-SD-39-025D	1378147.15	481213.17	.00	.50	RA-226	=	15.70	2.20
	FMP-SD-39-025D	1378147.15	481213.17	.00	.50	RU-106	<	15.90	
	FMP-SD-39-025D	1378147.15	481213.17	.00	.50	TH-232	=	17.60	6.20
	FMP-SD-39-025D	1378147.15	481213.17	.00	.50	U-238	=	294.00	21.00
40	FMP-SD-40-001	1379444.00	479537.00	.00	.50	CS-137	<	.50	
	FMP-SD-40-001	1379444.00	479537.00	.00	.50	RA-226	<	.70	
	FMP-SD-40-001	1379444.00	479537.00	.00	.50	RU-106	<	3.50	
	FMP-SD-40-001	1379444.00	479537.00	.00	.50	TH-232	<	.30	
	FMP-SD-40-001	1379444.00	479537.00	.00	.50	U-238	<	4.40	
	FMP-SD-40-002	1379395.00	479621.00	.00	.25	CS-137	<	.10	
	FMP-SD-40-002	1379395.00	479621.00	.00	.25	RA-226	<	.60	
	FMP-SD-40-002	1379395.00	479621.00	.00	.25	RU-106	<	4.20	
	FMP-SD-40-002	1379395.00	479621.00	.00	.25	TH-232	<	2.20	
	FMP-SD-40-002	1379395.00	479621.00	.00	.25	U-238	<	11.00	
	FMP-SD-40-003	1379368.00	479710.00	.00	.25	CS-137	<	.40	
	FMP-SD-40-003	1379368.00	479710.00	.00	.25	RA-226	=	.70	.30
	FMP-SD-40-003	1379368.00	479710.00	.00	.25	RU-106	<	2.50	
	FMP-SD-40-003	1379368.00	479710.00	.00	.25	TH-232	=	.60	.40
	FMP-SD-40-003	1379368.00	479710.00	.00	.25	U-238	<	10.70	
	FMP-SD-40-003D	1379368.00	479710.00	.00	.25	CS-137	<	.10	
	FMP-SD-40-003D	1379368.00	479710.00	.00	.25	RA-226	=	.70	.30
	FMP-SD-40-003D	1379368.00	479710.00	.00	.25	RU-106	<	.50	
	FMP-SD-40-003D	1379368.00	479710.00	.00	.25	TH-232	=	.40	.20
	FMP-SD-40-003D	1379368.00	479710.00	.00	.25	U-238	=	4.20	2.70
	FMP-SD-40-004	1379283.00	479745.00	.00	.50	CS-137	<	.50	
	FMP-SD-40-004	1379283.00	479745.00	.00	.50	RA-226	=	.60	.20
	FMP-SD-40-004	1379283.00	479745.00	.00	.50	RU-106	<	4.60	
	FMP-SD-40-004	1379283.00	479745.00	.00	.50	TH-232	=	1.10	.40
	FMP-SD-40-004	1379283.00	479745.00	.00	.50	U-238	=	8.40	3.20
	FMP-SD-40-005	1379197.00	479799.00	.00	.50	CS-137	<	.70	
	FMP-SD-40-005	1379197.00	479799.00	.00	.50	RA-226	=	.80	.40
	FMP-SD-40-005	1379197.00	479799.00	.00	.50	RU-106	<	4.80	
	FMP-SD-40-005	1379197.00	479799.00	.00	.50	TH-232	=	1.20	.50
	FMP-SD-40-005	1379197.00	479799.00	.00	.50	U-238	=	11.50	3.20
	FMP-SD-40-006	1379113.00	479852.00	.00	.50	CS-137	<	.70	
	FMP-SD-40-006	1379113.00	479852.00	.00	.50	RA-226	<	.50	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
40	FMP-SD-40-006	1379113.00	479852.00	.00	.50	RU-106	<	.50	
	FMP-SD-40-006	1379113.00	479852.00	.00	.50	TH-232	=	1.20	.50
	FMP-SD-40-006	1379113.00	479852.00	.00	.50	U-238	=	10.50	2.60
	FMP-SD-40-007	1379027.00	479904.00	.00	.50	CS-137	<	1.10	
	FMP-SD-40-007	1379027.00	479904.00	.00	.50	RA-226	=	.60	.30
	FMP-SD-40-007	1379027.00	479904.00	.00	.50	RU-106	<	4.80	
	FMP-SD-40-007	1379027.00	479904.00	.00	.50	TH-232	<	.60	
	FMP-SD-40-007	1379027.00	479904.00	.00	.50	U-238	=	16.30	4.50
	FMP-SD-40-008	1378940.00	479948.00	.00	.50	CS-137	<	.10	
	FMP-SD-40-008	1378940.00	479948.00	.00	.50	RA-226	=	.70	.60
	FMP-SD-40-008	1378940.00	479948.00	.00	.50	RU-106	<	.50	
	FMP-SD-40-008	1378940.00	479948.00	.00	.50	TH-232	=	.80	.40
	FMP-SD-40-008	1378940.00	479948.00	.00	.50	U-238	=	5.20	2.00
	FMP-SD-40-009	1378854.00	479989.00	.00	.42	CS-137	<	.40	
	FMP-SD-40-009	1378854.00	479989.00	.00	.42	RA-226	<	.60	
	FMP-SD-40-009	1378854.00	479989.00	.00	.42	RU-106	<	.50	
	FMP-SD-40-009	1378854.00	479989.00	.00	.42	TH-232	=	.50	.40
	FMP-SD-40-009	1378854.00	479989.00	.00	.42	U-238	=	2.90	1.50
	FMP-SD-40-010	1378785.00	480059.00	.00	.30	CS-137	<	.40	
	FMP-SD-40-010	1378785.00	480059.00	.00	.30	RA-226	=	.70	.30
	FMP-SD-40-010	1378785.00	480059.00	.00	.30	RU-106	<	4.60	
	FMP-SD-40-010	1378785.00	480059.00	.00	.30	TH-232	<	1.80	
	FMP-SD-40-010	1378785.00	480059.00	.00	.30	U-238	=	4.80	3.00
	FMP-SD-40-011	1378704.00	480081.00	.00	.50	CS-137	<	.40	
	FMP-SD-40-011	1378704.00	480081.00	.00	.50	RA-226	=	.80	.40
	FMP-SD-40-011	1378704.00	480081.00	.00	.50	RU-106	<	3.50	
	FMP-SD-40-011	1378704.00	480081.00	.00	.50	TH-232	<	.80	
	FMP-SD-40-011	1378704.00	480081.00	.00	.50	U-238	=	4.70	2.90
	FMP-SD-40-012	1378614.00	480081.00	.00	.50	CS-137	<	.40	
	FMP-SD-40-012	1378614.00	480081.00	.00	.50	RA-226	<	1.50	
	FMP-SD-40-012	1378614.00	480081.00	.00	.50	RU-106	<	.50	
	FMP-SD-40-012	1378614.00	480081.00	.00	.50	TH-232	<	2.10	
	FMP-SD-40-012	1378614.00	480081.00	.00	.50	U-238	=	6.80	2.90
	FMP-SD-40-013	1378536.00	480099.00	.00	.42	CS-137	<	.90	
	FMP-SD-40-013	1378536.00	480099.00	.00	.42	RA-226	=	.70	.20
	FMP-SD-40-013	1378536.00	480099.00	.00	.42	RU-106	<	6.20	
	FMP-SD-40-013	1378536.00	480099.00	.00	.42	TH-232	=	.60	.50
	FMP-SD-40-013	1378536.00	480099.00	.00	.42	U-238	=	3.30	2.00
	FMP-SD-40-013D	1378536.00	480099.00	.00	.42	CS-137	<	.80	
	FMP-SD-40-013D	1378536.00	480099.00	.00	.42	RA-226	=	.70	.40
	FMP-SD-40-013D	1378536.00	480099.00	.00	.42	RU-106	<	7.40	
	FMP-SD-40-013D	1378536.00	480099.00	.00	.42	TH-232	=	.60	.40
	FMP-SD-40-013D	1378536.00	480099.00	.00	.42	U-238	=	7.60	3.00

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
40	FMP-SD-40-014	1378446.00	480059.00	.00	.16	CS-137	<	.10	
	FMP-SD-40-014	1378446.00	480059.00	.00	.16	RA-226	=	.80	.50
	FMP-SD-40-014	1378446.00	480059.00	.00	.16	RU-106	<	7.30	
	FMP-SD-40-014	1378446.00	480059.00	.00	.16	TH-232	<	2.30	
	FMP-SD-40-014	1378446.00	480059.00	.00	.16	U-238	=	7.40	2.90
	FMP-SD-40-015	1378369.00	480023.00	.00	.42	CS-137	<	.10	
	FMP-SD-40-015	1378369.00	480023.00	.00	.42	RA-226	<	.50	
	FMP-SD-40-015	1378369.00	480023.00	.00	.42	RU-106	<	5.30	
	FMP-SD-40-015	1378369.00	480023.00	.00	.42	TH-232	<	1.70	
	FMP-SD-40-015	1378369.00	480023.00	.00	.42	U-238	=	8.10	2.40
	FMP-SD-40-016	1378298.00	479984.00	.00	.50	CS-137	<	.50	
	FMP-SD-40-016	1378298.00	479984.00	.00	.50	RA-226	<	1.60	
	FMP-SD-40-016	1378298.00	479984.00	.00	.50	RU-106	<	.40	
	FMP-SD-40-016	1378298.00	479984.00	.00	.50	TH-232	<	.20	
	FMP-SD-40-016	1378298.00	479984.00	.00	.50	U-238	=	5.60	2.20
	FMP-SD-40-017	1378196.00	479964.00	.00	.20	CS-137	<	.10	
	FMP-SD-40-017	1378196.00	479964.00	.00	.20	RA-226	=	.70	.30
	FMP-SD-40-017	1378196.00	479964.00	.00	.20	RU-106	<	4.90	
	FMP-SD-40-017	1378196.00	479964.00	.00	.20	TH-232	<	1.90	
	FMP-SD-40-017	1378196.00	479964.00	.00	.20	U-238	<	5.20	
45	FMP-SS-45-001	.00	.00	.00	.04	CS-137	<	.50	.00
	FMP-SS-45-001	.00	.00	.00	.04	RA-226	=	.40	.30
	FMP-SS-45-001	.00	.00	.00	.04	RU-106	<	5.30	.00
	FMP-SS-45-001	.00	.00	.00	.04	TH-232	=	.60	.30
	FMP-SS-45-001	.00	.00	.00	.04	U-238	<	8.90	
	FMP-SS-45-002	.00	.00	.00	.04	CS-137	<	.30	.00
	FMP-SS-45-002	.00	.00	.00	.04	RA-226	=	.80	.20
	FMP-SS-45-002	.00	.00	.00	.04	RU-106	<	7.30	.00
	FMP-SS-45-002	.00	.00	.00	.04	TH-232	=	.70	.30
	FMP-SS-45-002	.00	.00	.00	.04	U-238	<	7.50	
	FMP-SS-45-003	.00	.00	.00	.04	CS-137	=	.60	.20
	FMP-SS-45-003	.00	.00	.00	.04	RA-226	=	.50	.20
	FMP-SS-45-003	.00	.00	.00	.04	RU-106	<	3.70	.00
	FMP-SS-45-003	.00	.00	.00	.04	TH-232	=	.80	.20
	FMP-SS-45-003	.00	.00	.00	.04	U-238	<	4.90	.00
	FMP-SS-45-004	.00	.00	.00	.04	CS-137	=	.50	.20
	FMP-SS-45-004	.00	.00	.00	.04	RA-226	=	.50	.20
	FMP-SS-45-004	.00	.00	.00	.04	RU-106	<	5.90	.00
	FMP-SS-45-004	.00	.00	.00	.04	TH-232	=	.80	.30
	FMP-SS-45-004	.00	.00	.00	.04	U-238	<	5.20	.00
	FMP-SS-45-005	.00	.00	.00	.04	CS-137	=	.30	.20
	FMP-SS-45-005	.00	.00	.00	.04	RA-226	=	.60	.20
	FMP-SS-45-005	.00	.00	.00	.04	RU-106	<	2.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
45	FMP-SS-45-005	.00	.00	.00	.04	TH-232	=	1.10	.20
	FMP-SS-45-005	.00	.00	.00	.04	U-238	<	5.00	.00
	FMP-SS-45-006	.00	.00	.00	.04	CS-137	<	.70	
	FMP-SS-45-006	.00	.00	.00	.04	RA-226	=	.60	.30
	FMP-SS-45-006	.00	.00	.00	.04	RU-106	<	6.30	
	FMP-SS-45-006	.00	.00	.00	.04	TH-232	=	.20	.20
	FMP-SS-45-006	.00	.00	.00	.04	U-238	=	2.10	1.80
	FMP-SS-45-007	.00	.00	.00	.04	CS-137	=	.30	.20
	FMP-SS-45-007	.00	.00	.00	.04	RA-226	=	.60	.20
	FMP-SS-45-007	.00	.00	.00	.04	RU-106	<	3.40	
	FMP-SS-45-007	.00	.00	.00	.04	TH-232	=	1.00	.30
	FMP-SS-45-007	.00	.00	.00	.04	U-238	<	8.60	
	FMP-SS-45-008	.00	.00	.00	.04	CS-137	=	.40	.20
	FMP-SS-45-008	.00	.00	.00	.04	RA-226	=	.70	.20
	FMP-SS-45-008	.00	.00	.00	.04	RU-106	<	3.90	
	FMP-SS-45-008	.00	.00	.00	.04	TH-232	=	.90	.30
	FMP-SS-45-008	.00	.00	.00	.04	U-238	=	3.20	2.50
	FMP-SS-45-009	.00	.00	.00	.04	CS-137	=	.40	.20
	FMP-SS-45-009	.00	.00	.00	.04	RA-226	=	.80	.20
	FMP-SS-45-009	.00	.00	.00	.04	RU-106	<	4.80	
	FMP-SS-45-009	.00	.00	.00	.04	TH-232	=	1.10	.20
	FMP-SS-45-009	.00	.00	.00	.04	U-238	<	8.90	
	FMP-SS-45-010	.00	.00	.00	.50	CS-137	=	.50	.20
	FMP-SS-45-010	.00	.00	.00	.50	RA-226	=	.60	.20
	FMP-SS-45-010	.00	.00	.00	.50	RU-106	<	3.50	
	FMP-SS-45-010	.00	.00	.00	.50	TH-232	=	.50	.30
	FMP-SS-45-010	.00	.00	.00	.50	U-238	<	7.30	
	FMP-SS-45-010D	.00	.00	.00	.50	CS-137	=	.50	.20
	FMP-SS-45-010D	.00	.00	.00	.50	RA-226	=	.50	.30
	FMP-SS-45-010D	.00	.00	.00	.50	RU-106	<	6.70	
	FMP-SS-45-010D	.00	.00	.00	.50	TH-232	=	.60	.30
	FMP-SS-45-010D	.00	.00	.00	.50	U-238	<	9.30	
	FMP-SS-45-011	.00	.00	.00	.50	CS-137	<	.60	
	FMP-SS-45-011	.00	.00	.00	.50	RA-226	=	.70	.30
	FMP-SS-45-011	.00	.00	.00	.50	RU-106	<	14.50	
	FMP-SS-45-011	.00	.00	.00	.50	TH-232	=	.80	.20
	FMP-SS-45-011	.00	.00	.00	.50	U-238	<	5.30	
	FMP-SS-45-012	.00	.00	.00	.50	CS-137	<	.30	
	FMP-SS-45-012	.00	.00	.00	.50	RA-226	<	.40	
	FMP-SS-45-012	.00	.00	.00	.50	RU-106	<	2.80	
	FMP-SS-45-012	.00	.00	.00	.50	TH-232	=	.80	.20
	FMP-SS-45-012	.00	.00	.00	.50	U-238	<	4.40	
	FMP-SS-45-013	.00	.00	.00	.50	CS-137	<	.30	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
45	FMP-SS-45-013	.00	.00	.00	.50	RA-226	=	.40	.20
	FMP-SS-45-013	.00	.00	.00	.50	RU-106	<	3.40	
	FMP-SS-45-013	.00	.00	.00	.50	TH-232	=	1.10	.30
	FMP-SS-45-013	.00	.00	.00	.50	U-238	<	10.00	
	FMP-SS-45-014	.00	.00	.00	.50	CS-137	<	.60	
	FMP-SS-45-014	.00	.00	.00	.50	RA-226	=	.50	.30
	FMP-SS-45-014	.00	.00	.00	.50	RU-106	<	3.30	
	FMP-SS-45-014	.00	.00	.00	.50	TH-232	=	1.00	.30
	FMP-SS-45-014	.00	.00	.00	.50	U-238	<	8.60	
	FMP-SS-45-014S	.00	.00	.00	.50	CS-137	=	.20	.10
	FMP-SS-45-014S	.00	.00	.00	.50	RA-226	=	.50	.20
	FMP-SS-45-014S	.00	.00	.00	.50	RU-106	<	3.30	
	FMP-SS-45-014S	.00	.00	.00	.50	TH-232	=	.80	.20
	FMP-SS-45-014S	.00	.00	.00	.50	U-238	<	9.20	
	FMP-SS-45-015	.00	.00	.00	.50	CS-137	<	.40	
	FMP-SS-45-015	.00	.00	.00	.50	RA-226	=	.50	.40
	FMP-SS-45-015	.00	.00	.00	.50	RU-106	<	4.90	
	FMP-SS-45-015	.00	.00	.00	.50	TH-232	=	.90	.30
	FMP-SS-45-015	.00	.00	.00	.50	U-238	<	9.50	
	FMP-SS-45-015S	.00	.00	.00	.50	CS-137	=	.30	.20
	FMP-SS-45-015S	.00	.00	.00	.50	RA-226	=	.70	.10
	FMP-SS-45-015S	.00	.00	.00	.50	RU-106	<	.40	
	FMP-SS-45-015S	.00	.00	.00	.50	TH-232	=	.70	.20
	FMP-SS-45-015S	.00	.00	.00	.50	U-238	<	4.80	
46	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	CS-137	<	1.20	
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	RA-226	=	.70	.50
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	RU-106	<	3.70	
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	TH-232	<	2.50	
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	U-238	=	99.70	8.50
	FMP-SL-46-239	1379709.60	482048.74	.50	1.00	CS-137	<	.50	
	FMP-SL-46-239	1379709.60	482048.74	.50	1.00	RA-226	<	.60	
	FMP-SL-46-239	1379709.60	482048.74	.50	1.00	RU-106	<	.50	
	FMP-SL-46-239	1379709.60	482048.74	.50	1.00	TH-232	<	1.10	
	FMP-SL-46-239	1379709.60	482048.74	.50	1.00	U-238	=	9.10	3.80
	FMP-SL-46-240	1379458.33	482005.60	.50	1.00	CS-137	<	.90	
	FMP-SL-46-240	1379458.33	482005.60	.50	1.00	RA-226	=	.90	.60
	FMP-SL-46-240	1379458.33	482005.60	.50	1.00	RU-106	<	8.10	
	FMP-SL-46-240	1379458.33	482005.60	.50	1.00	TH-232	=	2.00	.60
	FMP-SL-46-240	1379458.33	482005.60	.50	1.00	U-238	=	23.40	4.20
	FMP-SL-46-241	1379151.60	481763.90	.50	1.00	CS-137	<	.80	
	FMP-SL-46-241	1379151.60	481763.90	.50	1.00	RA-226	<	1.40	
	FMP-SL-46-241	1379151.60	481763.90	.50	1.00	RU-106	<	.60	
	FMP-SL-46-241	1379151.60	481763.90	.50	1.00	TH-232	<	2.60	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-241	1379151.60	481763.90	.50	1.00	U-238	=	36.20	6.00
	FMP-SL-46-241D	1379151.60	481763.90	.50	1.00	CS-137	<	.60	
	FMP-SL-46-241D	1379151.60	481763.90	.50	1.00	RA-226	=	.90	.50
	FMP-SL-46-241D	1379151.60	481763.90	.50	1.00	RU-106	<	8.30	
	FMP-SL-46-241D	1379151.60	481763.90	.50	1.00	TH-232	=	1.00	.40
	FMP-SL-46-241D	1379151.60	481763.90	.50	1.00	U-238	=	39.10	5.70
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	CS-137	<	1.00	
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	RA-226	=	.90	.60
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	RU-106	<	11.70	
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	TH-232	=	1.30	.80
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	U-238	=	72.70	6.00
	FMP-SL-46-243	1379258.40	482011.07	.50	1.00	CS-137	<	.50	
	FMP-SL-46-243	1379258.40	482011.07	.50	1.00	RA-226	=	.40	.20
	FMP-SL-46-243	1379258.40	482011.07	.50	1.00	RU-106	<	.60	
	FMP-SL-46-243	1379258.40	482011.07	.50	1.00	TH-232	=	.60	.30
	FMP-SL-46-243	1379258.40	482011.07	.50	1.00	U-238	=	8.40	2.20
	FMP-SL-46-244	1379505.57	481904.27	.50	1.00	CS-137	<	.60	
	FMP-SL-46-244	1379505.57	481904.27	.50	1.00	RA-226	<	.60	
	FMP-SL-46-244	1379505.57	481904.27	.50	1.00	RU-106	<	6.80	
	FMP-SL-46-244	1379505.57	481904.27	.50	1.00	TH-232	=	.70	.30
	FMP-SL-46-244	1379505.57	481904.27	.50	1.00	U-238	<	9.60	
	FMP-SL-46-245	1379454.22	481855.65	.50	1.00	CS-137	<	.40	
	FMP-SL-46-245	1379454.22	481855.65	.50	1.00	RA-226	=	.90	.30
	FMP-SL-46-245	1379454.22	481855.65	.50	1.00	RU-106	<	8.40	
	FMP-SL-46-245	1379454.22	481855.65	.50	1.00	TH-232	=	.70	.40
	FMP-SL-46-245	1379454.22	481855.65	.50	1.00	U-238	=	21.40	4.10
	FMP-SL-46-246	1379755.48	481897.43	.50	1.00	CS-137	<	.10	
	FMP-SL-46-246	1379755.48	481897.43	.50	1.00	RA-226	=	.80	.60
	FMP-SL-46-246	1379755.48	481897.43	.50	1.00	RU-106	<	.60	
	FMP-SL-46-246	1379755.48	481897.43	.50	1.00	TH-232	<	.30	
	FMP-SL-46-246	1379755.48	481897.43	.50	1.00	U-238	=	22.00	4.00
	FMP-SL-46-247	1379252.93	481811.14	.50	1.00	CS-137	<	.60	
	FMP-SL-46-247	1379252.93	481811.14	.50	1.00	RA-226	<	1.60	
	FMP-SL-46-247	1379252.93	481811.14	.50	1.00	RU-106	<	5.50	
	FMP-SL-46-247	1379252.93	481811.14	.50	1.00	TH-232	=	.50	.40
	FMP-SL-46-247	1379252.93	481811.14	.50	1.00	U-238	=	5.00	2.20
	FMP-SL-46-248	1379202.95	481812.51	.50	1.00	CS-137	<	.80	
	FMP-SL-46-248	1379202.95	481812.51	.50	1.00	RA-226	=	.50	.30
	FMP-SL-46-248	1379202.95	481812.51	.50	1.00	RU-106	<	.60	
	FMP-SL-46-248	1379202.95	481812.51	.50	1.00	TH-232	<	3.60	
	FMP-SL-46-248	1379202.95	481812.51	.50	1.00	U-238	=	9.00	2.90
	FMP-SL-46-249	1379096.15	481565.34	.50	1.00	CS-137	<	1.10	
	FMP-SL-46-249	1379096.15	481565.34	.50	1.00	RA-226	<	1.50	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-249	1379096.15	481565.34	.50	1.00	RU-106	<	2.80	
	FMP-SL-46-249	1379096.15	481565.34	.50	1.00	TH-232	=	1.20	.60
	FMP-SL-46-249	1379096.15	481565.34	.50	1.00	U-238	=	11.30	3.50
	FMP-SL-46-250	1378692.19	481426.34	.50	1.00	CS-137	<	.10	
	FMP-SL-46-250	1378692.19	481426.34	.50	1.00	RA-226	=	.80	.30
	FMP-SL-46-250	1378692.19	481426.34	.50	1.00	RU-106	<	.40	
	FMP-SL-46-250	1378692.19	481426.34	.50	1.00	TH-232	=	.60	.30
	FMP-SL-46-250	1378692.19	481426.34	.50	1.00	U-238	=	4.60	2.00
	FMP-SL-46-251	1378740.80	481374.99	.50	1.00	CS-137	<	.10	
	FMP-SL-46-251	1378740.80	481374.99	.50	1.00	RA-226	<	2.00	
	FMP-SL-46-251	1378740.80	481374.99	.50	1.00	RU-106	<	4.30	
	FMP-SL-46-251	1378740.80	481374.99	.50	1.00	TH-232	<	3.10	
	FMP-SL-46-251	1378740.80	481374.99	.50	1.00	U-238	=	4.70	2.20
	FMP-SL-46-251D	1378740.80	481374.99	.50	1.00	CS-137	<	.50	
	FMP-SL-46-251D	1378740.80	481374.99	.50	1.00	RA-226	<	.60	
	FMP-SL-46-251D	1378740.80	481374.99	.50	1.00	RU-106	<	4.30	
	FMP-SL-46-251D	1378740.80	481374.99	.50	1.00	TH-232	=	.70	.50
	FMP-SL-46-251D	1378740.80	481374.99	.50	1.00	U-238	=	3.70	2.20
	FMP-SL-46-252	1378739.44	481325.01	.50	1.00	CS-137	<	.30	
	FMP-SL-46-252	1378739.44	481325.01	.50	1.00	RA-226	<	.70	
	FMP-SL-46-252	1378739.44	481325.01	.50	1.00	RU-106	<	5.50	
	FMP-SL-46-252	1378739.44	481325.01	.50	1.00	TH-232	=	1.10	.60
	FMP-SL-46-252	1378739.44	481325.01	.50	1.00	U-238	=	11.80	2.50
	FMP-SL-46-253Q	1378739.44	481325.01	.50	1.00	CS-137	<	.30	
	FMP-SL-46-253Q	1378739.44	481325.01	.50	1.00	RA-226	=	.50	.40
	FMP-SL-46-253Q	1378739.44	481325.01	.50	1.00	RU-106	<	.50	
	FMP-SL-46-253Q	1378739.44	481325.01	.50	1.00	TH-232	=	.50	.30
	FMP-SL-46-253Q	1378739.44	481325.01	.50	1.00	U-238	=	15.80	2.80
	FMP-SL-46-254	1378636.74	481227.78	1.00	1.50	CS-137	<	.10	
	FMP-SL-46-254	1378636.74	481227.78	1.00	1.50	RA-226	=	.90	.30
	FMP-SL-46-254	1378636.74	481227.78	1.00	1.50	RU-106	<	2.30	
	FMP-SL-46-254	1378636.74	481227.78	1.00	1.50	TH-232	=	.90	.30
	FMP-SL-46-254	1378636.74	481227.78	1.00	1.50	U-238	=	4.60	2.20
	FMP-SL-46-255	1378636.74	481227.78	.50	1.00	CS-137	<	.60	
	FMP-SL-46-255	1378636.74	481227.78	.50	1.00	RA-226	=	.70	.30
	FMP-SL-46-255	1378636.74	481227.78	.50	1.00	RU-106	<	4.40	
	FMP-SL-46-255	1378636.74	481227.78	.50	1.00	TH-232	=	1.10	.40
	FMP-SL-46-255	1378636.74	481227.78	.50	1.00	U-238	=	8.10	2.60
	FMP-SL-46-256	1378435.44	481183.28	.50	1.00	CS-137	<	.60	
	FMP-SL-46-256	1378435.44	481183.28	.50	1.00	RA-226	=	2.10	.40
	FMP-SL-46-256	1378435.44	481183.28	.50	1.00	RU-106	<	3.90	
	FMP-SL-46-256	1378435.44	481183.28	.50	1.00	TH-232	=	2.30	.90
	FMP-SL-46-256	1378435.44	481183.28	.50	1.00	U-238	=	39.90	4.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-257	1378435.44	481183.28	1.00	1.50	CS-137	<	.60	
	FMP-SL-46-257	1378435.44	481183.28	1.00	1.50	RA-226	=	1.90	.50
	FMP-SL-46-257	1378435.44	481183.28	1.00	1.50	RU-106	<	4.40	
	FMP-SL-46-257	1378435.44	481183.28	1.00	1.50	TH-232	=	2.50	.70
	FMP-SL-46-257	1378435.44	481183.28	1.00	1.50	U-238	=	78.20	7.00
	FMP-SL-46-258	1378384.10	481134.66	.50	1.00	CS-137	<	.10	
	FMP-SL-46-258	1378384.10	481134.66	.50	1.00	RA-226	=	1.70	.70
	FMP-SL-46-258	1378384.10	481134.66	.50	1.00	RU-106	<	7.90	
	FMP-SL-46-258	1378384.10	481134.66	.50	1.00	TH-232	<	2.90	
	FMP-SL-46-258	1378384.10	481134.66	.50	1.00	U-238	=	76.50	6.40
	FMP-SL-46-259	1378384.10	481134.66	1.00	1.50	CS-137	<	.90	
	FMP-SL-46-259	1378384.10	481134.66	1.00	1.50	RA-226	<	.10	
	FMP-SL-46-259	1378384.10	481134.66	1.00	1.50	RU-106	<	4.70	
	FMP-SL-46-259	1378384.10	481134.66	1.00	1.50	TH-232	=	1.40	.70
	FMP-SL-46-259	1378384.10	481134.66	1.00	1.50	U-238	=	32.70	4.30
	FMP-SL-46-260	1378234.15	481138.77	.50	1.00	CS-137	<	1.10	
	FMP-SL-46-260	1378234.15	481138.77	.50	1.00	RA-226	=	1.40	.40
	FMP-SL-46-260	1378234.15	481138.77	.50	1.00	RU-106	<	10.50	
	FMP-SL-46-260	1378234.15	481138.77	.50	1.00	TH-232	=	16.30	1.10
	FMP-SL-46-260	1378234.15	481138.77	.50	1.00	U-238	=	133.00	11.00
	FMP-SL-46-260D	1378234.15	481138.77	.50	1.00	CS-137	<	1.40	
	FMP-SL-46-260D	1378234.15	481138.77	.50	1.00	RA-226	=	2.00	1.00
	FMP-SL-46-260D	1378234.15	481138.77	.50	1.00	RU-106	<	6.20	
	FMP-SL-46-260D	1378234.15	481138.77	.50	1.00	TH-232	=	14.90	1.10
	FMP-SL-46-260D	1378234.15	481138.77	.50	1.00	U-238	=	135.00	11.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	CS-137	<	4.60	
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	RA-226	=	12.20	3.60
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	RU-106	<	23.10	
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	TH-232	=	170.00	39.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	U-238	=	702.00	50.00
	FMP-SL-46-262	1379051.64	481766.64	.50	1.00	CS-137	<	.60	
	FMP-SL-46-262	1379051.64	481766.64	.50	1.00	RA-226	=	.90	.40
	FMP-SL-46-262	1379051.64	481766.64	.50	1.00	RU-106	<	6.70	
	FMP-SL-46-262	1379051.64	481766.64	.50	1.00	TH-232	=	1.50	.40
	FMP-SL-46-262	1379051.64	481766.64	.50	1.00	U-238	=	44.30	5.60
	FMP-SL-46-263	1379051.64	481766.64	1.00	1.50	CS-137	<	.50	
	FMP-SL-46-263	1379051.64	481766.64	1.00	1.50	RA-226	=	.70	.20
	FMP-SL-46-263	1379051.64	481766.64	1.00	1.50	RU-106	<	6.30	
	FMP-SL-46-263	1379051.64	481766.64	1.00	1.50	TH-232	=	1.20	.40
	FMP-SL-46-263	1379051.64	481766.64	1.00	1.50	U-238	=	13.80	4.00
	FMP-SL-46-264	1379050.27	481716.65	.50	1.00	CS-137	<	.50	
	FMP-SL-46-264	1379050.27	481716.65	.50	1.00	RA-226	<	1.00	
	FMP-SL-46-264	1379050.27	481716.65	.50	1.00	RU-106	<	4.00	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-264	1379050.27	481716.65	.50	1.00	TH-232	<	.90	
	FMP-SL-46-264	1379050.27	481716.65	.50	1.00	U-238	=	19.60	2.80
	FMP-SL-46-265	1379611.01	482101.46	.50	1.00	CS-137	=	1.40	.50
	FMP-SL-46-265	1379611.01	482101.46	.50	1.00	RA-226	=	1.70	.70
	FMP-SL-46-265	1379611.01	482101.46	.50	1.00	RU-106	<	8.20	
	FMP-SL-46-265	1379611.01	482101.46	.50	1.00	TH-232	=	3.80	.70
	FMP-SL-46-265	1379611.01	482101.46	.50	1.00	U-238	=	99.60	10.00
	FMP-SL-46-266	1379611.01	482101.46	1.00	1.50	CS-137	=	.90	.60
	FMP-SL-46-266	1379611.01	482101.46	1.00	1.50	RA-226	=	2.30	.60
	FMP-SL-46-266	1379611.01	482101.46	1.00	1.50	RU-106	<	7.00	
	FMP-SL-46-266	1379611.01	482101.46	1.00	1.50	TH-232	=	4.40	1.40
	FMP-SL-46-266	1379611.01	482101.46	1.00	1.50	U-238	=	107.00	10.00
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	CS-137	<	.40	
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	RA-226	<	.70	
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	RU-106	<	3.50	
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	TH-232	=	1.10	.40
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	U-238	=	6.70	2.80
	FMP-SL-46-270	1379675.40	480799.21	.16	.50	CS-137	<	.60	
	FMP-SL-46-270	1379675.40	480799.21	.16	.50	RA-226	=	.70	.30
	FMP-SL-46-270	1379675.40	480799.21	.16	.50	RU-106	<	3.70	
	FMP-SL-46-270	1379675.40	480799.21	.16	.50	TH-232	<	1.90	
	FMP-SL-46-270	1379675.40	480799.21	.16	.50	U-238	=	5.00	3.00
	FMP-SL-46-270D	1379675.40	480799.21	.16	.50	CS-137	<	.20	
	FMP-SL-46-270D	1379675.40	480799.21	.16	.50	RA-226	=	.60	.50
	FMP-SL-46-270D	1379675.40	480799.21	.16	.50	RU-106	<	3.70	
	FMP-SL-46-270D	1379675.40	480799.21	.16	.50	TH-232	=	.90	.30
	FMP-SL-46-270D	1379675.40	480799.21	.16	.50	U-238	=	3.00	2.00
	FMP-SL-46-272	1379775.36	480796.47	.16	.50	CS-137	<	.10	
	FMP-SL-46-272	1379775.36	480796.47	.16	.50	RA-226	=	.80	.20
	FMP-SL-46-272	1379775.36	480796.47	.16	.50	RU-106	<	.50	
	FMP-SL-46-272	1379775.36	480796.47	.16	.50	TH-232	=	.80	.50
	FMP-SL-46-272	1379775.36	480796.47	.16	.50	U-238	<	8.00	
	FMP-SL-46-274	1379778.10	480896.43	.16	.50	CS-137	=	.60	.20
	FMP-SL-46-274	1379778.10	480896.43	.16	.50	RA-226	=	.80	.30
	FMP-SL-46-274	1379778.10	480896.43	.16	.50	RU-106	<	5.50	
	FMP-SL-46-274	1379778.10	480896.43	.16	.50	TH-232	=	.80	.40
	FMP-SL-46-274	1379778.10	480896.43	.16	.50	U-238	=	5.10	3.20
	FMP-SL-46-276	1379678.14	480899.17	.16	.50	CS-137	<	.10	
	FMP-SL-46-276	1379678.14	480899.17	.16	.50	RA-226	=	.90	.30
	FMP-SL-46-276	1379678.14	480899.17	.16	.50	RU-106	<	6.70	
	FMP-SL-46-276	1379678.14	480899.17	.16	.50	TH-232	=	.70	.30
	FMP-SL-46-276	1379678.14	480899.17	.16	.50	U-238	<	5.60	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	CS-137	<	1.00	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-277	1379729.49	480947.78	.16	.50	RA-226	<	1.00	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	RU-106	<	6.00	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	TH-232	<	3.10	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	U-238	=	14.60	8.50
	FMP-SL-46-279	1379780.84	480996.40	.16	.50	CS-137	<	.60	
	FMP-SL-46-279	1379780.84	480996.40	.16	.50	RA-226	<	.80	
	FMP-SL-46-279	1379780.84	480996.40	.16	.50	RU-106	<	.50	
	FMP-SL-46-279	1379780.84	480996.40	.16	.50	TH-232	=	.60	.40
	FMP-SL-46-279	1379780.84	480996.40	.16	.50	U-238	<	5.80	
	FMP-SL-46-282	1379578.17	480901.91	.16	.50	CS-137	=	.50	.20
	FMP-SL-46-282	1379578.17	480901.91	.16	.50	RA-226	=	.70	.30
	FMP-SL-46-282	1379578.17	480901.91	.16	.50	RU-106	<	5.30	
	FMP-SL-46-282	1379578.17	480901.91	.16	.50	TH-232	<	4.20	
	FMP-SL-46-282	1379578.17	480901.91	.16	.50	U-238	=	6.40	4.20
	FMP-SL-46-283Q	1379578.17	480901.91	.16	.50	CS-137	<	.40	
	FMP-SL-46-283Q	1379578.17	480901.91	.16	.50	RA-226	=	.80	.30
	FMP-SL-46-283Q	1379578.17	480901.91	.16	.50	RU-106	<	.50	
	FMP-SL-46-283Q	1379578.17	480901.91	.16	.50	TH-232	=	.90	.30
	FMP-SL-46-283Q	1379578.17	480901.91	.16	.50	U-238	=	5.00	2.50
	FMP-SL-46-284	1379578.17	480901.91	.50	1.00	CS-137	<	.30	
	FMP-SL-46-284	1379578.17	480901.91	.50	1.00	RA-226	=	.80	.40
	FMP-SL-46-284	1379578.17	480901.91	.50	1.00	RU-106	<	.50	
	FMP-SL-46-284	1379578.17	480901.91	.50	1.00	TH-232	=	.40	.30
	FMP-SL-46-284	1379578.17	480901.91	.50	1.00	U-238	<	4.70	
	FMP-SL-46-285Q	1379578.17	480901.91	.00	.16	CS-137	<	.40	
	FMP-SL-46-285Q	1379578.17	480901.91	.00	.16	RA-226	<	.80	
	FMP-SL-46-285Q	1379578.17	480901.91	.00	.16	RU-106	<	15.50	
	FMP-SL-46-285Q	1379578.17	480901.91	.00	.16	TH-232	=	.40	.30
	FMP-SL-46-285Q	1379578.17	480901.91	.00	.16	U-238	<	6.70	
	FMP-SL-46-286	1379578.17	480901.91	1.00	1.50	CS-137	<	.10	
	FMP-SL-46-286	1379578.17	480901.91	1.00	1.50	RA-226	=	.80	.60
	FMP-SL-46-286	1379578.17	480901.91	1.00	1.50	RU-106	<	4.00	
	FMP-SL-46-286	1379578.17	480901.91	1.00	1.50	TH-232	=	.70	.40
	FMP-SL-46-286	1379578.17	480901.91	1.00	1.50	U-238	<	7.60	
	FMP-SL-46-287QC	1379578.17	480901.91	1.00	1.50	CS-137	<	.40	
	FMP-SL-46-287QC	1379578.17	480901.91	1.00	1.50	RA-226	=	.70	.30
	FMP-SL-46-287QC	1379578.17	480901.91	1.00	1.50	RU-106	<	7.20	
	FMP-SL-46-287QC	1379578.17	480901.91	1.00	1.50	TH-232	=	.60	.40
	FMP-SL-46-287QC	1379578.17	480901.91	1.00	1.50	U-238	<	9.80	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	CS-137	<	.30	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	RA-226	=	.60	.20
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	RU-106	<	.50	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	TH-232	=	.90	.30

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	U-238	<	3.50	
	FMP-SL-46-289QC	1379578.17	480901.91	1.50	2.00	CS-137	<	.50	
	FMP-SL-46-289QC	1379578.17	480901.91	1.50	2.00	RA-226	<	.50	
	FMP-SL-46-289QC	1379578.17	480901.91	1.50	2.00	RU-106	<	.50	
	FMP-SL-46-289QC	1379578.17	480901.91	1.50	2.00	TH-232	=	.80	.30
	FMP-SL-46-289QC	1379578.17	480901.91	1.50	2.00	U-238	<	8.70	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	CS-137	<	.10	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	RA-226	<	.60	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	RU-106	<	4.40	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	TH-232	=	.70	.30
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	U-238	<	10.10	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	CS-137	<	.50	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	RA-226	=	.50	.20
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	RU-106	<	11.50	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	TH-232	=	.90	.40
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	U-238	=	3.20	1.60
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	CS-137	<	.70	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	RA-226	=	.50	.30
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	RU-106	<	4.40	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	TH-232	=	.90	.40
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	U-238	<	8.50	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	CS-137	<	.10	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	RA-226	=	.90	.40
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	RU-106	<	.50	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	TH-232	=	1.00	.40
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	U-238	<	9.30	
	FMP-SL-46-302	1379594.59	481501.68	.16	.50	CS-137	<	.80	
	FMP-SL-46-302	1379594.59	481501.68	.16	.50	RA-226	<	.70	
	FMP-SL-46-302	1379594.59	481501.68	.16	.50	RU-106	<	6.90	
	FMP-SL-46-302	1379594.59	481501.68	.16	.50	TH-232	=	.60	.50
	FMP-SL-46-302	1379594.59	481501.68	.16	.50	U-238	<	9.50	
	FMP-SL-46-303	1379594.59	481501.68	.50	1.00	CS-137	<	.60	
	FMP-SL-46-303	1379594.59	481501.68	.50	1.00	RA-226	<	1.10	
	FMP-SL-46-303	1379594.59	481501.68	.50	1.00	RU-106	<	10.10	
	FMP-SL-46-303	1379594.59	481501.68	.50	1.00	TH-232	<	2.10	
	FMP-SL-46-303	1379594.59	481501.68	.50	1.00	U-238	=	4.40	2.00
	FMP-SL-46-304	1379594.59	481501.68	1.00	1.50	CS-137	<	.20	
	FMP-SL-46-304	1379594.59	481501.68	1.00	1.50	RA-226	<	2.00	
	FMP-SL-46-304	1379594.59	481501.68	1.00	1.50	RU-106	<	.50	
	FMP-SL-46-304	1379594.59	481501.68	1.00	1.50	TH-232	=	.70	.50
	FMP-SL-46-304	1379594.59	481501.68	1.00	1.50	U-238	=	3.80	2.20
	FMP-SL-46-305	1379594.59	481501.68	1.50	2.00	CS-137	<	.10	
	FMP-SL-46-305	1379594.59	481501.68	1.50	2.00	RA-226	<	1.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-305	1379594.59	481501.68	1.50	2.00	RU-106	<	.60	
	FMP-SL-46-305	1379594.59	481501.68	1.50	2.00	TH-232	=	.80	.50
	FMP-SL-46-305	1379594.59	481501.68	1.50	2.00	U-238	<	5.30	
	FMP-SL-46-326	1378423.13	480733.44	.16	.50	CS-137	<	.90	
	FMP-SL-46-326	1378423.13	480733.44	.16	.50	RA-226	=	3.20	.60
	FMP-SL-46-326	1378423.13	480733.44	.16	.50	RU-106	<	4.90	
	FMP-SL-46-326	1378423.13	480733.44	.16	.50	TH-232	<	4.30	
	FMP-SL-46-326	1378423.13	480733.44	.16	.50	U-238	<	13.70	
	FMP-SL-46-327	1378623.06	480727.97	.16	.50	CS-137	<	.10	
	FMP-SL-46-327	1378623.06	480727.97	.16	.50	RA-226	=	1.00	.30
	FMP-SL-46-327	1378623.06	480727.97	.16	.50	RU-106	<	4.90	
	FMP-SL-46-327	1378623.06	480727.97	.16	.50	TH-232	=	.40	.20
	FMP-SL-46-327	1378623.06	480727.97	.16	.50	U-238	=	3.00	2.20
	FMP-SL-46-329	1380233.71	482228.47	.16	.50	CS-137	=	.50	.40
	FMP-SL-46-329	1380233.71	482228.47	.16	.50	RA-226	=	1.20	.70
	FMP-SL-46-329	1380233.71	482228.47	.16	.50	RU-106	<	10.00	
	FMP-SL-46-329	1380233.71	482228.47	.16	.50	TH-232	=	1.70	.80
	FMP-SL-46-329	1380233.71	482228.47	.16	.50	U-238	=	56.30	6.50
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	CS-137	<	.90	
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	RA-226	=	4.80	.70
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	RU-106	<	7.60	
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	TH-232	=	6.20	.80
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	U-238	=	65.60	13.00
	FMP-SL-46-395	1378535.41	481180.54	1.00	1.50	CS-137	=	.40	.30
	FMP-SL-46-395	1378535.41	481180.54	1.00	1.50	RA-226	=	4.40	.70
	FMP-SL-46-395	1378535.41	481180.54	1.00	1.50	RU-106	<	12.50	
	FMP-SL-46-395	1378535.41	481180.54	1.00	1.50	TH-232	=	3.80	.90
	FMP-SL-46-395	1378535.41	481180.54	1.00	1.50	U-238	=	56.30	5.60
	FMP-SL-46-396	1378534.04	481130.56	.50	1.00	CS-137	<	.50	
	FMP-SL-46-396	1378534.04	481130.56	.50	1.00	RA-226	=	1.20	.70
	FMP-SL-46-396	1378534.04	481130.56	.50	1.00	RU-106	<	7.80	
	FMP-SL-46-396	1378534.04	481130.56	.50	1.00	TH-232	=	2.10	.50
	FMP-SL-46-396	1378534.04	481130.56	.50	1.00	U-238	=	17.40	3.30
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	CS-137	<	.90	
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	RA-226	<	2.00	
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	RU-106	<	11.10	
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	TH-232	=	1.40	.50
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	U-238	=	55.30	5.50
	FMP-SL-46-398	1378844.87	481522.20	.50	1.00	CS-137	<	.90	
	FMP-SL-46-398	1378844.87	481522.20	.50	1.00	RA-226	<	1.30	
	FMP-SL-46-398	1378844.87	481522.20	.50	1.00	RU-106	<	5.00	
	FMP-SL-46-398	1378844.87	481522.20	.50	1.00	TH-232	=	1.80	.50
	FMP-SL-46-398	1378844.87	481522.20	.50	1.00	U-238	=	27.30	9.20

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-399	1378944.83	481519.46	.50	1.00	CS-137	<	.60	
	FMP-SL-46-399	1378944.83	481519.46	.50	1.00	RA-226	=	.90	.30
	FMP-SL-46-399	1378944.83	481519.46	.50	1.00	RU-106	<	7.80	
	FMP-SL-46-399	1378944.83	481519.46	.50	1.00	TH-232	=	1.90	.40
	FMP-SL-46-399	1378944.83	481519.46	.50	1.00	U-238	=	56.60	5.70
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	CS-137	<	.10	
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	RA-226	=	1.40	.30
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	RU-106	<	4.00	
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	TH-232	=	.40	.30
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	U-238	<	5.60	
	FMP-SL-46-401	1379398.77	481657.10	.50	1.00	CS-137	<	.70	
	FMP-SL-46-401	1379398.77	481657.10	.50	1.00	RA-226	=	1.10	.40
	FMP-SL-46-401	1379398.77	481657.10	.50	1.00	RU-106	<	6.50	
	FMP-SL-46-401	1379398.77	481657.10	.50	1.00	TH-232	=	.80	.50
	FMP-SL-46-401	1379398.77	481657.10	.50	1.00	U-238	<	11.20	
	FMP-SL-46-403D	1379412.97	481956.82	.16	.50	CS-137	<	1.00	
	FMP-SL-46-403D	1379412.97	481956.82	.16	.50	RA-226	<	2.70	
	FMP-SL-46-403D	1379412.97	481956.82	.16	.50	RU-106	<	18.00	
	FMP-SL-46-403D	1379412.97	481956.82	.16	.50	TH-232	=	2.70	.80
	FMP-SL-46-403D	1379412.97	481956.82	.16	.50	U-238	=	184.00	8.50
	FMP-SL-46-404QC	1379412.97	481956.82	.16	.50	CS-137	<	.60	
	FMP-SL-46-404QC	1379412.97	481956.82	.16	.50	RA-226	<	3.10	
	FMP-SL-46-404QC	1379412.97	481956.82	.16	.50	RU-106	<	11.10	
	FMP-SL-46-404QC	1379412.97	481956.82	.16	.50	TH-232	=	1.90	.80
	FMP-SL-46-404QC	1379412.97	481956.82	.16	.50	U-238	=	190.00	8.40
	FMP-SL-46-413	1379983.81	482235.31	.50	1.00	CS-137	<	.50	
	FMP-SL-46-413	1379983.81	482235.31	.50	1.00	RA-226	<	.50	
	FMP-SL-46-413	1379983.81	482235.31	.50	1.00	RU-106	<	10.80	
	FMP-SL-46-413	1379983.81	482235.31	.50	1.00	TH-232	<	1.20	
	FMP-SL-46-413	1379983.81	482235.31	.50	1.00	U-238	=	24.40	4.10
	FMP-SL-46-413D	1379983.81	482235.31	.50	1.00	CS-137	<	.50	
	FMP-SL-46-413D	1379983.81	482235.31	.50	1.00	RA-226	<	1.90	
	FMP-SL-46-413D	1379983.81	482235.31	.50	1.00	RU-106	<	5.70	
	FMP-SL-46-413D	1379983.81	482235.31	.50	1.00	TH-232	<	.30	
	FMP-SL-46-413D	1379983.81	482235.31	.50	1.00	U-238	=	25.10	3.30
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	CS-137	<	2.00	
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	RA-226	=	3.80	.80
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	RU-106	<	11.00	
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	TH-232	=	6.80	.80
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	U-238	=	39.60	5.80
	FMP-SL-46-416	1380151.74	482230.71	.16	.50	CS-137	<	.70	
	FMP-SL-46-416	1380151.74	482230.71	.16	.50	RA-226	=	1.70	.80
	FMP-SL-46-416	1380151.74	482230.71	.16	.50	RU-106	<	4.90	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-416	1380151.74	482230.71	.16	.50	TH-232	=	2.30	.70
	FMP-SL-46-416	1380151.74	482230.71	.16	.50	U-238	=	38.30	5.10
	FMP-SL-46-417	1379983.81	482235.31	.16	.50	CS-137	<	1.50	
	FMP-SL-46-417	1379983.81	482235.31	.16	.50	RA-226	=	1.70	.70
	FMP-SL-46-417	1379983.81	482235.31	.16	.50	RU-106	<	11.60	
	FMP-SL-46-417	1379983.81	482235.31	.16	.50	TH-232	=	3.60	.90
	FMP-SL-46-417	1379983.81	482235.31	.16	.50	U-238	=	313.00	13.00
	FMP-SL-46-418	1379524.40	481897.75	.16	.50	CS-137	<	1.40	
	FMP-SL-46-418	1379524.40	481897.75	.16	.50	RA-226	<	1.80	
	FMP-SL-46-418	1379524.40	481897.75	.16	.50	RU-106	<	7.10	
	FMP-SL-46-418	1379524.40	481897.75	.16	.50	TH-232	<	2.00	
	FMP-SL-46-418	1379524.40	481897.75	.16	.50	U-238	=	102.00	7.00
	FMP-SL-46-421	1380151.74	482230.71	.50	1.00	CS-137	<	.30	
	FMP-SL-46-421	1380151.74	482230.71	.50	1.00	RA-226	=	1.50	.60
	FMP-SL-46-421	1380151.74	482230.71	.50	1.00	RU-106	<	3.70	
	FMP-SL-46-421	1380151.74	482230.71	.50	1.00	TH-232	=	1.10	.50
	FMP-SL-46-421	1380151.74	482230.71	.50	1.00	U-238	=	10.30	2.60
	FMP-SL-46-433	1379045.48	481541.72	.16	.50	CS-137	<	1.70	
	FMP-SL-46-433	1379045.48	481541.72	.16	.50	RA-226	=	1.50	.30
	FMP-SL-46-433	1379045.48	481541.72	.16	.50	RU-106	<	6.40	
	FMP-SL-46-433	1379045.48	481541.72	.16	.50	TH-232	=	3.00	.80
	FMP-SL-46-433	1379045.48	481541.72	.16	.50	U-238	=	86.10	8.00
	FMP-SL-46-433D	1379045.48	481541.72	.16	.50	CS-137	=	.80	
	FMP-SL-46-433D	1379045.48	481541.72	.16	.50	RA-226	=	1.90	.70
	FMP-SL-46-433D	1379045.48	481541.72	.16	.50	RU-106	=	6.20	
	FMP-SL-46-433D	1379045.48	481541.72	.16	.50	TH-232	=	2.10	.80
	FMP-SL-46-433D	1379045.48	481541.72	.16	.50	U-238	=	86.00	8.50
	FMP-SL-46-439	1379128.50	481614.48	.16	.50	CS-137	<	1.60	
	FMP-SL-46-439	1379128.50	481614.48	.16	.50	RA-226	=	2.00	.80
	FMP-SL-46-439	1379128.50	481614.48	.16	.50	RU-106	<	15.00	
	FMP-SL-46-439	1379128.50	481614.48	.16	.50	TH-232	=	3.40	.90
	FMP-SL-46-439	1379128.50	481614.48	.16	.50	U-238	=	191.00	11.00
	FMP-SL-46-463	1379328.09	481816.09	.16	.50	CS-137	<	1.10	
	FMP-SL-46-463	1379328.09	481816.09	.16	.50	RA-226	<	1.20	
	FMP-SL-46-463	1379328.09	481816.09	.16	.50	RU-106	<	4.60	
	FMP-SL-46-463	1379328.09	481816.09	.16	.50	TH-232	<	1.80	
	FMP-SL-46-463	1379328.09	481816.09	.16	.50	U-238	=	234.00	11.00
	FMP-SL-46-463D	1379328.09	481816.09	.16	.50	CS-137	<	1.60	
	FMP-SL-46-463D	1379328.09	481816.09	.16	.50	RA-226	=	1.30	.80
	FMP-SL-46-463D	1379328.09	481816.09	.16	.50	RU-106	<	12.80	
	FMP-SL-46-463D	1379328.09	481816.09	.16	.50	TH-232	=	1.00	.70
	FMP-SL-46-463D	1379328.09	481816.09	.16	.50	U-238	=	236.00	15.00
	FMP-SL-46-471	1379262.02	481704.86	.16	.50	CS-137	<	.80	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-471	1379262.02	481704.86	.16	.50	RA-226	=	.70	.50
	FMP-SL-46-471	1379262.02	481704.86	.16	.50	RU-106	<	3.20	
	FMP-SL-46-471	1379262.02	481704.86	.16	.50	TH-232	=	.90	.50
	FMP-SL-46-471	1379262.02	481704.86	.16	.50	U-238	=	36.30	5.40
	FMP-SL-46-472	1379239.05	481742.50	.16	.50	CS-137	<	.60	
	FMP-SL-46-472	1379239.05	481742.50	.16	.50	RA-226	<	1.00	
	FMP-SL-46-472	1379239.05	481742.50	.16	.50	RU-106	<	9.20	
	FMP-SL-46-472	1379239.05	481742.50	.16	.50	TH-232	=	2.30	.60
	FMP-SL-46-472	1379239.05	481742.50	.16	.50	U-238	=	31.60	4.50
	FMP-SL-46-480	1378717.27	481355.63	.16	.50	CS-137	<	3.70	
	FMP-SL-46-480	1378717.27	481355.63	.16	.50	RA-226	=	3.80	1.20
	FMP-SL-46-480	1378717.27	481355.63	.16	.50	RU-106	<	14.00	
	FMP-SL-46-480	1378717.27	481355.63	.16	.50	TH-232	<	7.30	
	FMP-SL-46-480	1378717.27	481355.63	.16	.50	U-238	=	498.00	29.00
	FMP-SL-46-491	1378706.51	481510.98	.16	.50	CS-137	<	1.20	
	FMP-SL-46-491	1378706.51	481510.98	.16	.50	RA-226	=	1.70	.80
	FMP-SL-46-491	1378706.51	481510.98	.16	.50	RU-106	<	5.50	
	FMP-SL-46-491	1378706.51	481510.98	.16	.50	TH-232	=	3.50	.50
	FMP-SL-46-491	1378706.51	481510.98	.16	.50	U-238	=	122.00	10.00
	FMP-SL-46-492QC	1378706.51	481510.98	.16	.50	CS-137	<	1.20	
	FMP-SL-46-492QC	1378706.51	481510.98	.16	.50	RA-226	=	1.20	.70
	FMP-SL-46-492QC	1378706.51	481510.98	.16	.50	RU-106	<	7.60	
	FMP-SL-46-492QC	1378706.51	481510.98	.16	.50	TH-232	=	4.60	.70
	FMP-SL-46-492QC	1378706.51	481510.98	.16	.50	U-238	=	58.30	7.10
	FMP-SL-46-497	1378777.79	481373.98	.16	.50	CS-137	<	1.20	
	FMP-SL-46-497	1378777.79	481373.98	.16	.50	RA-226	<	1.70	
	FMP-SL-46-497	1378777.79	481373.98	.16	.50	RU-106	<	12.60	
	FMP-SL-46-497	1378777.79	481373.98	.16	.50	TH-232	=	4.90	1.10
	FMP-SL-46-497	1378777.79	481373.98	.16	.50	U-238	=	342.00	15.00
	FMP-SL-46-498QC	1378777.79	481373.98	.16	.50	CS-137	<	2.70	
	FMP-SL-46-498QC	1378777.79	481373.98	.16	.50	RA-226	<	4.30	
	FMP-SL-46-498QC	1378777.79	481373.98	.16	.50	RU-106	<	13.70	
	FMP-SL-46-498QC	1378777.79	481373.98	.16	.50	TH-232	=	5.20	2.10
	FMP-SL-46-498QC	1378777.79	481373.98	.16	.50	U-238	=	402.00	24.00
	FMP-SL-46-502	1378778.27	481354.96	.16	.50	CS-137	<	.10	
	FMP-SL-46-502	1378778.27	481354.96	.16	.50	RA-226	=	1.40	.90
	FMP-SL-46-502	1378778.27	481354.96	.16	.50	RU-106	<	7.90	
	FMP-SL-46-502	1378778.27	481354.96	.16	.50	TH-232	=	1.40	.70
	FMP-SL-46-502	1378778.27	481354.96	.16	.50	U-238	=	134.00	11.00
	FMP-SL-46-503D	1378778.27	481354.96	.16	.50	CS-137	<	1.00	
	FMP-SL-46-503D	1378778.27	481354.96	.16	.50	RA-226	<	2.50	
	FMP-SL-46-503D	1378778.27	481354.96	.16	.50	RU-106	<	28.40	
	FMP-SL-46-503D	1378778.27	481354.96	.16	.50	TH-232	<	8.60	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-503D	1378778.27	481354.96	.16	.50	U-238	=	115.00	15.00
	FMP-SL-46-503QC	1378778.27	481354.96	.16	.50	CS-137	<	1.10	
	FMP-SL-46-503QC	1378778.27	481354.96	.16	.50	RA-226	<	2.60	
	FMP-SL-46-503QC	1378778.27	481354.96	.16	.50	RU-106	<	12.60	
	FMP-SL-46-503QC	1378778.27	481354.96	.16	.50	TH-232	<	1.60	
	FMP-SL-46-503QC	1378778.27	481354.96	.16	.50	U-238	=	107.00	11.00
	FMP-SL-46-505	1379154.70	481657.77	.16	.50	CS-137	<	.90	
	FMP-SL-46-505	1379154.70	481657.77	.16	.50	RA-226	<	3.90	
	FMP-SL-46-505	1379154.70	481657.77	.16	.50	RU-106	<	9.80	
	FMP-SL-46-505	1379154.70	481657.77	.16	.50	TH-232	<	1.80	
	FMP-SL-46-505	1379154.70	481657.77	.16	.50	U-238	=	242.00	15.00
	FMP-SL-46-506	1379154.70	481657.77	.50	1.00	CS-137	<	.80	
	FMP-SL-46-506	1379154.70	481657.77	.50	1.00	RA-226	<	1.90	
	FMP-SL-46-506	1379154.70	481657.77	.50	1.00	RU-106	<	5.10	
	FMP-SL-46-506	1379154.70	481657.77	.50	1.00	TH-232	=	1.40	.50
	FMP-SL-46-506	1379154.70	481657.77	.50	1.00	U-238	=	104.00	7.00
	FMP-SL-46-512	1379210.68	481656.24	.16	.50	CS-137	<	.80	
	FMP-SL-46-512	1379210.68	481656.24	.16	.50	RA-226	=	1.60	.80
	FMP-SL-46-512	1379210.68	481656.24	.16	.50	RU-106	<	9.20	
	FMP-SL-46-512	1379210.68	481656.24	.16	.50	TH-232	=	2.70	.60
	FMP-SL-46-512	1379210.68	481656.24	.16	.50	U-238	=	140.00	10.00
	FMP-SL-46-513	1379210.68	481656.24	.50	1.00	CS-137	<	.80	
	FMP-SL-46-513	1379210.68	481656.24	.50	1.00	RA-226	<	2.00	
	FMP-SL-46-513	1379210.68	481656.24	.50	1.00	RU-106	<	8.40	
	FMP-SL-46-513	1379210.68	481656.24	.50	1.00	TH-232	=	2.10	.70
	FMP-SL-46-513	1379210.68	481656.24	.50	1.00	U-238	=	89.00	7.90
	FMP-SL-46-513D	1379210.68	481656.24	.50	1.00	CS-137	<	.90	
	FMP-SL-46-513D	1379210.68	481656.24	.50	1.00	RA-226	=	.90	.40
	FMP-SL-46-513D	1379210.68	481656.24	.50	1.00	RU-106	<	9.80	
	FMP-SL-46-513D	1379210.68	481656.24	.50	1.00	TH-232	=	2.00	.50
	FMP-SL-46-513D	1379210.68	481656.24	.50	1.00	U-238	=	84.10	7.20
	FMP-SL-46-515	1379391.92	481626.27	.16	.50	CS-137	<	.30	
	FMP-SL-46-515	1379391.92	481626.27	.16	.50	RA-226	=	.80	.60
	FMP-SL-46-515	1379391.92	481626.27	.16	.50	RU-106	<	6.90	
	FMP-SL-46-515	1379391.92	481626.27	.16	.50	TH-232	=	2.90	.70
	FMP-SL-46-515	1379391.92	481626.27	.16	.50	U-238	=	88.90	9.00
	FMP-SL-46-517	1379412.40	481606.71	.16	.50	CS-137	<	.80	
	FMP-SL-46-517	1379412.40	481606.71	.16	.50	RA-226	=	.90	.30
	FMP-SL-46-517	1379412.40	481606.71	.16	.50	RU-106	<	.60	
	FMP-SL-46-517	1379412.40	481606.71	.16	.50	TH-232	<	1.50	
	FMP-SL-46-517	1379412.40	481606.71	.16	.50	U-238	=	6.90	2.80
	FMP-SL-46-523	1379041.78	481954.98	.16	.50	CS-137	<	2.00	
	FMP-SL-46-523	1379041.78	481954.98	.16	.50	RA-226	<	2.90	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-523	1379041.78	481954.98	.16	.50	RU-106	<	26.70	
	FMP-SL-46-523	1379041.78	481954.98	.16	.50	TH-232	<	1.40	
	FMP-SL-46-523	1379041.78	481954.98	.16	.50	U-238	=	242.00	18.00
	FMP-SL-46-523D	1379041.78	481954.98	.16	.50	CS-137	<	1.90	
	FMP-SL-46-523D	1379041.78	481954.98	.16	.50	RA-226	=	1.90	1.20
	FMP-SL-46-523D	1379041.78	481954.98	.16	.50	RU-106	<	14.50	
	FMP-SL-46-523D	1379041.78	481954.98	.16	.50	TH-232	=	1.10	.80
	FMP-SL-46-523D	1379041.78	481954.98	.16	.50	U-238	=	238.00	14.00
	FMP-SL-46-524	1379219.90	481993.12	.16	.50	CS-137	<	1.30	
	FMP-SL-46-524	1379219.90	481993.12	.16	.50	RA-226	=	1.10	.50
	FMP-SL-46-524	1379219.90	481993.12	.16	.50	RU-106	<	10.00	
	FMP-SL-46-524	1379219.90	481993.12	.16	.50	TH-232	=	1.00	.50
	FMP-SL-46-524	1379219.90	481993.12	.16	.50	U-238	=	58.10	6.20
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	CS-137	<	.60	
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	RA-226	=	5.20	.60
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	RU-106	<	10.60	
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	TH-232	=	5.20	.70
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	U-238	=	11.20	5.60
	FMP-SL-46-528QC	1379796.09	480420.76	.16	.50	CS-137	<	.60	
	FMP-SL-46-528QC	1379796.09	480420.76	.16	.50	RA-226	=	5.50	.80
	FMP-SL-46-528QC	1379796.09	480420.76	.16	.50	RU-106	<	6.70	
	FMP-SL-46-528QC	1379796.09	480420.76	.16	.50	TH-232	=	6.20	.80
	FMP-SL-46-528QC	1379796.09	480420.76	.16	.50	U-238	=	15.50	8.30
	FMP-SL-46-531	1379751.42	480396.98	.16	.50	CS-137	<	1.30	
	FMP-SL-46-531	1379751.42	480396.98	.16	.50	RA-226	=	4.00	1.00
	FMP-SL-46-531	1379751.42	480396.98	.16	.50	RU-106	<	6.40	
	FMP-SL-46-531	1379751.42	480396.98	.16	.50	TH-232	=	4.70	2.90
	FMP-SL-46-531	1379751.42	480396.98	.16	.50	U-238	=	11.80	5.20
	FMP-SL-46-533	1379708.44	480398.15	.16	.50	CS-137	=	.40	.20
	FMP-SL-46-533	1379708.44	480398.15	.16	.50	RA-226	=	3.90	.70
	FMP-SL-46-533	1379708.44	480398.15	.16	.50	RU-106	<	11.70	
	FMP-SL-46-533	1379708.44	480398.15	.16	.50	TH-232	=	6.30	.90
	FMP-SL-46-533	1379708.44	480398.15	.16	.50	U-238	=	4.40	3.60
	FMP-SL-46-533D	1379708.44	480398.15	.16	.50	CS-137	<	.60	
	FMP-SL-46-533D	1379708.44	480398.15	.16	.50	RA-226	=	3.20	.80
	FMP-SL-46-533D	1379708.44	480398.15	.16	.50	RU-106	<	14.90	
	FMP-SL-46-533D	1379708.44	480398.15	.16	.50	TH-232	=	5.10	1.20
	FMP-SL-46-533D	1379708.44	480398.15	.16	.50	U-238	=	9.50	4.00
	FMP-SL-46-535	1379590.01	480420.40	.16	.50	CS-137	<	.90	
	FMP-SL-46-535	1379590.01	480420.40	.16	.50	RA-226	=	3.80	.80
	FMP-SL-46-535	1379590.01	480420.40	.16	.50	RU-106	<	9.80	
	FMP-SL-46-535	1379590.01	480420.40	.16	.50	TH-232	=	3.60	.90
	FMP-SL-46-535	1379590.01	480420.40	.16	.50	U-238	=	8.70	4.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-536QC	1379590.01	480420.40	.16	.50	CS-137	<	.70	
	FMP-SL-46-536QC	1379590.01	480420.40	.16	.50	RA-226	=	3.90	.80
	FMP-SL-46-536QC	1379590.01	480420.40	.16	.50	RU-106	<	7.30	
	FMP-SL-46-536QC	1379590.01	480420.40	.16	.50	TH-232	=	3.30	.80
	FMP-SL-46-536QC	1379590.01	480420.40	.16	.50	U-238	=	12.40	6.10
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	CS-137	<	2.00	
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	RA-226	=	20.00	5.90
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	RU-106	<	19.70	
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	TH-232	=	17.70	1.90
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	U-238	=	28.90	13.00
	FMP-SL-46-539QC	1379745.26	480391.14	.16	.50	CS-137	<	2.10	
	FMP-SL-46-539QC	1379745.26	480391.14	.16	.50	RA-226	=	21.60	1.90
	FMP-SL-46-539QC	1379745.26	480391.14	.16	.50	RU-106	<	13.00	
	FMP-SL-46-539QC	1379745.26	480391.14	.16	.50	TH-232	=	22.30	1.80
	FMP-SL-46-539QC	1379745.26	480391.14	.16	.50	U-238	<	12.00	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	CS-137	<	1.00	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	RA-226	=	8.10	1.20
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	RU-106	<	16.30	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	TH-232	=	17.80	1.40
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	U-238	<	50.00	
	FMP-SL-46-543D	1379689.80	480411.67	.16	.50	CS-137	<	1.10	
	FMP-SL-46-543D	1379689.80	480411.67	.16	.50	RA-226	=	8.50	1.20
	FMP-SL-46-543D	1379689.80	480411.67	.16	.50	RU-106	<	12.50	
	FMP-SL-46-543D	1379689.80	480411.67	.16	.50	TH-232	=	17.60	1.40
	FMP-SL-46-543D	1379689.80	480411.67	.16	.50	U-238	<	48.50	
	FMP-SL-46-544QC	1379689.80	480411.67	.16	.50	CS-137	<	1.00	
	FMP-SL-46-544QC	1379689.80	480411.67	.16	.50	RA-226	=	10.30	1.20
	FMP-SL-46-544QC	1379689.80	480411.67	.16	.50	RU-106	<	18.00	
	FMP-SL-46-544QC	1379689.80	480411.67	.16	.50	TH-232	=	18.70	1.60
	FMP-SL-46-544QC	1379689.80	480411.67	.16	.50	U-238	<	14.20	
	FMP-SL-46-546	1379212.66	481692.20	.16	.50	CS-137	<	1.80	
	FMP-SL-46-546	1379212.66	481692.20	.16	.50	RA-226	<	3.30	
	FMP-SL-46-546	1379212.66	481692.20	.16	.50	RU-106	<	17.00	
	FMP-SL-46-546	1379212.66	481692.20	.16	.50	TH-232	=	3.80	1.20
	FMP-SL-46-546	1379212.66	481692.20	.16	.50	U-238	=	358.00	14.00
	FMP-SL-46-547	1379212.66	481692.20	.50	1.00	CS-137	<	1.00	
	FMP-SL-46-547	1379212.66	481692.20	.50	1.00	RA-226	=	1.20	.50
	FMP-SL-46-547	1379212.66	481692.20	.50	1.00	RU-106	<	9.20	
	FMP-SL-46-547	1379212.66	481692.20	.50	1.00	TH-232	=	2.00	.60
	FMP-SL-46-547	1379212.66	481692.20	.50	1.00	U-238	=	96.60	103.00
	FMP-SL-46-549	1379336.79	481877.88	.16	.50	CS-137	<	.80	
	FMP-SL-46-549	1379336.79	481877.88	.16	.50	RA-226	=	1.00	.60
	FMP-SL-46-549	1379336.79	481877.88	.16	.50	RU-106	<	9.30	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-549	1379336.79	481877.88	.16	.50	TH-232	=	1.50	.50
	FMP-SL-46-549	1379336.79	481877.88	.16	.50	U-238	=	35.80	4.50
	FMP-SL-46-551	1379186.20	481675.92	.16	.50	CS-137	<	.50	
	FMP-SL-46-551	1379186.20	481675.92	.16	.50	RA-226	=	1.20	.50
	FMP-SL-46-551	1379186.20	481675.92	.16	.50	RU-106	<	4.90	
	FMP-SL-46-551	1379186.20	481675.92	.16	.50	TH-232	=	1.30	.70
	FMP-SL-46-551	1379186.20	481675.92	.16	.50	U-238	=	85.50	7.80
	FMP-SL-46-553	1378448.48	481220.93	.16	.50	CS-137	<	1.80	
	FMP-SL-46-553	1378448.48	481220.93	.16	.50	RA-226	=	26.30	2.00
	FMP-SL-46-553	1378448.48	481220.93	.16	.50	RU-106	<	11.00	
	FMP-SL-46-553	1378448.48	481220.93	.16	.50	TH-232	=	4.90	1.60
	FMP-SL-46-553	1378448.48	481220.93	.16	.50	U-238	=	97.30	16.00
	FMP-SL-46-553D	1378448.48	481220.93	.16	.50	CS-137	<	1.90	
	FMP-SL-46-553D	1378448.48	481220.93	.16	.50	RA-226	=	27.50	1.80
	FMP-SL-46-553D	1378448.48	481220.93	.16	.50	RU-106	<	19.70	
	FMP-SL-46-553D	1378448.48	481220.93	.16	.50	TH-232	=	3.70	1.60
	FMP-SL-46-553D	1378448.48	481220.93	.16	.50	U-238	=	127.00	13.00
	FMP-SL-46-557	1378399.18	481247.29	.16	.50	CS-137	<	.80	
	FMP-SL-46-557	1378399.18	481247.29	.16	.50	RA-226	=	2.70	.90
	FMP-SL-46-557	1378399.18	481247.29	.16	.50	RU-106	<	6.40	
	FMP-SL-46-557	1378399.18	481247.29	.16	.50	TH-232	=	2.60	1.10
	FMP-SL-46-557	1378399.18	481247.29	.16	.50	U-238	=	98.30	9.40
	FMP-SL-46-558	1378399.18	481247.29	.50	1.00	CS-137	<	.70	
	FMP-SL-46-558	1378399.18	481247.29	.50	1.00	RA-226	=	6.30	1.20
	FMP-SL-46-558	1378399.18	481247.29	.50	1.00	RU-106	<	14.00	
	FMP-SL-46-558	1378399.18	481247.29	.50	1.00	TH-232	=	7.30	1.10
	FMP-SL-46-558	1378399.18	481247.29	.50	1.00	U-238	=	178.00	13.00
	FMP-SL-46-559	1378399.18	481247.29	1.00	1.50	CS-137	<	.90	
	FMP-SL-46-559	1378399.18	481247.29	1.00	1.50	RA-226	=	6.70	1.30
	FMP-SL-46-559	1378399.18	481247.29	1.00	1.50	RU-106	<	14.40	
	FMP-SL-46-559	1378399.18	481247.29	1.00	1.50	TH-232	=	7.90	1.70
	FMP-SL-46-559	1378399.18	481247.29	1.00	1.50	U-238	=	380.00	19.00
	FMP-SL-46-560QC	1378399.18	481247.29	.50	1.00	CS-137	<	1.50	
	FMP-SL-46-560QC	1378399.18	481247.29	.50	1.00	RA-226	=	7.60	.90
	FMP-SL-46-560QC	1378399.18	481247.29	.50	1.00	RU-106	<	13.30	
	FMP-SL-46-560QC	1378399.18	481247.29	.50	1.00	TH-232	=	6.80	1.20
	FMP-SL-46-560QC	1378399.18	481247.29	.50	1.00	U-238	=	168.00	11.00
	FMP-SL-46-561	1378373.15	481209.99	.16	.50	CS-137	<	.60	
	FMP-SL-46-561	1378373.15	481209.99	.16	.50	RA-226	=	2.40	.60
	FMP-SL-46-561	1378373.15	481209.99	.16	.50	RU-106	<	11.60	
	FMP-SL-46-561	1378373.15	481209.99	.16	.50	TH-232	=	3.00	.70
	FMP-SL-46-561	1378373.15	481209.99	.16	.50	U-238	=	192.00	10.00
	FMP-SL-46-562	1378373.15	481209.99	.50	1.00	CS-137	<	1.30	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-562	1378373.15	481209.99	.50	1.00	RA-226	=	10.50	1.10
	FMP-SL-46-562	1378373.15	481209.99	.50	1.00	RU-106	<	17.50	
	FMP-SL-46-562	1378373.15	481209.99	.50	1.00	TH-232	=	11.90	1.30
	FMP-SL-46-562	1378373.15	481209.99	.50	1.00	U-238	=	351.00	16.00
	FMP-SL-46-570	1379729.49	480947.78	.50	1.00	CS-137	<	.80	
	FMP-SL-46-570	1379729.49	480947.78	.50	1.00	RA-226	=	.70	.40
	FMP-SL-46-570	1379729.49	480947.78	.50	1.00	RU-106	<	7.40	
	FMP-SL-46-570	1379729.49	480947.78	.50	1.00	TH-232	=	.80	.50
	FMP-SL-46-570	1379729.49	480947.78	.50	1.00	U-238	=	21.10	4.30
	FMP-SL-46-571	1378446.76	480682.78	.50	1.00	CS-137	<	.50	
	FMP-SL-46-571	1378446.76	480682.78	.50	1.00	RA-226	=	11.60	.90
	FMP-SL-46-571	1378446.76	480682.78	.50	1.00	RU-106	<	8.20	
	FMP-SL-46-571	1378446.76	480682.78	.50	1.00	TH-232	<	2.20	
	FMP-SL-46-571	1378446.76	480682.78	.50	1.00	U-238	<	23.00	
	FMP-SL-46-572	1378446.76	480682.78	.50	1.00	CS-137	<	.60	
	FMP-SL-46-572	1378446.76	480682.78	.50	1.00	RA-226	=	2.30	.40
	FMP-SL-46-572	1378446.76	480682.78	.50	1.00	RU-106	<	2.40	
	FMP-SL-46-572	1378446.76	480682.78	.50	1.00	TH-232	<	2.30	
	FMP-SL-46-572	1378446.76	480682.78	.50	1.00	U-238	<	11.20	
	FMP-SL-46-575	1378472.95	481201.26	.16	.50	CS-137	<	1.00	
	FMP-SL-46-575	1378472.95	481201.26	.16	.50	RA-226	=	2.70	.60
	FMP-SL-46-575	1378472.95	481201.26	.16	.50	RU-106	<	10.50	
	FMP-SL-46-575	1378472.95	481201.26	.16	.50	TH-232	=	2.20	.80
	FMP-SL-46-575	1378472.95	481201.26	.16	.50	U-238	=	103.00	9.00
	FMP-SL-46-576QC	1378472.95	481201.26	.16	.50	CS-137	<	1.10	
	FMP-SL-46-576QC	1378472.95	481201.26	.16	.50	RA-226	=	2.20	.80
	FMP-SL-46-576QC	1378472.95	481201.26	.16	.50	RU-106	<	.70	
	FMP-SL-46-576QC	1378472.95	481201.26	.16	.50	TH-232	=	3.30	.90
	FMP-SL-46-576QC	1378472.95	481201.26	.16	.50	U-238	=	103.00	10.00
	FMP-SL-46-579	1378471.42	481145.28	.16	.50	CS-137	<	.80	
	FMP-SL-46-579	1378471.42	481145.28	.16	.50	RA-226	=	1.40	.80
	FMP-SL-46-579	1378471.42	481145.28	.16	.50	RU-106	<	9.10	
	FMP-SL-46-579	1378471.42	481145.28	.16	.50	TH-232	=	1.20	.60
	FMP-SL-46-579	1378471.42	481145.28	.16	.50	U-238	=	22.80	5.20
	FMP-SL-46-580QC	1378471.42	481145.28	.16	.50	CS-137	<	.10	
	FMP-SL-46-580QC	1378471.42	481145.28	.16	.50	RA-226	=	2.00	.50
	FMP-SL-46-580QC	1378471.42	481145.28	.16	.50	RU-106	<	4.00	
	FMP-SL-46-580QC	1378471.42	481145.28	.16	.50	TH-232	=	.80	.40
	FMP-SL-46-580QC	1378471.42	481145.28	.16	.50	U-238	=	17.40	6.20
	FMP-SL-46-582	1378528.21	481136.72	.16	.50	CS-137	<	1.20	
	FMP-SL-46-582	1378528.21	481136.72	.16	.50	RA-226	=	3.40	.60
	FMP-SL-46-582	1378528.21	481136.72	.16	.50	RU-106	<	4.90	
	FMP-SL-46-582	1378528.21	481136.72	.16	.50	TH-232	=	4.70	.80

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-582	1378528.21	481136.72	.16	.50	U-238	=	70.80	8.00
	FMP-SL-46-583QC	1378528.21	481136.72	.16	.50	CS-137	<	1.40	
	FMP-SL-46-583QC	1378528.21	481136.72	.16	.50	RA-226	=	2.80	.60
	FMP-SL-46-583QC	1378528.21	481136.72	.16	.50	RU-106	<	3.70	
	FMP-SL-46-583QC	1378528.21	481136.72	.16	.50	TH-232	=	5.40	.90
	FMP-SL-46-583QC	1378528.21	481136.72	.16	.50	U-238	=	71.40	7.50
	FMP-SL-46-589	1379586.59	480770.63	.16	.50	CS-137	=	.90	.50
	FMP-SL-46-589	1379586.59	480770.63	.16	.50	RA-226	=	2.70	.80
	FMP-SL-46-589	1379586.59	480770.63	.16	.50	RU-106	<	9.40	
	FMP-SL-46-589	1379586.59	480770.63	.16	.50	TH-232	=	3.50	.90
	FMP-SL-46-589	1379586.59	480770.63	.16	.50	U-238	=	42.10	6.80
	FMP-SL-46-592QC	1379296.43	481353.78	.16	.50	CS-137	<	1.40	
	FMP-SL-46-592QC	1379296.43	481353.78	.16	.50	RA-226	=	34.10	1.70
	FMP-SL-46-592QC	1379296.43	481353.78	.16	.50	RU-106	<	13.30	
	FMP-SL-46-592QC	1379296.43	481353.78	.16	.50	TH-232	=	3.00	1.60
	FMP-SL-46-592QC	1379296.43	481353.78	.16	.50	U-238	<	37.10	
	FMP-SL-46-594	1379326.74	481327.94	.16	.50	CS-137	<	.10	
	FMP-SL-46-594	1379326.74	481327.94	.16	.50	RA-226	=	2.90	.50
	FMP-SL-46-594	1379326.74	481327.94	.16	.50	RU-106	<	2.40	
	FMP-SL-46-594	1379326.74	481327.94	.16	.50	TH-232	<	.30	
	FMP-SL-46-594	1379326.74	481327.94	.16	.50	U-238	<	15.00	
	FMP-SL-46-595	1379326.74	481327.94	.50	1.00	CS-137	<	.10	
	FMP-SL-46-595	1379326.74	481327.94	.50	1.00	RA-226	=	3.10	.50
	FMP-SL-46-595	1379326.74	481327.94	.50	1.00	RU-106	<	4.60	
	FMP-SL-46-595	1379326.74	481327.94	.50	1.00	TH-232	<	3.90	
	FMP-SL-46-595	1379326.74	481327.94	.50	1.00	U-238	<	14.60	
	FMP-SL-46-597	1379820.39	480833.25	.16	.50	CS-137	<	.10	
	FMP-SL-46-597	1379820.39	480833.25	.16	.50	RA-226	=	.90	.60
	FMP-SL-46-597	1379820.39	480833.25	.16	.50	RU-106	<	7.30	
	FMP-SL-46-597	1379820.39	480833.25	.16	.50	TH-232	=	1.20	.60
	FMP-SL-46-597	1379820.39	480833.25	.16	.50	U-238	=	8.50	4.50
	FMP-SL-46-599	1379739.43	480872.48	.16	.50	CS-137	=	.40	.20
	FMP-SL-46-599	1379739.43	480872.48	.16	.50	RA-226	=	1.20	.40
	FMP-SL-46-599	1379739.43	480872.48	.16	.50	RU-106	<	6.20	
	FMP-SL-46-599	1379739.43	480872.48	.16	.50	TH-232	<	.40	
	FMP-SL-46-599	1379739.43	480872.48	.16	.50	U-238	=	7.70	3.50
	FMP-SL-46-600	1379624.74	480775.58	.16	.50	CS-137	=	1.50	.80
	FMP-SL-46-600	1379624.74	480775.58	.16	.50	RA-226	=	3.70	.80
	FMP-SL-46-600	1379624.74	480775.58	.16	.50	RU-106	<	12.10	
	FMP-SL-46-600	1379624.74	480775.58	.16	.50	TH-232	=	3.40	1.20
	FMP-SL-46-600	1379624.74	480775.58	.16	.50	U-238	=	56.00	10.00
	FMP-SL-46-601QC	1379624.74	480775.58	.16	.50	CS-137	=	1.60	.60
	FMP-SL-46-601QC	1379624.74	480775.58	.16	.50	RA-226	=	2.50	.90

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-601QC	1379624.74	480775.58	.16	.50	RU-106	<	9.40	
	FMP-SL-46-601QC	1379624.74	480775.58	.16	.50	TH-232	=	4.90	.90
	FMP-SL-46-601QC	1379624.74	480775.58	.16	.50	U-238	=	66.70	8.20
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	CS-137	<	.70	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	RA-226	=	9.20	.90
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	RU-106	<	4.60	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	TH-232	<	2.00	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	U-238	<	11.70	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	CS-137	<	.30	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	RA-226	=	10.70	1.10
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	RU-106	<	1.80	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	TH-232	<	2.40	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	U-238	<	17.30	
	FMP-SL-46-607	1378603.86	481159.66	.16	.50	CS-137	<	.90	
	FMP-SL-46-607	1378603.86	481159.66	.16	.50	RA-226	<	1.00	
	FMP-SL-46-607	1378603.86	481159.66	.16	.50	RU-106	<	6.00	
	FMP-SL-46-607	1378603.86	481159.66	.16	.50	TH-232	=	1.50	.40
	FMP-SL-46-607	1378603.86	481159.66	.16	.50	U-238	=	6.30	3.50
	FMP-SL-46-609	1379686.88	480779.89	.16	.50	CS-137	=	1.40	.80
	FMP-SL-46-609	1379686.88	480779.89	.16	.50	RA-226	=	2.40	.80
	FMP-SL-46-609	1379686.88	480779.89	.16	.50	RU-106	<	6.10	
	FMP-SL-46-609	1379686.88	480779.89	.16	.50	TH-232	=	4.40	.90
	FMP-SL-46-609	1379686.88	480779.89	.16	.50	U-238	=	59.50	8.10
	FMP-SL-46-610QC	1379686.88	480779.89	.16	.50	CS-137	=	1.60	.80
	FMP-SL-46-610QC	1379686.88	480779.89	.16	.50	RA-226	=	2.90	.80
	FMP-SL-46-610QC	1379686.88	480779.89	.16	.50	RU-106	<	4.50	
	FMP-SL-46-610QC	1379686.88	480779.89	.16	.50	TH-232	=	4.50	1.00
	FMP-SL-46-610QC	1379686.88	480779.89	.16	.50	U-238	=	55.90	8.40
	FMP-SL-46-611	1379718.86	480779.01	.00	.16	CS-137	<	1.40	
	FMP-SL-46-611	1379718.86	480779.01	.00	.16	RA-226	=	1.30	.70
	FMP-SL-46-611	1379718.86	480779.01	.00	.16	RU-106	<	10.50	
	FMP-SL-46-611	1379718.86	480779.01	.00	.16	TH-232	=	2.60	.90
	FMP-SL-46-611	1379718.86	480779.01	.00	.16	U-238	=	34.10	7.50
	FMP-SL-46-612	1379718.86	480779.01	.16	.50	CS-137	=	1.10	.20
	FMP-SL-46-612	1379718.86	480779.01	.16	.50	RA-226	=	2.90	.70
	FMP-SL-46-612	1379718.86	480779.01	.16	.50	RU-106	<	.70	
	FMP-SL-46-612	1379718.86	480779.01	.16	.50	TH-232	=	3.40	.80
	FMP-SL-46-612	1379718.86	480779.01	.16	.50	U-238	=	52.00	8.90
	FMP-SL-46-613	1379277.77	481366.30	.00	.16	CS-137	<	.60	
	FMP-SL-46-613	1379277.77	481366.30	.00	.16	RA-226	=	4.70	.80
	FMP-SL-46-613	1379277.77	481366.30	.00	.16	RU-106	<	8.40	
	FMP-SL-46-613	1379277.77	481366.30	.00	.16	TH-232	<	.30	
	FMP-SL-46-613	1379277.77	481366.30	.00	.16	U-238	<	10.80	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-614	1379277.77	481366.30	.16	.50	CS-137	<	.70	
	FMP-SL-46-614	1379277.77	481366.30	.16	.50	RA-226	=	13.10	.90
	FMP-SL-46-614	1379277.77	481366.30	.16	.50	RU-106	<	7.50	
	FMP-SL-46-614	1379277.77	481366.30	.16	.50	TH-232	<	2.00	
	FMP-SL-46-614	1379277.77	481366.30	.16	.50	U-238	<	22.50	
	FMP-SL-46-616	1379227.63	480667.41	.16	.50	CS-137	<	.60	
	FMP-SL-46-616	1379227.63	480667.41	.16	.50	RA-226	=	4.20	.70
	FMP-SL-46-616	1379227.63	480667.41	.16	.50	RU-106	<	5.80	
	FMP-SL-46-616	1379227.63	480667.41	.16	.50	TH-232	=	2.40	1.30
	FMP-SL-46-616	1379227.63	480667.41	.16	.50	U-238	=	30.70	6.20
	FMP-SL-46-617QC	1379227.63	480667.41	.16	.50	CS-137	=	.90	.30
	FMP-SL-46-617QC	1379227.63	480667.41	.16	.50	RA-226	=	3.80	.60
	FMP-SL-46-617QC	1379227.63	480667.41	.16	.50	RU-106	<	11.30	
	FMP-SL-46-617QC	1379227.63	480667.41	.16	.50	TH-232	=	1.60	.80
	FMP-SL-46-617QC	1379227.63	480667.41	.16	.50	U-238	=	27.70	6.00
	FMP-SL-46-619	1379291.81	480709.67	.16	.50	CS-137	=	.50	.20
	FMP-SL-46-619	1379291.81	480709.67	.16	.50	RA-226	=	2.40	.50
	FMP-SL-46-619	1379291.81	480709.67	.16	.50	RU-106	<	4.40	
	FMP-SL-46-619	1379291.81	480709.67	.16	.50	TH-232	=	2.00	.50
	FMP-SL-46-619	1379291.81	480709.67	.16	.50	U-238	=	24.00	5.60
	FMP-SL-46-621	1379234.50	480699.23	.00	.50	CS-137	<	.80	
	FMP-SL-46-621	1379234.50	480699.23	.00	.50	RA-226	=	2.20	.60
	FMP-SL-46-621	1379234.50	480699.23	.00	.50	RU-106	<	4.30	
	FMP-SL-46-621	1379234.50	480699.23	.00	.50	TH-232	=	2.10	.60
	FMP-SL-46-621	1379234.50	480699.23	.00	.50	U-238	=	29.50	5.50
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	CS-137	=	7.40	1.10
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	RA-226	=	10.80	1.20
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	RU-106	<	7.40	
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	TH-232	=	6.00	1.70
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	U-238	=	38.30	11.00
	FMP-SL-46-625	1378983.86	482031.59	.50	1.00	CS-137	=	11.70	1.20
	FMP-SL-46-625	1378983.86	482031.59	.50	1.00	RA-226	=	9.90	1.10
	FMP-SL-46-625	1378983.86	482031.59	.50	1.00	RU-106	<	10.30	
	FMP-SL-46-625	1378983.86	482031.59	.50	1.00	TH-232	=	7.80	1.10
	FMP-SL-46-625	1378983.86	482031.59	.50	1.00	U-238	=	48.00	12.00
	FMP-SL-46-628	1378944.15	481969.65	.16	.50	CS-137	<	.60	
	FMP-SL-46-628	1378944.15	481969.65	.16	.50	RA-226	=	2.10	.70
	FMP-SL-46-628	1378944.15	481969.65	.16	.50	RU-106	<	6.10	
	FMP-SL-46-628	1378944.15	481969.65	.16	.50	TH-232	=	2.70	.80
	FMP-SL-46-628	1378944.15	481969.65	.16	.50	U-238	=	15.20	5.10
	FMP-SL-46-629QC	1378944.15	481969.65	.16	.50	CS-137	<	1.20	
	FMP-SL-46-629QC	1378944.15	481969.65	.16	.50	RA-226	=	2.50	.60
	FMP-SL-46-629QC	1378944.15	481969.65	.16	.50	RU-106	<	6.10	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-629QC	1378944.15	481969.65	.16	.50	TH-232	=	3.60	.70
	FMP-SL-46-629QC	1378944.15	481969.65	.16	.50	U-238	=	27.40	5.10
	FMP-SL-46-630	1379188.54	481724.87	.16	.50	CS-137	<	.40	
	FMP-SL-46-630	1379188.54	481724.87	.16	.50	RA-226	=	.70	.50
	FMP-SL-46-630	1379188.54	481724.87	.16	.50	RU-106	<	5.40	
	FMP-SL-46-630	1379188.54	481724.87	.16	.50	TH-232	=	1.50	.50
	FMP-SL-46-630	1379188.54	481724.87	.16	.50	U-238	=	107.00	8.00
	FMP-SL-46-631	1378748.77	481446.80	.16	.50	CS-137	<	1.00	
	FMP-SL-46-631	1378748.77	481446.80	.16	.50	RA-226	<	1.50	
	FMP-SL-46-631	1378748.77	481446.80	.16	.50	RU-106	<	6.10	
	FMP-SL-46-631	1378748.77	481446.80	.16	.50	TH-232	=	1.30	.80
	FMP-SL-46-631	1378748.77	481446.80	.16	.50	U-238	=	269.00	14.00
	FMP-SL-46-631D	1378748.77	481446.80	.16	.50	CS-137	<	.70	
	FMP-SL-46-631D	1378748.77	481446.80	.16	.50	RA-226	=	2.00	.90
	FMP-SL-46-631D	1378748.77	481446.80	.16	.50	RU-106	<	9.60	
	FMP-SL-46-631D	1378748.77	481446.80	.16	.50	TH-232	<	2.90	
	FMP-SL-46-631D	1378748.77	481446.80	.16	.50	U-238	=	275.00	15.00
	FMP-SL-46-632	1378748.77	481446.80	.50	1.00	CS-137	<	.70	
	FMP-SL-46-632	1378748.77	481446.80	.50	1.00	RA-226	=	1.40	1.00
	FMP-SL-46-632	1378748.77	481446.80	.50	1.00	RU-106	<	8.90	
	FMP-SL-46-632	1378748.77	481446.80	.50	1.00	TH-232	<	2.50	
	FMP-SL-46-632	1378748.77	481446.80	.50	1.00	U-238	=	55.20	7.60
	FMP-SL-46-633	1379291.76	481841.09	.16	.50	CS-137	<	.90	
	FMP-SL-46-633	1379291.76	481841.09	.16	.50	RA-226	<	1.40	
	FMP-SL-46-633	1379291.76	481841.09	.16	.50	RU-106	<	5.70	
	FMP-SL-46-633	1379291.76	481841.09	.16	.50	TH-232	=	.80	.30
	FMP-SL-46-633	1379291.76	481841.09	.16	.50	U-238	=	36.40	5.60
	FMP-SL-46-634	1379403.04	481813.04	.16	.50	CS-137	<	.40	
	FMP-SL-46-634	1379403.04	481813.04	.16	.50	RA-226	=	.80	.50
	FMP-SL-46-634	1379403.04	481813.04	.16	.50	RU-106	<	5.70	
	FMP-SL-46-634	1379403.04	481813.04	.16	.50	TH-232	=	1.30	.50
	FMP-SL-46-634	1379403.04	481813.04	.16	.50	U-238	=	44.60	5.80
	FMP-SL-46-635	1378789.09	481311.65	.16	.50	CS-137	<	.70	
	FMP-SL-46-635	1378789.09	481311.65	.16	.50	RA-226	=	.90	.30
	FMP-SL-46-635	1378789.09	481311.65	.16	.50	RU-106	<	4.50	
	FMP-SL-46-635	1378789.09	481311.65	.16	.50	TH-232	=	.70	.40
	FMP-SL-46-635	1378789.09	481311.65	.16	.50	U-238	=	26.30	5.80
	FMP-SL-46-636	1379165.63	481801.53	.16	.50	CS-137	<	.50	
	FMP-SL-46-636	1379165.63	481801.53	.16	.50	RA-226	<	1.50	
	FMP-SL-46-636	1379165.63	481801.53	.16	.50	RU-106	<	5.10	
	FMP-SL-46-636	1379165.63	481801.53	.16	.50	TH-232	<	.30	
	FMP-SL-46-636	1379165.63	481801.53	.16	.50	U-238	=	24.20	4.20
	FMP-SL-46-637	1378777.79	481373.98	.50	1.00	CS-137	<	.40	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-637	1378777.79	481373.98	.50	1.00	RA-226	<	1.30	
	FMP-SL-46-637	1378777.79	481373.98	.50	1.00	RU-106	<	.60	
	FMP-SL-46-637	1378777.79	481373.98	.50	1.00	TH-232	=	.80	.50
	FMP-SL-46-637	1378777.79	481373.98	.50	1.00	U-238	=	37.90	6.00
	FMP-SL-46-638	1379412.97	481956.82	.50	1.00	CS-137	<	1.20	
	FMP-SL-46-638	1379412.97	481956.82	.50	1.00	RA-226	<	1.60	
	FMP-SL-46-638	1379412.97	481956.82	.50	1.00	RU-106	<	10.90	
	FMP-SL-46-638	1379412.97	481956.82	.50	1.00	TH-232	=	1.60	.80
	FMP-SL-46-638	1379412.97	481956.82	.50	1.00	U-238	=	90.20	8.10
	FMP-SL-46-639	1379328.09	481816.09	.50	1.00	CS-137	<	1.20	
	FMP-SL-46-639	1379328.09	481816.09	.50	1.00	RA-226	=	1.10	.50
	FMP-SL-46-639	1379328.09	481816.09	.50	1.00	RU-106	<	3.30	
	FMP-SL-46-639	1379328.09	481816.09	.50	1.00	TH-232	=	1.10	.50
	FMP-SL-46-639	1379328.09	481816.09	.50	1.00	U-238	=	41.20	5.10
	FMP-SL-46-640	1378717.27	481355.63	.50	1.00	CS-137	<	.80	
	FMP-SL-46-640	1378717.27	481355.63	.50	1.00	RA-226	=	.80	.40
	FMP-SL-46-640	1378717.27	481355.63	.50	1.00	RU-106	<	8.00	
	FMP-SL-46-640	1378717.27	481355.63	.50	1.00	TH-232	=	.80	.40
	FMP-SL-46-640	1378717.27	481355.63	.50	1.00	U-238	=	36.00	4.20
	FMP-SL-46-641	1379790.93	481840.44	.50	1.00	CS-137	=	.60	.20
	FMP-SL-46-641	1379790.93	481840.44	.50	1.00	RA-226	=	1.10	.50
	FMP-SL-46-641	1379790.93	481840.44	.50	1.00	RU-106	<	7.60	
	FMP-SL-46-641	1379790.93	481840.44	.50	1.00	TH-232	=	.90	.50
	FMP-SL-46-641	1379790.93	481840.44	.50	1.00	U-238	=	40.90	6.70
	FMP-SL-46-641D	1379790.93	481840.44	.50	1.00	CS-137	<	1.10	
	FMP-SL-46-641D	1379790.93	481840.44	.50	1.00	RA-226	<	2.60	
	FMP-SL-46-641D	1379790.93	481840.44	.50	1.00	RU-106	<	9.20	
	FMP-SL-46-641D	1379790.93	481840.44	.50	1.00	TH-232	=	1.50	.70
	FMP-SL-46-641D	1379790.93	481840.44	.50	1.00	U-238	=	30.40	9.00
	FMP-SL-46-642	1379524.40	481897.75	.50	1.00	CS-137	<	.80	
	FMP-SL-46-642	1379524.40	481897.75	.50	1.00	RA-226	=	.90	.40
	FMP-SL-46-642	1379524.40	481897.75	.50	1.00	RU-106	<	5.00	
	FMP-SL-46-642	1379524.40	481897.75	.50	1.00	TH-232	=	.90	.50
	FMP-SL-46-642	1379524.40	481897.75	.50	1.00	U-238	=	16.60	4.60
	FMP-SL-46-643	1379154.70	481657.77	1.00	1.50	CS-137	<	.50	
	FMP-SL-46-643	1379154.70	481657.77	1.00	1.50	RA-226	=	.80	.50
	FMP-SL-46-643	1379154.70	481657.77	1.00	1.50	RU-106	<	5.50	
	FMP-SL-46-643	1379154.70	481657.77	1.00	1.50	TH-232	=	1.10	.70
	FMP-SL-46-643	1379154.70	481657.77	1.00	1.50	U-238	=	47.70	4.80
	FMP-SL-46-644	1379210.68	481656.24	1.00	1.50	CS-137	<	.50	
	FMP-SL-46-644	1379210.68	481656.24	1.00	1.50	RA-226	<	.10	
	FMP-SL-46-644	1379210.68	481656.24	1.00	1.50	RU-106	<	5.90	
	FMP-SL-46-644	1379210.68	481656.24	1.00	1.50	TH-232	=	.90	.60

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-644	1379210.68	481656.24	1.00	1.50	U-238	=	39.30	6.00
	FMP-SL-46-645	1379114.45	482015.01	.16	.50	CS-137	<	.40	
	FMP-SL-46-645	1379114.45	482015.01	.16	.50	RA-226	=	.90	.40
	FMP-SL-46-645	1379114.45	482015.01	.16	.50	RU-106	<	3.10	
	FMP-SL-46-645	1379114.45	482015.01	.16	.50	TH-232	=	.40	.30
	FMP-SL-46-645	1379114.45	482015.01	.16	.50	U-238	=	45.70	5.20
	FMP-SL-46-646	1379188.54	481724.87	.50	1.00	CS-137	<	.50	
	FMP-SL-46-646	1379188.54	481724.87	.50	1.00	RA-226	=	1.20	.40
	FMP-SL-46-646	1379188.54	481724.87	.50	1.00	RU-106	<	4.20	
	FMP-SL-46-646	1379188.54	481724.87	.50	1.00	TH-232	=	1.50	.50
	FMP-SL-46-646	1379188.54	481724.87	.50	1.00	U-238	=	52.20	5.80
	FMP-SL-46-647	1379553.02	481371.77	.16	.50	CS-137	<	.50	
	FMP-SL-46-647	1379553.02	481371.77	.16	.50	RA-226	=	.50	.20
	FMP-SL-46-647	1379553.02	481371.77	.16	.50	RU-106	<	5.90	
	FMP-SL-46-647	1379553.02	481371.77	.16	.50	TH-232	=	1.10	.30
	FMP-SL-46-647	1379553.02	481371.77	.16	.50	U-238	=	7.70	2.50
	FMP-SL-46-648	1379605.90	481476.36	.16	.50	CS-137	<	1.20	
	FMP-SL-46-648	1379605.90	481476.36	.16	.50	RA-226	=	.80	.70
	FMP-SL-46-648	1379605.90	481476.36	.16	.50	RU-106	<	8.40	
	FMP-SL-46-648	1379605.90	481476.36	.16	.50	TH-232	=	2.10	.60
	FMP-SL-46-648	1379605.90	481476.36	.16	.50	U-238	=	56.70	7.10
	FMP-SL-46-649	1379664.31	481855.91	.16	.50	CS-137	<	.90	
	FMP-SL-46-649	1379664.31	481855.91	.16	.50	RA-226	=	.80	.50
	FMP-SL-46-649	1379664.31	481855.91	.16	.50	RU-106	<	.50	
	FMP-SL-46-649	1379664.31	481855.91	.16	.50	TH-232	=	2.00	.90
	FMP-SL-46-649	1379664.31	481855.91	.16	.50	U-238	=	104.00	7.60
	FMP-SL-46-650	1379806.50	481714.96	.16	.50	CS-137	<	1.00	
	FMP-SL-46-650	1379806.50	481714.96	.16	.50	RA-226	=	1.00	.50
	FMP-SL-46-650	1379806.50	481714.96	.16	.50	RU-106	<	7.80	
	FMP-SL-46-650	1379806.50	481714.96	.16	.50	TH-232	=	5.10	.70
	FMP-SL-46-650	1379806.50	481714.96	.16	.50	U-238	=	9.90	4.70
	FMP-SL-46-651	1379806.50	481714.96	.50	1.00	CS-137	<	.50	
	FMP-SL-46-651	1379806.50	481714.96	.50	1.00	RA-226	=	1.00	.50
	FMP-SL-46-651	1379806.50	481714.96	.50	1.00	RU-106	<	7.80	
	FMP-SL-46-651	1379806.50	481714.96	.50	1.00	TH-232	=	5.10	.80
	FMP-SL-46-651	1379806.50	481714.96	.50	1.00	U-238	<	11.20	
	FMP-SL-46-651D	1379806.50	481714.96	.50	1.00	CS-137	<	.50	
	FMP-SL-46-651D	1379806.50	481714.96	.50	1.00	RA-226	<	2.20	
	FMP-SL-46-651D	1379806.50	481714.96	.50	1.00	RU-106	<	8.90	
	FMP-SL-46-651D	1379806.50	481714.96	.50	1.00	TH-232	=	5.80	.70
	FMP-SL-46-651D	1379806.50	481714.96	.50	1.00	U-238	<	11.70	
	FMP-SL-46-652	1379806.50	481714.96	1.00	1.50	CS-137	<	.40	
	FMP-SL-46-652	1379806.50	481714.96	1.00	1.50	RA-226	=	.80	.50

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-652	1379806.50	481714.96	1.00	1.50	RU-106	<	9.00	
	FMP-SL-46-652	1379806.50	481714.96	1.00	1.50	TH-232	=	3.10	.70
	FMP-SL-46-652	1379806.50	481714.96	1.00	1.50	U-238	=	11.80	6.10
	FMP-SL-46-655	1379822.35	480795.19	.16	.50	CS-137	<	.30	
	FMP-SL-46-655	1379822.35	480795.19	.16	.50	RA-226	=	1.50	.50
	FMP-SL-46-655	1379822.35	480795.19	.16	.50	RU-106	<	5.20	
	FMP-SL-46-655	1379822.35	480795.19	.16	.50	TH-232	=	1.70	.70
	FMP-SL-46-655	1379822.35	480795.19	.16	.50	U-238	=	8.00	3.60
	FMP-SL-46-657	1379695.12	480386.51	.16	.50	CS-137	<	1.00	
	FMP-SL-46-657	1379695.12	480386.51	.16	.50	RA-226	=	4.10	.70
	FMP-SL-46-657	1379695.12	480386.51	.16	.50	RU-106	<	5.60	
	FMP-SL-46-657	1379695.12	480386.51	.16	.50	TH-232	=	7.80	1.10
	FMP-SL-46-657	1379695.12	480386.51	.16	.50	U-238	<	8.20	
	FMP-SL-46-659	1379291.77	481622.01	.16	.50	CS-137	<	.60	
	FMP-SL-46-659	1379291.77	481622.01	.16	.50	RA-226	=	1.10	.50
	FMP-SL-46-659	1379291.77	481622.01	.16	.50	RU-106	<	5.10	
	FMP-SL-46-659	1379291.77	481622.01	.16	.50	TH-232	=	1.10	.40
	FMP-SL-46-659	1379291.77	481622.01	.16	.50	U-238	=	14.50	3.30
	FMP-SL-46-661	1379376.30	481457.64	.16	.50	CS-137	<	.70	
	FMP-SL-46-661	1379376.30	481457.64	.16	.50	RA-226	=	.90	.30
	FMP-SL-46-661	1379376.30	481457.64	.16	.50	RU-106	<	.60	
	FMP-SL-46-661	1379376.30	481457.64	.16	.50	TH-232	=	.80	.60
	FMP-SL-46-661	1379376.30	481457.64	.16	.50	U-238	=	11.80	3.30
	FMP-SL-46-661D	1379376.30	481457.64	.16	.50	CS-137	<	.50	
	FMP-SL-46-661D	1379376.30	481457.64	.16	.50	RA-226	=	.80	.50
	FMP-SL-46-661D	1379376.30	481457.64	.16	.50	RU-106	<	6.10	
	FMP-SL-46-661D	1379376.30	481457.64	.16	.50	TH-232	<	2.30	
	FMP-SL-46-661D	1379376.30	481457.64	.16	.50	U-238	=	12.30	4.10
	FMP-SL-46-662	1379596.83	482058.83	.16	.50	CS-137	<	.60	
	FMP-SL-46-662	1379596.83	482058.83	.16	.50	RA-226	=	1.00	.30
	FMP-SL-46-662	1379596.83	482058.83	.16	.50	RU-106	<	3.70	
	FMP-SL-46-662	1379596.83	482058.83	.16	.50	TH-232	=	1.30	.50
	FMP-SL-46-662	1379596.83	482058.83	.16	.50	U-238	=	12.80	2.90
	FMP-SL-46-663QC	1379596.83	482058.83	.16	.50	CS-137	<	.60	
	FMP-SL-46-663QC	1379596.83	482058.83	.16	.50	RA-226	=	.70	.30
	FMP-SL-46-663QC	1379596.83	482058.83	.16	.50	RU-106	<	.60	
	FMP-SL-46-663QC	1379596.83	482058.83	.16	.50	TH-232	=	1.80	.40
	FMP-SL-46-663QC	1379596.83	482058.83	.16	.50	U-238	=	12.10	3.90
	FMP-SL-46-664	1379559.33	482040.85	.16	.50	CS-137	<	.40	
	FMP-SL-46-664	1379559.33	482040.85	.16	.50	RA-226	=	.60	.40
	FMP-SL-46-664	1379559.33	482040.85	.16	.50	RU-106	<	.50	
	FMP-SL-46-664	1379559.33	482040.85	.16	.50	TH-232	=	.90	.40
	FMP-SL-46-664	1379559.33	482040.85	.16	.50	U-238	=	5.30	4.40

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-665QC	1379559.33	482040.85	.16	.50	CS-137	<	.20	
	FMP-SL-46-665QC	1379559.33	482040.85	.16	.50	RA-226	=	.90	.30
	FMP-SL-46-665QC	1379559.33	482040.85	.16	.50	RU-106	<	3.00	
	FMP-SL-46-665QC	1379559.33	482040.85	.16	.50	TH-232	=	1.30	.40
	FMP-SL-46-665QC	1379559.33	482040.85	.16	.50	U-238	=	10.90	4.20
	FMP-SL-46-666	1379761.48	481897.26	.16	.50	CS-137	<	.50	
	FMP-SL-46-666	1379761.48	481897.26	.16	.50	RA-226	=	.50	.30
	FMP-SL-46-666	1379761.48	481897.26	.16	.50	RU-106	<	.60	
	FMP-SL-46-666	1379761.48	481897.26	.16	.50	TH-232	=	.80	.50
	FMP-SL-46-666	1379761.48	481897.26	.16	.50	U-238	=	12.50	3.50
	FMP-SL-46-667	1379452.86	481586.59	.16	.50	CS-137	<	.70	
	FMP-SL-46-667	1379452.86	481586.59	.16	.50	RA-226	=	.80	.40
	FMP-SL-46-667	1379452.86	481586.59	.16	.50	RU-106	<	3.40	
	FMP-SL-46-667	1379452.86	481586.59	.16	.50	TH-232	=	1.50	.50
	FMP-SL-46-667	1379452.86	481586.59	.16	.50	U-238	=	37.80	5.10
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	CS-137	<	1.10	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	RA-226	=	14.90	1.10
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	RU-106	<	9.90	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	TH-232	<	2.80	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	U-238	<	27.00	
	FMP-SL-46-669QC	1379296.43	481353.78	.50	1.00	CS-137	<	1.10	
	FMP-SL-46-669QC	1379296.43	481353.78	.50	1.00	RA-226	=	17.60	1.20
	FMP-SL-46-669QC	1379296.43	481353.78	.50	1.00	RU-106	<	6.30	
	FMP-SL-46-669QC	1379296.43	481353.78	.50	1.00	TH-232	=	2.60	1.10
	FMP-SL-46-669QC	1379296.43	481353.78	.50	1.00	U-238	<	29.80	
	FMP-SL-46-670	1378984.38	481356.32	.50	1.00	CS-137	<	.30	
	FMP-SL-46-670	1378984.38	481356.32	.50	1.00	RA-226	=	2.80	.40
	FMP-SL-46-670	1378984.38	481356.32	.50	1.00	RU-106	<	.50	
	FMP-SL-46-670	1378984.38	481356.32	.50	1.00	TH-232	<	1.10	
	FMP-SL-46-670	1378984.38	481356.32	.50	1.00	U-238	<	8.70	
	FMP-SL-46-671	1379385.29	480726.12	.16	.50	CS-137	<	.40	
	FMP-SL-46-671	1379385.29	480726.12	.16	.50	RA-226	=	1.80	.40
	FMP-SL-46-671	1379385.29	480726.12	.16	.50	RU-106	<	5.40	
	FMP-SL-46-671	1379385.29	480726.12	.16	.50	TH-232	=	1.70	.50
	FMP-SL-46-671	1379385.29	480726.12	.16	.50	U-238	=	27.00	6.20
	FMP-SL-46-671D	1379385.29	480726.12	.16	.50	CS-137	<	.30	
	FMP-SL-46-671D	1379385.29	480726.12	.16	.50	RA-226	=	1.70	.40
	FMP-SL-46-671D	1379385.29	480726.12	.16	.50	RU-106	<	6.40	
	FMP-SL-46-671D	1379385.29	480726.12	.16	.50	TH-232	=	2.00	.60
	FMP-SL-46-671D	1379385.29	480726.12	.16	.50	U-238	=	27.80	5.80
	FMP-SL-46-672	1379385.29	480726.12	.50	.76	CS-137	<	.50	
	FMP-SL-46-672	1379385.29	480726.12	.50	.76	RA-226	=	.60	.30
	FMP-SL-46-672	1379385.29	480726.12	.50	.76	RU-106	<	6.30	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-672	1379385.29	480726.12	.50	.76	TH-232	<	.30	
	FMP-SL-46-672	1379385.29	480726.12	.50	.76	U-238	=	9.50	3.30
	FMP-SL-46-673	1379624.74	480775.58	.50	1.00	CS-137	<	1.00	
	FMP-SL-46-673	1379624.74	480775.58	.50	1.00	RA-226	=	2.30	.50
	FMP-SL-46-673	1379624.74	480775.58	.50	1.00	RU-106	<	2.30	
	FMP-SL-46-673	1379624.74	480775.58	.50	1.00	TH-232	=	1.90	.40
	FMP-SL-46-673	1379624.74	480775.58	.50	1.00	U-238	=	25.10	4.40
	FMP-SL-46-674	1379114.45	482015.01	.50	1.00	CS-137	<	.60	
	FMP-SL-46-674	1379114.45	482015.01	.50	1.00	RA-226	=	1.40	.40
	FMP-SL-46-674	1379114.45	482015.01	.50	1.00	RU-106	<	2.10	
	FMP-SL-46-674	1379114.45	482015.01	.50	1.00	TH-232	=	1.60	.60
	FMP-SL-46-674	1379114.45	482015.01	.50	1.00	U-238	=	10.00	2.60
	FMP-SL-46-675	1379412.97	481956.82	.16	.50	CS-137	<	.80	
	FMP-SL-46-675	1379412.97	481956.82	.16	.50	RA-226	<	1.50	
	FMP-SL-46-675	1379412.97	481956.82	.16	.50	RU-106	<	4.40	
	FMP-SL-46-675	1379412.97	481956.82	.16	.50	TH-232	=	1.60	.60
	FMP-SL-46-675	1379412.97	481956.82	.16	.50	U-238	=	17.90	3.00
	FMP-SL-46-676	1379412.97	481956.82	.50	1.00	CS-137	<	.10	
	FMP-SL-46-676	1379412.97	481956.82	.50	1.00	RA-226	<	1.10	
	FMP-SL-46-676	1379412.97	481956.82	.50	1.00	RU-106	<	.60	
	FMP-SL-46-676	1379412.97	481956.82	.50	1.00	TH-232	=	.90	.60
	FMP-SL-46-676	1379412.97	481956.82	.50	1.00	U-238	=	6.40	3.80
	FMP-SL-46-677QC	1379412.97	481956.82	.50	1.00	CS-137	<	1.10	
	FMP-SL-46-677QC	1379412.97	481956.82	.50	1.00	RA-226	=	.80	.60
	FMP-SL-46-677QC	1379412.97	481956.82	.50	1.00	RU-106	<	5.20	
	FMP-SL-46-677QC	1379412.97	481956.82	.50	1.00	TH-232	=	1.10	.50
	FMP-SL-46-677QC	1379412.97	481956.82	.50	1.00	U-238	=	11.80	4.00
	FMP-SL-46-678	1379412.97	481956.82	1.00	1.50	CS-137	<	.70	
	FMP-SL-46-678	1379412.97	481956.82	1.00	1.50	RA-226	=	.70	.60
	FMP-SL-46-678	1379412.97	481956.82	1.00	1.50	RU-106	<	.70	
	FMP-SL-46-678	1379412.97	481956.82	1.00	1.50	TH-232	=	.60	.50
	FMP-SL-46-678	1379412.97	481956.82	1.00	1.50	U-238	=	5.20	3.50
	FMP-SL-46-679	1379403.04	481813.04	.50	1.00	CS-137	<	.80	
	FMP-SL-46-679	1379403.04	481813.04	.50	1.00	RA-226	<	.80	
	FMP-SL-46-679	1379403.04	481813.04	.50	1.00	RU-106	<	.70	
	FMP-SL-46-679	1379403.04	481813.04	.50	1.00	TH-232	<	3.70	
	FMP-SL-46-679	1379403.04	481813.04	.50	1.00	U-238	=	21.60	3.50
	FMP-SL-46-680	1379328.09	481816.09	.50	1.00	CS-137	<	.80	
	FMP-SL-46-680	1379328.09	481816.09	.50	1.00	RA-226	<	1.70	
	FMP-SL-46-680	1379328.09	481816.09	.50	1.00	RU-106	<	4.80	
	FMP-SL-46-680	1379328.09	481816.09	.50	1.00	TH-232	<	1.80	
	FMP-SL-46-680	1379328.09	481816.09	.50	1.00	U-238	=	18.90	4.40
	FMP-SL-46-681	1379188.54	481724.87	1.00	1.50	CS-137	<	1.20	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-681	1379188.54	481724.87	1.00	1.50	RA-226	<	.80	
	FMP-SL-46-681	1379188.54	481724.87	1.00	1.50	RU-106	<	2.90	
	FMP-SL-46-681	1379188.54	481724.87	1.00	1.50	TH-232	<	3.90	
	FMP-SL-46-681	1379188.54	481724.87	1.00	1.50	U-238	=	38.00	4.80
	FMP-SL-46-682	1379664.31	481855.91	.50	1.00	CS-137	<	.40	
	FMP-SL-46-682	1379664.31	481855.91	.50	1.00	RA-226	=	.80	.40
	FMP-SL-46-682	1379664.31	481855.91	.50	1.00	RU-106	<	3.30	
	FMP-SL-46-682	1379664.31	481855.91	.50	1.00	TH-232	<	.30	
	FMP-SL-46-682	1379664.31	481855.91	.50	1.00	U-238	=	34.30	5.80
	FMP-SL-46-683	1379790.93	481840.44	1.00	1.50	CS-137	<	.50	
	FMP-SL-46-683	1379790.93	481840.44	1.00	1.50	RA-226	=	.80	.30
	FMP-SL-46-683	1379790.93	481840.44	1.00	1.50	RU-106	<	.50	
	FMP-SL-46-683	1379790.93	481840.44	1.00	1.50	TH-232	=	1.10	.50
	FMP-SL-46-683	1379790.93	481840.44	1.00	1.50	U-238	=	20.90	5.20
	FMP-SL-46-683D	1379790.93	481840.44	1.00	1.50	CS-137	<	.50	
	FMP-SL-46-683D	1379790.93	481840.44	1.00	1.50	RA-226	=	.90	.30
	FMP-SL-46-683D	1379790.93	481840.44	1.00	1.50	RU-106	<	4.80	
	FMP-SL-46-683D	1379790.93	481840.44	1.00	1.50	TH-232	=	.90	.40
	FMP-SL-46-683D	1379790.93	481840.44	1.00	1.50	U-238	=	20.90	4.10
	FMP-SL-46-684	1379605.90	481476.36	.50	1.00	CS-137	<	.60	
	FMP-SL-46-684	1379605.90	481476.36	.50	1.00	RA-226	=	.50	.40
	FMP-SL-46-684	1379605.90	481476.36	.50	1.00	RU-106	<	5.20	
	FMP-SL-46-684	1379605.90	481476.36	.50	1.00	TH-232	=	.60	.40
	FMP-SL-46-684	1379605.90	481476.36	.50	1.00	U-238	=	10.50	3.70
	FMP-SL-46-685	1379452.86	481586.59	.50	1.00	CS-137	<	1.10	
	FMP-SL-46-685	1379452.86	481586.59	.50	1.00	RA-226	=	.80	.40
	FMP-SL-46-685	1379452.86	481586.59	.50	1.00	RU-106	<	7.00	
	FMP-SL-46-685	1379452.86	481586.59	.50	1.00	TH-232	=	.70	.50
	FMP-SL-46-685	1379452.86	481586.59	.50	1.00	U-238	=	12.90	3.70
	FMP-SL-46-686	1378748.77	481446.80	1.00	1.50	CS-137	<	.30	
	FMP-SL-46-686	1378748.77	481446.80	1.00	1.50	RA-226	=	.70	.40
	FMP-SL-46-686	1378748.77	481446.80	1.00	1.50	RU-106	<	.70	
	FMP-SL-46-686	1378748.77	481446.80	1.00	1.50	TH-232	=	.80	.40
	FMP-SL-46-686	1378748.77	481446.80	1.00	1.50	U-238	=	23.50	7.80
	FMP-SL-46-687	1379296.43	481353.78	.50	1.00	CS-137	<	.70	
	FMP-SL-46-687	1379296.43	481353.78	.50	1.00	RA-226	=	3.40	.60
	FMP-SL-46-687	1379296.43	481353.78	.50	1.00	RU-106	<	5.70	
	FMP-SL-46-687	1379296.43	481353.78	.50	1.00	TH-232	=	1.80	.60
	FMP-SL-46-687	1379296.43	481353.78	.50	1.00	U-238	=	10.40	4.00
	FMP-SL-46-688	1379296.43	481353.78	1.00	1.50	CS-137	<	1.00	
	FMP-SL-46-688	1379296.43	481353.78	1.00	1.50	RA-226	=	1.50	.80
	FMP-SL-46-688	1379296.43	481353.78	1.00	1.50	RU-106	<	3.90	
	FMP-SL-46-688	1379296.43	481353.78	1.00	1.50	TH-232	=	1.00	.70

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-688	1379296.43	481353.78	1.00	1.50	U-238	<	10.10	
	FMP-SS-46-001	1379144.06	481598.04	.00	.50	CS-137	<	.50	
	FMP-SS-46-001	1379144.06	481598.04	.00	.50	RA-226	<	.60	
	FMP-SS-46-001	1379144.06	481598.04	.00	.50	RU-106	<	5.80	
	FMP-SS-46-001	1379144.06	481598.04	.00	.50	TH-232	=	1.00	.40
	FMP-SS-46-001	1379144.06	481598.04	.00	.50	U-238	=	7.90	3.00
	FMP-SS-46-001DRY	1379144.06	481598.04	.00	.50	CS-137	<	1.10	
	FMP-SS-46-001DRY	1379144.06	481598.04	.00	.50	RA-226	=	2.00	.60
	FMP-SS-46-001DRY	1379144.06	481598.04	.00	.50	RU-106	<	1.30	
	FMP-SS-46-001DRY	1379144.06	481598.04	.00	.50	TH-232	<	.50	
	FMP-SS-46-001DRY	1379144.06	481598.04	.00	.50	U-238	=	17.40	6.60
	FMP-SS-46-002	1379210.72	481548.20	.00	.50	CS-137	<	1.10	
	FMP-SS-46-002	1379210.72	481548.20	.00	.50	RA-226	<	.60	
	FMP-SS-46-002	1379210.72	481548.20	.00	.50	RU-106	<	5.40	
	FMP-SS-46-002	1379210.72	481548.20	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-002	1379210.72	481548.20	.00	.50	U-238	=	5.90	2.60
	FMP-SS-46-002DRY	1379210.72	481548.20	.00	.50	CS-137	<	2.20	
	FMP-SS-46-002DRY	1379210.72	481548.20	.00	.50	RA-226	<	.30	
	FMP-SS-46-002DRY	1379210.72	481548.20	.00	.50	RU-106	<	18.90	
	FMP-SS-46-002DRY	1379210.72	481548.20	.00	.50	TH-232	<	.70	
	FMP-SS-46-002DRY	1379210.72	481548.20	.00	.50	U-238	=	13.50	5.40
	FMP-SS-46-003	1379266.52	481503.66	.00	.50	CS-137	<	.10	
	FMP-SS-46-003	1379266.52	481503.66	.00	.50	RA-226	<	1.40	
	FMP-SS-46-003	1379266.52	481503.66	.00	.50	RU-106	<	.70	
	FMP-SS-46-003	1379266.52	481503.66	.00	.50	TH-232	<	1.50	
	FMP-SS-46-003	1379266.52	481503.66	.00	.50	U-238	<	4.30	
	FMP-SS-46-003DRY	1379266.52	481503.66	.00	.50	CS-137	<	.10	
	FMP-SS-46-003DRY	1379266.52	481503.66	.00	.50	RA-226	<	2.40	
	FMP-SS-46-003DRY	1379266.52	481503.66	.00	.50	RU-106	<	12.50	
	FMP-SS-46-003DRY	1379266.52	481503.66	.00	.50	TH-232	<	.50	
	FMP-SS-46-003DRY	1379266.52	481503.66	.00	.50	U-238	<	11.40	
	FMP-SS-46-004	1379676.77	480849.19	.00	.16	CS-137	<	.40	
	FMP-SS-46-004	1379676.77	480849.19	.00	.16	RA-226	<	.80	
	FMP-SS-46-004	1379676.77	480849.19	.00	.16	RU-106	<	7.30	
	FMP-SS-46-004	1379676.77	480849.19	.00	.16	TH-232	=	1.00	.50
	FMP-SS-46-004	1379676.77	480849.19	.00	.16	U-238	=	9.70	2.70
	FMP-SS-46-005	1379676.77	480849.19	.00	.50	CS-137	<	.50	
	FMP-SS-46-005	1379676.77	480849.19	.00	.50	RA-226	<	.50	
	FMP-SS-46-005	1379676.77	480849.19	.00	.50	RU-106	<	4.30	
	FMP-SS-46-005	1379676.77	480849.19	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-005	1379676.77	480849.19	.00	.50	U-238	=	5.70	2.60
	FMP-SS-46-006	1379789.04	481296.28	.00	.16	CS-137	=	.60	.30
	FMP-SS-46-006	1379789.04	481296.28	.00	.16	RA-226	=	.90	.30

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-006	1379789.04	481296.28	.00	.16	RU-106	<	2.50	
	FMP-SS-46-006	1379789.04	481296.28	.00	.16	TH-232	<	.40	
	FMP-SS-46-006	1379789.04	481296.28	.00	.16	U-238	=	8.80	2.50
	FMP-SS-46-007	1379789.04	481296.28	.00	.50	CS-137	<	.30	
	FMP-SS-46-007	1379789.04	481296.28	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-007	1379789.04	481296.28	.00	.50	RU-106	<	3.30	
	FMP-SS-46-007	1379789.04	481296.28	.00	.50	TH-232	=	.80	.60
	FMP-SS-46-007	1379789.04	481296.28	.00	.50	U-238	=	7.90	2.40
	FMP-SS-46-008	1379591.85	481401.72	.00	.16	CS-137	<	.60	
	FMP-SS-46-008	1379591.85	481401.72	.00	.16	RA-226	=	.70	.30
	FMP-SS-46-008	1379591.85	481401.72	.00	.16	RU-106	<	5.50	
	FMP-SS-46-008	1379591.85	481401.72	.00	.16	TH-232	=	.80	.40
	FMP-SS-46-008	1379591.85	481401.72	.00	.16	U-238	=	4.70	2.50
	FMP-SS-46-009	1379591.85	481401.72	.00	.50	CS-137	=	.60	.30
	FMP-SS-46-009	1379591.85	481401.72	.00	.50	RA-226	=	.80	.60
	FMP-SS-46-009	1379591.85	481401.72	.00	.50	RU-106	<	6.30	
	FMP-SS-46-009	1379591.85	481401.72	.00	.50	TH-232	=	.50	.40
	FMP-SS-46-009	1379591.85	481401.72	.00	.50	U-238	=	9.30	2.60
	FMP-SS-46-010	1379600.06	481701.61	.00	.16	CS-137	<	.30	
	FMP-SS-46-010	1379600.06	481701.61	.00	.16	RA-226	=	.40	.20
	FMP-SS-46-010	1379600.06	481701.61	.00	.16	RU-106	<	3.00	
	FMP-SS-46-010	1379600.06	481701.61	.00	.16	TH-232	=	.50	.40
	FMP-SS-46-010	1379600.06	481701.61	.00	.16	U-238	=	8.60	2.30
	FMP-SS-46-010D	1379600.06	481701.61	.00	.16	CS-137	<	.30	
	FMP-SS-46-010D	1379600.06	481701.61	.00	.16	RA-226	=	.60	.40
	FMP-SS-46-010D	1379600.06	481701.61	.00	.16	RU-106	<	4.00	
	FMP-SS-46-010D	1379600.06	481701.61	.00	.16	TH-232	<	.40	
	FMP-SS-46-010D	1379600.06	481701.61	.00	.16	U-238	=	5.80	2.70
	FMP-SS-46-011	1379600.06	481701.61	.00	.50	CS-137	<	.40	
	FMP-SS-46-011	1379600.06	481701.61	.00	.50	RA-226	=	.90	.20
	FMP-SS-46-011	1379600.06	481701.61	.00	.50	RU-106	<	.90	
	FMP-SS-46-011	1379600.06	481701.61	.00	.50	TH-232	=	.80	.50
	FMP-SS-46-011	1379600.06	481701.61	.00	.50	U-238	=	2.80	1.60
	FMP-SS-46-012	1379447.38	481605.75	.00	.16	CS-137	=	.50	.20
	FMP-SS-46-012	1379447.38	481605.75	.00	.16	RA-226	=	.90	.30
	FMP-SS-46-012	1379447.38	481605.75	.00	.16	RU-106	<	2.50	
	FMP-SS-46-012	1379447.38	481605.75	.00	.16	TH-232	<	2.30	
	FMP-SS-46-012	1379447.38	481605.75	.00	.16	U-238	=	16.40	3.00
	FMP-SS-46-013	1379447.38	481605.75	.00	.50	CS-137	<	.30	
	FMP-SS-46-013	1379447.38	481605.75	.00	.50	RA-226	=	.80	.20
	FMP-SS-46-013	1379447.38	481605.75	.00	.50	RU-106	<	4.10	
	FMP-SS-46-013	1379447.38	481605.75	.00	.50	TH-232	<	.40	
	FMP-SS-46-013	1379447.38	481605.75	.00	.50	U-238	=	6.70	2.10

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-014	1379450.12	481705.71	.00	.16	CS-137	=	.50	.30
	FMP-SS-46-014	1379450.12	481705.71	.00	.16	RA-226	=	.60	.50
	FMP-SS-46-014	1379450.12	481705.71	.00	.16	RU-106	<	4.90	
	FMP-SS-46-014	1379450.12	481705.71	.00	.16	TH-232	<	.60	
	FMP-SS-46-014	1379450.12	481705.71	.00	.16	U-238	=	10.00	2.50
	FMP-SS-46-015	1379450.12	481705.71	.00	.50	CS-137	<	.70	
	FMP-SS-46-015	1379450.12	481705.71	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-015	1379450.12	481705.71	.00	.50	RU-106	<	8.90	
	FMP-SS-46-015	1379450.12	481705.71	.00	.50	TH-232	<	2.30	
	FMP-SS-46-015	1379450.12	481705.71	.00	.50	U-238	=	3.50	1.90
	FMP-SS-46-016	1379458.33	482005.60	.00	.16	CS-137	<	.90	
	FMP-SS-46-016	1379458.33	482005.60	.00	.16	RA-226	=	1.30	.80
	FMP-SS-46-016	1379458.33	482005.60	.00	.16	RU-106	<	3.60	
	FMP-SS-46-016	1379458.33	482005.60	.00	.16	TH-232	=	1.30	.80
	FMP-SS-46-016	1379458.33	482005.60	.00	.16	U-238	=	80.30	8.00
	FMP-SS-46-017	1379458.33	482005.60	.00	.50	CS-137	<	.70	
	FMP-SS-46-017	1379458.33	482005.60	.00	.50	RA-226	=	1.00	.50
	FMP-SS-46-017	1379458.33	482005.60	.00	.50	RU-106	<	3.50	
	FMP-SS-46-017	1379458.33	482005.60	.00	.50	TH-232	=	1.30	.70
	FMP-SS-46-017	1379458.33	482005.60	.00	.50	U-238	=	72.00	8.00
	FMP-SS-46-018	1379355.63	481908.37	.00	.16	CS-137	<	.80	
	FMP-SS-46-018	1379355.63	481908.37	.00	.16	RA-226	<	1.20	
	FMP-SS-46-018	1379355.63	481908.37	.00	.16	RU-106	<	6.00	
	FMP-SS-46-018	1379355.63	481908.37	.00	.16	TH-232	=	1.50	.90
	FMP-SS-46-018	1379355.63	481908.37	.00	.16	U-238	=	59.00	8.00
	FMP-SS-46-019	1379355.63	481908.37	.00	.50	CS-137	<	.90	
	FMP-SS-46-019	1379355.63	481908.37	.00	.50	RA-226	<	1.90	
	FMP-SS-46-019	1379355.63	481908.37	.00	.50	RU-106	<	7.90	
	FMP-SS-46-019	1379355.63	481908.37	.00	.50	TH-232	<	1.20	
	FMP-SS-46-019	1379355.63	481908.37	.00	.50	U-238	=	29.80	4.00
	FMP-SS-46-020	1379307.01	481959.72	.00	.16	CS-137	<	.40	
	FMP-SS-46-020	1379307.01	481959.72	.00	.16	RA-226	<	1.00	
	FMP-SS-46-020	1379307.01	481959.72	.00	.16	RU-106	<	.60	
	FMP-SS-46-020	1379307.01	481959.72	.00	.16	TH-232	<	.70	
	FMP-SS-46-020	1379307.01	481959.72	.00	.16	U-238	=	59.60	7.00
	FMP-SS-46-020D	1379307.01	481959.72	.00	.16	CS-137	<	1.00	
	FMP-SS-46-020D	1379307.01	481959.72	.00	.16	RA-226	=	1.10	.60
	FMP-SS-46-020D	1379307.01	481959.72	.00	.16	RU-106	<	9.40	
	FMP-SS-46-020D	1379307.01	481959.72	.00	.16	TH-232	=	1.30	.60
	FMP-SS-46-020D	1379307.01	481959.72	.00	.16	U-238	=	55.60	6.00
	FMP-SS-46-021	1379307.01	481959.72	.00	.50	CS-137	<	.40	
	FMP-SS-46-021	1379307.01	481959.72	.00	.50	RA-226	<	1.10	
	FMP-SS-46-021	1379307.01	481959.72	.00	.50	RU-106	<	9.10	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-021	1379307.01	481959.72	.00	.50	TH-232	=	.90	.50
	FMP-SS-46-021	1379307.01	481959.72	.00	.50	U-238	=	30.60	6.00
	FMP-SS-46-022	1379406.98	481956.98	.00	.16	CS-137	<	.70	
	FMP-SS-46-022	1379406.98	481956.98	.00	.16	RA-226	<	.90	
	FMP-SS-46-022	1379406.98	481956.98	.00	.16	RU-106	<	4.10	
	FMP-SS-46-022	1379406.98	481956.98	.00	.16	TH-232	=	1.10	.70
	FMP-SS-46-022	1379406.98	481956.98	.00	.16	U-238	=	53.50	7.00
	FMP-SS-46-023	1379406.98	481956.98	.00	.50	CS-137	<	.50	
	FMP-SS-46-023	1379406.98	481956.98	.00	.50	RA-226	=	.60	.40
	FMP-SS-46-023	1379406.98	481956.98	.00	.50	RU-106	<	4.40	
	FMP-SS-46-023	1379406.98	481956.98	.00	.50	TH-232	=	1.40	.40
	FMP-SS-46-023	1379406.98	481956.98	.00	.50	U-238	=	33.40	5.00
	FMP-SS-46-024	1379408.34	482006.97	.00	.16	CS-137	<	.40	
	FMP-SS-46-024	1379408.34	482006.97	.00	.16	RA-226	=	.70	.50
	FMP-SS-46-024	1379408.34	482006.97	.00	.16	RU-106	<	5.30	
	FMP-SS-46-024	1379408.34	482006.97	.00	.16	TH-232	=	1.00	.40
	FMP-SS-46-024	1379408.34	482006.97	.00	.16	U-238	=	37.80	6.00
	FMP-SS-46-025	1379408.34	482006.97	.00	.50	CS-137	<	.60	
	FMP-SS-46-025	1379408.34	482006.97	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-025	1379408.34	482006.97	.00	.50	RU-106	<	3.10	
	FMP-SS-46-025	1379408.34	482006.97	.00	.50	TH-232	=	.70	.40
	FMP-SS-46-025	1379408.34	482006.97	.00	.50	U-238	=	23.80	5.00
	FMP-SS-46-026	1379405.61	481907.00	.00	.50	CS-137	=	.50	.20
	FMP-SS-46-026	1379405.61	481907.00	.00	.50	RA-226	=	.70	.40
	FMP-SS-46-026	1379405.61	481907.00	.00	.50	RU-106	<	6.90	
	FMP-SS-46-026	1379405.61	481907.00	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-026	1379405.61	481907.00	.00	.50	U-238	=	18.70	3.50
	FMP-SS-46-027	1379455.59	481905.64	.00	.50	CS-137	<	1.10	
	FMP-SS-46-027	1379455.59	481905.64	.00	.50	RA-226	=	1.10	.30
	FMP-SS-46-027	1379455.59	481905.64	.00	.50	RU-106	<	8.00	
	FMP-SS-46-027	1379455.59	481905.64	.00	.50	TH-232	<	.50	
	FMP-SS-46-027	1379455.59	481905.64	.00	.50	U-238	=	18.70	3.50
	FMP-SS-46-028	1379505.57	481904.27	.00	.50	CS-137	=	.90	.30
	FMP-SS-46-028	1379505.57	481904.27	.00	.50	RA-226	<	1.80	
	FMP-SS-46-028	1379505.57	481904.27	.00	.50	RU-106	<	8.80	
	FMP-SS-46-028	1379505.57	481904.27	.00	.50	TH-232	=	.80	.60
	FMP-SS-46-028	1379505.57	481904.27	.00	.50	U-238	=	41.30	6.00
	FMP-SS-46-029	1379555.55	481902.90	.00	.50	CS-137	<	.50	
	FMP-SS-46-029	1379555.55	481902.90	.00	.50	RA-226	=	.80	.50
	FMP-SS-46-029	1379555.55	481902.90	.00	.50	RU-106	<	4.50	
	FMP-SS-46-029	1379555.55	481902.90	.00	.50	TH-232	<	1.20	
	FMP-SS-46-029	1379555.55	481902.90	.00	.50	U-238	=	20.70	4.30
	FMP-SS-46-030	1379354.26	481858.39	.00	.50	CS-137	=	.40	.20

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-030	1379354.26	481858.39	.00	.50	RA-226	<	.80	
	FMP-SS-46-030	1379354.26	481858.39	.00	.50	RU-106	<	4.70	
	FMP-SS-46-030	1379354.26	481858.39	.00	.50	TH-232	=	.70	.60
	FMP-SS-46-030	1379354.26	481858.39	.00	.50	U-238	=	27.50	3.60
	FMP-SS-46-030D	1379354.26	481858.39	.00	.50	CS-137	<	1.10	
	FMP-SS-46-030D	1379354.26	481858.39	.00	.50	RA-226	=	.90	.50
	FMP-SS-46-030D	1379354.26	481858.39	.00	.50	RU-106	<	6.10	
	FMP-SS-46-030D	1379354.26	481858.39	.00	.50	TH-232	=	.70	.50
	FMP-SS-46-030D	1379354.26	481858.39	.00	.50	U-238	=	25.30	5.00
	FMP-SS-46-031	1379404.24	481857.02	.00	.50	CS-137	<	.30	
	FMP-SS-46-031	1379404.24	481857.02	.00	.50	RA-226	<	.90	
	FMP-SS-46-031	1379404.24	481857.02	.00	.50	RU-106	<	6.40	
	FMP-SS-46-031	1379404.24	481857.02	.00	.50	TH-232	=	.70	.50
	FMP-SS-46-031	1379404.24	481857.02	.00	.50	U-238	=	14.20	3.80
	FMP-SS-46-032	1379454.22	481855.65	.00	.50	CS-137	=	.40	.30
	FMP-SS-46-032	1379454.22	481855.65	.00	.50	RA-226	<	1.90	
	FMP-SS-46-032	1379454.22	481855.65	.00	.50	RU-106	<	.50	
	FMP-SS-46-032	1379454.22	481855.65	.00	.50	TH-232	<	3.50	
	FMP-SS-46-032	1379454.22	481855.65	.00	.50	U-238	=	113.00	9.00
	FMP-SS-46-033	1379504.20	481854.29	.00	.50	CS-137	=	.40	.20
	FMP-SS-46-033	1379504.20	481854.29	.00	.50	RA-226	=	.50	.30
	FMP-SS-46-033	1379504.20	481854.29	.00	.50	RU-106	<	4.70	
	FMP-SS-46-033	1379504.20	481854.29	.00	.50	TH-232	<	.50	
	FMP-SS-46-033	1379504.20	481854.29	.00	.50	U-238	=	11.80	3.80
	FMP-SS-46-035	1379554.18	481852.92	.00	.50	CS-137	<	.10	
	FMP-SS-46-035	1379554.18	481852.92	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-035	1379554.18	481852.92	.00	.50	RU-106	<	8.90	
	FMP-SS-46-035	1379554.18	481852.92	.00	.50	TH-232	=	.70	.50
	FMP-SS-46-035	1379554.18	481852.92	.00	.50	U-238	=	14.70	3.40
	FMP-SS-46-036	1379202.95	481812.51	.00	.50	CS-137	<	.70	
	FMP-SS-46-036	1379202.95	481812.51	.00	.50	RA-226	<	1.40	
	FMP-SS-46-036	1379202.95	481812.51	.00	.50	RU-106	<	9.40	
	FMP-SS-46-036	1379202.95	481812.51	.00	.50	TH-232	=	1.20	.50
	FMP-SS-46-036	1379202.95	481812.51	.00	.50	U-238	=	8.20	7.00
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	CS-137	<	.30	
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	RA-226	=	.60	.40
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	RU-106	<	3.40	
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	TH-232	=	.70	.40
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	U-238	=	55.00	6.00
	FMP-SS-46-038	1379302.91	481809.78	.00	.50	CS-137	<	.90	
	FMP-SS-46-038	1379302.91	481809.78	.00	.50	RA-226	=	1.20	.30
	FMP-SS-46-038	1379302.91	481809.78	.00	.50	RU-106	<	5.80	
	FMP-SS-46-038	1379302.91	481809.78	.00	.50	TH-232	=	1.60	.40

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-038	1379302.91	481809.78	.00	.50	U-238	=	34.00	5.00
	FMP-SS-46-039	1379402.87	481807.04	.00	.50	CS-137	<	1.00	
	FMP-SS-46-039	1379402.87	481807.04	.00	.50	RA-226	=	.80	.40
	FMP-SS-46-039	1379402.87	481807.04	.00	.50	RU-106	<	8.80	
	FMP-SS-46-039	1379402.87	481807.04	.00	.50	TH-232	<	.70	
	FMP-SS-46-039	1379402.87	481807.04	.00	.50	U-238	=	20.20	5.00
	FMP-SS-46-040	1379452.85	481805.67	.00	.50	CS-137	<	.40	
	FMP-SS-46-040	1379452.85	481805.67	.00	.50	RA-226	=	1.00	.40
	FMP-SS-46-040	1379452.85	481805.67	.00	.50	RU-106	<	7.50	
	FMP-SS-46-040	1379452.85	481805.67	.00	.50	TH-232	=	1.60	.30
	FMP-SS-46-040	1379452.85	481805.67	.00	.50	U-238	=	23.00	4.00
	FMP-SS-46-041	1379502.84	481804.30	.00	.50	CS-137	<	.80	
	FMP-SS-46-041	1379502.84	481804.30	.00	.50	RA-226	<	.90	
	FMP-SS-46-041	1379502.84	481804.30	.00	.50	RU-106	<	.50	
	FMP-SS-46-041	1379502.84	481804.30	.00	.50	TH-232	=	.80	.30
	FMP-SS-46-041	1379502.84	481804.30	.00	.50	U-238	=	12.00	3.20
	FMP-SS-46-041D	1379502.84	481804.30	.00	.50	CS-137	<	.10	
	FMP-SS-46-041D	1379502.84	481804.30	.00	.50	RA-226	=	.50	.30
	FMP-SS-46-041D	1379502.84	481804.30	.00	.50	RU-106	<	3.30	
	FMP-SS-46-041D	1379502.84	481804.30	.00	.50	TH-232	=	.50	.40
	FMP-SS-46-041D	1379502.84	481804.30	.00	.50	U-238	=	10.90	2.50
	FMP-SS-46-042	1379552.82	481802.94	.00	.50	CS-137	<	.10	
	FMP-SS-46-042	1379552.82	481802.94	.00	.50	RA-226	=	.80	.40
	FMP-SS-46-042	1379552.82	481802.94	.00	.50	RU-106	<	3.20	
	FMP-SS-46-042	1379552.82	481802.94	.00	.50	TH-232	=	.60	.30
	FMP-SS-46-042	1379552.82	481802.94	.00	.50	U-238	=	5.10	2.80
	FMP-SS-46-043	1379151.60	481763.90	.00	.50	CS-137	<	1.60	
	FMP-SS-46-043	1379151.60	481763.90	.00	.50	RA-226	<	2.00	
	FMP-SS-46-043	1379151.60	481763.90	.00	.50	RU-106	<	7.90	
	FMP-SS-46-043	1379151.60	481763.90	.00	.50	TH-232	<	4.00	
	FMP-SS-46-043	1379151.60	481763.90	.00	.50	U-238	=	641.00	21.00
	FMP-SS-46-044	1379201.58	481762.53	.00	.50	CS-137	<	.10	
	FMP-SS-46-044	1379201.58	481762.53	.00	.50	RA-226	=	9.60	3.40
	FMP-SS-46-044	1379201.58	481762.53	.00	.50	RU-106	<	3.10	
	FMP-SS-46-044	1379201.58	481762.53	.00	.50	TH-232	<	.50	
	FMP-SS-46-044	1379201.58	481762.53	.00	.50	U-238	=	26.70	3.40
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	CS-137	<	.50	
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	RU-106	<	4.30	
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	TH-232	<	2.20	
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	U-238	=	9.50	2.40
	FMP-SS-46-046	1379451.49	481755.69	.00	.50	CS-137	<	.70	
	FMP-SS-46-046	1379451.49	481755.69	.00	.50	RA-226	<	.90	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-046	1379451.49	481755.69	.00	.50	RU-106	<	.50	
	FMP-SS-46-046	1379451.49	481755.69	.00	.50	TH-232	=	.70	.30
	FMP-SS-46-046	1379451.49	481755.69	.00	.50	U-238	=	8.00	2.00
	FMP-SS-46-047S	1379451.49	481755.69	.00	.50	CS-137	=	.60	.20
	FMP-SS-46-047S	1379451.49	481755.69	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-047S	1379451.49	481755.69	.00	.50	RU-106	<	.50	
	FMP-SS-46-047S	1379451.49	481755.69	.00	.50	TH-232	=	.50	.30
	FMP-SS-46-047S	1379451.49	481755.69	.00	.50	U-238	=	12.80	2.80
	FMP-SS-46-048	1379501.47	481754.32	.00	.50	CS-137	<	.40	
	FMP-SS-46-048	1379501.47	481754.32	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-048	1379501.47	481754.32	.00	.50	RU-106	<	.50	
	FMP-SS-46-048	1379501.47	481754.32	.00	.50	TH-232	<	1.80	
	FMP-SS-46-048	1379501.47	481754.32	.00	.50	U-238	=	12.40	3.30
	FMP-SS-46-049S	1379501.47	481754.32	.00	.50	CS-137	=	.30	.20
	FMP-SS-46-049S	1379501.47	481754.32	.00	.50	RA-226	=	.60	.20
	FMP-SS-46-049S	1379501.47	481754.32	.00	.50	RU-106	<	5.10	
	FMP-SS-46-049S	1379501.47	481754.32	.00	.50	TH-232	<	.50	
	FMP-SS-46-049S	1379501.47	481754.32	.00	.50	U-238	=	6.80	2.00
	FMP-SS-46-050	1379400.14	481707.08	.00	.50	CS-137	<	.40	
	FMP-SS-46-050	1379400.14	481707.08	.00	.50	RA-226	=	.40	.20
	FMP-SS-46-050	1379400.14	481707.08	.00	.50	RU-106	<	2.50	
	FMP-SS-46-050	1379400.14	481707.08	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-050	1379400.14	481707.08	.00	.50	U-238	=	9.00	2.80
	FMP-SS-46-051	1379500.10	481704.34	.00	.50	CS-137	<	.30	
	FMP-SS-46-051	1379500.10	481704.34	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-051	1379500.10	481704.34	.00	.50	RU-106	<	.50	
	FMP-SS-46-051	1379500.10	481704.34	.00	.50	TH-232	<	.50	
	FMP-SS-46-051	1379500.10	481704.34	.00	.50	U-238	=	3.50	3.00
	FMP-SS-46-051D	1379500.10	481704.34	.00	.50	CS-137	=	.50	.20
	FMP-SS-46-051D	1379500.10	481704.34	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-051D	1379500.10	481704.34	.00	.50	RU-106	<	1.50	
	FMP-SS-46-051D	1379500.10	481704.34	.00	.50	TH-232	=	.60	.30
	FMP-SS-46-051D	1379500.10	481704.34	.00	.50	U-238	=	9.20	2.80
	FMP-SS-46-052	1379198.84	481662.57	.00	.50	CS-137	<	.40	
	FMP-SS-46-052	1379198.84	481662.57	.00	.50	RA-226	=	.60	.50
	FMP-SS-46-052	1379198.84	481662.57	.00	.50	RU-106	<	5.70	
	FMP-SS-46-052	1379198.84	481662.57	.00	.50	TH-232	<	1.80	
	FMP-SS-46-052	1379198.84	481662.57	.00	.50	U-238	=	24.50	4.90
	FMP-SS-46-053	1379248.83	481661.20	.00	.50	CS-137	<	.50	
	FMP-SS-46-053	1379248.83	481661.20	.00	.50	RA-226	=	.80	.30
	FMP-SS-46-053	1379248.83	481661.20	.00	.50	RU-106	<	5.00	
	FMP-SS-46-053	1379248.83	481661.20	.00	.50	TH-232	=	1.20	.30
	FMP-SS-46-053	1379248.83	481661.20	.00	.50	U-238	=	28.90	3.50

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-054	1379398.77	481657.10	.00	.50	CS-137	<	.30	
	FMP-SS-46-054	1379398.77	481657.10	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-054	1379398.77	481657.10	.00	.50	RU-106	<	4.50	
	FMP-SS-46-054	1379398.77	481657.10	.00	.50	TH-232	<	.30	
	FMP-SS-46-054	1379398.77	481657.10	.00	.50	U-238	=	5.30	2.60
	FMP-SS-46-055	1379448.75	481655.73	.00	.50	CS-137	<	.30	
	FMP-SS-46-055	1379448.75	481655.73	.00	.50	RA-226	<	.40	
	FMP-SS-46-055	1379448.75	481655.73	.00	.50	RU-106	<	3.50	
	FMP-SS-46-055	1379448.75	481655.73	.00	.50	TH-232	=	1.10	.50
	FMP-SS-46-055	1379448.75	481655.73	.00	.50	U-238	=	6.60	2.50
	FMP-SS-46-056	1379147.49	481613.96	.00	.50	CS-137	<	.10	
	FMP-SS-46-056	1379147.49	481613.96	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-056	1379147.49	481613.96	.00	.50	RU-106	<	3.70	
	FMP-SS-46-056	1379147.49	481613.96	.00	.50	TH-232	=	1.10	.40
	FMP-SS-46-056	1379147.49	481613.96	.00	.50	U-238	=	17.20	4.00
	FMP-SS-46-057	1379197.48	481612.59	.00	.50	CS-137	<	.30	
	FMP-SS-46-057	1379197.48	481612.59	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-057	1379197.48	481612.59	.00	.50	RU-106	<	6.40	
	FMP-SS-46-057	1379197.48	481612.59	.00	.50	TH-232	=	.70	.40
	FMP-SS-46-057	1379197.48	481612.59	.00	.50	U-238	=	13.70	3.30
	FMP-SS-46-058	1379297.44	481609.85	.00	.50	CS-137	<	.40	
	FMP-SS-46-058	1379297.44	481609.85	.00	.50	RA-226	=	.80	.30
	FMP-SS-46-058	1379297.44	481609.85	.00	.50	RU-106	<	5.10	
	FMP-SS-46-058	1379297.44	481609.85	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-058	1379297.44	481609.85	.00	.50	U-238	=	11.20	2.60
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	CS-137	<	.50	
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	RA-226	=	.80	.50
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	RU-106	<	1.60	
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	TH-232	=	.80	.60
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	U-238	=	74.00	8.00
	FMP-SS-46-060	1379446.01	481555.77	.00	.50	CS-137	=	.30	
	FMP-SS-46-060	1379446.01	481555.77	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-060	1379446.01	481555.77	.00	.50	RU-106	<	4.00	
	FMP-SS-46-060	1379446.01	481555.77	.00	.50	TH-232	=	.80	.30
	FMP-SS-46-060	1379446.01	481555.77	.00	.50	U-238	=	9.70	3.00
	FMP-SS-46-061	1379496.00	481554.40	.00	.50	CS-137	<	.20	
	FMP-SS-46-061	1379496.00	481554.40	.00	.50	RA-226	=	.80	.50
	FMP-SS-46-061	1379496.00	481554.40	.00	.50	RU-106	<	6.60	
	FMP-SS-46-061	1379496.00	481554.40	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-061	1379496.00	481554.40	.00	.50	U-238	=	6.30	2.30
	FMP-SS-46-061D	1379496.00	481554.40	.00	.50	CS-137	=	.30	.10
	FMP-SS-46-061D	1379496.00	481554.40	.00	.50	RA-226	=	.80	.30
	FMP-SS-46-061D	1379496.00	481554.40	.00	.50	RU-106	<	6.50	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-061D	1379496.00	481554.40	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-061D	1379496.00	481554.40	.00	.50	U-238	=	5.00	3.00
	FMP-SS-46-062	1379044.80	481516.73	.00	.50	CS-137	<	.40	
	FMP-SS-46-062	1379044.80	481516.73	.00	.50	RA-226	<	.90	
	FMP-SS-46-062	1379044.80	481516.73	.00	.50	RU-106	<	.90	
	FMP-SS-46-062	1379044.80	481516.73	.00	.50	TH-232	<	.30	
	FMP-SS-46-062	1379044.80	481516.73	.00	.50	U-238	=	34.00	4.70
	FMP-SS-46-063	1378693.56	481476.32	.00	.50	CS-137	<	.20	
	FMP-SS-46-063	1378693.56	481476.32	.00	.50	RA-226	=	1.10	.20
	FMP-SS-46-063	1378693.56	481476.32	.00	.50	RU-106	<	5.10	
	FMP-SS-46-063	1378693.56	481476.32	.00	.50	TH-232	=	.80	.50
	FMP-SS-46-063	1378693.56	481476.32	.00	.50	U-238	=	9.50	3.60
	FMP-SS-46-064	1378743.54	481474.96	.00	.50	CS-137	<	.30	
	FMP-SS-46-064	1378743.54	481474.96	.00	.50	RA-226	<	.60	
	FMP-SS-46-064	1378743.54	481474.96	.00	.50	RU-106	<	5.20	
	FMP-SS-46-064	1378743.54	481474.96	.00	.50	TH-232	=	.80	.40
	FMP-SS-46-064	1378743.54	481474.96	.00	.50	U-238	=	11.70	3.20
	FMP-SS-46-065	1378843.50	481472.22	.00	.50	CS-137	<	.10	
	FMP-SS-46-065	1378843.50	481472.22	.00	.50	RA-226	<	1.70	
	FMP-SS-46-065	1378843.50	481472.22	.00	.50	RU-106	<	.50	
	FMP-SS-46-065	1378843.50	481472.22	.00	.50	TH-232	<	3.20	
	FMP-SS-46-065	1378843.50	481472.22	.00	.50	U-238	=	14.00	3.90
	FMP-SS-46-066	1379143.39	481464.01	.00	.50	CS-137	<	.30	
	FMP-SS-46-066	1379143.39	481464.01	.00	.50	RA-226	=	2.50	.50
	FMP-SS-46-066	1379143.39	481464.01	.00	.50	RU-106	<	4.80	
	FMP-SS-46-066	1379143.39	481464.01	.00	.50	TH-232	<	2.50	
	FMP-SS-46-066	1379143.39	481464.01	.00	.50	U-238	<	11.90	
	FMP-SS-46-067QC	1379143.39	481464.01	.00	.50	CS-137	<	.70	
	FMP-SS-46-067QC	1379143.39	481464.01	.00	.50	RA-226	=	2.50	.50
	FMP-SS-46-067QC	1379143.39	481464.01	.00	.50	RU-106	<	.50	
	FMP-SS-46-067QC	1379143.39	481464.01	.00	.50	TH-232	<	1.50	
	FMP-SS-46-067QC	1379143.39	481464.01	.00	.50	U-238	=	4.80	2.50
	FMP-SS-46-068	1378692.19	481426.34	.00	.50	CS-137	<	1.10	
	FMP-SS-46-068	1378692.19	481426.34	.00	.50	RA-226	=	.80	.30
	FMP-SS-46-068	1378692.19	481426.34	.00	.50	RU-106	<	5.00	
	FMP-SS-46-068	1378692.19	481426.34	.00	.50	TH-232	<	1.80	
	FMP-SS-46-068	1378692.19	481426.34	.00	.50	U-238	=	95.30	7.20
	FMP-SS-46-069	1378742.17	481424.97	.00	.50	CS-137	<	.50	
	FMP-SS-46-069	1378742.17	481424.97	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-069	1378742.17	481424.97	.00	.50	RU-106	<	8.10	
	FMP-SS-46-069	1378742.17	481424.97	.00	.50	TH-232	=	.90	.50
	FMP-SS-46-069	1378742.17	481424.97	.00	.50	U-238	=	7.80	3.20
	FMP-SS-46-070	1378792.15	481423.61	.00	.50	CS-137	<	.80	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-070	1378792.15	481423.61	.00	.50	RA-226	=	.90	.20
	FMP-SS-46-070	1378792.15	481423.61	.00	.50	RU-106	<	8.30	
	FMP-SS-46-070	1378792.15	481423.61	.00	.50	TH-232	=	.70	.30
	FMP-SS-46-070	1378792.15	481423.61	.00	.50	U-238	=	28.60	5.00
	FMP-SS-46-071	1380268.97	482383.56	.00	.50	CS-137	<	.40	
	FMP-SS-46-071	1380268.97	482383.56	.00	.50	RA-226	=	.80	.30
	FMP-SS-46-071	1380268.97	482383.56	.00	.50	RU-106	<	.50	
	FMP-SS-46-071	1380268.97	482383.56	.00	.50	TH-232	=	.90	.50
	FMP-SS-46-071	1380268.97	482383.56	.00	.50	U-238	=	4.70	2.30
	FMP-SS-46-071D	1380268.97	482383.56	.00	.50	CS-137	=	.60	.20
	FMP-SS-46-071D	1380268.97	482383.56	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-071D	1380268.97	482383.56	.00	.50	RU-106	<	5.30	
	FMP-SS-46-071D	1380268.97	482383.56	.00	.50	TH-232	<	2.60	
	FMP-SS-46-071D	1380268.97	482383.56	.00	.50	U-238	=	4.60	2.10
	FMP-SS-46-072	1380214.88	482234.98	.00	.50	CS-137	=	.40	.30
	FMP-SS-46-072	1380214.88	482234.98	.00	.50	RA-226	=	.90	.60
	FMP-SS-46-072	1380214.88	482234.98	.00	.50	RU-106	<	3.80	
	FMP-SS-46-072	1380214.88	482234.98	.00	.50	TH-232	=	1.20	.30
	FMP-SS-46-072	1380214.88	482234.98	.00	.50	U-238	=	12.30	4.00
	FMP-SS-46-073	1380114.92	482237.72	.00	.50	CS-137	=	.40	.20
	FMP-SS-46-073	1380114.92	482237.72	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-073	1380114.92	482237.72	.00	.50	RU-106	<	3.80	
	FMP-SS-46-073	1380114.92	482237.72	.00	.50	TH-232	=	1.10	.30
	FMP-SS-46-073	1380114.92	482237.72	.00	.50	U-238	=	11.80	3.20
	FMP-SS-46-074	1380064.94	482239.09	.00	.50	CS-137	<	.50	
	FMP-SS-46-074	1380064.94	482239.09	.00	.50	RA-226	=	.50	.30
	FMP-SS-46-074	1380064.94	482239.09	.00	.50	RU-106	<	8.80	
	FMP-SS-46-074	1380064.94	482239.09	.00	.50	TH-232	=	.50	.20
	FMP-SS-46-074	1380064.94	482239.09	.00	.50	U-238	=	12.10	2.70
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	CS-137	=	.50	.20
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	RA-226	=	.80	.50
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	RU-106	<	.50	
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	TH-232	<	.30	
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	U-238	=	31.90	4.40
	FMP-SS-46-076	1379964.98	482241.82	.00	.50	CS-137	<	1.00	
	FMP-SS-46-076	1379964.98	482241.82	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-076	1379964.98	482241.82	.00	.50	RU-106	<	2.60	
	FMP-SS-46-076	1379964.98	482241.82	.00	.50	TH-232	<	.50	
	FMP-SS-46-076	1379964.98	482241.82	.00	.50	U-238	=	19.90	3.60
	FMP-SS-46-077	1379915.00	482243.19	.00	.50	CS-137	<	.50	
	FMP-SS-46-077	1379915.00	482243.19	.00	.50	RA-226	=	1.60	.40
	FMP-SS-46-077	1379915.00	482243.19	.00	.50	RU-106	<	6.80	
	FMP-SS-46-077	1379915.00	482243.19	.00	.50	TH-232	=	1.50	.50

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-077	1379915.00	482243.19	.00	.50	U-238	=	27.80	5.50
	FMP-SS-46-078	1379563.76	482202.79	.00	.50	CS-137	=	.30	.20
	FMP-SS-46-078	1379563.76	482202.79	.00	.50	RA-226	=	1.00	.20
	FMP-SS-46-078	1379563.76	482202.79	.00	.50	RU-106	<	8.00	
	FMP-SS-46-078	1379563.76	482202.79	.00	.50	TH-232	=	.80	.30
	FMP-SS-46-078	1379563.76	482202.79	.00	.50	U-238	=	7.60	2.80
	FMP-SS-46-079	1379713.70	482198.68	.00	.50	CS-137	<	.50	
	FMP-SS-46-079	1379713.70	482198.68	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-079	1379713.70	482198.68	.00	.50	RU-106	<	8.00	
	FMP-SS-46-079	1379713.70	482198.68	.00	.50	TH-232	=	1.50	.60
	FMP-SS-46-079	1379713.70	482198.68	.00	.50	U-238	=	4.60	3.00
	FMP-SS-46-080	1379763.69	482197.32	.00	.50	CS-137	<	.50	
	FMP-SS-46-080	1379763.69	482197.32	.00	.50	RA-226	<	.50	
	FMP-SS-46-080	1379763.69	482197.32	.00	.50	RU-106	<	4.40	
	FMP-SS-46-080	1379763.69	482197.32	.00	.50	TH-232	=	2.00	.40
	FMP-SS-46-080	1379763.69	482197.32	.00	.50	U-238	=	13.50	2.80
	FMP-SS-46-081	1379612.37	482151.44	.00	.50	CS-137	<	.80	
	FMP-SS-46-081	1379612.37	482151.44	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-081	1379612.37	482151.44	.00	.50	RU-106	<	2.50	
	FMP-SS-46-081	1379612.37	482151.44	.00	.50	TH-232	=	1.70	.70
	FMP-SS-46-081	1379612.37	482151.44	.00	.50	U-238	=	9.40	3.00
	FMP-SS-46-081D	1379612.37	482151.44	.00	.50	CS-137	<	.90	
	FMP-SS-46-081D	1379612.37	482151.44	.00	.50	RA-226	=	.60	.20
	FMP-SS-46-081D	1379612.37	482151.44	.00	.50	RU-106	<	3.10	
	FMP-SS-46-081D	1379612.37	482151.44	.00	.50	TH-232	=	1.40	.60
	FMP-SS-46-081D	1379612.37	482151.44	.00	.50	U-238	=	10.10	2.90
	FMP-SS-46-082	1379611.01	482101.46	.00	.50	CS-137	=	.50	.40
	FMP-SS-46-082	1379611.01	482101.46	.00	.50	RA-226	=	1.70	.30
	FMP-SS-46-082	1379611.01	482101.46	.00	.50	RU-106	<	2.20	
	FMP-SS-46-082	1379611.01	482101.46	.00	.50	TH-232	=	2.20	.90
	FMP-SS-46-082	1379611.01	482101.46	.00	.50	U-238	=	37.80	5.00
	FMP-SS-46-083	1379660.99	482100.09	.00	.50	CS-137	<	.90	
	FMP-SS-46-083	1379660.99	482100.09	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-083	1379660.99	482100.09	.00	.50	RU-106	<	5.00	
	FMP-SS-46-083	1379660.99	482100.09	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-083	1379660.99	482100.09	.00	.50	U-238	=	12.20	2.60
	FMP-SS-46-084	1379760.95	482097.35	.00	.50	CS-137	<	.50	
	FMP-SS-46-084	1379760.95	482097.35	.00	.50	RA-226	=	.50	.30
	FMP-SS-46-084	1379760.95	482097.35	.00	.50	RU-106	<	4.40	
	FMP-SS-46-084	1379760.95	482097.35	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-084	1379760.95	482097.35	.00	.50	U-238	=	8.70	2.80
	FMP-SS-46-085	1379710.97	482098.72	.00	.50	CS-137	<	.90	
	FMP-SS-46-085	1379710.97	482098.72	.00	.50	RA-226	=	.90	.40

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-085	1379710.97	482098.72	.00	.50	RU-106	<	3.80	
	FMP-SS-46-085	1379710.97	482098.72	.00	.50	TH-232	=	1.10	.50
	FMP-SS-46-085	1379710.97	482098.72	.00	.50	U-238	=	85.10	8.00
	FMP-SS-46-086	1379810.93	482095.98	.00	.50	CS-137	<	.50	
	FMP-SS-46-086	1379810.93	482095.98	.00	.50	RA-226	<	.40	
	FMP-SS-46-086	1379810.93	482095.98	.00	.50	RU-106	<	.50	
	FMP-SS-46-086	1379810.93	482095.98	.00	.50	TH-232	=	.80	.30
	FMP-SS-46-086	1379810.93	482095.98	.00	.50	U-238	=	5.60	2.70
	FMP-SS-46-087	1379609.64	482051.48	.00	.50	CS-137	<	.90	
	FMP-SS-46-087	1379609.64	482051.48	.00	.50	RA-226	<	1.20	
	FMP-SS-46-087	1379609.64	482051.48	.00	.50	RU-106	<	3.40	
	FMP-SS-46-087	1379609.64	482051.48	.00	.50	TH-232	<	2.60	
	FMP-SS-46-087	1379609.64	482051.48	.00	.50	U-238	=	15.30	3.40
	FMP-SS-46-088	1379659.62	482050.11	.00	.50	CS-137	<	.50	
	FMP-SS-46-088	1379659.62	482050.11	.00	.50	RA-226	<	.40	
	FMP-SS-46-088	1379659.62	482050.11	.00	.50	RU-106	<	.40	
	FMP-SS-46-088	1379659.62	482050.11	.00	.50	TH-232	=	.70	.30
	FMP-SS-46-088	1379659.62	482050.11	.00	.50	U-238	=	21.10	3.10
	FMP-SS-46-089	1379709.60	482048.74	.00	.50	CS-137	<	.70	
	FMP-SS-46-089	1379709.60	482048.74	.00	.50	RA-226	<	.60	
	FMP-SS-46-089	1379709.60	482048.74	.00	.50	RU-106	<	8.00	
	FMP-SS-46-089	1379709.60	482048.74	.00	.50	TH-232	=	.60	.30
	FMP-SS-46-089	1379709.60	482048.74	.00	.50	U-238	=	27.90	3.60
	FMP-SS-46-090S	1379709.60	482048.74	.00	.50	CS-137	<	.70	
	FMP-SS-46-090S	1379709.60	482048.74	.00	.50	RA-226	<	.10	
	FMP-SS-46-090S	1379709.60	482048.74	.00	.50	RU-106	<	.50	
	FMP-SS-46-090S	1379709.60	482048.74	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-090S	1379709.60	482048.74	.00	.50	U-238	=	36.30	4.80
	FMP-SS-46-091	1379608.27	482001.49	.00	.50	CS-137	<	.50	
	FMP-SS-46-091	1379608.27	482001.49	.00	.50	RA-226	=	.70	.50
	FMP-SS-46-091	1379608.27	482001.49	.00	.50	RU-106	<	4.60	
	FMP-SS-46-091	1379608.27	482001.49	.00	.50	TH-232	=	1.20	.40
	FMP-SS-46-091	1379608.27	482001.49	.00	.50	U-238	=	16.80	3.70
	FMP-SS-46-091D	1379608.27	482001.49	.00	.50	CS-137	<	.40	
	FMP-SS-46-091D	1379608.27	482001.49	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-091D	1379608.27	482001.49	.00	.50	RU-106	<	4.70	
	FMP-SS-46-091D	1379608.27	482001.49	.00	.50	TH-232	=	.80	.40
	FMP-SS-46-091D	1379608.27	482001.49	.00	.50	U-238	=	16.70	3.60
	FMP-SS-46-092	1379508.31	482004.23	.00	.50	CS-137	<	.70	
	FMP-SS-46-092	1379508.31	482004.23	.00	.50	RA-226	<	1.60	
	FMP-SS-46-092	1379508.31	482004.23	.00	.50	RU-106	<	5.40	
	FMP-SS-46-092	1379508.31	482004.23	.00	.50	TH-232	<	.60	
	FMP-SS-46-092	1379508.31	482004.23	.00	.50	U-238	=	18.40	3.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-093	1379358.36	482008.33	.00	.50	CS-137	<	.60	
	FMP-SS-46-093	1379358.36	482008.33	.00	.50	RA-226	=	.80	.30
	FMP-SS-46-093	1379358.36	482008.33	.00	.50	RU-106	<	9.00	
	FMP-SS-46-093	1379358.36	482008.33	.00	.50	TH-232	=	1.10	.30
	FMP-SS-46-093	1379358.36	482008.33	.00	.50	U-238	=	11.00	3.00
	FMP-SS-46-094	1379308.38	482009.70	.00	.50	CS-137	<	1.00	
	FMP-SS-46-094	1379308.38	482009.70	.00	.50	RA-226	=	1.00	.30
	FMP-SS-46-094	1379308.38	482009.70	.00	.50	RU-106	<	9.00	
	FMP-SS-46-094	1379308.38	482009.70	.00	.50	TH-232	=	1.20	.30
	FMP-SS-46-094	1379308.38	482009.70	.00	.50	U-238	=	28.30	4.30
	FMP-SS-46-095	1379258.40	482011.07	.00	.50	CS-137	<	.10	
	FMP-SS-46-095	1379258.40	482011.07	.00	.50	RA-226	=	.90	.40
	FMP-SS-46-095	1379258.40	482011.07	.00	.50	RU-106	<	10.50	
	FMP-SS-46-095	1379258.40	482011.07	.00	.50	TH-232	=	.70	.60
	FMP-SS-46-095	1379258.40	482011.07	.00	.50	U-238	=	37.80	5.00
	FMP-SS-46-096	1379357.00	481958.35	.00	.50	CS-137	<	.60	
	FMP-SS-46-096	1379357.00	481958.35	.00	.50	RA-226	<	.40	
	FMP-SS-46-096	1379357.00	481958.35	.00	.50	RU-106	<	4.80	
	FMP-SS-46-096	1379357.00	481958.35	.00	.50	TH-232	=	.60	.30
	FMP-SS-46-096	1379357.00	481958.35	.00	.50	U-238	=	7.40	2.20
	FMP-SS-46-097	1379506.94	481954.25	.00	.50	CS-137	<	.10	
	FMP-SS-46-097	1379506.94	481954.25	.00	.50	RA-226	=	1.00	.30
	FMP-SS-46-097	1379506.94	481954.25	.00	.50	RU-106	<	9.60	
	FMP-SS-46-097	1379506.94	481954.25	.00	.50	TH-232	<	1.00	
	FMP-SS-46-097	1379506.94	481954.25	.00	.50	U-238	=	5.50	2.70
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	CS-137	<	.80	
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	RA-226	=	1.00	.50
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	RU-106	<	5.70	
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	TH-232	=	1.50	.30
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	U-238	=	84.60	7.00
	FMP-SS-46-099QC	1379755.48	481897.43	.00	.50	CS-137	<	1.10	
	FMP-SS-46-099QC	1379755.48	481897.43	.00	.50	RA-226	=	1.00	.50
	FMP-SS-46-099QC	1379755.48	481897.43	.00	.50	RU-106	<	10.40	
	FMP-SS-46-099QC	1379755.48	481897.43	.00	.50	TH-232	=	1.20	.70
	FMP-SS-46-099QC	1379755.48	481897.43	.00	.50	U-238	=	163.00	10.00
	FMP-SS-46-100	1378740.80	481374.99	.00	.50	CS-137	<	.80	
	FMP-SS-46-100	1378740.80	481374.99	.00	.50	RA-226	<	2.30	
	FMP-SS-46-100	1378740.80	481374.99	.00	.50	RU-106	<	5.00	
	FMP-SS-46-100	1378740.80	481374.99	.00	.50	TH-232	=	.90	.70
	FMP-SS-46-100	1378740.80	481374.99	.00	.50	U-238	=	46.90	5.00
	FMP-SS-46-101D	1378740.80	481374.99	.00	.50	CS-137	<	.50	
	FMP-SS-46-101D	1378740.80	481374.99	.00	.50	RA-226	<	1.00	
	FMP-SS-46-101D	1378740.80	481374.99	.00	.50	RU-106	<	6.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-101D	1378740.80	481374.99	.00	.50	TH-232	=	.60	.40
	FMP-SS-46-101D	1378740.80	481374.99	.00	.50	U-238	=	59.90	5.70
	FMP-SS-46-101Q	1378740.80	481374.99	.00	.50	CS-137	<	.60	
	FMP-SS-46-101Q	1378740.80	481374.99	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-101Q	1378740.80	481374.99	.00	.50	RU-106	<	4.80	
	FMP-SS-46-101Q	1378740.80	481374.99	.00	.50	TH-232	=	.70	.50
	FMP-SS-46-101Q	1378740.80	481374.99	.00	.50	U-238	=	56.00	5.40
	FMP-SS-46-102	1378790.79	481373.62	.00	.50	CS-137	=	1.00	
	FMP-SS-46-102	1378790.79	481373.62	.00	.50	RA-226	<	.10	
	FMP-SS-46-102	1378790.79	481373.62	.00	.50	RU-106	<	7.40	
	FMP-SS-46-102	1378790.79	481373.62	.00	.50	TH-232	=	1.00	.50
	FMP-SS-46-102	1378790.79	481373.62	.00	.50	U-238	=	30.70	5.50
	FMP-SS-46-103A	1378790.79	481373.62	.00	.50	CS-137	<	.60	
	FMP-SS-46-103A	1378790.79	481373.62	.00	.50	RA-226	<	.50	
	FMP-SS-46-103A	1378790.79	481373.62	.00	.50	RU-106	<	7.20	
	FMP-SS-46-103A	1378790.79	481373.62	.00	.50	TH-232	=	1.20	.50
	FMP-SS-46-103A	1378790.79	481373.62	.00	.50	U-238	=	35.30	5.30
	FMP-SS-46-104	1378739.44	481325.01	.00	.50	CS-137	<	.70	
	FMP-SS-46-104	1378739.44	481325.01	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-104	1378739.44	481325.01	.00	.50	RU-106	<	6.60	
	FMP-SS-46-104	1378739.44	481325.01	.00	.50	TH-232	<	.50	
	FMP-SS-46-104	1378739.44	481325.01	.00	.50	U-238	=	39.90	5.90
	FMP-SS-46-105	1378438.18	481283.24	.00	.50	CS-137	<	.50	
	FMP-SS-46-105	1378438.18	481283.24	.00	.50	RA-226	=	3.50	.70
	FMP-SS-46-105	1378438.18	481283.24	.00	.50	RU-106	<	10.00	
	FMP-SS-46-105	1378438.18	481283.24	.00	.50	TH-232	=	2.40	.60
	FMP-SS-46-105	1378438.18	481283.24	.00	.50	U-238	=	96.20	10.00
	FMP-SS-46-106	1378538.14	481280.50	.00	.50	CS-137	<	1.10	
	FMP-SS-46-106	1378538.14	481280.50	.00	.50	RA-226	=	1.10	.60
	FMP-SS-46-106	1378538.14	481280.50	.00	.50	RU-106	<	8.20	
	FMP-SS-46-106	1378538.14	481280.50	.00	.50	TH-232	=	2.20	1.40
	FMP-SS-46-106	1378538.14	481280.50	.00	.50	U-238	=	96.80	8.00
	FMP-SS-46-107	1378588.12	481279.13	.00	.50	CS-137	<	.90	
	FMP-SS-46-107	1378588.12	481279.13	.00	.50	RA-226	=	1.90	.40
	FMP-SS-46-107	1378588.12	481279.13	.00	.50	RU-106	<	12.40	
	FMP-SS-46-107	1378588.12	481279.13	.00	.50	TH-232	=	2.40	.50
	FMP-SS-46-107	1378588.12	481279.13	.00	.50	U-238	=	21.20	4.10
	FMP-SS-46-108	1378738.07	481275.03	.00	.50	CS-137	<	.50	
	FMP-SS-46-108	1378738.07	481275.03	.00	.50	RA-226	<	2.10	
	FMP-SS-46-108	1378738.07	481275.03	.00	.50	RU-106	<	7.10	
	FMP-SS-46-108	1378738.07	481275.03	.00	.50	TH-232	=	.90	.50
	FMP-SS-46-108	1378738.07	481275.03	.00	.50	U-238	=	33.30	4.40
	FMP-SS-46-109	1378486.79	481231.89	.00	.50	CS-137	<	.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-109	1378486.79	481231.89	.00	.50	RA-226	=	1.90	.40
	FMP-SS-46-109	1378486.79	481231.89	.00	.50	RU-106	<	4.60	
	FMP-SS-46-109	1378486.79	481231.89	.00	.50	TH-232	=	1.80	.50
	FMP-SS-46-109	1378486.79	481231.89	.00	.50	U-238	=	30.60	5.50
	FMP-SS-46-110	1378536.78	481230.52	.00	.50	CS-137	<	.80	
	FMP-SS-46-110	1378536.78	481230.52	.00	.50	RA-226	=	1.00	.30
	FMP-SS-46-110	1378536.78	481230.52	.00	.50	RU-106	<	3.40	
	FMP-SS-46-110	1378536.78	481230.52	.00	.50	TH-232	<	1.50	
	FMP-SS-46-110	1378536.78	481230.52	.00	.50	U-238	=	32.90	4.40
	FMP-SS-46-111	1378636.74	481227.78	.00	.50	CS-137	<	1.00	
	FMP-SS-46-111	1378636.74	481227.78	.00	.50	RA-226	=	.80	.30
	FMP-SS-46-111	1378636.74	481227.78	.00	.50	RU-106	<	4.60	
	FMP-SS-46-111	1378636.74	481227.78	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-111	1378636.74	481227.78	.00	.50	U-238	=	35.50	4.20
	FMP-SS-46-111D	1378636.74	481227.78	.00	.50	CS-137	<	.50	
	FMP-SS-46-111D	1378636.74	481227.78	.00	.50	RA-226	=	.80	.50
	FMP-SS-46-111D	1378636.74	481227.78	.00	.50	RU-106	<	8.70	
	FMP-SS-46-111D	1378636.74	481227.78	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-111D	1378636.74	481227.78	.00	.50	U-238	=	33.10	3.60
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	CS-137	<	1.10	
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	RA-226	=	2.20	.50
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	RU-106	<	7.40	
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	TH-232	<	1.30	
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	U-238	=	53.00	8.00
	FMP-SS-46-113	1378485.43	481181.91	.00	.50	CS-137	<	.40	
	FMP-SS-46-113	1378485.43	481181.91	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-113	1378485.43	481181.91	.00	.50	RU-106	<	10.00	
	FMP-SS-46-113	1378485.43	481181.91	.00	.50	TH-232	=	1.60	.50
	FMP-SS-46-113	1378485.43	481181.91	.00	.50	U-238	=	21.80	4.00
	FMP-SS-46-114	1378585.39	481179.17	.00	.50	CS-137	<	.10	
	FMP-SS-46-114	1378585.39	481179.17	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-114	1378585.39	481179.17	.00	.50	RU-106	<	.50	
	FMP-SS-46-114	1378585.39	481179.17	.00	.50	TH-232	=	1.00	.40
	FMP-SS-46-114	1378585.39	481179.17	.00	.50	U-238	=	7.70	2.40
	FMP-SS-46-115	1378735.33	481175.07	.00	.50	CS-137	=	.90	.30
	FMP-SS-46-115	1378735.33	481175.07	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-115	1378735.33	481175.07	.00	.50	RU-106	<	5.50	
	FMP-SS-46-115	1378735.33	481175.07	.00	.50	TH-232	<	.20	
	FMP-SS-46-115	1378735.33	481175.07	.00	.50	U-238	=	33.60	3.00
	FMP-SS-46-116	1378635.37	481177.80	.00	.50	CS-137	<	.90	
	FMP-SS-46-116	1378635.37	481177.80	.00	.50	RA-226	=	.70	.10
	FMP-SS-46-116	1378635.37	481177.80	.00	.50	RU-106	<	.50	
	FMP-SS-46-116	1378635.37	481177.80	.00	.50	TH-232	=	.70	.50

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-116	1378635.37	481177.80	.00	.50	U-238	=	21.60	3.00
	FMP-SS-46-117	1378234.15	481138.77	.00	.50	CS-137	<	1.10	
	FMP-SS-46-117	1378234.15	481138.77	.00	.50	RA-226	<	.90	
	FMP-SS-46-117	1378234.15	481138.77	.00	.50	RU-106	<	9.00	
	FMP-SS-46-117	1378234.15	481138.77	.00	.50	TH-232	=	.60	.50
	FMP-SS-46-117	1378234.15	481138.77	.00	.50	U-238	=	87.60	8.00
	FMP-SS-46-118	1378334.11	481136.03	.00	.50	CS-137	<	1.10	
	FMP-SS-46-118	1378334.11	481136.03	.00	.50	RA-226	<	.60	
	FMP-SS-46-118	1378334.11	481136.03	.00	.50	RU-106	<	.50	
	FMP-SS-46-118	1378334.11	481136.03	.00	.50	TH-232	=	.80	.60
	FMP-SS-46-118	1378334.11	481136.03	.00	.50	U-238	=	21.20	5.00
	FMP-SS-46-119	1378384.10	481134.66	.00	.50	CS-137	<	.40	
	FMP-SS-46-119	1378384.10	481134.66	.00	.50	RA-226	=	1.30	.40
	FMP-SS-46-119	1378384.10	481134.66	.00	.50	RU-106	<	.50	
	FMP-SS-46-119	1378384.10	481134.66	.00	.50	TH-232	<	3.50	
	FMP-SS-46-119	1378384.10	481134.66	.00	.50	U-238	=	46.60	5.00
	FMP-SS-46-120Q	1378384.10	481134.66	.00	.50	CS-137	<	.70	
	FMP-SS-46-120Q	1378384.10	481134.66	.00	.50	RA-226	=	1.00	.30
	FMP-SS-46-120Q	1378384.10	481134.66	.00	.50	RU-106	<	5.40	
	FMP-SS-46-120Q	1378384.10	481134.66	.00	.50	TH-232	=	1.00	.50
	FMP-SS-46-120Q	1378384.10	481134.66	.00	.50	U-238	=	33.80	5.20
	FMP-SS-46-121	1378436.81	481233.26	.00	.50	CS-137	<	1.00	
	FMP-SS-46-121	1378436.81	481233.26	.00	.50	RA-226	=	3.10	.50
	FMP-SS-46-121	1378436.81	481233.26	.00	.50	RU-106	<	8.00	
	FMP-SS-46-121	1378436.81	481233.26	.00	.50	TH-232	=	1.60	.60
	FMP-SS-46-121	1378436.81	481233.26	.00	.50	U-238	=	33.10	5.10
	FMP-SS-46-121D	1378436.81	481233.26	.00	.50	CS-137	<	1.30	
	FMP-SS-46-121D	1378436.81	481233.26	.00	.50	RA-226	=	3.10	.50
	FMP-SS-46-121D	1378436.81	481233.26	.00	.50	RU-106	<	3.40	
	FMP-SS-46-121D	1378436.81	481233.26	.00	.50	TH-232	=	2.20	.40
	FMP-SS-46-121D	1378436.81	481233.26	.00	.50	U-238	=	32.20	5.20
	FMP-SS-46-122	1379456.96	481955.62	.00	.50	CS-137	<	.90	
	FMP-SS-46-122	1379456.96	481955.62	.00	.50	RA-226	=	.90	.40
	FMP-SS-46-122	1379456.96	481955.62	.00	.50	RU-106	<	9.70	
	FMP-SS-46-122	1379456.96	481955.62	.00	.50	TH-232	=	.70	.50
	FMP-SS-46-122	1379456.96	481955.62	.00	.50	U-238	=	11.50	3.00
	FMP-SS-46-123QC	1379506.94	481954.25	.00	.50	CS-137	=	.50	.10
	FMP-SS-46-123QC	1379506.94	481954.25	.00	.50	RA-226	=	1.00	.30
	FMP-SS-46-123QC	1379506.94	481954.25	.00	.50	RU-106	<	.50	
	FMP-SS-46-123QC	1379506.94	481954.25	.00	.50	TH-232	=	.50	.40
	FMP-SS-46-123QC	1379506.94	481954.25	.00	.50	U-238	=	5.10	2.90
	FMP-SS-46-124	1379712.34	482148.70	.00	.50	CS-137	<	.40	
	FMP-SS-46-124	1379712.34	482148.70	.00	.50	RA-226	=	.80	.30

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-124	1379712.34	482148.70	.00	.50	RU-106	<	9.50	
	FMP-SS-46-124	1379712.34	482148.70	.00	.50	TH-232	=	1.50	.40
	FMP-SS-46-124	1379712.34	482148.70	.00	.50	U-238	=	28.00	5.00
	FMP-SS-46-125	1379762.32	482147.33	.00	.50	CS-137	<	.80	
	FMP-SS-46-125	1379762.32	482147.33	.00	.50	RA-226	=	.60	.30
	FMP-SS-46-125	1379762.32	482147.33	.00	.50	RU-106	<	9.80	
	FMP-SS-46-125	1379762.32	482147.33	.00	.50	TH-232	=	1.80	.90
	FMP-SS-46-125	1379762.32	482147.33	.00	.50	U-238	=	10.20	3.40
	FMP-SS-46-126	1379305.65	481909.74	.00	.50	CS-137	<	.60	
	FMP-SS-46-126	1379305.65	481909.74	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-126	1379305.65	481909.74	.00	.50	RU-106	<	4.50	
	FMP-SS-46-126	1379305.65	481909.74	.00	.50	TH-232	=	.80	.30
	FMP-SS-46-126	1379305.65	481909.74	.00	.50	U-238	=	20.40	3.60
	FMP-SS-46-127	1379051.64	481766.64	.00	.50	CS-137	<	.40	
	FMP-SS-46-127	1379051.64	481766.64	.00	.50	RA-226	=	1.20	.40
	FMP-SS-46-127	1379051.64	481766.64	.00	.50	RU-106	<	7.70	
	FMP-SS-46-127	1379051.64	481766.64	.00	.50	TH-232	=	2.00	.50
	FMP-SS-46-127	1379051.64	481766.64	.00	.50	U-238	=	61.70	6.00
	FMP-SS-46-128	1379050.27	481716.65	.00	.50	CS-137	<	.50	
	FMP-SS-46-128	1379050.27	481716.65	.00	.50	RA-226	=	.90	.50
	FMP-SS-46-128	1379050.27	481716.65	.00	.50	RU-106	<	.70	
	FMP-SS-46-128	1379050.27	481716.65	.00	.50	TH-232	=	4.10	1.20
	FMP-SS-46-128	1379050.27	481716.65	.00	.50	U-238	=	94.20	8.00
	FMP-SS-46-129	1378589.49	481329.12	.00	.50	CS-137	<	.60	
	FMP-SS-46-129	1378589.49	481329.12	.00	.50	RA-226	=	1.60	3.00
	FMP-SS-46-129	1378589.49	481329.12	.00	.50	RU-106	<	5.00	
	FMP-SS-46-129	1378589.49	481329.12	.00	.50	TH-232	=	2.00	.90
	FMP-SS-46-129	1378589.49	481329.12	.00	.50	U-238	=	21.10	5.20
	FMP-SS-46-130	1378844.87	481522.20	.00	.50	CS-137	<	.30	
	FMP-SS-46-130	1378844.87	481522.20	.00	.50	RA-226	<	1.10	
	FMP-SS-46-130	1378844.87	481522.20	.00	.50	RU-106	<	2.80	
	FMP-SS-46-130	1378844.87	481522.20	.00	.50	TH-232	<	.90	
	FMP-SS-46-130	1378844.87	481522.20	.00	.50	U-238	=	43.30	6.00
	FMP-SS-46-131Q	1378844.87	481522.20	.00	.50	CS-137	<	.30	
	FMP-SS-46-131Q	1378844.87	481522.20	.00	.50	RA-226	<	.50	
	FMP-SS-46-131Q	1378844.87	481522.20	.00	.50	RU-106	<	3.90	
	FMP-SS-46-131Q	1378844.87	481522.20	.00	.50	TH-232	<	1.90	
	FMP-SS-46-131Q	1378844.87	481522.20	.00	.50	U-238	=	46.50	4.70
	FMP-SS-46-132	1378894.85	481520.83	.00	.50	CS-137	<	.40	
	FMP-SS-46-132	1378894.85	481520.83	.00	.50	RA-226	<	.50	
	FMP-SS-46-132	1378894.85	481520.83	.00	.50	RU-106	<	.40	
	FMP-SS-46-132	1378894.85	481520.83	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-132	1378894.85	481520.83	.00	.50	U-238	=	75.00	6.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-133	1378944.83	481519.46	.00	.50	CS-137	<	.70	
	FMP-SS-46-133	1378944.83	481519.46	.00	.50	RA-226	<	.60	
	FMP-SS-46-133	1378944.83	481519.46	.00	.50	RU-106	<	6.70	
	FMP-SS-46-133	1378944.83	481519.46	.00	.50	TH-232	=	.90	.60
	FMP-SS-46-133	1378944.83	481519.46	.00	.50	U-238	=	147.00	9.00
	FMP-SS-46-134	1378994.81	481518.10	.00	.50	CS-137	<	.60	
	FMP-SS-46-134	1378994.81	481518.10	.00	.50	RA-226	<	.80	
	FMP-SS-46-134	1378994.81	481518.10	.00	.50	RU-106	<	1.50	
	FMP-SS-46-134	1378994.81	481518.10	.00	.50	TH-232	=	.80	.50
	FMP-SS-46-134	1378994.81	481518.10	.00	.50	U-238	=	35.40	4.40
	FMP-SS-46-134D	1378994.81	481518.10	.00	.50	CS-137	<	.80	
	FMP-SS-46-134D	1378994.81	481518.10	.00	.50	RA-226	<	.70	
	FMP-SS-46-134D	1378994.81	481518.10	.00	.50	RU-106	<	4.00	
	FMP-SS-46-134D	1378994.81	481518.10	.00	.50	TH-232	=	1.30	.40
	FMP-SS-46-134D	1378994.81	481518.10	.00	.50	U-238	=	38.20	6.10
	FMP-SS-46-135	1379196.11	481562.61	.00	.50	CS-137	<	.60	
	FMP-SS-46-135	1379196.11	481562.61	.00	.50	RA-226	=	.60	.20
	FMP-SS-46-135	1379196.11	481562.61	.00	.50	RU-106	<	3.70	
	FMP-SS-46-135	1379196.11	481562.61	.00	.50	TH-232	<	.50	
	FMP-SS-46-135	1379196.11	481562.61	.00	.50	U-238	<	3.00	
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	CS-137	<	.60	
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	RA-226	=	2.10	.80
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	RU-106	<	2.70	
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	TH-232	<	.80	
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	U-238	=	43.20	7.30
	FMP-SS-46-137	1379804.09	481846.08	.00	.50	CS-137	<	.20	
	FMP-SS-46-137	1379804.09	481846.08	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-137	1379804.09	481846.08	.00	.50	RU-106	<	3.80	
	FMP-SS-46-137	1379804.09	481846.08	.00	.50	TH-232	=	1.40	.30
	FMP-SS-46-137	1379804.09	481846.08	.00	.50	U-238	<	3.00	
	FMP-SS-46-138	1379754.11	481847.45	.00	.50	CS-137	<	.50	
	FMP-SS-46-138	1379754.11	481847.45	.00	.50	RA-226	<	.70	
	FMP-SS-46-138	1379754.11	481847.45	.00	.50	RU-106	<	2.40	
	FMP-SS-46-138	1379754.11	481847.45	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-138	1379754.11	481847.45	.00	.50	U-238	=	10.30	3.20
	FMP-SS-46-139	1379654.15	481850.18	.00	.50	CS-137	<	.50	
	FMP-SS-46-139	1379654.15	481850.18	.00	.50	RA-226	=	1.10	.40
	FMP-SS-46-139	1379654.15	481850.18	.00	.50	RU-106	<	.50	
	FMP-SS-46-139	1379654.15	481850.18	.00	.50	TH-232	=	1.00	.40
	FMP-SS-46-139	1379654.15	481850.18	.00	.50	U-238	=	23.80	3.90
	FMP-SS-46-140	1379602.80	481801.57	.00	.50	CS-137	<	.30	
	FMP-SS-46-140	1379602.80	481801.57	.00	.50	RA-226	<	.50	
	FMP-SS-46-140	1379602.80	481801.57	.00	.50	RU-106	<	2.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-140	1379602.80	481801.57	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-140	1379602.80	481801.57	.00	.50	U-238	=	7.10	2.50
	FMP-SS-46-141	1379652.78	481800.20	.00	.50	CS-137	=	.40	.20
	FMP-SS-46-141	1379652.78	481800.20	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-141	1379652.78	481800.20	.00	.50	RU-106	<	2.60	
	FMP-SS-46-141	1379652.78	481800.20	.00	.50	TH-232	<	2.30	
	FMP-SS-46-141	1379652.78	481800.20	.00	.50	U-238	=	6.60	3.00
	FMP-SS-46-142	1379702.76	481798.83	.00	.50	CS-137	=	.70	.20
	FMP-SS-46-142	1379702.76	481798.83	.00	.50	RA-226	<	1.10	
	FMP-SS-46-142	1379702.76	481798.83	.00	.50	RU-106	<	2.70	
	FMP-SS-46-142	1379702.76	481798.83	.00	.50	TH-232	=	.80	.40
	FMP-SS-46-142	1379702.76	481798.83	.00	.50	U-238	=	4.00	2.40
	FMP-SS-46-143	1379752.74	481797.47	.00	.50	CS-137	<	.30	
	FMP-SS-46-143	1379752.74	481797.47	.00	.50	RA-226	=	.70	.50
	FMP-SS-46-143	1379752.74	481797.47	.00	.50	RU-106	<	4.20	
	FMP-SS-46-143	1379752.74	481797.47	.00	.50	TH-232	<	.60	
	FMP-SS-46-143	1379752.74	481797.47	.00	.50	U-238	=	5.50	2.40
	FMP-SS-46-144D	1379752.74	481797.47	.00	.50	CS-137	<	.50	
	FMP-SS-46-144D	1379752.74	481797.47	.00	.50	RA-226	=	1.00	.60
	FMP-SS-46-144D	1379752.74	481797.47	.00	.50	RU-106	<	.50	
	FMP-SS-46-144D	1379752.74	481797.47	.00	.50	TH-232	=	1.10	.40
	FMP-SS-46-144D	1379752.74	481797.47	.00	.50	U-238	=	4.70	2.70
	FMP-SS-46-144Q	1379752.74	481797.47	.00	.50	CS-137	<	.10	
	FMP-SS-46-144Q	1379752.74	481797.47	.00	.50	RA-226	<	2.50	
	FMP-SS-46-144Q	1379752.74	481797.47	.00	.50	RU-106	<	.50	
	FMP-SS-46-144Q	1379752.74	481797.47	.00	.50	TH-232	=	.70	.30
	FMP-SS-46-144Q	1379752.74	481797.47	.00	.50	U-238	=	5.40	2.20
	FMP-SS-46-145	1379701.39	481748.85	.00	.50	CS-137	<	1.00	
	FMP-SS-46-145	1379701.39	481748.85	.00	.50	RA-226	=	.80	.40
	FMP-SS-46-145	1379701.39	481748.85	.00	.50	RU-106	<	2.50	
	FMP-SS-46-145	1379701.39	481748.85	.00	.50	TH-232	<	.40	
	FMP-SS-46-145	1379701.39	481748.85	.00	.50	U-238	=	6.80	2.40
	FMP-SS-46-146	1379751.37	481747.48	.00	.50	CS-137	<	1.00	
	FMP-SS-46-146	1379751.37	481747.48	.00	.50	RA-226	=	.80	.30
	FMP-SS-46-146	1379751.37	481747.48	.00	.50	RU-106	<	11.40	
	FMP-SS-46-146	1379751.37	481747.48	.00	.50	TH-232	=	.60	.20
	FMP-SS-46-146	1379751.37	481747.48	.00	.50	U-238	<	4.80	
	FMP-SS-46-147	1379801.36	481746.12	.00	.50	CS-137	<	.50	
	FMP-SS-46-147	1379801.36	481746.12	.00	.50	RA-226	<	.60	
	FMP-SS-46-147	1379801.36	481746.12	.00	.50	RU-106	<	.40	
	FMP-SS-46-147	1379801.36	481746.12	.00	.50	TH-232	=	.70	.40
	FMP-SS-46-147	1379801.36	481746.12	.00	.50	U-238	<	12.80	
	FMP-SS-46-148	1379650.04	481700.24	.00	.50	CS-137	=	.30	.20

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-148	1379650.04	481700.24	.00	.50	RA-226	<	.60	
	FMP-SS-46-148	1379650.04	481700.24	.00	.50	RU-106	<	.50	
	FMP-SS-46-148	1379650.04	481700.24	.00	.50	TH-232	=	.80	.30
	FMP-SS-46-148	1379650.04	481700.24	.00	.50	U-238	=	6.90	3.00
	FMP-SS-46-149	1379700.02	481698.87	.00	.50	CS-137	=	.40	.20
	FMP-SS-46-149	1379700.02	481698.87	.00	.50	RA-226	=	.90	.30
	FMP-SS-46-149	1379700.02	481698.87	.00	.50	RU-106	<	3.70	
	FMP-SS-46-149	1379700.02	481698.87	.00	.50	TH-232	=	.80	.30
	FMP-SS-46-149	1379700.02	481698.87	.00	.50	U-238	<	13.60	
	FMP-SS-46-150Q	1379700.02	481698.87	.00	.50	CS-137	<	.80	
	FMP-SS-46-150Q	1379700.02	481698.87	.00	.50	RA-226	<	.50	
	FMP-SS-46-150Q	1379700.02	481698.87	.00	.50	RU-106	<	10.40	
	FMP-SS-46-150Q	1379700.02	481698.87	.00	.50	TH-232	=	1.00	.40
	FMP-SS-46-150Q	1379700.02	481698.87	.00	.50	U-238	=	5.10	2.40
	FMP-SS-46-151	1379799.99	481696.13	.00	.50	CS-137	<	.10	
	FMP-SS-46-151	1379799.99	481696.13	.00	.50	RA-226	<	.40	
	FMP-SS-46-151	1379799.99	481696.13	.00	.50	RU-106	<	9.00	
	FMP-SS-46-151	1379799.99	481696.13	.00	.50	TH-232	=	.50	.30
	FMP-SS-46-151	1379799.99	481696.13	.00	.50	U-238	=	4.40	1.80
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	CS-137	<	1.20	
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	RA-226	=	4.40	.70
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	RU-106	<	11.00	
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	TH-232	<	1.20	
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	U-238	<	14.30	
	FMP-SS-46-155	1379487.79	481254.51	.00	.50	CS-137	=	.40	.20
	FMP-SS-46-155	1379487.79	481254.51	.00	.50	RA-226	=	.70	.20
	FMP-SS-46-155	1379487.79	481254.51	.00	.50	RU-106	<	7.20	
	FMP-SS-46-155	1379487.79	481254.51	.00	.50	TH-232	=	.80	.30
	FMP-SS-46-155	1379487.79	481254.51	.00	.50	U-238	<	4.80	
	FMP-SS-46-156	1379476.84	480854.66	.00	.50	CS-137	<	.60	
	FMP-SS-46-156	1379476.84	480854.66	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-156	1379476.84	480854.66	.00	.50	RU-106	<	.50	
	FMP-SS-46-156	1379476.84	480854.66	.00	.50	TH-232	<	.70	
	FMP-SS-46-156	1379476.84	480854.66	.00	.50	U-238	=	6.30	2.60
	FMP-SS-46-156D	1379476.84	480854.66	.00	.50	CS-137	=	.40	.20
	FMP-SS-46-156D	1379476.84	480854.66	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-156D	1379476.84	480854.66	.00	.50	RU-106	<	.50	
	FMP-SS-46-156D	1379476.84	480854.66	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-156D	1379476.84	480854.66	.00	.50	U-238	=	5.40	3.20
	FMP-SS-46-157	1379714.44	480397.99	.00	.50	CS-137	<	1.10	
	FMP-SS-46-157	1379714.44	480397.99	.00	.50	RA-226	=	.90	.50
	FMP-SS-46-157	1379714.44	480397.99	.00	.50	RU-106	<	7.20	
	FMP-SS-46-157	1379714.44	480397.99	.00	.50	TH-232	=	1.60	.20

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-157	1379714.44	480397.99	.00	.50	U-238	=	8.30	2.40
	FMP-SS-46-158	1379764.42	480396.62	.00	.50	CS-137	<	.10	
	FMP-SS-46-158	1379764.42	480396.62	.00	.50	RA-226	=	1.00	.30
	FMP-SS-46-158	1379764.42	480396.62	.00	.50	RU-106	<	.50	
	FMP-SS-46-158	1379764.42	480396.62	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-158	1379764.42	480396.62	.00	.50	U-238	<	4.80	
	FMP-SS-46-159Q	1379764.42	480396.62	.00	.50	CS-137	<	.60	
	FMP-SS-46-159Q	1379764.42	480396.62	.00	.50	RA-226	=	1.10	.30
	FMP-SS-46-159Q	1379764.42	480396.62	.00	.50	RU-106	<	.50	
	FMP-SS-46-159Q	1379764.42	480396.62	.00	.50	TH-232	=	1.00	.50
	FMP-SS-46-159Q	1379764.42	480396.62	.00	.50	U-238	=	10.50	3.50
	FMP-SS-46-160	1379713.07	480348.01	.00	.50	CS-137	<	.60	
	FMP-SS-46-160	1379713.07	480348.01	.00	.50	RA-226	<	.40	
	FMP-SS-46-160	1379713.07	480348.01	.00	.50	RU-106	<	7.30	
	FMP-SS-46-160	1379713.07	480348.01	.00	.50	TH-232	<	.70	
	FMP-SS-46-160	1379713.07	480348.01	.00	.50	U-238	=	7.20	3.30
	FMP-SS-46-161	1379763.05	480346.64	.00	.50	CS-137	<	1.40	
	FMP-SS-46-161	1379763.05	480346.64	.00	.50	RA-226	=	.70	.50
	FMP-SS-46-161	1379763.05	480346.64	.00	.50	RU-106	<	.50	
	FMP-SS-46-161	1379763.05	480346.64	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-161	1379763.05	480346.64	.00	.50	U-238	=	7.50	3.50
	FMP-SS-46-162	1379711.70	480298.03	.00	.50	CS-137	<	.80	
	FMP-SS-46-162	1379711.70	480298.03	.00	.50	RA-226	=	.50	.30
	FMP-SS-46-162	1379711.70	480298.03	.00	.50	RU-106	<	.50	
	FMP-SS-46-162	1379711.70	480298.03	.00	.50	TH-232	=	.90	.30
	FMP-SS-46-162	1379711.70	480298.03	.00	.50	U-238	<	6.10	
	FMP-SS-46-163	1379761.68	480296.66	.00	.50	CS-137	<	.30	
	FMP-SS-46-163	1379761.68	480296.66	.00	.50	RA-226	<	.60	
	FMP-SS-46-163	1379761.68	480296.66	.00	.50	RU-106	<	7.50	
	FMP-SS-46-163	1379761.68	480296.66	.00	.50	TH-232	<	.50	
	FMP-SS-46-163	1379761.68	480296.66	.00	.50	U-238	=	5.50	3.70
	FMP-SS-46-164	1379760.32	480246.68	.00	.50	CS-137	=	.60	.20
	FMP-SS-46-164	1379760.32	480246.68	.00	.50	RA-226	=	.50	.30
	FMP-SS-46-164	1379760.32	480246.68	.00	.50	RU-106	<	9.90	
	FMP-SS-46-164	1379760.32	480246.68	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-164	1379760.32	480246.68	.00	.50	U-238	=	14.50	3.30
	FMP-SS-46-165	1379559.02	480202.17	.00	.50	CS-137	=	.30	.20
	FMP-SS-46-165	1379559.02	480202.17	.00	.50	RA-226	=	1.30	.30
	FMP-SS-46-165	1379559.02	480202.17	.00	.50	RU-106	<	4.20	
	FMP-SS-46-165	1379559.02	480202.17	.00	.50	TH-232	=	.70	.30
	FMP-SS-46-165	1379559.02	480202.17	.00	.50	U-238	<	7.00	
	FMP-SS-46-166	1379658.99	480199.43	.00	.50	CS-137	<	.30	
	FMP-SS-46-166	1379658.99	480199.43	.00	.50	RA-226	<	.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-166	1379658.99	480199.43	.00	.50	RU-106	<	3.30	
	FMP-SS-46-166	1379658.99	480199.43	.00	.50	TH-232	=	2.50	1.00
	FMP-SS-46-166	1379658.99	480199.43	.00	.50	U-238	=	7.70	4.20
	FMP-SS-46-166D	1379658.99	480199.43	.00	.50	CS-137	<	.50	
	FMP-SS-46-166D	1379658.99	480199.43	.00	.50	RA-226	=	1.10	.40
	FMP-SS-46-166D	1379658.99	480199.43	.00	.50	RU-106	<	6.40	
	FMP-SS-46-166D	1379658.99	480199.43	.00	.50	TH-232	=	2.10	1.30
	FMP-SS-46-166D	1379658.99	480199.43	.00	.50	U-238	=	5.80	3.00
	FMP-SS-46-167Q	1379658.99	480199.43	.00	.50	CS-137	<	.90	
	FMP-SS-46-167Q	1379658.99	480199.43	.00	.50	RA-226	<	2.00	
	FMP-SS-46-167Q	1379658.99	480199.43	.00	.50	RU-106	<	5.10	
	FMP-SS-46-167Q	1379658.99	480199.43	.00	.50	TH-232	=	1.70	.60
	FMP-SS-46-167Q	1379658.99	480199.43	.00	.50	U-238	<	5.00	
	FMP-SS-46-168	1379607.64	480150.82	.00	.50	CS-137	<	.90	
	FMP-SS-46-168	1379607.64	480150.82	.00	.50	RA-226	=	.60	.40
	FMP-SS-46-168	1379607.64	480150.82	.00	.50	RU-106	<	8.10	
	FMP-SS-46-168	1379607.64	480150.82	.00	.50	TH-232	=	1.80	.40
	FMP-SS-46-168	1379607.64	480150.82	.00	.50	U-238	=	5.70	3.00
	FMP-SS-46-169	1379707.60	480148.08	.00	.50	CS-137	<	.10	
	FMP-SS-46-169	1379707.60	480148.08	.00	.50	RA-226	=	.70	.20
	FMP-SS-46-169	1379707.60	480148.08	.00	.50	RU-106	<	4.90	
	FMP-SS-46-169	1379707.60	480148.08	.00	.50	TH-232	=	1.40	.40
	FMP-SS-46-169	1379707.60	480148.08	.00	.50	U-238	=	7.00	3.20
	FMP-SS-46-170	1379757.58	480146.71	.00	.50	CS-137	<	.30	
	FMP-SS-46-170	1379757.58	480146.71	.00	.50	RA-226	=	.40	.20
	FMP-SS-46-170	1379757.58	480146.71	.00	.50	RU-106	<	3.00	
	FMP-SS-46-170	1379757.58	480146.71	.00	.50	TH-232	=	1.10	.30
	FMP-SS-46-170	1379757.58	480146.71	.00	.50	U-238	=	8.90	2.90
	FMP-SS-46-171	1379556.29	480102.21	.00	.50	CS-137	<	.90	
	FMP-SS-46-171	1379556.29	480102.21	.00	.50	RA-226	<	.80	
	FMP-SS-46-171	1379556.29	480102.21	.00	.50	RU-106	<	2.60	
	FMP-SS-46-171	1379556.29	480102.21	.00	.50	TH-232	=	2.10	.40
	FMP-SS-46-171	1379556.29	480102.21	.00	.50	U-238	<	3.00	
	FMP-SS-46-172	1379656.25	480099.47	.00	.50	CS-137	<	.50	
	FMP-SS-46-172	1379656.25	480099.47	.00	.50	RA-226	=	1.00	.30
	FMP-SS-46-172	1379656.25	480099.47	.00	.50	RU-106	<	5.90	
	FMP-SS-46-172	1379656.25	480099.47	.00	.50	TH-232	=	1.90	.50
	FMP-SS-46-172	1379656.25	480099.47	.00	.50	U-238	=	7.10	3.00
	FMP-SS-46-173	1379706.23	480098.10	.00	.50	CS-137	<	.50	
	FMP-SS-46-173	1379706.23	480098.10	.00	.50	RA-226	=	.90	.20
	FMP-SS-46-173	1379706.23	480098.10	.00	.50	RU-106	<	4.60	
	FMP-SS-46-173	1379706.23	480098.10	.00	.50	TH-232	=	1.10	.20
	FMP-SS-46-173	1379706.23	480098.10	.00	.50	U-238	=	3.70	2.70

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-174	1379554.92	480052.22	.00	.50	CS-137	<	.50	
	FMP-SS-46-174	1379554.92	480052.22	.00	.50	RA-226	<	.70	
	FMP-SS-46-174	1379554.92	480052.22	.00	.50	RU-106	<	6.40	
	FMP-SS-46-174	1379554.92	480052.22	.00	.50	TH-232	=	2.00	.40
	FMP-SS-46-174	1379554.92	480052.22	.00	.50	U-238	<	3.00	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	CS-137	<	1.30	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	RA-226	=	28.40	2.20
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	RU-106	<	6.10	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	TH-232	<	3.00	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	U-238	<	26.70	
	FMP-SS-46-176	1379490.52	481354.47	.00	.50	CS-137	<	.80	
	FMP-SS-46-176	1379490.52	481354.47	.00	.50	RA-226	=	.50	.30
	FMP-SS-46-176	1379490.52	481354.47	.00	.50	RU-106	<	.50	
	FMP-SS-46-176	1379490.52	481354.47	.00	.50	TH-232	<	2.60	
	FMP-SS-46-176	1379490.52	481354.47	.00	.50	U-238	<	5.40	
	FMP-SS-46-176D	1379490.52	481354.47	.00	.50	CS-137	<	.60	
	FMP-SS-46-176D	1379490.52	481354.47	.00	.50	RA-226	=	.80	.30
	FMP-SS-46-176D	1379490.52	481354.47	.00	.50	RU-106	<	.50	
	FMP-SS-46-176D	1379490.52	481354.47	.00	.50	TH-232	<	4.30	
	FMP-SS-46-176D	1379490.52	481354.47	.00	.50	U-238	=	5.30	2.40
	FMP-SS-46-177	1378434.08	481133.29	.00	.50	CS-137	<	.80	
	FMP-SS-46-177	1378434.08	481133.29	.00	.50	RA-226	<	.50	
	FMP-SS-46-177	1378434.08	481133.29	.00	.50	RU-106	<	3.20	
	FMP-SS-46-177	1378434.08	481133.29	.00	.50	TH-232	<	1.40	
	FMP-SS-46-177	1378434.08	481133.29	.00	.50	U-238	=	15.20	3.00
	FMP-SS-46-178Q	1378434.08	481133.29	.00	.50	CS-137	<	.30	
	FMP-SS-46-178Q	1378434.08	481133.29	.00	.50	RA-226	<	.50	
	FMP-SS-46-178Q	1378434.08	481133.29	.00	.50	RU-106	<	.50	
	FMP-SS-46-178Q	1378434.08	481133.29	.00	.50	TH-232	=	.80	.30
	FMP-SS-46-178Q	1378434.08	481133.29	.00	.50	U-238	=	13.90	3.80
	FMP-SS-46-179	1378484.06	481131.93	.00	.50	CS-137	<	.60	
	FMP-SS-46-179	1378484.06	481131.93	.00	.50	RA-226	<	.50	
	FMP-SS-46-179	1378484.06	481131.93	.00	.50	RU-106	<	9.10	
	FMP-SS-46-179	1378484.06	481131.93	.00	.50	TH-232	<	.50	
	FMP-SS-46-179	1378484.06	481131.93	.00	.50	U-238	=	7.30	2.30
	FMP-SS-46-180	1378534.04	481130.56	.00	.50	CS-137	<	.50	
	FMP-SS-46-180	1378534.04	481130.56	.00	.50	RA-226	=	.90	.50
	FMP-SS-46-180	1378534.04	481130.56	.00	.50	RU-106	<	.60	
	FMP-SS-46-180	1378534.04	481130.56	.00	.50	TH-232	=	3.30	1.60
	FMP-SS-46-180	1378534.04	481130.56	.00	.50	U-238	=	35.40	4.50
	FMP-SS-46-181	1378584.02	481129.19	.00	.50	CS-137	<	.50	
	FMP-SS-46-181	1378584.02	481129.19	.00	.50	RA-226	=	1.60	.40
	FMP-SS-46-181	1378584.02	481129.19	.00	.50	RU-106	<	5.10	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-181	1378584.02	481129.19	.00	.50	TH-232	=	1.80	.50
	FMP-SS-46-181	1378584.02	481129.19	.00	.50	U-238	=	22.20	4.50
	FMP-SS-46-182	1378634.00	481127.82	.00	.50	CS-137	<	.50	
	FMP-SS-46-182	1378634.00	481127.82	.00	.50	RA-226	<	1.80	
	FMP-SS-46-182	1378634.00	481127.82	.00	.50	RU-106	<	.50	
	FMP-SS-46-182	1378634.00	481127.82	.00	.50	TH-232	<	4.40	
	FMP-SS-46-182	1378634.00	481127.82	.00	.50	U-238	=	5.20	2.10
	FMP-SS-46-183	1378683.98	481126.45	.00	.50	CS-137	<	.70	
	FMP-SS-46-183	1378683.98	481126.45	.00	.50	RA-226	<	1.20	
	FMP-SS-46-183	1378683.98	481126.45	.00	.50	RU-106	<	9.80	
	FMP-SS-46-183	1378683.98	481126.45	.00	.50	TH-232	=	1.00	.40
	FMP-SS-46-183	1378683.98	481126.45	.00	.50	U-238	=	6.30	2.20
	FMP-SS-46-184	1378733.96	481125.09	.00	.50	CS-137	<	.70	
	FMP-SS-46-184	1378733.96	481125.09	.00	.50	RA-226	=	.70	.40
	FMP-SS-46-184	1378733.96	481125.09	.00	.50	RU-106	<	4.40	
	FMP-SS-46-184	1378733.96	481125.09	.00	.50	TH-232	=	.70	.30
	FMP-SS-46-184	1378733.96	481125.09	.00	.50	U-238	<	2.20	
	FMP-SS-46-185Q	1378733.96	481125.09	.00	.50	CS-137	<	.60	
	FMP-SS-46-185Q	1378733.96	481125.09	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-185Q	1378733.96	481125.09	.00	.50	RU-106	<	4.40	
	FMP-SS-46-185Q	1378733.96	481125.09	.00	.50	TH-232	=	.60	.40
	FMP-SS-46-185Q	1378733.96	481125.09	.00	.50	U-238	<	2.40	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	CS-137	<	.70	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	RA-226	<	1.70	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	RU-106	<	3.40	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	TH-232	<	2.50	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	U-238	=	100.00	7.00
	FMP-SS-46-186D	1379729.49	480947.78	.00	.50	CS-137	<	.50	
	FMP-SS-46-186D	1379729.49	480947.78	.00	.50	RA-226	=	.90	.50
	FMP-SS-46-186D	1379729.49	480947.78	.00	.50	RU-106	<	9.80	
	FMP-SS-46-186D	1379729.49	480947.78	.00	.50	TH-232	=	.90	.50
	FMP-SS-46-186D	1379729.49	480947.78	.00	.50	U-238	=	101.00	8.00
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	CS-137	<	.30	
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	RA-226	<	.70	
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	RU-106	<	6.90	
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	TH-232	<	1.20	
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	U-238	=	30.60	4.30
	FMP-SS-46-188	1379774.00	480746.49	.00	.50	CS-137	<	.10	
	FMP-SS-46-188	1379774.00	480746.49	.00	.50	RA-226	<	1.30	
	FMP-SS-46-188	1379774.00	480746.49	.00	.50	RU-106	<	7.70	
	FMP-SS-46-188	1379774.00	480746.49	.00	.50	TH-232	<	.20	
	FMP-SS-46-188	1379774.00	480746.49	.00	.50	U-238	<	3.00	
	FMP-SS-46-189	1379715.81	480447.97	.00	.50	CS-137	<	1.10	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-189	1379715.81	480447.97	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-189	1379715.81	480447.97	.00	.50	RU-106	<	.60	
	FMP-SS-46-189	1379715.81	480447.97	.00	.50	TH-232	=	.90	.40
	FMP-SS-46-189	1379715.81	480447.97	.00	.50	U-238	=	5.80	2.00
	FMP-SS-46-190	1379142.00	481596.10	.00	.16	CS-137	<	.10	
	FMP-SS-46-190	1379142.00	481596.10	.00	.16	RA-226	<	.80	
	FMP-SS-46-190	1379142.00	481596.10	.00	.16	RU-106	<	.50	
	FMP-SS-46-190	1379142.00	481596.10	.00	.16	TH-232	<	.50	
	FMP-SS-46-190	1379142.00	481596.10	.00	.16	U-238	=	15.30	2.70
	FMP-SS-46-191	1379220.04	481559.95	.00	.16	CS-137	<	.50	
	FMP-SS-46-191	1379220.04	481559.95	.00	.16	RA-226	=	.60	.40
	FMP-SS-46-191	1379220.04	481559.95	.00	.16	RU-106	<	2.80	
	FMP-SS-46-191	1379220.04	481559.95	.00	.16	TH-232	=	.90	.20
	FMP-SS-46-191	1379220.04	481559.95	.00	.16	U-238	=	5.10	2.50
	FMP-SS-46-192	1379280.87	481516.27	.00	.16	CS-137	<	.50	
	FMP-SS-46-192	1379280.87	481516.27	.00	.16	RA-226	=	1.00	.20
	FMP-SS-46-192	1379280.87	481516.27	.00	.16	RU-106	<	2.70	
	FMP-SS-46-192	1379280.87	481516.27	.00	.16	TH-232	=	1.10	.30
	FMP-SS-46-192	1379280.87	481516.27	.00	.16	U-238	<	6.70	
	FMP-SS-46-193	1379280.87	481516.27	.00	.50	CS-137	<	.20	
	FMP-SS-46-193	1379280.87	481516.27	.00	.50	RA-226	=	.70	.30
	FMP-SS-46-193	1379280.87	481516.27	.00	.50	RU-106	<	.50	
	FMP-SS-46-193	1379280.87	481516.27	.00	.50	TH-232	=	1.00	.30
	FMP-SS-46-193	1379280.87	481516.27	.00	.50	U-238	<	7.00	
	FMP-SS-46-194	1378431.34	481033.33	.00	.16	CS-137	<	.60	
	FMP-SS-46-194	1378431.34	481033.33	.00	.16	RA-226	=	.70	.30
	FMP-SS-46-194	1378431.34	481033.33	.00	.16	RU-106	<	.60	
	FMP-SS-46-194	1378431.34	481033.33	.00	.16	TH-232	<	.30	
	FMP-SS-46-194	1378431.34	481033.33	.00	.16	U-238	=	30.10	4.20
	FMP-SS-46-195Q	1378431.34	481033.33	.00	.16	CS-137	<	.60	
	FMP-SS-46-195Q	1378431.34	481033.33	.00	.16	RA-226	=	.70	.30
	FMP-SS-46-195Q	1378431.34	481033.33	.00	.16	RU-106	<	.60	
	FMP-SS-46-195Q	1378431.34	481033.33	.00	.16	TH-232	<	.30	
	FMP-SS-46-195Q	1378431.34	481033.33	.00	.16	U-238	=	26.90	5.50
	FMP-SS-46-196	1378531.30	481030.60	.00	.16	CS-137	<	.30	
	FMP-SS-46-196	1378531.30	481030.60	.00	.16	RA-226	=	1.70	.40
	FMP-SS-46-196	1378531.30	481030.60	.00	.16	RU-106	<	3.60	
	FMP-SS-46-196	1378531.30	481030.60	.00	.16	TH-232	<	.30	
	FMP-SS-46-196	1378531.30	481030.60	.00	.16	U-238	=	8.70	3.50
	FMP-SS-46-196D	1378531.30	481030.60	.00	.16	CS-137	<	.70	
	FMP-SS-46-196D	1378531.30	481030.60	.00	.16	RA-226	=	1.70	.40
	FMP-SS-46-196D	1378531.30	481030.60	.00	.16	RU-106	<	4.90	
	FMP-SS-46-196D	1378531.30	481030.60	.00	.16	TH-232	=	.70	.30

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-196D	1378531.30	481030.60	.00	.16	U-238	=	10.60	3.50
	FMP-SS-46-197	1378631.27	481027.86	.00	.16	CS-137	<	.10	
	FMP-SS-46-197	1378631.27	481027.86	.00	.16	RA-226	=	.70	.30
	FMP-SS-46-197	1378631.27	481027.86	.00	.16	RU-106	<	4.30	
	FMP-SS-46-197	1378631.27	481027.86	.00	.16	TH-232	<	1.20	
	FMP-SS-46-197	1378631.27	481027.86	.00	.16	U-238	=	4.10	2.00
	FMP-SS-46-198	1378731.23	481025.12	.00	.16	CS-137	<	.30	
	FMP-SS-46-198	1378731.23	481025.12	.00	.16	RA-226	=	1.00	.30
	FMP-SS-46-198	1378731.23	481025.12	.00	.16	RU-106	<	3.20	
	FMP-SS-46-198	1378731.23	481025.12	.00	.16	TH-232	=	.70	.30
	FMP-SS-46-198	1378731.23	481025.12	.00	.16	U-238	=	4.10	.90
	FMP-SS-46-199	1378428.61	480933.37	.00	.16	CS-137	<	.40	
	FMP-SS-46-199	1378428.61	480933.37	.00	.16	RA-226	<	.30	
	FMP-SS-46-199	1378428.61	480933.37	.00	.16	RU-106	<	.50	
	FMP-SS-46-199	1378428.61	480933.37	.00	.16	TH-232	<	2.80	
	FMP-SS-46-199	1378428.61	480933.37	.00	.16	U-238	<	3.30	
	FMP-SS-46-200	1378628.53	480927.90	.00	.16	CS-137	<	.20	
	FMP-SS-46-200	1378628.53	480927.90	.00	.16	RA-226	=	.50	.20
	FMP-SS-46-200	1378628.53	480927.90	.00	.16	RU-106	<	3.60	
	FMP-SS-46-200	1378628.53	480927.90	.00	.16	TH-232	<	1.80	
	FMP-SS-46-200	1378628.53	480927.90	.00	.16	U-238	<	9.00	
	FMP-SS-46-201	1376728.49	480925.16	.00	.16	CS-137	<	.30	
	FMP-SS-46-201	1378728.49	480925.16	.00	.16	RA-226	=	1.00	.30
	FMP-SS-46-201	1378728.49	480925.16	.00	.16	RU-106	<	3.00	
	FMP-SS-46-201	1378728.49	480925.16	.00	.16	TH-232	<	.70	
	FMP-SS-46-201	1378728.49	480925.16	.00	.16	U-238	<	8.70	
	FMP-SS-46-202	1378425.87	480833.41	.00	.16	CS-137	<	.20	
	FMP-SS-46-202	1378425.87	480833.41	.00	.16	RA-226	=	.90	.40
	FMP-SS-46-202	1378425.87	480833.41	.00	.16	RU-106	<	.40	
	FMP-SS-46-202	1378425.87	480833.41	.00	.16	TH-232	=	.70	.30
	FMP-SS-46-202	1378425.87	480833.41	.00	.16	U-238	=	2.60	1.70
	FMP-SS-46-203	1378525.83	480830.67	.00	.16	CS-137	=	.80	.30
	FMP-SS-46-203	1378525.83	480830.67	.00	.16	RA-226	=	1.10	.50
	FMP-SS-46-203	1378525.83	480830.67	.00	.16	RU-106	<	3.80	
	FMP-SS-46-203	1378525.83	480830.67	.00	.16	TH-232	<	.50	
	FMP-SS-46-203	1378525.83	480830.67	.00	.16	U-238	=	12.30	2.90
	FMP-SS-46-204	1378625.79	480827.93	.00	.16	CS-137	<	.40	
	FMP-SS-46-204	1378625.79	480827.93	.00	.16	RA-226	=	4.50	.60
	FMP-SS-46-204	1378625.79	480827.93	.00	.16	RU-106	<	3.50	
	FMP-SS-46-204	1378625.79	480827.93	.00	.16	TH-232	<	.30	
	FMP-SS-46-204	1378625.79	480827.93	.00	.16	U-238	=	5.60	3.40
	FMP-SS-46-205	1378725.76	480825.20	.00	.16	CS-137	<	.40	
	FMP-SS-46-205	1378725.76	480825.20	.00	.16	RA-226	<	.50	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-205	1378725.76	480825.20	.00	.16	RU-106	<	3.10	
	FMP-SS-46-205	1378725.76	480825.20	.00	.16	TH-232	=	.70	.30
	FMP-SS-46-205	1378725.76	480825.20	.00	.16	U-238	<	3.10	
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	CS-137	=	.90	.40
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	RA-226	=	4.40	.60
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	RU-106	<	.60	
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	TH-232	<	1.00	
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	U-238	<	19.40	
	FMP-SS-46-206D	1378423.13	480733.44	.00	.16	CS-137	=	.90	.40
	FMP-SS-46-206D	1378423.13	480733.44	.00	.16	RA-226	=	4.00	.50
	FMP-SS-46-206D	1378423.13	480733.44	.00	.16	RU-106	<	4.20	
	FMP-SS-46-206D	1378423.13	480733.44	.00	.16	TH-232	<	2.60	
	FMP-SS-46-206D	1378423.13	480733.44	.00	.16	U-238	<	18.40	
	FMP-SS-46-207	1378623.06	480727.97	.00	.16	CS-137	<	.90	
	FMP-SS-46-207	1378623.06	480727.97	.00	.16	RA-226	=	5.30	.60
	FMP-SS-46-207	1378623.06	480727.97	.00	.16	RU-106	<	6.00	
	FMP-SS-46-207	1378623.06	480727.97	.00	.16	TH-232	<	.80	
	FMP-SS-46-207	1378623.06	480727.97	.00	.16	U-238	=	6.20	3.40
	FMP-SS-46-208QC	1378623.06	480727.97	.00	.16	CS-137	<	.50	
	FMP-SS-46-208QC	1378623.06	480727.97	.00	.16	RA-226	=	8.40	.70
	FMP-SS-46-208QC	1378623.06	480727.97	.00	.16	RU-106	<	6.00	
	FMP-SS-46-208QC	1378623.06	480727.97	.00	.16	TH-232	<	1.40	
	FMP-SS-46-208QC	1378623.06	480727.97	.00	.16	U-238	=	7.70	5.00
	FMP-SS-46-209	1378723.02	480725.24	.00	.16	CS-137	<	.20	
	FMP-SS-46-209	1378723.02	480725.24	.00	.16	RA-226	=	1.10	.40
	FMP-SS-46-209	1378723.02	480725.24	.00	.16	RU-106	<	.50	
	FMP-SS-46-209	1378723.02	480725.24	.00	.16	TH-232	<	.60	
	FMP-SS-46-209	1378723.02	480725.24	.00	.16	U-238	=	6.20	3.40
	FMP-SS-46-210	1378822.98	480722.50	.00	.16	CS-137	<	.60	
	FMP-SS-46-210	1378822.98	480722.50	.00	.16	RA-226	=	.70	.40
	FMP-SS-46-210	1378822.98	480722.50	.00	.16	RU-106	<	4.10	
	FMP-SS-46-210	1378822.98	480722.50	.00	.16	TH-232	=	1.10	.40
	FMP-SS-46-210	1378822.98	480722.50	.00	.16	U-238	<	8.80	
	FMP-SS-46-211	1378922.95	480719.76	.00	.16	CS-137	<	.40	
	FMP-SS-46-211	1378922.95	480719.76	.00	.16	RA-226	=	.60	.40
	FMP-SS-46-211	1378922.95	480719.76	.00	.16	RU-106	<	.60	
	FMP-SS-46-211	1378922.95	480719.76	.00	.16	TH-232	=	.60	.40
	FMP-SS-46-211	1378922.95	480719.76	.00	.16	U-238	<	6.00	
	FMP-SS-46-212	1379022.91	480717.03	.00	.16	CS-137	<	.10	
	FMP-SS-46-212	1379022.91	480717.03	.00	.16	RA-226	=	.80	.30
	FMP-SS-46-212	1379022.91	480717.03	.00	.16	RU-106	<	3.90	
	FMP-SS-46-212	1379022.91	480717.03	.00	.16	TH-232	<	.30	
	FMP-SS-46-212	1379022.91	480717.03	.00	.16	U-238	<	9.50	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-213	1379122.87	480714.29	.00	.16	CS-137	<	.40	
	FMP-SS-46-213	1379122.87	480714.29	.00	.16	RA-226	=	.90	.30
	FMP-SS-46-213	1379122.87	480714.29	.00	.16	RU-106	<	3.40	
	FMP-SS-46-213	1379122.87	480714.29	.00	.16	TH-232	=	.90	.40
	FMP-SS-46-213	1379122.87	480714.29	.00	.16	U-238	<	8.20	
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	CS-137	=	.80	.50
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	RA-226	=	3.80	.60
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	RU-106	<	8.20	
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	TH-232	=	4.90	.80
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	U-238	=	64.50	9.00
	FMP-SS-46-215	1380015.96	482240.43	.00	.16	CS-137	=	.60	.30
	FMP-SS-46-215	1380015.96	482240.43	.00	.16	RA-226	<	.80	
	FMP-SS-46-215	1380015.96	482240.43	.00	.16	RU-106	<	6.50	
	FMP-SS-46-215	1380015.96	482240.43	.00	.16	TH-232	=	2.00	.50
	FMP-SS-46-215	1380015.96	482240.43	.00	.16	U-238	=	77.90	9.00
	FMP-SS-46-216	1379916.00	482243.17	.00	.16	CS-137	<	.40	
	FMP-SS-46-216	1379916.00	482243.17	.00	.16	RA-226	<	.60	
	FMP-SS-46-216	1379916.00	482243.17	.00	.16	RU-106	<	4.10	
	FMP-SS-46-216	1379916.00	482243.17	.00	.16	TH-232	=	1.10	.60
	FMP-SS-46-216	1379916.00	482243.17	.00	.16	U-238	=	36.50	4.00
	FMP-SS-46-217	1379711.34	482148.73	.00	.16	CS-137	<	.40	
	FMP-SS-46-217	1379711.34	482148.73	.00	.16	RA-226	=	.70	.10
	FMP-SS-46-217	1379711.34	482148.73	.00	.16	RU-106	<	19.60	
	FMP-SS-46-217	1379711.34	482148.73	.00	.16	TH-232	=	1.50	.50
	FMP-SS-46-217	1379711.34	482148.73	.00	.16	U-238	=	30.10	5.00
	FMP-SS-46-218Q	1379711.34	482148.73	.00	.16	CS-137	<	.70	
	FMP-SS-46-218Q	1379711.34	482148.73	.00	.16	RA-226	=	1.10	.50
	FMP-SS-46-218Q	1379711.34	482148.73	.00	.16	RU-106	<	6.30	
	FMP-SS-46-218Q	1379711.34	482148.73	.00	.16	TH-232	=	1.50	.50
	FMP-SS-46-218Q	1379711.34	482148.73	.00	.16	U-238	=	37.10	6.00
	FMP-SS-46-219	1379708.60	482048.77	.00	.16	CS-137	<	.50	
	FMP-SS-46-219	1379708.60	482048.77	.00	.16	RA-226	<	.40	
	FMP-SS-46-219	1379708.60	482048.77	.00	.16	RU-106	<	2.40	
	FMP-SS-46-219	1379708.60	482048.77	.00	.16	TH-232	=	.60	.30
	FMP-SS-46-219	1379708.60	482048.77	.00	.16	U-238	=	29.80	3.70
	FMP-SS-46-220	1379308.35	482008.70	.00	.16	CS-137	<	1.00	
	FMP-SS-46-220	1379308.35	482008.70	.00	.16	RA-226	<	1.80	
	FMP-SS-46-220	1379308.35	482008.70	.00	.16	RU-106	<	7.10	
	FMP-SS-46-220	1379308.35	482008.70	.00	.16	TH-232	=	.80	.30
	FMP-SS-46-220	1379308.35	482008.70	.00	.16	U-238	=	69.40	8.00
	FMP-SS-46-220D	1379308.35	482008.70	.00	.16	CS-137	<	.40	
	FMP-SS-46-220D	1379308.35	482008.70	.00	.16	RA-226	<	1.50	
	FMP-SS-46-220D	1379308.35	482008.70	.00	.16	RU-106	<	3.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-220D	1379308.35	482008.70	.00	.16	TH-232	=	.80	.30
	FMP-SS-46-220D	1379308.35	482008.70	.00	.16	U-238	=	72.00	8.00
	FMP-SS-46-221	1379455.56	481904.64	.00	.16	CS-137	<	.50	
	FMP-SS-46-221	1379455.56	481904.64	.00	.16	RA-226	<	.50	
	FMP-SS-46-221	1379455.56	481904.64	.00	.16	RU-106	<	4.20	
	FMP-SS-46-221	1379455.56	481904.64	.00	.16	TH-232	=	.70	.50
	FMP-SS-46-221	1379455.56	481904.64	.00	.16	U-238	=	39.50	4.70
	FMP-SS-46-222	1379354.29	481859.39	.00	.16	CS-137	<	.50	
	FMP-SS-46-222	1379354.29	481859.39	.00	.16	RA-226	<	.20	
	FMP-SS-46-222	1379354.29	481859.39	.00	.16	RU-106	<	3.70	
	FMP-SS-46-222	1379354.29	481859.39	.00	.16	TH-232	=	1.40	.60
	FMP-SS-46-222	1379354.29	481859.39	.00	.16	U-238	=	66.50	8.00
	FMP-SS-46-223	1379452.88	481806.67	.00	.16	CS-137	=	.50	.30
	FMP-SS-46-223	1379452.88	481806.67	.00	.16	RA-226	=	1.40	.70
	FMP-SS-46-223	1379452.88	481806.67	.00	.16	RU-106	<	4.30	
	FMP-SS-46-223	1379452.88	481806.67	.00	.16	TH-232	=	2.50	.90
	FMP-SS-46-223	1379452.88	481806.67	.00	.16	U-238	=	25.80	5.30
	FMP-SS-46-224	1379403.87	481807.01	.00	.16	CS-137	<	.40	
	FMP-SS-46-224	1379403.87	481807.01	.00	.16	RA-226	=	.60	.30
	FMP-SS-46-224	1379403.87	481807.01	.00	.16	RU-106	<	3.90	
	FMP-SS-46-224	1379403.87	481807.01	.00	.16	TH-232	<	2.00	
	FMP-SS-46-224	1379403.87	481807.01	.00	.16	U-238	=	37.70	4.50
	FMP-SS-46-225	1379302.94	481810.78	.00	.16	CS-137	=	.40	.20
	FMP-SS-46-225	1379302.94	481810.78	.00	.16	RA-226	<	1.30	
	FMP-SS-46-225	1379302.94	481810.78	.00	.16	RU-106	<	.50	
	FMP-SS-46-225	1379302.94	481810.78	.00	.16	TH-232	=	1.10	.40
	FMP-SS-46-225	1379302.94	481810.78	.00	.16	U-238	=	50.50	6.00
	FMP-SS-46-226	1379200.58	481762.56	.00	.16	CS-137	<	.40	
	FMP-SS-46-226	1379200.58	481762.56	.00	.16	RA-226	<	.80	
	FMP-SS-46-226	1379200.58	481762.56	.00	.16	RU-106	<	.60	
	FMP-SS-46-226	1379200.58	481762.56	.00	.16	TH-232	<	.80	
	FMP-SS-46-226	1379200.58	481762.56	.00	.16	U-238	=	62.60	5.50
	FMP-SS-46-227	1379197.84	481662.60	.00	.16	CS-137	<	.20	
	FMP-SS-46-227	1379197.84	481662.60	.00	.16	RA-226	=	.60	.40
	FMP-SS-46-227	1379197.84	481662.60	.00	.16	RU-106	<	3.80	
	FMP-SS-46-227	1379197.84	481662.60	.00	.16	TH-232	=	.80	.60
	FMP-SS-46-227	1379197.84	481662.60	.00	.16	U-238	=	35.40	4.80
	FMP-SS-46-228Q	1379197.84	481662.60	.00	.16	CS-137	<	.50	
	FMP-SS-46-228Q	1379197.84	481662.60	.00	.16	RA-226	<	1.20	
	FMP-SS-46-228Q	1379197.84	481662.60	.00	.16	RU-106	<	2.90	
	FMP-SS-46-228Q	1379197.84	481662.60	.00	.16	TH-232	=	.70	.30
	FMP-SS-46-228Q	1379197.84	481662.60	.00	.16	U-238	=	49.00	5.00
	FMP-SS-46-229	1379249.82	481661.17	.00	.16	CS-137	<	.10	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-229	1379249.82	481661.17	.00	.16	RA-226	=	.60	.30
	FMP-SS-46-229	1379249.82	481661.17	.00	.16	RU-106	<	.40	
	FMP-SS-46-229	1379249.82	481661.17	.00	.16	TH-232	=	1.10	.30
	FMP-SS-46-229	1379249.82	481661.17	.00	.16	U-238	=	28.10	5.10
	FMP-SS-46-230	1378793.15	481423.58	.00	.16	CS-137	<	.80	
	FMP-SS-46-230	1378793.15	481423.58	.00	.16	RA-226	=	.90	.40
	FMP-SS-46-230	1378793.15	481423.58	.00	.16	RU-106	<	2.30	
	FMP-SS-46-230	1378793.15	481423.58	.00	.16	TH-232	=	1.10	.30
	FMP-SS-46-230	1378793.15	481423.58	.00	.16	U-238	=	76.20	8.00
	FMP-SS-46-230D	1378793.15	481423.58	.00	.16	CS-137	<	.40	
	FMP-SS-46-230D	1378793.15	481423.58	.00	.16	RA-226	<	1.20	
	FMP-SS-46-230D	1378793.15	481423.58	.00	.16	RU-106	<	2.20	
	FMP-SS-46-230D	1378793.15	481423.58	.00	.16	TH-232	=	1.00	.50
	FMP-SS-46-230D	1378793.15	481423.58	.00	.16	U-238	=	75.70	7.20
	FMP-SS-46-231	1378790.76	481372.63	.00	.16	CS-137	<	.70	
	FMP-SS-46-231	1378790.76	481372.63	.00	.16	RA-226	<	1.30	
	FMP-SS-46-231	1378790.76	481372.63	.00	.16	RU-106	<	6.30	
	FMP-SS-46-231	1378790.76	481372.63	.00	.16	TH-232	=	1.70	.50
	FMP-SS-46-231	1378790.76	481372.63	.00	.16	U-238	=	83.80	6.80
	FMP-SS-46-232	1378738.04	481274.03	.00	.16	CS-137	<	.40	
	FMP-SS-46-232	1378738.04	481274.03	.00	.16	RA-226	<	1.60	
	FMP-SS-46-232	1378738.04	481274.03	.00	.16	RU-106	<	3.50	
	FMP-SS-46-232	1378738.04	481274.03	.00	.16	TH-232	=	1.10	.40
	FMP-SS-46-232	1378738.04	481274.03	.00	.16	U-238	=	87.30	8.00
	FMP-SS-46-233	1378736.33	481175.04	.00	.16	CS-137	=	.40	.20
	FMP-SS-46-233	1378736.33	481175.04	.00	.16	RA-226	=	.40	.30
	FMP-SS-46-233	1378736.33	481175.04	.00	.16	RU-106	<	.40	
	FMP-SS-46-233	1378736.33	481175.04	.00	.16	TH-232	=	.70	.30
	FMP-SS-46-233	1378736.33	481175.04	.00	.16	U-238	<	8.30	
	FMP-SS-46-234	1378485.79	481231.92	.00	.16	CS-137	<	.30	
	FMP-SS-46-234	1378485.79	481231.92	.00	.16	RA-226	=	1.40	.30
	FMP-SS-46-234	1378485.79	481231.92	.00	.16	RU-106	<	2.00	
	FMP-SS-46-234	1378485.79	481231.92	.00	.16	TH-232	=	1.50	.20
	FMP-SS-46-234	1378485.79	481231.92	.00	.16	U-238	=	30.00	5.30
	FMP-SS-46-235	1378435.81	481233.28	.00	.16	CS-137	<	.50	
	FMP-SS-46-235	1378435.81	481233.28	.00	.16	RA-226	=	2.70	.50
	FMP-SS-46-235	1378435.81	481233.28	.00	.16	RU-106	<	5.10	
	FMP-SS-46-235	1378435.81	481233.28	.00	.16	TH-232	=	1.40	.60
	FMP-SS-46-235	1378435.81	481233.28	.00	.16	U-238	=	31.40	4.10
	FMP-SS-46-236	1378536.41	481180.51	.00	.16	CS-137	<	.30	
	FMP-SS-46-236	1378536.41	481180.51	.00	.16	RA-226	=	1.20	.40
	FMP-SS-46-236	1378536.41	481180.51	.00	.16	RU-106	<	7.00	
	FMP-SS-46-236	1378536.41	481180.51	.00	.16	TH-232	=	2.60	.50

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-236	1378536.41	481180.51	.00	.16	U-238	=	48.70	4.40
	FMP-SS-46-237	1378384.07	481133.66	.00	.16	CS-137	<	.80	
	FMP-SS-46-237	1378384.07	481133.66	.00	.16	RA-226	<	1.70	
	FMP-SS-46-237	1378384.07	481133.66	.00	.16	RU-106	<	7.10	
	FMP-SS-46-237	1378384.07	481133.66	.00	.16	TH-232	<	2.10	
	FMP-SS-46-237	1378384.07	481133.66	.00	.16	U-238	=	87.10	6.50
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	CS-137	<	.30	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	RA-226	<	.60	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	RU-106	<	.50	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	TH-232	<	.30	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	U-238	=	6.00	3.00
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	CS-137	=	.30	.20
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	RA-226	=	.50	.30
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	RU-106	<	3.80	
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	TH-232	=	.50	.30
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	U-238	=	5.40	2.60
	FMP-SS-46-271	1379775.36	480796.47	.00	.16	CS-137	<	.40	
	FMP-SS-46-271	1379775.36	480796.47	.00	.16	RA-226	=	.40	.20
	FMP-SS-46-271	1379775.36	480796.47	.00	.16	RU-106	<	3.80	
	FMP-SS-46-271	1379775.36	480796.47	.00	.16	TH-232	<	2.00	
	FMP-SS-46-271	1379775.36	480796.47	.00	.16	U-238	=	3.10	2.60
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	CS-137	=	.50	.20
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	RA-226	=	.80	.40
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	RU-106	<	4.00	
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	TH-232	=	1.30	.40
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	U-238	=	8.10	3.20
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	CS-137	=	.90	.30
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	RA-226	=	1.30	.50
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	RU-106	<	3.30	
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	TH-232	=	1.10	.60
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	U-238	=	13.70	3.90
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	CS-137	<	.40	
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	RA-226	=	.60	.30
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	RU-106	<	5.20	
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	TH-232	<	1.40	
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	U-238	=	10.30	3.30
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	CS-137	<	.50	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	RA-226	=	1.00	.40
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	RU-106	<	2.40	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	TH-232	=	.90	.30
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	U-238	<	9.00	
	FMP-SS-46-280D	1379578.17	480901.91	.00	.16	CS-137	<	.70	
	FMP-SS-46-280D	1379578.17	480901.91	.00	.16	RA-226	=	.90	.30

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-280D	1379578.17	480901.91	.00	.16	RU-106	<	4.50	
	FMP-SS-46-280D	1379578.17	480901.91	.00	.16	TH-232	=	.80	.40
	FMP-SS-46-280D	1379578.17	480901.91	.00	.16	U-238	<	9.00	
	FMP-SS-46-281Q	1379578.17	480901.91	.00	.16	CS-137	<	.10	
	FMP-SS-46-281Q	1379578.17	480901.91	.00	.16	RA-226	=	.90	.30
	FMP-SS-46-281Q	1379578.17	480901.91	.00	.16	RU-106	<	3.20	
	FMP-SS-46-281Q	1379578.17	480901.91	.00	.16	TH-232	=	.70	.50
	FMP-SS-46-281Q	1379578.17	480901.91	.00	.16	U-238	=	4.00	2.00
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	CS-137	<	.30	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	RA-226	<	.60	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	RU-106	<	3.70	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	TH-232	=	.70	.50
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	U-238	=	5.80	1.80
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	CS-137	<	.30	
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	RA-226	=	.90	.30
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	RU-106	<	4.90	
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	TH-232	<	.60	
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	U-238	=	11.60	3.50
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	CS-137	=	.40	.30
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	RA-226	=	.70	.50
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	RU-106	<	4.60	
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	TH-232	=	.70	.40
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	U-238	=	6.20	2.60
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	CS-137	<	.90	
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	RA-226	=	.70	.40
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	RU-106	<	4.70	
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	TH-232	<	.30	
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	U-238	=	8.20	2.70
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	CS-137	=	.50	.20
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	RA-226	<	1.20	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	RU-106	<	7.60	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	TH-232	=	.70	.50
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	U-238	=	5.90	2.30
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	CS-137	=	.40	.30
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	RA-226	=	.50	.40
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	RU-106	<	1.90	
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	TH-232	=	.80	.30
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	U-238	=	5.70	2.80
	FMP-SS-46-295D	1379586.38	481201.79	.00	.16	CS-137	<	.50	
	FMP-SS-46-295D	1379586.38	481201.79	.00	.16	RA-226	=	1.00	.40
	FMP-SS-46-295D	1379586.38	481201.79	.00	.16	RU-106	<	6.60	
	FMP-SS-46-295D	1379586.38	481201.79	.00	.16	TH-232	=	.70	.30
	FMP-SS-46-295D	1379586.38	481201.79	.00	.16	U-238	=	7.40	3.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-300	1379694.55	481498.95	.00	.16	CS-137	=	.50	.30
	FMP-SS-46-300	1379694.55	481498.95	.00	.16	RA-226	<	1.90	
	FMP-SS-46-300	1379694.55	481498.95	.00	.16	RU-106	<	2.50	
	FMP-SS-46-300	1379694.55	481498.95	.00	.16	TH-232	<	2.50	
	FMP-SS-46-300	1379694.55	481498.95	.00	.16	U-238	=	8.00	2.50
	FMP-SS-46-301	1379594.59	481501.68	.00	.16	CS-137	<	.50	
	FMP-SS-46-301	1379594.59	481501.68	.00	.16	RA-226	<	1.30	
	FMP-SS-46-301	1379594.59	481501.68	.00	.16	RU-106	<	.50	
	FMP-SS-46-301	1379594.59	481501.68	.00	.16	TH-232	=	.70	.50
	FMP-SS-46-301	1379594.59	481501.68	.00	.16	U-238	=	6.70	2.90
	FMP-SS-46-306	1379794.52	481496.21	.00	.16	CS-137	<	.40	
	FMP-SS-46-306	1379794.52	481496.21	.00	.16	RA-226	<	2.20	
	FMP-SS-46-306	1379794.52	481496.21	.00	.16	RU-106	<	4.50	
	FMP-SS-46-306	1379794.52	481496.21	.00	.16	TH-232	<	1.20	
	FMP-SS-46-306	1379794.52	481496.21	.00	.16	U-238	=	6.30	2.10
	FMP-SS-46-307	1379791.78	481396.25	.00	.16	CS-137	<	.50	
	FMP-SS-46-307	1379791.78	481396.25	.00	.16	RA-226	<	1.90	
	FMP-SS-46-307	1379791.78	481396.25	.00	.16	RU-106	<	4.70	
	FMP-SS-46-307	1379791.78	481396.25	.00	.16	TH-232	=	1.10	.30
	FMP-SS-46-307	1379791.78	481396.25	.00	.16	U-238	=	4.80	3.20
	FMP-SS-46-308	1379691.82	481398.98	.00	.16	CS-137	<	.50	
	FMP-SS-46-308	1379691.82	481398.98	.00	.16	RA-226	=	.80	.30
	FMP-SS-46-308	1379691.82	481398.98	.00	.16	RU-106	<	4.50	
	FMP-SS-46-308	1379691.82	481398.98	.00	.16	TH-232	<	.30	
	FMP-SS-46-308	1379691.82	481398.98	.00	.16	U-238	=	3.40	2.50
	FMP-SS-46-309	1379589.12	481301.76	.00	.16	CS-137	=	.60	.20
	FMP-SS-46-309	1379589.12	481301.76	.00	.16	RA-226	=	.90	.30
	FMP-SS-46-309	1379589.12	481301.76	.00	.16	RU-106	<	6.30	
	FMP-SS-46-309	1379589.12	481301.76	.00	.16	TH-232	=	1.40	.20
	FMP-SS-46-309	1379589.12	481301.76	.00	.16	U-238	=	9.30	2.90
	FMP-SS-46-310	1379689.08	481299.02	.00	.16	CS-137	=	.60	.20
	FMP-SS-46-310	1379689.08	481299.02	.00	.16	RA-226	<	2.10	
	FMP-SS-46-310	1379689.08	481299.02	.00	.16	RU-106	<	13.90	
	FMP-SS-46-310	1379689.08	481299.02	.00	.16	TH-232	<	.40	
	FMP-SS-46-310	1379689.08	481299.02	.00	.16	U-238	=	11.00	4.00
	FMP-SS-46-311	1379686.34	481199.06	.00	.16	CS-137	=	.80	.30
	FMP-SS-46-311	1379686.34	481199.06	.00	.16	RA-226	=	1.10	.70
	FMP-SS-46-311	1379686.34	481199.06	.00	.16	RU-106	<	8.90	
	FMP-SS-46-311	1379686.34	481199.06	.00	.16	TH-232	<	.30	
	FMP-SS-46-311	1379686.34	481199.06	.00	.16	U-238	=	14.10	3.30
	FMP-SS-46-312	1379786.31	481196.32	.00	.16	CS-137	=	.70	.40
	FMP-SS-46-312	1379786.31	481196.32	.00	.16	RA-226	<	1.10	
	FMP-SS-46-312	1379786.31	481196.32	.00	.16	RU-106	<	.60	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-312	1379786.31	481196.32	.00	.16	TH-232	=	1.30	.40
	FMP-SS-46-312	1379786.31	481196.32	.00	.16	U-238	=	8.20	3.40
	FMP-SS-46-313	1379754.48	480947.10	.00	.16	CS-137	<	.40	
	FMP-SS-46-313	1379754.48	480947.10	.00	.16	RA-226	=	.80	.30
	FMP-SS-46-313	1379754.48	480947.10	.00	.16	RU-106	<	3.50	
	FMP-SS-46-313	1379754.48	480947.10	.00	.16	TH-232	=	.70	.50
	FMP-SS-46-313	1379754.48	480947.10	.00	.16	U-238	=	8.10	2.20
	FMP-SS-46-314	1379749.16	480972.25	.00	.16	CS-137	=	.70	.30
	FMP-SS-46-314	1379749.16	480972.25	.00	.16	RA-226	=	.70	.40
	FMP-SS-46-314	1379749.16	480972.25	.00	.16	RU-106	<	.70	
	FMP-SS-46-314	1379749.16	480972.25	.00	.16	TH-232	<	1.00	
	FMP-SS-46-314	1379749.16	480972.25	.00	.16	U-238	=	6.60	2.20
	FMP-SS-46-315	1379747.28	480903.28	.00	.16	CS-137	=	.60	.40
	FMP-SS-46-315	1379747.28	480903.28	.00	.16	RA-226	=	.80	.40
	FMP-SS-46-315	1379747.28	480903.28	.00	.16	RU-106	<	4.40	
	FMP-SS-46-315	1379747.28	480903.28	.00	.16	TH-232	<	2.20	
	FMP-SS-46-315	1379747.28	480903.28	.00	.16	U-238	=	8.40	3.10
	FMP-SS-46-316	1379761.68	480990.92	.00	.16	CS-137	=	.80	.30
	FMP-SS-46-316	1379761.68	480990.92	.00	.16	RA-226	=	.80	.30
	FMP-SS-46-316	1379761.68	480990.92	.00	.16	RU-106	<	1.60	
	FMP-SS-46-316	1379761.68	480990.92	.00	.16	TH-232	=	1.00	.50
	FMP-SS-46-316	1379761.68	480990.92	.00	.16	U-238	=	8.10	3.00
	FMP-SS-46-317	1379741.48	480947.45	.00	.16	CS-137	=	.50	.20
	FMP-SS-46-317	1379741.48	480947.45	.00	.16	RA-226	=	.70	.40
	FMP-SS-46-317	1379741.48	480947.45	.00	.16	RU-106	<	.50	
	FMP-SS-46-317	1379741.48	480947.45	.00	.16	TH-232	=	.90	.50
	FMP-SS-46-317	1379741.48	480947.45	.00	.16	U-238	=	4.80	2.80
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	CS-137	=	1.20	.30
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	RA-226	=	10.30	.90
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	RU-106	<	11.00	
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	TH-232	<	.90	
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	U-238	<	14.90	
	FMP-SS-46-319	1378648.05	480727.29	.00	.16	CS-137	<	1.40	
	FMP-SS-46-319	1378648.05	480727.29	.00	.16	RA-226	=	7.90	.90
	FMP-SS-46-319	1378648.05	480727.29	.00	.16	RU-106	<	.50	
	FMP-SS-46-319	1378648.05	480727.29	.00	.16	TH-232	<	2.50	
	FMP-SS-46-319	1378648.05	480727.29	.00	.16	U-238	<	12.10	
	FMP-SS-46-320	1378471.75	480682.09	.00	.16	CS-137	<	.80	
	FMP-SS-46-320	1378471.75	480682.09	.00	.16	RA-226	=	1.30	.50
	FMP-SS-46-320	1378471.75	480682.09	.00	.16	RU-106	<	5.80	
	FMP-SS-46-320	1378471.75	480682.09	.00	.16	TH-232	<	4.30	
	FMP-SS-46-320	1378471.75	480682.09	.00	.16	U-238	=	3.20	1.90
	FMP-SS-46-320D	1378471.75	480682.09	.00	.16	CS-137	<	.40	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-320D	1378471.75	480682.09	.00	.16	RA-226	=	1.60	.60
	FMP-SS-46-320D	1378471.75	480682.09	.00	.16	RU-106	<	.90	
	FMP-SS-46-320D	1378471.75	480682.09	.00	.16	TH-232	=	.60	.40
	FMP-SS-46-320D	1378471.75	480682.09	.00	.16	U-238	=	6.40	3.10
	FMP-SS-46-321	1378449.49	480782.74	.00	.16	CS-137	=	.50	.30
	FMP-SS-46-321	1378449.49	480782.74	.00	.16	RA-226	=	4.70	.80
	FMP-SS-46-321	1378449.49	480782.74	.00	.16	RU-106	<	.60	
	FMP-SS-46-321	1378449.49	480782.74	.00	.16	TH-232	<	4.20	
	FMP-SS-46-321	1378449.49	480782.74	.00	.16	U-238	<	14.90	
	FMP-SS-46-322	1378422.45	480708.45	.00	.16	CS-137	<	1.00	
	FMP-SS-46-322	1378422.45	480708.45	.00	.16	RA-226	=	2.00	.60
	FMP-SS-46-322	1378422.45	480708.45	.00	.16	RU-106	<	3.40	
	FMP-SS-46-322	1378422.45	480708.45	.00	.16	TH-232	<	4.40	
	FMP-SS-46-322	1378422.45	480708.45	.00	.16	U-238	=	6.10	3.60
	FMP-SS-46-323	1378474.48	480782.06	.00	.16	CS-137	=	1.00	.40
	FMP-SS-46-323	1378474.48	480782.06	.00	.16	RA-226	=	4.40	.60
	FMP-SS-46-323	1378474.48	480782.06	.00	.16	RU-106	<	.60	
	FMP-SS-46-323	1378474.48	480782.06	.00	.16	TH-232	<	4.60	
	FMP-SS-46-323	1378474.48	480782.06	.00	.16	U-238	=	8.50	4.30
	FMP-SS-46-324	1378446.76	480682.78	.00	.16	CS-137	<	2.40	
	FMP-SS-46-324	1378446.76	480682.78	.00	.16	RA-226	=	35.80	1.60
	FMP-SS-46-324	1378446.76	480682.78	.00	.16	RU-106	<	9.00	
	FMP-SS-46-324	1378446.76	480682.78	.00	.16	TH-232	<	4.00	
	FMP-SS-46-324	1378446.76	480682.78	.00	.16	U-238	<	7.20	
	FMP-SS-46-325	1378423.82	480758.43	.00	.16	CS-137	=	.40	.20
	FMP-SS-46-325	1378423.82	480758.43	.00	.16	RA-226	=	1.70	.50
	FMP-SS-46-325	1378423.82	480758.43	.00	.16	RU-106	<	3.20	
	FMP-SS-46-325	1378423.82	480758.43	.00	.16	TH-232	<	2.70	
	FMP-SS-46-325	1378423.82	480758.43	.00	.16	U-238	=	5.50	2.00
	FMP-SS-46-328	1380233.71	482228.47	.00	.16	CS-137	<	1.40	
	FMP-SS-46-328	1380233.71	482228.47	.00	.16	RA-226	=	1.50	.80
	FMP-SS-46-328	1380233.71	482228.47	.00	.16	RU-106	<	14.60	
	FMP-SS-46-328	1380233.71	482228.47	.00	.16	TH-232	=	2.70	1.10
	FMP-SS-46-328	1380233.71	482228.47	.00	.16	U-238	=	149.00	12.00
	FMP-SS-46-330	1380183.73	482229.84	.00	.16	CS-137	<	1.70	
	FMP-SS-46-330	1380183.73	482229.84	.00	.16	RA-226	=	2.80	.80
	FMP-SS-46-330	1380183.73	482229.84	.00	.16	RU-106	<	17.30	
	FMP-SS-46-330	1380183.73	482229.84	.00	.16	TH-232	=	3.50	.70
	FMP-SS-46-330	1380183.73	482229.84	.00	.16	U-238	=	85.70	8.30
	FMP-SS-46-330D	1380183.73	482229.84	.00	.16	CS-137	<	.80	
	FMP-SS-46-330D	1380183.73	482229.84	.00	.16	RA-226	<	3.50	
	FMP-SS-46-330D	1380183.73	482229.84	.00	.16	RU-106	<	.80	
	FMP-SS-46-330D	1380183.73	482229.84	.00	.16	TH-232	=	3.60	.70

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-330D	1380183.73	482229.84	.00	.16	U-238	=	79.70	8.80
	FMP-SS-46-331	1380151.74	482230.71	.00	.16	CS-137	<	1.00	
	FMP-SS-46-331	1380151.74	482230.71	.00	.16	RA-226	=	1.10	.90
	FMP-SS-46-331	1380151.74	482230.71	.00	.16	RU-106	<	19.50	
	FMP-SS-46-331	1380151.74	482230.71	.00	.16	TH-232	=	3.90	.80
	FMP-SS-46-331	1380151.74	482230.71	.00	.16	U-238	=	103.00	8.20
	FMP-SS-46-332	1380251.02	482202.98	.00	.16	CS-137	<	.80	
	FMP-SS-46-332	1380251.02	482202.98	.00	.16	RA-226	=	1.40	.20
	FMP-SS-46-332	1380251.02	482202.98	.00	.16	RU-106	<	.80	
	FMP-SS-46-332	1380251.02	482202.98	.00	.16	TH-232	=	3.40	.70
	FMP-SS-46-332	1380251.02	482202.98	.00	.16	U-238	=	71.40	8.30
	FMP-SS-46-333	1380089.77	482232.41	.00	.16	CS-137	<	.70	
	FMP-SS-46-333	1380089.77	482232.41	.00	.16	RA-226	=	1.10	.50
	FMP-SS-46-333	1380089.77	482232.41	.00	.16	RU-106	<	5.40	
	FMP-SS-46-333	1380089.77	482232.41	.00	.16	TH-232	=	2.30	.80
	FMP-SS-46-333	1380089.77	482232.41	.00	.16	U-238	=	76.60	10.00
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	CS-137	<	.30	
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	RA-226	=	1.10	.40
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	RU-106	<	6.00	
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	TH-232	=	1.60	.70
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	U-238	=	39.40	4.40
	FMP-SS-46-335	1380032.10	482208.98	.00	.16	CS-137	<	.90	
	FMP-SS-46-335	1380032.10	482208.98	.00	.16	RA-226	=	.90	.50
	FMP-SS-46-335	1380032.10	482208.98	.00	.16	RU-106	<	7.00	
	FMP-SS-46-335	1380032.10	482208.98	.00	.16	TH-232	=	2.00	.50
	FMP-SS-46-335	1380032.10	482208.98	.00	.16	U-238	=	53.80	5.20
	FMP-SS-46-336	1379945.14	482211.36	.00	.16	CS-137	=	.50	.30
	FMP-SS-46-336	1379945.14	482211.36	.00	.16	RA-226	=	1.40	.50
	FMP-SS-46-336	1379945.14	482211.36	.00	.16	RU-106	<	8.90	
	FMP-SS-46-336	1379945.14	482211.36	.00	.16	TH-232	=	2.90	.80
	FMP-SS-46-336	1379945.14	482211.36	.00	.16	U-238	=	66.70	6.00
	FMP-SS-46-337	1379914.15	482212.20	.00	.16	CS-137	=	.60	.30
	FMP-SS-46-337	1379914.15	482212.20	.00	.16	RA-226	=	1.90	.50
	FMP-SS-46-337	1379914.15	482212.20	.00	.16	RU-106	<	4.30	
	FMP-SS-46-337	1379914.15	482212.20	.00	.16	TH-232	=	3.50	.70
	FMP-SS-46-337	1379914.15	482212.20	.00	.16	U-238	=	115.00	7.30
	FMP-SS-46-338	1379876.16	482213.24	.00	.16	CS-137	<	.50	
	FMP-SS-46-338	1379876.16	482213.24	.00	.16	RA-226	=	1.90	.50
	FMP-SS-46-338	1379876.16	482213.24	.00	.16	RU-106	<	7.70	
	FMP-SS-46-338	1379876.16	482213.24	.00	.16	TH-232	=	3.20	1.00
	FMP-SS-46-338	1379876.16	482213.24	.00	.16	U-238	=	70.50	6.10
	FMP-SS-46-339	1379921.00	482243.03	.00	.16	CS-137	<	.60	
	FMP-SS-46-339	1379921.00	482243.03	.00	.16	RA-226	=	1.10	.50

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-339	1379921.00	482243.03	.00	.16	RU-106	<	8.30	
	FMP-SS-46-339	1379921.00	482243.03	.00	.16	TH-232	=	1.80	.50
	FMP-SS-46-339	1379921.00	482243.03	.00	.16	U-238	=	78.00	6.30
	FMP-SS-46-340	1379890.01	482243.88	.00	.16	CS-137	<	.10	
	FMP-SS-46-340	1379890.01	482243.88	.00	.16	RA-226	<	.80	
	FMP-SS-46-340	1379890.01	482243.88	.00	.16	RU-106	<	5.10	
	FMP-SS-46-340	1379890.01	482243.88	.00	.16	TH-232	=	.80	.50
	FMP-SS-46-340	1379890.01	482243.88	.00	.16	U-238	=	27.80	3.50
	FMP-SS-46-341	1380051.78	482233.45	.00	.16	CS-137	<	.70	
	FMP-SS-46-341	1380051.78	482233.45	.00	.16	RA-226	=	2.00	.60
	FMP-SS-46-341	1380051.78	482233.45	.00	.16	RU-106	<	14.20	
	FMP-SS-46-341	1380051.78	482233.45	.00	.16	TH-232	=	3.10	.90
	FMP-SS-46-341	1380051.78	482233.45	.00	.16	U-238	=	165.00	11.00
	FMP-SS-46-342	1379945.99	482242.34	.00	.16	CS-137	<	.30	
	FMP-SS-46-342	1379945.99	482242.34	.00	.16	RA-226	=	1.20	.50
	FMP-SS-46-342	1379945.99	482242.34	.00	.16	RU-106	<	8.20	
	FMP-SS-46-342	1379945.99	482242.34	.00	.16	TH-232	=	1.30	.70
	FMP-SS-46-342	1379945.99	482242.34	.00	.16	U-238	=	89.40	7.20
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	CS-137	<	1.10	
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	RA-226	<	1.10	
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	RU-106	<	10.40	
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	TH-232	=	2.70	.70
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	U-238	=	126.00	8.00
	FMP-SS-46-343D	1379983.81	482235.31	.00	.16	CS-137	<	1.10	
	FMP-SS-46-343D	1379983.81	482235.31	.00	.16	RA-226	=	1.40	.60
	FMP-SS-46-343D	1379983.81	482235.31	.00	.16	RU-106	<	8.00	
	FMP-SS-46-343D	1379983.81	482235.31	.00	.16	TH-232	=	2.20	.70
	FMP-SS-46-343D	1379983.81	482235.31	.00	.16	U-238	=	124.00	8.00
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	CS-137	<	1.30	
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	RA-226	=	1.80	.50
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	RU-106	<	8.70	
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	TH-232	=	2.20	.80
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	U-238	=	101.00	7.00
	FMP-SS-46-345	1380100.94	482202.09	.00	.16	CS-137	<	.30	
	FMP-SS-46-345	1380100.94	482202.09	.00	.16	RA-226	=	.80	.30
	FMP-SS-46-345	1380100.94	482202.09	.00	.16	RU-106	<	1.60	
	FMP-SS-46-345	1380100.94	482202.09	.00	.16	TH-232	=	1.00	.40
	FMP-SS-46-345	1380100.94	482202.09	.00	.16	U-238	=	11.90	3.60
	FMP-SS-46-346	1380053.31	482289.43	.00	.16	CS-137	<	.40	
	FMP-SS-46-346	1380053.31	482289.43	.00	.16	RA-226	<	1.50	
	FMP-SS-46-346	1380053.31	482289.43	.00	.16	RU-106	<	2.80	
	FMP-SS-46-346	1380053.31	482289.43	.00	.16	TH-232	=	1.00	.40
	FMP-SS-46-346	1380053.31	482289.43	.00	.16	U-238	=	4.50	1.10

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-347	1379754.11	482322.62	.00	.16	CS-137	<	.40	
	FMP-SS-46-347	1379754.11	482322.62	.00	.16	RA-226	=	.80	.30
	FMP-SS-46-347	1379754.11	482322.62	.00	.16	RU-106	<	.50	
	FMP-SS-46-347	1379754.11	482322.62	.00	.16	TH-232	=	.60	.40
	FMP-SS-46-347	1379754.11	482322.62	.00	.16	U-238	=	5.80	2.50
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	CS-137	<	.60	
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	RA-226	=	.70	.40
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	RU-106	<	2.60	
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	TH-232	=	1.10	.30
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	U-238	=	34.30	5.00
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	CS-137	<	1.50	
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	RA-226	<	2.00	
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	RU-106	<	17.20	
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	TH-232	=	1.90	.80
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	U-238	=	710.00	18.00
	FMP-SS-46-350	1379679.82	482349.67	.16	.50	CS-137	<	.50	
	FMP-SS-46-350	1379679.82	482349.67	.16	.50	RA-226	=	.90	.60
	FMP-SS-46-350	1379679.82	482349.67	.16	.50	RU-106	<	5.10	
	FMP-SS-46-350	1379679.82	482349.67	.16	.50	TH-232	=	.60	.40
	FMP-SS-46-350	1379679.82	482349.67	.16	.50	U-238	=	22.80	3.60
	FMP-SS-46-351	1379635.99	482319.85	.00	.16	CS-137	<	.30	
	FMP-SS-46-351	1379635.99	482319.85	.00	.16	RA-226	=	.80	.60
	FMP-SS-46-351	1379635.99	482319.85	.00	.16	RU-106	<	4.70	
	FMP-SS-46-351	1379635.99	482319.85	.00	.16	TH-232	=	.80	.50
	FMP-SS-46-351	1379635.99	482319.85	.00	.16	U-238	=	20.60	3.30
	FMP-SS-46-352	1379590.80	482277.08	.00	.16	CS-137	=	.30	.20
	FMP-SS-46-352	1379590.80	482277.08	.00	.16	RA-226	=	.90	.30
	FMP-SS-46-352	1379590.80	482277.08	.00	.16	RU-106	<	5.70	
	FMP-SS-46-352	1379590.80	482277.08	.00	.16	TH-232	=	.70	.60
	FMP-SS-46-352	1379590.80	482277.08	.00	.16	U-238	=	12.10	3.50
	FMP-SS-46-353	1379559.33	482040.85	.00	.16	CS-137	<	.50	
	FMP-SS-46-353	1379559.33	482040.85	.00	.16	RA-226	=	.80	.40
	FMP-SS-46-353	1379559.33	482040.85	.00	.16	RU-106	<	5.80	
	FMP-SS-46-353	1379559.33	482040.85	.00	.16	TH-232	=	1.90	.40
	FMP-SS-46-353	1379559.33	482040.85	.00	.16	U-238	=	41.40	4.50
	FMP-SS-46-353D	1379559.33	482040.85	.00	.16	CS-137	=	.50	.30
	FMP-SS-46-353D	1379559.33	482040.85	.00	.16	RA-226	=	1.70	.30
	FMP-SS-46-353D	1379559.33	482040.85	.00	.16	RU-106	<	3.00	
	FMP-SS-46-353D	1379559.33	482040.85	.00	.16	TH-232	=	1.90	.40
	FMP-SS-46-353D	1379559.33	482040.85	.00	.16	U-238	=	43.10	4.40
	FMP-SS-46-354	1379596.83	482058.83	.00	.16	CS-137	=	.90	.30
	FMP-SS-46-354	1379596.83	482058.83	.00	.16	RA-226	=	1.40	.50
	FMP-SS-46-354	1379596.83	482058.83	.00	.16	RU-106	<	4.30	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-354	1379596.83	482058.83	.00	.16	TH-232	=	2.80	.60
	FMP-SS-46-354	1379596.83	482058.83	.00	.16	U-238	=	64.30	8.00
	FMP-SS-46-355	1379652.81	482057.30	.00	.16	CS-137	<	.10	
	FMP-SS-46-355	1379652.81	482057.30	.00	.16	RA-226	=	1.40	.30
	FMP-SS-46-355	1379652.81	482057.30	.00	.16	RU-106	<	.50	
	FMP-SS-46-355	1379652.81	482057.30	.00	.16	TH-232	=	2.10	.70
	FMP-SS-46-355	1379652.81	482057.30	.00	.16	U-238	=	49.00	7.20
	FMP-SS-46-356	1379684.80	482056.42	.00	.16	CS-137	=	.80	.30
	FMP-SS-46-356	1379684.80	482056.42	.00	.16	RA-226	=	.90	.40
	FMP-SS-46-356	1379684.80	482056.42	.00	.16	RU-106	<	6.90	
	FMP-SS-46-356	1379684.80	482056.42	.00	.16	TH-232	=	.60	.30
	FMP-SS-46-356	1379684.80	482056.42	.00	.16	U-238	=	32.20	4.50
	FMP-SS-46-357	1379494.63	481979.60	.00	.16	CS-137	<	.70	
	FMP-SS-46-357	1379494.63	481979.60	.00	.16	RA-226	=	1.10	.40
	FMP-SS-46-357	1379494.63	481979.60	.00	.16	RU-106	<	4.40	
	FMP-SS-46-357	1379494.63	481979.60	.00	.16	TH-232	=	2.00	.50
	FMP-SS-46-357	1379494.63	481979.60	.00	.16	U-238	=	72.40	8.00
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	CS-137	<	1.00	
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	RA-226	=	.70	.30
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	RU-106	<	9.00	
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	TH-232	=	2.10	.50
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	U-238	=	39.50	6.00
	FMP-SS-46-359	1379587.22	481927.04	.00	.16	CS-137	<	.40	
	FMP-SS-46-359	1379587.22	481927.04	.00	.16	RA-226	=	.40	.30
	FMP-SS-46-359	1379587.22	481927.04	.00	.16	RU-106	<	9.50	
	FMP-SS-46-359	1379587.22	481927.04	.00	.16	TH-232	<	.30	
	FMP-SS-46-359	1379587.22	481927.04	.00	.16	U-238	=	43.00	5.50
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	CS-137	<	1.00	
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	RA-226	<	3.50	
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	RU-106	<	16.60	
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	TH-232	=	17.00	1.20
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	U-238	=	26.60	8.50
	FMP-SS-46-361	1379608.46	482008.49	.00	.16	CS-137	<	.70	
	FMP-SS-46-361	1379608.46	482008.49	.00	.16	RA-226	=	.70	.40
	FMP-SS-46-361	1379608.46	482008.49	.00	.16	RU-106	<	8.60	
	FMP-SS-46-361	1379608.46	482008.49	.00	.16	TH-232	=	2.10	.40
	FMP-SS-46-361	1379608.46	482008.49	.00	.16	U-238	=	32.70	5.40
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	CS-137	<	.90	
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	RA-226	=	1.90	.90
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	RU-106	<	17.30	
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	TH-232	=	2.90	.60
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	U-238	=	124.00	9.90
	FMP-SS-46-363	1379796.24	482034.36	.00	.16	CS-137	<	1.30	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-363	1379796.24	482034.36	.00	.16	RA-226	=	1.70	.50
	FMP-SS-46-363	1379796.24	482034.36	.00	.16	RU-106	<	3.20	
	FMP-SS-46-363	1379796.24	482034.36	.00	.16	TH-232	=	4.70	.70
	FMP-SS-46-363	1379796.24	482034.36	.00	.16	U-238	=	28.20	4.50
	FMP-SS-46-363D	1379796.24	482034.36	.00	.16	CS-137	<	1.30	
	FMP-SS-46-363D	1379796.24	482034.36	.00	.16	RA-226	=	2.30	.60
	FMP-SS-46-363D	1379796.24	482034.36	.00	.16	RU-106	<	5.30	
	FMP-SS-46-363D	1379796.24	482034.36	.00	.16	TH-232	=	5.00	.60
	FMP-SS-46-363D	1379796.24	482034.36	.00	.16	U-238	=	25.70	4.50
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	CS-137	<	.70	
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	RA-226	=	2.10	.70
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	RU-106	<	9.70	
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	TH-232	=	2.30	.80
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	U-238	=	89.90	12.70
	FMP-SS-46-365QC	1379664.31	481855.91	.00	.16	CS-137	<	1.20	
	FMP-SS-46-365QC	1379664.31	481855.91	.00	.16	RA-226	=	2.30	.80
	FMP-SS-46-365QC	1379664.31	481855.91	.00	.16	RU-106	<	14.70	
	FMP-SS-46-365QC	1379664.31	481855.91	.00	.16	TH-232	=	1.70	.60
	FMP-SS-46-365QC	1379664.31	481855.91	.00	.16	U-238	=	122.00	14.00
	FMP-SS-46-366	1379691.30	481855.17	.00	.16	CS-137	<	.60	
	FMP-SS-46-366	1379691.30	481855.17	.00	.16	RA-226	=	1.30	.40
	FMP-SS-46-366	1379691.30	481855.17	.00	.16	RU-106	<	14.60	
	FMP-SS-46-366	1379691.30	481855.17	.00	.16	TH-232	=	2.10	.90
	FMP-SS-46-366	1379691.30	481855.17	.00	.16	U-238	=	87.10	7.70
	FMP-SS-46-367	1379685.82	481874.32	.00	.16	CS-137	<	.90	
	FMP-SS-46-367	1379685.82	481874.32	.00	.16	RA-226	=	3.50	.60
	FMP-SS-46-367	1379685.82	481874.32	.00	.16	RU-106	<	5.80	
	FMP-SS-46-367	1379685.82	481874.32	.00	.16	TH-232	=	2.70	.70
	FMP-SS-46-367	1379685.82	481874.32	.00	.16	U-238	<	23.50	
	FMP-SS-46-368QC	1379685.82	481874.32	.00	.16	CS-137	<	.70	
	FMP-SS-46-368QC	1379685.82	481874.32	.00	.16	RA-226	=	4.20	.70
	FMP-SS-46-368QC	1379685.82	481874.32	.00	.16	RU-106	<	11.30	
	FMP-SS-46-368QC	1379685.82	481874.32	.00	.16	TH-232	=	3.40	.60
	FMP-SS-46-368QC	1379685.82	481874.32	.00	.16	U-238	=	14.20	4.20
	FMP-SS-46-369	1379715.11	481811.50	.00	.16	CS-137	=	.90	.50
	FMP-SS-46-369	1379715.11	481811.50	.00	.16	RA-226	=	1.10	.40
	FMP-SS-46-369	1379715.11	481811.50	.00	.16	RU-106	<	8.90	
	FMP-SS-46-369	1379715.11	481811.50	.00	.16	TH-232	=	.90	.70
	FMP-SS-46-369	1379715.11	481811.50	.00	.16	U-238	=	23.70	4.20
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	CS-137	<	.60	
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	RA-226	=	.80	.50
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	RU-106	<	5.80	
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	TH-232	=	5.50	.80

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-370	1379806.50	481714.96	.00	.16	U-238	=	12.60	4.70
	FMP-SS-46-371	1379825.33	481708.45	.00	.16	CS-137	<	1.10	
	FMP-SS-46-371	1379825.33	481708.45	.00	.16	RA-226	=	1.50	.40
	FMP-SS-46-371	1379825.33	481708.45	.00	.16	RU-106	<	9.40	
	FMP-SS-46-371	1379825.33	481708.45	.00	.16	TH-232	=	4.40	.80
	FMP-SS-46-371	1379825.33	481708.45	.00	.16	U-238	<	12.10	
	FMP-SS-46-372	1379784.78	481615.52	.00	.16	CS-137	<	.60	
	FMP-SS-46-372	1379784.78	481615.52	.00	.16	RA-226	=	1.20	.90
	FMP-SS-46-372	1379784.78	481615.52	.00	.16	RU-106	<	10.80	
	FMP-SS-46-372	1379784.78	481615.52	.00	.16	TH-232	=	.80	.40
	FMP-SS-46-372	1379784.78	481615.52	.00	.16	U-238	=	29.90	5.40
	FMP-SS-46-373	1379811.81	481908.89	.00	.16	CS-137	<	.50	
	FMP-SS-46-373	1379811.81	481908.89	.00	.16	RA-226	=	2.00	.40
	FMP-SS-46-373	1379811.81	481908.89	.00	.16	RU-106	<	7.10	
	FMP-SS-46-373	1379811.81	481908.89	.00	.16	TH-232	=	1.20	.70
	FMP-SS-46-373	1379811.81	481908.89	.00	.16	U-238	=	7.10	3.40
	FMP-SS-46-373D	1379811.81	481908.89	.00	.16	CS-137	<	.80	
	FMP-SS-46-373D	1379811.81	481908.89	.00	.16	RA-226	=	1.50	.40
	FMP-SS-46-373D	1379811.81	481908.89	.00	.16	RU-106	<	.70	
	FMP-SS-46-373D	1379811.81	481908.89	.00	.16	TH-232	=	.60	.20
	FMP-SS-46-373D	1379811.81	481908.89	.00	.16	U-238	<	13.70	
	FMP-SS-46-374	1379760.96	481878.27	.00	.16	CS-137	<	1.70	
	FMP-SS-46-374	1379760.96	481878.27	.00	.16	RA-226	=	1.20	.50
	FMP-SS-46-374	1379760.96	481878.27	.00	.16	RU-106	<	3.40	
	FMP-SS-46-374	1379760.96	481878.27	.00	.16	TH-232	<	.60	
	FMP-SS-46-374	1379760.96	481878.27	.00	.16	U-238	=	54.20	6.20
	FMP-SS-46-375QC	1379760.96	481878.27	.00	.16	CS-137	<	.10	
	FMP-SS-46-375QC	1379760.96	481878.27	.00	.16	RA-226	=	1.30	.50
	FMP-SS-46-375QC	1379760.96	481878.27	.00	.16	RU-106	<	8.70	
	FMP-SS-46-375QC	1379760.96	481878.27	.00	.16	TH-232	=	1.00	.50
	FMP-SS-46-375QC	1379760.96	481878.27	.00	.16	U-238	=	46.80	6.60
	FMP-SS-46-376	1379761.48	481897.26	.00	.16	CS-137	<	1.70	
	FMP-SS-46-376	1379761.48	481897.26	.00	.16	RA-226	<	2.90	
	FMP-SS-46-376	1379761.48	481897.26	.00	.16	RU-106	<	14.10	
	FMP-SS-46-376	1379761.48	481897.26	.00	.16	TH-232	=	.70	.50
	FMP-SS-46-376	1379761.48	481897.26	.00	.16	U-238	=	128.00	10.50
	FMP-SS-46-377	1379582.63	481540.02	.00	.16	CS-137	<	.60	
	FMP-SS-46-377	1379582.63	481540.02	.00	.16	RA-226	=	1.00	.90
	FMP-SS-46-377	1379582.63	481540.02	.00	.16	RU-106	<	10.70	
	FMP-SS-46-377	1379582.63	481540.02	.00	.16	TH-232	<	.60	
	FMP-SS-46-377	1379582.63	481540.02	.00	.16	U-238	=	29.90	5.40
	FMP-SS-46-378	1379760.11	481628.20	.00	.16	CS-137	<	.70	
	FMP-SS-46-378	1379760.11	481628.20	.00	.16	RA-226	=	1.00	.70

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-378	1379760.11	481628.20	.00	.16	RU-106	<	.80	
	FMP-SS-46-378	1379760.11	481628.20	.00	.16	TH-232	=	1.50	.80
	FMP-SS-46-378	1379760.11	481628.20	.00	.16	U-238	=	31.20	5.30
	FMP-SS-46-379	1379709.28	481598.58	.00	.16	CS-137	=	.60	.30
	FMP-SS-46-379	1379709.28	481598.58	.00	.16	RA-226	=	1.00	.50
	FMP-SS-46-379	1379709.28	481598.58	.00	.16	RU-106	<	18.90	
	FMP-SS-46-379	1379709.28	481598.58	.00	.16	TH-232	=	.80	.60
	FMP-SS-46-379	1379709.28	481598.58	.00	.16	U-238	=	31.70	7.50
	FMP-SS-46-380	1379627.11	481556.81	.00	.16	CS-137	<	.70	
	FMP-SS-46-380	1379627.11	481556.81	.00	.16	RA-226	=	.70	.60
	FMP-SS-46-380	1379627.11	481556.81	.00	.16	RU-106	<	10.50	
	FMP-SS-46-380	1379627.11	481556.81	.00	.16	TH-232	<	2.20	
	FMP-SS-46-380	1379627.11	481556.81	.00	.16	U-238	=	36.10	7.80
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	CS-137	<	2.00	
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	RA-226	<	5.70	
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	RU-106	<	17.20	
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	TH-232	=	14.70	6.30
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	U-238	=	543.00	23.00
	FMP-SS-46-382	1379826.87	481545.34	.00	.16	CS-137	<	1.10	
	FMP-SS-46-382	1379826.87	481545.34	.00	.16	RA-226	=	.70	.40
	FMP-SS-46-382	1379826.87	481545.34	.00	.16	RU-106	<	.90	
	FMP-SS-46-382	1379826.87	481545.34	.00	.16	TH-232	=	1.30	.60
	FMP-SS-46-382	1379826.87	481545.34	.00	.16	U-238	=	4.30	2.20
	FMP-SS-46-383	1379784.78	481615.52	.00	.16	CS-137	<	.10	
	FMP-SS-46-383	1379784.78	481615.52	.00	.16	RA-226	=	1.60	.50
	FMP-SS-46-383	1379784.78	481615.52	.00	.16	RU-106	<	.80	
	FMP-SS-46-383	1379784.78	481615.52	.00	.16	TH-232	=	.90	.70
	FMP-SS-46-383	1379784.78	481615.52	.00	.16	U-238	=	33.20	5.90
	FMP-SS-46-383D	1379784.78	481615.52	.00	.16	CS-137	<	1.00	
	FMP-SS-46-383D	1379784.78	481615.52	.00	.16	RA-226	=	1.20	.30
	FMP-SS-46-383D	1379784.78	481615.52	.00	.16	RU-106	<	8.50	
	FMP-SS-46-383D	1379784.78	481615.52	.00	.16	TH-232	=	1.30	.70
	FMP-SS-46-383D	1379784.78	481615.52	.00	.16	U-238	=	28.70	5.50
	FMP-SS-46-384	1379779.10	481846.76	.00	.16	CS-137	<	1.10	
	FMP-SS-46-384	1379779.10	481846.76	.00	.16	RA-226	=	1.90	.70
	FMP-SS-46-384	1379779.10	481846.76	.00	.16	RU-106	<	12.30	
	FMP-SS-46-384	1379779.10	481846.76	.00	.16	TH-232	=	3.20	.80
	FMP-SS-46-384	1379779.10	481846.76	.00	.16	U-238	=	132.00	12.00
	FMP-SS-46-385	1379802.56	481571.02	.00	.16	CS-137	<	.10	
	FMP-SS-46-385	1379802.56	481571.02	.00	.16	RA-226	<	3.00	
	FMP-SS-46-385	1379802.56	481571.02	.00	.16	RU-106	<	1.00	
	FMP-SS-46-385	1379802.56	481571.02	.00	.16	TH-232	=	1.60	.50
	FMP-SS-46-385	1379802.56	481571.02	.00	.16	U-238	=	15.60	4.30

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-386	1379623.68	481650.94	.00	.16	CS-137	=	.60	.50
	FMP-SS-46-386	1379623.68	481650.94	.00	.16	RA-226	=	.90	.30
	FMP-SS-46-386	1379623.68	481650.94	.00	.16	RU-106	<	10.50	
	FMP-SS-46-386	1379623.68	481650.94	.00	.16	TH-232	=	1.00	.70
	FMP-SS-46-386	1379623.68	481650.94	.00	.16	U-238	=	37.00	8.50
	FMP-SS-46-387	1379804.62	481645.99	.00	.16	CS-137	<	1.70	
	FMP-SS-46-387	1379804.62	481645.99	.00	.16	RA-226	=	.90	.40
	FMP-SS-46-387	1379804.62	481645.99	.00	.16	RU-106	<	13.10	
	FMP-SS-46-387	1379804.62	481645.99	.00	.16	TH-232	<	.50	
	FMP-SS-46-387	1379804.62	481645.99	.00	.16	U-238	=	15.90	4.00
	FMP-SS-46-388	1379785.46	481640.51	.00	.16	CS-137	=	.40	.20
	FMP-SS-46-388	1379785.46	481640.51	.00	.16	RA-226	<	.90	
	FMP-SS-46-388	1379785.46	481640.51	.00	.16	RU-106	<	12.30	
	FMP-SS-46-388	1379785.46	481640.51	.00	.16	TH-232	=	1.10	.50
	FMP-SS-46-388	1379785.46	481640.51	.00	.16	U-238	=	18.10	5.50
	FMP-SS-46-389	1379812.67	481720.80	.00	.16	CS-137	<	1.50	
	FMP-SS-46-389	1379812.67	481720.80	.00	.16	RA-226	=	1.20	.60
	FMP-SS-46-389	1379812.67	481720.80	.00	.16	RU-106	<	9.70	
	FMP-SS-46-389	1379812.67	481720.80	.00	.16	TH-232	=	3.70	.60
	FMP-SS-46-389	1379812.67	481720.80	.00	.16	U-238	=	6.40	3.50
	FMP-SS-46-390	1379790.93	481840.44	.00	.16	CS-137	=	.70	.30
	FMP-SS-46-390	1379790.93	481840.44	.00	.16	RA-226	=	1.90	.80
	FMP-SS-46-390	1379790.93	481840.44	.00	.16	RU-106	<	.90	
	FMP-SS-46-390	1379790.93	481840.44	.00	.16	TH-232	=	1.60	.30
	FMP-SS-46-390	1379790.93	481840.44	.00	.16	U-238	=	54.40	6.20
	FMP-SS-46-391	1379790.93	481840.44	.16	.50	CS-137	<	.60	
	FMP-SS-46-391	1379790.93	481840.44	.16	.50	RA-226	=	2.20	.60
	FMP-SS-46-391	1379790.93	481840.44	.16	.50	RU-106	<	11.40	
	FMP-SS-46-391	1379790.93	481840.44	.16	.50	TH-232	=	1.90	.40
	FMP-SS-46-391	1379790.93	481840.44	.16	.50	U-238	=	63.90	8.20
	FMP-SS-46-392	1379553.02	481371.77	.00	.16	CS-137	<	1.10	
	FMP-SS-46-392	1379553.02	481371.77	.00	.16	RA-226	<	3.70	
	FMP-SS-46-392	1379553.02	481371.77	.00	.16	RU-106	<	7.50	
	FMP-SS-46-392	1379553.02	481371.77	.00	.16	TH-232	=	1.70	1.00
	FMP-SS-46-392	1379553.02	481371.77	.00	.16	U-238	=	41.90	5.40
	FMP-SS-46-393D	1379553.02	481371.77	.00	.16	CS-137	=	.50	.40
	FMP-SS-46-393D	1379553.02	481371.77	.00	.16	RA-226	=	1.20	.80
	FMP-SS-46-393D	1379553.02	481371.77	.00	.16	RU-106	<	13.90	
	FMP-SS-46-393D	1379553.02	481371.77	.00	.16	TH-232	=	1.60	.60
	FMP-SS-46-393D	1379553.02	481371.77	.00	.16	U-238	=	40.90	9.00
	FMP-SS-46-393QC	1379553.02	481371.77	.00	.16	CS-137	<	.70	
	FMP-SS-46-393QC	1379553.02	481371.77	.00	.16	RA-226	<	3.90	
	FMP-SS-46-393QC	1379553.02	481371.77	.00	.16	RU-106	<	16.80	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-393QC	1379553.02	481371.77	.00	.16	TH-232	=	2.10	.70
	FMP-SS-46-393QC	1379553.02	481371.77	.00	.16	U-238	=	36.60	7.50
	FMP-SS-46-402	1379412.97	481956.82	.00	.16	CS-137	<	1.90	
	FMP-SS-46-402	1379412.97	481956.82	.00	.16	RA-226	=	1.30	.80
	FMP-SS-46-402	1379412.97	481956.82	.00	.16	RU-106	<	7.00	
	FMP-SS-46-402	1379412.97	481956.82	.00	.16	TH-232	=	1.90	.80
	FMP-SS-46-402	1379412.97	481956.82	.00	.16	U-238	=	193.00	9.20
	FMP-SS-46-403	1379412.97	481956.82	.16	.50	CS-137	<	1.50	
	FMP-SS-46-403	1379412.97	481956.82	.16	.50	RA-226	<	1.40	
	FMP-SS-46-403	1379412.97	481956.82	.16	.50	RU-106	<	11.40	
	FMP-SS-46-403	1379412.97	481956.82	.16	.50	TH-232	=	1.60	1.00
	FMP-SS-46-403	1379412.97	481956.82	.16	.50	U-238	=	182.00	9.00
	FMP-SS-46-405	1379443.80	481949.97	.00	.16	CS-137	=	.90	.30
	FMP-SS-46-405	1379443.80	481949.97	.00	.16	RA-226	=	1.30	.60
	FMP-SS-46-405	1379443.80	481949.97	.00	.16	RU-106	<	6.30	
	FMP-SS-46-405	1379443.80	481949.97	.00	.16	TH-232	=	1.50	.70
	FMP-SS-46-405	1379443.80	481949.97	.00	.16	U-238	=	47.50	7.50
	FMP-SS-46-406	1379406.81	481950.99	.00	.16	CS-137	<	.70	
	FMP-SS-46-406	1379406.81	481950.99	.00	.16	RA-226	=	.90	.70
	FMP-SS-46-406	1379406.81	481950.99	.00	.16	RU-106	<	1.40	
	FMP-SS-46-406	1379406.81	481950.99	.00	.16	TH-232	=	1.40	.50
	FMP-SS-46-406	1379406.81	481950.99	.00	.16	U-238	=	53.70	6.10
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	CS-137	<	1.80	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	RA-226	<	3.00	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	RU-106	<	7.70	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	TH-232	=	1.70	1.30
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	U-238	=	288.00	11.00
	FMP-SS-46-408	1379445.33	482005.95	.00	.16	CS-137	<	.40	
	FMP-SS-46-408	1379445.33	482005.95	.00	.16	RA-226	<	2.50	
	FMP-SS-46-408	1379445.33	482005.95	.00	.16	RU-106	<	8.30	
	FMP-SS-46-408	1379445.33	482005.95	.00	.16	TH-232	=	1.60	.70
	FMP-SS-46-408	1379445.33	482005.95	.00	.16	U-238	=	98.60	6.70
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	CS-137	<	1.70	
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	RA-226	=	4.70	.90
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	RU-106	<	12.50	
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	TH-232	=	11.60	1.00
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	U-238	=	118.00	8.60
	FMP-SS-46-410	1379277.23	482004.55	.00	.16	CS-137	<	.70	
	FMP-SS-46-410	1379277.23	482004.55	.00	.16	RA-226	<	1.40	
	FMP-SS-46-410	1379277.23	482004.55	.00	.16	RU-106	<	9.40	
	FMP-SS-46-410	1379277.23	482004.55	.00	.16	TH-232	=	1.30	.70
	FMP-SS-46-410	1379277.23	482004.55	.00	.16	U-238	=	134.00	8.00
	FMP-SS-46-411	1379317.83	481916.41	.00	.16	CS-137	<	1.80	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-411	1379317.83	481916.41	.00	.16	RA-226	=	.90	.60
	FMP-SS-46-411	1379317.83	481916.41	.00	.16	RU-106	<	12.30	
	FMP-SS-46-411	1379317.83	481916.41	.00	.16	TH-232	=	.90	.40
	FMP-SS-46-411	1379317.83	481916.41	.00	.16	U-238	=	49.00	5.00
	FMP-SS-46-412	1379405.96	481920.00	.00	.16	CS-137	<	.60	
	FMP-SS-46-412	1379405.96	481920.00	.00	.16	RA-226	=	.60	.40
	FMP-SS-46-412	1379405.96	481920.00	.00	.16	RU-106	<	4.30	
	FMP-SS-46-412	1379405.96	481920.00	.00	.16	TH-232	=	1.70	.40
	FMP-SS-46-412	1379405.96	481920.00	.00	.16	U-238	=	39.60	4.70
	FMP-SS-46-414	1379524.40	481897.75	.00	.16	CS-137	<	.90	
	FMP-SS-46-414	1379524.40	481897.75	.00	.16	RA-226	<	4.00	
	FMP-SS-46-414	1379524.40	481897.75	.00	.16	RU-106	<	9.10	
	FMP-SS-46-414	1379524.40	481897.75	.00	.16	TH-232	<	3.80	
	FMP-SS-46-414	1379524.40	481897.75	.00	.16	U-238	=	371.00	16.00
	FMP-SS-46-419	1379834.40	481820.24	.00	.16	CS-137	<	1.40	
	FMP-SS-46-419	1379834.40	481820.24	.00	.16	RA-226	=	1.00	.70
	FMP-SS-46-419	1379834.40	481820.24	.00	.16	RU-106	<	.80	
	FMP-SS-46-419	1379834.40	481820.24	.00	.16	TH-232	=	1.40	.50
	FMP-SS-46-419	1379834.40	481820.24	.00	.16	U-238	=	17.70	6.10
	FMP-SS-46-420	1379586.54	481902.05	.00	.16	CS-137	<	1.10	
	FMP-SS-46-420	1379586.54	481902.05	.00	.16	RA-226	<	1.20	
	FMP-SS-46-420	1379586.54	481902.05	.00	.16	RU-106	<	12.60	
	FMP-SS-46-420	1379586.54	481902.05	.00	.16	TH-232	=	1.00	.80
	FMP-SS-46-420	1379586.54	481902.05	.00	.16	U-238	=	22.50	8.50
	FMP-SS-46-422	1379492.06	481885.63	.00	.16	CS-137	<	1.80	
	FMP-SS-46-422	1379492.06	481885.63	.00	.16	RA-226	=	1.40	1.00
	FMP-SS-46-422	1379492.06	481885.63	.00	.16	RU-106	<	13.00	
	FMP-SS-46-422	1379492.06	481885.63	.00	.16	TH-232	<	1.20	
	FMP-SS-46-422	1379492.06	481885.63	.00	.16	U-238	=	134.00	10.00
	FMP-SS-46-423	1379837.13	482139.28	.00	.16	CS-137	<	1.10	
	FMP-SS-46-423	1379837.13	482139.28	.00	.16	RA-226	=	1.70	.50
	FMP-SS-46-423	1379837.13	482139.28	.00	.16	RU-106	<	18.80	
	FMP-SS-46-423	1379837.13	482139.28	.00	.16	TH-232	=	1.40	.90
	FMP-SS-46-423	1379837.13	482139.28	.00	.16	U-238	=	54.90	11.00
	FMP-SS-46-423D	1379837.13	482139.28	.00	.16	CS-137	<	1.20	
	FMP-SS-46-423D	1379837.13	482139.28	.00	.16	RA-226	=	1.50	.50
	FMP-SS-46-423D	1379837.13	482139.28	.00	.16	RU-106	<	14.40	
	FMP-SS-46-423D	1379837.13	482139.28	.00	.16	TH-232	=	1.80	.50
	FMP-SS-46-423D	1379837.13	482139.28	.00	.16	U-238	=	44.60	4.80
	FMP-SS-46-424	1379268.00	481886.76	.00	.16	CS-137	<	1.50	
	FMP-SS-46-424	1379268.00	481886.76	.00	.16	RA-226	<	2.20	
	FMP-SS-46-424	1379268.00	481886.76	.00	.16	RU-106	<	14.40	
	FMP-SS-46-424	1379268.00	481886.76	.00	.16	TH-232	<	6.50	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-424	1379268.00	481886.76	.00	.16	U-238	=	366.00	14.00
	FMP-SS-46-425	1379408.18	482000.97	.00	.16	CS-137	<	.90	
	FMP-SS-46-425	1379408.18	482000.97	.00	.16	RA-226	<	.90	
	FMP-SS-46-425	1379408.18	482000.97	.00	.16	RU-106	<	4.60	
	FMP-SS-46-425	1379408.18	482000.97	.00	.16	TH-232	=	.90	.60
	FMP-SS-46-425	1379408.18	482000.97	.00	.16	U-238	=	77.40	5.40
	FMP-SS-46-426	1379339.04	481996.86	.00	.16	CS-137	<	.40	
	FMP-SS-46-426	1379339.04	481996.86	.00	.16	RA-226	<	2.80	
	FMP-SS-46-426	1379339.04	481996.86	.00	.16	RU-106	<	3.50	
	FMP-SS-46-426	1379339.04	481996.86	.00	.16	TH-232	=	.60	.30
	FMP-SS-46-426	1379339.04	481996.86	.00	.16	U-238	=	55.80	4.90
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	CS-137	<	1.10	
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	RA-226	<	2.60	
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	RU-106	<	10.70	
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	TH-232	=	3.00	1.10
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	U-238	=	389.00	14.00
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	CS-137	<	2.40	
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	RA-226	=	2.30	.80
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	RU-106	<	18.50	
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	TH-232	=	3.90	.90
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	U-238	=	104.00	8.30
	FMP-SS-46-429	1379163.27	481751.58	.00	.16	CS-137	<	1.30	
	FMP-SS-46-429	1379163.27	481751.58	.00	.16	RA-226	=	1.10	.80
	FMP-SS-46-429	1379163.27	481751.58	.00	.16	RU-106	<	7.20	
	FMP-SS-46-429	1379163.27	481751.58	.00	.16	TH-232	=	1.70	1.00
	FMP-SS-46-429	1379163.27	481751.58	.00	.16	U-238	=	166.00	8.60
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	CS-137	<	1.30	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	RA-226	<	2.40	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	RU-106	<	21.10	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	TH-232	=	2.30	.90
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	U-238	=	218.00	13.00
	FMP-SS-46-431QC	1379291.76	481841.09	.00	.16	CS-137	<	2.00	
	FMP-SS-46-431QC	1379291.76	481841.09	.00	.16	RA-226	<	1.70	
	FMP-SS-46-431QC	1379291.76	481841.09	.00	.16	RU-106	<	22.20	
	FMP-SS-46-431QC	1379291.76	481841.09	.00	.16	TH-232	<	4.50	
	FMP-SS-46-431QC	1379291.76	481841.09	.00	.16	U-238	=	236.00	13.00
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	CS-137	<	1.20	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	RA-226	<	5.40	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	RU-106	<	12.70	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	TH-232	<	1.10	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	U-238	=	362.00	16.00
	FMP-SS-46-434	1379183.61	481800.54	.16	.50	CS-137	<	2.10	
	FMP-SS-46-434	1379183.61	481800.54	.16	.50	RA-226	<	3.80	

ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-434	1379183.61	481800.54	.16	.50	RU-106	<	31.50	
	FMP-SS-46-434	1379183.61	481800.54	.16	.50	TH-232	<	10.10	
	FMP-SS-46-434	1379183.61	481800.54	.16	.50	U-238	=	270.00	14.00
	FMP-SS-46-435	1379226.57	481761.85	.16	.50	CS-137	<	2.40	
	FMP-SS-46-435	1379226.57	481761.85	.16	.50	RA-226	<	5.40	
	FMP-SS-46-435	1379226.57	481761.85	.16	.50	RU-106	<	13.60	
	FMP-SS-46-435	1379226.57	481761.85	.16	.50	TH-232	=	3.40	.90
	FMP-SS-46-435	1379226.57	481761.85	.16	.50	U-238	=	275.00	13.00
	FMP-SS-46-436	1379240.29	481824.50	.16	.50	CS-137	<	.90	
	FMP-SS-46-436	1379240.29	481824.50	.16	.50	RA-226	=	1.10	.90
	FMP-SS-46-436	1379240.29	481824.50	.16	.50	RU-106	<	12.60	
	FMP-SS-46-436	1379240.29	481824.50	.16	.50	TH-232	=	.60	.30
	FMP-SS-46-436	1379240.29	481824.50	.16	.50	U-238	=	35.30	4.60
	FMP-SS-46-437	1379253.61	481836.14	.16	.50	CS-137	<	1.80	
	FMP-SS-46-437	1379253.61	481836.14	.16	.50	RA-226	<	2.70	
	FMP-SS-46-437	1379253.61	481836.14	.16	.50	RU-106	<	7.00	
	FMP-SS-46-437	1379253.61	481836.14	.16	.50	TH-232	=	1.10	.80
	FMP-SS-46-437	1379253.61	481836.14	.16	.50	U-238	=	146.00	11.00
	FMP-SS-46-438	1379057.48	481541.39	.16	.50	CS-137	<	1.20	
	FMP-SS-46-438	1379057.48	481541.39	.16	.50	RA-226	=	1.10	.40
	FMP-SS-46-438	1379057.48	481541.39	.16	.50	RU-106	<	19.20	
	FMP-SS-46-438	1379057.48	481541.39	.16	.50	TH-232	=	1.80	.80
	FMP-SS-46-438	1379057.48	481541.39	.16	.50	U-238	=	194.00	12.00
	FMP-SS-46-440	1379045.48	481541.72	.00	.16	CS-137	<	2.20	
	FMP-SS-46-440	1379045.48	481541.72	.00	.16	RA-226	<	3.50	
	FMP-SS-46-440	1379045.48	481541.72	.00	.16	RU-106	<	7.50	
	FMP-SS-46-440	1379045.48	481541.72	.00	.16	TH-232	=	2.50	.90
	FMP-SS-46-440	1379045.48	481541.72	.00	.16	U-238	=	373.00	14.00
	FMP-SS-46-441	1379219.90	481993.12	.00	.16	CS-137	<	1.20	
	FMP-SS-46-441	1379219.90	481993.12	.00	.16	RA-226	<	1.30	
	FMP-SS-46-441	1379219.90	481993.12	.00	.16	RU-106	<	7.90	
	FMP-SS-46-441	1379219.90	481993.12	.00	.16	TH-232	<	2.20	
	FMP-SS-46-441	1379219.90	481993.12	.00	.16	U-238	=	94.30	7.30
	FMP-SS-46-442	1379195.94	482031.79	.00	.16	CS-137	<	2.00	
	FMP-SS-46-442	1379195.94	482031.79	.00	.16	RA-226	<	3.50	
	FMP-SS-46-442	1379195.94	482031.79	.00	.16	RU-106	<	13.00	
	FMP-SS-46-442	1379195.94	482031.79	.00	.16	TH-232	<	3.00	
	FMP-SS-46-442	1379195.94	482031.79	.00	.16	U-238	=	162.00	10.00
	FMP-SS-46-443	1379114.45	482015.01	.00	.16	CS-137	<	1.10	
	FMP-SS-46-443	1379114.45	482015.01	.00	.16	RA-226	<	3.80	
	FMP-SS-46-443	1379114.45	482015.01	.00	.16	RU-106	<	7.60	
	FMP-SS-46-443	1379114.45	482015.01	.00	.16	TH-232	=	1.60	.90
	FMP-SS-46-443	1379114.45	482015.01	.00	.16	U-238	=	299.00	11.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-443D	1379114.45	482015.01	.00	.16	CS-137	<	1.70	
	FMP-SS-46-443D	1379114.45	482015.01	.00	.16	RA-226	<	1.30	
	FMP-SS-46-443D	1379114.45	482015.01	.00	.16	RU-106	<	10.40	
	FMP-SS-46-443D	1379114.45	482015.01	.00	.16	TH-232	<	2.50	
	FMP-SS-46-443D	1379114.45	482015.01	.00	.16	U-238	=	305.00	12.00
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	CS-137	<	1.30	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	RA-226	=	1.00	.80
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	RU-106	<	8.80	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	TH-232	=	1.60	.90
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	U-238	=	125.00	7.00
	FMP-SS-46-445	1379094.45	481978.54	.00	.16	CS-137	<	.90	
	FMP-SS-46-445	1379094.45	481978.54	.00	.16	RA-226	<	1.80	
	FMP-SS-46-445	1379094.45	481978.54	.00	.16	RU-106	<	14.00	
	FMP-SS-46-445	1379094.45	481978.54	.00	.16	TH-232	=	2.00	.90
	FMP-SS-46-445	1379094.45	481978.54	.00	.16	U-238	=	135.00	8.00
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	CS-137	<	.80	
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	RA-226	=	.90	.50
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	RU-106	<	6.30	
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	TH-232	=	1.40	.70
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	U-238	=	35.40	4.40
	FMP-SS-46-447	1379070.47	482016.21	.16	.50	CS-137	<	.60	
	FMP-SS-46-447	1379070.47	482016.21	.16	.50	RA-226	=	1.20	.40
	FMP-SS-46-447	1379070.47	482016.21	.16	.50	RU-106	<	5.60	
	FMP-SS-46-447	1379070.47	482016.21	.16	.50	TH-232	=	1.00	.40
	FMP-SS-46-447	1379070.47	482016.21	.16	.50	U-238	=	11.30	5.00
	FMP-SS-46-448	1379044.33	481974.91	.00	.16	CS-137	<	1.90	
	FMP-SS-46-448	1379044.33	481974.91	.00	.16	RA-226	<	3.50	
	FMP-SS-46-448	1379044.33	481974.91	.00	.16	RU-106	<	12.10	
	FMP-SS-46-448	1379044.33	481974.91	.00	.16	TH-232	=	.40	.30
	FMP-SS-46-448	1379044.33	481974.91	.00	.16	U-238	=	262.00	10.40
	FMP-SS-46-449	1379195.94	482031.79	.16	.50	CS-137	=	.60	.20
	FMP-SS-46-449	1379195.94	482031.79	.16	.50	RA-226	=	1.10	.40
	FMP-SS-46-449	1379195.94	482031.79	.16	.50	RU-106	<	7.00	
	FMP-SS-46-449	1379195.94	482031.79	.16	.50	TH-232	=	.90	.20
	FMP-SS-46-449	1379195.94	482031.79	.16	.50	U-238	=	30.10	5.00
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	CS-137	<	2.00	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	RA-226	<	4.30	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	RU-106	<	19.60	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	TH-232	=	5.40	1.00
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	U-238	=	408.00	14.00
	FMP-SS-46-451QC	1379270.97	481483.53	.00	.16	CS-137	<	2.30	
	FMP-SS-46-451QC	1379270.97	481483.53	.00	.16	RA-226	<	2.10	
	FMP-SS-46-451QC	1379270.97	481483.53	.00	.16	RU-106	<	20.00	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-451QC	1379270.97	481483.53	.00	.16	TH-232	=	4.60	1.20
	FMP-SS-46-451QC	1379270.97	481483.53	.00	.16	U-238	=	373.00	13.00
	FMP-SS-46-452	1378805.19	481461.26	.00	.16	CS-137	<	.60	
	FMP-SS-46-452	1378805.19	481461.26	.00	.16	RA-226	=	1.30	.50
	FMP-SS-46-452	1378805.19	481461.26	.00	.16	RU-106	<	6.40	
	FMP-SS-46-452	1378805.19	481461.26	.00	.16	TH-232	<	2.00	
	FMP-SS-46-452	1378805.19	481461.26	.00	.16	U-238	=	100.00	8.00
	FMP-SS-46-453D	1378805.19	481461.26	.00	.16	CS-137	<	.70	
	FMP-SS-46-453D	1378805.19	481461.26	.00	.16	RA-226	=	.60	.40
	FMP-SS-46-453D	1378805.19	481461.26	.00	.16	RU-106	<	4.70	
	FMP-SS-46-453D	1378805.19	481461.26	.00	.16	TH-232	=	1.10	.60
	FMP-SS-46-453D	1378805.19	481461.26	.00	.16	U-238	=	91.10	6.00
	FMP-SS-46-453QC	1378805.19	481461.26	.00	.16	CS-137	<	.10	
	FMP-SS-46-453QC	1378805.19	481461.26	.00	.16	RA-226	<	2.90	
	FMP-SS-46-453QC	1378805.19	481461.26	.00	.16	RU-106	<	11.80	
	FMP-SS-46-453QC	1378805.19	481461.26	.00	.16	TH-232	=	1.10	.60
	FMP-SS-46-453QC	1378805.19	481461.26	.00	.16	U-238	=	85.70	6.10
	FMP-SS-46-454	1378786.32	481429.77	.00	.16	CS-137	<	1.40	
	FMP-SS-46-454	1378786.32	481429.77	.00	.16	RA-226	<	2.60	
	FMP-SS-46-454	1378786.32	481429.77	.00	.16	RU-106	<	7.10	
	FMP-SS-46-454	1378786.32	481429.77	.00	.16	TH-232	=	1.30	.80
	FMP-SS-46-454	1378786.32	481429.77	.00	.16	U-238	=	151.00	11.00
	FMP-SS-46-455	1378748.77	481446.80	.00	.16	CS-137	<	5.00	
	FMP-SS-46-455	1378748.77	481446.80	.00	.16	RA-226	<	5.40	
	FMP-SS-46-455	1378748.77	481446.80	.00	.16	RU-106	<	5.10	
	FMP-SS-46-455	1378748.77	481446.80	.00	.16	TH-232	<	18.90	
	FMP-SS-46-455	1378748.77	481446.80	.00	.16	U-238	=	1260.00	36.00
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	CS-137	=	1.10	.40
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	RA-226	=	2.00	.70
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	RU-106	<	8.90	
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	TH-232	=	1.30	.70
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	U-238	=	22.10	6.40
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	CS-137	<	2.10	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	RA-226	<	3.90	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	RU-106	<	19.20	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	TH-232	<	8.20	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	U-238	=	108.00	11.00
	FMP-SS-46-458	1379403.04	481813.04	.00	.16	CS-137	<	1.90	
	FMP-SS-46-458	1379403.04	481813.04	.00	.16	RA-226	<	1.80	
	FMP-SS-46-458	1379403.04	481813.04	.00	.16	RU-106	<	8.10	
	FMP-SS-46-458	1379403.04	481813.04	.00	.16	TH-232	<	5.30	
	FMP-SS-46-458	1379403.04	481813.04	.00	.16	U-238	=	479.00	15.00
	FMP-SS-46-459	1379459.70	481836.50	.00	.16	CS-137	<	1.20	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-459	1379459.70	481836.50	.00	.16	RA-226	<	2.70	
	FMP-SS-46-459	1379459.70	481836.50	.00	.16	RU-106	<	9.50	
	FMP-SS-46-459	1379459.70	481836.50	.00	.16	TH-232	<	.50	
	FMP-SS-46-459	1379459.70	481836.50	.00	.16	U-238	=	72.60	11.00
	FMP-SS-46-460	1379497.21	481854.48	.00	.16	CS-137	<	1.90	
	FMP-SS-46-460	1379497.21	481854.48	.00	.16	RA-226	=	1.20	.80
	FMP-SS-46-460	1379497.21	481854.48	.00	.16	RU-106	<	15.90	
	FMP-SS-46-460	1379497.21	481854.48	.00	.16	TH-232	=	1.50	.90
	FMP-SS-46-460	1379497.21	481854.48	.00	.16	U-238	=	84.70	9.00
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	CS-137	<	1.20	
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	RA-226	<	1.90	
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	RU-106	<	4.50	
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	TH-232	=	4.90	1.50
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	U-238	=	132.00	11.00
	FMP-SS-46-462	1379409.91	481844.86	.00	.16	CS-137	<	.70	
	FMP-SS-46-462	1379409.91	481844.86	.00	.16	RA-226	<	4.40	
	FMP-SS-46-462	1379409.91	481844.86	.00	.16	RU-106	<	14.30	
	FMP-SS-46-462	1379409.91	481844.86	.00	.16	TH-232	<	.50	
	FMP-SS-46-462	1379409.91	481844.86	.00	.16	U-238	=	88.10	8.80
	FMP-SS-46-464	1379328.09	481816.09	.00	.16	CS-137	<	.80	
	FMP-SS-46-464	1379328.09	481816.09	.00	.16	RA-226	<	1.40	
	FMP-SS-46-464	1379328.09	481816.09	.00	.16	RU-106	<	3.90	
	FMP-SS-46-464	1379328.09	481816.09	.00	.16	TH-232	<	2.90	
	FMP-SS-46-464	1379328.09	481816.09	.00	.16	U-238	=	174.00	15.00
	FMP-SS-46-465	1379308.58	481797.62	.00	.16	CS-137	<	1.10	
	FMP-SS-46-465	1379308.58	481797.62	.00	.16	RA-226	<	3.50	
	FMP-SS-46-465	1379308.58	481797.62	.00	.16	RU-106	<	7.60	
	FMP-SS-46-465	1379308.58	481797.62	.00	.16	TH-232	=	1.50	.60
	FMP-SS-46-465	1379308.58	481797.62	.00	.16	U-238	=	205.00	15.00
	FMP-SS-46-466	1379379.61	481870.70	.00	.16	CS-137	<	1.60	
	FMP-SS-46-466	1379379.61	481870.70	.00	.16	RA-226	<	1.30	
	FMP-SS-46-466	1379379.61	481870.70	.00	.16	RU-106	<	9.10	
	FMP-SS-46-466	1379379.61	481870.70	.00	.16	TH-232	<	2.30	
	FMP-SS-46-466	1379379.61	481870.70	.00	.16	U-238	=	274.00	18.00
	FMP-SS-46-467	1379277.24	481785.47	.16	.50	CS-137	<	.70	
	FMP-SS-46-467	1379277.24	481785.47	.16	.50	RA-226	<	2.70	
	FMP-SS-46-467	1379277.24	481785.47	.16	.50	RU-106	<	4.00	
	FMP-SS-46-467	1379277.24	481785.47	.16	.50	TH-232	=	1.60	.60
	FMP-SS-46-467	1379277.24	481785.47	.16	.50	U-238	=	75.10	7.00
	FMP-SS-46-468	1379250.71	481730.18	.16	.50	CS-137	<	1.50	
	FMP-SS-46-468	1379250.71	481730.18	.16	.50	RA-226	=	1.20	.90
	FMP-SS-46-468	1379250.71	481730.18	.16	.50	RU-106	<	7.50	
	FMP-SS-46-468	1379250.71	481730.18	.16	.50	TH-232	=	.80	.60

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-468	1379250.71	481730.18	.16	.50	U-238	=	43.40	16.00
	FMP-SS-46-469	1379239.05	481742.50	.00	.16	CS-137	<	.60	
	FMP-SS-46-469	1379239.05	481742.50	.00	.16	RA-226	<	2.30	
	FMP-SS-46-469	1379239.05	481742.50	.00	.16	RU-106	<	8.30	
	FMP-SS-46-469	1379239.05	481742.50	.00	.16	TH-232	=	3.60	.70
	FMP-SS-46-469	1379239.05	481742.50	.00	.16	U-238	=	119.00	8.20
	FMP-SS-46-470	1379262.02	481704.86	.00	.16	CS-137	<	1.00	
	FMP-SS-46-470	1379262.02	481704.86	.00	.16	RA-226	=	1.10	.60
	FMP-SS-46-470	1379262.02	481704.86	.00	.16	RU-106	<	9.00	
	FMP-SS-46-470	1379262.02	481704.86	.00	.16	TH-232	=	1.30	.60
	FMP-SS-46-470	1379262.02	481704.86	.00	.16	U-238	=	77.60	8.00
	FMP-SS-46-473	1379230.19	481674.72	.00	.16	CS-137	<	.90	
	FMP-SS-46-473	1379230.19	481674.72	.00	.16	RA-226	=	.70	.50
	FMP-SS-46-473	1379230.19	481674.72	.00	.16	RU-106	<	5.70	
	FMP-SS-46-473	1379230.19	481674.72	.00	.16	TH-232	=	.90	.50
	FMP-SS-46-473	1379230.19	481674.72	.00	.16	U-238	=	38.10	4.90
	FMP-SS-46-473D	1379230.19	481674.72	.00	.16	CS-137	<	.90	
	FMP-SS-46-473D	1379230.19	481674.72	.00	.16	RA-226	<	2.40	
	FMP-SS-46-473D	1379230.19	481674.72	.00	.16	RU-106	<	3.50	
	FMP-SS-46-473D	1379230.19	481674.72	.00	.16	TH-232	<	2.90	
	FMP-SS-46-473D	1379230.19	481674.72	.00	.16	U-238	=	37.20	6.20
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	CS-137	<	3.50	
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	RA-226	<	5.10	
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	RU-106	<	42.00	
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	TH-232	=	17.50	3.00
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	U-238	=	1790.00	47.00
	FMP-SS-46-475	1379395.56	481832.25	.00	.16	CS-137	=	.70	.50
	FMP-SS-46-475	1379395.56	481832.25	.00	.16	RA-226	<	2.40	
	FMP-SS-46-475	1379395.56	481832.25	.00	.16	RU-106	<	15.90	
	FMP-SS-46-475	1379395.56	481832.25	.00	.16	TH-232	=	1.20	.70
	FMP-SS-46-475	1379395.56	481832.25	.00	.16	U-238	=	79.90	8.00
	FMP-SS-46-476	1379289.88	481772.12	.00	.16	CS-137	<	1.40	
	FMP-SS-46-476	1379289.88	481772.12	.00	.16	RA-226	=	1.10	.80
	FMP-SS-46-476	1379289.88	481772.12	.00	.16	RU-106	<	4.50	
	FMP-SS-46-476	1379289.88	481772.12	.00	.16	TH-232	=	1.00	.70
	FMP-SS-46-476	1379289.88	481772.12	.00	.16	U-238	=	121.00	10.00
	FMP-SS-46-477	1378702.82	481376.03	.00	.16	CS-137	<	2.20	
	FMP-SS-46-477	1378702.82	481376.03	.00	.16	RA-226	=	1.30	.80
	FMP-SS-46-477	1378702.82	481376.03	.00	.16	RU-106	<	12.50	
	FMP-SS-46-477	1378702.82	481376.03	.00	.16	TH-232	=	2.00	1.00
	FMP-SS-46-477	1378702.82	481376.03	.00	.16	U-238	=	202.00	13.00
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	CS-137	<	1.70	
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	RA-226	=	2.00	.90

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-478	1378717.27	481355.63	.00	.16	RU-106	<	6.70	
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	TH-232	=	2.00	.90
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	U-238	=	424.00	18.00
	FMP-SS-46-479QC	1378717.27	481355.63	.00	.16	CS-137	<	1.90	
	FMP-SS-46-479QC	1378717.27	481355.63	.00	.16	RA-226	=	1.80	.60
	FMP-SS-46-479QC	1378717.27	481355.63	.00	.16	RU-106	<	10.20	
	FMP-SS-46-479QC	1378717.27	481355.63	.00	.16	TH-232	<	4.40	
	FMP-SS-46-479QC	1378717.27	481355.63	.00	.16	U-238	=	435.00	18.00
	FMP-SS-46-481	1378753.32	481393.66	.00	.16	CS-137	<	1.60	
	FMP-SS-46-481	1378753.32	481393.66	.00	.16	RA-226	<	4.00	
	FMP-SS-46-481	1378753.32	481393.66	.00	.16	RU-106	<	6.60	
	FMP-SS-46-481	1378753.32	481393.66	.00	.16	TH-232	=	2.90	1.00
	FMP-SS-46-481	1378753.32	481393.66	.00	.16	U-238	=	243.00	16.00
	FMP-SS-46-482QC	1378753.32	481393.66	.00	.16	CS-137	=	.70	.40
	FMP-SS-46-482QC	1378753.32	481393.66	.00	.16	RA-226	<	3.40	
	FMP-SS-46-482QC	1378753.32	481393.66	.00	.16	RU-106	<	27.60	
	FMP-SS-46-482QC	1378753.32	481393.66	.00	.16	TH-232	<	6.30	
	FMP-SS-46-482QC	1378753.32	481393.66	.00	.16	U-238	=	223.00	15.00
	FMP-SS-46-483	1378789.09	481311.65	.00	.16	CS-137	<	2.40	
	FMP-SS-46-483	1378789.09	481311.65	.00	.16	RA-226	<	1.40	
	FMP-SS-46-483	1378789.09	481311.65	.00	.16	RU-106	<	7.50	
	FMP-SS-46-483	1378789.09	481311.65	.00	.16	TH-232	=	2.90	1.20
	FMP-SS-46-483	1378789.09	481311.65	.00	.16	U-238	=	147.00	13.00
	FMP-SS-46-483D	1378789.09	481311.65	.00	.16	CS-137	=	.80	.30
	FMP-SS-46-483D	1378789.09	481311.65	.00	.16	RA-226	=	1.70	.90
	FMP-SS-46-483D	1378789.09	481311.65	.00	.16	RU-106	<	14.80	
	FMP-SS-46-483D	1378789.09	481311.65	.00	.16	TH-232	=	2.10	.80
	FMP-SS-46-483D	1378789.09	481311.65	.00	.16	U-238	=	150.00	12.00
	FMP-SS-46-484	1378676.62	481332.73	.00	.16	CS-137	<	1.00	
	FMP-SS-46-484	1378676.62	481332.73	.00	.16	RA-226	=	1.50	.70
	FMP-SS-46-484	1378676.62	481332.73	.00	.16	RU-106	<	12.30	
	FMP-SS-46-484	1378676.62	481332.73	.00	.16	TH-232	<	4.70	
	FMP-SS-46-484	1378676.62	481332.73	.00	.16	U-238	=	174.00	16.00
	FMP-SS-46-485	1378652.15	481352.41	.00	.16	CS-137	=	1.00	.80
	FMP-SS-46-485	1378652.15	481352.41	.00	.16	RA-226	<	2.40	
	FMP-SS-46-485	1378652.15	481352.41	.00	.16	RU-106	<	19.20	
	FMP-SS-46-485	1378652.15	481352.41	.00	.16	TH-232	=	.90	.60
	FMP-SS-46-485	1378652.15	481352.41	.00	.16	U-238	=	95.80	11.00
	FMP-SS-46-486QC	1378652.15	481352.41	.00	.16	CS-137	<	.90	
	FMP-SS-46-486QC	1378652.15	481352.41	.00	.16	RA-226	<	4.30	
	FMP-SS-46-486QC	1378652.15	481352.41	.00	.16	RU-106	<	6.50	
	FMP-SS-46-486QC	1378652.15	481352.41	.00	.16	TH-232	=	1.80	1.00
	FMP-SS-46-486QC	1378652.15	481352.41	.00	.16	U-238	=	101.00	21.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-487	1378652.84	481377.40	.00	.16	CS-137	<	2.20	
	FMP-SS-46-487	1378652.84	481377.40	.00	.16	RA-226	=	2.30	1.20
	FMP-SS-46-487	1378652.84	481377.40	.00	.16	RU-106	<	7.70	
	FMP-SS-46-487	1378652.84	481377.40	.00	.16	TH-232	=	8.10	1.10
	FMP-SS-46-487	1378652.84	481377.40	.00	.16	U-238	=	66.90	9.00
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	CS-137	=	1.10	.60
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	RA-226	=	2.60	1.30
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	RU-106	<	10.70	
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	TH-232	=	6.00	1.30
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	U-238	=	50.00	9.20
	FMP-SS-46-489	1378706.51	481510.98	.00	.16	CS-137	<	.70	
	FMP-SS-46-489	1378706.51	481510.98	.00	.16	RA-226	<	1.80	
	FMP-SS-46-489	1378706.51	481510.98	.00	.16	RU-106	<	12.50	
	FMP-SS-46-489	1378706.51	481510.98	.00	.16	TH-232	=	2.50	.80
	FMP-SS-46-489	1378706.51	481510.98	.00	.16	U-238	=	210.00	15.00
	FMP-SS-46-490QC	1378706.51	481510.98	.00	.16	CS-137	<	1.20	
	FMP-SS-46-490QC	1378706.51	481510.98	.00	.16	RA-226	<	3.60	
	FMP-SS-46-490QC	1378706.51	481510.98	.00	.16	RU-106	<	10.50	
	FMP-SS-46-490QC	1378706.51	481510.98	.00	.16	TH-232	=	3.30	.90
	FMP-SS-46-490QC	1378706.51	481510.98	.00	.16	U-238	=	217.00	15.00
	FMP-SS-46-493	1378727.48	481363.35	.00	.16	CS-137	<	2.10	
	FMP-SS-46-493	1378727.48	481363.35	.00	.16	RA-226	<	3.70	
	FMP-SS-46-493	1378727.48	481363.35	.00	.16	RU-106	<	10.90	
	FMP-SS-46-493	1378727.48	481363.35	.00	.16	TH-232	=	2.30	1.20
	FMP-SS-46-493	1378727.48	481363.35	.00	.16	U-238	=	553.00	22.00
	FMP-SS-46-493D	1378727.48	481363.35	.00	.16	CS-137	<	1.50	
	FMP-SS-46-493D	1378727.48	481363.35	.00	.16	RA-226	<	5.30	
	FMP-SS-46-493D	1378727.48	481363.35	.00	.16	RU-106	<	13.60	
	FMP-SS-46-493D	1378727.48	481363.35	.00	.16	TH-232	<	5.30	
	FMP-SS-46-493D	1378727.48	481363.35	.00	.16	U-238	=	573.00	34.00
	FMP-SS-46-494	1378830.51	481472.58	.00	.16	CS-137	<	.80	
	FMP-SS-46-494	1378830.51	481472.58	.00	.16	RA-226	<	.90	
	FMP-SS-46-494	1378830.51	481472.58	.00	.16	RU-106	<	6.90	
	FMP-SS-46-494	1378830.51	481472.58	.00	.16	TH-232	<	3.60	
	FMP-SS-46-494	1378830.51	481472.58	.00	.16	U-238	=	65.40	7.30
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	CS-137	<	5.10	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	RA-226	<	6.90	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	RU-106	<	35.60	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	TH-232	=	11.00	2.80
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	U-238	=	746.00	36.00
	FMP-SS-46-496QC	1378777.79	481373.98	.00	.16	CS-137	<	5.10	
	FMP-SS-46-496QC	1378777.79	481373.98	.00	.16	RA-226	=	1.10	.40
	FMP-SS-46-496QC	1378777.79	481373.98	.00	.16	RU-106	<	38.90	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-496QC	1378777.79	481373.98	.00	.16	TH-232	=	9.40	2.20
	FMP-SS-46-496QC	1378777.79	481373.98	.00	.16	U-238	=	797.00	39.00
	FMP-SS-46-499	1378707.93	481306.87	.00	.16	CS-137	<	.90	
	FMP-SS-46-499	1378707.93	481306.87	.00	.16	RA-226	=	10.80	1.00
	FMP-SS-46-499	1378707.93	481306.87	.00	.16	RU-106	<	7.30	
	FMP-SS-46-499	1378707.93	481306.87	.00	.16	TH-232	<	5.30	
	FMP-SS-46-499	1378707.93	481306.87	.00	.16	U-238	=	19.50	6.80
	FMP-SS-46-500QC	1378707.93	481306.87	.00	.16	CS-137	<	1.40	
	FMP-SS-46-500QC	1378707.93	481306.87	.00	.16	RA-226	=	9.90	1.00
	FMP-SS-46-500QC	1378707.93	481306.87	.00	.16	RU-106	<	7.60	
	FMP-SS-46-500QC	1378707.93	481306.87	.00	.16	TH-232	=	3.20	.70
	FMP-SS-46-500QC	1378707.93	481306.87	.00	.16	U-238	=	17.20	6.40
	FMP-SS-46-501	1378778.27	481354.96	.00	.16	CS-137	<	2.20	
	FMP-SS-46-501	1378778.27	481354.96	.00	.16	RA-226	<	4.90	
	FMP-SS-46-501	1378778.27	481354.96	.00	.16	RU-106	<	28.50	
	FMP-SS-46-501	1378778.27	481354.96	.00	.16	TH-232	=	1.80	1.00
	FMP-SS-46-501	1378778.27	481354.96	.00	.16	U-238	=	508.00	35.00
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	CS-137	<	1.60	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	RA-226	<	2.50	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	RU-106	<	12.90	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	TH-232	<	2.80	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	U-238	=	683.00	21.00
	FMP-SS-46-507	1379192.16	481637.74	.00	.16	CS-137	<	1.00	
	FMP-SS-46-507	1379192.16	481637.74	.00	.16	RA-226	<	2.10	
	FMP-SS-46-507	1379192.16	481637.74	.00	.16	RU-106	<	11.90	
	FMP-SS-46-507	1379192.16	481637.74	.00	.16	TH-232	=	.70	.40
	FMP-SS-46-507	1379192.16	481637.74	.00	.16	U-238	=	107.00	8.00
	FMP-SS-46-508	1379127.82	481589.48	.00	.16	CS-137	<	1.10	
	FMP-SS-46-508	1379127.82	481589.48	.00	.16	RA-226	=	1.50	.50
	FMP-SS-46-508	1379127.82	481589.48	.00	.16	RU-106	<	5.90	
	FMP-SS-46-508	1379127.82	481589.48	.00	.16	TH-232	=	1.50	.70
	FMP-SS-46-508	1379127.82	481589.48	.00	.16	U-238	=	98.80	8.80
	FMP-SS-46-509	1379095.98	481559.34	.00	.16	CS-137	=	.50	.30
	FMP-SS-46-509	1379095.98	481559.34	.00	.16	RA-226	=	1.10	.60
	FMP-SS-46-509	1379095.98	481559.34	.00	.16	RU-106	<	8.60	
	FMP-SS-46-509	1379095.98	481559.34	.00	.16	TH-232	=	1.30	.50
	FMP-SS-46-509	1379095.98	481559.34	.00	.16	U-238	=	58.90	8.10
	FMP-SS-46-510	1379128.50	481614.48	.00	.16	CS-137	<	.70	
	FMP-SS-46-510	1379128.50	481614.48	.00	.16	RA-226	=	1.80	1.00
	FMP-SS-46-510	1379128.50	481614.48	.00	.16	RU-106	<	5.50	
	FMP-SS-46-510	1379128.50	481614.48	.00	.16	TH-232	=	2.20	1.00
	FMP-SS-46-510	1379128.50	481614.48	.00	.16	U-238	=	287.00	14.00
	FMP-SS-46-511	1379210.68	481656.24	.00	.16	CS-137	<	.90	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-511	1379210.68	481656.24	.00	.16	RA-226	<	1.70	
	FMP-SS-46-511	1379210.68	481656.24	.00	.16	RU-106	<	9.90	
	FMP-SS-46-511	1379210.68	481656.24	.00	.16	TH-232	=	3.50	.80
	FMP-SS-46-511	1379210.68	481656.24	.00	.16	U-238	=	146.00	11.00
	FMP-SS-46-514	1379391.92	481626.27	.00	.16	CS-137	<	1.70	
	FMP-SS-46-514	1379391.92	481626.27	.00	.16	RA-226	<	3.10	
	FMP-SS-46-514	1379391.92	481626.27	.00	.16	RU-106	<	25.20	
	FMP-SS-46-514	1379391.92	481626.27	.00	.16	TH-232	=	4.90	.30
	FMP-SS-46-514	1379391.92	481626.27	.00	.16	U-238	=	189.00	16.00
	FMP-SS-46-516	1379412.40	481606.71	.00	.16	CS-137	=	1.40	.80
	FMP-SS-46-516	1379412.40	481606.71	.00	.16	RA-226	=	1.00	.70
	FMP-SS-46-516	1379412.40	481606.71	.00	.16	RU-106	<	14.90	
	FMP-SS-46-516	1379412.40	481606.71	.00	.16	TH-232	=	1.60	.90
	FMP-SS-46-516	1379412.40	481606.71	.00	.16	U-238	=	29.60	7.50
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	CS-137	<	2.60	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	RA-226	<	4.50	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	RU-106	<	32.20	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	TH-232	=	18.60	2.20
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	U-238	=	508.00	28.00
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	CS-137	<	1.40	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	RA-226	<	3.90	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	RU-106	<	13.90	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	TH-232	=	8.40	.90
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	U-238	=	341.00	17.00
	FMP-SS-46-520	1379490.00	481554.56	.00	.16	CS-137	<	2.10	
	FMP-SS-46-520	1379490.00	481554.56	.00	.16	RA-226	<	1.40	
	FMP-SS-46-520	1379490.00	481554.56	.00	.16	RU-106	<	9.90	
	FMP-SS-46-520	1379490.00	481554.56	.00	.16	TH-232	=	4.50	.90
	FMP-SS-46-520	1379490.00	481554.56	.00	.16	U-238	=	114.00	9.60
	FMP-SS-46-521	1379019.12	481967.60	.00	.16	CS-137	<	1.40	
	FMP-SS-46-521	1379019.12	481967.60	.00	.16	RA-226	=	2.20	1.00
	FMP-SS-46-521	1379019.12	481967.60	.00	.16	RU-106	<	9.40	
	FMP-SS-46-521	1379019.12	481967.60	.00	.16	TH-232	=	1.70	.60
	FMP-SS-46-521	1379019.12	481967.60	.00	.16	U-238	=	76.80	7.60
	FMP-SS-46-522	1379041.78	481954.98	.00	.16	CS-137	<	1.00	
	FMP-SS-46-522	1379041.78	481954.98	.00	.16	RA-226	<	1.80	
	FMP-SS-46-522	1379041.78	481954.98	.00	.16	RU-106	<	10.20	
	FMP-SS-46-522	1379041.78	481954.98	.00	.16	TH-232	=	1.80	10.00
	FMP-SS-46-522	1379041.78	481954.98	.00	.16	U-238	=	568.00	17.00
	FMP-SS-46-525	1379410.45	480731.43	.00	.16	CS-137	<	.90	
	FMP-SS-46-525	1379410.45	480731.43	.00	.16	RA-226	=	2.00	1.30
	FMP-SS-46-525	1379410.45	480731.43	.00	.16	RU-106	<	6.40	
	FMP-SS-46-525	1379410.45	480731.43	.00	.16	TH-232	=	3.80	.90

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-525	1379410.45	480731.43	.00	.16	U-238	=	120.00	11.00
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	CS-137	<	1.10	
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	RA-226	=	16.50	1.30
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	RU-106	<	15.50	
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	TH-232	=	15.90	1.50
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	U-238	=	36.80	13.00
	FMP-SS-46-529	1379384.29	480726.14	.00	.16	CS-137	<	1.70	
	FMP-SS-46-529	1379384.29	480726.14	.00	.16	RA-226	=	1.40	.80
	FMP-SS-46-529	1379384.29	480726.14	.00	.16	RU-106	<	7.30	
	FMP-SS-46-529	1379384.29	480726.14	.00	.16	TH-232	=	1.90	.80
	FMP-SS-46-529	1379384.29	480726.14	.00	.16	U-238	=	174.00	11.00
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	CS-137	<	2.00	
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	RA-226	=	5.10	1.00
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	RU-106	<	17.60	
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	TH-232	=	5.40	.90
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	U-238	=	30.30	9.10
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	CS-137	=	1.00	.60
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	RA-226	=	4.70	1.40
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	RU-106	<	12.10	
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	TH-232	=	10.10	1.50
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	U-238	<	27.40	
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	CS-137	<	1.30	
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	RA-226	=	5.50	1.20
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	RU-106	<	9.70	
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	TH-232	=	8.20	1.30
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	U-238	=	11.60	5.50
	FMP-SS-46-537	1379559.70	480446.24	.00	.50	CS-137	<	.60	
	FMP-SS-46-537	1379559.70	480446.24	.00	.50	RA-226	=	1.40	.50
	FMP-SS-46-537	1379559.70	480446.24	.00	.50	RU-106	<	1.20	
	FMP-SS-46-537	1379559.70	480446.24	.00	.50	TH-232	=	1.50	.80
	FMP-SS-46-537	1379559.70	480446.24	.00	.50	U-238	=	15.60	4.80
	FMP-SS-46-540	1379522.23	480466.27	.00	.16	CS-137	=	1.10	.50
	FMP-SS-46-540	1379522.23	480466.27	.00	.16	RA-226	=	7.80	1.00
	FMP-SS-46-540	1379522.23	480466.27	.00	.16	RU-106	<	13.90	
	FMP-SS-46-540	1379522.23	480466.27	.00	.16	TH-232	<	1.20	
	FMP-SS-46-540	1379522.23	480466.27	.00	.16	U-238	=	15.70	6.40
	FMP-SS-46-541	1379522.23	480466.27	.16	.50	CS-137	<	.60	
	FMP-SS-46-541	1379522.23	480466.27	.16	.50	RA-226	=	6.10	.90
	FMP-SS-46-541	1379522.23	480466.27	.16	.50	RU-106	<	7.80	
	FMP-SS-46-541	1379522.23	480466.27	.16	.50	TH-232	<	1.80	
	FMP-SS-46-541	1379522.23	480466.27	.16	.50	U-238	<	31.20	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	CS-137	<	2.60	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	RA-226	=	12.90	1.70

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-542	1379689.80	480411.67	.00	.16	RU-106	<	20.40	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	TH-232	=	28.00	2.00
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	U-238	<	15.40	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	CS-137	<	1.70	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	RA-226	=	20.80	2.20
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	RU-106	<	19.40	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	TH-232	=	24.80	2.10
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	U-238	=	46.60	12.00
	FMP-SS-46-548	1379336.79	481877.88	.00	.16	CS-137	<	1.50	
	FMP-SS-46-548	1379336.79	481877.88	.00	.16	RA-226	=	.70	.50
	FMP-SS-46-548	1379336.79	481877.88	.00	.16	RU-106	<	9.50	
	FMP-SS-46-548	1379336.79	481877.88	.00	.16	TH-232	=	1.70	.90
	FMP-SS-46-548	1379336.79	481877.88	.00	.16	U-238	=	112.00	9.00
	FMP-SS-46-550	1379186.20	481675.92	.00	.16	CS-137	<	1.30	
	FMP-SS-46-550	1379186.20	481675.92	.00	.16	RA-226	<	1.30	
	FMP-SS-46-550	1379186.20	481675.92	.00	.16	RU-106	<	9.60	
	FMP-SS-46-550	1379186.20	481675.92	.00	.16	TH-232	=	2.00	1.00
	FMP-SS-46-550	1379186.20	481675.92	.00	.16	U-238	=	220.00	13.00
	FMP-SS-46-552	1378448.48	481220.93	.00	.16	CS-137	<	1.00	
	FMP-SS-46-552	1378448.48	481220.93	.00	.16	RA-226	=	24.50	1.60
	FMP-SS-46-552	1378448.48	481220.93	.00	.16	RU-106	<	14.90	
	FMP-SS-46-552	1378448.48	481220.93	.00	.16	TH-232	=	4.00	1.40
	FMP-SS-46-552	1378448.48	481220.93	.00	.16	U-238	=	86.60	11.00
	FMP-SS-46-554	1378523.45	481218.88	.00	.16	CS-137	<	1.00	
	FMP-SS-46-554	1378523.45	481218.88	.00	.16	RA-226	=	1.90	.90
	FMP-SS-46-554	1378523.45	481218.88	.00	.16	RU-106	<	1.20	
	FMP-SS-46-554	1378523.45	481218.88	.00	.16	TH-232	=	4.40	.80
	FMP-SS-46-554	1378523.45	481218.88	.00	.16	U-238	=	150.00	12.00
	FMP-SS-46-555QC	1378523.45	481218.88	.00	.16	CS-137	<	.70	
	FMP-SS-46-555QC	1378523.45	481218.88	.00	.16	RA-226	=	1.90	.70
	FMP-SS-46-555QC	1378523.45	481218.88	.00	.16	RU-106	<	12.30	
	FMP-SS-46-555QC	1378523.45	481218.88	.00	.16	TH-232	=	3.20	1.00
	FMP-SS-46-555QC	1378523.45	481218.88	.00	.16	U-238	=	126.00	11.00
	FMP-SS-46-556	1378399.18	481247.29	.00	.16	CS-137	<	1.10	
	FMP-SS-46-556	1378399.18	481247.29	.00	.16	RA-226	=	2.90	.80
	FMP-SS-46-556	1378399.18	481247.29	.00	.16	RU-106	<	14.40	
	FMP-SS-46-556	1378399.18	481247.29	.00	.16	TH-232	=	2.30	1.20
	FMP-SS-46-556	1378399.18	481247.29	.00	.16	U-238	=	184.00	12.00
	FMP-SS-46-563	1378486.11	481206.90	.00	.16	CS-137	<	.90	
	FMP-SS-46-563	1378486.11	481206.90	.00	.16	RA-226	=	3.30	.80
	FMP-SS-46-563	1378486.11	481206.90	.00	.16	RU-106	<	12.00	
	FMP-SS-46-563	1378486.11	481206.90	.00	.16	TH-232	=	2.90	.80
	FMP-SS-46-563	1378486.11	481206.90	.00	.16	U-238	=	66.20	6.50

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-563D	1378486.11	481206.90	.00	.16	CS-137	<	1.30	
	FMP-SS-46-563D	1378486.11	481206.90	.00	.16	RA-226	=	2.70	1.00
	FMP-SS-46-563D	1378486.11	481206.90	.00	.16	RU-106	<	11.60	
	FMP-SS-46-563D	1378486.11	481206.90	.00	.16	TH-232	=	3.70	1.50
	FMP-SS-46-563D	1378486.11	481206.90	.00	.16	U-238	=	77.70	11.00
	FMP-SS-46-564	1378373.15	481209.99	.00	.16	CS-137	<	1.00	
	FMP-SS-46-564	1378373.15	481209.99	.00	.16	RA-226	=	2.60	1.00
	FMP-SS-46-564	1378373.15	481209.99	.00	.16	RU-106	<	6.80	
	FMP-SS-46-564	1378373.15	481209.99	.00	.16	TH-232	=	3.00	.80
	FMP-SS-46-564	1378373.15	481209.99	.00	.16	U-238	=	430.00	16.00
	FMP-SS-46-565	1378654.56	481440.38	.00	.16	CS-137	<	.90	
	FMP-SS-46-565	1378654.56	481440.38	.00	.16	RA-226	=	4.00	.80
	FMP-SS-46-565	1378654.56	481440.38	.00	.16	RU-106	<	11.30	
	FMP-SS-46-565	1378654.56	481440.38	.00	.16	TH-232	=	7.90	1.00
	FMP-SS-46-565	1378654.56	481440.38	.00	.16	U-238	=	101.00	10.50
	FMP-SS-46-566	1378674.41	480776.59	.00	.16	CS-137	<	.60	
	FMP-SS-46-566	1378674.41	480776.59	.00	.16	RA-226	=	3.50	.60
	FMP-SS-46-566	1378674.41	480776.59	.00	.16	RU-106	<	6.70	
	FMP-SS-46-566	1378674.41	480776.59	.00	.16	TH-232	<	6.50	
	FMP-SS-46-566	1378674.41	480776.59	.00	.16	U-238	=	8.70	4.90
	FMP-SS-46-567	1378574.44	480779.32	.00	.16	CS-137	<	1.90	
	FMP-SS-46-567	1378574.44	480779.32	.00	.16	RA-226	=	22.50	1.90
	FMP-SS-46-567	1378574.44	480779.32	.00	.16	RU-106	<	13.00	
	FMP-SS-46-567	1378574.44	480779.32	.00	.16	TH-232	<	3.20	
	FMP-SS-46-567	1378574.44	480779.32	.00	.16	U-238	=	37.40	10.20
	FMP-SS-46-568	1378673.04	480726.60	.00	.16	CS-137	<	.50	
	FMP-SS-46-568	1378673.04	480726.60	.00	.16	RA-226	=	2.60	.70
	FMP-SS-46-568	1378673.04	480726.60	.00	.16	RU-106	<	6.40	
	FMP-SS-46-568	1378673.04	480726.60	.00	.16	TH-232	<	3.30	
	FMP-SS-46-568	1378673.04	480726.60	.00	.16	U-238	=	6.90	3.80
	FMP-SS-46-569	1378624.43	480777.95	.00	.16	CS-137	=	1.10	.50
	FMP-SS-46-569	1378624.43	480777.95	.00	.16	RA-226	=	3.60	.80
	FMP-SS-46-569	1378624.43	480777.95	.00	.16	RU-106	<	1.40	
	FMP-SS-46-569	1378624.43	480777.95	.00	.16	TH-232	<	.70	
	FMP-SS-46-569	1378624.43	480777.95	.00	.16	U-238	=	18.60	4.90
	FMP-SS-46-573	1378371.46	481148.01	.00	.16	CS-137	<	.50	
	FMP-SS-46-573	1378371.46	481148.01	.00	.16	RA-226	=	2.20	.60
	FMP-SS-46-573	1378371.46	481148.01	.00	.16	RU-106	<	7.50	
	FMP-SS-46-573	1378371.46	481148.01	.00	.16	TH-232	=	1.10	.70
	FMP-SS-46-573	1378371.46	481148.01	.00	.16	U-238	=	29.20	5.80
	FMP-SS-46-574	1378472.95	481201.26	.00	.16	CS-137	<	.90	
	FMP-SS-46-574	1378472.95	481201.26	.00	.16	RA-226	=	3.80	.80
	FMP-SS-46-574	1378472.95	481201.26	.00	.16	RU-106	<	9.90	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-574	1378472.95	481201.26	.00	.16	TH-232	=	4.20	.70
	FMP-SS-46-574	1378472.95	481201.26	.00	.16	U-238	=	160.00	11.00
	FMP-SS-46-577	1378446.76	481157.96	.00	.16	CS-137	<	.60	
	FMP-SS-46-577	1378446.76	481157.96	.00	.16	RA-226	<	2.00	
	FMP-SS-46-577	1378446.76	481157.96	.00	.16	RU-106	<	7.50	
	FMP-SS-46-577	1378446.76	481157.96	.00	.16	TH-232	=	.80	.50
	FMP-SS-46-577	1378446.76	481157.96	.00	.16	U-238	=	46.90	6.20
	FMP-SS-46-578	1378471.42	481145.28	.00	.16	CS-137	<	.90	
	FMP-SS-46-578	1378471.42	481145.28	.00	.16	RA-226	=	1.70	.90
	FMP-SS-46-578	1378471.42	481145.28	.00	.16	RU-106	<	7.70	
	FMP-SS-46-578	1378471.42	481145.28	.00	.16	TH-232	=	1.90	.80
	FMP-SS-46-578	1378471.42	481145.28	.00	.16	U-238	=	31.10	8.20
	FMP-SS-46-578D	1378471.42	481145.28	.00	.16	CS-137	<	1.00	
	FMP-SS-46-578D	1378471.42	481145.28	.00	.16	RA-226	=	2.80	.30
	FMP-SS-46-578D	1378471.42	481145.28	.00	.16	RU-106	<	4.50	
	FMP-SS-46-578D	1378471.42	481145.28	.00	.16	TH-232	<	1.30	
	FMP-SS-46-578D	1378471.42	481145.28	.00	.16	U-238	=	41.00	8.00
	FMP-SS-46-581	1378528.21	481136.72	.00	.16	CS-137	<	2.60	
	FMP-SS-46-581	1378528.21	481136.72	.00	.16	RA-226	=	4.40	1.50
	FMP-SS-46-581	1378528.21	481136.72	.00	.16	RU-106	<	17.60	
	FMP-SS-46-581	1378528.21	481136.72	.00	.16	TH-232	=	11.00	1.40
	FMP-SS-46-581	1378528.21	481136.72	.00	.16	U-238	=	187.00	19.00
	FMP-SS-46-584	1379624.74	480775.58	.00	.16	CS-137	=	1.30	.90
	FMP-SS-46-584	1379624.74	480775.58	.00	.16	RA-226	=	2.50	.60
	FMP-SS-46-584	1379624.74	480775.58	.00	.16	RU-106	<	8.20	
	FMP-SS-46-584	1379624.74	480775.58	.00	.16	TH-232	=	5.50	1.00
	FMP-SS-46-584	1379624.74	480775.58	.00	.16	U-238	=	70.60	10.00
	FMP-SS-46-585	1379278.81	480929.11	.00	.16	CS-137	<	.10	
	FMP-SS-46-585	1379278.81	480929.11	.00	.16	RA-226	=	1.10	.40
	FMP-SS-46-585	1379278.81	480929.11	.00	.16	RU-106	<	.70	
	FMP-SS-46-585	1379278.81	480929.11	.00	.16	TH-232	=	1.10	.40
	FMP-SS-46-585	1379278.81	480929.11	.00	.16	U-238	<	6.80	
	FMP-SS-46-586	1379695.43	480836.67	.00	.16	CS-137	<	.50	
	FMP-SS-46-586	1379695.43	480836.67	.00	.16	RA-226	=	1.20	.60
	FMP-SS-46-586	1379695.43	480836.67	.00	.16	RU-106	<	1.00	
	FMP-SS-46-586	1379695.43	480836.67	.00	.16	TH-232	<	.90	
	FMP-SS-46-586	1379695.43	480836.67	.00	.16	U-238	=	14.30	4.90
	FMP-SS-46-587	1379324.68	481472.05	.00	.16	CS-137	<	.10	
	FMP-SS-46-587	1379324.68	481472.05	.00	.16	RA-226	=	1.20	.40
	FMP-SS-46-587	1379324.68	481472.05	.00	.16	RU-106	<	4.50	
	FMP-SS-46-587	1379324.68	481472.05	.00	.16	TH-232	=	1.10	.40
	FMP-SS-46-587	1379324.68	481472.05	.00	.16	U-238	=	5.60	2.40
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	CS-137	<	.70	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-588	1379296.43	481353.78	.00	.16	RA-226	=	7.90	.80
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	RU-106	<	9.00	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	TH-232	<	2.00	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	U-238	<	18.80	
	FMP-SS-46-588D	1379296.43	481353.78	.00	.16	CS-137	<	.60	
	FMP-SS-46-588D	1379296.43	481353.78	.00	.16	RA-226	=	7.30	.80
	FMP-SS-46-588D	1379296.43	481353.78	.00	.16	RU-106	<	4.10	
	FMP-SS-46-588D	1379296.43	481353.78	.00	.16	TH-232	<	2.50	
	FMP-SS-46-588D	1379296.43	481353.78	.00	.16	U-238	<	20.40	
	FMP-SS-46-590	1379295.91	481334.79	.00	.16	CS-137	<	.80	
	FMP-SS-46-590	1379295.91	481334.79	.00	.16	RA-226	=	1.20	.50
	FMP-SS-46-590	1379295.91	481334.79	.00	.16	RU-106	<	3.30	
	FMP-SS-46-590	1379295.91	481334.79	.00	.16	TH-232	=	1.20	.60
	FMP-SS-46-590	1379295.91	481334.79	.00	.16	U-238	<	14.70	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	CS-137	<	1.40	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	RA-226	=	30.60	1.50
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	RU-106	<	10.30	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	TH-232	<	3.20	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	U-238	<	34.60	
	FMP-SS-46-593	1379326.74	481327.94	.00	.16	CS-137	<	.60	
	FMP-SS-46-593	1379326.74	481327.94	.00	.16	RA-226	=	1.50	.50
	FMP-SS-46-593	1379326.74	481327.94	.00	.16	RU-106	<	2.20	
	FMP-SS-46-593	1379326.74	481327.94	.00	.16	TH-232	=	1.40	.50
	FMP-SS-46-593	1379326.74	481327.94	.00	.16	U-238	<	7.10	
	FMP-SS-46-596	1379820.39	480833.25	.00	.16	CS-137	<	.50	
	FMP-SS-46-596	1379820.39	480833.25	.00	.16	RA-226	=	2.20	.80
	FMP-SS-46-596	1379820.39	480833.25	.00	.16	RU-106	<	14.30	
	FMP-SS-46-596	1379820.39	480833.25	.00	.16	TH-232	=	1.40	.50
	FMP-SS-46-596	1379820.39	480833.25	.00	.16	U-238	=	17.00	5.10
	FMP-SS-46-598	1379739.43	480872.48	.00	.16	CS-137	=	1.10	.40
	FMP-SS-46-598	1379739.43	480872.48	.00	.16	RA-226	=	1.30	.70
	FMP-SS-46-598	1379739.43	480872.48	.00	.16	RU-106	<	5.00	
	FMP-SS-46-598	1379739.43	480872.48	.00	.16	TH-232	<	.80	
	FMP-SS-46-598	1379739.43	480872.48	.00	.16	U-238	=	19.40	5.70
	FMP-SS-46-598D	1379739.43	480872.48	.00	.16	CS-137	<	.90	
	FMP-SS-46-598D	1379739.43	480872.48	.00	.16	RA-226	=	1.20	.60
	FMP-SS-46-598D	1379739.43	480872.48	.00	.16	RU-106	<	12.70	
	FMP-SS-46-598D	1379739.43	480872.48	.00	.16	TH-232	=	2.00	1.00
	FMP-SS-46-598D	1379739.43	480872.48	.00	.16	U-238	=	20.10	7.80
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	CS-137	<	.80	
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	RA-226	=	7.40	.90
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	RU-106	<	7.40	
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	TH-232	<	4.60	

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-602	1378946.04	481344.37	.00	.16	U-238	=	7.80	5.30
	FMP-SS-46-604	1378984.38	481356.32	.00	.16	CS-137	<	1.50	
	FMP-SS-46-604	1378984.38	481356.32	.00	.16	RA-226	=	5.70	.60
	FMP-SS-46-604	1378984.38	481356.32	.00	.16	RU-106	<	5.30	
	FMP-SS-46-604	1378984.38	481356.32	.00	.16	TH-232	<	1.50	
	FMP-SS-46-604	1378984.38	481356.32	.00	.16	U-238	<	10.70	
	FMP-SS-46-606	1378603.86	481159.66	.00	.16	CS-137	<	.10	
	FMP-SS-46-606	1378603.86	481159.66	.00	.16	RA-226	<	1.80	
	FMP-SS-46-606	1378603.86	481159.66	.00	.16	RU-106	<	8.90	
	FMP-SS-46-606	1378603.86	481159.66	.00	.16	TH-232	=	.90	.60
	FMP-SS-46-606	1378603.86	481159.66	.00	.16	U-238	=	14.40	4.10
	FMP-SS-46-608	1379686.88	480779.89	.00	.16	CS-137	<	1.40	
	FMP-SS-46-608	1379686.88	480779.89	.00	.16	RA-226	=	1.30	.60
	FMP-SS-46-608	1379686.88	480779.89	.00	.16	RU-106	<	7.50	
	FMP-SS-46-608	1379686.88	480779.89	.00	.16	TH-232	=	3.20	.70
	FMP-SS-46-608	1379686.88	480779.89	.00	.16	U-238	=	64.30	8.90
	FMP-SS-46-608D	1379686.88	480779.89	.00	.16	CS-137	<	.80	
	FMP-SS-46-608D	1379686.88	480779.89	.00	.16	RA-226	=	1.50	.70
	FMP-SS-46-608D	1379686.88	480779.89	.00	.16	RU-106	<	8.00	
	FMP-SS-46-608D	1379686.88	480779.89	.00	.16	TH-232	=	3.00	1.10
	FMP-SS-46-608D	1379686.88	480779.89	.00	.16	U-238	=	62.70	8.20
	FMP-SS-46-615	1379227.63	480667.41	.00	.16	CS-137	=	1.20	.80
	FMP-SS-46-615	1379227.63	480667.41	.00	.16	RA-226	=	4.80	.80
	FMP-SS-46-615	1379227.63	480667.41	.00	.16	RU-106	<	6.10	
	FMP-SS-46-615	1379227.63	480667.41	.00	.16	TH-232	=	2.30	.90
	FMP-SS-46-615	1379227.63	480667.41	.00	.16	U-238	=	53.10	8.50
	FMP-SS-46-618	1379291.81	480709.67	.00	.16	CS-137	<	1.60	
	FMP-SS-46-618	1379291.81	480709.67	.00	.16	RA-226	=	2.80	1.00
	FMP-SS-46-618	1379291.81	480709.67	.00	.16	RU-106	<	7.70	
	FMP-SS-46-618	1379291.81	480709.67	.00	.16	TH-232	=	2.80	1.10
	FMP-SS-46-618	1379291.81	480709.67	.00	.16	U-238	=	46.40	9.30
	FMP-SS-46-618D	1379291.81	480709.67	.00	.16	CS-137	=	1.00	.60
	FMP-SS-46-618D	1379291.81	480709.67	.00	.16	RA-226	=	3.00	.80
	FMP-SS-46-618D	1379291.81	480709.67	.00	.16	RU-106	<	7.70	
	FMP-SS-46-618D	1379291.81	480709.67	.00	.16	TH-232	=	2.10	1.00
	FMP-SS-46-618D	1379291.81	480709.67	.00	.16	U-238	=	47.30	8.70
	FMP-SS-46-620	1379234.50	480699.23	.00	.16	CS-137	=	1.20	.60
	FMP-SS-46-620	1379234.50	480699.23	.00	.16	RA-226	=	3.90	1.50
	FMP-SS-46-620	1379234.50	480699.23	.00	.16	RU-106	<	6.40	
	FMP-SS-46-620	1379234.50	480699.23	.00	.16	TH-232	=	3.40	1.20
	FMP-SS-46-620	1379234.50	480699.23	.00	.16	U-238	=	98.10	9.40
	FMP-SS-46-622	1379586.59	480770.63	.00	.16	CS-137	=	1.10	.50
	FMP-SS-46-622	1379586.59	480770.63	.00	.16	RA-226	=	1.30	.70

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-622	1379586.59	480770.63	.00	.16	RU-106	<	4.50	
	FMP-SS-46-622	1379586.59	480770.63	.00	.16	TH-232	=	2.70	.60
	FMP-SS-46-622	1379586.59	480770.63	.00	.16	U-238	=	40.70	6.20
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	CS-137	=	4.50	.90
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	RA-226	=	22.90	1.60
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	RU-106	<	9.30	
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	TH-232	=	21.00	5.00
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	U-238	=	99.20	16.00
	FMP-SS-46-626	1378944.15	481969.65	.00	.16	CS-137	<	2.20	
	FMP-SS-46-626	1378944.15	481969.65	.00	.16	RA-226	=	6.50	3.10
	FMP-SS-46-626	1378944.15	481969.65	.00	.16	RU-106	<	6.70	
	FMP-SS-46-626	1378944.15	481969.65	.00	.16	TH-232	=	10.00	1.40
	FMP-SS-46-626	1378944.15	481969.65	.00	.16	U-238	=	78.10	15.00
	FMP-SS-46-627QC	1378944.15	481969.65	.00	.16	CS-137	<	2.30	
	FMP-SS-46-627QC	1378944.15	481969.65	.00	.16	RA-226	=	8.00	1.30
	FMP-SS-46-627QC	1378944.15	481969.65	.00	.16	RU-106	<	8.70	
	FMP-SS-46-627QC	1378944.15	481969.65	.00	.16	TH-232	=	10.50	1.40
	FMP-SS-46-627QC	1378944.15	481969.65	.00	.16	U-238	=	79.90	15.00
	FMP-SS-46-653	1379822.35	480795.19	.00	.16	CS-137	<	1.00	
	FMP-SS-46-653	1379822.35	480795.19	.00	.16	RA-226	=	.60	.40
	FMP-SS-46-653	1379822.35	480795.19	.00	.16	RU-106	<	4.00	
	FMP-SS-46-653	1379822.35	480795.19	.00	.16	TH-232	=	.90	.60
	FMP-SS-46-653	1379822.35	480795.19	.00	.16	U-238	=	22.60	8.40
	FMP-SS-46-654QC	1379822.35	480795.19	.00	.16	CS-137	=	.60	.20
	FMP-SS-46-654QC	1379822.35	480795.19	.00	.16	RA-226	<	2.60	
	FMP-SS-46-654QC	1379822.35	480795.19	.00	.16	RU-106	<	5.90	
	FMP-SS-46-654QC	1379822.35	480795.19	.00	.16	TH-232	=	1.20	.40
	FMP-SS-46-654QC	1379822.35	480795.19	.00	.16	U-238	=	15.10	5.60
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	CS-137	<	1.90	
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	RA-226	=	7.60	1.50
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	RU-106	<	12.40	
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	TH-232	=	17.90	1.50
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	U-238	<	26.30	
	FMP-SS-46-658	1379291.77	481622.01	.00	.16	CS-137	<	1.40	
	FMP-SS-46-658	1379291.77	481622.01	.00	.16	RA-226	=	1.60	.60
	FMP-SS-46-658	1379291.77	481622.01	.00	.16	RU-106	<	10.40	
	FMP-SS-46-658	1379291.77	481622.01	.00	.16	TH-232	=	1.30	.60
	FMP-SS-46-658	1379291.77	481622.01	.00	.16	U-238	=	37.80	7.80
	FMP-SS-46-660	1379376.30	481457.64	.00	.16	CS-137	<	.50	
	FMP-SS-46-660	1379376.30	481457.64	.00	.16	RA-226	=	2.50	1.20
	FMP-SS-46-660	1379376.30	481457.64	.00	.16	RU-106	<	4.70	
	FMP-SS-46-660	1379376.30	481457.64	.00	.16	TH-232	<	2.50	
	FMP-SS-46-660	1379376.30	481457.64	.00	.16	U-238	=	239.00	11.00

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ON-SITE LABORATORY RADIONUCLIDE RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (feet)	NORTH COORDINATE (feet)	BEGIN DEPTH (feet)	END DEPTH (feet)	RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
53	FMP-SD-53-001	1378833.00	478016.00	.00	.50	CS-137	=	.50	.20
	FMP-SD-53-001	1378833.00	478016.00	.00	.50	RA-226	=	1.40	.50
	FMP-SD-53-001	1378833.00	478016.00	.00	.50	RU-106	<	10.70	
	FMP-SD-53-001	1378833.00	478016.00	.00	.50	TH-232	=	1.10	.60
	FMP-SD-53-001	1378833.00	478016.00	.00	.50	U-238	=	8.90	3.40
	FMP-SD-53-002	1378831.00	478014.00	.00	.50	CS-137	<	1.40	
	FMP-SD-53-002	1378831.00	478014.00	.00	.50	RA-226	=	.80	.30
	FMP-SD-53-002	1378831.00	478014.00	.00	.50	RU-106	<	8.60	
	FMP-SD-53-002	1378831.00	478014.00	.00	.50	TH-232	<	.50	
	FMP-SD-53-002	1378831.00	478014.00	.00	.50	U-238	=	4.00	3.10

7621 records selected.

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APPENDIX B

RADIOCHEMISTRY RESULTS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
21	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	CS-137	<	.20	
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	NP-237	<	.10	
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	PB-210	=		
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	PU-238	<	.10	
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	PU-239/240	<	.10	
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	RA-226	=	1.63	.65
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	RA-228	=		
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	RU-106	<	2.00	
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	SR-90	<	.30	
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	TC-99	<	.70	
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	TH-228	=	.10	.10
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	TH-230	=	.30	.10
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	TH-232	=	.10	.10
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	U-234	=	2.40	.30
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	U-235	=	.10	.10
	FMP-SD-21-004	1380127.82	482270.38	.00	.80	445.0	U-238	=	5.70	.40
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	CS-137	<	.20	
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	NP-237	<	.10	
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	PB-210	=		
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	PU-238	=	.30	.10
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	PU-239/240	<	.10	
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	RA-226	=	1.31	.49
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	RA-228	=		
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	RU-106	<	2.00	
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	SR-90	<	.30	
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	TC-99	<	.30	
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	TH-228	=	1.20	.30
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	TH-230	=	5.00	.70
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	TH-232	=	1.00	.40
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	U-234	=	12.00	1.00
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	U-235	=	.50	.20
	FMP-SD-21-009	1379613.08	482250.46	.00	.80	436.0	U-238	=	23.00	1.00
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	CS-137	<	.20	
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	NP-237	<	.10	
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	PB-210	=		
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	PU-238	<	.10	
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	PU-239/240	<	.10	
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	RA-226	=	1.36	.51
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	RA-228	=		
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	RU-106	<	2.00	
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	SR-90	<	.40	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
21	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	TC-99	<	.60	
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	TH-228	=	.10	.10
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	TH-230	=	.40	.10
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	TH-232	=	.10	.10
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	U-234	=	2.30	.40
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	U-235	=	.20	.10
	FMP-SD-21-017	1378796.00	482231.00	.00	.50	418.0	U-238	=	8.60	.70
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	CS-137	<	.20	
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	NP-237	<	.10	
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	PB-210	=		
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	PU-238	<	.10	
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	PU-239/240	<	.10	
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	RA-226	=	1.47	1.47
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	RA-228	=		
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	RU-106	<	2.00	
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	SR-90	<	.30	
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	TC-99	<	4.00	
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	TH-228	=	.10	.10
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	TH-230	=	.20	.10
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	TH-232	=	.20	.10
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	U-234	=	1.70	.30
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	U-235	=	.10	.10
	FMP-SD-21-019	1378603.00	482339.00	.00	.50	433.0	U-238	=	6.30	.50
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	CS-137	<	.20	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	NP-237	<	.20	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	PB-210	=		
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	PU-238	<	.10	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	PU-239/240	<	.10	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	RA-226	=	1.02	.25
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	RA-228	=		
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	RU-106	<	2.00	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	SR-90	<	.40	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	TC-99	<	.40	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	TH-228	<	.20	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	TH-230	<	.10	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	TH-232	<	.10	
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	U-234	=	1.00	.10
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	U-235	=	.10	.10
	FMP-SD-21-028	1377739.00	482580.00	.00	.50	633.0	U-238	=	3.60	.20
23	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	CS-137	<	.70	
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	NP-237	<	.10	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	PB-210	=	36.00	2.00
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	PU-238	<	.20	
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	PU-239/240	<	.10	
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	RA-226	=		
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	RA-228	=		
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	RU-106	<	4.00	
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	SR-90	<	.60	
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	TC-99	<	2.00	
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	TH-228	=	2.30	.30
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	TH-230	=	56.00	2.00
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	TH-232	=	2.50	.20
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	U-234	=	21.00	1.00
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	U-235	=	.80	.10
	FMP-SL-23-122	1379298.55	480444.38	.50	1.00	762.6	U-238	=	22.00	1.00
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	CS-137	=	2.10	1.00
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	NP-237	<	.10	
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	PB-210	=	190.00	10.00
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	PU-238	<	.10	
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	PU-239/240	<	.10	
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	RA-226	=	109.56	3.61
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	RA-228	=		
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	RU-106	<	2.00	
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	SR-90	<	.80	
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	TC-99	<	.50	
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	TH-228	=	1.20	.20
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	TH-230	=	105.00	2.00
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	TH-232	=	1.00	.10
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	U-234	=	19.00	1.00
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	U-235	=	.80	.10
	FMP-SL-23-150	1379388.60	480444.92	.50	1.00	551.6	U-238	=	19.00	1.00
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	CS-137	<	.60	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	NP-237	<	.10	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	PB-210	=	44.00	3.00
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	PU-238	<	.10	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	PU-239/240	<	.10	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	RA-226	=	21.46	2.24
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	RA-228	=		
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	RU-106	<	5.00	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	SR-90	<	.40	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	TC-99	<	1.00	
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	TH-228	=	3.50	.30

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	TH-230	=	217.00	2.00
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	TH-232	=	3.60	.30
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	U-234	=	55.00	1.00
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	U-235	=	2.20	.20
	FMP-SS-23-005	1379724.04	480419.73	.00	.50	520.1	U-238	=	55.00	1.00
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	CS-137	<	.60	
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	NP-237	<	.10	
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	PB-210	=	30.00	2.00
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	PU-238	<	.10	
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	PU-239/240	<	.10	
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	RA-226	=	29.39	1.93
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	RA-228	=		
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	RU-106	<	3.00	
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	SR-90	<	.50	
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	TC-99	<	.20	
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	TH-228	=	.40	.10
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	TH-230	=	13.00	1.00
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	TH-232	=	.20	.10
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	U-234	=	25.00	1.00
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	U-235	=	1.00	.10
	FMP-SS-23-012	1379558.48	480438.27	.00	.50	598.5	U-238	=	27.00	1.00
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	CS-137	=	2.30	.60
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	NP-237	=	2.70	.50
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	PB-210	=	12.00	1.00
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	PU-238	=	.30	.10
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	PU-239/240	=	.20	.10
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	RA-226	=	9.64	1.30
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	RA-228	=		
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	RU-106	<	2.00	
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	SR-90	<	.70	
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	TC-99	=	91.00	4.00
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	TH-228	=	3.30	.30
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	TH-230	=	21.00	1.00
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	TH-232	=	.50	.10
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	U-234	=	84.00	2.00
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	U-235	=	3.80	.30
	FMP-SS-23-013	1379537.11	480424.85	.00	.50	604.2	U-238	=	83.00	2.00
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	CS-137	=	1.20	.40
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	NP-237	<	.10	
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	PB-210	=	18.00	2.00
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	PU-238	<	.10	

*RA226 AND RA228,WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	PU-239/240	<	.10	
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	RA-226	=	10.50	1.23
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	RA-228	=		
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	RU-106	<	2.00	
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	SR-90	<	.30	
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	TC-99	<	.90	
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	TH-228	=	.40	.10
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	TH-230	=	27.00	1.00
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	TH-232	=	.20	.10
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	U-234	=	8.90	.40
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	U-235	=	.40	.10
	FMP-SS-23-029	1379157.22	480434.25	.00	.50	569.4	U-238	=	9.60	.50
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	CS-137	<	.30	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	NP-237	<	.10	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	PB-210	=	25.00	2.00
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	PU-238	<	.10	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	PU-239/240	<	.10	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	RA-226	=	9.04	.93
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	RA-228	=		
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	RU-106	<	2.00	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	SR-90	<	.50	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	TC-99	<	1.00	
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	TH-228	=	2.00	.10
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	TH-230	=	79.00	1.00
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	TH-232	=	2.10	.10
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	U-234	=	9.70	.70
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	U-235	=	.30	.10
	FMP-SS-23-032	1379098.65	480450.86	.00	.50	626.0	U-238	=	11.00	1.00
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	CS-137	=	.60	.50
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	NP-237	<	.40	
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	PB-210	=	19.00	2.00
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	PU-238	<	.10	
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	PU-239/240	<	.10	
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	RA-226	=	6.61	.91
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	RA-228	=		
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	RU-106	<	2.00	
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	SR-90	<	.90	
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	TC-99	<	.40	
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	TH-228	=	2.70	.70
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	TH-230	=	102.00	4.00
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	TH-232	=	2.40	.60

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	U-234	=	8.60	.50
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	U-235	=	.40	.10
	FMP-SS-23-094	1379417.29	480506.16	.00	.50	620.0	U-238	=	9.90	.60
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	CS-137	<	.40	
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	NP-237	<	.10	
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	PB-210	=	41.00	2.00
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	PU-238	<	.10	
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	PU-239/240	<	.10	
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	RA-226	=	14.78	1.21
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	RA-228	=		
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	RU-106	<	2.00	
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	SR-90	<	.60	
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	TC-99	<	.70	
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	TH-228	=	.50	.10
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	TH-230	=	28.00	1.00
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	TH-232	=	.50	.10
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	U-234	=	14.00	1.00
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	U-235	=	.60	.10
	FMP-SS-23-106	1379309.92	480421.07	.00	.50	649.2	U-238	=	16.00	1.00
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	CS-137	<	.30	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	NP-237	<	.10	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	PB-210	=	16.00	1.00
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	PU-238	<	.20	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	PU-239/240	<	.20	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	RA-226	=	12.86	1.32
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	RA-228	=		
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	RU-106	<	2.00	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	SR-90	<	1.00	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	TC-99	<	.40	
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	TH-228	=	.20	.10
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	TH-230	=	10.00	1.00
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	TH-232	=	.10	.10
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	U-234	=	8.20	.30
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	U-235	=	.40	.10
	FMP-SS-23-145	1379327.12	480464.61	.00	.50	609.1	U-238	=	8.60	.30
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	CS-137	<	4.00	
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	NP-237	<	.10	
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	PB-210	=		
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	PU-238	<	.10	
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	PU-239/240	<	.05	
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	RA-226	=		

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	RA-228	=		
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	RU-106	<	35.00	
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	SR-90	=	1.20	.40
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	TC-99	<	.90	
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	TH-228	=	41.00	5.00
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	TH-230	=	3010.00	40.00
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	TH-232	=	51.00	5.00
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	U-234	=	35.00	1.00
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	U-235	=	1.60	.20
	FMP-SS-23-151	1379388.60	480444.92	.00	.50	657.0	U-238	=	36.00	1.00
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	CS-137	<	1.00	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	NP-237	<	.10	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	PB-210	=	169.00	4.00
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	PU-238	<	.10	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	PU-239/240	<	.10	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	RA-226	=	137.35	11.59
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	RA-228	=		
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	RU-106	<	5.00	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	SR-90	<	.60	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	TC-99	<	4.00	
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	TH-228	=	.40	.10
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	TH-230	=	7.70	.50
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	TH-232	=	.10	.10
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	U-234	=	70.00	1.00
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	U-235	=	3.00	.30
	FMP-SS-23-162	1379108.79	480455.58	.00	.50	592.3	U-238	=	71.00	1.00
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	CS-137	=	1.90	.80
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	NP-237	<	.30	
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	PB-210	=	4.00	1.00
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	PU-238	<	.10	
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	PU-239/240	<	.10	
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	RA-226	=	11.84	1.84
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	RA-228	=		
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	RU-106	<	3.00	
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	SR-90	=	1.40	.70
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	TC-99	=	602.00	37.00
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	TH-228	=	866.00	21.00
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	TH-230	=	149.00	9.00
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	TH-232	=	8.00	2.10
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	U-234	=	90.00	1.00
	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	U-235	=	4.70	.30

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
23	FMP-SS-23-170	1378962.84	480459.58	.00	.50	624.5	U-238	=	146.00	2.00
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	CS-137	<	.50	
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	NP-237	<	.50	
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	PB-210	=	78.00	3.00
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	PU-238	<	.10	
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	PU-239/240	<	.10	
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	RA-226	=	29.87	1.79
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	RA-228	=		
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	RU-106	<	4.00	
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	SR-90	<	.70	
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	TC-99	<	.30	
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	TH-228	=	1.20	.20
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	TH-230	=	121.00	1.00
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	TH-232	=	1.30	.20
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	U-234	=	11.00	1.00
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	U-235	=	.60	.10
	FMP-SS-23-176	1379388.87	480454.92	.00	.50	617.0	U-238	=	12.00	1.00
24	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	CS-137	<	.90	
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	NP-237	<	.10	
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	PB-210	=		
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	PU-238	<	.10	
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	PU-239/240	<	.10	
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	RA-226	=	149.52	3.43
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	RA-228	=		
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	RU-106	<	7.00	
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	SR-90	<	.60	
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	TC-99	<	.40	
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	TH-228	=	3.30	1.30
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	TH-230	=	1070.00	30.00
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	TH-232	=	4.90	1.90
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	U-234	=	79.00	1.00
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	U-235	=	3.60	.30
	FMP-SL-24-049	1379633.30	477214.02	.50	1.00	781.1	U-238	=	82.00	1.00
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	CS-137	<	.50	
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	NP-237	<	.10	
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	PB-210	=		
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	PU-238	<	.10	
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	PU-239/240	<	.10	
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	RA-226	=	38.56	1.78
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	RA-228	=		
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	RU-106	<	3.00	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	SR-90	<	.60	
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	TC-99	<	.40	
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	TH-228	=	3.00	.70
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	TH-230	=	2330.00	20.00
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	TH-232	=	4.50	.70
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	U-234	=	28.00	1.00
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	U-235	=	1.20	.20
	FMP-SL-24-052	1379622.57	477224.31	.50	1.00	799.1	U-238	=	29.00	1.00
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	CS-137	<	.60	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	NP-237	<	.10	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	PB-210	=		
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	PU-238	<	.10	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	PU-239/240	<	.10	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	RA-226	=	63.02	2.19
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	RA-228	=		
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	RU-106	<	5.00	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	SR-90	<	.40	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	TC-99	<	.40	
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	TH-228	=	.50	.20
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	TH-230	=	21.00	1.00
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	TH-232	=	.50	.20
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	U-234	=	4.20	.40
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	U-235	=	.20	.10
	FMP-SL-24-094	1379815.98	477894.27	.16	.50	674.0	U-238	=	5.40	.40
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	CS-137	<	.70	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	NP-237	<	.10	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	PB-210	=		
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	PU-238	<	.20	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	PU-239/240	<	.10	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	RA-226	=	132.57	3.57
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	RA-228	=		
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	RU-106	<	4.00	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	SR-90	<	.60	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	TC-99	<	.40	
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	TH-228	=	.40	.20
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	TH-230	=	14.00	1.00
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	TH-232	=	.10	.10
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	U-234	=	30.00	1.00
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	U-235	=	1.80	.20
	FMP-SL-24-113	1379406.92	478080.54	.16	.50	618.0	U-238	=	25.00	1.00
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	CS-137	<	.90	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	NP-237	<	.10	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	PB-210	=		
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	PU-238	<	.10	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	PU-239/240	<	.10	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	RA-226	=	70.61	2.70
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	RA-228	=		
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	RU-106	<	7.00	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	SR-90	<	.90	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	TC-99	<	.40	
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	TH-228	=	.20	.10
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	TH-230	=	13.00	1.00
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	TH-232	=	.20	.10
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	U-234	=	14.00	1.00
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	U-235	=	.70	.10
	FMP-SL-24-116	1379324.06	478013.78	.16	.50	639.0	U-238	=	14.00	1.00
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	CS-137	<	.30	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	NP-237	<	.10	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	PB-210	=		
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	PU-238	<	.30	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	PU-239/240	<	.10	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	RA-226	=	69.62	2.77
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	RA-228	=		
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	RU-106	<	3.00	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	SR-90	<	.80	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	TC-99	<	.40	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	TH-228	<	.20	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	TH-230	=	.90	.30
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	TH-232	<	.10	
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	U-234	=	46.00	1.00
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	U-235	=	2.00	.20
	FMP-SL-24-117	1379324.06	478013.78	.50	1.00	682.0	U-238	=	58.00	1.00
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	CS-137	<	.80	
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	NP-237	<	.10	
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	PB-210	=		
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	PU-238	<	.10	
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	PU-239/240	<	.10	
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	RA-226	=	4.47	1.67
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	RA-228	=		
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	RU-106	<	5.00	
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	SR-90	<	.30	
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	TC-99	<	.40	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	TH-228	=	.40	.20
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	TH-230	=	44.00	2.00
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	TH-232	=	.40	.20
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	U-234	=	14.00	1.00
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	U-235	=	.60	.10
	FMP-SL-24-121	1379305.59	478033.29	.16	.50	561.2	U-238	=	15.00	1.00
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	CS-137	<	.50	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	NP-237	<	.10	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	PB-210	=		
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	PU-238	<	.10	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	PU-239/240	<	.10	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	RA-226	<	5.69	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	RA-228	=		
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	RU-106	<	6.00	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	SR-90	<	.50	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	TC-99	<	.40	
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	TH-228	=	129.00	4.00
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	TH-230	=	21.00	2.00
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	TH-232	=	130.00	4.00
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	U-234	=	31.00	1.00
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	U-235	=	1.40	.20
	FMP-SL-24-179	1379207.52	477885.92	1.00	1.50	711.0	U-238	=	29.00	1.00
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	CS-137	<	.20	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	NP-237	<	.10	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	PB-210	=		
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	PU-238	<	.10	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	PU-239/240	<	.10	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	RA-226	<	2.35	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	RA-228	=		
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	RU-106	<	2.00	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	SR-90	<	.80	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	TC-99	<	.40	
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	TH-228	=	3.60	.50
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	TH-230	=	1.60	.30
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	TH-232	=	2.90	.50
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	U-234	=	114.00	2.00
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	U-235	=	5.80	.40
	FMP-SL-24-188	1379114.23	477876.47	1.00	1.50	720.0	U-238	=	92.00	2.00
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	CS-137	<	.50	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	NP-237	<	.10	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	PB-210	=		

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	PU-238	<	.20	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	PU-239/240	<	.10	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	RA-226	=	353.60	4.65
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	RA-228	=		
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	RU-106	<	5.00	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	SR-90	<	.60	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	TC-99	<	.60	
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	TH-228	=	.20	.10
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	TH-230	=	3.60	.30
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	TH-232	=	.10	.10
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	U-234	=	19.00	1.00
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	U-235	=	1.10	.20
	FMP-SL-24-192	1379584.30	477945.63	.16	.50	835.0	U-238	=	18.00	1.00
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	CS-137	<	.50	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	NP-237	<	.10	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	PB-210	=		
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	PU-238	<	.10	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	PU-239/240	<	.10	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	RA-226	=	15.43	1.11
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	RA-228	=		
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	RU-106	<	2.00	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	SR-90	<	1.00	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	TC-99	<	.40	
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	TH-228	=	.40	.10
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	TH-230	=	7.00	.30
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	TH-232	=	.40	.10
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	U-234	=	98.00	2.00
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	U-235	=	3.80	.50
	FMP-SL-24-197	1379623.62	477993.57	.16	.50	736.9	U-238	=	102.00	2.00
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	CS-137	<	.40	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	NP-237	<	.10	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	PB-210	=		
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	PU-238	<	.10	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	PU-239/240	<	.10	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	RA-226	=	73.92	2.66
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	RA-228	=		
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	RU-106	<	3.00	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	SR-90	<	.40	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	TC-99	<	.40	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	TH-228	<	.10	
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	TH-230	=	2.90	.30

*RA226 AND RA228,WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	TH-232	=	.10	.10
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	U-234	=	6.30	.40
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	U-235	=	.30	.10
	FMP-SL-24-199	1379566.60	477957.12	.16	.50	720.0	U-238	=	5.90	.40
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	CS-137	<	.80	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	NP-237	<	.20	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	PB-210	=		
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	PU-238	<	.10	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	PU-239/240	<	.10	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	RA-226	=	69.04	2.85
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	RA-228	=		
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	RU-106	<	4.00	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	SR-90	<	.60	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	TC-99	<	3.00	
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	TH-228	=	1.70	.50
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	TH-230	=	18.00	1.00
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	TH-232	=	1.50	.50
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	U-234	=	9.00	.50
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	U-235	=	.30	.10
	FMP-SL-24-206	1379341.69	477963.28	.16	.50	550.0	U-238	=	9.50	.50
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	CS-137	<	.40	
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	NP-237	<	.10	
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	PB-210	=		
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	PU-238	<	.20	
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	PU-239/240	<	.10	
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	RA-226	=	25.26	2.14
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	RA-228	=		
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	RU-106	<	2.00	
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	SR-90	<	.60	
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	TC-99	<	.40	
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	TH-228	=	8.00	.50
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	TH-230	=	27.00	1.00
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	TH-232	=	10.00	1.00
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	U-234	=	74.00	2.00
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	U-235	=	3.20	.50
	FMP-SL-24-236	1379423.53	477993.05	.16	.40	654.0	U-238	=	69.00	2.00
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	CS-137	<	.60	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	NP-237	<	.10	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	PB-210	=		
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	PU-238	<	.10	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	PU-239/240	<	.10	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	RA-226	=	55.48	2.17
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	RA-228	=		
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	RU-106	<	4.00	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	SR-90	<	.40	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	TC-99	<	.40	
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	TH-228	=	.30	.20
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	TH-230	=	9.70	.70
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	TH-232	=	.20	.10
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	U-234	=	8.30	.50
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	U-235	=	.40	.10
	FMP-SL-24-255	1379484.63	477959.36	.50	1.00	667.7	U-238	=	8.50	.50
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	CS-137	<	.70	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	NP-237	<	.10	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	PB-210	=		
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	PU-238	<	.10	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	PU-239/240	<	.10	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	RA-226	=	91.38	3.00
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	RA-228	=		
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	RU-106	<	4.00	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	SR-90	<	.30	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	TC-99	<	.40	
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	TH-228	=	.30	.10
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	TH-230	=	12.00	1.00
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	TH-232	=	.20	.10
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	U-234	=	49.00	1.00
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	U-235	=	2.40	.20
	FMP-SL-24-262	1379531.82	478002.09	.50	1.00	675.0	U-238	=	57.00	1.00
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	CS-137	=	.60	.40
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	NP-237	<	.10	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	PB-210	=		
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	PU-238	<	.10	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	PU-239/240	<	.10	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	RA-226	=	35.57	1.83
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	RA-228	=		
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	RU-106	<	3.00	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	SR-90	<	.40	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	TC-99	<	.40	
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	TH-228	=	.30	.10
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	TH-230	=	164.00	1.00
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	TH-232	=	.50	.10
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	U-234	=	15.00	1.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	U-235	=	.60	.10
	FMP-SS-24-046	1379633.30	477214.02	.00	.16	617.0	U-238	=	16.00	1.00
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	CS-137	<	.80	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	NP-237	<	.10	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	PB-210	=		
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	PU-238	<	.10	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	PU-239/240	<	.10	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	RA-226	<	18.67	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	RA-228	=		
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	RU-106	<	5.00	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	SR-90	<	.20	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	TC-99	<	.70	
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	TH-228	=	.50	.10
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	TH-230	=	14.00	1.00
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	TH-232	=	.20	.10
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	U-234	=	2850.00	40.00
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	U-235	=	356.00	14.00
	FMP-SS-24-081	1379491.11	477538.03	.00	.16	652.5	U-238	=	2940.00	40.00
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	CS-137	<	.70	
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	NP-237	<	.10	
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	PB-210	=		
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	PU-238	<	.10	
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	PU-239/240	<	.10	
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	RA-226	=	184.19	4.11
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	RA-228	=		
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	RU-106	<	6.00	
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	SR-90	<	.70	
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	TC-99	<	.50	
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	TH-228	=	.30	.10
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	TH-230	=	9.30	.40
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	TH-232	=	.20	.10
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	U-234	=	7.20	.40
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	U-235	=	.30	.10
	FMP-SS-24-123	1379640.73	477924.08	.00	.16	607.0	U-238	=	7.50	.40
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	CS-137	<	1.00	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	NP-237	<	.10	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	PB-210	=		
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	PU-238	<	.10	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	PU-239/240	<	.10	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	RA-226	=	279.65	5.23
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	RA-228	=		

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	RU-106	<	9.00	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	SR-90	<	.90	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	TC-99	<	.40	
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	TH-228	=	3.40	.70
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	TH-230	=	123.00	3.00
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	TH-232	=	3.40	.70
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	U-234	=	491.00	10.00
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	U-235	=	20.00	2.00
	FMP-SS-24-133	1379584.30	477945.63	.00	.16	678.0	U-238	=	500.00	10.00
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	CS-137	<	.80	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	NP-237	<	.10	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	PB-210	=		
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	PU-238	<	.10	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	PU-239/240	<	.10	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	RA-226	<	8.75	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	RA-228	=		
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	RU-106	<	5.00	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	SR-90	<	.40	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	TC-99	<	.60	
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	TH-228	=	2.20	.80
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	TH-230	=	.90	.60
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	TH-232	=	2.40	.80
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	U-234	=	254.00	3.00
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	U-235	=	40.00	1.00
	FMP-SS-24-137	1378954.35	477992.88	.00	.16	379.0	U-238	=	216.00	3.00
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	CS-137	<	.50	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	NP-237	<	.10	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	PB-210	=		
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	PU-238	<	.10	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	PU-239/240	<	.10	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	RA-226	<	4.21	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	RA-228	=		
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	RU-106	<	5.00	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	SR-90	<	.80	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	TC-99	<	.50	
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	TH-228	=	4.80	.30
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	TH-230	=	1.20	.50
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	TH-232	=	5.30	.80
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	U-234	=	99.00	1.00
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	U-235	=	4.20	.30
	FMP-SS-24-142	1379136.13	478018.92	.00	.16	586.0	U-238	=	94.00	1.00

*RA226 AND RA228,WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	CS-137	<	.60	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	NP-237	<	.10	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	PB-210	=		
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	PU-238	<	.10	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	PU-239/240	<	.10	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	RA-226	=	49.53	2.16
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	RA-228	=		
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	RU-106	<	3.00	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	SR-90	<	.30	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	TC-99	<	.70	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	TH-228	<	.10	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	TH-230	=	2.30	.30
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	TH-232	<	.10	
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	U-234	=	8.50	.40
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	U-235	=	.40	.10
	FMP-SS-24-151	1379697.91	477966.53	.00	.16	606.0	U-238	=	9.20	.40
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	CS-137	<	.40	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	NP-237	<	.10	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	PB-210	=		
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	PU-238	<	.10	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	PU-239/240	<	.10	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	RA-226	<	5.41	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	RA-228	=		
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	RU-106	<	3.00	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	SR-90	<	.40	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	TC-99	<	.60	
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	TH-228	=	34.00	2.00
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	TH-230	=	11.00	1.00
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	TH-232	=	37.00	2.00
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	U-234	=	12.00	1.00
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	U-235	=	.70	.10
	FMP-SS-24-183	1379212.77	477821.75	.00	.16	556.0	U-238	=	11.00	1.00
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	CS-137	<	.70	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	NP-237	<	.10	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	PB-210	=		
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	PU-238	<	.10	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	PU-239/240	<	.10	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	RA-226	=	48.39	2.25
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	RA-228	=		
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	RU-106	<	3.00	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	SR-90	<	.40	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	TC-99	<	.40	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	TH-228	=	.10	.10
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	TH-230	=	.20	.10
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	TH-232	<	.10	
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	U-234	=	4.60	.30
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	U-235	=	.20	.10
	FMP-SS-24-189	1379509.12	478049.73	.00	.16	570.0	U-238	=	6.60	.40
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	CS-137	<	.50	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	NP-237	<	.10	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	PB-210	=		
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	PU-238	<	.10	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	PU-239/240	<	.10	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	RA-226	=	33.99	2.00
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	RA-228	=		
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	RU-106	<	3.00	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	SR-90	<	.50	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	TC-99	<	.40	
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	TH-228	=	.30	.10
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	TH-230	=	11.00	1.00
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	TH-232	=	.30	.10
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	U-234	=	105.00	2.00
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	U-235	=	4.40	.30
	FMP-SS-24-196	1379623.62	477993.57	.00	.16	606.4	U-238	=	108.00	2.00
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	CS-137	=	.30	.20
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	NP-237	<	.10	
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	PB-210	=		
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	PU-238	<	.10	
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	PU-239/240	<	.10	
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	RA-226	=	.71	.36
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	RA-228	=		
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	RU-106	<	1.00	
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	SR-90	<	.50	
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	TC-99	<	3.00	
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	TH-228	=	1.50	.40
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	TH-230	=	32.00	2.00
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	TH-232	=	1.30	.40
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	U-234	=	115.00	2.00
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	U-235	=	5.50	.40
	FMP-SS-24-212	1379226.18	478092.48	.16	.50	723.0	U-238	=	129.00	2.00
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	CS-137	<	.20	
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	NP-237	<	.10	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	PB-210	=		
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	PU-238	<	.10	
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	PU-239/240	<	.10	
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	RA-226	=	1.50	.75
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	RA-228	=		
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	RU-106	<	2.00	
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	SR-90	<	.80	
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	TC-99	<	1.00	
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	TH-228	=	1.90	.20
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	TH-230	=	7.10	.40
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	TH-232	=	2.40	.20
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	U-234	=	117.00	2.00
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	U-235	=	4.90	.30
	FMP-SS-24-221	1379156.85	478081.38	.00	.16	662.0	U-238	=	124.00	2.00
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	CS-137	<	.80	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	NP-237	<	.10	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	PB-210	=		
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	PU-238	<	.10	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	PU-239/240	<	.10	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	RA-226	=	48.88	3.06
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	RA-228	=		
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	RU-106	<	4.00	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	SR-90	<	.70	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	TC-99	<	.40	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	TH-228	<	.90	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	TH-230	=	59.00	4.00
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	TH-232	<	.40	
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	U-234	=	82.00	1.00
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	U-235	=	1.90	.20
	FMP-SS-24-224	1378998.33	478210.76	.00	.16	329.0	U-238	=	40.00	1.00
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	CS-137	<	.40	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	NP-237	<	.10	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	PB-210	=		
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	PU-238	<	.10	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	PU-239/240	<	.10	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	RA-226	=	16.70	2.00
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	RA-228	=		
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	RU-106	<	3.00	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	SR-90	<	.50	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	TC-99	<	.40	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	TH-228	<	.10	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
24	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	TH-230	=	.10	.10
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	TH-232	<	.10	
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	U-234	=	44.00	1.00
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	U-235	=	1.90	.20
	FMP-SS-24-235	1379423.53	477993.05	.00	.16	604.0	U-238	=	42.00	1.00
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	CS-137	<	.90	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	NP-237	<	.10	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	PB-210	=		
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	PU-238	<	.10	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	PU-239/240	=	1.50	.40
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	RA-226	<	29.30	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	RA-228	=		
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	RU-106	<	9.00	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	SR-90	<	.40	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	TC-99	=	594.00	51.00
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	TH-228	<	.10	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	TH-230	=	.50	.10
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	TH-232	<	.10	
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	U-234	=	11400.00	100.00
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	U-235	=	2190.00	30.00
	FMP-SS-24-241	1378925.42	478068.70	.00	.50	426.0	U-238	=	8600.00	100.00
25	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	CS-137	<	.30	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	NP-237	<	.10	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	PB-210	=		
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	PU-238	<	.10	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	PU-239/240	<	.10	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	RA-226	=	13.12	.97
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	RA-228	=		
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	RU-106	<	2.00	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	SR-90	<	.80	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	TC-99	<	.40	
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	TH-228	=	.40	.20
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	TH-230	=	69.00	2.00
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	TH-232	=	.20	.20
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	U-234	=	12.00	1.00
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	U-235	=	.40	.10
	FMP-SL-25-013	1379946.30	476990.37	.16	.50	832.0	U-238	=	14.00	1.00
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	CS-137	<	.20	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	NP-237	<	.10	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	PB-210	=		
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	PU-238	<	.20	

*RA226 AND RA228,WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
25	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	PU-239/240	<	.20	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	RA-226	=	14.16	1.06
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	RA-228	=		
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	RU-106	<	2.00	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	SR-90	<	.80	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	TC-99	<	.40	
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	TH-228	=	2.20	.30
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	TH-230	=	15.00	1.00
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	TH-232	=	.90	.20
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	U-234	=	35.00	1.00
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	U-235	=	2.50	.30
	FMP-SL-25-014	1379946.30	476990.37	.50	1.00	856.0	U-238	=	148.00	2.00
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	CS-137	<	.20	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	NP-237	<	.10	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	PB-210	=		
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	PU-238	<	.10	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	PU-239/240	<	.10	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	RA-226	=	10.78	.96
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	RA-228	=		
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	RU-106	<	2.00	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	SR-90	<	.40	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	TC-99	<	.50	
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	TH-228	=	1.40	.30
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	TH-230	=	52.00	2.00
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	TH-232	=	1.40	.30
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	U-234	=	17.00	1.00
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	U-235	=	.80	.20
	FMP-SL-25-016	1379933.66	477003.72	.16	.50	746.0	U-238	=	19.00	1.00
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	CS-137	=	.70	.20
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	NP-237	<	.10	
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	PB-210	=		
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	PU-238	<	.30	
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	PU-239/240	<	.20	
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	RA-226	=	4.07	.70
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	RA-228	=		
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	RU-106	<	2.00	
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	SR-90	<	.40	
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	TC-99	<	.50	
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	TH-228	=	.30	.10
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	TH-230	=	1.30	.20
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	TH-232	=	.20	.10

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
25	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	U-234	=	21.00	1.00
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	U-235	=	.80	.30
	FMP-SL-25-022	1379957.61	476965.05	.16	.50	723.0	U-238	=	22.00	1.00
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	CS-137	<	.40	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	NP-237	<	.10	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	PB-210	=		
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	PU-238	<	.10	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	PU-239/240	<	.10	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	RA-226	=	14.20	1.11
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	RA-228	=		
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	RU-106	<	2.00	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	SR-90	<	1.00	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	TC-99	<	3.00	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	TH-228	<	.10	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	TH-230	=	2.40	.30
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	TH-232	<	.10	
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	U-234	=	41.00	1.00
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	U-235	=	4.90	.50
	FMP-SS-25-012	1379946.30	476990.37	.00	.16	759.0	U-238	=	253.00	3.00
26	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	CS-137	<	.40	
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	NP-237	<	.10	
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	PB-210	=		
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	PU-238	<	.10	
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	PU-239/240	<	.10	
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	RA-226	=	1.42	1.18
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	RA-228	=		
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	RU-106	<	2.00	
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	SR-90	<	.30	
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	TC-99	<	1.00	
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	TH-228	=	.40	.10
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	TH-230	=	1.30	.20
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	TH-232	=	.20	.10
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	U-234	=	11.00	1.00
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	U-235	=	.90	.20
	FMP-SD-26-001	1379338.00	482053.00	.00	.30	206.0	U-238	=	46.00	1.00
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	CS-137	<	.30	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	NP-237	<	.10	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	PB-210	=		
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	PU-238	<	.10	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	PU-239/240	<	.10	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	RA-226	=	1.42	.63

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
26	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	RA-228	=		
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	RU-106	<	2.00	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	SR-90	<	.40	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	TC-99	<	2.00	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	TH-228	=	.30	.20
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	TH-230	=	1.90	.30
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	TH-232	<	.10	
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	U-234	=	3.60	.30
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	U-235	=	.20	.10
	FMP-SD-26-005	1378961.00	482163.00	.00	.40	454.0	U-238	=	12.00	1.00
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	CS-137	<	.20	
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	NP-237	<	.10	
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	PB-210	=		
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	PU-238	<	.10	
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	PU-239/240	<	.10	
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	RA-226	<	2.82	
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	RA-228	=		
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	RU-106	<	2.00	
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	SR-90	<	.50	
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	TC-99	<	1.00	
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	TH-228	=	.10	.10
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	TH-230	=	.90	.20
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	TH-232	<	.10	
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	U-234	=	3.30	.30
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	U-235	=	.20	.10
	FMP-SD-26-007	1378768.00	482211.00	.00	.30	455.0	U-238	=	12.00	1.00
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	CS-137	<	.20	
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	NP-237	<	.80	
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	PB-210			
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	PU-238	<	.10	
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	PU-239	<	.10	
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	RA-226			
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	RA-228			
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	RU-106	<	2.00	
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	SR-90	<	.70	
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	TC-99	<	2.00	
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	TH-228	=	.10	.10
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	TH-230	=	.40	.10
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	TH-232	<	.10	
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	U-234	=	2.00	.20
	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	U-235	=	.10	.10

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
26	FMP-SD-26-018	1377710.00	482053.00	.00	.30	538.0	U-238	=	5.00	.30
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	CS-137	<	.30	
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	NP-237	<	.10	
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	PB-210	=		
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	PU-238	<	.10	
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	PU-239/240	<	.10	
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	RA-226	=	.82	.47
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	RA-228	=		
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	RU-106	<	2.00	
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	SR-90	<	.40	
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	TC-99	<	.60	
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	TH-228	=	.20	.10
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	TH-230	=	.30	.10
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	TH-232	=	.10	.10
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	U-234	=	2.60	.30
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	U-235	=	.20	.10
	FMP-SD-26-020	1377516.00	482527.00	.00	.10	487.0	U-238	=	7.70	.50
28	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	CS-137	=	.50	.20
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	NP-237	<	.10	
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	PB-210	=		
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	PU-238	<	.10	
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	PU-239/240	<	.10	
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	RA-226	<	2.96	
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	RA-228	=		
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	RU-106	<	2.00	
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	SR-90	<	.80	
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	TC-99	=	8.60	.70
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	TH-228	=	.30	.10
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	TH-230	=	.90	.10
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	TH-232	=	.20	.10
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	U-234	=	19.00	1.00
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	U-235	=	2.40	.20
	FMP-SD-28-002	1378955.52	481946.33	.00	.40	706.0	U-238	=	111.00	1.00
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	CS-137	=	.60	.60
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	NP-237	<	.10	
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	PB-210	=		
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	PU-238	<	.10	
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	PU-239/240	<	.10	
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	RA-226	<	.40	
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	RA-228	=		
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	RU-106	<	3.00	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
28	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	SR-90	<	.80	
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	TC-99	=	10.00	1.00
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	TH-228	=	1.70	.30
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	TH-230	=	9.00	.60
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	TH-232	=	.80	.20
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	U-234	=	121.00	4.00
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	U-235	=	12.00	1.00
	FMP-SD-28-007	1378955.52	481946.33	.00	.30	686.0	U-238	=	728.00	9.00
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	CS-137	<	.40	
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	NP-237	<	.10	
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	PB-210	=		
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	PU-238	<	.10	
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	PU-239/240	<	.10	
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	RA-226	<	3.20	
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	RA-228	=		
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	RU-106	<	3.00	
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	SR-90	<	.30	
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	TC-99	=	13.00	1.00
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	TH-228	=	.20	.10
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	TH-230	=	.10	.10
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	TH-232	=	.10	.10
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	U-234	=	133.00	4.00
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	U-235	=	26.00	2.00
	FMP-SD-28-008	1378898.40	481942.89	.00	.30	727.0	U-238	=	761.00	9.00
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	CS-137	<	3.00	
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	NP-237	<	.20	
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	PB-210	=		
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	PU-238	=	.30	.10
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	PU-239/240	=	.20	.10
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	RA-226	<	2.25	
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	RA-228	=		
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	RU-106	<	2.00	
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	SR-90	<	.30	
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	TC-99	=	17.00	1.00
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	TH-228	=	2.60	.30
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	TH-230	=	7.60	.50
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	TH-232	=	1.10	.20
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	U-234	=	62.00	2.00
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	U-235	=	14.00	1.00
	FMP-SD-28-010	1378801.16	481935.55	.00	.40	733.0	U-238	=	338.00	4.00
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	CS-137	<	.40	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
28	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	NP-237	<	.10	
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	PB-210	=		
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	PU-238	<	.10	
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	PU-239/240	<	.10	
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	RA-226	<	4.97	
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	RA-228	=		
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	RU-106	<	3.00	
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	SR-90	<	.40	
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	TC-99	=	16.00	1.00
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	TH-228	=	.20	.10
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	TH-230	=	.90	.10
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	TH-232	<	.10	
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	U-234	=	85.00	2.00
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	U-235	=	18.00	1.00
	FMP-SD-28-011	1378757.13	481934.76	.00	.30	637.0	U-238	=	446.00	6.00
31	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	CS-137	<	.20	
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	NP-237	<	.10	
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	PB-210	=		
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	PU-238	<	.10	
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	PU-239/240	<	.10	
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	RA-226	=	1.70	.78
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	RA-228	=		
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	RU-106	<	2.00	
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	SR-90	<	.20	
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	TC-99	=	6.80	.60
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	TH-228	=	.40	.10
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	TH-230	=	.90	.10
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	TH-232	=	.30	.10
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	U-234	=	3.30	.30
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	U-235	=	.30	.10
	FMP-SD-31-003	1377982.00	481088.00	.00	.50	619.0	U-238	=	8.90	.60
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	CS-137	<	.20	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	NP-237	<	.10	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	PB-210	=		
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	PU-238	<	.20	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	PU-239/240	<	.10	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	RA-226	<	1.20	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	RA-228	=		
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	RU-106	<	2.00	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	SR-90	<	.50	
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	TC-99	<	3.00	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
31	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	TH-228	=	.30	.10
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	TH-230	=	2.40	.30
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	TH-232	=	.20	.10
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	U-234	=	3.40	.40
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	U-235	=	.15	.08
	FMP-SD-31-005	1377854.00	481231.00	.00	.50	541.0	U-238	=	5.70	.50
36	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	CS-137	=	1.10	.50
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	NP-237	<	.10	
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	PB-210	=		
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	PU-238	=	.10	.10
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	PU-239/240	=	.30	.10
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	RA-226	<	1.81	
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	RA-228	=		
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	RU-106	<	2.00	
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	SR-90	<	.40	
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	TC-99	=	8.60	.70
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	TH-228	=	1.00	.20
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	TH-230	=	4.00	.30
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	TH-232	=	.60	.10
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	U-234	=	89.00	3.00
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	U-235	=	27.00	1.00
	FMP-SD-36-001	1379157.56	481652.69	.00	.40	683.0	U-238	=	480.00	6.00
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	CS-137	<	.40	
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	NP-237	<	.10	
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	PB-210	=		
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	PU-238	=	.30	.10
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	PU-239/240	=	.30	.10
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	RA-226	<	4.15	
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	RA-228	=		
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	RU-106	<	2.00	
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	SR-90	<	.90	
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	TC-99	=	7.00	.60
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	TH-228	=	1.10	.20
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	TH-230	=	5.10	.40
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	TH-232	=	.60	.10
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	U-234	=	131.00	4.00
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	U-235	=	29.00	2.00
	FMP-SD-36-002	1379126.58	481617.53	.00	.30	633.0	U-238	=	746.00	8.00
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	CS-137	=	.40	.30
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	NP-237	<	.30	
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	PB-210	=		

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
36	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	PU-238	<	.10	
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	PU-239/240	=	.20	.10
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	RA-226	<	5.83	
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	RA-228	=		
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	RU-106	<	2.00	
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	SR-90	<	.20	
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	TC-99	=	8.30	.60
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	TH-228	=	.20	.10
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	TH-230	=	.50	.20
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	TH-232	=	.10	.10
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	U-234	=	71.00	2.00
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	U-235	=	9.40	.70
	FMP-SD-36-003	1379092.50	481578.45	.00	.30	612.0	U-238	=	369.00	5.00
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	CS-137	<	.60	
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	NP-237	<	.20	
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	PB-210	=		
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	PU-238	=	.30	.10
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	PU-239/240	=	.20	.10
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	RA-226	<	4.16	
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	RA-228	=		
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	RU-106	<	2.00	
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	SR-90	<	.20	
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	TC-99	=	17.00	1.00
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	TH-228	=	1.30	.20
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	TH-230	=	6.10	.40
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	TH-232	=	.50	.10
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	U-234	=	126.00	3.00
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	U-235	=	33.00	2.00
	FMP-SD-36-004	1378965.66	481512.89	.00	.30	608.0	U-238	=	696.00	7.00
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	CS-137	<	.30	
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	NP-237	<	.10	
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	PB-210	=		
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	PU-238	=	.20	.10
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	PU-239/240	=	.10	.10
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	RA-226	<	2.87	
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	RA-228	=		
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	RU-106	<	2.00	
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	SR-90	<	.30	
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	TC-99	=	9.30	.70
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	TH-228	=	.70	.10
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	TH-230	=	4.40	.30

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
36	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	TH-232	=	.30	.10
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	U-234	=	126.00	3.00
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	U-235	=	33.00	2.00
	FMP-SD-36-006	1378600.61	481369.83	.00	.50	531.0	U-238	=	696.00	7.00
45	FMP-SS-45-014S	.00	.00	.00	.50	588.0	CS-137	=	.30	.10
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	NP-237	<	.10	
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	PB-210	=		
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	PU-238	<	.10	
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	PU-239/240	<	.10	
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	RA-226	=	.63	.25
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	RA-228	=		
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	RU-106	<	.20	
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	SR-90	=	.50	.30
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	TC-99	<	.20	
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	TH-228	=		
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	TH-230	=	.80	.20
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	TH-232	=		
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	U-234	=	.90	.10
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	U-235	=	.10	.02
	FMP-SS-45-014S	.00	.00	.00	.50	588.0	U-238	=	.70	.10
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	CS-137	=	.40	.10
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	NP-237	<	.10	
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	PB-210	=		
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	PU-238	<	.10	
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	PU-239/240	<	.10	
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	RA-226	=	.94	.13
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	RA-228	=		
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	RU-106	<	.30	
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	SR-90	=	.40	.20
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	TC-99	<	.20	
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	TH-228	=		
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	TH-230	=	.90	.30
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	TH-232	=		
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	U-234	=	.70	.20
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	U-235	=	.10	.03
	FMP-SS-45-015S	.00	.00	.00	.50	524.0	U-238	=	.90	.20
46	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	CS-137	<	.20	
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	NP-237	<	.10	
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	PB-210	=		
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	PU-238	<	.10	
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	PU-239/240	<	.10	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	RA-226	=	.89	.63
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	RA-228	=		
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	RU-106	<	3.00	
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	SR-90	<	.50	
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	TC-99	<	1.60	
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	TH-228	=	1.30	.30
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	TH-230	=	8.90	.70
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	TH-232	=	1.00	.30
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	U-234	=	183.00	3.00
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	U-235	=	17.00	1.00
	FMP-SL-46-238	1379710.97	482098.72	.50	1.00	575.0	U-238	=	330.00	5.00
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	CS-137	<	.20	
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	NP-237	<	.10	
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	PB-210	=		
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	PU-238	<	.10	
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	PU-239/240	<	.10	
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	RA-226	=	1.15	.77
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	RA-228	=		
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	RU-106	<	2.00	
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	SR-90	<	.50	
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	TC-99	<	1.50	
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	TH-228	=	1.00	.20
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	TH-230	=	14.00	1.00
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	TH-232	=	.80	.20
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	U-234	=	58.00	2.00
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	U-235	=	5.80	.70
	FMP-SL-46-242	1379151.60	481763.90	1.00	1.50	602.0	U-238	=	386.00	6.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	CS-137	<	1.00	
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	NP-237	=	4.60	1.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	PB-210	=		
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	PU-238	=	34.00	2.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	PU-239/240	=	8.60	.80
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	RA-226	=	19.49	5.75
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	RA-228	=		
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	RU-106	<	9.00	
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	SR-90	<	.60	
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	TC-99	=	1540.00	100.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	TH-228	=	61.00	2.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	TH-230	=	31.00	2.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	TH-232	=	52.00	3.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	U-234	=	780.00	20.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	U-235	=	81.00	6.00
	FMP-SL-46-261	1378234.15	481138.77	1.00	1.50	472.0	U-238	=	2520.00	30.00
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	CS-137	=	.30	.10
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	NP-237	<	.10	
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	PB-210	=		
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	PU-238	<	.10	
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	PU-239/240	<	.10	
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	RA-226	<	.93	
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	RA-228	=		
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	RU-106	<	1.00	
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	SR-90	<	.40	
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	TC-99	=	14.00	1.00
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	TH-228	=	.60	.50
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	TH-230	=	3.30	.80
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	TH-232	=	1.10	.70
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	U-234	=	7.60	.40
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	U-235	=	.40	.10
	FMP-SL-46-268	1379575.44	480801.94	.16	.50	742.0	U-238	=	9.90	.50
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	CS-137	<	.30	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	NP-237	<	.40	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	PB-210	=		
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	PU-238	<	.10	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	PU-239/240	<	.10	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	RA-226	<	1.36	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	RA-228	=		
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	RU-106	<	2.00	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	SR-90	<	.70	
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	TC-99	=	4.00	.50
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	TH-228	=	1.20	.20
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	TH-230	=	5.80	.50
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	TH-232	=	1.40	.20
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	U-234	=	122.00	4.00
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	U-235	=	40.00	2.00
	FMP-SL-46-277	1379729.49	480947.78	.16	.50	542.0	U-238	=	609.00	8.00
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	CS-137	<	.20	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	NP-237	<	.10	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	PB-210	=		
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	PU-238	<	.10	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	PU-239/240	<	.10	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	RA-226	=	.85	.28
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	RA-228	=		

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	RU-106	<	1.00	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	SR-90	<	.20	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	TC-99	<	1.00	
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	TH-228	=	1.00	.20
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	TH-230	=	1.50	.20
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	TH-232	=	.80	.20
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	U-234	=	1.40	.20
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	U-235	=	.10	.10
	FMP-SL-46-288	1379578.17	480901.91	1.50	2.00	622.0	U-238	=	2.30	.30
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	CS-137	=	1.10	.30
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	NP-237	<	.20	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	PB-210	=		
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	PU-238	<	.10	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	PU-239/240	<	.10	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	RA-226	<	4.39	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	RA-228	=		
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	RU-106	<	1.00	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	SR-90	<	.30	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	TC-99	<	3.00	
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	TH-228	=	.80	.20
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	TH-230	=	4.00	.40
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	TH-232	=	.90	.20
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	U-234	=	4.10	.30
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	U-235	=	.20	.10
	FMP-SL-46-296	1379586.38	481201.79	.16	.50	130.0	U-238	=	5.80	.40
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	CS-137	<	.20	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	NP-237	<	.10	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	PB-210	=		
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	PU-238	<	.10	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	PU-239/240	<	.10	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	RA-226	=	.61	.24
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	RA-228	=		
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	RU-106	<	2.00	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	SR-90	<	.80	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	TC-99	<	.50	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	TH-228	<	.10	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	TH-230	=	.10	.10
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	TH-232	<	.10	
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	U-234	=	2.60	.30
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	U-235	=	.10	.10
	FMP-SL-46-297	1379586.38	481201.79	.50	1.00	704.0	U-238	=	8.20	.50

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	CS-137	<	.20	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	NP-237	<	.10	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	PB-210	=		
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	PU-238	<	.10	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	PU-239/240	<	.10	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	RA-226	=	.60	.36
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	RA-228	=		
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	RU-106	<	2.00	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	SR-90	<	.30	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	TC-99	<	.60	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	TH-228	<	.10	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	TH-230	=	.20	.10
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	TH-232	<	.10	
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	U-234	=	2.00	.20
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	U-235	=	.10	.10
	FMP-SL-46-298	1379586.38	481201.79	1.00	1.50	736.0	U-238	=	4.50	.30
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	CS-137	<	.20	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	NP-237	<	.10	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	PB-210	=		
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	PU-238	<	.10	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	PU-239/240	<	.10	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	RA-226	=	1.09	.49
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	RA-228	=		
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	RU-106	<	2.00	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	SR-90	<	.20	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	TC-99	<	.40	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	TH-228	<	.10	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	TH-230	=	.10	.10
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	TH-232	<	.10	
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	U-234	=	1.60	.20
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	U-235	=	.10	.10
	FMP-SL-46-299	1379586.38	481201.79	1.50	2.00	707.0	U-238	=	5.60	.40
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	CS-137	=	1.00	.40
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	NP-237	<	.10	
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	PB-210	=		
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	PU-238	=	.50	.20
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	PU-239/240	=	.30	.20
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	RA-226	=	5.94	.87
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	RA-228	=		
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	RU-106	<	2.00	
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	SR-90	<	.80	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	TC-99	=	5.00	1.50
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	TH-228	=	9.10	.80
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	TH-230	=	104.00	3.00
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	TH-232	=	8.40	.80
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	U-234	=	91.00	2.00
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	U-235	=	6.40	.40
	FMP-SL-46-394	1378535.41	481180.54	.50	1.00	674.0	U-238	=	180.00	10.00
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	CS-137	<	.20	
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	NP-237	<	.10	
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	PB-210	=		
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	PU-238	=	.20	.20
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	PU-239/240	=	.20	.10
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	RA-226	<	2.43	
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	RA-228	=		
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	RU-106	<	2.00	
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	SR-90	<	.60	
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	TC-99	<	2.00	
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	TH-228	=	1.50	.30
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	TH-230	=	13.00	1.00
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	TH-232	=	.90	.20
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	U-234	=	36.00	1.00
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	U-235	=	4.40	.30
	FMP-SL-46-397	1378894.85	481520.83	.50	1.00	653.0	U-238	=	159.00	2.00
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	CS-137	<	.20	
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	NP-237	<	.10	
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	PB-210	=		
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	PU-238	<	.10	
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	PU-239/240	<	.10	
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	RA-226	=	1.68	.36
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	RA-228	=		
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	RU-106	<	2.00	
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	SR-90	<	.20	
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	TC-99	<	2.00	
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	TH-228	=	1.00	.30
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	TH-230	=	4.30	.60
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	TH-232	=	.60	.20
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	U-234	=	2.10	.30
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	U-235	=	.10	.07
	FMP-SL-46-400	1379290.60	481359.95	.50	1.00	681.0	U-238	=	3.60	.30
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	CS-137	=	1.10	.40
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	NP-237	<	.20	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	PB-210	=		
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	PU-238	<	.30	
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	PU-239/240	<	.10	
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	RA-226	=	5.20	1.09
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	RA-228	=		
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	RU-106	<	2.00	
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	SR-90	<	.80	
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	TC-99	<	4.00	
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	TH-228	=	9.10	.40
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	TH-230	=	12.00	1.00
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	TH-232	=	4.10	.30
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	U-234	=	21.00	1.00
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	U-235	=	1.20	.20
	FMP-SL-46-415	1380233.71	482228.47	.50	1.00	514.0	U-238	=	85.00	2.00
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	CS-137	<	.30	
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	NP-237	<	.10	
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	PB-210	=		
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	PU-238	<	.10	
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	PU-239/240	<	.10	
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	RA-226	=	5.61	.65
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	RA-228	=		
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	RU-106	<	2.00	
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	SR-90	<	.50	
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	TC-99	=	17.00	2.00
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	TH-228	=	.10	.10
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	TH-230	=	2.30	.20
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	TH-232	<	.10	
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	U-234	=	8.20	.30
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	U-235	=	.40	.10
	FMP-SL-46-527	1379796.09	480420.76	.16	.50	739.0	U-238	=	9.90	.30
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	CS-137	<	.70	
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	NP-237	<	.20	
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	PB-210	=		
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	PU-238	<	.10	
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	PU-239/240	<	.10	
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	RA-226	=	23.31	6.88
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	RA-228	=		
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	RU-106	<	5.00	
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	SR-90	<	.60	
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	TC-99	<	.40	
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	TH-228	=	29.00	3.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	TH-230	=	800.00	12.00
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	TH-232	=	29.00	3.00
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	U-234	=	54.00	2.00
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	U-235	=	2.40	.40
	FMP-SL-46-538	1379745.26	480391.14	.16	.50	471.0	U-238	=	54.00	2.00
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	CS-137	<	.70	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	NP-237	<	.30	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	PB-210	=		
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	PU-238	<	.10	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	PU-239/240	<	.10	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	RA-226	=	10.45	1.55
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	RA-228	=		
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	RU-106	<	3.00	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	SR-90	<	.30	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	TC-99	<	2.00	
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	TH-228	=	16.00	1.00
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	TH-230	=	251.00	4.00
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	TH-232	=	18.00	1.00
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	U-234	=	22.00	1.00
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	U-235	=	.90	.20
	FMP-SL-46-543	1379689.80	480411.67	.16	.50	480.2	U-238	=	23.00	1.00
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	CS-137	<	.20	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	NP-237	<	.10	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	PB-210	=		
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	PU-238	<	.10	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	PU-239/240	<	.10	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	RA-226	=	10.55	1.03
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	RA-228	=		
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	RU-106	<	2.00	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	SR-90	<	.20	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	TC-99	<	.40	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	TH-228	<	.10	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	TH-230	<	.10	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	TH-232	<	.10	
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	U-234	=	2.10	.30
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	U-235	=	.10	.10
	FMP-SL-46-603	1378946.04	481344.37	.16	.50	594.0	U-238	=	4.50	.40
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	CS-137	<	.20	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	NP-237	<	.40	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	PB-210	=		
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	PU-238	<	.20	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	PU-239/240	<	.10	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	RA-226	=	12.29	1.26
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	RA-228	=		
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	RU-106	<	2.00	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	SR-90	<	.30	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	TC-99	<	.50	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	TH-228	<	.10	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	TH-230	=	.40	.10
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	TH-232	<	.10	
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	U-234	=	5.20	.30
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	U-235	=	.30	.10
	FMP-SL-46-605	1378984.38	481356.32	.16	.50	605.0	U-238	=	22.00	1.00
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	CS-137	=	16.00	1.00
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	NP-237	<	.10	
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	PB-210	=		
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	PU-238	<	.20	
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	PU-239/240	<	.10	
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	RA-226	=	12.12	1.35
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	RA-228	=		
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	RU-106	<	2.00	
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	SR-90	<	.60	
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	TC-99	=	19.00	1.00
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	TH-228	=	.60	.10
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	TH-230	=	6.20	.30
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	TH-232	=	.50	.10
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	U-234	=	29.00	1.00
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	U-235	=	1.60	.20
	FMP-SL-46-624	1378983.86	482031.59	.16	.50	655.0	U-238	=	34.00	1.00
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	CS-137	=	.90	.40
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	NP-237	<	.10	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	PB-210	=		
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	PU-238	<	.10	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	PU-239/240	<	.10	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	RA-226	=	17.42	1.29
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	RA-228	=		
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	RU-106	<	2.00	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	SR-90	<	.10	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	TC-99	<	3.00	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	TH-228	<	.10	
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	TH-230	=	.10	.10
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	TH-232	<	.10	

*RA226 AND RA228,WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	U-234	=	152.00	2.00
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	U-235	=	33.00	1.00
	FMP-SL-46-668	1379296.43	481353.78	.50	1.00	579.0	U-238	=	583.00	5.00
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	CS-137	=	.40	.20
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	NP-237	<	.10	
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	PB-210	=		
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	PU-238	<	.10	
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	PU-239/240	<	.10	
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	RA-226	=	.78	.52
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	RA-228	=		
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	RU-106	<	2.00	
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	SR-90	<	.80	
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	TC-99	<	3.00	
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	TH-228	=	.80	.40
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	TH-230	=	2.40	.50
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	TH-232	=	.80	.40
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	U-234	=	28.00	1.00
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	U-235	=	2.10	.30
	FMP-SS-46-037	1379252.93	481811.14	.00	.50	797.0	U-238	=	157.00	2.00
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	CS-137	<	.30	
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	NP-237	<	.20	
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	PB-210	=		
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	PU-238	=	.00	.10
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	PU-239/240	=	.00	.10
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	RA-226	=	.88	.38
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	RA-228	=		
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	RU-106	<	2.00	
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	SR-90	<	.30	
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	TC-99	<	.30	
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	TH-228	=	.70	.20
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	TH-230	=	1.60	.20
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	TH-232	=	.60	.20
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	U-234	=	4.60	.30
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	U-235	=	.40	.10
	FMP-SS-46-045	1379351.52	481758.43	.00	.50	817.0	U-238	=	23.00	1.00
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	CS-137	=	.40	.20
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	NP-237	<	.30	
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	PB-210	=		
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	PU-238	<	.10	
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	PU-239/240	<	.10	
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	RA-226	=	1.12	.70

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	RA-228	=		
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	RU-106	<	2.00	
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	SR-90	<	.50	
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	TC-99	<	2.60	
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	TH-228	=	2.40	.50
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	TH-230	=	11.00	1.00
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	TH-232	=	1.40	.30
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	U-234	=	55.00	2.00
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	U-235	=	5.70	.50
	FMP-SS-46-059	1379096.15	481565.34	.00	.50	661.0	U-238	=	280.00	4.00
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	CS-137	=	.50	.20
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	NP-237	<	.30	
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	PB-210	=		
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	PU-238	=	.20	.10
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	PU-239/240	<	.10	
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	RA-226	=	1.14	.71
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	RA-228	=		
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	RU-106	<	2.00	
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	SR-90	<	1.00	
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	TC-99	<	1.10	
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	TH-228	=	2.10	.40
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	TH-230	=	5.40	.70
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	TH-232	=	1.20	.30
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	U-234	=	21.00	1.00
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	U-235	=	1.70	.20
	FMP-SS-46-075	1380014.96	482240.46	.00	.50	637.0	U-238	=	100.00	2.00
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	CS-137	=	.40	.20
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	NP-237	<	.30	
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	PB-210	=		
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	PU-238	=	.70	.30
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	PU-239/240	=	.80	.30
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	RA-226	=	1.28	.64
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	RA-228	=		
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	RU-106	<	2.00	
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	SR-90	<	.30	
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	TC-99	=	9.60	.60
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	TH-228	=	.90	.40
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	TH-230	=	3.00	.70
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	TH-232	=	1.10	.40
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	U-234	=	140.00	4.00
	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	U-235	=	15.00	1.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-098	1379755.48	481897.43	.00	.50	750.0	U-238	=	700.00	9.00
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	CS-137	=	1.60	.40
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	NP-237	<	.10	
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	PB-210	=		
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	PU-238	<	.20	2.00
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	PU-239/240	<	.10	
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	RA-226	=	2.80	.64
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	RA-228	=		
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	RU-106	<	2.00	
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	SR-90	<	.70	
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	TC-99	=	2.60	.40
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	TH-228	=	3.10	.40
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	TH-230	=	74.00	2.00
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	TH-232	=	3.00	.40
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	U-234	=	88.00	1.00
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	U-235	=	6.50	.30
	FMP-SS-46-112	1378435.44	481183.28	.00	.50	843.7	U-238	=	210.00	2.00
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	CS-137	<	.20	
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	NP-237	<	.30	
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	PB-210	=		
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	PU-238	=	.60	.20
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	PU-239/240	=	.30	.10
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	RA-226	=	2.49	.95
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	RA-228	=		
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	RU-106	<	1.00	
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	SR-90	<	.70	
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	TC-99	=	6.50	.40
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	TH-228	=	7.40	.50
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	TH-230	=	61.00	1.00
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	TH-232	=	5.50	.50
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	U-234	=	67.00	1.00
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	U-235	=	3.90	.30
	FMP-SS-46-136	1378535.41	481180.54	.00	.50	843.5	U-238	=	155.00	2.00
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	CS-137	<	.20	
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	NP-237	<	.10	
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	PB-210	=		
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	PU-238	<	.20	
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	PU-239/240	<	.10	
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	RA-226	=	6.08	.97
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	RA-228	=		
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	RU-106	<	1.00	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	SR-90	<	.40	
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	TC-99	<	.60	
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	TH-228	=	1.10	.20
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	TH-230	=	6.30	.40
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	TH-232	=	1.00	.20
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	U-234	=	3.10	.20
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	U-235	=	.20	.10
	FMP-SS-46-152	1379241.99	481411.29	.00	.50	718.1	U-238	=	4.80	.30
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	CS-137	<	.80	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	NP-237	<	.20	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	PB-210	=		
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	PU-238	<	.10	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	PU-239/240	<	.10	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	RA-226	=	33.38	2.59
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	RA-228	=		
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	RU-106	<	3.00	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	SR-90	<	.30	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	TC-99	<	.90	
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	TH-228	=	2.10	.60
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	TH-230	=	9.40	1.20
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	TH-232	=	2.30	.60
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	U-234	=	4.10	.40
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	U-235	=	.20	.10
	FMP-SS-46-175	1379290.60	481359.95	.00	.50	782.0	U-238	=	5.80	.40
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	CS-137	=	.60	.30
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	NP-237	<	.10	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	PB-210	=		
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	PU-238	<	.20	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	PU-239/240	<	.10	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	RA-226	<	2.09	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	RA-228	=		
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	RU-106	<	2.00	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	SR-90	<	.30	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	TC-99	=	5.10	.60
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	TH-228	<	.10	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	TH-230	=	.50	.10
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	TH-232	<	.10	
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	U-234	=	2.30	.40
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	U-235	=	.20	.10
	FMP-SS-46-186	1379729.49	480947.78	.00	.50	697.0	U-238	=	8.60	.70
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	CS-137	=	.60	.30

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	NP-237	<	.20	
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	PB-210	=		
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	PU-238	=	.30	.20
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	PU-239/240	<	.10	
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	RA-226	<	.86	
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	RA-228	=		
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	RU-106	<	1.00	
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	SR-90	=	.80	.50
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	TC-99	=	4.00	.30
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	TH-228	=	3.40	.30
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	TH-230	=	31.00	1.00
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	TH-232	=	2.80	.30
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	U-234	=	24.00	1.00
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	U-235	=	1.80	.20
	FMP-SS-46-187	1379624.05	480750.59	.00	.50	762.6	U-238	=	86.00	1.00
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	CS-137	=	2.60	.50
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	NP-237	<	.30	
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	PB-210	=		
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	PU-238	<	.10	
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	PU-239/240	<	.10	
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	RA-226	=	7.00	.95
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	RA-228	=		
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	RU-106	<	2.00	
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	SR-90	<	.30	
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	TC-99	<	4.00	
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	TH-228	=	.80	.50
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	TH-230	=	295.00	9.00
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	TH-232	=	1.00	.60
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	U-234	=	6.10	.40
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	U-235	=	.40	.10
	FMP-SS-46-206	1378423.13	480733.44	.00	.16	486.0	U-238	=	9.30	.50
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	CS-137	=	1.10	.50
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	NP-237	<	.10	
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	PB-210	=		
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	PU-238	=	.40	.10
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	PU-239/240	=	.10	.10
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	RA-226	=	5.25	.83
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	RA-228	=		
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	RU-106	<	3.00	
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	SR-90	<	.80	
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	TC-99	=	4.80	.80

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	TH-228	=	8.30	.60
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	TH-230	=	185.00	3.00
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	TH-232	=	6.60	.50
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	U-234	=	54.00	1.00
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	U-235	=	3.60	.30
	FMP-SS-46-214	1378920.21	480619.80	.00	.16	534.0	U-238	=	143.00	2.00
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	CS-137	=	.90	.30
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	NP-237	<	.10	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	PB-210	=		
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	PU-238	<	.10	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	PU-239/240	<	.10	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	RA-226	<	.79	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	RA-228	=		
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	RU-106	<	1.00	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	SR-90	<	.30	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	TC-99	<	4.00	
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	TH-228	=	1.20	.40
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	TH-230	=	3.40	.60
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	TH-232	=	1.10	.40
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	U-234	=	5.10	.50
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	U-235	=	.30	.10
	FMP-SS-46-267	1379575.44	480801.94	.00	.16	684.0	U-238	=	6.30	.60
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	CS-137	=	.40	.20
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	NP-237	<	.10	
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	PB-210	=		
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	PU-238	<	.10	
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	PU-239/240	<	.10	
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	RA-226	=	.60	.36
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	RA-228	=		
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	RU-106	<	2.00	
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	SR-90	<	.50	
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	TC-99	<	.90	
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	TH-228	=	1.30	.40
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	TH-230	=	9.80	1.00
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	TH-232	=	1.10	.30
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	U-234	=	9.20	.70
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	U-235	=	.60	.20
	FMP-SS-46-269	1379675.40	480799.21	.00	.16	749.0	U-238	=	14.00	1.00
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	CS-137	=	.50	.20
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	NP-237	<	.30	
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	PB-210	=		

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	PU-238	<	.30	
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	PU-239/240	=	.30	.20
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	RA-226	=	1.10	.55
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	RA-228	=		
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	RU-106	<	2.00	
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	SR-90	<	.40	
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	TC-99	=	10.00	1.00
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	TH-228	=	1.80	.30
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	TH-230	=	2.00	1.00
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	TH-232	=	1.50	.20
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	U-234	=	28.00	1.00
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	U-235	=	1.30	.20
	FMP-SS-46-273	1379778.10	480896.43	.00	.16	628.0	U-238	=	38.00	1.00
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	CS-137	=	2.10	.50
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	NP-237	<	.10	
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	PB-210	=		
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	PU-238	<	.10	
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	PU-239/240	=	.10	.10
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	RA-226	=	2.14	.82
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	RA-228	=		
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	RU-106	<	2.00	
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	SR-90	<	.60	
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	TC-99	<	3.00	
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	TH-228	=	.80	.30
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	TH-230	=	4.90	.70
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	TH-232	=	.80	.30
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	U-234	=	15.00	1.00
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	U-235	=	.80	.10
	FMP-SS-46-275	1379678.14	480899.17	.00	.16	359.0	U-238	=	19.00	1.00
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	CS-137	=	.40	.30
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	NP-237	<	.10	
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	PB-210	=		
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	PU-238	<	.30	
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	PU-239/240	<	.10	
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	RA-226	=	.85	.43
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	RA-228	=		
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	RU-106	<	1.00	
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	SR-90	<	.40	
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	TC-99	<	3.00	
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	TH-228	=	.80	.30
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	TH-230	=	3.80	.50

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	TH-232	=	1.00	.30
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	U-234	=	12.00	1.00
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	U-235	=	.80	.10
	FMP-SS-46-278	1379780.84	480996.40	.00	.16	641.0	U-238	=	22.00	1.00
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	CS-137	<	.20	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	NP-237	<	.10	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	PB-210	=		
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	PU-238	<	.10	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	PU-239/240	<	.10	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	RA-226	=	1.16	.47
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	RA-228	=		
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	RU-106	<	2.00	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	SR-90	<	.20	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	TC-99	<	.50	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	TH-228	<	.10	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	TH-230	=	.20	.10
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	TH-232	<	.10	
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	U-234	=	3.20	.30
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	U-235	=	.20	.10
	FMP-SS-46-280	1379578.17	480901.91	.00	.16	610.0	U-238	=	6.50	.40
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	CS-137	<	.20	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	NP-237	<	.10	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	PB-210	=		
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	PU-238	<	.10	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	PU-239/240	<	.10	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	RA-226	<	.88	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	RA-228	=		
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	RU-106	<	1.00	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	SR-90	<	.70	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	TC-99	<	3.00	
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	TH-228	=	.90	.20
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	TH-230	=	4.80	.50
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	TH-232	=	.90	.20
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	U-234	=	11.00	1.00
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	U-235	=	.40	.10
	FMP-SS-46-290	1379580.91	481001.87	.00	.16	636.0	U-238	=	14.00	1.00
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	CS-137	<	.30	
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	NP-237	<	.20	
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	PB-210	=		
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	PU-238	<	.10	
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	PU-239/240	<	.10	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	RA-226	=	1.46	.49
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	RA-228	=		
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	RU-106	<	1.00	
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	SR-90	<	.40	
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	TC-99	<	1.00	
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	TH-228	=	1.30	.30
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	TH-230	=	5.60	.60
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	TH-232	=	1.00	.30
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	U-234	=	15.00	1.00
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	U-235	=	.90	.10
	FMP-SS-46-291	1379680.87	480999.13	.00	.16	521.0	U-238	=	26.00	1.00
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	CS-137	=	.80	.30
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	NP-237	<	.10	
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	PB-210	=		
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	PU-238	<	.10	
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	PU-239/240	<	.10	
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	RA-226	=	1.07	.76
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	RA-228	=		
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	RU-106	<	1.00	
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	SR-90	<	.30	
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	TC-99	<	3.00	
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	TH-228	=	.70	.30
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	TH-230	=	5.30	.60
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	TH-232	=	.90	.30
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	U-234	=	12.00	1.00
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	U-235	=	.60	.10
	FMP-SS-46-292	1379783.57	481096.36	.00	.16	592.0	U-238	=	16.00	1.00
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	CS-137	=	.70	.30
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	NP-237	<	.10	
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	PB-210	=		
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	PU-238	<	.10	
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	PU-239/240	<	.10	
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	RA-226	=	1.09	.62
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	RA-228	=		
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	RU-106	<	1.00	
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	SR-90	<	.60	
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	TC-99	<	1.00	
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	TH-228	=	1.20	.50
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	TH-230	=	5.20	.90
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	TH-232	=	1.00	.40
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	U-234	=	14.00	1.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	U-235	=	.80	.20
	FMP-SS-46-293	1379683.61	481099.10	.00	.16	567.0	U-238	=	26.00	1.00
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	CS-137	=	.90	.40
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	NP-237	<	.10	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	PB-210	=		
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	PU-238	<	.10	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	PU-239/240	<	.10	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	RA-226	<	1.83	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	RA-228	=		
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	RU-106	<	2.00	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	SR-90	<	.30	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	TC-99	<	.60	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	TH-228	<	.10	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	TH-230	=	.20	.10
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	TH-232	<	.10	
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	U-234	=	9.30	.70
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	U-235	=	.40	.20
	FMP-SS-46-294	1379583.65	481101.83	.00	.16	460.0	U-238	=	22.00	1.00
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	CS-137	=	1.00	.40
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	NP-237	<	.10	
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	PB-210	=		
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	PU-238	<	.10	
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	PU-239/240	<	.10	
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	RA-226	=	.75	.60
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	RA-228	=		
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	RU-106	<	1.00	
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	SR-90	<	.40	
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	TC-99	<	3.00	
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	TH-228	=	.90	.20
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	TH-230	=	3.80	.40
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	TH-232	=	1.10	.20
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	U-234	=	8.50	.50
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	U-235	=	.40	.10
	FMP-SS-46-295	1379586.38	481201.79	.00	.16	591.0	U-238	=	13.00	1.00
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	CS-137	<	.40	
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	NP-237	<	.08	
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	PB-210	=		
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	PU-238	<	.20	
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	PU-239/240	<	.10	
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	RA-226	=	17.02	1.49
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	RA-228	=		

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	RU-106	<	2.00	
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	SR-90	<	.90	
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	TC-99	<	.90	
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	TH-228	=	1.10	.30
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	TH-230	=	14.00	1.00
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	TH-232	=	1.70	.30
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	U-234	=	11.00	1.00
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	U-235	=	.60	.10
	FMP-SS-46-318	1378623.74	480752.96	.00	.16	463.0	U-238	=	23.00	1.00
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	CS-137	=	.50	.20
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	NP-237	<	.30	
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	PB-210	=		
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	PU-238	=	.40	.20
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	PU-239/240	=	.20	.10
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	RA-226	=	1.49	.54
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	RA-228	=		
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	RU-106	<	2.00	
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	SR-90	<	.60	
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	TC-99	<	1.80	
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	TH-228	=	3.20	.40
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	TH-230	=	11.00	1.00
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	TH-232	=	1.60	.30
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	U-234	=	28.00	1.00
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	U-235	=	2.40	.30
	FMP-SS-46-334	1380101.08	482207.09	.00	.16	730.0	U-238	=	135.00	2.00
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	CS-137	=	.60	.20
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	NP-237	<	.10	
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	PB-210	=		
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	PU-238	=	.20	.20
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	PU-239/240	=	.10	.10
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	RA-226	<	1.61	
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	RA-228	=		
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	RU-106	<	2.00	
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	SR-90	<	.50	
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	TC-99	<	2.10	
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	TH-228	=	3.60	.30
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	TH-230	=	11.00	1.00
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	TH-232	=	1.20	.20
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	U-234	=	106.00	5.00
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	U-235	=	8.20	1.40
	FMP-SS-46-343	1379983.81	482235.31	.00	.16	584.0	U-238	=	673.00	12.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	CS-137	=	1.90	.50
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	NP-237	<	.10	
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	PB-210	=		
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	PU-238	<	.20	
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	PU-239/240	<	.10	
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	RA-226	=	2.91	.81
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	RA-228	=		
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	RU-106	<	2.00	
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	SR-90	<	.50	
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	TC-99	<	3.00	
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	TH-228	=	4.20	.30
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	TH-230	=	14.00	1.00
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	TH-232	=	2.00	.20
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	U-234	=	54.00	3.00
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	U-235	=	5.00	1.00
	FMP-SS-46-344	1380014.80	482234.46	.00	.16	533.0	U-238	=	292.00	8.00
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	CS-137	=	.30	.20
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	NP-237	<	.20	
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	PB-210	=		
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	PU-238	<	.10	
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	PU-239/240	<	.10	
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	RA-226	=	1.09	.62
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	RA-228	=		
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	RU-106	<	2.00	
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	SR-90	<	.80	
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	TC-99	<	2.10	
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	TH-228	=	1.70	.30
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	TH-230	=	3.30	.50
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	TH-232	=	1.60	.30
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	U-234	=	45.00	1.00
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	U-235	=	3.30	.40
	FMP-SS-46-348	1379672.65	482306.85	.00	.16	568.0	U-238	=	151.00	2.00
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	CS-137	<	.60	
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	NP-237	<	.20	
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	PB-210	=		
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	PU-238	=	1.00	.20
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	PU-239/240	=	.50	.20
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	RA-226	<	2.77	
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	RA-228	=		
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	RU-106	<	4.00	
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	SR-90	<	.60	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	TC-99	=	12.00	1.00
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	TH-228	=	1.90	.40
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	TH-230	=	7.10	.80
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	TH-232	=	1.40	.40
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	U-234	=	141.00	7.00
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	U-235	=	14.00	2.00
	FMP-SS-46-349	1379679.82	482349.67	.00	.16	709.0	U-238	=	983.00	18.00
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	CS-137	=	.80	.30
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	NP-237	<	.30	
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	PB-210	=		
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	PU-238	<	.20	
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	PU-239/240	<	.20	
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	RA-226	=	1.05	.45
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	RA-228	=		
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	RU-106	<	2.00	
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	SR-90	<	.80	
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	TC-99	<	2.00	
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	TH-228	=	1.70	.50
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	TH-230	=	7.40	.90
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	TH-232	=	1.40	.40
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	U-234	=	28.00	1.00
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	U-235	=	1.70	.20
	FMP-SS-46-358	1379488.47	481973.76	.00	.16	589.0	U-238	=	95.00	1.00
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	CS-137	<	.50	
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	NP-237	<	.40	
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	PB-210	=		
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	PU-238	=	4.10	.30
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	PU-239/240	=	.60	.10
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	RA-226	<	2.97	
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	RA-228	=		
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	RU-106	<	3.00	
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	SR-90	<	.80	
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	TC-99	<	3.00	
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	TH-228	=	35.00	2.00
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	TH-230	=	17.00	1.00
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	TH-232	=	38.00	2.00
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	U-234	=	35.00	1.00
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	U-235	=	1.70	.20
	FMP-SS-46-360	1379600.59	481976.70	.00	.16	846.0	U-238	=	45.00	1.00
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	CS-137	=	1.10	.40
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	NP-237	<	.30	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	PB-210	=		
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	PU-238	<	.20	
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	PU-239/240	<	.20	
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	RA-226	=	2.79	1.32
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	RA-228	=		
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	RU-106	<	2.00	
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	SR-90	<	.50	
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	TC-99	<	1.00	
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	TH-228	=	3.40	.40
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	TH-230	=	6.40	.50
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	TH-232	=	1.50	.30
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	U-234	=	57.00	2.00
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	U-235	=	4.70	.50
	FMP-SS-46-362	1379771.77	482054.04	.00	.16	476.0	U-238	=	304.00	4.00
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	CS-137	<	.30	
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	NP-237	<	.40	
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	PB-210	=		
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	PU-238	<	.20	
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	PU-239/240	<	.30	
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	RA-226	=	2.39	.80
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	RA-228	=		
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	RU-106	<	2.00	
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	SR-90	=	1.40	.50
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	TC-99	=	93.00	2.00
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	TH-228	=	3.70	.70
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	TH-230	=	58.00	3.00
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	TH-232	=	2.80	.60
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	U-234	=	298.00	3.00
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	U-235	=	18.00	1.00
	FMP-SS-46-364	1379664.31	481855.91	.00	.16	761.6	U-238	=	294.00	3.00
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	CS-137	<	.20	
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	NP-237	<	.10	
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	PB-210	=		
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	PU-238	=	3.30	.60
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	PU-239/240	=	.10	.10
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	RA-226	=	1.02	.64
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	RA-228	=		
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	RU-106	<	2.00	
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	SR-90	=	1.70	.60
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	TC-99	<	2.40	
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	TH-228	=	11.00	1.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	TH-230	=	4.80	.40
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	TH-232	=	5.60	.40
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	U-234	=	22.00	1.00
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	U-235	=	1.00	.30
	FMP-SS-46-370	1379806.50	481714.96	.00	.16	573.0	U-238	=	21.00	1.00
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	CS-137	<	.60	
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	NP-237	<	.10	
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	PB-210	=		
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	PU-238	=	.10	.10
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	PU-239/240	<	.10	
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	RA-226	<	7.78	
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	RA-228	=		
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	RU-106	<	4.00	
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	SR-90	<	.90	
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	TC-99	=	7.00	.60
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	TH-228	=	15.00	1.00
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	TH-230	=	16.00	1.00
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	TH-232	=	4.70	.60
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	U-234	=	199.00	8.00
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	U-235	=	18.00	2.00
	FMP-SS-46-381	1379605.90	481476.36	.00	.16	371.0	U-238	=	1180.00	20.00
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	CS-137	<	.20	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	NP-237	<	.10	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	PB-210	=		
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	PU-238	<	.40	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	PU-239/240	<	.20	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	RA-226	<	3.72	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	RA-228	=		
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	RU-106	<	2.00	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	SR-90	<	.20	
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	TC-99	=	14.00	1.00
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	TH-228	=	.20	.10
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	TH-230	=	1.10	.10
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	TH-232	=	.30	.10
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	U-234	=	130.00	3.00
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	U-235	=	16.00	1.00
	FMP-SS-46-407	1379414.34	482006.80	.00	.16	700.0	U-238	=	710.00	6.00
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	CS-137	<	.60	
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	NP-237	<	.10	
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	PB-210	=		
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	PU-238	<	.20	

*RA226 AND RA228,WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	PU-239/240	<	.10	
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	RA-226	=	6.75	1.29
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	RA-228	=		
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	RU-106	<	3.00	
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	SR-90	<	.30	
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	TC-99	=	5.30	1.10
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	TH-228	=	17.00	1.00
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	TH-230	=	18.00	1.00
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	TH-232	=	6.20	.50
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	U-234	=	57.00	1.00
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	U-235	=	6.30	.50
	FMP-SS-46-409	1379527.82	482022.70	.00	.16	516.0	U-238	=	303.00	3.00
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	CS-137	<	.70	
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	NP-237	<	.40	
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	PB-210	=		
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	PU-238	=	.10	.10
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	PU-239/240	=	.40	.10
	FMP-SS-46-427	1379188.54	481724.87	.00	.15	418.0	RA-226	<	3.41	
	FMP-SS-46-427	1379188.54	481724.87	.00	.15	418.0	RA-228	=		
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	RU-106	<	3.00	
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	SR-90	<	.60	
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	TC-99	=	6.00	2.00
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	TH-228	=	2.80	.30
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	TH-230	=	13.00	1.00
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	TH-232	=	1.60	.20
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	U-234	=	127.00	5.00
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	U-235	=	11.00	1.00
	FMP-SS-46-427	1379188.54	481724.87	.00	.16	418.0	U-238	=	738.00	12.00
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	CS-137	=	2.50	.70
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	NP-237	<	.10	
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	PB-210	=		
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	PU-238	<	.20	
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	PU-239/240	<	.10	
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	RA-226	=	2.76	.96
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	RA-228	=		
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	RU-106	<	4.00	
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	SR-90	<	.70	
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	TC-99	<	2.00	
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	TH-228	=	2.50	.30
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	TH-230	=	24.00	1.00
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	TH-232	=	1.70	.30

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	U-234	=	33.00	1.00
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	U-235	=	2.90	.30
	FMP-SS-46-428	1379148.01	481632.95	.00	.16	365.0	U-238	=	154.00	2.00
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	CS-137	=	1.50	.60
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	NP-237	<	.10	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	PB-210	=		
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	PU-238	<	.10	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	PU-239/240	<	.10	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	RA-226	<	2.82	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	RA-228	=		
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	RU-106	<	3.00	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	SR-90	<	.40	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	TC-99	<	3.00	
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	TH-228	=	1.30	.20
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	TH-230	=	5.40	.40
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	TH-232	=	1.00	.20
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	U-234	=	54.00	3.00
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	U-235	=	4.20	.90
	FMP-SS-46-430	1379176.92	481775.21	.00	.16	363.0	U-238	=	287.00	6.00
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	CS-137	<	.70	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	NP-237	<	.10	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	PB-210	=		
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	PU-238	<	.10	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	PU-239/240	<	.10	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	RA-226	<	5.86	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	RA-228	=		
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	RU-106	<	4.00	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	SR-90	<	.30	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	TC-99	<	4.00	
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	TH-228	=	.10	.10
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	TH-230	=	.30	.10
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	TH-232	=	.10	.10
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	U-234	=	57.00	2.00
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	U-235	=	5.10	.50
	FMP-SS-46-432	1379291.76	481841.09	.00	.16	367.0	U-238	=	342.00	4.00
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	CS-137	<	.50	
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	NP-237	<	.10	
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	PB-210	=		
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	PU-238	<	.10	
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	PU-239/240	<	.10	
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	RA-226	<	4.88	

*RA226 AND RA228,WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	RA-228	=		
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	RU-106	<	2.00	
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	SR-90	<	.30	
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	TC-99	<	.50	
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	TH-228	=	.70	.10
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	TH-230	=	146.00	1.00
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	TH-232	=	.80	.10
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	U-234	=	14.00	1.00
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	U-235	=	.60	.10
	FMP-SS-46-434	1379183.61	481800.54	.00	.16	388.0	U-238	=	15.00	1.00
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	CS-137	=	.80	.50
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	NP-237	<	.10	
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	PB-210	=		
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	PU-238	=	.20	.20
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	PU-239/240	=	.20	.10
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	RA-226	<	6.52	
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	RA-228	=		
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	RU-106	<	3.00	
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	SR-90	<	.70	
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	TC-99	=	5.50	1.00
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	TH-228	=	4.80	.80
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	TH-230	=	18.00	2.00
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	TH-232	=	2.30	.60
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	U-234	=	109.00	5.00
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	U-235	=	10.00	1.00
	FMP-SS-46-435	1379226.57	481761.85	.00	.16	356.0	U-238	=	639.00	12.00
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	CS-137	<	.20	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	NP-237	<	.10	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	PB-210	=		
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	PU-238	<	.10	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	PU-239/240	<	.10	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	RA-226	=	1.11	.88
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	RA-228	=		
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	RU-106	<	2.00	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	SR-90	<	.20	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	TC-99	<	3.00	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	TH-228	<	.10	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	TH-230	=	.10	.10
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	TH-232	<	.10	
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	U-234	=	47.00	1.00
	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	U-235	=	5.20	.40

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-444	1379127.29	482008.66	.00	.16	646.0	U-238	=	238.00	3.00
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	CS-137	<	.20	
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	NP-237	<	.20	
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	PB-210	=		
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	PU-238	<	.10	
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	PU-239/240	<	.10	
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	RA-226	=	1.11	.62
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	RA-228	=		
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	RU-106	<	3.00	
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	SR-90	<	.30	
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	TC-99	<	1.00	
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	TH-228	=	1.40	.40
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	TH-230	=	13.00	1.00
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	TH-232	=	1.70	.40
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	U-234	=	21.00	1.00
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	U-235	=	1.60	.20
	FMP-SS-46-446	1379070.47	482016.21	.00	.16	547.4	U-238	=	95.00	1.00
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	CS-137	<	.50	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	NP-237	<	.10	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	PB-210	=		
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	PU-238	<	.10	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	PU-239/240	<	.10	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	RA-226	<	4.70	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	RA-228	=		
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	RU-106	<	4.00	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	SR-90	<	.30	
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	TC-99	=	16.00	1.00
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	TH-228	=	.50	.10
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	TH-230	=	.50	.10
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	TH-232	=	.60	.10
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	U-234	=	153.00	2.00
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	U-235	=	33.00	1.00
	FMP-SS-46-450	1379270.97	481483.53	.00	.16	620.0	U-238	=	583.00	5.00
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	CS-137	=	1.80	.50
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	NP-237	<	.30	
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	PB-210	=		
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	PU-238	<	.20	
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	PU-239/240	<	.10	
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	RA-226	=	2.33	.82
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	RA-228	=		
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	RU-106	<	3.00	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	SR-90	<	.40	
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	TC-99	<	.50	
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	TH-228	=	.10	.10
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	TH-230	=	.90	.20
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	TH-232	<	.10	
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	U-234	=	11.00	1.00
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	U-235	=	.50	.20
	FMP-SS-46-456	1378737.02	481456.13	.00	.16	460.0	U-238	=	27.00	1.00
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	CS-137	=	1.20	.60
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	NP-237	<	.10	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	PB-210	=		
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	PU-238	<	.10	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	PU-239/240	<	.10	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	RA-226	<	4.75	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	RA-228	=		
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	RU-106	<	3.00	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	SR-90	<	.60	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	TC-99	<	3.00	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	TH-228	=	.40	.10
	FMP-SS-46-457	1379409.91	481844.86	.00	.15	261.0	TH-230	=	.50	.10
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	TH-232	<	.10	
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	U-234	=	20.00	1.00
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	U-235	=	1.80	.20
	FMP-SS-46-457	1379409.91	481844.86	.00	.16	261.0	U-238	=	113.00	2.00
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	CS-137	=	1.60	.70
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	NP-237	<	.10	
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	PB-210	=		
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	PU-238	=	.50	.20
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	PU-239/240	=	.20	.10
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	RA-226	<	2.51	
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	RA-228	=		
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	RU-106	<	3.00	
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	SR-90	<	.50	
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	TC-99	<	4.00	
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	TH-228	=	3.40	.60
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	TH-230	=	4.50	.60
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	TH-232	=	2.90	.50
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	U-234	=	47.00	1.00
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	U-235	=	4.50	.40
	FMP-SS-46-461	1379447.58	481868.84	.00	.16	315.0	U-238	=	194.00	2.00
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	CS-137	<	.90	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	NP-237	<	.10	
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	PB-210	=		
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	PU-238	<	.10	
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	PU-239/240	<	.10	
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	RA-226	<	5.72	
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	RA-228	=		
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	RU-106	<	6.00	
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	SR-90	<	.10	
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	TC-99	=	33.00	1.00
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	TH-228	=	.20	.20
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	TH-230	=	1.40	.40
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	TH-232	=	.20	.20
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	U-234	=	43.00	2.00
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	U-235	=	3.40	.50
	FMP-SS-46-474	1379212.66	481692.20	.00	.16	626.0	U-238	=	293.00	4.00
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	CS-137	=	.70	.40
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	NP-237	<	.10	
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	PB-210	=		
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	PU-238	<	.10	
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	PU-239/240	<	.10	
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	RA-226	=	2.30	1.04
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	RA-228	=		
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	RU-106	<	2.00	
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	SR-90	<	.20	
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	TC-99	=	5.60	.80
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	TH-228	<	.10	
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	TH-230	=	.10	.10
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	TH-232	<	.10	
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	U-234	=	73.00	2.00
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	U-235	=	5.80	.60
	FMP-SS-46-478	1378717.27	481355.63	.00	.16	462.0	U-238	=	406.00	5.00
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	CS-137	=	1.40	.60
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	NP-237	<	.10	
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	PB-210	=		
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	PU-238	<	.10	
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	PU-239/240	<	.10	
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	RA-226	=	3.39	1.69
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	RA-228	=		
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	RU-106	<	5.00	
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	SR-90	<	.70	
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	TC-99	<	4.00	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	TH-228	=	5.40	.40
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	TH-230	=	32.00	1.00
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	TH-232	=	3.00	.30
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	U-234	=	18.00	1.00
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	U-235	=	1.00	.10
	FMP-SS-46-488	1378652.84	481377.40	.16	.50	409.0	U-238	=	60.00	1.00
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	CS-137	<	.50	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	NP-237	<	.60	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	PB-210	=		
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	PU-238	<	.20	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	PU-239/240	<	.10	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	RA-226	<	8.75	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	RA-228	=		
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	RU-106	<	5.00	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	SR-90	<	.30	
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	TC-99	=	7.00	2.00
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	TH-228	=	11.00	1.00
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	TH-230	=	46.00	1.00
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	TH-232	=	2.40	.30
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	U-234	=	123.00	5.00
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	U-235	=	10.00	1.00
	FMP-SS-46-495	1378777.79	481373.98	.00	.16	391.0	U-238	=	753.00	12.00
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	CS-137	<	.40	
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	NP-237	<	.20	
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	PB-210	=		
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	PU-238	<	.10	
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	PU-239/240	<	.10	
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	RA-226	=		
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	RA-228	=		
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	RU-106	<	2.00	
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	SR-90	<	.50	
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	TC-99	<	.50	
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	TH-228	=	.30	.10
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	TH-230	=	4.00	.30
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	TH-232	=	.20	.10
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	U-234	=	12.00	1.00
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	U-235	=	.60	.10
	FMP-SS-46-500	1378707.93	481306.87	.00	.16	413.0	U-238	=	28.00	1.00
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	CS-137	<	.40	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	NP-237	<	.10	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	PB-210	=		

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	* RADIONUCLIDE	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	PU-238	<	.10	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	PU-239/240	<	.10	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	RA-226	<	2.71	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	RA-228	=		
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	RU-106	<	3.00	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	SR-90	<	.30	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	TC-99	=	7.90	.70
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	TH-228	<	.20	
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	TH-230	=	.10	.10
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	TH-232	<	.20	.10
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	U-234	=	241.00	10.00
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	U-235	=	25.00	3.00
	FMP-SS-46-504	1379154.70	481657.77	.00	.16	812.0	U-238	=	1500.00	20.00
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	CS-137	<	.80	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	NP-237	<	.10	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	PB-210	=		
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	PU-238	<	.10	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	PU-239/240	<	.10	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	RA-226	<	5.47	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	RA-228	=		
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	RU-106	<	6.00	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	SR-90	<	.60	
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	TC-99	=	8.40	.80
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	TH-228	=	.10	.10
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	TH-230	=	.20	.10
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	TH-232	=	.10	.10
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	U-234	=	40.00	1.00
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	U-235	=	4.80	.50
	FMP-SS-46-518	1379452.86	481586.59	.00	.16	431.0	U-238	=	251.00	3.00
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	CS-137	<	.60	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	NP-237	<	.10	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	PB-210	=		
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	PU-238	<	.10	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	PU-239/240	<	.10	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	RA-226	<	4.88	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	RA-228	=		
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	RU-106	<	4.00	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	SR-90	<	.70	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	TC-99	<	3.00	
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	TH-228	=	.40	.20
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	TH-230	=	.40	.20

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	TH-232	=	.10	.10
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	U-234	=	49.00	2.00
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	U-235	=	4.90	.70
	FMP-SS-46-519	1379471.52	481574.08	.00	.16	304.0	U-238	=	302.00	5.00
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	CS-137	<	.90	
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	NP-237	=	4.00	.90
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	PB-210	=		
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	PU-238	=	.10	.10
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	PU-239/240	=	2.00	.40
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	RA-226	=	19.98	1.57
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	RA-228	=		
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	RU-106	<	5.00	
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	SR-90	<	.80	
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	TC-99	=	37.00	1.00
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	TH-228	=	17.00	2.00
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	TH-230	=	442.00	3.00
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	TH-232	=	4.00	3.00
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	U-234	=	180.00	2.00
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	U-235	=	9.00	.40
	FMP-SS-46-526	1379796.09	480420.76	.00	.16	537.0	U-238	=	164.00	2.00
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	CS-137	<	.80	
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	NP-237	<	.20	
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	PB-210	=		
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	PU-238	<	.20	
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	PU-239/240	<	.10	
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	RA-226	=	6.02	1.18
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	RA-228	=		
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	RU-106	<	4.00	
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	SR-90	<	.40	
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	TC-99	<	2.00	
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	TH-228	=	4.40	.50
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	TH-230	=	97.00	2.00
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	TH-232	=	4.90	.50
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	U-234	=	25.00	1.00
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	U-235	=	1.20	.20
	FMP-SS-46-530	1379751.42	480396.98	.00	.16	334.0	U-238	=	27.00	1.00
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	CS-137	=	2.00	.90
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	NP-237	<	.10	
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	PB-210	=		
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	PU-238	<	.10	
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	PU-239/240	<	.10	

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	RA-226	=	6.33	1.89
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	RA-228	=		
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	RU-106	<	3.00	
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	SR-90	<	.60	
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	TC-99	<	2.00	
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	TH-228	=	6.60	.40
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	TH-230	=	105.00	2.00
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	TH-232	=	7.00	.40
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	U-234	=	29.00	1.00
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	U-235	=	1.10	.20
	FMP-SS-46-532	1379708.44	480398.15	.00	.16	316.6	U-238	=	29.00	1.00
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	CS-137	<	.90	
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	NP-237	<	.10	
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	PB-210	=		
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	PU-238	=	.20	.10
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	PU-239/240	=	.40	.10
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	RA-226	=	6.58	1.43
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	RA-228	=		
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	RU-106	<	4.00	
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	SR-90	<	.40	
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	TC-99	=	16.00	1.00
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	TH-228	=	7.90	.50
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	TH-230	=	19.00	1.00
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	TH-232	=	2.60	.30
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	U-234	=	38.00	1.00
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	U-235	=	1.70	.20
	FMP-SS-46-534	1379590.01	480420.40	.00	.16	317.0	U-238	=	36.00	1.00
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	CS-137	<	.50	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	NP-237	<	.10	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	PB-210	=		
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	PU-238	<	.10	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	PU-239/240	<	.10	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	RA-226	=	14.96	1.97
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	RA-228	=		
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	RU-106	<	5.00	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	SR-90	<	.80	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	TC-99	<	1.00	
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	TH-228	=	1.40	.40
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	TH-230	=	25.00	1.00
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	TH-232	=	2.10	.50
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	U-234	=	22.00	1.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	U-235	=	.70	.10
	FMP-SS-46-542	1379689.80	480411.67	.00	.16	433.0	U-238	=	25.00	1.00
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	CS-137	<	.60	
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	NP-237	<	.20	
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	PB-210	=		
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	PU-238	<	.10	
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	PU-239/240	<	.10	
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	RA-226	=		
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	RA-228	=		
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	RU-106	<	5.00	
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	SR-90	<	.30	
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	TC-99	<	1.00	
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	TH-228	=	14.00	1.00
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	TH-230	=	209.00	3.00
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	TH-232	=	14.00	1.00
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	U-234	=	17.00	1.00
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	U-235	=	.80	.20
	FMP-SS-46-544	1379689.80	480411.67	.16	.50	422.0	U-238	=	20.00	1.00
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	CS-137	<	.50	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	NP-237	<	.20	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	PB-210	=		
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	PU-238	<	.10	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	PU-239/240	<	.10	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	RA-226	=	29.46	3.12
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	RA-228	=		
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	RU-106	<	5.00	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	SR-90	<	.60	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	TC-99	<	2.00	
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	TH-228	=	8.00	.70
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	TH-230	=	219.00	4.00
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	TH-232	=	9.40	.80
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	U-234	=	62.00	1.00
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	U-235	=	2.70	.20
	FMP-SS-46-545	1379745.26	480391.14	.00	.16	329.2	U-238	=	63.00	1.00
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	CS-137	=	.60	.50
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	NP-237	<	.10	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	PB-210	=		
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	PU-238	<	.10	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	PU-239/240	<	.10	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	RA-226	=	9.41	.95
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	RA-228	=		

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	RU-106	<	2.00	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	SR-90	<	.20	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	TC-99	<	1.00	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	TH-228	<	.40	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	TH-230	=	1.10	.60
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	TH-232	<	.30	
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	U-234	=	2.10	.20
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	U-235	=	.10	.05
	FMP-SS-46-588	1379296.43	481353.78	.00	.16	616.0	U-238	=	3.60	.20
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	CS-137	<	.30	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	NP-237	<	.10	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	PB-210	=		
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	PU-238	<	.20	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	PU-239/240	<	.10	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	RA-226	=	34.34	1.68
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	RA-228	=		
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	RU-106	<	3.00	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	SR-90	<	.20	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	TC-99	<	.80	
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	TH-228	=	.10	.10
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	TH-230	=	.70	.10
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	TH-232	=	.10	.10
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	U-234	=	3.30	.40
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	U-235	=	.20	.10
	FMP-SS-46-591	1379296.43	481353.78	.16	.50	638.0	U-238	=	6.20	.50
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	CS-137	=	.50	.30
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	NP-237	<	.10	
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	PB-210	=		
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	PU-238	<	.10	
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	PU-239/240	<	.10	
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	RA-226	=	7.97	.97
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	RA-228	=		
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	RU-106	<	2.00	
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	SR-90	<	.30	
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	TC-99	<	.60	
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	TH-228	=	.80	.30
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	TH-230	=	4.50	.80
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	TH-232	=	.90	.40
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	U-234	=	4.40	.30
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	U-235	=	.30	.10
	FMP-SS-46-602	1378946.04	481344.37	.00	.16	559.0	U-238	=	12.00	1.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

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RADIOCHEMISTRY RESULTS

SITE ID	SAMPLE ID	EAST COORDINATE (FEET)	NORTH COORDINATE (FEET)	BEGIN DEPTH (feet)	END DEPTH (feet)	DRY WEIGHT (g)	RADIONUCLIDE *	VQ	ACTIVITY CONCENTRATION (pCi/g)	UNCERTAINTY VALUE (pCi/g)
46	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	CS-137	=	6.00	1.00
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	NP-237	=	.70	.20
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	PB-210	=		
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	PU-238	=	.70	.20
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	PU-239/240	=	.60	.20
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	RA-226	=	27.34	1.91
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	RA-228	=		
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	RU-106	<	5.00	
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	SR-90	=	1.50	.40
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	TC-99	=	58.00	2.00
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	TH-228	=	48.00	10.00
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	TH-230	=	972.00	38.00
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	TH-232	=	31.00	7.00
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	U-234	=	155.00	2.00
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	U-235	=	11.00	1.00
	FMP-SS-46-623	1378983.86	482031.59	.00	.16	547.0	U-238	=	157.00	2.00
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	CS-137	=	1.10	.70
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	NP-237	<	.10	
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	PB-210	=		
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	PU-238	<	.10	
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	PU-239/240	<	.10	
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	RA-226	=	9.50	1.88
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	RA-228	=		
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	RU-106	<	5.00	
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	SR-90	<	.50	
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	TC-99	<	1.00	
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	TH-228	=	1.20	.10
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	TH-230	=	18.00	1.00
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	TH-232	=	1.20	.10
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	U-234	=	13.00	1.00
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	U-235	=	.50	.20
	FMP-SS-46-656	1379695.12	480386.51	.00	.16	431.0	U-238	=	18.00	1.00

*RA226 AND RA228, WHEN REPORTED, WERE MEASURED BY GAMMA SPECTROMETRY AND REPORTED ON A DRY WEIGHT BASIS

2656 records selected.