Plum Brook Reactor Facility

Final Status Survey Report

Attachment 18

Revision 0

Excavated and Backfill Material

FINAL STATUS SURVEY REPORT
ROUTING AND APPROVAL SHEET

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LIST OF ACRONYMS & SYMBOLS

α	alpha; denotes alpha radiation, also type I error probability in hypothesis testing
AEC	Atomic Energy Commission
ALARA	As Low As Reasonably Achievable
AOC	Area of Concern, impacted open land areas adjacent to Pentolite Ditch
β	beta; denotes beta radiation, also type II error probability in hypothesis testing
b_i	background counts in observation interval
CRB	Cold Retention Basins, Building 1154
CFR	Code of Federal Regulations
CPT	Cold Pipe Tunnel
cm	centimeters
cm^2	square centimeters
cps	counts per second
cpm	counts per minute
Δ	delta, $DCGL_W$ – LBGR
d'	Scan surveyor sensitivity index
DCGL	Derived Concentration Guideline Level
$DCGL_{EMC}$	DCGL for small areas of elevated activity, used with the Elevated Measurement Comparison test (EMC)
$DCGL_W$	DCGL for average concentration over a survey unit, used with statistical tests. (the "W" suffix denotes "Wilcoxon)"
DCS	Diversion Control Set Point
EMC	Elevated Measurement Comparison
EPA	US Environmental Protection Agency
FSS	Final Status Survey
FSSP	Final Status Survey Plan
FSSR	Final Status Survey Report
γ	gamma
g	gram
HRA	Hot Retention Area, Building 1155
i	observation counting interval during scan surveys
in.	inch
LMI	Ludlum Measurements, Inc.
LBGR	Lower Bound of the Gray Region
m^2	square meters
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MDA	Minimum Detectable Activity
MDC	Minimum Detectable Concentration
MDC_{scan}	Minimum Detectable Concentration for scanning surveys
MDCR	Minimum Detectable Count Rate
MOU	Memorandum of Understanding
mrem	millirem
MW	Megawatt
MWH	Montgomery Watson Harza, Inc.

LIST OF ACRONYMS & SYMBOLS, Continued

NACA	National Advisory Committee on Aeronautics
NASA	National Aeronautics and Space Administration
N	Number of FSS measurements or samples established in a survey design
N/A	Not Applicable
NaI	Sodium Iodide scintillation detector
NIST	National Institute for Standards and Technology
NRC	US Nuclear Regulatory Commission
PBOW	Plum Brook Ordinance Works
PBRF	Plum Brook Reactor Facility
PNL	Pacific Northwest Laboratory
Φ	Standard normal distribution function
p	surveyor efficiency for scan surveys
pCi/g	picocuries per gram
%	percent
PPH	Primary Pump House, Building 1134
QC	Quality Control
RESRAD	RESidual RADioactive – a pathway analysis computer code developed by Argonne National Laboratory for assessment of radiation doses. It is used to derive cleanup guideline values for soils contaminated with radioactive materials
RAL	Remedial Action Level
RCRA	Resource Conservation and Recovery Act
ROI	Region of Interest, energy channels which encompass the photopeak of a specified radionuclide in gamma spectroscopy
ROLB	Reactor Office and Laboratory Building, Building 1141
RWP	Radiation Work Permit
s	seconds
σ	generic symbol for standard deviation of a population
SAIC	Science Applications International Corporation
SEB	Service Equipment Building, Building 1131
SR	Survey Request
TBD	Technical Basis Document
μ	Mean activity concentration
UL	Upper limit of the confidence interval about the mean
USACE	United States Army Corps of Engineers
VOC	Volatile Organic Compound
VSP	Visual Sample Plan
WEMS	Water Effluent Monitoring System, Building 1192
WEP	Work Execution Package
WHB	Waste Handling Building, Building 1133
$Z_{1-\alpha}$	Proportion of standard normal distribution values less than $1-\alpha$
$Z_{1-\beta}$	Proportion of standard normal distribution values less than $1-\beta$
∞	Mathematical symbol for infinity

1.0 Introduction

This report presents the results of the final status radiological survey of excavated and backfill material (soil) at the Plum Brook Reactor Facility (PBRF). It is Attachment 18 of the PBRF Final Status Survey Report (FSSR).[1] This attachment describes the origin, handling, final status survey (FSS) and disposition of soils excavated during the PBRF decommissioning project.[2] It describes the methods used and presents results of the FSS measurements.

As stated in the PBRF Final Status Survey Plan (FSSP) [NASA 2007], the goal of the decommissioning project is to release the facility for unrestricted use in compliance with the requirements of US NRC 10CFR20 Subpart E. The principal requirement is that the dose to future site occupants will be less than 25 mrem/y. Subpart E also requires that residual contamination be reduced to levels as low as reasonably achievable (ALARA). Single radionuclide Derived Concentration Guideline Levels (DCGLs) have been established for PBRF site soils in the FSSP. The principal soil radionuclides of PBRF origin are Cs-137, Co-60 and Sr-90. Their respective DCGLs are: 14.7, 3.8 and 5.4 pCi/g. The soil DCGLs are applied to surface and subsurface soils and to excavated and backfill materials.[3]

It is noted that this FSS Report Attachment is unique in that it reports on the FSS of excavated material – material which is removed from various areas of the site and processed for FSS at central locations. Whereas the other FSS Report Attachments all report on the FSS of structures and in-situ soil.

The survey measurement results and supporting information presented herein demonstrate that residual contamination levels in excavated and backfill materials that remain on the PBRF site are well below the DCGLs. Additionally, it is shown that residual contamination has been reduced to levels that are consistent with the ALARA requirement. Therefore, the excavated and backfill materials that remain on the PBRF site meet the criteria for unrestricted release.

Section 2.0 of the report describes the PBRF site, summarizes the history of the site and site characterization and identifies where excavated soil originated. Section 3.0 describes handling and disposition of excavated materials and soils.

Section 4.0 presents methods for survey design and FSS of excavated soils and backfill material. This section includes applicable FSS Plan requirements, establishment of MARSSIM classification and the survey design approach [USNRC 2000]. Also, FSS field and laboratory instrumentation and measurement sensitivities are described.

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[1] The PBRF Final Status Survey Report comprises the report main body and several attachments. The entire final report provides the basis for requesting termination of NRC Licenses TR-3 and R-93 in accordance with 10CFR50.82 (b) (6).

[2] In addition to the present FSS Report attachment which addresses excavated materials, other attachments address FSS of soil in subsurface excavated areas (Attachment 7) and in open land areas (Attachment 16).

[3] Material identified as backfill is ultimately intended for filling in excavated areas and for PBRF site restoration.

Survey results are presented in Section 5.0. This section includes a summary of the FSS measurements, comparison to the DCGL, tests performed and an evaluation of residual contamination levels relative to the ALARA criterion.

References cited in the report are listed in Section 6.0. Appendix A contains photos and drawings to supplement the text. Results of the analysis of soil samples collected from the clean discharge of the soil conveyor-sorter system (Mactec ScanSort) are reported in Appendix B. Appendix C contains the survey design maps and sample location coordinates for the FSS of soil in lifts and Appendix D provides the analysis results for samples collected from the lift survey units. Verification and QC sample results are presented in Appendix E.

2.0 PBRF Site Description and History

A description of the PBRF site is provided and the history of facility operations summarized to provide background for identification of excavated material. The site soils are described and results of pre-excavation soil characterization surveys presented. Areas are identified where excavation occurred during decommissioning and soil remediation activities.

2.1 PBRF Site Description

The PBRF site is located near the northern edge of the 6400 acre Plum Brook Station. The site, as described in the NRC license that controls decommissioning activities, comprises 27 acres which contain the Reactor Building and support buildings and facilities.[4] The controlled-access site is bounded on the south by Pentolite Rd., on the west by Line 2 Rd. and on the north and east by a boundary fence. The southwest corner of the site, the intersection of Line 2 and Pentolite Roads is used as a reference location.[5] The coordinates are 41° 23' 03.73" North Latitude and 82° 41' 05.80" West Longitude.[6] Figure 1 shows the site layout and remaining PBRF buildings (as of early February 2012).

The site is generally level and graded to promote surface water drainage to the Water Effluent Monitoring System (WEMS) located at the south east corner of the site [USACE 2004]. The site reference grade level at the Reactor Building is 631 ft. above mean sea level [NACA 1956].[7]

[4] See Technical Specifications for the License No. TR-3 (Amendment 13) and License No. R-93 (Amendment 9) [NASA 2007a].

[5] Prior to decommissioning, the Reactor Vessel center was typically used as a local reference location for the PBRF.

[6] Note that the coordinate grid system used for construction of the PBRF was a local coordinate system established by the Army Corps of Engineers in the 1940's for construction of the Plum Brook Ordinance Works. This local grid system has been balanced (tied in) to the Ohio regional state plane coordinate system by NASA to align Glenn Research Center and Plum Brook Station geographic references with modern high-accuracy geo-reference systems. This provides the ability to reference locations specified on historical drawings to global latitude and longitude [Hagelin 2010].

[7] The finished floor elevation of the Reactor Building first floor is designated as the 0 ft. elevation for major PBRF buildings. This is one ft. above grade level at the Reactor Building location.

The PBRF 27 acre site contained several multi-story buildings and multiple support structures. Below-grade structures and utilities extended throughout the site. These included underground pipe and utility tunnels, storm drains, catch basins, sanitary sewers, water and gas supply lines, cathodic protection wells and ground water monitoring wells. Prior to decommissioning, about 25% of the site was occupied by buildings, water processing structures (WEMS, sludge basins, CRBs, etc) paved roadways, parking areas, sidewalks and equipment pads. The remainder of the site surface was open land soil areas.

Areas adjacent to the PBRF on the north (north of North Rd.) contained utilities and support facilities for PBRF operations. These included the Assembly Test and Storage (ATS) Building, the former Reactor Office Building, an electric substation, a deionized water storage tank, gas tanks and cryogenic storage tanks and water treatment sludge drying basins. All these facilities and the surrounding land area were cleared of licensed radioactive materials and released from the PBRF NRC licenses prior to decommissioning of the PBRF.[8]

2.2 History of Site Operations

Plum Brook Station was formerly a World War II era explosives manufacturing facility and prior to that was occupied by family farms and orchards [Bowles 2006]. Construction of the Plum Brook Ordinance Works (PBOW) in 1941-42, involved razing of existing farms, residences and small commercial buildings and construction of explosives manufacturing facilities. After World War II, the PBOW lay dormant for 10 years. In 1955 the Department of the Army transferred 500 acres in the northern portion of the former Ordinance Works to the National Advisory Committee on Aeronautics (NACA), the NASA predecessor, for construction of the Plum Brook test reactor facility.

The first tasks in the PBRF construction were to remove the PBOW facilities and clean up chemical residues from explosives production. This included removal and cleanup of two large chemical waste water retention basins located in the southeastern portion of the present-day site. See Exhibit 1 of Appendix A for an aerial view of the site prior to BPRF construction showing PBOW “production lines” and the retention basins.

Construction of the Plum Brook Reactor and associated facilities required extensive excavation and backfilling. Soil was excavated to bedrock and bedrock was excavated in construction of the Reactor Building and nearby support buildings and in construction of large water handling facilities, the Cold Retention Basins (CRB) and Emergency Retention Basin (ERB) [USACE 2004]. See construction photos, Exhibits 2 and 3 of Appendix A. These photos illustrate the extensive excavation of the site during PBRF construction. The entire 27 acre site was graded and a storm drain system installed to direct surface runoff towards the WEMS [NASA 2007]. This included filling in an existing surface stream (see Exhibit 4 of Appendix A). These actions reversed the direction of surface water drainage which was formerly toward the northeast.

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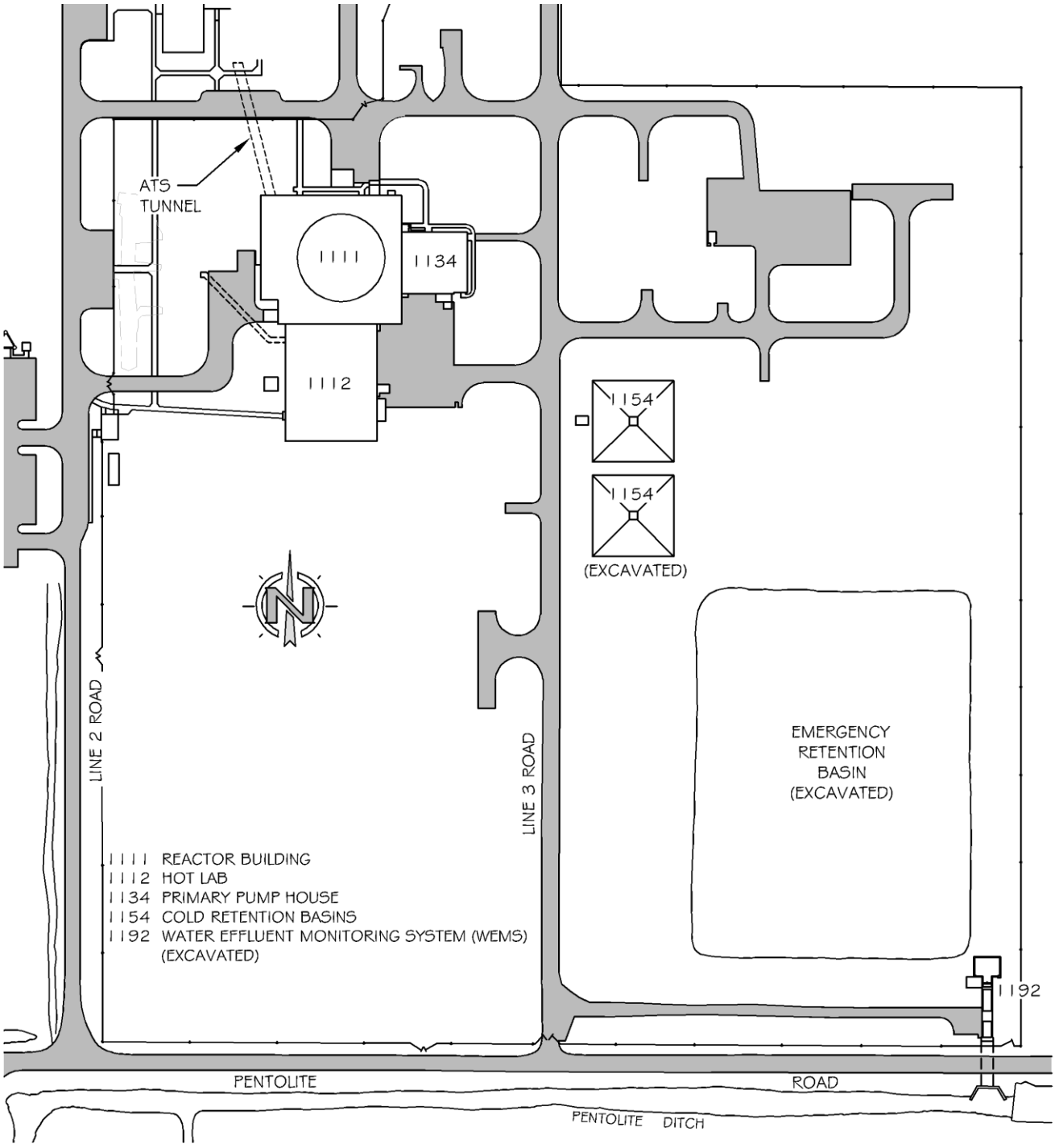
[8] License Number TR-3, Amendment No. 6, approved by NRC letter dated Dec. 17, 1976.

Figure 1, PBRF Site Layout



Major PBRF milestones are listed below: [9]

1956 – September, groundbreaking for PBRF.

1956 – Reactor Building construction initiated.

1959 – 1960 Major building construction completed.

1961 – June, 60 MW Test Reactor critical.

1973 - January 5th, Reactor shutdown.

1973 – June 30, PBRF facilities placed in "standby" condition.

1985 – Initial radiological characterization, Teledyne Isotopes Inc.

1989 – Follow-up radiological characterization, GTS-Duratek.

2002 – Decommissioning Plan approved. Equipment removal and initial building decontamination.

2005 - 2010 – Decommissioning of Buildings and Excavation of Soil and Materials.

2010 - 2011 FSS of Excavated Soil.

It is noted that the major buildings were completed in the construction period, 1956 - 1960, but modifications to the site that affected areas excavated during decommissioning occurred throughout the operations period. These included installation of cathodic protection wells (1961-62), construction of the Waste Handling Building (1962-64), construction of the Assembly and Test Storage Building (ATS, Building 1142) utility and personnel passage tunnel to the Reactor Building (1964-65), WEMS modifications (several times during 1961 – 1973) and modification of storm drains (1968).

2.3 Site Geology and Soil Description

The Plum Brook Station and the PBRF site are underlain by shale and sandstone formations at varying depths (approximately 2 to 25 ft.) across the station with surface outcrops at some locations. The depth to bedrock is about 25 ft in the vicinity of the Reactor Building [NASA 2007]. Surface deposits constitute a mixture of soils derived from fine sand, silt, clay and unconsolidated glacial till [NASA 1959]. Soils in the vicinity of the PBRF are composed of loam, loamy fine sand and fine sandy loam [USACE 2004].

However, the PBRF site soils are not considered characteristic of native-undisturbed soils in the site vicinity. A series of major disturbances have occurred dating back to the 1940's.

[9] Information sources for the site history include construction drawings and photos, PBRF operating cycle reports, PBRF annual reports, memoranda and other historical files maintained by PBRF Document Control.

Construction of the PBOW involved extensive excavation to construct the ordinance production lines and process waste water retention basins. As a result of PBOW operations from 1942 – 1945, the PBRF site was extensively contaminated with chemicals used in the manufacture of Pentolite.[10] A site cleanup campaign was mounted prior to PBRF construction [Bowles 2006]. During this cleanup, unknown quantities of soil were reportedly removed from the site and fill material was likely brought in from off-site [USACE 2004]. And, as described in the previous section, construction of the PBRF involved extensive excavation and backfilling on the 27 acre site.

2.4 Site Soil Characterization

Site soil characterization results are summarized to identify areas requiring remediation (excavation) and to present radionuclide profiles of radiological constituents of PBRF origin. Radiological characterization of PBRF soils has been performed on several occasions after the facility shutdown in 1973. The initial post-shutdown characterization survey performed in 1985 (reported in 1987) by Teledyne Isotopes, Inc. included sampling and analysis of site soils [Tele 1987]. In 1998, GTS Duratek performed a characterization survey to confirm the 1985 Teledyne results and to provide additional data on isotopic composition of contamination. From these studies, it was concluded that the ERB, the Pentolite Ditch, the CRBs and several localized areas required remediation.[11]

In 2004, a comprehensive characterization survey of the site was performed by the decommissioning contractor to identify contaminated soil areas and develop radionuclide profiles to guide remediation efforts. The area inside the PBRF site was divided into 11 survey units. Two areas outside the site fence that were known to be contaminated were also characterized; an area east of the WEMS and the Pentolite Ditch. Altogether, 610 surface and 1,043 subsurface soil samples were collected and analyzed by gamma spectroscopy [MWH 2005]. Selected samples were sent to vendor laboratories for analysis of non-gamma emitters.

Remedial action levels (RALs) to guide decommissioning planning were set at 50% of DCGLs published in the FSS Plan [MWH 2005a]. On this basis and from results of characterization surveys described above, the following areas were identified as requiring remediation:

- Emergency Retention Basin
- Cold Retention Basins
- Water Effluent Monitoring System
- Storm Drains and Catch Basins
- Waste Handling and Fan House Building sub-foundation (portions)

[10] Pentolite is a 50/50 mixture of the explosives PETN and TNT. See for example: http://www.lookchem.com/Pentolite/.

[11] It is noted that the Teledyne and GTS Duratek surveys were performed prior to the issuance of the current release criteria in 10CFR20 Subpart E and the supporting guidance on acceptable methods for characterization and final status surveys to demonstrate compliance. The 1985 and 1998 surveys relied heavily on gross activity analysis of material samples (including soil) and exposure rate measurements. These surveys identified locations of contaminated soil but did not provide information needed to determine nuclide profiles, DCGLs, and action levels for remediation and final status survey of site soils.

- Pentolite Ditch and Environs, identified as Areas of Concern (AOCs).

In addition, several discrete contaminated areas that resulted from spills were defined. Subsequent to the 2004 characterization surveys, additional characterization was performed to further delineate these spill areas.[12] The spill areas are summarized in Table 1 (they are also shown in Figure 2).

Table 1, Spill Area Summary

Name	Location	Approximate Size (ft^2) (1)	Description
Spill Area No. 1	Along E half of PPH S wall	25	Contaminated concrete, asphalt and soil area. Cs-137 up to 1.67 pCi/g & Co-60 up to 4.48 pCi/g (in soil 0 to 6 in depth). Designated as a Co-60 area. (2)
Spill Area No. 2	N of Reactor Building near Catch Basin 4	2000	Site of a 300 gallon liquid spill during transfer of contaminated water in 2005. Was remediated in 2005. Designated as a Co-60 area. (3)
Spill Area No. 3	E side of Hot Lab at Rollup Door	1000	Cs-137 up to 431 pCi/g & Co-60 up to 271 pCi/g (0 to 6 in depth). Designated as a Co-60 area. (3)
Spill Area No. 4 (small area)	S of WHB	22	Smaller of two distinct sub-areas identified as Spill area No. 4. Above scan RAL, but no soil samples > 0.5 x DCGL. (3)
Spill Area No. 4 (main area)	W of Line 3 Rd approximately 100 ft. S of WHB	2400	Larger of two distinct sub-areas identified as Spill area No. 4. Scan results > bkg., but below scan RAL; no soil samples > 0.5 x DCGL. (3)
Spill Area No. 5	S of South CRB	600	Above scan RAL, but no soil samples > 0.5 x DCGL. (3)
Spill Area No. 6	E of SEB & S of Sludge Basins	2500	Scan surveys in 2006 failed to detect levels above bkg., except in one very localized area (~ $2ft^2$) just south of catch basin CB-9A, which was > RAL. (3)
WEMS Spill Area	E of WEMS outside Perimeter Fence	2500	Soil area contaminated from WEMS overflow-flood events. Cs-137 up to 19.1 pCi/g & Co-60 up to 1.28 pCi/g (0 to 6 in depth). (4)

Table 1 Notes:

1. Approximate surface area of potentially impacted areas investigated.
2. Descriptive information and survey results from Survey Request SR-3.
3. Descriptive information and survey results from Survey Request SR-16 and personal communication, FSS supervisor.
4. Descriptive information and survey results from Survey Request SR-208.

[12] Survey Request SR-3, Spill Area No.1 (January 2006) and SR-16, Spill Areas No.2 through No.6 (May 2006).

Using characterization survey results, radionuclide profiles were developed for the areas that were identified as requiring remediation. These were published in a technical basis document to establish radionuclide mixtures and DCGLs for FSS of the site soils [PBRF 2009]. The site and impacted adjacent environmental areas were divided into groups with similar radionuclide profiles. Activity fractions of the principal radionuclides, Cs-137, Co-60 and Sr-90 were established for each group. The results are shown in Table 2.[13]

Table 2, Principal Radionuclides and Activity Fractions for Site Soils

Location	Activity Fractions		
	Cs-137	Co-60	Sr-90
Default for PBRF site and Spill Areas 4, 5 & 6.	0.912	0.007	0.081
Spill Areas 1, 2 & 3	0.201	0.714	0.085
Environs Outside Perimeter Fence	0.878	0.037	0.085
Pentolite Ditch and Environs	0.969	0.014	0.017

2.5 Sources of Excavated Materials

Principal areas requiring excavation are identified in the preceding section. During PBRF decommissioning, soil was excavated from these and several additional locations. Figure 2 shows the locations of excavations within and adjacent to the PBRF site. Exhibit 5 of Appendix A shows the areas excavated in the Pentolite Ditch and adjacent dredge spoil areas, identified as areas of concern (AOC).

Several areas, outside the 27 acre PBRF site, were impacted by radioactive materials from PBRF operations and decommissioning activities. The Pentolite Ditch, which received liquid effluents from the PBRF, and surrounding land areas, were remediated by excavation and the impacted areas subjected to FSS after remediation. An area adjacent to the site boundary east of the WEMS was found to contain contaminated soil (from overflow during severe storms in the PBRF operations period). Small volumes of contaminated sediment were removed from the Plum Brook downstream of the Pentolite Ditch in 2010.

The sources of excavated material generated during PBRF remediation activities are summarized below. The FSS of surfaces exposed by excavation are not described here, but are covered in the FSS reports for each affected land area or structure.

[13] Other radionuclides have been measured in PBRF characterization soil samples. In the FSS Plan, soil DCGLs were published for eight radionuclides (Co-60, Cs-137, Sr-90, Eu-152, Eu-154, Fe-55, Ni-69 and Ni-63). The dose to the Resident Farmer from radionuclides other than the principal three was calculated to be only 0.5 mrem/y. Hence, as this dose is well below the NRC 10% criterion, these radionuclides are considered insignificant.

Emergency Retention Basin

During 2005, approximately 3,400 tons of soil were excavated from the ERB and shipped for disposal as radwaste by the decommissioning contractor.[14] In late 2009, demolition of the ERB was completed. This consisted of removal of standing water, removal of cover and miscellaneous debris, removal of concrete block walls and excavation of potentially contaminated soils. This work was performed under PBRF Work Execution Package, PBRF-WEP-09-025.[15] This included excavation of approximately 6 in. of soil from the basin floor and excavation of the entire surrounding berm.

Pentolite Ditch

In 2005, 1600 tons were excavated from the Pentolite Ditch and surrounding areas and shipped as radwaste.[14] In 2009, remediation of the Pentolite Ditch and adjacent AOCs were completed. This work was performed under PBRF Work Execution Package, PBRF-WEP-09-003. See Exhibit 6 in Appendix A for a photo of Pentolite Ditch excavation in progress. Approximately 35,500 tons of soil were removed and staged for FSS. [16]

Cold Retention Basins

The Cold Retention Basins were removed in 2009. After the CRB structures and concrete basins were demolished and removed, potentially contaminated gravel and soil was removed from the basin cavities and perimeters. See Exhibit 7 in Appendix A for a photo of CRB excavation. This work was performed under PBRF-WEP-09-006.

Miscellaneous Structures and Pads (including the WEMS)

Approximately 50 miscellaneous structures (foundations, basins, pits and trenches) and equipment pads were removed during PBRF decommissioning. These included equipment pads, sidewalks, building roll-up door aprons, pipe trenches, and large structures such as the WEMS. A detailed listing is provided in PBRF-WEP-09-15, which covered removal of most of these items. Some of these structures were removed or demolished under WEP-09-20. Pads on grade were removed and concrete structures that extended below grade were removed to at least 3 ft. below grade. Many of these structures and pads were either confirmed or potentially impacted by radiological contamination and the adjacent and underlying soil was excavated for evaluation and FSS.

[14] Weights of soil shipped as radwaste from the ERB and Pentolite Ditch during 2005 are obtained from PBRF Decommissioning Project waste shipment records.

[15] The FSS of the ERB is reported in Attachment 10 of the PBRF Final Status Survey Report.

[16] The FSS of the Pentolite Ditch is reported in Attachment 4 of the PBRF Final Status Survey Report.

Storm Drains and Catch Basins

In 2010 and early 2011, potentially contaminated soil was excavated while removing approximately 7700 feet of contaminated storm sewer piping and the associated catch basins. This work was performed under PBRF Work Execution Packages, PBRF-WEP-09-020 and PBRF-WEP-09-027. A detailed description of this work is provided in Attachment 7 of the FSS Report.

HRA Underground Storage Tanks

Excavation of potentially contaminated soil required to remove underground storage tanks adjacent to the HRA was performed in 2010. This work was performed under PBRF Work Execution Package, PBRF-WEP-09-010.

WHB and Fan House Sub-foundations

Excavation of the WHB Evaporator Pit and the Fan House Resin Pit was performed in 2010. In addition to removal of the concrete pit structures, potentially contaminated soil adjacent to and beneath the pits was removed. This work was performed under PBRF Work Execution Packages, PBRF-WEP-09-010 and PBRF-WEP-09-020. See Exhibit 8 in Appendix A for a photo of the WHB evaporator pit excavation.

Spill Areas

Remediation of the designated spill areas was performed under several Work Execution Packages. Spill Areas No. 1 and No. 3 and the WEMS Spill Area were excavated under WEP-09-009. Spill area No. 2 was remediated in 2005. Any remnants of this spill area were excavated in 2009-10 as part of the storm drain system dismantlement under PBRF-WEP-09-20. Spill Area No. 4 was also excavated as part of the Storm Drain system dismantlement. A contaminated soil area located just south of the south CRB identified as Spill Area 5 was excavated as part of the CRB excavation under PBRF-WEP-09-006.

Building Demolition

Several buildings have been demolished as of late 2011 during PBRF decommissioning. The Fan house (Building 1132), Waste Handling Building (Building 1133) and Hot Retention Area structure (Building 1155) were demolished under PBRF-WEP-09-017. The Service Equipment Building (SEB) and the Reactor Office and Laboratory Building (ROLB) were demolished under PBRF-WEP-10-005 and 10-006, respectively. These demolitions included excavation of some adjacent soil to gain access to contaminated sub-surface structures. Also, overburden soil was excavated from the Cold Pipe Tunnel (CPT) as part of the SEB demolition and from the underground Calibration Facility as part of the ROLB demolition. Exhibit 9, of Appendix A shows a view of the HRA after the overburden has been excavated prior to the structure demolition.

Plum Brook

As previously reported, radioactive material of PBRF origin, mostly Cs-137 and lesser quantities of Co-60 were measured in the Plum Brook downstream of the Pentolite Ditch in 2005. Comprehensive characterization surveys of the Plum Brook were subsequently performed. These surveys identified scattered- localized areas of contamination in excess of the PBRF site Cs-137 DCGL (14.7 pCi/g in soil) in the stream bed and banks [PBRF 2009d, PBRF 2010]. Most of these occurrences were found between the Pentolite Ditch and the Plum Brook Country Club, a distance of about 2 miles. Approximately 20 localized areas where concentrations above the Cs-137 DCGL were measured were remediated by hand excavation. This task was performed under PBRF-WEP-10-007 [PBRF 2010a]. Approximately 15 tons of sediment and soil were removed and transported in 55 gallon drums to the PBRF for disposal as radwaste.

Impacted Utilities

Several underground utilities that traversed impacted soil areas were removed during 2009 and 2010. This included:

- excavation and removal of approximately 1300 ft. of sanitary sewer piping,
- removal of underground process piping from the CRB Valve Pit to the Fan House (including the HRA pump-out line),
- removal of resin/valve pit adjacent to (south of) the PPH and associated drain lines and
- removal of approximately 630 ft of miscellaneous piping in the vicinity of, and between the Fan House and the PPH, including the PPH resin pits. This work was performed under PBRF-WEP-09-007.

RCRA Soil Area

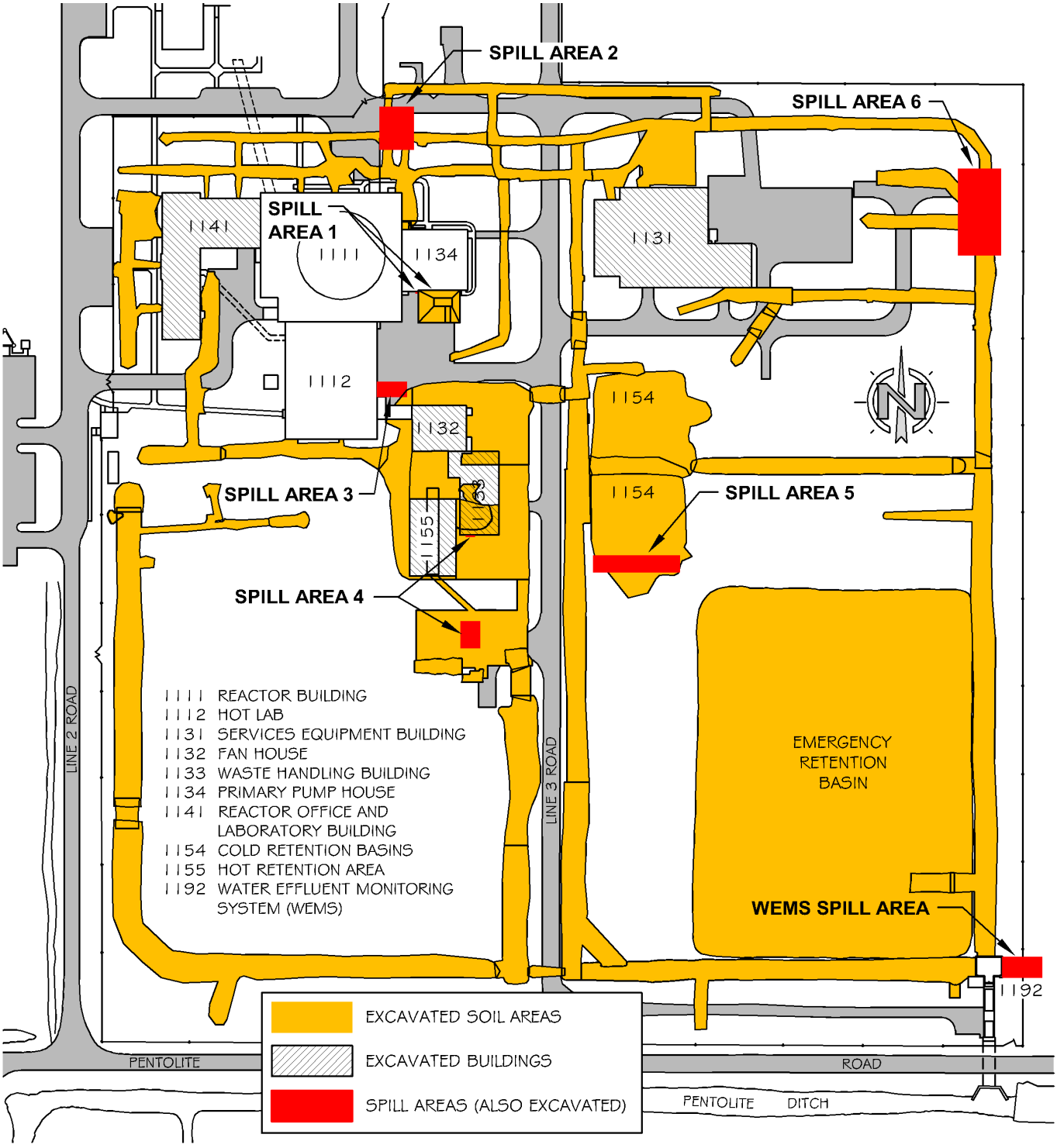
Soil potentially contaminated with volatile organic compounds (VOCs) was excavated during removal of approximately 60 ft. of storm drains, two catch basins and an abandoned water monitoring well located immediately south of the former SEB. This action was performed in accordance with the NASA Plum Brook groundwater remediation plan [SAIC 2010]. The plan called for removal of the subject storm drain piping, catch basins, former monitoring well and associated overburden and impacted soil as potential sources of groundwater contamination. This work was controlled under PBRF-WEP-09-027. Approximately 2000 tons of soil were excavated and evaluated for radioactivity and VOCs. The soil was surveyed for radioactivity and found to be acceptable for free release under PBRF Radiation Protection Procedure, RP-08 (no detectable activity). Seven 55-gallon drums of VOC contaminated liquid/sludge were removed from the catch basins, sampled and evaluated. They were classified as hazardous waste and shipped offsite for disposal at a licensed disposal facility [SAIC 2010].

Decommissioning Temporary use Material

This material consisted mostly of gravel and ballast that was trucked in for temporary use during PBRF decommissioning. It included base material for staging excavated soil and soil

stockpiles, temporary fill, for example ERB repair (PBRF-WEP-09-005) and access ramp for CRB excavation (PBRF-WEP-09-006), haul roads and temporary Storm Drain excavation over-crossing roads. Approximately 620 truckloads (22 tons ea.) of gravel for temporary use were delivered to the PBRF site in 2008 through 2011. When no longer needed, this material was excavated and staged for FSS. The FSS of most of this material was performed by placement in lifts for manual surveys.

Figure 2, PBRF Site Showing Excavated Areas



3.0 Handling and Processing of Excavated Materials

This section describes handling and processing of excavated materials, including separation of soil from other materials, initial radiological screening and staging for FSS. The two methods for FSS of excavated soil are described.

3.1 Process Overview

As noted previously, contaminated soil areas were remediated by excavation in two distinct campaigns: 2004 – 2005 and 2008 – 2011. In the initial campaign, most of the excavated soil, approximately 5,000 tons excavated from the Pentolite Ditch and the ERB was shipped for offsite disposal as radioactive waste - no FSS of excavated soil was performed. What follows is a description of excavated soil processing and FSS during 2009 – 2011. In this period, the majority of soil excavated during the PBRF decommissioning was processed.

Management of excavated soil and materials was implemented via a system of soil stockpiles. This was a key element of the overall soil handling and survey process. The stockpile arrangement is shown in Figure 3. It is depicted as operated during the most active period (2009 and 2010). A photograph of the main soil staging stockpile area is shown in Exhibit 10 of Appendix A. This material was controlled under PBRF Radiological Control and FSS procedures to control contaminated stockpiles as radioactive material and to prevent contamination of designated clean stockpiles.

A flow diagram of the process for handling of excavated soil is shown in Figure 4.[17] It shows the principal steps from excavation to FSS and ultimate disposition as radwaste or use as backfill. The entire process was controlled by applicable work, safety and radiological control procedures. Typically, the first step in the process was to perform a walkover Gamma scan survey of the designated area prior to excavation. From the results of the pre-excavation scan surveys, material disposition was as follows:

1. Material determined to be above the action level for offsite disposal (> DCGL) was, transported directly to an “above criterion” radwaste stockpile and staged for disposal as radioactive waste – no FSS of this material was performed.[18]
2. Material determined to be below the RAL was transported to an “overburden stockpile”.
3. Material above the RAL and below the DCGL was transported to a “contaminated stockpile”.

All material in the overburden and contaminated stockpiles was designated as feed material for FSS. Two principal methods were used for performing FSS of excavated soil. Most of the

[17] It is noted that variations on the process may occur and certain details are not shown in Figure 3.

[18] In the pre-excavation surveys, the action level for determining off-site disposal was set at the most conservative DCGL. In most areas, scan walkover surveys were performed with 2x2 in. NaI detectors with scaler-rate meters set to record counts in an energy window corresponding to the Cs-137 (Ba-137) 0.661 Mev gamma. For this setup, the default, most conservative surrogate DCGL for Cs-137, 10.3 pCi/g corresponds to 700 net cpm (RWP No. PB-1-005, 12/22/09).

excavated soil material generated during 2008-2009 was processed and surveyed using a conveyor survey-sorting system. This system is identified as the "Orion ScanSort" System [Lopez 2010]. It is described in Section 3.2 below. After the system was demobilized in August 2010, excavated soil and gravel was placed on standard "lifts", 6 inches thick and surveyed by manual walkover scan survey and sampling.

Figure 3, Soil Staging and Processing Areas

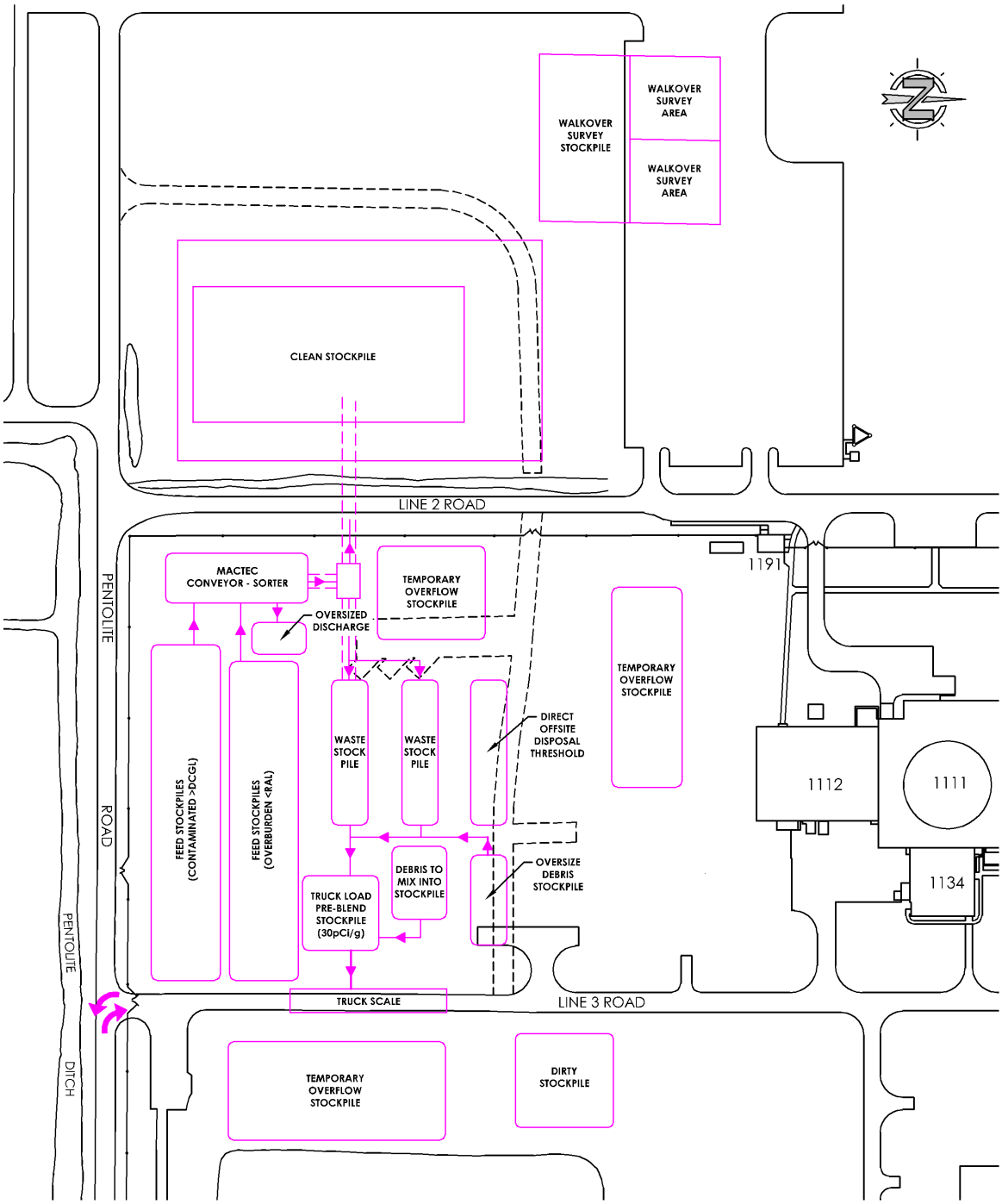
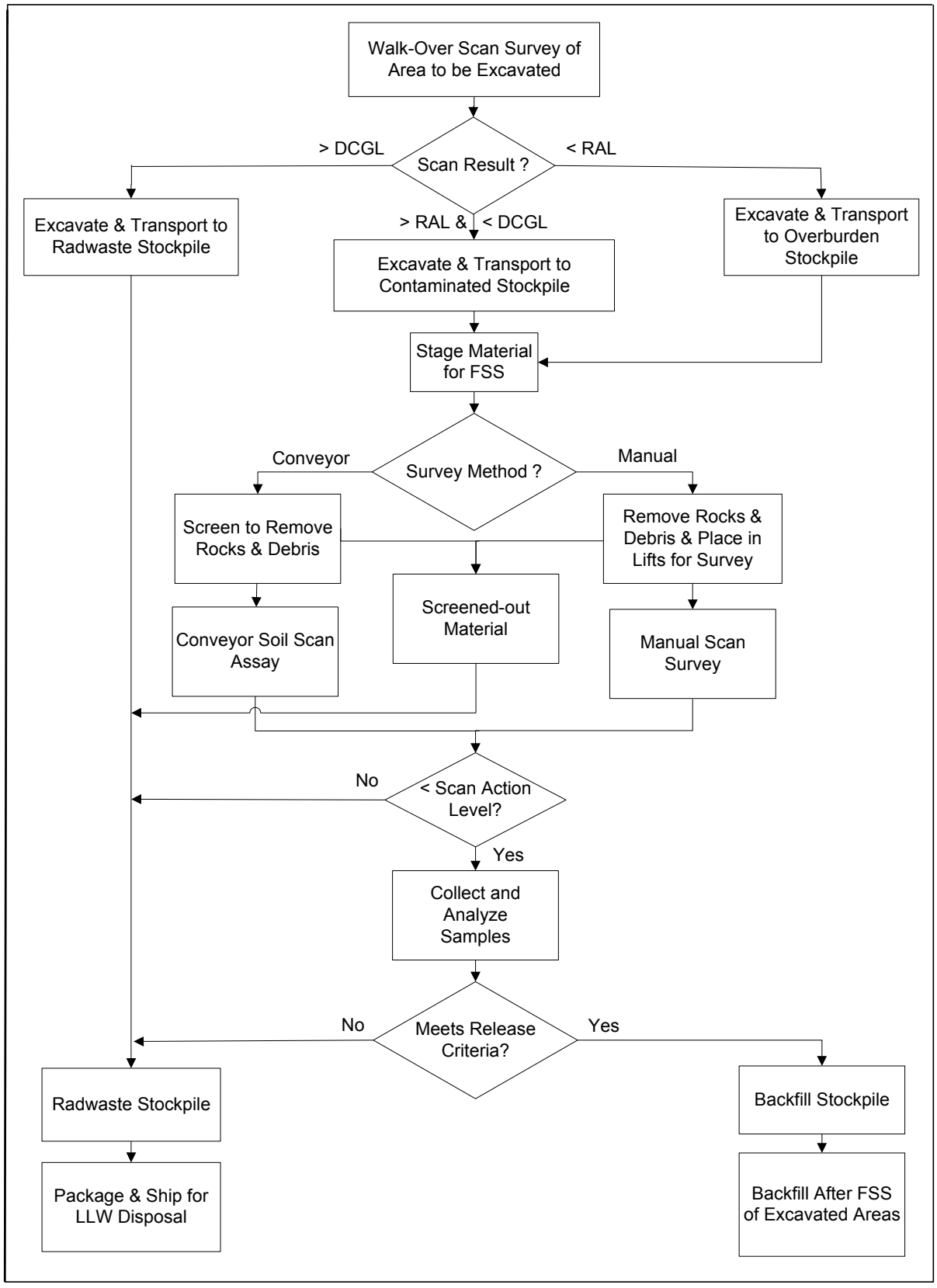


Figure 4, Excavated Soil Process Flow Chart



3.2 Survey and Sorting with Conveyor System

Because large volumes of soil were expected from PBRF site remediation, NASA requested that the decommissioning contractor provide an automated soil survey sorter system for FSS of excavated soil. Mactec Development Corp. was contracted to provide this service.

The ScanSort conveyor system layout as operated at the PBRF is shown in Figure 5. Material was delivered from the feed stockpiles by heavy equipment, such as "front-end loaders" or excavators, to a screener for removal of large debris (> 4 in.). Material which passed through the screener was fed into a rotating drum-trommel which further screened the feed material (with a 2.5 in. screen) and delivered a steady stream to the first conveyor section. Material rejected by screening equipment was staged in stockpiles designated for disposal as radwaste. A photograph of the conveyor system in operation is shown in Exhibit 11 of Appendix A.

Screened feed material proceeded to Conveyor No. two where it passed under the detector system. This assembly consisted of two large NaI gamma scintillation detectors (4 x 4 x 16 in.) coupled to a gamma spectroscopy system. The soil passing beneath was scanned by the detectors, which were calibrated to measure the Cs-137 activity concentration in the soil [Lopez 2010]. This in effect, implemented the FSS Plan scan survey requirement for the soil.

Conveyor No.3, a reversing conveyor, was located immediately downstream of the detection conveyor. It directed the flow of material passing beneath the detectors to the appropriate discharge conveyor. The reversing conveyor is shown in Exhibit 12 of Appendix A. The diversion control set point (DCS), was set at a count rate equivalent to 5.2 pCi/g, one-half of the DCGL (10.3 pCi/g, surrogate DCGL for soils where Cs-137 predominates). [19] Soil determined to be below the DCS was directed by Conveyor 3 to the "clean" discharge path via conveyors 5 and 6 to stacking conveyor No. 7. The clean discharge stacking conveyor is shown in Exhibit 13 of Appendix A. The photograph shows the system delivering soil to the clean discharge stockpile area.

When soil that exceeded the DCS was detected, the conveyor control system reversed the direction of conveyor No. 3, the sorting conveyor, and the material was directed to conveyor No.4, for discharge to the "above criteria" soil pile. There the material was staged for radwaste shipment. The "above criteria" discharge Conveyor No. 4 extends from the left in the Exhibit 12 photo.

To meet the FSS Plan requirement for collection and analysis of systematic samples from each soil survey unit, samples were collected from the ScanSort "clean discharge" conveyor. One liter grab samples were manually collected by a qualified FSS technician from the clean discharge conveyor at regular intervals to ensure that a minimum of 15 samples were collected per 500 tons of clean discharge soil.[20] The clean discharge soil was delivered to

[19] The 10.3 pCi/g criterion value is the most conservative Cs-137 surrogate DCGL calculated for soil [PBRF 2009]. Also see additional discussion of DCS implementation in Section 4.1 and 4.4.

[20] Systematic FSS samples were collected under instructions in SR-152, *Soil System Process Area*, Approved 7/21/09, Closed 11/1/10.

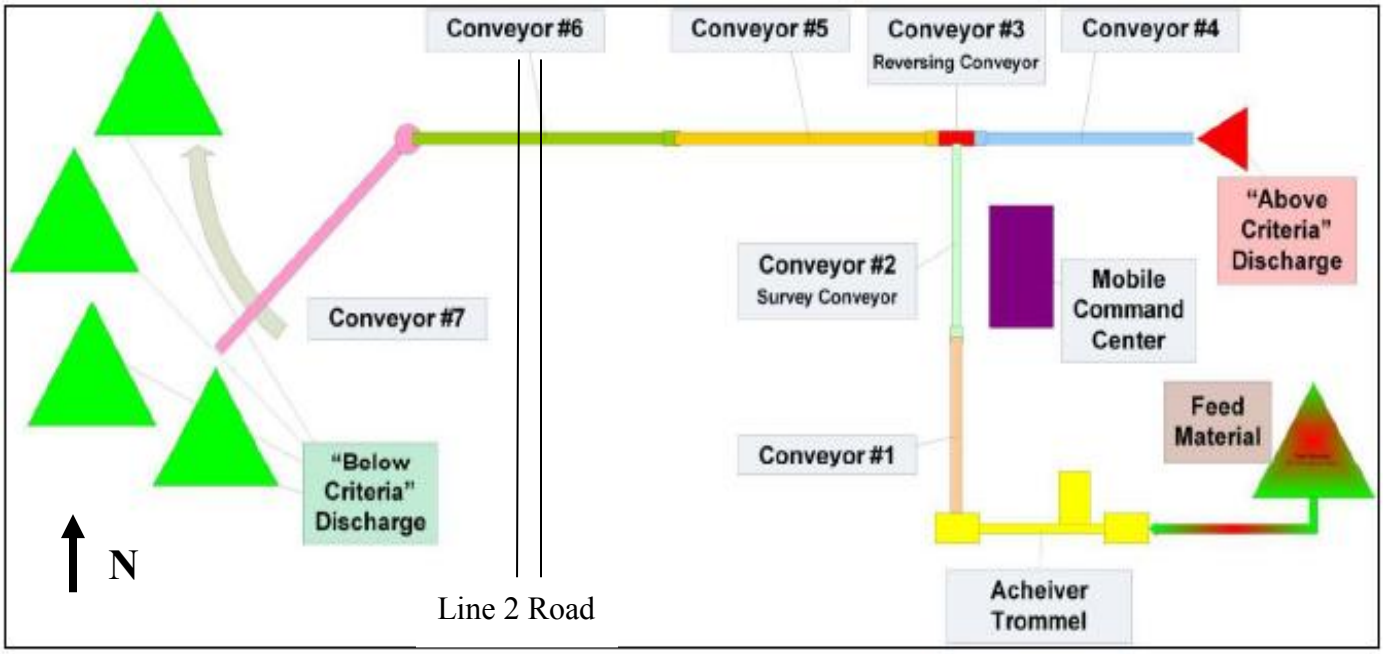
individual 500 ton piles by the stacking conveyor. The piles were identified as numbered batches, each equivalent to a Class 1 soil survey unit; 211 batches in all. The one liter grab samples were analyzed by gamma spectroscopy at the PBRF on-site counting laboratory.

Clean discharge piles were maintained with FSS isolation controls until all the FSS systematic sample concentrations were confirmed below applicable DCGLs and verification surveys were performed on selected clean discharge piles (under SR-171). The verification survey of selected piles included gamma scans and samples collected for gamma spectroscopy analysis by the PBRF on-site counting laboratory.[21] After successful completion of the verification surveys, individual piles were moved to a large clean material stockpile for use as backfill in excavated areas on the site.

An additional detector system, called the auxiliary detector system was added to the ScanSort conveyor system to meet the FSS Plan requirement for replicate QC scan of a minimum of 5% of scanned soil. This system, configured and calibrated to the same specifications as the primary detector setup, was installed above conveyor No. 6 (refer to Figure 5). It assayed all "below criterion" soil from batch 139 through 211, about 34,300 tons. The auxiliary system did not identify any soil above the diversion control set point of 5.2 pCi/g [Lopez 2011].

The ScanSort system was operated from August 2009 to August 2010, with two pauses (11/2 to 12/7/2009 and 4/15 to 7/5/2010) to allow for excavation to replenish feed material stockpiles. Altogether slightly over 97,000 tons of soil was processed by the ScanSort system. Over 99% of the material assayed was below the 5.2 pCi/g DCS.

Figure 5, Schematic of Mactec Orion ScanSort Conveyor



[21] The verification surveys were conducted under instructions in SR-171, *Perform Verification Surveys of the Soil Segregated to the Clean Stockpile Area by the Mactec SS-Series Conveyorized Soil Sorting System*, Approved 8/4/09, Closed 9/13/10.

3.3 Survey of Material in Lifts

Following demobilization of the Orion ScanSort system in August 2010, remaining stockpiled contaminated soil and soil excavated subsequently were surveyed to meet FSS plan requirements by placement on "lifts". A controlled area was established west of Line 2 Road for this purpose. Two standardized areas, each 859 m^2, were constructed in a paved parking area located behind the project mobile office units. These are shown in Figure 4 as "walkover survey areas". Soil to be surveyed was placed in 6 in. thick lifts, graded and leveled. Exhibit 14 of Appendix A shows soil placement in a lift. Exhibit 15 of Appendix A shows the walkover scan survey of a lift in progress. Following successful completion of the FSS for each lift, soil was removed and placed on a "clean" stockpile for use as backfill. The lift method for FSS was utilized from August 2009, after demobilization of the Mactec ScanSort system, until completion of excavated soil FSS in 2011.

3.4 Post-FSS Handling and Disposition

Materials that were subjected to FSS (by the soil sorter conveyor system and by the "lift" method) were staged according to their FSS outcome. Materials which satisfied the FSS Plan criteria for release were staged in stockpile areas designated for "clean" material. Clean material stockpiles included material determined to be "clean" via FSS, excavated material found to be below the RAL and "clean" backfill material brought in from offsite. Stockpiled clean material has been used for backfill of excavated areas which have successfully completed FSS. The remaining unused material is stockpiled in isolated-controlled clean areas for use in site restoration. See Exhibit 16 of Appendix A for a photo of backfilling an excavated storm drain trench. Exhibit 17 shows a view of the backfilled former ROLB site.

Material staged for offsite disposal as radioactive waste included:

- excavated material found to be above the DCGL in the pre-excavation survey,
- oversized material screened and ejected from feed material to the ScanSort and
- material that "failed" FSS.[22]

This material was staged in areas controlled as radioactive material areas.

4.0 Survey Design and Implementation

This section describes the basic FSS plan requirements for survey design and implementation. This includes DCGLs, determining number of samples, scan coverage and investigation levels and elevated measurement comparison. It describes how these requirements were implemented for survey of excavated material. This is followed by a discussion of instrument scan sensitivities and laboratory sample analysis detection sensitivities (MDAs) to meet FSS Plan requirements.

[22] Some of the oversized material was surveyed and released under the PBRF Radiological Control Procedure RP-008, *Radiological Release of Equipment, Material and Vehicles*.

4.1 Basic FSS Plan Requirements

The DCGLs for individual radionuclides in soil were calculated using RESRAD Version 6.21 for a resident farmer occupancy scenario. The DCGL calculations are described in the FSSP, Attachment B. The DCGL values from the FSSP for the three significant PBRF radionuclides are given in Table 3. These DCGL values are also applied to subsurface soil and to soil-like excavated materials such as sediment and soil-sand-gravel mixtures.

Table 3, Single Radionuclide DCGL Values for Soil

Radionuclide	DCGL (pCi/g)
Co-60	3.8
Sr-90	5.4
Cs-137	14.7

For application to FSS of soil at PBRF, surrogate DCGLs are used to determine scan sensitivities, action levels and sample analysis MDA requirements. They are calculated from the single nuclide soil DCGLs using radionuclide mixtures established for the various outdoor land areas shown in Table 2 as described in the technical basis document on radionuclide distributions and DCGLs for site soils [PBRF 2009]. The following equation from the FSS Plan, Section 3.2.1 is used:

$$DCGL_{SUR} = \frac{1}{\left[\left(\frac{1}{DCGL_1}\right)+\left(\frac{R_2}{DCGL_2}\right)+\left(\frac{R_3}{DCGL_3}\right)+.....+\left(\frac{R_n}{DCGL_n}\right)\right]} \quad \textbf{(Equation 1)}$$

Where: $DCGL_{SUR}$ = Surrogate radionuclide DCGL,

$DCGL_1$ = DCGL for the radionuclide to be used as the surrogate for the other radionuclides,

$DCGL_{2, 3...n}$ = DCGL for radionuclides to be represented by the surrogate and

R_n = Ratio of concentration (or nuclide mixture fraction) of radionuclide "n" to surrogate radionuclide.

The surrogate DCGLs for soil FSS scans of the various outdoor open land areas are shown in Table 4. For most of the excavated soil FSS, where Cs-137 is the predominate radionuclide, the most limiting $DCGL_{SUR}$ value, 10.3 pCi/g, is used as the basis for scan survey investigation and action levels. For soil from areas identified as "Co-60" areas, the $DCGL_{SUR}$ value, 3.28 pCi/g, is used as the basis for scan survey investigation and action levels.

Table 4, Surrogate DCGLs for Soil FSS Scan Survey

Location	Activity Fractions			Surrogate Radionuclide	$DCGL_{SUR}$ (pCi/g)
	Cs-137	Co-60	Sr-90		
Default for PBRF site and Spill Areas 4, 5 & 6.	0.912	0.007	0.081	Cs-137	11.55
Spill Areas 1, 2 & 3	0.201	0.714	0.085	Co-60	3.28
ERB & Environs Outside Perimeter Fence	0.878	0.037	0.085	Cs-137	10.31
Pentolite Ditch and Environs	0.969	0.014	0.017	Cs-137	13.34

Survey designs incorporate requirements for scan coverage and investigation levels derived from the MARSSIM classification of survey units. The values listed in the FSS Plan applicable to soils are shown in Table 5.

Table 5, Class-Based Survey Scan Coverage and Action Level Requirements

Classification	Scan Survey Coverage	Scan Investigation Levels (1) (2)	Static Measurement or Sample Result Investigation Levels
Class 1	100%	$>DCGL_{EMC}$	$>DCGL_{EMC}$
Class 2	10 to 100%	$>DCGL_W$ or $>MDC_{scan}$ if MDC_{scan} is $>DCGL_W$	$>DCGL_W$
Class 3	Minimum of 10%	$>DCGL_W$ or $>MDC_{scan}$ if MDC_{scan} is $>DCGL_W$	$\geq$ 50% of the $DCGL_W$

Table 5 Notes:

1. The scan investigation levels shown above are as listed in the FSS Plan. However, the scan investigation level was set below the $DCGL_W$ for Class 1 soil survey units, as discussed below.
2. An investigation level per se, does not apply to the soil passing through the ScanSort system. However, in effect the system identifies soil that is above the DCS. The ScanSort Diversion Control Set Points in conjunction with two NaI detectors and associated electronics were operated to meet the following criteria:
   a. Allow soil that is below the 5.2 pCi/g Cs-137 Remedial Action Level to pass through to the clean discharge conveyor, but diverting volumes above the RAL.
   b. Divert small volumes of soil having a mass of 175 lb. or more that exceed the 10.3 pCi/g DCGL.

4.2 Survey Units and Classification for FSS

All excavated material subjected to FSS was classified as MARSSIM Class 1. Survey units were established for FSS of excavated soil such that the amount of material in each survey unit was less than the amount of material in the 0 to 6 in. depth of an area that meets MARSSIM guidance for open land Class 1 survey units, less than 2,000 m^2. Survey units were established for material processed through the ScanSort system that was discharged through the clean discharge conveyor. This material was subjected to FSS sampling under

SR-152, as described in Section 3.2. [23] The material was divided into nominal 500 ton batches staged in piles for verification scan surveys and sampling under SR-171, following the in-process FSS sampling of the ScanSort clean discharge. A total of 211 batches (survey units) were thus processed. The survey units are not individually listed here as their descriptions are identical.

As described in Section 3.3 above, the FSS of excavated soil that was not processed by the ScanSort system (or shipped as radwaste) was performed in standardized lifts of 859 m^2. A survey unit was established for each filled lift and surveyed as a Class 1 survey unit. Each lift survey unit was subjected to 100 % surface gamma scan and soil sampling as directed by a specific survey design and survey instructions. Samples were analyzed by gamma spectroscopy at the PBRF on-site laboratory. Approximately 9500 tons of soil comprising 41 survey units was processed for FSS using this method. The individual lift soil survey units are listed in Table 6. Table 6 includes four land area (surface soil) survey units that were established where the soil was stockpiled for the lift surveys.

Table 6, Survey Unit Listing for Soil Lifts

Survey Unit ID	Survey Design	Survey Request	Description (1) (2)
OL-5-1	55	283	Soils Lift Station - Lift #1
OL-5-2	55	283	Soils Lift Station - Lift #2
OL-5-3	55	283	Soils Lift Station - Lift #3
OL-5-4	55	283	Soils Lift Station - Lift #4
OL-5-5	55	283	Soils Lift Station – Lift #5
OL-5-6	55	283	Soils Lift Station – Lift #6
OL-5-7	55	283	Soils Lift Station – Lift #7
OL-5-8	55	283	Soils Lift Station – Lift #8
OL-5-9	57	286	Soils Lift Station – Lift #9 (3)
OL-5-10	55	283/290	Soils Lift Station – Lift #10
OL-5-11	57	283/290	Soils Lift Station – Lift #11(3)
OL-5-12	55	283/290	Soils Lift Station – Lift #12
OL-5-13	55	283/290	Soils Lift Station – Lift #13
OL-5-14	55	283/290	Soils Lift Station – Lift #14
OL-5-15	55	283/290	Soils Lift Station – Lift #15
OL-5-16	55	283/290	Soils Lift Station – Lift #16
OL-5-17	55	283/290	Soils Lift Station – Lift #17
OL-5-18	55	283/290	Soils Lift Station – Lift #18
OL-5-19	55	283/290	Soils Lift Station – Lift #19
OL-5-20	55	283/290	Soils Lift Station – Lift #20
OL-5-21	55	283/290	Soils Lift Station – Lift #21
OL-5-22	55	283/290	Soils Lift Station – Lift #22
OL-5-23	55	283/290	Soils Lift Station – Lift #23
OL-5-24	55	283/290	Soils Lift Station – Lift #24

[23] The amount of material in a 500 ton pile of soil spread evenly on the ground 6 inches thick would cover an area of approximately 2000 m^2, assuming a density of about 100 lb/ft^3 (1.6 g/cm^3).

Table 6, Survey Unit Listing for Soil Lifts

Survey Unit ID	Survey Design	Survey Request	Description (1) (2)
OL-5-25	55	283/290	Soils Lift Station – Lift #25
OL-5-26	55	283/290	Soils Lift Station – Lift #26
OL-5-27	55	283/290	Soils Lift Station – Lift #27
OL-5-28	55	283/290	Soils Lift Station – Lift #28
OL-5-29	55	283/290	Soils Lift Station – Lift #29 (3)
OL-5-30	55	283/290	Soils Lift Station – Lift #30
OL-5-31	55	283/290	Soils Lift Station – Lift #31
OL-5-32	55	283/290	Soils Lift Station – Lift #32
OL-5-33	55	283/290	Soils Lift Station – Lift #33
OL-5-34	55	283/290	Soils Lift Station – Lift #34
OL-5-35	55	283/290	Soils Lift Station – Lift #35
OL-5-36	55	283/290	Soils Lift Station – Lift #36
OL-5-37	55	283/290	Soils Lift Station – Lift #37
OL-5-38	55	283/290	Soils Lift Station – Lift #38
OL-5-39	55	283/290	Soils Lift Station – Lift #39
OL-5-40	55	283/290	Soils Lift Station – Lift #40
OL-5-41	55	283/290	Soils Lift Station – Lift #41
OL-5-42	55	283/290	Area South of Lift Station - Section #1
OL-5-43	55	283/290	Area South of Lift Station - Section #2
OL-5-44	55	283/290	Area South of Lift Station - Section #3
OL-5-45	55	283/290	Area South of Lift Station - Section #4

Table 6 Notes:

1. All survey units are Class 1.
2. The area of each lift is 859 m^2.
3. These lifts are comprised of soil from spill areas where Co-60 was the predominant radionuclide.

4.3 Number of Measurements and Samples

The number of measurements and samples for each survey unit established for the soil lifts were determined using the MARSSIM statistical hypothesis testing framework as outlined in the FSS Plan. The Sign Test is selected because background soil concentrations of the principal radionuclides are a small fraction of the applicable $DCGL_W$.[24] Decision error probabilities for the Sign Test are set at $\alpha = 0.05$ (Type I error) and $\beta = 0.10$ (Type II error) in accordance with the FSSP.

[24] Average soil/sediment concentration of Cs-137 measured in background areas near the PBRF in 2005 was 0.14 ± 0.05 pCi/g (one std. dev.) [PBRF 2011]. The Sr-90 concentration in northern hemisphere surface soil is reported as "most levels fall between 0.05 and 0.5 pCi/g, with 0.1 pCi/g as a general average" [ANL 2006].

The Visual Sample Plan (VSP) software was used to determine the number of FSS samples.[25] When the Sign Test is selected, the VSP software uses MARSSIM Equation 5-2 to calculate the number of measurements. Equation 5-2 is shown below:

$$N = 1.2\frac{\left(Z_{1-\alpha} + Z_{1-\beta}\right)^2}{4\left[\Phi\left(\frac{\Delta}{\sigma}\right) - 0.5\right]^2} \qquad \textbf{(Equation 2)}$$

Where:

1.2 = adjustment factor to add 20% to the calculated number of samples, per a MARSSIM requirement to provide a margin for measurement sufficiency,

N = Number of measurements or samples,

α = the type I error probability,

β = the type II error probability,

$Z_{1-\alpha}$ = proportion of standard normal distribution < 1 – α (1.6449 for σ = 0.05),

$Z_{1-\beta}$ = proportion of standard normal distribution < 1 - β (1.2816 for β = 0.1),

Φ (Δ/σ) = value of cumulative standard normal distribution over the interval -∞, Δ/σ,

Δ = the "relative shift", defined as the DCGL – the Lower Bound of the Gray Region (LBGR), and

σ = the standard deviation of residual contamination in the area to be surveyed (or a similar area).

The MARSSIM module of VSP requires user inputs for the following parameters: α, β, LBGR, the $DCGL_W$ and σ. The numbers of measurements were calculated for the soil lift survey units using the parameters established in two survey designs. Table 7 summarizes the survey design calculations and lists the values of the key VSP input parameters.

Table 7, Summary of Survey Designs for Soil Lifts

Design No. (1)	Survey Units	Class	DCGL (2) (3)	LBGR (2) (4)	Δ (2)	σ (2)	Δ/σ	N
55	Soil lifts (all except those in Design 57)	1	11.4	5.7	5.7	2.28	2.5	11
57	Co-60 Soil Lifts	1	3.5	1.75	1.75	0.7	2.5	11

Table 7 Notes:

1. The data reported in the table is from the Survey Designs listed. They are maintained in the PBRF Document Control System.

[25] The FSS Plan (Section 5.2.4) states that a qualified software product, such as Visual Sample Plan© [PNL 2010], may be used in the survey design process.

2. Units are pCi/g.
3. Surrogate DCGL for the predominant radionuclide, used to evaluate soil samples. It is adjusted (reduced) for allocation of 0.5 mrem dose contribution from insignificant radionuclides.
4. The LBGR was set at 50% of the DCGL in both designs.

Selection of design input parameters followed guidance in the FSS Plan. The Plan states that "the LBGR is initially set at 0.5 times the $DCGL_W$, but may be adjusted to obtain a value for the relative shift (Δ/σ) between 1 and 3." It is seen in Table 7 that a relative shift value of 2.5 was used in the final calculations for determining N.

The VSP software automatically performs an analysis to examine the sensitivity of the number of samples, N, to critical input parameter values. The following is obtained from the VSP report for survey unit OL-5-1 (with modifications). The sensitivity of N was explored by varying the following parameters: standard deviation, lower bound of gray region (as % of DCGL), beta, probability of mistakenly concluding that the survey unit mean concentration, μ, is greater than the DCGL and alpha, probability of mistakenly concluding that the survey unit mean concentration, μ, is less than the DCGL.

Table 8 summarizes this analysis.[26] The region of most interest in the table is for $\alpha = 0.05$ (required to be fixed), $\beta = 0.10$ (may be adjusted) and the LBGR at 50% to 60% of the DCGL. The sensitivity of N to expected measurement variability is examined first. With the LBGR set to 60%, doubling σ increases N from 12 to 23. At this LBGR value, N is sensitive to measurement variability. With the LBGR set to 50% of the DCGL, doubling σ increases N from 11 to 17. This shows that the number of measurements is moderately sensitive to measurement variability at LBGR values near 50% of the DCGL, as used in the soil lift FSS designs.

The sensitivity of N to the value of α, the probability of an incorrect conclusion that the survey unit will pass (regulator's risk) is low. With the LBGR set at 50% of the DCGL, and increasing α from 0.05 to 0.10 and 0.15 while holding β constant at 0.10, shows that the number of measurements is 11 or fewer in all cases. These results show that N = 11 represents a reasonable number of measurements for FSS of the soil lifts, in view of parameter values applied to the designs.

[26] In this case, the VSP sensitivity analysis was modified to set the LBGR range from 50% to 70% of the DCGL to evaluate the sensitivity of N to changes of key parameters in the region of Δ/σ values near 2.5. This is necessitated by the relatively large estimated value of σ used in the soil lift FSS designs [PBRF 2011]. A retrospective analysis of the soil lift FSS sample results from Survey Units OL-5-1 through OL-5-21 shows that the Cs-137 variability (σ) is only 0.26 pCi/g. From this, it is concluded that 11 samples provided high statistical power and indeed was a conservative design.

Table 8, Sensitivity Analysis for Survey Unit OL-5-1 FSS Design

Number of Samples							
DCGL= 11.4 (1)		α = 0.05 (2)		α = 0.10		α = 0.15	
		σ = 2.28 (1) (3)	σ = 4.56	σ = 2.28	σ = 4.56	σ = 2.28	σ = 4.56
LBGR=70% (1) (4)	β=0.05	18	44	14	35	12	29
	β=0.10	14	35	11	27	9	22
	β=0.15	12	29	9	22	7	18
LBGR=60%	β=0.05	15	28	12	23	10	19
	β=0.10	12	23	9	17	8	14
	β=0.15	10	19	8	14	6	12
LBGR=50%	β=0.05	14	21	11	17	9	14
	β=0.10	11	17	9	13	7	11
	β=0.15	9	14	7	11	6	9

Table 8 Notes:

1. Units of DCGL, σ and LBGR are pCi/g.
2. α = alpha, probability of mistakenly concluding that μ < DCGL.
3. σ = Standard Deviation.
4. LBGR = Lower Bound of Gray Region (as % of DCGL).
5. β = beta, probability of mistakenly concluding that μ > DCGL.

Visual Sample Plan was also used to determine the grid size, the random starting location coordinates (for Class 1 and 2 survey units) and to display the measurement locations on survey unit maps drawn to scale. Refer to Appendix B for location coordinate tables and scale VSP maps showing measurement locations for each soil lift survey unit.

The survey designs also specify scan survey coverage and action levels based on the MARSSIM classification listed in Table 5. If the scan sensitivity of the detectors used in Class 1 survey units is below the $DCGL_W$, the number of measurements (or samples) in each survey unit is determined solely by the Sign Test. If the scan sensitivity is not below the $DCGL_W$, the number of measurements is increased as determined by the Elevated Measurement Comparison (EMC). As discussed in the next section, the scan sensitivities of instruments used in the FSS of the excavated soil are below the $DCGL_W$, and no increase in the number of measurements above the value calculated using the Sign Test was required.

To meet the FSS Plan requirement that soil samples be analyzed to demonstrate that the soil is below the DCGL, samples were collected from the clean discharge conveyor. This was accomplished by collection of grab samples approximately every 20 minutes at the discharge of Conveyor No. 6. At the normal conveyor processing rate, this corresponded to 15 samples per 500 ton batch. Considering each 500 ton batch to be equivalent to a survey unit, collection of 15 samples on a systematic basis represents a conservative sampling design compared to 11 samples established in the survey design of the soil lift survey units. Altogether 3404 samples were collected in this manner and analyzed by gamma spectroscopy by the PBRF on-site counting laboratory.

4.4 Instrumentation and Measurement Sensitivity

This section discusses soil scan instrument sensitivities. In the FSS of excavated material, the scan survey is performed by two methods:

- traditional-manual walkover scan surveys using 2x2 in. NaI detectors and
- the Mactec ScanSort system where the soil passing on a conveyor is scanned by stationary NaI detectors.

Scan sensitivities for detectors used for walkover gamma scans of soil are determined using the method referenced in the PBRF FSS Plan and described in NUREG-1507 [NRC 1998]. Scan sensitivities for the Ludlum Model 44-10 NaI detectors used in FSS of soils at PBRF were developed in a technical basis document [PBRF 2009a]. The method is summarized and the key equations presented. The scan MDC is calculated using the following equations adapted from NUREG-1507 for walkover gamma scanning with NaI detectors:

$$MDCR_{surv} = \frac{d'\sqrt{bi}}{\sqrt{p}}\left(\frac{60}{i}\right) \qquad \textbf{(Equation 3)}$$

$$MDC_{scan} = \frac{MDCR_{surv}}{Conv * MS_O} \qquad \textbf{(Equation 4)}$$

where:

MDC_{surv} = the minimum detectable count rate in cpm that can be reliably detected by the "surveyor,"

d' = index of sensitivity, unitless (MARSSIM default value of 1.38 is assigned),

b_i = background counts observed in the interval i,

i = observation interval (s),

p = surveyor efficiency, unitless (MARSSIM default value of 0.5 for walkover scans is assigned),

MDC_{scan} = the scan MDC, here in units of pCi/g,

Conv = instrument response conversion factor, units of cpm per μR/h and

MS_o = instrument response in units of μR/h per pCi/g (determined empirically or with a shielding algorithm).

Site-specific parameter values for the MDC_{scan} equation are obtained from the technical basis document [PBRF 2009a]. Instrument response factors for Cs-137 and Co-60 respectively are 0.138 and 0.667 μR/h per pCi/g as calculated using the MicroShield code. The most conservative instrument response conversion factors measured for detectors in the PBRF LMI 44-10 inventory are 232.39 and 262.21 cpm per μR/h for Cs-137 and Co-60, respectively.

Using these values, detection sensitivities of the instruments used in the FSS of the lift soil survey units are provided in Table 9. Minimum detectable count rates and MDC_{scan} values for 44-10 detectors operated in Co-60 and Cs-137 windows vs. background count rates are shown in Table 9.

Table 9, Typical Detection Sensitivities of Field Instruments used for Lift Soil Scans

LMI 44-10 with Co-60 Window [1]			LMI 44-10 with Cs-137 Window [2]		
Background (cpm)	$MDCR_{surveyor}$ (ncpm)	MDC_{scan} (pCi/g)	Background (cpm)	$MDCR_{surveyor}$ (ncpm)	MDC_{scan} (pCi/g)
25	36	1.06	50	101	3.13
50	50	1.50	100	142	4.43
100	71	2.13	150	174	5.42
150	87	2.61	200	201	6.26
200	101	3.01	250	225	7.0

Table 9 Notes:

1. Ludlum Model 44-10 NaI detector with Model 2350-1 data logging scaler-rate meter setup to count in Co-60 energy window. Data from Survey Design No. 57. Scan speed = 0.25 m/s, detector to soil surface = 10 cm.
2. Ludlum Model 44-10 NaI detector with Model 2350-1 data logging scaler-rate meter setup to count in Cs-137 energy window. Data from Survey Design No. 55. Scan speed = 0.5 m/s, detector to soil surface = 10 cm.

The scan investigation level for Class 1 survey units listed in Table 5 is the $DCGL_{EMC}$ as specified in the FSS Plan, Section 8.1. However, the scan investigation level for the FSS of soil lifts is actually set at a fraction of the $DCGL_W$ established in the survey design to ensure that areas in excess of the DCGL are identified and investigated. It is also noted that the FSS Plan states that technicians are to respond to indications of increased count rates even though scan count rates may not be above the investigation level specified in survey instructions. [27] Accordingly, the scan investigation level for soil lift survey units where Co-60 predominates was set at 3 pCi/g, about 90 % of the 3.28 pCi/g DCGL for Co-60. In survey units where Cs-137 predominates, it was set at 7.7 pCi/g, or 75% of the 10.3 pCi/g DCGL for Cs-137.

For soil scanned by the Mactec ScanSort system, the scan sensitivity is fundamental to the diversion control set point (DCS). The DCS was set to meet two basic criteria:

1. Material that "passes" the conveyor system scan survey will have Cs-137 concentration less than or equal to the RAL of 5.2 pCi/g.

[27] From FSS Plan Section 7.1.1: "Technicians will respond to indications of elevated areas while surveying. Upon detecting an increase in visual or audible response, the technician will reduce the scan speed or pause and attempt to isolate the elevated area. If the elevated activity is verified to exceed the established investigation level, the area is bounded (e.g., marked and measured to obtain an estimated affected surface area). Representative static measurements are obtained as determined by the FSS/Characterization Engineer. The collected data is documented on a Radiological Survey Form."

2. Volumes of soil of 175 lb., or greater, with Cs-137 concentrations above the DCGL of 10.3 pCi/g will be diverted to the "above criteria" stockpile.

Establishing the diversion control set point at the PBRF involved a "field calibration" to determine the count rate response vs. Cs-137 concentration in soil passing beneath the detector system. The ScanSort detector scan sensitivity was determined using the same conceptual model as for manual NaI scan surveys (per equations 3 and 4 above) with modifications.[28]

The ScanSort detection sensitivity and diversion control software setup were based on an empirical calibration using specially fabricated soil sources. The sources were constructed from PBRF site soil whose Cs-137 concentration was determined by gamma spectroscopy analysis at the PBRF on-site counting laboratory.[29] The soil was well mixed and batches of calibration source (also called reference standard) material containing three levels of Cs-137 activity concentration were created:

- Low activity standard: average concentration 4.93 ± 0.35 pCi/g
- Medium activity standard: average concentration 10.54 ± 0.54 pCi/g
- High activity standard: average concentration 83.92 ± 2.52 pCi/g (all uncertainties are 2-sigma total analytical uncertainty).

The soil reference standard material was loaded into durable bags nominally 40 lbs each. Up to 10 bags of each activity level were prepared. Ten bags placed on the conveyor, simulated a 10 foot length of contaminated soil. The detector response, net counts in the Cs-137 spectrum region of interest (ROI), was accumulated for calibration runs using the low, medium and high activity reference standard material. The calibration factor, determined from a linear fit of the counting data, was 14.91 net cps per pCi/g. The ScanSort MDA for soil passing the detector at the typical belt speed of 45 cm/sec was determined to be 0.48 pCi/g at nominal background count rates. From these results, the diversion control set point was set at 77.5 net cps, corresponding to the Cs-137 RAL of 5.2 pCi/g [PBRF 2009b]. As initially set up, the ScanSort system logged a spectrum for each one-foot of belt travel and the control system logic compared the running average of 24 consecutive counts to the DCS [PBRF 2009c].

During an NRC inspection site visit in 2009, the inspectors observed the ScanSort system in operation. The concern was raised that as operated, the system could fail to divert small volumes of soil containing activity in excess of the DCGL. Upon review by NASA, it was agreed that this was a concern and Mactec was requested to evaluate and change the set point

[28] Detailed descriptions and explanations of the ScanSort soil assay and diversion control system design and operational logic are considered proprietary by Mactec Development Corp. The descriptions contained in the present report are more general in nature, but contain sufficient detail to document measurement performance. These descriptions are based on publically available reports and unrestricted PBRF Decommissioning Project documents.

[29] The PBRF FSS Plan (§ 12.6, Instrument Selection, Calibration and Operation), requires that instruments used for FSS measurements be performed with NIST traceable sources using approved procedures. To meet this requirement, NIST traceability for the conveyor system soil calibration standards was established under a special procedure (PBRF-WEP-09-013). This established a documented chain of comparisons from the NIST traceable Laboratory Gamma Spectroscopy calibration standard to the results of the soil samples analyzed by the PBRF on-site laboratory to create the conveyor system calibration soil standard material.

control algorithm as appropriate [PBRF 2009c]. This was done and the algorithm adjusted to calculate the running average every four feet of conveyor belt travel. This would control diversion of a volume of soil as small as 175 lb in excess of the DCGL. Repeated test runs were performed and it was demonstrated that small volumes of contaminated soil simulated by placement of as few as 4 bags of medium activity reference standard soil material, were consistently diverted [PBRF 2009c].

5.0 Survey Results

Results of the FSS are presented in this section. This includes scan survey frequencies (% of areas covered) for each survey unit and occurrence of events where scan investigation levels were exceeded. Investigations performed and the results are summarized. Fixed measurement results for each survey unit and the results of comparison tests of survey unit maximum and average values with the $DCGL_W$ are reported. As discussed below, no statistical tests were required. It is shown that levels of residual contamination have been reduced to levels that are ALARA. This section closes with a summary which concludes that applicable criteria for release of excavated soil for unrestricted use are satisfied and all FSS Plan requirements are met.

5.1 Scan Surveys and Investigations

Scan survey results were reviewed to confirm that the scan coverage requirement (as % of survey unit area) was satisfied for all survey units established for excavated soil. All this material was classified as Class 1, so all survey units received 100% scan coverage. This includes soil processed by the Orion ScanSort system and the FSS of soil in lifts. The results of QC replicate scan surveys were also reviewed to confirm that the minimum coverage requirement of 5% was satisfied.

In the soil processing by the ScanSort system, soil diversions initiated by recording of counts greater than the DCS are equivalent to exceedance of scan investigation-action levels during manual scan surveys. Altogether, 8016 diversion events were recorded, resulting in diversion of 1759 tons of soil. Only 9 diversion events were due to counts in excess of the DCS [PBRF 2009b]. The 9 diversion events due to activity detected above the DCS are listed in Table 10. The table shows that a total of only 1575 lb (0.8 tons) was diverted from counts in excess of the DCS (out of 97084 tons processed by the ScanSort system). Most diversion events occurred from other causes, primarily low soil density [Lopez 2011]. Most material diverted from causes other than DCS events was re-processed through the ScanSort system.

An investigation was initiated during the ScanSort processing of Batch No. 119, when a recorded net count, 79.68 cps, was above the DCS (77.48 cps), but the soil was not diverted. The auxiliary detection system recorded a maximum activity concentration of 6.18 pCi/g for the affected soil volume. The ScanSort system was tested by placing a 10 µCi Cs-137 "button" source on the conveyor in various positions in soil passing beneath the primary detectors. In all the test passes, the control system software generated a diversion signal when the observed count rate exceeded the 77.48 cps DCS. To confirm that the soil in Batch 119 was below the DCGL, results of 16 samples of soil collected for gamma spectroscopy analysis were evaluated. The maximum Cs-137 concentration was 0.30 pCi/g and the average

concentration was 0.10 pCi/g. This batch was approved for staging with "clean discharge" soil for future use as backfill. No further instances of failure to divert when the DCS was exceeded were observed during the operation of the ScanSort system [PBRF 2009b].

Table 10, ScanSort System Diversion Events Caused by DCS Exceedance

No.	Date	Survey Unit (Batch No.)	Mass of Soil Diverted (lb)	Measured Average Net Cs-137 Activity	
				(cps)	(pCi/g)
1	02/02/10	138	175	82.19	5.7
2	02/11/10	144	175	675.14	47.0
3	02/22/10	149	175	389.82	27.1
4	03/04/10	157	175	1056.75	70.92
5	04/12/10	173	175	96.27	6.46
6	07/15/10	185	175	83.77	5.62
7	07/27/10	196	175	162.84	10.93
8	07/27/10	196	175	159.67	10.72
9	08/06/10	206	175	148.12	9.94

Results of the lift scan surveys are compiled in Table 11. The table shows that scan coverage requirements were satisfied for all survey units. Scan investigation levels were exceeded in two of the lift survey units. In Survey Unit OL-5-6, the scan investigation level was exceeded in a small localized area. A soil sample collected at the location showed a Cs-137 concentration of 2.93 pCi/g. In Survey Unit OL-5-8, the scan investigation level was exceeded in several locations. The survey was terminated and the lift soil was remediated. Upon the resurvey, no scan investigation levels were exceeded. See the Table 11 Notes for additional details.

Table 11, Soil Lift Scan Survey Results

Survey Unit ID	Survey Request	Investigation Performed	QC Replicate Scan Coverage (%)
OL-5-1	283	No	6.0
OL-5-2	283	No	6.0
OL-5-3	283	No	6.0
OL-5-4	283	No	5.0
OL-5-5	283	No	6.5
OL-5-6	283	Yes [(1)]	5.0
OL-5-7	283	No	6.5
OL-5-8	283/290	No [(2)]	6.5
OL-5-9	286	No	6.5
OL-5-10	283	No	6.5
OL-5-11	286	No	6.5
OL-5-12	283/290	No	6.5
OL-5-13	283/290	No	6.5
OL-5-14	283/290	No	5.4
OL-5-15	283/290	No	6.5
OL-5-16	283/290	No	6.5
OL-5-17	283/290	No	6.5

Table 11, Soil Lift Scan Survey Results

Survey Unit ID	Survey Request	Investigation Performed	QC Replicate Scan Coverage (%)
OL-5-18	283/290	No	6.5
OL-5-19	283/290	No	5.4
OL-5-20	283/290	No	6.5
OL-5-21	283/290	No	5.4
OL-5-22	283/290	No	6.5
OL-5-23	283/290	No	6.5
OL-5-24	283/290	No	6.5
OL-5-25	283/290	No	6.5
OL-5-26	283/290	No	6.5
OL-5-27	283/290	No	6.5
OL-5-28	283/290	No	6.5
OL-5-29	286	No	6.4
OL-5-30	283/290	No	6.5
OL-5-31	283/290	No	6.4
OL-5-32	283/290	No	6.5
OL-5-33	283/290	No	6.5
OL-5-34	283/290	No	6.5
OL-5-35	283/290	No	6.5
OL-5-36	283/290	No	6.5
OL-5-37	283/290	No	6.5
OL-5-38	283/290	No	6.5
OL-5-39	283/290	No	6.5
OL-5-40	283/290	No	6.5
OL-5-41	283/290	No	11.3
OL-5-42	283/290	No	5.5
OL-5-43	283/290	No	5.3
OL-5-44	283/290	No	5.6
OL-5-45	283/290	No	5.8

Table 11 Notes:

1. Activity above the scan investigation level of 200 ncpm was detected in one location (LMI 44-10 detector operating in the Cs-137 energy window mode). The affected area was approximately 0.25 ft^2. A soil sample was collected and analyzed by gamma spectroscopy; Cs-137 was measured at 2.93 pCi/g. After the sample was collected, a static measurement was taken at the location; it showed 63 ncpm.
2. Investigations performed under the initial survey request for this survey unit identified several areas > the investigation level. The survey was failed and the lift was remediated and then resurveyed under SR-290. No investigations were performed under the resurvey.

5.2 Fixed Measurements and Tests

Results of FSS soil sample gamma spectroscopy analysis for excavated material are presented in Table 12 for soil processed by the ScanSort system. Table 13 presents results from soil surveyed in lifts.

As described in Section 3.2, one liter grab samples were collected from the ScanSort "clean discharge" conveyor as it discharged the soil into individual piles. A minimum of 15 samples was collected from the soil discharged to each "clean" pile. The piles are identified as numbered batches in the table. There were 211 batches in all. The samples were analyzed by gamma spectroscopy at the PBRF on-site counting laboratory. Table 12 identifies the Batch Number, the number of measurements (samples collected) from each batch and the maximum and average Cs-137 concentration measured in the samples from each batch. Note that the number of samples reported for each batch includes one QC sample. The average and maximum concentration from each batch is compared the Cs-137 surrogate $DCGL_W$, 10.3 pCi/g. As seen in the table, all the batch maximum and average values are below the $DCGL_W$. Unity fractions for each sample were also calculated. The highest unity fraction is 0.09.

The individual clean discharge batch sample results are reported in Appendix B. Results from 3407 samples are reported (3196 original and 211 QC samples) for Cs-137 and Co-60. All Co-60 results are < MDA and 1340 samples (39%) were below MDA for Cs-137. The average Cs-137 concentration is 0.35 pCi/g and the maximum is 1.32 pCi/g. The average and maximum MDA values for Cs-137 analysis are 0.09 and 0.33 pCi/g, respectively. The average and maximum MDA values for Co-60 analysis are 0.12 and 0.71 pCi/g, respectively.

Table 12, FSS Sample Results for ScanSort Clean Discharge

Survey Unit ID	No. of Measurements	Cs-137 Maximum (pCi/g)	Test Result: Max. < $DCGL_W$	Cs-137 Average (pCi/g)	Test Result: Avg. < $DCGL_W$	Maximum Unity Fraction
Batch 1	16	3.84E-01	Yes	2.28E-01	Yes	0.03
Batch 2	16	2.22E-01	Yes	1.94E-01	Yes	0.02
Batch 3	16	1.84E-01	Yes	1.73E-01	Yes	0.01
Batch 4	16	3.33E-01	Yes	2.93E-01	Yes	0.00
Batch 5	16	2.06E-01	Yes	1.93E-01	Yes	0.01
Batch 6	16	3.48E-01	Yes	2.11E-01	Yes	0.02
Batch 7	16	2.89E-01	Yes	2.35E-01	Yes	0.01
Batch 8	16	5.42E-01	Yes	4.11E-01	Yes	0.04
Batch 9	16	5.36E-01	Yes	3.53E-01	Yes	0.04
Batch 10	16	4.96E-01	Yes	2.99E-01	Yes	0.04
Batch 11	16	4.33E-01	Yes	3.27E-01	Yes	0.03
Batch 12	19	6.06E-01	Yes	3.15E-01	Yes	0.04
Batch 13	16	3.53E-01	Yes	2.91E-01	Yes	0.03
Batch 14	16	4.07E-01	Yes	2.87E-01	Yes	0.02
Batch 15	16	4.09E-01	Yes	3.01E-01	Yes	0.03
Batch 16	16	4.99E-01	Yes	3.33E-01	Yes	0.04
Batch 17	16	4.65E-01	Yes	3.15E-01	Yes	0.03

Table 12, FSS Sample Results for ScanSort Clean Discharge

Survey Unit ID	No. of Measurements	Cs-137 Maximum (pCi/g)	Test Result: Max. < $DCGL_W$	Cs-137 Average (pCi/g)	Test Result: Avg. < $DCGL_W$	Maximum Unity Fraction
Batch 18	17	4.35E-01	Yes	3.06E-01	Yes	0.03
Batch 19	16	3.86E-01	Yes	2.82E-01	Yes	0.03
Batch 20	17	3.15E-01	Yes	2.47E-01	Yes	0.02
Batch 21	16	3.64E-01	Yes	2.89E-01	Yes	0.03
Batch 22	16	4.11E-01	Yes	2.89E-01	Yes	0.03
Batch 23	20	4.07E-01	Yes	2.92E-01	Yes	0.03
Batch 24	16	3.94E-01	Yes	3.34E-01	Yes	0.03
Batch 25	16	7.05E-01	Yes	4.96E-01	Yes	0.05
Batch 26	16	6.78E-01	Yes	4.93E-01	Yes	0.05
Batch 27	16	5.14E-01	Yes	4.09E-01	Yes	0.04
Batch 28	16	6.61E-01	Yes	4.38E-01	Yes	0.05
Batch 29	16	7.09E-01	Yes	4.88E-01	Yes	0.05
Batch 30	16	5.06E-01	Yes	3.29E-01	Yes	0.04
Batch 31	16	6.66E-01	Yes	3.97E-01	Yes	0.05
Batch 32	16	5.18E-01	Yes	3.85E-01	Yes	0.04
Batch 33	16	5.30E-01	Yes	3.88E-01	Yes	0.04
Batch 34	16	5.83E-01	Yes	3.73E-01	Yes	0.04
Batch 35	16	5.96E-01	Yes	3.83E-01	Yes	0.04
Batch 36	16	6.46E-01	Yes	4.46E-01	Yes	0.05
Batch 37	16	5.27E-01	Yes	4.38E-01	Yes	0.04
Batch 38	16	6.44E-01	Yes	4.45E-01	Yes	0.04
Batch 39	16	6.52E-01	Yes	4.76E-01	Yes	0.05
Batch 40	16	7.47E-01	Yes	5.09E-01	Yes	0.05
Batch 41	16	5.59E-01	Yes	3.80E-01	Yes	0.04
Batch 42	16	5.59E-01	Yes	3.98E-01	Yes	0.04
Batch 43	16	5.34E-01	Yes	3.91E-01	Yes	0.04
Batch 44	16	5.61E-01	Yes	3.65E-01	Yes	0.04
Batch 45	16	5.60E-01	Yes	3.70E-01	Yes	0.04
Batch 46	16	5.15E-01	Yes	4.04E-01	Yes	0.04
Batch 47	16	6.61E-01	Yes	4.21E-01	Yes	0.05
Batch 48	16	6.74E-01	Yes	4.38E-01	Yes	0.05
Batch 49	16	5.64E-01	Yes	3.82E-01	Yes	0.04
Batch 50	16	5.13E-01	Yes	3.87E-01	Yes	0.04
Batch 51	16	4.98E-01	Yes	3.77E-01	Yes	0.04
Batch 52	16	4.61E-01	Yes	3.82E-01	Yes	0.03
Batch 53	16	4.72E-01	Yes	3.64E-01	Yes	0.03
Batch 54	16	4.92E-01	Yes	3.64E-01	Yes	0.04
Batch 55	16	4.94E-01	Yes	3.65E-01	Yes	0.04
Batch 56	16	6.89E-01	Yes	4.70E-01	Yes	0.05
Batch 57	16	9.11E-01	Yes	5.02E-01	Yes	0.06
Batch 58	16	6.14E-01	Yes	4.56E-01	Yes	0.05
Batch 59	16	6.41E-01	Yes	4.83E-01	Yes	0.05
Batch 60	16	7.23E-01	Yes	5.30E-01	Yes	0.05

Table 12, FSS Sample Results for ScanSort Clean Discharge

Survey Unit ID	No. of Measurements	Cs-137 Maximum (pCi/g)	Test Result: Max. < $DCGL_W$	Cs-137 Average (pCi/g)	Test Result: Avg. < $DCGL_W$	Maximum Unity Fraction
Batch 61	16	7.23E-01	Yes	5.09E-01	Yes	0.05
Batch 62	16	7.51E-01	Yes	5.38E-01	Yes	0.05
Batch 63	16	7.59E-01	Yes	5.79E-01	Yes	0.05
Batch 64	16	6.34E-01	Yes	5.13E-01	Yes	0.05
Batch 65	16	1.32E+00	Yes	6.54E-01	Yes	0.09
Batch 66	16	7.59E-01	Yes	5.91E-01	Yes	0.05
Batch 67	16	8.18E-01	Yes	5.72E-01	Yes	0.06
Batch 68	16	1.07E+00	Yes	5.43E-01	Yes	0.08
Batch 69	16	5.44E-01	Yes	3.50E-01	Yes	0.04
Batch 70	16	5.77E-01	Yes	3.43E-01	Yes	0.04
Batch 71	16	4.36E-01	Yes	3.39E-01	Yes	0.03
Batch 72	16	5.99E-01	Yes	4.13E-01	Yes	0.04
Batch 73	16	6.17E-01	Yes	3.87E-01	Yes	0.04
Batch 74	16	2.07E-01	Yes	1.87E-01	Yes	0.01
Batch 75	16	1.81E-01	Yes	1.72E-01	Yes	0.01
Batch 76	16	1.84E-01	Yes	1.64E-01	Yes	0.01
Batch 77	18	2.20E-01	Yes	1.78E-01	Yes	0.02
Batch 78	16	1.85E-01	Yes	1.85E-01	Yes	0.01
Batch 79	16	5.08E-01	Yes	3.26E-01	Yes	0.04
Batch 80	16	2.93E-01	Yes	2.93E-01	Yes	0.02
Batch 81	17	1.24E-01	Yes	1.24E-01	Yes	0.01
Batch 82	16	< MDA	Yes	< MDA	Yes	NA
Batch 83	16	1.88E-01	Yes	1.88E-01	Yes	0.01
Batch 84	16	< MDA	Yes	< MDA	Yes	NA
Batch 85	16	< MDA	Yes	< MDA	Yes	NA
Batch 86	16	< MDA	Yes	< MDA	Yes	NA
Batch 87	16	< MDA	Yes	< MDA	Yes	NA
Batch 88	16	< MDA	Yes	< MDA	Yes	NA
Batch 89	16	< MDA	Yes	< MDA	Yes	NA
Batch 90	16	< MDA	Yes	< MDA	Yes	NA
Batch 91	16	< MDA	Yes	< MDA	Yes	NA
Batch 92	16	< MDA	Yes	< MDA	Yes	NA
Batch 93	16	< MDA	Yes	< MDA	Yes	NA
Batch 94	16	< MDA	Yes	< MDA	Yes	NA
Batch 95	16	< MDA	Yes	< MDA	Yes	NA
Batch 96	16	< MDA	Yes	< MDA	Yes	NA
Batch 97	16	< MDA	Yes	< MDA	Yes	NA
Batch 98	16	< MDA	Yes	< MDA	Yes	NA
Batch 99	16	2.04E-01	Yes	2.04E-01	Yes	NA
Batch 100	16	3.60E-01	Yes	2.52E-01	Yes	0.03
Batch 101	16	< MDA	Yes	< MDA	Yes	NA
Batch 102	16	2.15E-01	Yes	2.15E-01	Yes	0.02
Batch 103	16	2.78E-01	Yes	2.44E-01	Yes	0.02

Table 12, FSS Sample Results for ScanSort Clean Discharge

Survey Unit ID	No. of Measurements	Cs-137 Maximum (pCi/g)	Test Result: Max. < $DCGL_W$	Cs-137 Average (pCi/g)	Test Result: Avg. < $DCGL_W$	Maximum Unity Fraction
Batch 104	16	3.41E-01	Yes	2.42E-01	Yes	0.02
Batch 105	16	3.41E-01	Yes	2.35E-01	Yes	0.02
Batch 106	16	3.82E-01	Yes	2.91E-01	Yes	0.03
Batch 107	16	4.26E-01	Yes	3.12E-01	Yes	0.03
Batch 108	16	3.57E-01	Yes	2.58E-01	Yes	0.03
Batch 109	16	3.59E-01	Yes	2.38E-01	Yes	0.03
Batch 110	16	4.22E-01	Yes	2.60E-01	Yes	0.03
Batch 111	16	4.07E-01	Yes	2.96E-01	Yes	0.03
Batch 112	16	4.03E-01	Yes	2.76E-01	Yes	0.03
Batch 113	16	3.03E-01	Yes	2.47E-01	Yes	0.03
Batch 114	16	2.09E-01	Yes	2.09E-01	Yes	0.01
Batch 115	16	2.04E-01	Yes	1.90E-01	Yes	0.01
Batch 116	17	2.63E-01	Yes	2.35E-01	Yes	0.02
Batch 117	16	5.87E-01	Yes	3.25E-01	Yes	0.04
Batch 118	16	2.12E-01	Yes	1.93E-01	Yes	0.02
Batch 119	16	2.99E-01	Yes	2.36E-01	Yes	0.02
Batch 120	16	2.46E-01	Yes	2.15E-01	Yes	0.02
Batch 121	16	4.01E-01	Yes	2.60E-01	Yes	0.03
Batch 122	16	3.41E-01	Yes	2.38E-01	Yes	0.02
Batch 123	16	2.58E-01	Yes	1.88E-01	Yes	0.02
Batch 124	16	2.41E-01	Yes	2.15E-01	Yes	0.02
Batch 125	16	2.88E-01	Yes	2.45E-01	Yes	0.02
Batch 126	16	2.72E-01	Yes	2.16E-01	Yes	0.02
Batch 127	17	2.03E-01	Yes	2.03E-01	Yes	0.01
Batch 128	17	3.41E-01	Yes	2.05E-01	Yes	0.02
Batch 129	17	2.47E-01	Yes	2.09E-01	Yes	0.02
Batch 130	16	2.48E-01	Yes	1.92E-01	Yes	0.02
Batch 131	17	3.64E-01	Yes	2.44E-01	Yes	0.03
Batch 132	16	2.90E-01	Yes	2.05E-01	Yes	0.02
Batch 133	16	2.56E-01	Yes	2.16E-01	Yes	0.02
Batch 134	16	2.40E-01	Yes	1.87E-01	Yes	0.02
Batch 135	16	2.50E-01	Yes	2.08E-01	Yes	0.02
Batch 136	17	2.30E-01	Yes	1.91E-01	Yes	0.02
Batch 137	16	2.57E-01	Yes	2.25E-01	Yes	0.02
Batch 138	16	2.71E-01	Yes	1.67E-01	Yes	0.02
Batch 139	16	3.60E-01	Yes	2.24E-01	Yes	0.03
Batch 140	16	5.26E-01	Yes	2.79E-01	Yes	0.04
Batch 141	16	4.53E-01	Yes	2.88E-01	Yes	0.03
Batch 142	16	7.51E-01	Yes	3.54E-01	Yes	0.05
Batch 143	16	3.93E-01	Yes	2.70E-01	Yes	0.03
Batch 144	16	4.67E-01	Yes	3.25E-01	Yes	0.03
Batch 145	16	4.70E-01	Yes	3.24E-01	Yes	0.03
Batch 146	16	4.89E-01	Yes	3.23E-01	Yes	0.03

Table 12, FSS Sample Results for ScanSort Clean Discharge

Survey Unit ID	No. of Measurements	Cs-137 Maximum (pCi/g)	Test Result: Max. < $DCGL_W$	Cs-137 Average (pCi/g)	Test Result: Avg. < $DCGL_W$	Maximum Unity Fraction
Batch 147	16	5.82E-01	Yes	3.53E-01	Yes	0.04
Batch 148	16	4.48E-01	Yes	3.23E-01	Yes	0.03
Batch 149	16	5.53E-01	Yes	3.27E-01	Yes	0.04
Batch 150	16	4.08E-01	Yes	3.05E-01	Yes	0.03
Batch 151	16	8.43E-01	Yes	3.76E-01	Yes	0.06
Batch 152	16	3.25E-01	Yes	2.69E-01	Yes	0.02
Batch 153	16	3.10E-01	Yes	2.57E-01	Yes	0.02
Batch 154	16	3.08E-01	Yes	2.45E-01	Yes	0.02
Batch 155	16	2.82E-01	Yes	2.19E-01	Yes	0.02
Batch 156	17	3.36E-01	Yes	1.97E-01	Yes	0.02
Batch 157	16	2.56E-01	Yes	2.07E-01	Yes	0.02
Batch 158	18	3.29E-01	Yes	2.24E-01	Yes	0.02
Batch 159	16	2.23E-01	Yes	1.82E-01	Yes	0.02
Batch 160	16	3.06E-01	Yes	2.10E-01	Yes	0.02
Batch 161	16	2.98E-01	Yes	2.01E-01	Yes	0.02
Batch 162	16	2.45E-01	Yes	1.84E-01	Yes	0.02
Batch 163	16	2.09E-01	Yes	1.73E-01	Yes	0.01
Batch 164	16	2.34E-01	Yes	1.96E-01	Yes	0.02
Batch 165	17	2.49E-01	Yes	1.90E-01	Yes	0.02
Batch 166	17	2.81E-01	Yes	2.10E-01	Yes	0.02
Batch 167	16	1.99E-01	Yes	1.74E-01	Yes	0.01
Batch 168	17	2.62E-01	Yes	1.84E-01	Yes	0.02
Batch 169	16	1.99E-01	Yes	1.84E-01	Yes	0.01
Batch 170	16	2.27E-01	Yes	1.74E-01	Yes	0.02
Batch 171	17	2.48E-01	Yes	1.89E-01	Yes	0.02
Batch 172	16	2.33E-01	Yes	1.80E-01	Yes	0.02
Batch 173	16	2.12E-01	Yes	1.52E-01	Yes	0.02
Batch 174	16	2.78E-01	Yes	2.50E-01	Yes	0.02
Batch 175	17	8.01E-01	Yes	2.80E-01	Yes	0.06
Batch 176	16	2.34E-01	Yes	2.02E-01	Yes	0.02
Batch 177	16	2.59E-01	Yes	2.09E-01	Yes	0.02
Batch 178	16	2.11E-01	Yes	1.77E-01	Yes	0.02
Batch 179	16	3.28E-01	Yes	2.25E-01	Yes	0.02
Batch 180	16	4.00E-01	Yes	3.20E-01	Yes	0.03
Batch 181	16	3.73E-01	Yes	3.17E-01	Yes	0.03
Batch 182	16	3.24E-01	Yes	2.83E-01	Yes	0.02
Batch 183	16	4.27E-01	Yes	2.92E-01	Yes	0.03
Batch 184	16	3.02E-01	Yes	2.28E-01	Yes	0.02
Batch 185	16	4.33E-01	Yes	3.18E-01	Yes	0.03
Batch 186	18	4.10E-01	Yes	3.14E-01	Yes	0.03
Batch 187	16	4.15E-01	Yes	3.42E-01	Yes	0.03
Batch 188	16	4.14E-01	Yes	2.93E-01	Yes	0.03
Batch 189	16	4.70E-01	Yes	3.27E-01	Yes	0.03

Table 12, FSS Sample Results for ScanSort Clean Discharge

Survey Unit ID	No. of Measurements	Cs-137 Maximum (pCi/g)	Test Result: Max. < $DCGL_W$	Cs-137 Average (pCi/g)	Test Result: Avg. < $DCGL_W$	Maximum Unity Fraction
Batch 190	16	5.36E-01	Yes	3.54E-01	Yes	0.04
Batch 191	16	4.32E-01	Yes	3.26E-01	Yes	0.03
Batch 192	16	5.11E-01	Yes	3.50E-01	Yes	0.04
Batch 193	16	5.98E-01	Yes	3.71E-01	Yes	0.04
Batch 194	16	8.64E-01	Yes	5.10E-01	Yes	0.06
Batch 195	16	6.26E-01	Yes	4.65E-01	Yes	0.04
Batch 196	16	1.08E+00	Yes	6.96E-01	Yes	0.08
Batch 197	16	6.70E-01	Yes	5.31E-01	Yes	0.05
Batch 198	16	8.51E-01	Yes	5.77E-01	Yes	0.06
Batch 199	16	5.78E-01	Yes	3.81E-01	Yes	0.04
Batch 200	16	5.14E-01	Yes	3.49E-01	Yes	0.04
Batch 201	16	4.19E-01	Yes	2.86E-01	Yes	0.03
Batch 202	16	4.25E-01	Yes	2.96E-01	Yes	0.03
Batch 203	16	4.18E-01	Yes	3.02E-01	Yes	0.03
Batch 204	16	4.62E-01	Yes	3.42E-01	Yes	0.03
Batch 205	16	5.71E-01	Yes	4.52E-01	Yes	0.04
Batch 206	16	7.42E-01	Yes	4.85E-01	Yes	0.05
Batch 207	16	4.89E-01	Yes	2.89E-01	Yes	0.03
Batch 208	16	3.24E-01	Yes	2.56E-01	Yes	0.02
Batch 209	16	4.14E-01	Yes	3.15E-01	Yes	0.03
Batch 210	16	4.52E-01	Yes	3.06E-01	Yes	0.03
Batch 211	16	4.62E-01	Yes	3.41E-01	Yes	0.03

Sample results are presented in Table 13 for 45 surface soil survey units established for FSS using standard walkover gamma scans followed by soil sample collection. As discussed in Section 4.2, 41 soil lift survey units were established for FSS of stockpiled soil that remained or was excavated after the ScanSort system was demobilized in 2010.[30] Four survey units were established on the land area where soil was stockpiled for the soil lift surveys. The surveys were performed under Survey Requests SR-283, 286 and 290. The survey unit VSP design maps with soil sample location coordinates are provided in Appendix C and the individual sample analysis results in Appendix D.

Table 13 is constructed identically to Table 12. It shows the results of Cs-137 concentrations measured by the PBRF on-site counting laboratory (all Co-60 results were below MDA). The maximum and average Cs-137 concentrations for each survey unit are compared to the $DCGL_W$ established in Design 55, the Cs-137 surrogate DCGL of 11.4 pCi/g. All survey unit sample results are well below this DCGL, with the maximum unity fraction equal to 0.07. From the Appendix D data, the maximum individual sample concentration is 0.77 and the

[30] Included in the material staged for and surveyed in lifts was the material removed from spill areas 1, 2 and 3, designated as "Co-60 areas" (See Table 1). This material, which was surveyed in lifts OL-5-9, OL-5-11 and OL-5-29, was segregated from the soil staged for survey by the ScanSort system, as the system was not calibrated to identify and divert soil with a principal contaminant of Co-60.

average is 0.36 pCi/g. Of the 536 samples analyzed, 331 results were less than the Cs-137 MDA. The average and maximum MDA values for Cs-137 analysis are 0.10 and 0.16 pCi/g, respectively. The average and maximum MDA values for Co-60 analysis are 0.12 and 0.16 pCi/g, respectively.

Table 13, FSS Sample Results for Soil Lifts

Survey Unit ID	No. of Measurements	Maximum (pCi/g)	Test Result: Max. < $DCGL_W$	Average (pCi/g)	Test Result: Avg. < $DCGL_W$	Maximum Unity Fraction
OL-5-1	12	1.67E-01	Yes	1.67E-01	Yes	0.015
OL-5-2	12	4.08E-01	Yes	3.05E-01	Yes	0.036
OL-5-3	12	3.44E-01	Yes	2.66E-01	Yes	0.030
OL-5-4	12	4.35E-01	Yes	3.55E-01	Yes	0.038
OL-5-5	12	5.45E-01	Yes	3.83E-01	Yes	0.048
OL-5-6	12	5.92E-01	Yes	4.31E-01	Yes	0.052
OL-5-7	12	4.89E-01	Yes	3.80E-01	Yes	0.043
OL-5-8	12	5.56E-01	Yes	3.89E-01	Yes	0.049
OL-5-9	12	2.43E-01	Yes	2.43E-01	Yes	0.017
OL-5-10	12	2.14E-01	Yes	2.12E-01	Yes	0.019
OL-5-11	11	6.42E-01	Yes	4.01E-01	Yes	0.045
OL-5-12	12	3.22E-01	Yes	2.62E-01	Yes	0.028
OL-5-13	12	N/A	Yes	N/A	N/A	0.000
OL-5-14	12	3.22E-01	Yes	2.83E-01	Yes	0.028
OL-5-15	12	2.80E-01	Yes	2.56E-01	Yes	0.025
OL-5-16	12	0.00E+00	Yes	N/A	N/A	0.000
OL-5-17	12	1.89E-01	Yes	1.89E-01	Yes	0.017
OL-5-18	12	7.56E-01	Yes	4.93E-01	Yes	0.066
OL-5-19	12	N/A	Yes	N/A	N/A	0.000
OL-5-20	12	7.68E-01	Yes	5.64E-01	Yes	0.067
OL-5-21	12	6.22E-01	Yes	4.01E-01	Yes	0.055
OL-5-22	12	1.62E-01	Yes	1.62E-01	Yes	0.014
OL-5-23	12	2.89E-01	Yes	2.13E-01	Yes	0.025
OL-5-24	12	1.99E-01	Yes	1.65E-01	Yes	0.017
OL-5-25	12	1.62E-01	Yes	1.62E-01	Yes	0.014
OL-5-26	12	N/A	Yes	N/A	N/A	0.000
OL-5-27	12	2.53E-01	Yes	2.15E-01	Yes	0.022
OL-5-28	12	1.82E-01	Yes	1.82E-01	Yes	0.016
OL-5-29	12	2.31E-01	Yes	1.81E-01	Yes	0.016
OL-5-30	12	6.65E-01	Yes	4.40E-01	Yes	0.058
OL-5-31	12	1.64E-01	Yes	1.64E-01	Yes	0.014
OL-5-32	12	5.67E-01	Yes	4.55E-01	Yes	0.050
OL-5-33	12	2.29E-01	Yes	2.03E-01	Yes	0.020

Table 13, FSS Sample Results for Soil Lifts

Survey Unit ID	No. of Measurements	Maximum (pCi/g)	Test Result: Max. < $DCGL_W$	Average (pCi/g)	Test Result: Avg. < $DCGL_W$	Maximum Unity Fraction
OL-5-34	12	2.72E-01	Yes	2.17E-01	Yes	0.024
OL-5-35	12	2.13E-01	Yes	1.96E-01	Yes	0.019
OL-5-36	12	6.22E-01	Yes	4.27E-01	Yes	0.055
OL-5-37	12	4.54E-01	Yes	3.42E-01	Yes	0.040
OL-5-38	12	2.64E-01	Yes	2.49E-01	Yes	0.023
OL-5-39	12	N/A	Yes	N/A	N/A	0.000
OL-5-40	12	2.09E-01	Yes	1.96E-01	Yes	0.018
OL-5-41	12	N/A	Yes	N/A	N/A	0.000
OL-5-42	11	3.90E-01	Yes	3.40E-01	Yes	0.034
OL-5-43	11	2.44E-01	Yes	2.44E-01	Yes	0.021
OL-5-44	12	4.86E-01	Yes	3.32E-01	Yes	0.043
OL-5-45	11	4.64E-01	Yes	3.60E-01	Yes	0.041

Table 13 Notes:

1. Unity fractions are calculated using $DCGL_W$ values from Designs 55 and 57: 11.4 pCi/g for Cs-137 (as surrogate) and 3.7 pCi/g for Co-60.
2. The acronym N/A is used to denote cases where the value or test could not be calculated, for example all measurements are below MDA.

5.3 Verification and QC Samples

In addition to the samples collected from the ScanSort system clean discharge conveyor, verification samples were collected from selected clean discharge piles. These samples were also analyzed by gamma spectroscopy at the PBRF on-site counting laboratory. Results of the analysis of individual verification samples are provided in Appendix E, Table 1. A summary of the verification sample results is provided in Appendix E, Table 2. These results are quite similar to results from the ScanSort clean discharge samples reported in Table 12. As in the Table 12 results, all the verification sample Co-60 concentrations were < MDA; the average Cs-137 concentration measured in the verification samples was 0.30 pCi/g and the maximum was 0.54 pCi/g.

Replicate QC soil samples were collected along with the FSS samples collected from excavated and backfill material. These included:

- 211 samples from the ScanSort clean discharge (6.6% of the 3196 original samples)
- 46 samples from the lift survey units (8.6% of the 536 original samples)
- 4 samples from the SR-171 verification survey of clean discharge piles (6.5% of the 62 original samples).

The QC and original sample results were compared in accordance with the method in the FSS Plan, Section 12.7.2 [NASA 2007]. In this method, the sample resolution is calculated as the quotient of the original sample result and the original sample one-sigma uncertainty. Then the ratios of QC to original sample results are compared to acceptance values specified for each range of resolution given in FSS Plan Table 12-2.

Results of the 211 original and replicate QC sample comparisons are provided in an appendix to the vendor report for the ScanSort system soil sample results.[31] In this report, all QC and original sample pairs except one satisfied the FSS Plan Table 12 criteria.[32]

Soil lift and verification sample and the associated QC sample results are shown in Table 3 of Appendix E. The table shows that all but 8 of the 50 sample pairs meet the FSS Plan Table 12 criteria. See the Appendix E, Table 3 Notes and the following table for details of the QC sample comparison.

5.4 ALARA Evaluation

It is shown that residual contamination in excavated soil has been reduced to levels that are ALARA, using a method acceptable to the NRC. The NRC guidance on determining that residual contamination levels are ALARA includes the following:

> "In light of the conservatism in the building surface and surface soil generic screening levels developed by the NRC, NRC staff presumes, absent information to the contrary, that licensees who remediate building surfaces or soil to the generic screening levels do not need to provide analyses to demonstrate that these screening levels are ALARA. In addition, if residual radioactivity cannot be detected, it may be presumed that it had been reduced to levels that are ALARA. Therefore the licensee may not need to conduct an explicit analysis to meet the ALARA requirement."[33]

Soil activity concentrations measured in the FSS of excavated soil are compared to NRC surface soil screening level values in Table 14. As shown in the table, all soil activity concentrations are well below their respective screening level values. From these comparisons, it is concluded that the ALARA criterion is satisfied.

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[31] Table 9, SR-152 *Survey Request Closeout Summary*, November 1, 2010 (available as an Adobe Acrobat file in the PBRF Document Control system).

[32] When the acceptance criterion is not met, an investigation is performed to determine the cause and corrective actions. The investigation may include repetition of the replicate QC measurement or other actions determined by the FSS/Characterization Supervisor. If upon repetition, the acceptance criterion is still not satisfied, the result may be accepted if the original and QC replicate measurement are both are below the $DCGL_W$ for the survey unit, the FSS/Characterization Supervisor reviews the investigation and concurs that the measurements are acceptable and the results of the investigation are documented in the Survey Request Summary and Close-out (Procedure CS-01, *Survey Methodology to Support PBRF License Termination*).

[33] This guidance was initially published in Draft Regulatory Guide DG-4006, but has been reissued in NUREG-1757 Volume 2, Appendix N.

Table 14, NRC Soil Screening Level Values and ALARA Comparison

Radionuclide	NRC Screening Level (pCi/g) (1)	Maximum Measured Concentration (pCi/g)
Co-60	3.8	< MDA (2)
Cs-137	11	1.32 (3)
Sr-90	1.7	0.12 (4)

Table 14 Notes:

1. NRC Screening Level values from NUREG-1757 Vol. 2 Table H.2 [USNRC 2006].
2. Average Co-60 MDA from 3407 samples analyzed under SR-152 is 0.12 ± 0.03 pCi/g. The maximum MDA is 0.71 pCi/g.
3. The maximum Cs-137 concentration from 3407 samples analyzed under SR-152.
4. The maximum Sr-90 concentration inferred from the maximum measured Cs-137 concentrations and Sr-90: Cs-137 activity ratio of 0.09 (obtained from Table 4).

5.5 Comparison with EPA Trigger Levels

In accordance with the October 2002 Memorandum of Understanding (MOU) between the US NRC and the US Environmental Protection Agency (EPA), The PBRF license termination process includes a review of residual contamination levels in groundwater and soil, as applicable [USEPA 2002]. Concentrations of individual radionuclides, identified as "trigger levels" for further review and consultation between the agencies, are published in the MOU. Maximum activity concentrations of radionuclides of concern measured in the FSS of excavated soil are compared to EPA trigger levels. This comparison is shown in Table 15. The table shows that the measured activity concentrations in excavated soil are well below EPA trigger levels. It is noted that groundwater is not within the scope of the FSS of excavated and backfill materials.

Table 15, Comparison of Soil Sample Results with EPA Trigger Levels

Radionuclide	EPA Trigger Level (pCi/g) (1)	Maximum Measured Concentration (pCi/g)
Co-60	4	< MDA (2)
Cs-137 (3)	6	1.32 (4)
Sr-90 (3)	23	0.12 (5)

Table 15 Notes:

1. EPA Trigger Level concentrations for radionuclides in soil are from the EPA-NRC MOU [USEPA 2002].
2. See Table 14, Note 2.
3. Specified in the MOU as including daughter activity [USEPA 2002].
4. See Table 14, Note 3.
5. See Table 14, Note 4.

5.6 Conclusions

The results presented above demonstrate that excavated and backfill material satisfies all FSS Plan commitments and meets the release criteria in 10CFR20 Subpart E. The principal conclusions are:

- The FSS of excavated soil was accomplished by two methods: 1) scanning by an automated soil conveyor survey-sorting system followed by systematic sampling of soil passed by the system and 2) traditional FSS by walkover scans followed by systematic sampling of soil placed in lifts.
- Measured activity concentrations in all the soil passed by the conveyor system and all the soil subjected to FSS by placement in lifts are found to be below applicable DCGLs.
- Measured activity concentrations in all the soil passed by the conveyor system and all the soil subjected to traditional FSS are demonstrated to satisfy the ALARA criterion published by the NRC.
- Measured activity concentrations in all the soil passed by the conveyor system and all the soil subjected to FSS by placement in lifts are demonstrated to be less than EPA trigger levels published in the 2002 EPA-NRC Memorandum of Understanding.
- The excavated soil was obtained from areas initially classified as Class 1, 2 and 3 in the FSS Plan. All the excavated soil was conservatively classified as Class 1 for the FSS - there were no downward changes in classification.
- One other change occurred from FSS Plan assumptions applicable to the FSS of excavated soil – the use of a soil scanning-sorting system was not specifically addressed. However, procedures were developed and followed to ensure that all applicable FSS Plan Requirements for FSS of soil were satisfied. These included procedures for calibration and operation of the Orion ScanSort system and collection and analysis of systematic samples from the ScanSort clean discharge.
- It is concluded that all FSS Plan requirements have been satisfied and soil passed by the ScanSort system and FSS in lifts meets the NRC criteria for release for unrestricted use. Thus, the soil is acceptable for use as backfill at the PBRF site.

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7.0 Appendices

Appendix A – Exhibits

Appendix B – ScanSort Clean Discharge Soil Sample Results

Appendix C – Soil Lift Survey Unit Maps and Tables Showing Measurement Locations

Appendix D - Soil Lift Survey Sample Results

Appendix E – Verification and QC Sample Results

Final Status Survey Report

Attachment 18

Excavated and Backfill Material

Revision 0

Appendix A

Exhibits

List of Exhibits

Exhibit 1, Aerial View of Future PBRF Site showing Plum Brook Ordinance Works

(Pentolite Production Lines Looking North – Line 2 Road in the Center, Photo circa 1955-56)

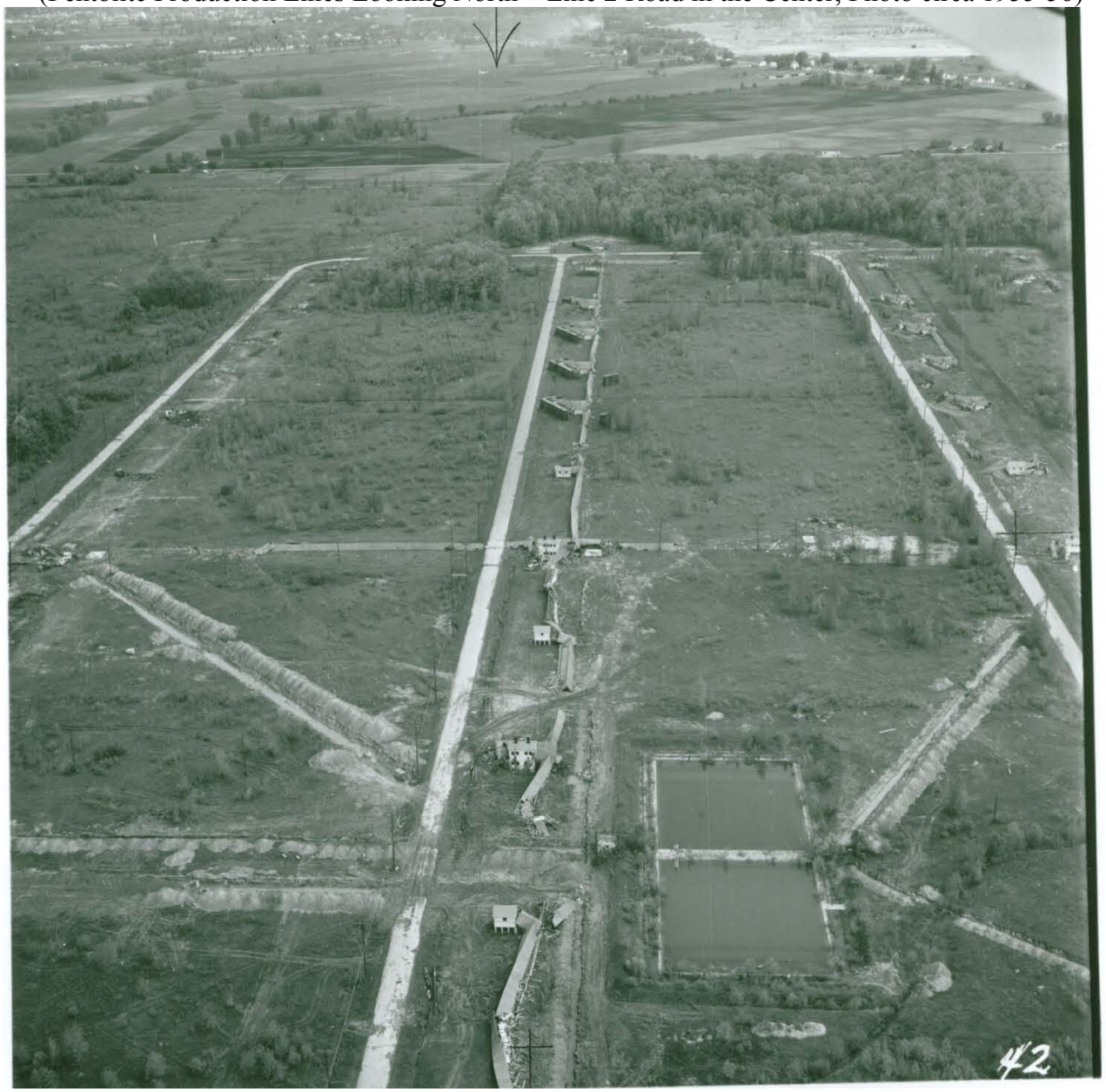


Exhibit 2, Construction Photo Showing Excavation for Reactor Vessel Foundation
(Vessel foundation bottom liner is 59 feet below grade level, Photo circa 1955-56)

Exhibit 3, PBRF Construction Photo showing CRB Excavation in foreground
(Aerial view from NE – Line 3 Road is in the center, Photo circa 1957)

Exhibit 4, Ordinance Works showing Surface Stream Draining to the Northeast
(Aerial view looking west – Line 3 road in the foreground, Photo circa 1955-56)

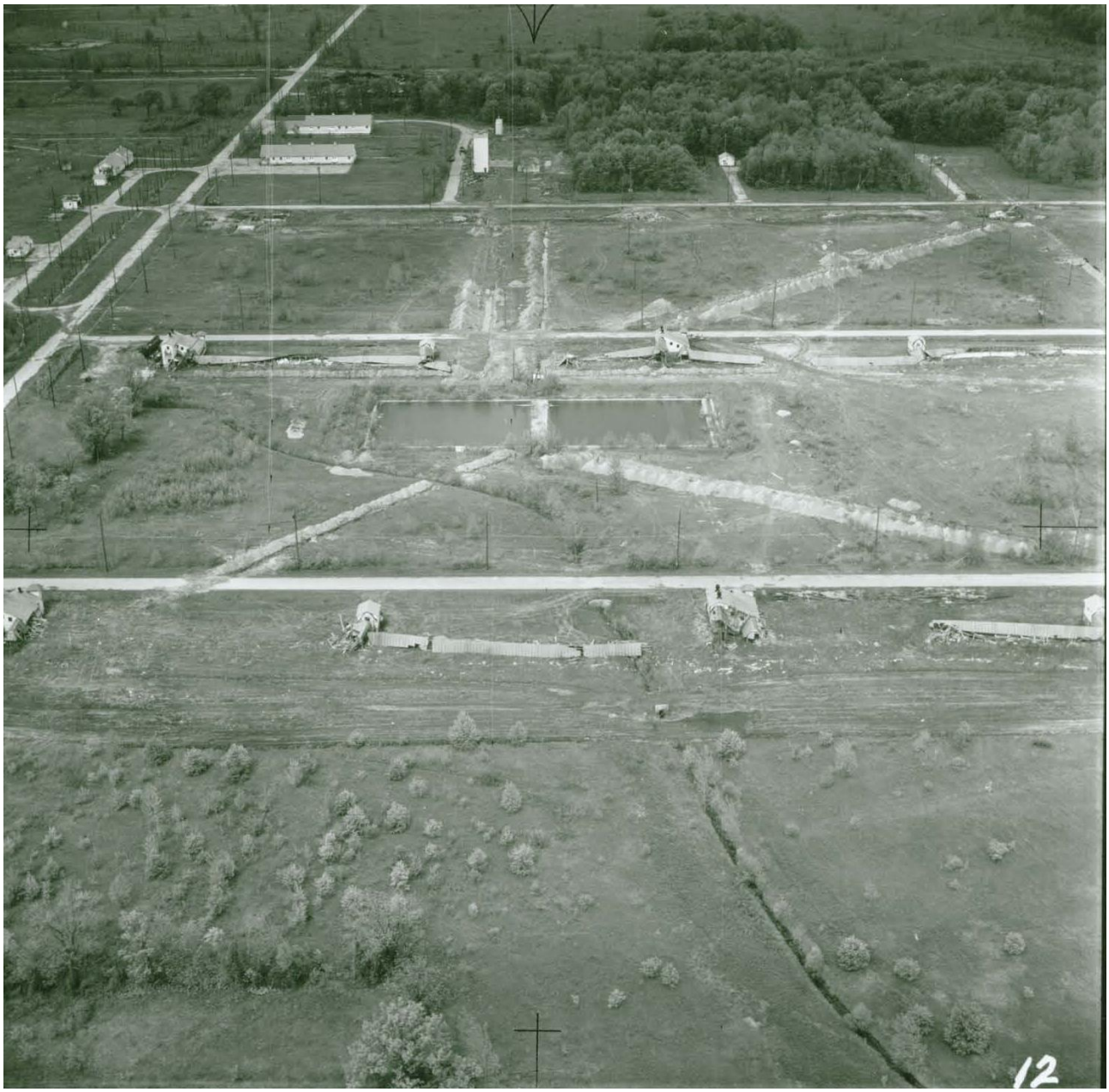


Exhibit 5, Map Showing Excavated Areas at Pentolite Ditch and Adjacent Spoil Areas

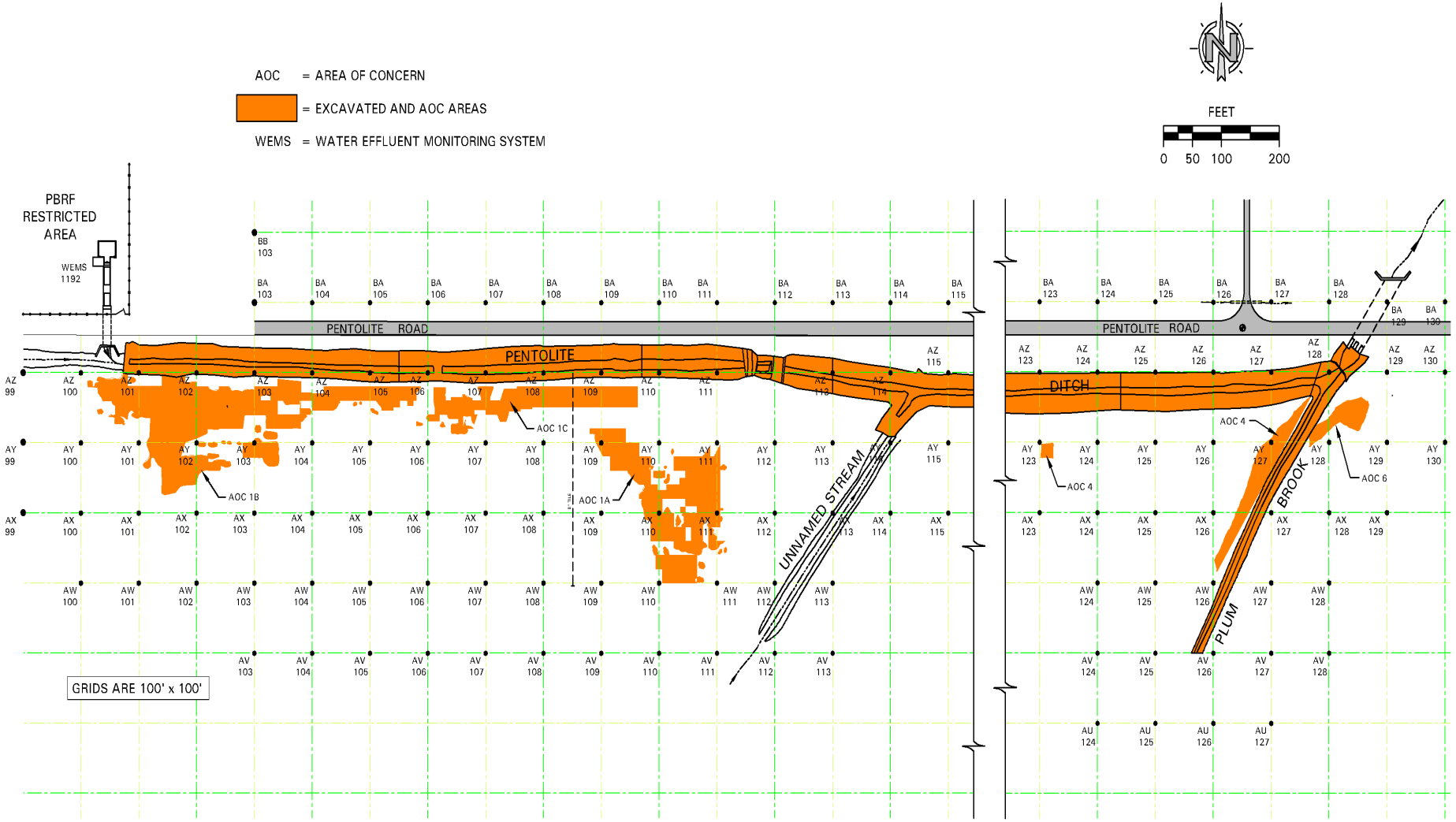


Exhibit 6, Pentolite Ditch Excavation (July 2009)

Exhibit 7, CRB Excavation (July 2009)

Exhibit 8, Excavation of WHB Evaporator Pit (August 2010)

Exhibit 9, HRA After Overburden Removed Prior to Excavation (February 2010)

Exhibit 10 Soil Staging Area for ScanSort Survey System (July 2009)
(View from Radar Tower looking south - Line 3 Road on the left and Pentolite Road in the rear)

Exhibit 11, View from Radar Tower Showing ScanSort System in Operation (August 2009)

Exhibit 12, ScanSort Reversing Conveyor (July 2009)

Exhibit 13, ScanSort System Clean Discharge (August 2009)
(View from Radar Tower - Line 2 Road on the left and Pentolite Road at the rear)

Exhibit 14, Placing Soil on Lift for FSS (November 2010)

Exhibit 15, Scan Survey of Soil on Lift (November 2010)

Exhibit 16, Backfilling Excavated Storm Drain (July 2009)

Exhibit 17, View from Radar Tower Showing Backfilled Former ROLB Site (January 2011)

Plum Brook Reactor Facility

Final Status Survey Report

Attachment 18

Excavated and Backfill Materials

Revision 0

Appendix B

ScanSort Clean Discharge Sample Results

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1	Batch 1 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2	Batch 1 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-3	Batch 1 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-4	Batch 1 Clean Stockpile	4	1.86E-01	8.80E-02	<MDA	<MDA
SR-152-5	Batch 1 Clean Stockpile	5	2.07E-01	9.52E-02	<MDA	<MDA
SR-152-6	Batch 1 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-7	Batch 1 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-8	Batch 1 Clean Stockpile	8	3.84E-01	1.34E-01	<MDA	<MDA
SR-152-9	Batch 1 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-10	Batch 1 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-11	Batch 1 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-12	Batch 1 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-13	Batch 1 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-14	Batch 1 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-15	Batch 1 Clean Stockpile	15	1.71E-01	8.29E-02	<MDA	<MDA
SR-152-16	Batch 1 Clean Stockpile	16	1.93E-01	7.80E-02	<MDA	<MDA
SR-152-17	Batch 2 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-18	Batch 2 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-19	Batch 2 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-20	Batch 2 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-21	Batch 2 Clean Stockpile	5	1.88E-01	8.43E-02	<MDA	<MDA
SR-152-22	Batch 2 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-23	Batch 2 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-24	Batch 2 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-25	Batch 2 Clean Stockpile	9	1.91E-01	6.30E-02	<MDA	<MDA
SR-152-26	Batch 2 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-27	Batch 2 Clean Stockpile	11	1.75E-01	8.75E-02	<MDA	<MDA
SR-152-28	Batch 2 Clean Stockpile	12	2.22E-01	9.71E-02	<MDA	<MDA
SR-152-29	Batch 2 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-29R	Recount	13R	<MDA	<MDA	<MDA	<MDA
SR-152-30	Batch 2 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-31	Batch 2 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-32	Batch 2 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-033	Batch 3 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-034	Batch 3 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-035	Batch 3 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-036	Batch 3 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-037	Batch 3 Clean Stockpile	5	1.63E-01	7.90E-02	<MDA	<MDA
SR-152-038	Batch 3 Clean Stockpile	6	1.84E-01	8.67E-02	<MDA	<MDA
SR-152-039	Batch 3 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-040	Batch 3 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-041	Batch 3 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-042	Batch 3 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-043	Batch 3 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-044	Batch 3 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-045	Batch 3 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-046	Batch 3 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-047	Batch 3 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-048	Batch 3 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-49	Batch 4 Clean Stockpile	1	3.33E-01	1.15E-01	<MDA	<MDA
SR-152-50	Batch 4 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-51	Batch 4 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-52	Batch 4 Clean Stockpile	4	2.54E-01	9.97E-02	<MDA	<MDA
SR-152-53	Batch 4 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-54	Batch 4 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-55	Batch 4 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-56	Batch 4 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-57	Batch 4 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-58	Batch 4 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-59	Batch 4 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-60	Batch 4 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-61	Batch 4 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-62	Batch 4 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-63	Batch 4 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-64	Batch 4 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-65	Batch 5 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-66	Batch 5 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-67	Batch 5 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-68	Batch 5 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-69	Batch 5 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-70	Batch 5 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-71	Batch 5 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-72	Batch 5 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-73	Batch 5 Clean Stockpile	9	1.74E-01	8.00E-02	<MDA	<MDA
SR-152-74	Batch 5 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-75	Batch 5 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-76	Batch 5 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-77	Batch 5 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-78	Batch 5 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-79	Batch 5 Clean Stockpile	15	2.06E-01	9.73E-02	<MDA	<MDA
SR-152-80	Batch 5 Clean Stockpile	16	2.00E-01	9.70E-02	<MDA	<MDA
SR-152-81	Batch 6 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-82	Batch 6 Clean Stockpile	2	1.80E-01	8.48E-02	<MDA	<MDA
SR-152-83	Batch 6 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-84	Batch 6 Clean Stockpile	4	1.96E-01	9.27E-02	<MDA	<MDA
SR-152-85	Batch 6 Clean Stockpile	5	3.48E-01	1.32E-01	<MDA	<MDA
SR-152-86	Batch 6 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-87	Batch 6 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-88	Batch 6 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-89	Batch 6 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-90	Batch 6 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-91	Batch 6 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-92	Batch 6 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-93	Batch 6 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-94	Batch 6 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-95	Batch 6 Clean Stockpile	15	1.67E-01	7.66E-02	<MDA	<MDA
SR-152-96	Batch 6 Clean Stockpile	16	1.65E-01	6.03E-02	<MDA	<MDA
SR-152-97	Batch 7 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-98	Batch 7 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-99	Batch 7 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-100	Batch 7 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-101	Batch 7 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-102	Batch 7 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-103	Batch 7 Clean Stockpile	7	2.89E-01	1.21E-01	<MDA	<MDA
SR-152-104	Batch 7 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-105	Batch 7 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-106	Batch 7 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-107	Batch 7 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-108	Batch 7 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-109	Batch 7 Clean Stockpile	13	1.81E-01	9.07E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-110	Batch 7 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-111	Batch 7 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-112	Batch 7 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-113	Batch 8 Clean Stockpile	1	5.31E-01	1.59E-01	<MDA	<MDA
SR-152-114	Batch 8 Clean Stockpile	2	4.57E-01	1.40E-01	<MDA	<MDA
SR-152-115	Batch 8 Clean Stockpile	3	4.94E-01	1.51E-01	<MDA	<MDA
SR-152-116	Batch 8 Clean Stockpile	4	3.20E-01	1.17E-01	<MDA	<MDA
SR-152-117	Batch 8 Clean Stockpile	5	4.79E-01	1.54E-01	<MDA	<MDA
SR-152-118	Batch 8 Clean Stockpile	6	3.69E-01	1.25E-01	<MDA	<MDA
SR-152-119	Batch 8 Clean Stockpile	7	5.42E-01	1.97E-01	<MDA	<MDA
SR-152-120	Batch 8 Clean Stockpile	8	3.38E-01	1.24E-01	<MDA	<MDA
SR-152-121	Batch 8 Clean Stockpile	9	4.44E-01	1.42E-01	<MDA	<MDA
SR-152-122	Batch 8 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-123	Batch 8 Clean Stockpile	11	3.14E-01	1.06E-01	<MDA	<MDA
SR-152-124	Batch 8 Clean Stockpile	12	3.67E-01	1.28E-01	<MDA	<MDA
SR-152-125	Batch 8 Clean Stockpile	13	3.66E-01	1.22E-01	<MDA	<MDA
SR-152-126	Batch 8 Clean Stockpile	14	4.05E-01	1.39E-01	<MDA	<MDA
SR-152-127	Batch 8 Clean Stockpile	15	3.25E-01	1.13E-01	<MDA	<MDA
SR-152-128	Batch 8 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-129	Batch 9 Clean Stockpile	1	2.97E-01	1.11E-01	<MDA	<MDA
SR-152-130	Batch 9 Clean Stockpile	2	3.51E-01	1.24E-01	<MDA	<MDA
SR-152-131	Batch 9 Clean Stockpile	3	3.81E-01	1.26E-01	<MDA	<MDA
SR-152-132	Batch 9 Clean Stockpile	4	3.49E-01	1.30E-01	<MDA	<MDA
SR-152-133	Batch 9 Clean Stockpile	5	3.26E-01	1.14E-01	<MDA	<MDA
SR-152-134	Batch 9 Clean Stockpile	6	4.30E-01	1.42E-01	<MDA	<MDA
SR-152-135	Batch 9 Clean Stockpile	7	3.97E-01	1.29E-01	<MDA	<MDA
SR-152-136	Batch 9 Clean Stockpile	8	3.26E-01	1.23E-01	<MDA	<MDA
SR-152-137	Batch 9 Clean Stockpile	9	2.08E-01	9.31E-02	<MDA	<MDA
SR-152-138	Batch 9 Clean Stockpile	10	3.38E-01	1.31E-01	<MDA	<MDA
SR-152-139	Batch 9 Clean Stockpile	11	3.03E-01	1.08E-01	<MDA	<MDA
SR-152-140	Batch 9 Clean Stockpile	12	2.41E-01	1.05E-01	<MDA	<MDA
SR-152-141	Batch 9 Clean Stockpile	13	3.15E-01	1.12E-01	<MDA	<MDA
SR-152-142	Batch 9 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-143	Batch 9 Clean Stockpile	15	4.88E-01	1.68E-01	<MDA	<MDA
SR-152-144	Batch 9 Clean Stockpile	16	5.36E-01	1.55E-01	<MDA	<MDA
SR-152-145	Batch 10 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-146	Batch 10 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-147	Batch 10 Clean Stockpile	3	2.43E-01	9.94E-02	<MDA	<MDA
SR-152-148	Batch 10 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-149	Batch 10 Clean Stockpile	5	2.42E-01	9.92E-02	<MDA	<MDA
SR-152-150	Batch 10 Clean Stockpile	6	2.44E-01	1.09E-01	<MDA	<MDA
SR-152-151	Batch 10 Clean Stockpile	7	3.75E-01	1.24E-01	<MDA	<MDA
SR-152-152	Batch 10 Clean Stockpile	8	2.59E-01	1.08E-01	<MDA	<MDA
SR-152-153	Batch 10 Clean Stockpile	9	3.00E-01	1.08E-01	<MDA	<MDA
SR-152-154	Batch 10 Clean Stockpile	10	4.96E-01	1.50E-01	<MDA	<MDA
SR-152-155	Batch 10 Clean Stockpile	11	2.66E-01	1.01E-01	<MDA	<MDA
SR-152-156	Batch 10 Clean Stockpile	12	3.40E-01	1.19E-01	<MDA	<MDA
SR-152-157	Batch 10 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-158	Batch 10 Clean Stockpile	14	2.43E-01	9.75E-02	<MDA	<MDA
SR-152-159	Batch 10 Clean Stockpile	15	3.43E-01	1.34E-01	<MDA	<MDA
SR-152-160	Batch 10 Clean Stockpile	16	2.31E-01	1.01E-01	<MDA	<MDA
SR-152-161	Batch 11 Clean Stockpile	1	3.49E-01	1.35E-01	<MDA	<MDA
SR-152-162	Batch 11 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-163	Batch 11 Clean Stockpile	3	4.33E-01	1.31E-01	<MDA	<MDA
SR-152-164	Batch 11 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-165	Batch 11 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-166	Batch 11 Clean Stockpile	6	4.27E-01	1.39E-01	<MDA	<MDA
SR-152-167	Batch 11 Clean Stockpile	7	3.07E-01	1.12E-01	<MDA	<MDA
SR-152-168	Batch 11 Clean Stockpile	8	3.38E-01	1.22E-01	<MDA	<MDA
SR-152-169	Batch 11 Clean Stockpile	9	3.47E-01	1.16E-01	<MDA	<MDA
SR-152-170	Batch 11 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-171	Batch 11 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-172	Batch 11 Clean Stockpile	12	2.35E-01	1.03E-01	<MDA	<MDA
SR-152-173	Batch 11 Clean Stockpile	13	1.87E-01	9.10E-02	<MDA	<MDA
SR-152-174	Batch 11 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-175	Batch 11 Clean Stockpile	15	2.76E-01	1.05E-01	<MDA	<MDA
SR-152-176	Batch 11 Clean Stockpile	16	3.75E-01	1.35E-01	<MDA	<MDA
SR-152-177	Batch 12 Clean Stockpile	1	2.24E-01	9.38E-02	<MDA	<MDA
SR-152-178	Batch 12 Clean Stockpile	2	3.80E-01	1.31E-01	<MDA	<MDA
SR-152-179	Batch 12 Clean Stockpile	3	3.59E-01	1.22E-01	<MDA	<MDA
SR-152-180	Batch 12 Clean Stockpile	4	2.67E-01	1.05E-01	<MDA	<MDA
SR-152-181	Batch 12 Clean Stockpile	5	2.31E-01	1.06E-01	<MDA	<MDA
SR-152-182	Batch 12 Clean Stockpile	6	3.26E-01	1.11E-01	<MDA	<MDA
SR-152-183	Batch 12 Clean Stockpile	7	3.64E-01	1.25E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-184	Batch 12 Clean Stockpile	8	3.07E-01	1.11E-01	<MDA	<MDA
SR-152-185	Batch 12 Clean Stockpile	9	6.06E-01	1.61E-01	<MDA	<MDA
SR-152-186	Batch 12 Clean Stockpile	10	3.46E-01	1.21E-01	<MDA	<MDA
SR-152-187	Batch 12 Clean Stockpile	11	3.45E-01	1.33E-01	<MDA	<MDA
SR-152-188	Batch 12 Clean Stockpile	12	2.70E-01	8.62E-02	<MDA	<MDA
SR-152-189	Batch 12 Clean Stockpile	13	4.02E-01	1.34E-01	<MDA	<MDA
SR-152-190	Batch 12 Clean Stockpile	14	2.15E-01	9.61E-02	<MDA	<MDA
SR-152-191	Batch 12 Clean Stockpile	15	2.48E-01	1.06E-01	<MDA	<MDA
SR-152-192	Batch 12 Clean Stockpile	16	3.07E-01	1.11E-01	<MDA	<MDA
SR-152-193	Batch 12 Clean Stockpile	17	3.49E-01	1.22E-01	<MDA	<MDA
SR-152-194	Batch 12 Clean Stockpile	18	1.92E-01	8.82E-02	<MDA	<MDA
SR-152-195	Batch 12 Clean Stockpile	19	2.44E-01	1.02E-01	<MDA	<MDA
SR-152-196	Batch 13 Clean Stockpile	1	2.68E-01	1.20E-01	<MDA	<MDA
SR-152-197	Batch 13 Clean Stockpile	2	3.15E-01	1.43E-01	<MDA	<MDA
SR-152-198	Batch 13 Clean Stockpile	3	3.27E-01	1.20E-01	<MDA	<MDA
SR-152-199	Batch 13 Clean Stockpile	4	2.44E-01	9.77E-02	<MDA	<MDA
SR-152-200	Batch 13 Clean Stockpile	5	3.53E-01	1.27E-01	<MDA	<MDA
SR-152-201	Batch 13 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-202	Batch 13 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-203	Batch 13 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-204	Batch 13 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-205	Batch 13 Clean Stockpile	10	2.66E-01	8.02E-02	<MDA	<MDA
SR-152-206	Batch 13 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-207	Batch 13 Clean Stockpile	12	3.04E-01	1.15E-01	<MDA	<MDA
SR-152-208	Batch 13 Clean Stockpile	13	2.30E-01	9.81E-02	<MDA	<MDA
SR-152-209	Batch 13 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-210	Batch 13 Clean Stockpile	15	2.70E-01	9.68E-02	<MDA	<MDA
SR-152-211	Batch 13 Clean Stockpile	16	3.37E-01	1.20E-01	<MDA	<MDA
SR-152-212	Batch 14 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-213	Batch 14 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-214	Batch 14 Clean Stockpile	3	3.10E-01	1.12E-01	<MDA	<MDA
SR-152-215	Batch 14 Clean Stockpile	4	2.70E-01	1.08E-01	<MDA	<MDA
SR-152-216	Batch 14 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-217	Batch 14 Clean Stockpile	6	3.04E-01	1.13E-01	<MDA	<MDA
SR-152-218	Batch 14 Clean Stockpile	7	2.70E-01	1.02E-01	<MDA	<MDA
SR-152-219	Batch 14 Clean Stockpile	8	2.07E-01	9.50E-02	<MDA	<MDA
SR-152-220	Batch 14 Clean Stockpile	9	2.96E-01	1.21E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-221	Batch 14 Clean Stockpile	10	2.52E-01	1.18E-01	<MDA	<MDA
SR-152-222	Batch 14 Clean Stockpile	11	2.31E-01	9.63E-02	<MDA	<MDA
SR-152-223	Batch 14 Clean Stockpile	12	2.31E-01	1.04E-01	<MDA	<MDA
SR-152-224	Batch 14 Clean Stockpile	13	4.07E-01	1.34E-01	<MDA	<MDA
SR-152-225	Batch 14 Clean Stockpile	14	2.92E-01	1.13E-01	<MDA	<MDA
SR-152-226	Batch 14 Clean Stockpile	15	3.44E-01	1.20E-01	<MDA	<MDA
SR-152-227	Batch 14 Clean Stockpile	16	3.12E-01	1.16E-01	<MDA	<MDA
SR-152-228	Batch 15 Clean Stockpile	1	2.91E-01	1.15E-01	<MDA	<MDA
SR-152-229	Batch 15 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-230	Batch 15 Clean Stockpile	3	3.60E-01	1.26E-01	<MDA	<MDA
SR-152-231	Batch 15 Clean Stockpile	4	2.55E-01	1.06E-01	<MDA	<MDA
SR-152-232	Batch 15 Clean Stockpile	5	2.81E-01	1.03E-01	<MDA	<MDA
SR-152-233	Batch 15 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-234	Batch 15 Clean Stockpile	7	4.09E-01	1.39E-01	<MDA	<MDA
SR-152-235	Batch 15 Clean Stockpile	8	3.04E-01	1.08E-01	<MDA	<MDA
SR-152-236	Batch 15 Clean Stockpile	9	3.38E-01	1.24E-01	<MDA	<MDA
SR-152-237	Batch 15 Clean Stockpile	10	2.45E-01	1.05E-01	<MDA	<MDA
SR-152-238	Batch 15 Clean Stockpile	11	3.57E-01	1.25E-01	<MDA	<MDA
SR-152-239	Batch 15 Clean Stockpile	12	2.34E-01	1.05E-01	<MDA	<MDA
SR-152-240	Batch 15 Clean Stockpile	13	3.08E-01	1.15E-01	<MDA	<MDA
SR-152-241	Batch 15 Clean Stockpile	14	2.65E-01	1.28E-01	<MDA	<MDA
SR-152-242	Batch 15 Clean Stockpile	15	2.34E-01	1.00E-01	<MDA	<MDA
SR-152-243	Batch 15 Clean Stockpile	16	3.35E-01	1.19E-01	<MDA	<MDA
SR-152-244	Batch 16 Clean Stockpile	1	3.10E-01	1.17E-01	<MDA	<MDA
SR-152-245	Batch 16 Clean Stockpile	2	3.21E-01	1.18E-01	<MDA	<MDA
SR-152-246	Batch 16 Clean Stockpile	3	3.99E-01	1.32E-01	<MDA	<MDA
SR-152-247	Batch 16 Clean Stockpile	4	2.85E-01	1.08E-01	<MDA	<MDA
SR-152-248	Batch 16 Clean Stockpile	5	3.38E-01	1.22E-01	<MDA	<MDA
SR-152-249	Batch 16 Clean Stockpile	6	4.99E-01	1.42E-01	<MDA	<MDA
SR-152-250	Batch 16 Clean Stockpile	7	4.08E-01	1.29E-01	<MDA	<MDA
SR-152-251	Batch 16 Clean Stockpile	8	3.04E-01	1.08E-01	<MDA	<MDA
SR-152-252	Batch 16 Clean Stockpile	9	3.06E-01	1.16E-01	<MDA	<MDA
SR-152-253	Batch 16 Clean Stockpile	10	4.37E-01	1.35E-01	<MDA	<MDA
SR-152-254	Batch 16 Clean Stockpile	11	3.02E-01	1.14E-01	<MDA	<MDA
SR-152-255	Batch 16 Clean Stockpile	12	3.21E-01	1.10E-01	<MDA	<MDA
SR-152-256	Batch 16 Clean Stockpile	13	2.98E-01	1.37E-01	<MDA	<MDA
SR-152-257	Batch 16 Clean Stockpile	14	2.71E-01	1.03E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-258	Batch 16 Clean Stockpile	15	2.43E-01	1.15E-01	<MDA	<MDA
SR-152-259	Batch 16 Clean Stockpile	16	2.90E-01	1.05E-01	<MDA	<MDA
SR-152-260	Batch 17 Clean Stockpile	1	2.67E-01	1.07E-01	<MDA	<MDA
SR-152-261	Batch 17 Clean Stockpile	2	2.66E-01	1.09E-01	<MDA	<MDA
SR-152-262	Batch 17 Clean Stockpile	3	2.91E-01	1.17E-01	<MDA	<MDA
SR-152-263	Batch 17 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-264	Batch 17 Clean Stockpile	5	3.09E-01	1.15E-01	<MDA	<MDA
SR-152-265	Batch 17 Clean Stockpile	6	2.67E-01	1.14E-01	<MDA	<MDA
SR-152-266	Batch 17 Clean Stockpile	7	2.67E-01	1.03E-01	<MDA	<MDA
SR-152-267	Batch 17 Clean Stockpile	8	2.61E-01	1.07E-01	<MDA	<MDA
SR-152-268	Batch 17 Clean Stockpile	9	3.21E-01	1.16E-01	<MDA	<MDA
SR-152-269	Batch 17 Clean Stockpile	10	4.65E-01	1.75E-01	<MDA	<MDA
SR-152-270	Batch 17 Clean Stockpile	11	3.84E-01	1.23E-01	<MDA	<MDA
SR-152-271	Batch 17 Clean Stockpile	12	3.19E-01	1.25E-01	<MDA	<MDA
SR-152-272	Batch 17 Clean Stockpile	13	2.93E-01	1.13E-01	<MDA	<MDA
SR-152-273	Batch 17 Clean Stockpile	14	4.61E-01	1.37E-01	<MDA	<MDA
SR-152-274	Batch 17 Clean Stockpile	15	3.06E-01	1.14E-01	<MDA	<MDA
SR-152-275	Batch 17 Clean Stockpile	16	2.41E-01	1.03E-01	<MDA	<MDA
SR-152-276	Batch 18 Clean Stockpile	1	3.19E-01	1.15E-01	<MDA	<MDA
SR-152-277	Batch 18 Clean Stockpile	2	3.77E-01	1.20E-01	<MDA	<MDA
SR-152-278	Batch 18 Clean Stockpile	3	2.06E-01	1.00E-01	<MDA	<MDA
SR-152-279	Batch 18 Clean Stockpile	4	2.54E-01	1.26E-01	<MDA	<MDA
SR-152-280	Batch 18 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-281	Batch 18 Clean Stockpile	6	3.05E-01	1.14E-01	<MDA	<MDA
SR-152-282	Batch 18 Clean Stockpile	7	2.71E-01	1.11E-01	<MDA	<MDA
SR-152-283	Batch 18 Clean Stockpile	8	3.51E-01	1.21E-01	<MDA	<MDA
SR-152-284	Batch 18 Clean Stockpile	9	2.87E-01	1.20E-01	<MDA	<MDA
SR-152-285	Batch 18 Clean Stockpile	10	1.74E-01	8.45E-02	<MDA	<MDA
SR-152-286	Batch 18 Clean Stockpile	11	3.87E-01	1.33E-01	<MDA	<MDA
SR-152-287	Batch 18 Clean Stockpile	12	4.35E-01	1.35E-01	<MDA	<MDA
SR-152-288	Batch 18 Clean Stockpile	13	3.01E-01	1.21E-01	<MDA	<MDA
SR-152-289	Batch 18 Clean Stockpile	14	4.20E-01	1.32E-01	<MDA	<MDA
SR-152-290	Batch 18 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-290R	Batch 18 Clean Stockpile	16	2.69E-01	9.29E-02	<MDA	<MDA
SR-152-291	Batch 18 Clean Stockpile	1	2.28E-01	9.51E-02	<MDA	<MDA
SR-152-292	Batch 19 Clean Stockpile	2	2.58E-01	1.01E-01	<MDA	<MDA
SR-152-293	Batch 19 Clean Stockpile	3	2.70E-01	1.06E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-294	Batch 19 Clean Stockpile	4	2.60E-01	1.07E-01	<MDA	<MDA
SR-152-295	Batch 19 Clean Stockpile	5	2.48E-01	9.75E-02	<MDA	<MDA
SR-152-296	Batch 19 Clean Stockpile	6	2.54E-01	9.99E-02	<MDA	<MDA
SR-152-297	Batch 19 Clean Stockpile	7	3.86E-01	1.24E-01	<MDA	<MDA
SR-152-298	Batch 19 Clean Stockpile	8	3.13E-01	1.19E-01	<MDA	<MDA
SR-152-299	Batch 19 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-300	Batch 19 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-301	Batch 19 Clean Stockpile	11	2.53E-01	9.74E-02	<MDA	<MDA
SR-152-302	Batch 19 Clean Stockpile	12	2.91E-01	1.16E-01	<MDA	<MDA
SR-152-303	Batch 19 Clean Stockpile	13	2.90E-01	1.12E-01	<MDA	<MDA
SR-152-304	Batch 19 Clean Stockpile	14	3.21E-01	1.17E-01	<MDA	<MDA
SR-152-305	Batch 19 Clean Stockpile	15	3.02E-01	1.11E-01	<MDA	<MDA
SR-152-306	Batch 19 Clean Stockpile	15R	2.75E-01	1.08E-01	<MDA	<MDA
SR-152-307	Batch 19 Clean Stockpile	16	2.33E-01	9.54E-02	<MDA	<MDA
SR-152-308	Batch 20 Clean Stockpile	1	3.15E-01	1.36E-01	<MDA	<MDA
SR-152-309	Batch 20 Clean Stockpile	2	1.89E-01	8.93E-02	<MDA	<MDA
SR-152-310	Batch 20 Clean Stockpile	3	3.08E-01	1.19E-01	<MDA	<MDA
SR-152-311	Batch 20 Clean Stockpile	4	2.08E-01	9.57E-02	<MDA	<MDA
SR-152-312	Batch 20 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-313	Batch 20 Clean Stockpile	6	2.23E-01	9.52E-02	<MDA	<MDA
SR-152-314	Batch 20 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-315	Batch 20 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-316	Batch 20 Clean Stockpile	9	2.11E-01	9.97E-02	<MDA	<MDA
SR-152-317	Batch 20 Clean Stockpile	10	1.98E-01	9.12E-02	<MDA	<MDA
SR-152-318	Batch 20 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-319	Batch 20 Clean Stockpile	12	3.08E-01	1.09E-01	<MDA	<MDA
SR-152-320	Batch 20 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-321	Batch 20 Clean Stockpile	14	2.76E-01	1.11E-01	<MDA	<MDA
SR-152-322	Batch 20 Clean Stockpile	15	2.71E-01	1.13E-01	<MDA	<MDA
SR-152-323	Batch 20 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-323R	Batch 20 Clean Stockpile	16R	2.14E-01	1.03E-01	<MDA	<MDA
SR-152-324	Batch 21 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-325	Batch 21 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-326	Batch 21 Clean Stockpile	3	2.31E-01	1.01E-01	<MDA	<MDA
SR-152-327	Batch 21 Clean Stockpile	4	2.99E-01	1.09E-01	<MDA	<MDA
SR-152-328	Batch 21 Clean Stockpile	5	3.44E-01	1.30E-01	<MDA	<MDA
SR-152-329	Batch 21 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-330	Batch 21 Clean Stockpile	7	2.57E-01	1.03E-01	<MDA	<MDA
SR-152-331	Batch 21 Clean Stockpile	8	2.92E-01	1.15E-01	<MDA	<MDA
SR-152-332	Batch 21 Clean Stockpile	9	2.33E-01	1.02E-01	<MDA	<MDA
SR-152-333	Batch 21 Clean Stockpile	10	2.74E-01	1.14E-01	<MDA	<MDA
SR-152-334	Batch 21 Clean Stockpile	11	3.64E-01	1.38E-01	<MDA	<MDA
SR-152-335	Batch 21 Clean Stockpile	12	2.58E-01	1.06E-01	<MDA	<MDA
SR-152-336	Batch 21 Clean Stockpile	13	2.86E-01	1.14E-01	<MDA	<MDA
SR-152-337	Batch 21 Clean Stockpile	14	2.69E-01	1.08E-01	<MDA	<MDA
SR-152-338	Batch 21 Clean Stockpile	15	3.25E-01	1.23E-01	<MDA	<MDA
SR-152-339	Batch 21 Clean Stockpile	16	3.28E-01	1.18E-01	<MDA	<MDA
SR-152-340	Batch 22 Clean Stockpile	1	2.64E-01	9.99E-02	<MDA	<MDA
SR-152-341	Batch 22 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-342	Batch 22 Clean Stockpile	3	4.11E-01	1.35E-01	<MDA	<MDA
SR-152-343	Batch 22 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-344	Batch 22 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-345	Batch 22 Clean Stockpile	6	2.11E-01	9.00E-02	<MDA	<MDA
SR-152-346	Batch 22 Clean Stockpile	7	2.57E-01	1.10E-01	<MDA	<MDA
SR-152-347	Batch 22 Clean Stockpile	8	3.26E-01	1.14E-01	<MDA	<MDA
SR-152-348	Batch 22 Clean Stockpile	9	2.16E-01	9.67E-02	<MDA	<MDA
SR-152-349	Batch 22 Clean Stockpile	10	3.99E-01	1.22E-01	<MDA	<MDA
SR-152-350	Batch 22 Clean Stockpile	11	3.01E-01	1.21E-01	<MDA	<MDA
SR-152-351	Batch 22 Clean Stockpile	12	2.74E-01	1.06E-01	<MDA	<MDA
SR-152-352	Batch 22 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-353	Batch 22 Clean Stockpile	14	2.83E-01	1.04E-01	<MDA	<MDA
SR-152-354	Batch 22 Clean Stockpile	15	2.31E-01	1.04E-01	<MDA	<MDA
SR-152-355	Batch 22 Clean Stockpile	16	2.98E-01	1.07E-01	<MDA	<MDA
SR-152-356	Batch 23 Clean Stockpile	1	2.89E-01	1.13E-01	<MDA	<MDA
SR-152-357	Batch 23 Clean Stockpile	2	2.07E-01	9.07E-02	<MDA	<MDA
SR-152-358	Batch 23 Clean Stockpile	3	2.51E-01	1.03E-01	<MDA	<MDA
SR-152-359	Batch 23 Clean Stockpile	4	2.48E-01	1.08E-01	<MDA	<MDA
SR-152-360	Batch 23 Clean Stockpile	5	1.91E-01	9.00E-02	<MDA	<MDA
SR-152-361	Batch 23 Clean Stockpile	6	2.85E-01	1.19E-01	<MDA	<MDA
SR-152-362	Batch 23 Clean Stockpile	7	2.94E-01	1.08E-01	<MDA	<MDA
SR-152-363	Batch 23 Clean Stockpile	8	2.80E-01	1.38E-01	<MDA	<MDA
SR-152-364	Batch 23 Clean Stockpile	9	3.09E-01	1.17E-01	<MDA	<MDA
SR-152-365	Batch 23 Clean Stockpile	10	4.07E-01	1.22E-01	<MDA	<MDA
SR-152-366	Batch 23 Clean Stockpile	11	3.40E-01	1.29E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-367	Batch 23 Clean Stockpile	12	3.13E-01	1.13E-01	<MDA	<MDA
SR-152-368	Batch 23 Clean Stockpile	13	2.88E-01	1.04E-01	<MDA	<MDA
SR-152-369	Batch 23 Clean Stockpile	14	2.11E-01	8.82E-02	<MDA	<MDA
SR-152-370	Batch 23 Clean Stockpile	15	3.66E-01	1.18E-01	<MDA	<MDA
SR-152-371	Batch 23 Clean Stockpile	16	3.03E-01	1.21E-01	<MDA	<MDA
SR-152-372	Batch 23 Clean Stockpile	1	3.74E-01	1.23E-01	<MDA	<MDA
SR-152-373	Batch 23 Clean Stockpile	2	2.86E-01	1.16E-01	<MDA	<MDA
SR-152-414	Batch 23 Clean Stockpile	3	2.85E-01	1.31E-01	<MDA	<MDA
SR-152-415	Batch 23 Clean Stockpile	4	3.19E-01	1.15E-01	<MDA	<MDA
SR-152-374	Batch 24 Clean Stockpile	5	2.43E-01	1.04E-01	<MDA	<MDA
SR-152-375	Batch 24 Clean Stockpile	6	3.94E-01	1.27E-01	<MDA	<MDA
SR-152-376	Batch 24 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-377	Batch 24 Clean Stockpile	8	3.53E-01	1.18E-01	<MDA	<MDA
SR-152-378	Batch 24 Clean Stockpile	9	3.85E-01	1.51E-01	<MDA	<MDA
SR-152-379	Batch 24 Clean Stockpile	10	3.21E-01	1.12E-01	<MDA	<MDA
SR-152-380	Batch 24 Clean Stockpile	11	3.79E-01	1.39E-01	<MDA	<MDA
SR-152-381	Batch 24 Clean Stockpile	12	2.78E-01	1.09E-01	<MDA	<MDA
SR-152-382	Batch 24 Clean Stockpile	13	2.56E-01	9.88E-02	<MDA	<MDA
SR-152-383	Batch 24 Clean Stockpile	14	3.79E-01	1.34E-01	<MDA	<MDA
SR-152-384	Batch 24 Clean Stockpile	15	3.70E-01	1.19E-01	<MDA	<MDA
SR-152-385	Batch 24 Clean Stockpile	16	3.70E-01	1.25E-01	<MDA	<MDA
SR-152-386	Batch 24 Clean Stockpile	17	3.69E-01	1.23E-01	<MDA	<MDA
SR-152-387	Batch 24 Clean Stockpile	18	3.43E-01	1.20E-01	<MDA	<MDA
SR-152-388	Batch 24 Clean Stockpile	19	3.35E-01	9.12E-02	<MDA	<MDA
SR-152-389	Batch 24 Clean Stockpile	20	2.35E-01	1.15E-01	<MDA	<MDA
SR-152-390	Batch 25 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-391	Batch 25 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-392	Batch 25 Clean Stockpile	3	4.46E-01	1.33E-01	<MDA	<MDA
SR-152-393	Batch 25 Clean Stockpile	4	3.93E-01	1.26E-01	<MDA	<MDA
SR-152-394	Batch 25 Clean Stockpile	5	4.11E-01	1.36E-01	<MDA	<MDA
SR-152-395	Batch 25 Clean Stockpile	6	4.72E-01	1.38E-01	<MDA	<MDA
SR-152-396	Batch 25 Clean Stockpile	7	5.00E-01	1.48E-01	<MDA	<MDA
SR-152-397	Batch 25 Clean Stockpile	8	7.05E-01	1.77E-01	<MDA	<MDA
SR-152-398	Batch 25 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-399	Batch 25 Clean Stockpile	10	4.97E-01	1.52E-01	<MDA	<MDA
SR-152-400	Batch 25 Clean Stockpile	11	4.06E-01	1.55E-01	<MDA	<MDA
SR-152-401	Batch 25 Clean Stockpile	12	5.17E-01	1.66E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-402	Batch 25 Clean Stockpile	13	4.82E-01	1.49E-01	<MDA	<MDA
SR-152-403	Batch 25 Clean Stockpile	14	6.27E-01	1.58E-01	<MDA	<MDA
SR-152-404	Batch 25 Clean Stockpile	15	4.92E-01	1.41E-01	<MDA	<MDA
SR-152-405	Batch 25 Clean Stockpile	16	5.04E-01	1.52E-01	<MDA	<MDA
SR-152-406	Batch 26 Clean Stockpile	1	3.95E-01	1.58E-01	<MDA	<MDA
SR-152-407	Batch 26 Clean Stockpile	2	3.04E-01	1.10E-01	<MDA	<MDA
SR-152-408	Batch 26 Clean Stockpile	3	3.36E-01	1.40E-01	<MDA	<MDA
SR-152-409	Batch 26 Clean Stockpile	4	3.85E-01	1.27E-01	<MDA	<MDA
SR-152-410	Batch 26 Clean Stockpile	5	4.38E-01	1.43E-01	<MDA	<MDA
SR-152-411	Batch 26 Clean Stockpile	6	5.15E-01	1.48E-01	<MDA	<MDA
SR-152-412	Batch 26 Clean Stockpile	7	4.95E-01	1.66E-01	<MDA	<MDA
SR-152-413	Batch 26 Clean Stockpile	8	6.69E-01	1.62E-01	<MDA	<MDA
SR-152-416	Batch 26 Clean Stockpile	9	6.54E-01	1.74E-01	<MDA	<MDA
SR-152-417	Batch 26 Clean Stockpile	10	3.92E-01	1.53E-01	<MDA	<MDA
SR-152-418	Batch 26 Clean Stockpile	11	5.32E-01	1.54E-01	<MDA	<MDA
SR-152-419	Batch 26 Clean Stockpile	12	6.78E-01	1.73E-01	<MDA	<MDA
SR-152-420	Batch 26 Clean Stockpile	13	5.17E-01	1.48E-01	<MDA	<MDA
SR-152-421	Batch 26 Clean Stockpile	14	4.71E-01	1.38E-01	<MDA	<MDA
SR-152-422	Batch 26 Clean Stockpile	15	5.35E-01	1.66E-01	<MDA	<MDA
SR-152-423	Batch 26 Clean Stockpile	16	5.69E-01	1.60E-01	<MDA	<MDA
SR-152-424	Batch 27 Clean Stockpile	1	3.98E-01	1.35E-01	<MDA	<MDA
SR-152-425	Batch 27 Clean Stockpile	2	5.00E-01	1.65E-01	<MDA	<MDA
SR-152-426	Batch 27 Clean Stockpile	3	3.93E-01	1.35E-01	<MDA	<MDA
SR-152-427	Batch 27 Clean Stockpile	4	3.93E-01	1.25E-01	<MDA	<MDA
SR-152-428	Batch 27 Clean Stockpile	5	3.33E-01	1.20E-01	<MDA	<MDA
SR-152-429	Batch 27 Clean Stockpile	6	3.92E-01	1.29E-01	<MDA	<MDA
SR-152-430	Batch 27 Clean Stockpile	7	5.14E-01	1.70E-01	<MDA	<MDA
SR-152-431	Batch 27 Clean Stockpile	8	3.57E-01	1.27E-01	<MDA	<MDA
SR-152-432	Batch 27 Clean Stockpile	9	3.48E-01	1.61E-01	<MDA	<MDA
SR-152-433	Batch 27 Clean Stockpile	10	5.13E-01	1.44E-01	<MDA	<MDA
SR-152-434	Batch 27 Clean Stockpile	11	4.19E-01	1.33E-01	<MDA	<MDA
SR-152-435	Batch 27 Clean Stockpile	12	3.60E-01	1.19E-01	<MDA	<MDA
SR-152-436	Batch 27 Clean Stockpile	13	3.73E-01	1.30E-01	<MDA	<MDA
SR-152-437	Batch 27 Clean Stockpile	14	3.92E-01	1.26E-01	<MDA	<MDA
SR-152-438	Batch 27 Clean Stockpile	15	4.31E-01	9.77E-02	<MDA	<MDA
SR-152-439	Batch 27 Clean Stockpile	16	4.30E-01	1.29E-01	<MDA	<MDA
SR-152-440	Batch 28 Clean Stockpile	1	4.28E-01	1.37E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-441	Batch 28 Clean Stockpile	2	4.33E-01	1.31E-01	<MDA	<MDA
SR-152-442	Batch 28 Clean Stockpile	3	4.45E-01	1.33E-01	<MDA	<MDA
SR-152-443	Batch 28 Clean Stockpile	4	3.39E-01	1.16E-01	<MDA	<MDA
SR-152-444	Batch 28 Clean Stockpile	5	3.53E-01	1.16E-01	<MDA	<MDA
SR-152-445	Batch 28 Clean Stockpile	6	3.01E-01	1.08E-01	<MDA	<MDA
SR-152-446	Batch 28 Clean Stockpile	7	3.51E-01	1.17E-01	<MDA	<MDA
SR-152-447	Batch 28 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-448	Batch 28 Clean Stockpile	9	6.16E-01	1.68E-01	<MDA	<MDA
SR-152-449	Batch 28 Clean Stockpile	10	2.36E-01	1.03E-01	<MDA	<MDA
SR-152-450	Batch 28 Clean Stockpile	11	4.26E-01	1.33E-01	<MDA	<MDA
SR-152-451	Batch 28 Clean Stockpile	12	5.02E-01	1.43E-01	<MDA	<MDA
SR-152-452	Batch 28 Clean Stockpile	13	4.51E-01	1.60E-01	<MDA	<MDA
SR-152-453	Batch 28 Clean Stockpile	14	4.51E-01	1.38E-01	<MDA	<MDA
SR-152-454	Batch 28 Clean Stockpile	15	6.61E-01	1.76E-01	<MDA	<MDA
SR-152-455	Batch 28 Clean Stockpile	16	5.74E-01	1.56E-01	<MDA	<MDA
SR-152-456	Batch 29 Clean Stockpile	1	4.25E-01	1.35E-01	<MDA	<MDA
SR-152-457	Batch 29 Clean Stockpile	2	5.32E-01	1.76E-01	<MDA	<MDA
SR-152-458	Batch 29 Clean Stockpile	3	6.14E-01	1.66E-01	<MDA	<MDA
SR-152-459	Batch 29 Clean Stockpile	4	7.09E-01	1.73E-01	<MDA	<MDA
SR-152-460	Batch 29 Clean Stockpile	5	6.57E-01	1.72E-01	<MDA	<MDA
SR-152-461	Batch 29 Clean Stockpile	6	4.82E-01	1.46E-01	<MDA	<MDA
SR-152-462	Batch 29 Clean Stockpile	7	5.43E-01	1.50E-01	<MDA	<MDA
SR-152-463	Batch 29 Clean Stockpile	8	4.32E-01	1.39E-01	<MDA	<MDA
SR-152-464	Batch 29 Clean Stockpile	9	4.69E-01	1.44E-01	<MDA	<MDA
SR-152-465	Batch 29 Clean Stockpile	10	4.08E-01	1.31E-01	<MDA	<MDA
SR-152-466	Batch 29 Clean Stockpile	11	4.48E-01	1.36E-01	<MDA	<MDA
SR-152-467	Batch 29 Clean Stockpile	12	4.19E-01	1.27E-01	<MDA	<MDA
SR-152-468	Batch 29 Clean Stockpile	13	5.49E-01	1.54E-01	<MDA	<MDA
SR-152-469	Batch 29 Clean Stockpile	14	3.64E-01	1.20E-01	<MDA	<MDA
SR-152-470	Batch 29 Clean Stockpile	15	4.26E-01	1.29E-01	<MDA	<MDA
SR-152-471	Batch 29 Clean Stockpile	16	3.31E-01	1.17E-01	<MDA	<MDA
SR-152-472	Batch 30 Clean Stockpile	1	2.26E-01	9.07E-02	<MDA	<MDA
SR-152-473	Batch 30 Clean Stockpile	2	5.06E-01	1.47E-01	<MDA	<MDA
SR-152-474	Batch 30 Clean Stockpile	3	2.44E-01	9.76E-02	<MDA	<MDA
SR-152-475	Batch 30 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-476	Batch 30 Clean Stockpile	5	4.29E-01	1.31E-01	<MDA	<MDA
SR-152-477	Batch 30 Clean Stockpile	6	2.66E-01	9.72E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-478	Batch 30 Clean Stockpile	7	2.98E-01	1.05E-01	<MDA	<MDA
SR-152-479	Batch 30 Clean Stockpile	8	3.45E-01	1.12E-01	<MDA	<MDA
SR-152-480	Batch 30 Clean Stockpile	9	3.24E-01	1.12E-01	<MDA	<MDA
SR-152-481	Batch 30 Clean Stockpile	10	3.70E-01	1.16E-01	<MDA	<MDA
SR-152-482	Batch 30 Clean Stockpile	11	2.69E-01	9.85E-02	<MDA	<MDA
SR-152-483	Batch 30 Clean Stockpile	12	3.01E-01	1.09E-01	<MDA	<MDA
SR-152-484	Batch 30 Clean Stockpile	13	2.86E-01	1.03E-01	<MDA	<MDA
SR-152-485	Batch 30 Clean Stockpile	14	2.04E-01	8.33E-02	<MDA	<MDA
SR-152-486	Batch 30 Clean Stockpile	15	4.45E-01	1.41E-01	<MDA	<MDA
SR-152-487	Batch 30 Clean Stockpile	16	4.24E-01	1.39E-01	<MDA	<MDA
SR-152-488	Batch 31 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-489	Batch 31 Clean Stockpile	2	4.66E-01	1.48E-01	<MDA	<MDA
SR-152-490	Batch 31 Clean Stockpile	3	6.66E-01	1.82E-01	<MDA	<MDA
SR-152-491	Batch 31 Clean Stockpile	4	4.51E-01	1.40E-01	<MDA	<MDA
SR-152-492	Batch 31 Clean Stockpile	5	3.35E-01	1.29E-01	<MDA	<MDA
SR-152-493	Batch 31 Clean Stockpile	6	3.35E-01	1.35E-01	<MDA	<MDA
SR-152-494	Batch 31 Clean Stockpile	7	3.40E-01	1.22E-01	<MDA	<MDA
SR-152-495	Batch 31 Clean Stockpile	8	3.12E-01	1.14E-01	<MDA	<MDA
SR-152-496	Batch 31 Clean Stockpile	9	4.42E-01	1.51E-01	<MDA	<MDA
SR-152-497	Batch 31 Clean Stockpile	10	4.76E-01	1.42E-01	<MDA	<MDA
SR-152-498	Batch 31 Clean Stockpile	11	3.61E-01	1.26E-01	<MDA	<MDA
SR-152-499	Batch 31 Clean Stockpile	12	2.69E-01	1.04E-01	<MDA	<MDA
SR-152-500	Batch 31 Clean Stockpile	13	3.56E-01	1.30E-01	<MDA	<MDA
SR-152-501	Batch 31 Clean Stockpile	14	4.40E-01	1.36E-01	<MDA	<MDA
SR-152-502	Batch 31 Clean Stockpile	15	2.95E-01	1.38E-01	<MDA	<MDA
SR-152-503	Batch 31 Clean Stockpile	16	4.16E-01	1.30E-01	<MDA	<MDA
SR-152-504	Batch 32 Clean Stockpile	1	3.87E-01	1.37E-01	<MDA	<MDA
SR-152-505	Batch 32 Clean Stockpile	2	5.18E-01	1.22E-01	<MDA	<MDA
SR-152-506	Batch 32 Clean Stockpile	3	3.81E-01	1.21E-01	<MDA	<MDA
SR-152-507	Batch 32 Clean Stockpile	4	2.78E-01	1.14E-01	<MDA	<MDA
SR-152-508	Batch 32 Clean Stockpile	5	4.69E-01	1.40E-01	<MDA	<MDA
SR-152-509	Batch 32 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-510	Batch 32 Clean Stockpile	7	3.32E-01	1.16E-01	<MDA	<MDA
SR-152-511	Batch 32 Clean Stockpile	8	3.92E-01	1.39E-01	<MDA	<MDA
SR-152-512	Batch 32 Clean Stockpile	9	3.00E-01	1.27E-01	<MDA	<MDA
SR-152-513	Batch 32 Clean Stockpile	10	3.87E-01	1.33E-01	<MDA	<MDA
SR-152-514	Batch 32 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-515	Batch 32 Clean Stockpile	12	3.28E-01	1.22E-01	<MDA	<MDA
SR-152-516	Batch 32 Clean Stockpile	13	3.35E-01	1.17E-01	<MDA	<MDA
SR-152-517	Batch 32 Clean Stockpile	14	3.75E-01	1.33E-01	<MDA	<MDA
SR-152-518	Batch 32 Clean Stockpile	15	4.89E-01	1.42E-01	<MDA	<MDA
SR-152-519	Batch 32 Clean Stockpile	16	4.15E-01	1.35E-01	<MDA	<MDA
SR-152-520	Batch 33 Clean Stockpile	1	2.90E-01	1.19E-01	<MDA	<MDA
SR-152-521	Batch 33 Clean Stockpile	2	4.45E-01	1.38E-01	<MDA	<MDA
SR-152-522	Batch 33 Clean Stockpile	3	3.95E-01	1.34E-01	<MDA	<MDA
SR-152-523	Batch 33 Clean Stockpile	4	3.46E-01	1.23E-01	<MDA	<MDA
SR-152-524	Batch 33 Clean Stockpile	5	4.20E-01	1.41E-01	<MDA	<MDA
SR-152-525	Batch 33 Clean Stockpile	6	5.30E-01	1.48E-01	<MDA	<MDA
SR-152-526	Batch 33 Clean Stockpile	7	4.00E-01	1.32E-01	<MDA	<MDA
SR-152-527	Batch 33 Clean Stockpile	8	4.21E-01	1.29E-01	<MDA	<MDA
SR-152-528	Batch 33 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-529	Batch 33 Clean Stockpile	10	3.41E-01	1.17E-01	<MDA	<MDA
SR-152-530	Batch 33 Clean Stockpile	11	3.93E-01	1.33E-01	<MDA	<MDA
SR-152-531	Batch 33 Clean Stockpile	12	3.54E-01	1.22E-01	<MDA	<MDA
SR-152-532	Batch 33 Clean Stockpile	13	3.77E-01	1.23E-01	<MDA	<MDA
SR-152-533	Batch 33 Clean Stockpile	14	3.43E-01	1.22E-01	<MDA	<MDA
SR-152-534	Batch 33 Clean Stockpile	15	3.28E-01	1.22E-01	<MDA	<MDA
SR-152-535	Batch 33 Clean Stockpile	16	4.40E-01	9.72E-02	<MDA	<MDA
SR-152-536	Batch 34 Clean Stockpile	1	3.65E-01	1.30E-01	<MDA	<MDA
SR-152-537	Batch 34 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-538	Batch 34 Clean Stockpile	3	5.83E-01	1.59E-01	<MDA	<MDA
SR-152-539	Batch 34 Clean Stockpile	4	4.06E-01	1.29E-01	<MDA	<MDA
SR-152-540	Batch 34 Clean Stockpile	5	4.35E-01	1.49E-01	<MDA	<MDA
SR-152-541	Batch 34 Clean Stockpile	6	3.72E-01	1.28E-01	<MDA	<MDA
SR-152-542	Batch 34 Clean Stockpile	7	2.82E-01	1.11E-01	<MDA	<MDA
SR-152-543	Batch 34 Clean Stockpile	8	3.44E-01	1.18E-01	<MDA	<MDA
SR-152-544	Batch 34 Clean Stockpile	9	4.01E-01	1.34E-01	<MDA	<MDA
SR-152-545	Batch 34 Clean Stockpile	10	4.08E-01	1.31E-01	<MDA	<MDA
SR-152-546	Batch 34 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-547	Batch 34 Clean Stockpile	12	3.04E-01	1.15E-01	<MDA	<MDA
SR-152-548	Batch 34 Clean Stockpile	13	3.63E-01	1.31E-01	<MDA	<MDA
SR-152-549	Batch 34 Clean Stockpile	14	3.01E-01	1.12E-01	<MDA	<MDA
SR-152-550	Batch 34 Clean Stockpile	15	3.50E-01	1.24E-01	<MDA	<MDA
SR-152-551	Batch 34 Clean Stockpile	16	3.13E-01	1.17E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-552	Batch 35 Clean Stockpile	1	4.00E-01	1.30E-01	<MDA	<MDA
SR-152-553	Batch 35 Clean Stockpile	2	3.74E-01	1.25E-01	<MDA	<MDA
SR-152-554	Batch 35 Clean Stockpile	3	3.20E-01	1.19E-01	<MDA	<MDA
SR-152-555	Batch 35 Clean Stockpile	4	3.20E-01	1.10E-01	<MDA	<MDA
SR-152-556	Batch 35 Clean Stockpile	5	4.02E-01	1.43E-01	<MDA	<MDA
SR-152-557	Batch 35 Clean Stockpile	6	3.58E-01	1.15E-01	<MDA	<MDA
SR-152-558	Batch 35 Clean Stockpile	7	3.22E-01	1.20E-01	<MDA	<MDA
SR-152-559	Batch 35 Clean Stockpile	8	3.28E-01	1.11E-01	<MDA	<MDA
SR-152-560	Batch 35 Clean Stockpile	9	4.78E-01	1.46E-01	<MDA	<MDA
SR-152-561	Batch 35 Clean Stockpile	10	3.08E-01	1.09E-01	<MDA	<MDA
SR-152-562	Batch 35 Clean Stockpile	11	5.81E-01	1.65E-01	<MDA	<MDA
SR-152-563	Batch 35 Clean Stockpile	12	3.85E-01	1.29E-01	<MDA	<MDA
SR-152-564	Batch 35 Clean Stockpile	13	2.57E-01	1.13E-01	<MDA	<MDA
SR-152-565	Batch 35 Clean Stockpile	14	3.95E-01	1.34E-01	<MDA	<MDA
SR-152-566	Batch 35 Clean Stockpile	15	5.96E-01	1.61E-01	<MDA	<MDA
SR-152-567	Batch 35 Clean Stockpile	16	2.99E-01	1.15E-01	<MDA	<MDA
SR-152-568	Batch 36 Clean Stockpile	1	3.44E-01	1.15E-01	<MDA	<MDA
SR-152-569	Batch 36 Clean Stockpile	2	3.04E-01	1.28E-01	<MDA	<MDA
SR-152-570	Batch 36 Clean Stockpile	3	3.89E-01	1.30E-01	<MDA	<MDA
SR-152-571	Batch 36 Clean Stockpile	4	4.42E-01	1.35E-01	<MDA	<MDA
SR-152-572	Batch 36 Clean Stockpile	5	3.56E-01	1.57E-01	<MDA	<MDA
SR-152-573	Batch 36 Clean Stockpile	6	5.76E-01	1.64E-01	<MDA	<MDA
SR-152-574	Batch 36 Clean Stockpile	7	3.93E-01	1.42E-01	<MDA	<MDA
SR-152-575	Batch 36 Clean Stockpile	8	4.22E-01	1.31E-01	<MDA	<MDA
SR-152-576	Batch 36 Clean Stockpile	9	5.55E-01	1.58E-01	<MDA	<MDA
SR-152-577	Batch 36 Clean Stockpile	10	3.81E-01	1.26E-01	<MDA	<MDA
SR-152-578	Batch 36 Clean Stockpile	11	3.86E-01	1.35E-01	<MDA	<MDA
SR-152-579	Batch 36 Clean Stockpile	12	4.49E-01	1.48E-01	<MDA	<MDA
SR-152-580	Batch 36 Clean Stockpile	13	4.32E-01	1.52E-01	<MDA	<MDA
SR-152-581	Batch 36 Clean Stockpile	14	5.71E-01	1.56E-01	<MDA	<MDA
SR-152-582	Batch 36 Clean Stockpile	15	6.46E-01	1.72E-01	<MDA	<MDA
SR-152-583	Batch 36 Clean Stockpile	16	4.86E-01	1.10E-01	<MDA	<MDA
SR-152-584	Batch 37 Clean Stockpile	1	4.80E-01	1.47E-01	<MDA	<MDA
SR-152-585	Batch 37 Clean Stockpile	2	3.17E-01	1.13E-01	<MDA	<MDA
SR-152-586	Batch 37 Clean Stockpile	3	4.43E-01	1.48E-01	<MDA	<MDA
SR-152-587	Batch 37 Clean Stockpile	4	5.27E-01	1.73E-01	<MDA	<MDA
SR-152-588	Batch 37 Clean Stockpile	5	4.96E-01	1.55E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-589	Batch 37 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-590	Batch 37 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-591	Batch 37 Clean Stockpile	8	4.66E-01	1.39E-01	<MDA	<MDA
SR-152-592	Batch 37 Clean Stockpile	9	3.92E-01	1.33E-01	<MDA	<MDA
SR-152-593	Batch 37 Clean Stockpile	10	4.11E-01	1.70E-01	<MDA	<MDA
SR-152-594	Batch 37 Clean Stockpile	11	3.38E-01	1.22E-01	<MDA	<MDA
SR-152-595	Batch 37 Clean Stockpile	12	4.09E-01	1.35E-01	<MDA	<MDA
SR-152-596	Batch 37 Clean Stockpile	13	4.78E-01	1.73E-01	<MDA	<MDA
SR-152-597	Batch 37 Clean Stockpile	14	5.18E-01	1.44E-01	<MDA	<MDA
SR-152-598	Batch 37 Clean Stockpile	15	4.07E-01	1.63E-01	<MDA	<MDA
SR-152-599	Batch 37 Clean Stockpile	16	4.45E-01	1.35E-01	<MDA	<MDA
SR-152-600	Batch 38 Clean Stockpile	1	4.46E-01	1.40E-01	<MDA	<MDA
SR-152-601	Batch 38 Clean Stockpile	2	3.66E-01	1.26E-01	<MDA	<MDA
SR-152-602	Batch 38 Clean Stockpile	3	1.39E-01	1.28E-01	<MDA	<MDA
SR-152-603	Batch 38 Clean Stockpile	4	3.37E-01	1.44E-01	<MDA	<MDA
SR-152-604	Batch 38 Clean Stockpile	5	4.42E-01	1.38E-01	<MDA	<MDA
SR-152-605	Batch 38 Clean Stockpile	6	3.12E-01	1.14E-01	<MDA	<MDA
SR-152-606	Batch 38 Clean Stockpile	7	4.86E-01	1.52E-01	<MDA	<MDA
SR-152-607	Batch 38 Clean Stockpile	8	6.44E-01	1.67E-01	<MDA	<MDA
SR-152-608	Batch 38 Clean Stockpile	9	5.11E-01	1.51E-01	<MDA	<MDA
SR-152-609	Batch 38 Clean Stockpile	10	3.94E-01	1.23E-01	<MDA	<MDA
SR-152-610	Batch 38 Clean Stockpile	11	3.83E-01	1.36E-01	<MDA	<MDA
SR-152-611	Batch 38 Clean Stockpile	12	5.70E-01	1.54E-01	<MDA	<MDA
SR-152-612	Batch 38 Clean Stockpile	13	4.74E-01	1.47E-01	<MDA	<MDA
SR-152-613	Batch 38 Clean Stockpile	14	5.18E-01	1.44E-01	<MDA	<MDA
SR-152-614	Batch 38 Clean Stockpile	15	5.08E-01	1.56E-01	<MDA	<MDA
SR-152-615	Batch 38 Clean Stockpile	16	5.86E-01	1.53E-01	<MDA	<MDA
SR-152-616	Batch 39 Clean Stockpile	1	5.13E-01	1.53E-01	<MDA	<MDA
SR-152-617	Batch 39 Clean Stockpile	2	2.64E-01	1.06E-01	<MDA	<MDA
SR-152-618	Batch 39 Clean Stockpile	3	6.16E-01	1.73E-01	<MDA	<MDA
SR-152-619	Batch 39 Clean Stockpile	4	5.72E-01	1.50E-01	<MDA	<MDA
SR-152-620	Batch 39 Clean Stockpile	5	5.21E-01	1.54E-01	<MDA	<MDA
SR-152-621	Batch 39 Clean Stockpile	6	1.00E-01	2.11E-01	<MDA	<MDA
SR-152-622	Batch 39 Clean Stockpile	7	6.52E-01	1.71E-01	<MDA	<MDA
SR-152-623	Batch 39 Clean Stockpile	8	5.56E-01	1.49E-01	<MDA	<MDA
SR-152-624	Batch 39 Clean Stockpile	9	5.30E-01	1.60E-01	<MDA	<MDA
SR-152-625	Batch 39 Clean Stockpile	10	5.71E-01	1.69E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-626	Batch 39 Clean Stockpile	11	4.27E-01	1.60E-01	<MDA	<MDA
SR-152-627	Batch 39 Clean Stockpile	12	4.85E-01	1.65E-01	<MDA	<MDA
SR-152-628	Batch 39 Clean Stockpile	13	4.37E-01	1.40E-01	<MDA	<MDA
SR-152-629	Batch 39 Clean Stockpile	14	4.51E-01	1.35E-01	<MDA	<MDA
SR-152-630	Batch 39 Clean Stockpile	15	4.58E-01	1.38E-01	<MDA	<MDA
SR-152-631	Batch 39 Clean Stockpile	16	4.62E-01	1.40E-01	<MDA	<MDA
SR-152-632	Batch 40 Clean Stockpile	1	7.47E-01	1.85E-01	<MDA	<MDA
SR-152-633	Batch 40 Clean Stockpile	2	6.64E-01	1.66E-01	<MDA	<MDA
SR-152-634	Batch 40 Clean Stockpile	3	5.49E-01	1.59E-01	<MDA	<MDA
SR-152-635	Batch 40 Clean Stockpile	4	5.92E-01	1.56E-01	<MDA	<MDA
SR-152-636	Batch 40 Clean Stockpile	5	4.24E-01	1.36E-01	<MDA	<MDA
SR-152-637	Batch 40 Clean Stockpile	6	5.23E-01	1.47E-01	<MDA	<MDA
SR-152-638	Batch 40 Clean Stockpile	7	5.41E-01	1.88E-01	<MDA	<MDA
SR-152-639	Batch 40 Clean Stockpile	8	3.17E-01	1.14E-01	<MDA	<MDA
SR-152-640	Batch 40 Clean Stockpile	9	4.11E-01	1.34E-01	<MDA	<MDA
SR-152-641	Batch 40 Clean Stockpile	10	4.19E-01	1.30E-01	<MDA	<MDA
SR-152-642	Batch 40 Clean Stockpile	11	3.57E-01	1.13E-01	<MDA	<MDA
SR-152-643	Batch 40 Clean Stockpile	12	5.29E-01	1.42E-01	<MDA	<MDA
SR-152-644	Batch 40 Clean Stockpile	13	6.06E-01	1.70E-01	<MDA	<MDA
SR-152-645	Batch 40 Clean Stockpile	14	4.67E-01	1.40E-01	<MDA	<MDA
SR-152-646	Batch 40 Clean Stockpile	15	5.76E-01	1.65E-01	<MDA	<MDA
SR-152-647	Batch 40 Clean Stockpile	16	4.20E-01	1.29E-01	<MDA	<MDA
SR-152-648	Batch 41 Clean Stockpile	1	3.77E-01	1.38E-01	<MDA	<MDA
SR-152-649	Batch 41 Clean Stockpile	2	5.24E-01	1.43E-01	<MDA	<MDA
SR-152-650	Batch 41 Clean Stockpile	3	5.26E-01	1.59E-01	<MDA	<MDA
SR-152-651	Batch 41 Clean Stockpile	4	5.59E-01	1.53E-01	<MDA	<MDA
SR-152-652	Batch 41 Clean Stockpile	5	4.04E-01	1.33E-01	<MDA	<MDA
SR-152-653	Batch 41 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-654	Batch 41 Clean Stockpile	7	2.77E-01	1.11E-01	<MDA	<MDA
SR-152-655	Batch 41 Clean Stockpile	8	4.09E-01	1.54E-01	<MDA	<MDA
SR-152-656	Batch 41 Clean Stockpile	9	2.36E-01	1.03E-01	<MDA	<MDA
SR-152-657	Batch 41 Clean Stockpile	10	3.50E-01	1.32E-01	<MDA	<MDA
SR-152-658	Batch 41 Clean Stockpile	11	3.38E-01	1.26E-01	<MDA	<MDA
SR-152-659	Batch 41 Clean Stockpile	12	3.36E-01	1.16E-01	<MDA	<MDA
SR-152-660	Batch 41 Clean Stockpile	13	3.47E-01	1.23E-01	<MDA	<MDA
SR-152-661	Batch 41 Clean Stockpile	14	3.27E-01	1.18E-01	<MDA	<MDA
SR-152-662	Batch 41 Clean Stockpile	15	3.54E-01	1.25E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-663	Batch 41 Clean Stockpile	16	3.40E-01	1.17E-01	<MDA	<MDA
SR-152-664	Batch 42 Clean Stockpile	1	4.95E-01	1.57E-01	<MDA	<MDA
SR-152-665	Batch 42 Clean Stockpile	2	4.13E-01	1.31E-01	<MDA	<MDA
SR-152-666	Batch 42 Clean Stockpile	3	4.95E-01	1.57E-01	<MDA	<MDA
SR-152-667	Batch 42 Clean Stockpile	4	4.44E-01	1.39E-01	<MDA	<MDA
SR-152-668	Batch 42 Clean Stockpile	5	2.58E-01	1.13E-01	<MDA	<MDA
SR-152-669	Batch 42 Clean Stockpile	6	4.22E-01	1.31E-01	<MDA	<MDA
SR-152-670	Batch 42 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-671	Batch 42 Clean Stockpile	8	4.17E-01	1.34E-01	<MDA	<MDA
SR-152-672	Batch 42 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-673	Batch 42 Clean Stockpile	10	3.08E-01	1.13E-01	<MDA	<MDA
SR-152-674	Batch 42 Clean Stockpile	11	3.26E-01	1.23E-01	<MDA	<MDA
SR-152-675	Batch 42 Clean Stockpile	12	4.65E-01	1.32E-01	<MDA	<MDA
SR-152-676	Batch 42 Clean Stockpile	13	5.59E-01	1.71E-01	<MDA	<MDA
SR-152-677	Batch 42 Clean Stockpile	14	2.16E-01	9.21E-02	<MDA	<MDA
SR-152-678	Batch 42 Clean Stockpile	15	3.62E-01	1.30E-01	<MDA	<MDA
SR-152-679	Batch 42 Clean Stockpile	16	3.94E-01	1.28E-01	<MDA	<MDA
SR-152-680	Batch 43 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-681	Batch 43 Clean Stockpile	2	3.21E-01	1.14E-01	<MDA	<MDA
SR-152-682	Batch 43 Clean Stockpile	3	3.26E-01	1.21E-01	<MDA	<MDA
SR-152-683	Batch 43 Clean Stockpile	4	5.28E-01	1.67E-01	<MDA	<MDA
SR-152-684	Batch 43 Clean Stockpile	5	4.67E-01	1.43E-01	<MDA	<MDA
SR-152-685	Batch 43 Clean Stockpile	6	5.34E-01	1.49E-01	<MDA	<MDA
SR-152-686	Batch 43 Clean Stockpile	7	2.90E-01	1.32E-01	<MDA	<MDA
SR-152-687	Batch 43 Clean Stockpile	8	4.38E-01	1.39E-01	<MDA	<MDA
SR-152-688	Batch 43 Clean Stockpile	9	3.70E-01	1.36E-01	<MDA	<MDA
SR-152-689	Batch 43 Clean Stockpile	10	3.62E-01	1.18E-01	<MDA	<MDA
SR-152-690	Batch 43 Clean Stockpile	11	3.87E-01	1.30E-01	<MDA	<MDA
SR-152-691	Batch 43 Clean Stockpile	12	3.02E-01	1.12E-01	<MDA	<MDA
SR-152-692	Batch 43 Clean Stockpile	13	3.25E-01	1.21E-01	<MDA	<MDA
SR-152-693	Batch 43 Clean Stockpile	14	4.09E-01	1.28E-01	<MDA	<MDA
SR-152-694	Batch 43 Clean Stockpile	15	4.14E-01	1.36E-01	<MDA	<MDA
SR-152-695	Batch 43 Clean Stockpile	16	3.88E-01	1.60E-01	<MDA	<MDA
SR-152-696	Batch 44 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-697	Batch 44 Clean Stockpile	2	3.48E-01	1.27E-01	<MDA	<MDA
SR-152-698	Batch 44 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-699	Batch 44 Clean Stockpile	4	5.61E-01	1.51E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-700	Batch 44 Clean Stockpile	5	3.09E-01	1.51E-01	<MDA	<MDA
SR-152-701	Batch 44 Clean Stockpile	6	3.93E-01	1.35E-01	<MDA	<MDA
SR-152-702	Batch 44 Clean Stockpile	7	2.51E-01	1.03E-01	<MDA	<MDA
SR-152-703	Batch 44 Clean Stockpile	8	2.81E-01	9.00E-02	<MDA	<MDA
SR-152-704	Batch 44 Clean Stockpile	9	3.88E-01	1.34E-01	<MDA	<MDA
SR-152-705	Batch 44 Clean Stockpile	10	2.81E-01	1.05E-01	<MDA	<MDA
SR-152-706	Batch 44 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-707	Batch 44 Clean Stockpile	12	4.09E-01	1.31E-01	<MDA	<MDA
SR-152-708	Batch 44 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-709	Batch 44 Clean Stockpile	14	4.02E-01	1.25E-01	<MDA	<MDA
SR-152-710	Batch 44 Clean Stockpile	15	3.76E-01	1.28E-01	<MDA	<MDA
SR-152-711	Batch 44 Clean Stockpile	16	3.86E-01	1.19E-01	<MDA	<MDA
SR-152-712	Batch 45 Clean Stockpile	1	5.60E-01	1.59E-01	<MDA	<MDA
SR-152-713	Batch 45 Clean Stockpile	2	5.38E-01	1.48E-01	<MDA	<MDA
SR-152-714	Batch 45 Clean Stockpile	3	2.85E-01	8.62E-02	<MDA	<MDA
SR-152-715	Batch 45 Clean Stockpile	4	3.59E-01	1.27E-01	<MDA	<MDA
SR-152-716	Batch 45 Clean Stockpile	5	3.35E-01	1.25E-01	<MDA	<MDA
SR-152-717	Batch 45 Clean Stockpile	6	3.35E-01	1.22E-01	<MDA	<MDA
SR-152-718	Batch 45 Clean Stockpile	7	3.77E-01	1.32E-01	<MDA	<MDA
SR-152-719	Batch 45 Clean Stockpile	8	3.87E-01	1.37E-01	<MDA	<MDA
SR-152-720	Batch 45 Clean Stockpile	9	3.25E-01	1.19E-01	<MDA	<MDA
SR-152-721	Batch 45 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-722	Batch 45 Clean Stockpile	11	2.05E-01	9.66E-02	<MDA	<MDA
SR-152-723	Batch 45 Clean Stockpile	12	3.71E-01	1.34E-01	<MDA	<MDA
SR-152-724	Batch 45 Clean Stockpile	13	3.73E-01	1.32E-01	<MDA	<MDA
SR-152-725	Batch 45 Clean Stockpile	14	3.17E-01	1.20E-01	<MDA	<MDA
SR-152-726	Batch 45 Clean Stockpile	15	3.51E-01	1.23E-01	<MDA	<MDA
SR-152-727	Batch 45 Clean Stockpile	16	4.27E-01	1.43E-01	<MDA	<MDA
SR-152-728	Batch 46 Clean Stockpile	1	3.11E-01	1.44E-01	<MDA	<MDA
SR-152-729	Batch 46 Clean Stockpile	2	3.20E-01	1.17E-01	<MDA	<MDA
SR-152-730	Batch 46 Clean Stockpile	3	3.65E-01	1.25E-01	<MDA	<MDA
SR-152-731	Batch 46 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-732	Batch 46 Clean Stockpile	5	3.12E-01	1.20E-01	<MDA	<MDA
SR-152-733	Batch 46 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-734	Batch 46 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-735	Batch 46 Clean Stockpile	8	2.93E-01	1.15E-01	<MDA	<MDA
SR-152-736	Batch 46 Clean Stockpile	9	4.20E-01	1.59E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-737	Batch 46 Clean Stockpile	10	5.15E-01	1.54E-01	<MDA	<MDA
SR-152-738	Batch 46 Clean Stockpile	11	4.52E-01	1.34E-01	<MDA	<MDA
SR-152-739	Batch 46 Clean Stockpile	12	4.99E-01	1.53E-01	<MDA	<MDA
SR-152-740	Batch 46 Clean Stockpile	13	4.51E-01	1.45E-01	<MDA	<MDA
SR-152-741	Batch 46 Clean Stockpile	14	4.07E-01	1.38E-01	<MDA	<MDA
SR-152-742	Batch 46 Clean Stockpile	15	4.36E-01	1.40E-01	<MDA	<MDA
SR-152-743	Batch 46 Clean Stockpile	16	4.73E-01	1.40E-01	<MDA	<MDA
SR-152-744	Batch 47 Clean Stockpile	1	5.90E-01	1.60E-01	<MDA	<MDA
SR-152-745	Batch 47 Clean Stockpile	2	5.08E-01	1.07E-01	<MDA	<MDA
SR-152-746	Batch 47 Clean Stockpile	3	4.58E-01	1.37E-01	<MDA	<MDA
SR-152-747	Batch 47 Clean Stockpile	4	4.90E-01	1.50E-01	<MDA	<MDA
SR-152-748	Batch 47 Clean Stockpile	5	2.95E-01	1.14E-01	<MDA	<MDA
SR-152-749	Batch 47 Clean Stockpile	6	4.18E-01	1.41E-01	<MDA	<MDA
SR-152-750	Batch 47 Clean Stockpile	7	3.50E-01	1.50E-01	<MDA	<MDA
SR-152-751	Batch 47 Clean Stockpile	8	4.14E-01	1.28E-01	<MDA	<MDA
SR-152-752	Batch 47 Clean Stockpile	9	6.61E-01	1.64E-01	<MDA	<MDA
SR-152-753	Batch 47 Clean Stockpile	10	2.96E-01	1.07E-01	<MDA	<MDA
SR-152-754	Batch 47 Clean Stockpile	11	3.63E-01	1.29E-01	<MDA	<MDA
SR-152-755	Batch 47 Clean Stockpile	12	4.65E-01	1.47E-01	<MDA	<MDA
SR-152-756	Batch 47 Clean Stockpile	13	4.65E-01	1.49E-01	<MDA	<MDA
SR-152-757	Batch 47 Clean Stockpile	14	2.64E-01	1.02E-01	<MDA	<MDA
SR-152-758	Batch 47 Clean Stockpile	15	2.82E-01	1.30E-01	<MDA	<MDA
SR-152-759	Batch 47 Clean Stockpile	16	4.14E-01	1.56E-01	<MDA	<MDA
SR-152-760	Batch 48 Clean Stockpile	1	6.74E-01	1.77E-01	<MDA	<MDA
SR-152-761	Batch 48 Clean Stockpile	2	3.38E-01	1.20E-01	<MDA	<MDA
SR-152-762	Batch 48 Clean Stockpile	3	3.84E-01	1.30E-01	<MDA	<MDA
SR-152-763	Batch 48 Clean Stockpile	4	4.83E-01	1.43E-01	<MDA	<MDA
SR-152-764	Batch 48 Clean Stockpile	5	3.42E-01	1.27E-01	<MDA	<MDA
SR-152-765	Batch 48 Clean Stockpile	6	3.56E-01	1.17E-01	<MDA	<MDA
SR-152-766	Batch 48 Clean Stockpile	7	3.78E-01	1.45E-01	<MDA	<MDA
SR-152-767	Batch 48 Clean Stockpile	8	4.57E-01	1.37E-01	<MDA	<MDA
SR-152-768	Batch 48 Clean Stockpile	9	3.68E-01	1.37E-01	<MDA	<MDA
SR-152-769	Batch 48 Clean Stockpile	10	4.44E-01	1.36E-01	<MDA	<MDA
SR-152-770	Batch 48 Clean Stockpile	11	3.98E-01	1.31E-01	<MDA	<MDA
SR-152-771	Batch 48 Clean Stockpile	12	4.03E-01	1.47E-01	<MDA	<MDA
SR-152-772	Batch 48 Clean Stockpile	13	3.94E-01	1.33E-01	<MDA	<MDA
SR-152-773	Batch 48 Clean Stockpile	14	4.78E-01	1.37E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-774	Batch 48 Clean Stockpile	15	6.26E-01	1.80E-01	<MDA	<MDA
SR-152-775	Batch 48 Clean Stockpile	16	4.84E-01	1.40E-01	<MDA	<MDA
SR-152-776	Batch 49 Clean Stockpile	1	3.75E-01	1.21E-01	<MDA	<MDA
SR-152-777	Batch 49 Clean Stockpile	2	4.01E-01	1.32E-01	<MDA	<MDA
SR-152-778	Batch 49 Clean Stockpile	3	3.46E-01	1.25E-01	<MDA	<MDA
SR-152-779	Batch 49 Clean Stockpile	4	4.61E-01	1.45E-01	<MDA	<MDA
SR-152-780	Batch 49 Clean Stockpile	5	3.26E-01	1.19E-01	<MDA	<MDA
SR-152-781	Batch 49 Clean Stockpile	6	2.77E-01	1.09E-01	<MDA	<MDA
SR-152-782	Batch 49 Clean Stockpile	7	3.67E-01	1.25E-01	<MDA	<MDA
SR-152-783	Batch 49 Clean Stockpile	8	3.53E-01	1.29E-01	<MDA	<MDA
SR-152-784	Batch 49 Clean Stockpile	9	5.54E-01	1.60E-01	<MDA	<MDA
SR-152-785	Batch 49 Clean Stockpile	10	3.59E-01	1.20E-01	<MDA	<MDA
SR-152-786	Batch 49 Clean Stockpile	11	3.56E-01	1.30E-01	<MDA	<MDA
SR-152-787	Batch 49 Clean Stockpile	12	3.44E-01	1.20E-01	<MDA	<MDA
SR-152-788	Batch 49 Clean Stockpile	13	5.64E-01	1.60E-01	<MDA	<MDA
SR-152-789	Batch 49 Clean Stockpile	14	3.18E-01	1.17E-01	<MDA	<MDA
SR-152-790	Batch 49 Clean Stockpile	15	3.58E-01	1.21E-01	<MDA	<MDA
SR-152-791	Batch 49 Clean Stockpile	16	3.57E-01	1.29E-01	<MDA	<MDA
SR-152-792	Batch 50 Clean Stockpile	1	4.89E-01	1.81E-01	<MDA	<MDA
SR-152-793	Batch 50 Clean Stockpile	2	5.13E-01	1.79E-01	<MDA	<MDA
SR-152-794	Batch 50 Clean Stockpile	3	4.12E-01	1.38E-01	<MDA	<MDA
SR-152-795	Batch 50 Clean Stockpile	4	3.03E-01	1.17E-01	<MDA	<MDA
SR-152-796	Batch 50 Clean Stockpile	5	4.05E-01	1.39E-01	<MDA	<MDA
SR-152-797	Batch 50 Clean Stockpile	6	4.37E-01	1.37E-01	<MDA	<MDA
SR-152-798	Batch 50 Clean Stockpile	7	3.19E-01	1.19E-01	<MDA	<MDA
SR-152-799	Batch 50 Clean Stockpile	8	4.28E-01	1.41E-01	<MDA	<MDA
SR-152-800	Batch 50 Clean Stockpile	9	3.08E-01	1.19E-01	<MDA	<MDA
SR-152-801	Batch 50 Clean Stockpile	10	3.40E-01	1.15E-01	<MDA	<MDA
SR-152-802	Batch 50 Clean Stockpile	11	2.54E-01	1.11E-01	<MDA	<MDA
SR-152-803	Batch 50 Clean Stockpile	12	3.75E-01	1.21E-01	<MDA	<MDA
SR-152-804	Batch 50 Clean Stockpile	13	3.74E-01	1.31E-01	<MDA	<MDA
SR-152-805	Batch 50 Clean Stockpile	14	4.43E-01	1.44E-01	<MDA	<MDA
SR-152-806	Batch 50 Clean Stockpile	15	4.07E-01	1.36E-01	<MDA	<MDA
SR-152-807	Batch 50 Clean Stockpile	16	3.85E-01	1.35E-01	<MDA	<MDA
SR-152-808	Batch 51 Clean Stockpile	1	2.80E-01	1.27E-01	<MDA	<MDA
SR-152-809	Batch 51 Clean Stockpile	2	4.14E-01	1.30E-01	<MDA	<MDA
SR-152-810	Batch 51 Clean Stockpile	3	2.88E-01	1.11E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-811	Batch 51 Clean Stockpile	4	4.50E-01	1.33E-01	<MDA	<MDA
SR-152-812	Batch 51 Clean Stockpile	5	4.98E-01	1.54E-01	<MDA	<MDA
SR-152-813	Batch 51 Clean Stockpile	6	4.41E-01	1.32E-01	<MDA	<MDA
SR-152-814	Batch 51 Clean Stockpile	7	3.41E-01	1.28E-01	<MDA	<MDA
SR-152-815	Batch 51 Clean Stockpile	8	3.48E-01	1.23E-01	<MDA	<MDA
SR-152-816	Batch 51 Clean Stockpile	9	3.29E-01	1.20E-01	<MDA	<MDA
SR-152-817	Batch 51 Clean Stockpile	10	3.76E-01	1.29E-01	<MDA	<MDA
SR-152-818	Batch 51 Clean Stockpile	11	4.04E-01	1.31E-01	<MDA	<MDA
SR-152-819	Batch 51 Clean Stockpile	12	4.31E-01	1.53E-01	<MDA	<MDA
SR-152-820	Batch 51 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-821	Batch 51 Clean Stockpile	14	3.58E-01	1.21E-01	<MDA	<MDA
SR-152-822	Batch 51 Clean Stockpile	15	3.67E-01	1.14E-01	<MDA	<MDA
SR-152-823	Batch 51 Clean Stockpile	16	3.37E-01	1.16E-01	<MDA	<MDA
SR-152-824	Batch 52 Clean Stockpile	1	4.18E-01	1.56E-01	<MDA	<MDA
SR-152-825	Batch 52 Clean Stockpile	2	4.06E-01	1.30E-01	<MDA	<MDA
SR-152-826	Batch 52 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-827	Batch 52 Clean Stockpile	4	3.36E-01	1.23E-01	<MDA	<MDA
SR-152-828	Batch 52 Clean Stockpile	5	4.51E-01	1.49E-01	<MDA	<MDA
SR-152-829	Batch 52 Clean Stockpile	6	3.52E-01	1.47E-01	<MDA	<MDA
SR-152-830	Batch 52 Clean Stockpile	7	3.95E-01	1.42E-01	<MDA	<MDA
SR-152-831	Batch 52 Clean Stockpile	8	3.31E-01	1.23E-01	<MDA	<MDA
SR-152-832	Batch 52 Clean Stockpile	9	3.54E-01	1.30E-01	<MDA	<MDA
SR-152-833	Batch 52 Clean Stockpile	10	3.71E-01	1.30E-01	<MDA	<MDA
SR-152-834	Batch 52 Clean Stockpile	11	2.65E-01	1.11E-01	<MDA	<MDA
SR-152-835	Batch 52 Clean Stockpile	12	3.06E-01	1.20E-01	<MDA	<MDA
SR-152-836	Batch 52 Clean Stockpile	13	4.57E-01	1.49E-01	<MDA	<MDA
SR-152-837	Batch 52 Clean Stockpile	14	4.53E-01	1.42E-01	<MDA	<MDA
SR-152-838	Batch 52 Clean Stockpile	15	4.61E-01	1.45E-01	<MDA	<MDA
SR-152-839	Batch 52 Clean Stockpile	16	3.70E-01	1.33E-01	<MDA	<MDA
SR-152-840	Batch 53 Clean Stockpile	1	3.58E-01	1.29E-01	<MDA	<MDA
SR-152-841	Batch 53 Clean Stockpile	2	3.45E-01	1.51E-01	<MDA	<MDA
SR-152-842	Batch 53 Clean Stockpile	3	3.19E-01	1.19E-01	<MDA	<MDA
SR-152-843	Batch 53 Clean Stockpile	4	2.89E-01	1.33E-01	<MDA	<MDA
SR-152-844	Batch 53 Clean Stockpile	5	3.64E-01	1.52E-01	<MDA	<MDA
SR-152-845	Batch 53 Clean Stockpile	6	2.50E-01	1.04E-01	<MDA	<MDA
SR-152-846	Batch 53 Clean Stockpile	7	3.94E-01	1.32E-01	<MDA	<MDA
SR-152-847	Batch 53 Clean Stockpile	8	3.36E-01	1.27E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-848	Batch 53 Clean Stockpile	9	3.19E-01	1.19E-01	<MDA	<MDA
SR-152-849	Batch 53 Clean Stockpile	10	4.70E-01	1.63E-01	<MDA	<MDA
SR-152-850	Batch 53 Clean Stockpile	11	3.07E-01	1.21E-01	<MDA	<MDA
SR-152-851	Batch 53 Clean Stockpile	12	3.36E-01	1.49E-01	<MDA	<MDA
SR-152-852	Batch 53 Clean Stockpile	13	4.53E-01	1.44E-01	<MDA	<MDA
SR-152-853	Batch 53 Clean Stockpile	14	4.72E-01	1.52E-01	<MDA	<MDA
SR-152-854	Batch 53 Clean Stockpile	15	4.17E-01	1.38E-01	<MDA	<MDA
SR-152-855	Batch 53 Clean Stockpile	16	3.98E-01	1.33E-01	<MDA	<MDA
SR-152-856	Batch 54 Clean Stockpile	1	3.39E-01	1.22E-01	<MDA	<MDA
SR-152-857	Batch 54 Clean Stockpile	2	4.08E-01	1.36E-01	<MDA	<MDA
SR-152-858	Batch 54 Clean Stockpile	3	2.19E-01	9.83E-02	<MDA	<MDA
SR-152-859	Batch 54 Clean Stockpile	4	4.19E-01	1.33E-01	<MDA	<MDA
SR-152-860	Batch 54 Clean Stockpile	5	3.96E-01	1.63E-01	<MDA	<MDA
SR-152-861	Batch 54 Clean Stockpile	6	2.81E-01	1.28E-01	<MDA	<MDA
SR-152-862	Batch 54 Clean Stockpile	7	4.27E-01	1.43E-01	<MDA	<MDA
SR-152-863	Batch 54 Clean Stockpile	8	3.18E-01	1.16E-01	<MDA	<MDA
SR-152-864	Batch 54 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-865	Batch 54 Clean Stockpile	10	3.39E-01	1.18E-01	<MDA	<MDA
SR-152-866	Batch 54 Clean Stockpile	11	3.45E-01	1.22E-01	<MDA	<MDA
SR-152-867	Batch 54 Clean Stockpile	12	4.92E-01	1.51E-01	<MDA	<MDA
SR-152-868	Batch 54 Clean Stockpile	13	2.56E-01	1.09E-01	<MDA	<MDA
SR-152-869	Batch 54 Clean Stockpile	14	4.62E-01	1.45E-01	<MDA	<MDA
SR-152-870	Batch 54 Clean Stockpile	15	3.65E-01	1.27E-01	<MDA	<MDA
SR-152-871	Batch 54 Clean Stockpile	16	3.96E-01	1.34E-01	<MDA	<MDA
SR-152-872	Batch 55 Clean Stockpile	1	4.21E-01	1.43E-01	<MDA	<MDA
SR-152-873	Batch 55 Clean Stockpile	2	3.82E-01	1.32E-01	<MDA	<MDA
SR-152-874	Batch 55 Clean Stockpile	3	3.85E-01	1.33E-01	<MDA	<MDA
SR-152-875	Batch 55 Clean Stockpile	4	3.19E-01	1.23E-01	<MDA	<MDA
SR-152-876	Batch 55 Clean Stockpile	5	3.86E-01	1.29E-01	<MDA	<MDA
SR-152-877	Batch 55 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-878	Batch 55 Clean Stockpile	7	3.83E-01	1.30E-01	<MDA	<MDA
SR-152-879	Batch 55 Clean Stockpile	8	4.78E-01	1.48E-01	<MDA	<MDA
SR-152-880	Batch 55 Clean Stockpile	9	3.05E-01	1.14E-01	<MDA	<MDA
SR-152-881	Batch 55 Clean Stockpile	10	3.69E-01	1.20E-01	<MDA	<MDA
SR-152-882	Batch 55 Clean Stockpile	11	3.31E-01	1.23E-01	<MDA	<MDA
SR-152-883	Batch 55 Clean Stockpile	12	2.70E-01	1.10E-01	<MDA	<MDA
SR-152-884	Batch 55 Clean Stockpile	13	2.38E-01	1.02E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-885	Batch 55 Clean Stockpile	14	3.13E-01	1.11E-01	<MDA	<MDA
SR-152-886	Batch 55 Clean Stockpile	15	4.94E-01	1.50E-01	<MDA	<MDA
SR-152-887	Batch 55 Clean Stockpile	16	4.00E-01	1.34E-01	<MDA	<MDA
SR-152-888	Batch 56 Clean Stockpile	1	3.30E-01	8.57E-02	<MDA	<MDA
SR-152-889	Batch 56 Clean Stockpile	2	4.38E-01	1.44E-01	<MDA	<MDA
SR-152-890	Batch 56 Clean Stockpile	3	4.06E-01	1.38E-01	<MDA	<MDA
SR-152-891	Batch 56 Clean Stockpile	4	2.69E-01	1.12E-01	<MDA	<MDA
SR-152-892	Batch 56 Clean Stockpile	5	2.40E-01	1.02E-01	<MDA	<MDA
SR-152-893	Batch 56 Clean Stockpile	6	5.86E-01	1.70E-01	<MDA	<MDA
SR-152-894	Batch 56 Clean Stockpile	7	2.88E-01	1.13E-01	<MDA	<MDA
SR-152-895	Batch 56 Clean Stockpile	8	5.13E-01	1.61E-01	<MDA	<MDA
SR-152-896	Batch 56 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-897	Batch 56 Clean Stockpile	10	4.18E-01	1.57E-01	<MDA	<MDA
SR-152-898	Batch 56 Clean Stockpile	11	5.70E-01	1.64E-01	<MDA	<MDA
SR-152-899	Batch 56 Clean Stockpile	12	6.75E-01	1.83E-01	<MDA	<MDA
SR-152-900	Batch 56 Clean Stockpile	13	4.98E-01	1.79E-01	<MDA	<MDA
SR-152-901	Batch 56 Clean Stockpile	14	6.89E-01	1.79E-01	<MDA	<MDA
SR-152-902	Batch 56 Clean Stockpile	15	5.88E-01	1.65E-01	<MDA	<MDA
SR-152-903	Batch 56 Clean Stockpile	16	5.44E-01	1.56E-01	<MDA	<MDA
SR-152-904	Batch 57 Clean Stockpile	1	4.58E-01	1.44E-01	<MDA	<MDA
SR-152-905	Batch 57 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-906	Batch 57 Clean Stockpile	3	6.54E-01	1.68E-01	<MDA	<MDA
SR-152-907	Batch 57 Clean Stockpile	4	9.11E-01	2.07E-01	<MDA	<MDA
SR-152-908	Batch 57 Clean Stockpile	5	4.50E-01	1.53E-01	<MDA	<MDA
SR-152-909	Batch 57 Clean Stockpile	6	3.91E-01	1.31E-01	<MDA	<MDA
SR-152-910	Batch 57 Clean Stockpile	7	3.78E-01	1.60E-01	<MDA	<MDA
SR-152-911	Batch 57 Clean Stockpile	8	4.48E-01	1.42E-01	<MDA	<MDA
SR-152-912	Batch 57 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-913	Batch 57 Clean Stockpile	10	3.82E-01	1.30E-01	<MDA	<MDA
SR-152-914	Batch 57 Clean Stockpile	11	4.80E-01	1.49E-01	<MDA	<MDA
SR-152-915	Batch 57 Clean Stockpile	12	4.76E-01	1.46E-01	<MDA	<MDA
SR-152-916	Batch 57 Clean Stockpile	13	5.08E-01	1.54E-01	<MDA	<MDA
SR-152-917	Batch 57 Clean Stockpile	14	5.13E-01	1.57E-01	<MDA	<MDA
SR-152-918	Batch 57 Clean Stockpile	15	3.89E-01	1.03E-01	<MDA	<MDA
SR-152-919	Batch 57 Clean Stockpile	16	5.90E-01	1.63E-01	<MDA	<MDA
SR-152-920	Batch 58 Clean Stockpile	1	6.01E-01	1.61E-01	<MDA	<MDA
SR-152-921	Batch 58 Clean Stockpile	2	6.14E-01	1.68E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-922	Batch 58 Clean Stockpile	3	2.02E-01	9.03E-02	<MDA	<MDA
SR-152-923	Batch 58 Clean Stockpile	4	4.89E-01	1.42E-01	<MDA	<MDA
SR-152-924	Batch 58 Clean Stockpile	5	4.86E-01	1.66E-01	<MDA	<MDA
SR-152-925	Batch 58 Clean Stockpile	6	2.81E-01	1.30E-01	<MDA	<MDA
SR-152-926	Batch 58 Clean Stockpile	7	4.86E-01	1.44E-01	<MDA	<MDA
SR-152-927	Batch 58 Clean Stockpile	8	5.06E-01	1.57E-01	<MDA	<MDA
SR-152-928	Batch 58 Clean Stockpile	9	4.11E-01	1.37E-01	<MDA	<MDA
SR-152-929	Batch 58 Clean Stockpile	10	3.79E-01	1.50E-01	<MDA	<MDA
SR-152-930	Batch 58 Clean Stockpile	11	4.01E-01	1.38E-01	<MDA	<MDA
SR-152-931	Batch 58 Clean Stockpile	12	4.95E-01	1.73E-01	<MDA	<MDA
SR-152-932	Batch 58 Clean Stockpile	13	5.28E-01	1.55E-01	<MDA	<MDA
SR-152-933	Batch 58 Clean Stockpile	14	5.66E-01	1.78E-01	<MDA	<MDA
SR-152-934	Batch 58 Clean Stockpile	15	4.00E-01	1.64E-01	<MDA	<MDA
SR-152-935	Batch 58 Clean Stockpile	16	4.55E-01	1.44E-01	<MDA	<MDA
SR-152-936	Batch 59 Clean Stockpile	1	4.97E-01	1.58E-01	<MDA	<MDA
SR-152-937	Batch 59 Clean Stockpile	2	5.06E-01	1.59E-01	<MDA	<MDA
SR-152-938	Batch 59 Clean Stockpile	3	5.17E-01	1.53E-01	<MDA	<MDA
SR-152-939	Batch 59 Clean Stockpile	4	4.82E-01	1.44E-01	<MDA	<MDA
SR-152-940	Batch 59 Clean Stockpile	5	3.52E-01	1.29E-01	<MDA	<MDA
SR-152-941	Batch 59 Clean Stockpile	6	4.56E-01	1.45E-01	<MDA	<MDA
SR-152-942	Batch 59 Clean Stockpile	7	4.86E-01	1.51E-01	<MDA	<MDA
SR-152-943	Batch 59 Clean Stockpile	8	6.41E-01	1.77E-01	<MDA	<MDA
SR-152-944	Batch 59 Clean Stockpile	9	4.94E-01	1.60E-01	<MDA	<MDA
SR-152-945	Batch 59 Clean Stockpile	10	5.26E-01	1.57E-01	<MDA	<MDA
SR-152-946	Batch 59 Clean Stockpile	11	6.06E-01	1.66E-01	<MDA	<MDA
SR-152-947	Batch 59 Clean Stockpile	12	5.58E-01	1.62E-01	<MDA	<MDA
SR-152-948	Batch 59 Clean Stockpile	13	4.87E-01	1.53E-01	<MDA	<MDA
SR-152-949	Batch 59 Clean Stockpile	14	4.71E-01	1.48E-01	<MDA	<MDA
SR-152-950	Batch 59 Clean Stockpile	15	2.56E-01	1.03E-01	<MDA	<MDA
SR-152-951	Batch 59 Clean Stockpile	16	3.89E-01	1.30E-01	<MDA	<MDA
SR-152-952	Batch 60 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-953	Batch 60 Clean Stockpile	2	3.97E-01	1.33E-01	<MDA	<MDA
SR-152-954	Batch 60 Clean Stockpile	3	4.61E-01	1.43E-01	<MDA	<MDA
SR-152-955	Batch 60 Clean Stockpile	4	5.51E-01	1.75E-01	<MDA	<MDA
SR-152-956	Batch 60 Clean Stockpile	5	7.23E-01	1.83E-01	<MDA	<MDA
SR-152-957	Batch 60 Clean Stockpile	6	5.33E-01	1.61E-01	<MDA	<MDA
SR-152-958	Batch 60 Clean Stockpile	7	4.79E-01	1.52E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-959	Batch 60 Clean Stockpile	8	5.16E-01	1.55E-01	<MDA	<MDA
SR-152-960	Batch 60 Clean Stockpile	9	4.53E-01	1.44E-01	<MDA	<MDA
SR-152-961	Batch 60 Clean Stockpile	10	5.88E-01	1.57E-01	<MDA	<MDA
SR-152-962	Batch 60 Clean Stockpile	11	4.64E-01	1.40E-01	<MDA	<MDA
SR-152-963	Batch 60 Clean Stockpile	12	7.18E-01	1.80E-01	<MDA	<MDA
SR-152-964	Batch 60 Clean Stockpile	13	4.51E-01	1.45E-01	<MDA	<MDA
SR-152-965	Batch 60 Clean Stockpile	14	6.36E-01	1.69E-01	<MDA	<MDA
SR-152-966	Batch 60 Clean Stockpile	15	3.99E-01	1.53E-01	<MDA	<MDA
SR-152-967	Batch 60 Clean Stockpile	16	5.79E-01	1.63E-01	<MDA	<MDA
SR-152-968	Batch 61 Clean Stockpile	1	4.92E-01	1.49E-01	<MDA	<MDA
SR-152-969	Batch 61 Clean Stockpile	2	5.04E-01	2.11E-01	<MDA	<MDA
SR-152-970	Batch 61 Clean Stockpile	3	5.16E-01	1.54E-01	<MDA	<MDA
SR-152-971	Batch 61 Clean Stockpile	4	3.63E-01	1.31E-01	<MDA	<MDA
SR-152-972	Batch 61 Clean Stockpile	5	4.23E-01	1.44E-01	<MDA	<MDA
SR-152-973	Batch 61 Clean Stockpile	6	5.70E-01	1.62E-01	<MDA	<MDA
SR-152-974	Batch 61 Clean Stockpile	7	3.21E-01	1.21E-01	<MDA	<MDA
SR-152-975	Batch 61 Clean Stockpile	8	3.29E-01	1.23E-01	<MDA	<MDA
SR-152-976	Batch 61 Clean Stockpile	9	5.11E-01	1.62E-01	<MDA	<MDA
SR-152-977	Batch 61 Clean Stockpile	10	7.23E-01	1.85E-01	<MDA	<MDA
SR-152-978	Batch 61 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-979	Batch 61 Clean Stockpile	12	6.58E-01	1.89E-01	<MDA	<MDA
SR-152-980	Batch 61 Clean Stockpile	13	3.61E-01	1.28E-01	<MDA	<MDA
SR-152-981	Batch 61 Clean Stockpile	14	6.03E-01	1.84E-01	<MDA	<MDA
SR-152-982	Batch 61 Clean Stockpile	15	6.03E-01	1.70E-01	<MDA	<MDA
SR-152-983	Batch 61 Clean Stockpile	16	6.63E-01	1.77E-01	<MDA	<MDA
SR-152-984	Batch 62 Clean Stockpile	1	5.39E-01	1.56E-01	<MDA	<MDA
SR-152-985	Batch 62 Clean Stockpile	2	4.25E-01	1.38E-01	<MDA	<MDA
SR-152-986	Batch 62 Clean Stockpile	3	7.51E-01	1.85E-01	<MDA	<MDA
SR-152-987	Batch 62 Clean Stockpile	4	5.73E-01	1.81E-01	<MDA	<MDA
SR-152-988	Batch 62 Clean Stockpile	5	6.86E-01	1.83E-01	<MDA	<MDA
SR-152-989	Batch 62 Clean Stockpile	6	6.77E-01	1.76E-01	<MDA	<MDA
SR-152-990	Batch 62 Clean Stockpile	7	4.83E-01	1.55E-01	<MDA	<MDA
SR-152-991	Batch 62 Clean Stockpile	8	5.51E-01	1.56E-01	<MDA	<MDA
SR-152-992	Batch 62 Clean Stockpile	9	5.52E-01	1.60E-01	<MDA	<MDA
SR-152-993	Batch 62 Clean Stockpile	10	7.08E-01	1.85E-01	<MDA	<MDA
SR-152-994	Batch 62 Clean Stockpile	11	4.03E-01	1.41E-01	<MDA	<MDA
SR-152-995	Batch 62 Clean Stockpile	12	5.93E-01	1.65E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-996	Batch 62 Clean Stockpile	13	4.16E-01	1.43E-01	<MDA	<MDA
SR-152-997	Batch 62 Clean Stockpile	14	3.34E-01	1.45E-01	<MDA	<MDA
SR-152-998	Batch 62 Clean Stockpile	15	5.13E-01	1.55E-01	<MDA	<MDA
SR-152-999	Batch 62 Clean Stockpile	16	4.08E-01	1.02E-01	<MDA	<MDA
SR-152-1000	Batch 63 Clean Stockpile	1	4.67E-01	1.43E-01	<MDA	<MDA
SR-152-1001	Batch 63 Clean Stockpile	2	4.44E-01	1.43E-01	<MDA	<MDA
SR-152-1002	Batch 63 Clean Stockpile	3	5.90E-01	1.64E-01	<MDA	<MDA
SR-152-1003	Batch 63 Clean Stockpile	4	5.10E-01	1.51E-01	<MDA	<MDA
SR-152-1004	Batch 63 Clean Stockpile	5	5.65E-01	1.62E-01	<MDA	<MDA
SR-152-1005	Batch 63 Clean Stockpile	6	5.87E-01	1.65E-01	<MDA	<MDA
SR-152-1006	Batch 63 Clean Stockpile	7	5.55E-01	1.82E-01	<MDA	<MDA
SR-152-1007	Batch 63 Clean Stockpile	8	7.20E-01	1.90E-01	<MDA	<MDA
SR-152-1008	Batch 63 Clean Stockpile	9	5.90E-01	1.84E-01	<MDA	<MDA
SR-152-1009	Batch 63 Clean Stockpile	10	7.33E-01	1.90E-01	<MDA	<MDA
SR-152-1010	Batch 63 Clean Stockpile	11	5.49E-01	1.61E-01	<MDA	<MDA
SR-152-1011	Batch 63 Clean Stockpile	12	7.59E-01	1.84E-01	<MDA	<MDA
SR-152-1012	Batch 63 Clean Stockpile	13	4.94E-01	1.51E-01	<MDA	<MDA
SR-152-1013	Batch 63 Clean Stockpile	14	5.76E-01	1.67E-01	<MDA	<MDA
SR-152-1014	Batch 63 Clean Stockpile	15	4.84E-01	1.48E-01	<MDA	<MDA
SR-152-1015	Batch 63 Clean Stockpile	16	6.35E-01	1.74E-01	<MDA	<MDA
SR-152-1016	Batch 64 Clean Stockpile	1	5.07E-01	1.41E-01	<MDA	<MDA
SR-152-1017	Batch 64 Clean Stockpile	2	5.51E-01	1.56E-01	<MDA	<MDA
SR-152-1018	Batch 64 Clean Stockpile	3	4.57E-01	1.31E-01	<MDA	<MDA
SR-152-1019	Batch 64 Clean Stockpile	4	3.06E-01	1.25E-01	<MDA	<MDA
SR-152-1020	Batch 64 Clean Stockpile	5	4.69E-01	1.52E-01	<MDA	<MDA
SR-152-1021	Batch 64 Clean Stockpile	6	5.35E-01	1.45E-01	<MDA	<MDA
SR-152-1022	Batch 64 Clean Stockpile	7	5.17E-01	1.48E-01	<MDA	<MDA
SR-152-1023	Batch 64 Clean Stockpile	8	6.24E-01	1.58E-01	<MDA	<MDA
SR-152-1024	Batch 64 Clean Stockpile	9	4.07E-01	1.26E-01	<MDA	<MDA
SR-152-1025	Batch 64 Clean Stockpile	10	5.19E-01	1.38E-01	<MDA	<MDA
SR-152-1026	Batch 64 Clean Stockpile	11	5.72E-01	1.46E-01	<MDA	<MDA
SR-152-1027	Batch 64 Clean Stockpile	12	6.18E-01	1.58E-01	<MDA	<MDA
SR-152-1028	Batch 64 Clean Stockpile	13	6.34E-01	1.62E-01	<MDA	<MDA
SR-152-1029	Batch 64 Clean Stockpile	14	4.40E-01	1.35E-01	<MDA	<MDA
SR-152-1030	Batch 64 Clean Stockpile	15	5.46E-01	1.63E-01	<MDA	<MDA
SR-152-1031	Batch 64 Clean Stockpile	16	5.01E-01	1.55E-01	<MDA	<MDA
SR-152-1032	Batch 65 Clean Stockpile	1	6.53E-01	1.68E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1033	Batch 65 Clean Stockpile	2	7.02E-01	1.97E-01	<MDA	<MDA
SR-152-1034	Batch 65 Clean Stockpile	3	5.51E-01	1.63E-01	<MDA	<MDA
SR-152-1035	Batch 65 Clean Stockpile	4	6.43E-01	1.71E-01	<MDA	<MDA
SR-152-1036	Batch 65 Clean Stockpile	5	6.53E-01	1.74E-01	<MDA	<MDA
SR-152-1037	Batch 65 Clean Stockpile	6	4.89E-01	1.46E-01	<MDA	<MDA
SR-152-1038	Batch 65 Clean Stockpile	7	4.72E-01	1.45E-01	<MDA	<MDA
SR-152-1039	Batch 65 Clean Stockpile	8	5.27E-01	1.86E-01	<MDA	<MDA
SR-152-1040	Batch 65 Clean Stockpile	9	5.88E-01	1.62E-01	<MDA	<MDA
SR-152-1041	Batch 65 Clean Stockpile	10	4.93E-01	1.48E-01	<MDA	<MDA
SR-152-1042	Batch 65 Clean Stockpile	11	7.42E-01	1.74E-01	<MDA	<MDA
SR-152-1043	Batch 65 Clean Stockpile	12	5.10E-01	1.54E-01	<MDA	<MDA
SR-152-1044	Batch 65 Clean Stockpile	13	1.32E+00	2.42E-01	<MDA	<MDA
SR-152-1045	Batch 65 Clean Stockpile	14	8.53E-01	2.05E-01	<MDA	<MDA
SR-152-1046	Batch 65 Clean Stockpile	15	6.31E-01	1.68E-01	<MDA	<MDA
SR-152-1047	Batch 65 Clean Stockpile	16	6.46E-01	1.75E-01	<MDA	<MDA
SR-152-1048	Batch 66 Clean Stockpile	1	5.57E-01	1.63E-01	<MDA	<MDA
SR-152-1049	Batch 66 Clean Stockpile	2	7.59E-01	1.88E-01	<MDA	<MDA
SR-152-1050	Batch 66 Clean Stockpile	3	4.33E-01	1.36E-01	<MDA	<MDA
SR-152-1051	Batch 66 Clean Stockpile	4	5.50E-01	1.48E-01	<MDA	<MDA
SR-152-1052	Batch 66 Clean Stockpile	5	3.89E-01	1.38E-01	<MDA	<MDA
SR-152-1053	Batch 66 Clean Stockpile	6	6.45E-01	1.81E-01	<MDA	<MDA
SR-152-1054	Batch 66 Clean Stockpile	7	5.60E-01	1.64E-01	<MDA	<MDA
SR-152-1055	Batch 66 Clean Stockpile	8	7.38E-01	1.84E-01	<MDA	<MDA
SR-152-1056	Batch 66 Clean Stockpile	9	6.43E-01	1.67E-01	<MDA	<MDA
SR-152-1057	Batch 66 Clean Stockpile	10	5.63E-01	1.80E-01	<MDA	<MDA
SR-152-1058	Batch 66 Clean Stockpile	11	7.35E-01	1.79E-01	<MDA	<MDA
SR-152-1059	Batch 66 Clean Stockpile	12	5.27E-01	1.60E-01	<MDA	<MDA
SR-152-1060	Batch 66 Clean Stockpile	13	6.26E-01	1.64E-01	<MDA	<MDA
SR-152-1061	Batch 66 Clean Stockpile	14	4.60E-01	1.43E-01	<MDA	<MDA
SR-152-1062	Batch 66 Clean Stockpile	15	6.60E-01	1.74E-01	<MDA	<MDA
SR-152-1063	Batch 66 Clean Stockpile	16	6.07E-01	1.84E-01	<MDA	<MDA
SR-152-1064	Batch 67 Clean Stockpile	1	6.78E-01	1.78E-01	<MDA	<MDA
SR-152-1065	Batch 67 Clean Stockpile	2	4.82E-01	1.43E-01	<MDA	<MDA
SR-152-1066	Batch 67 Clean Stockpile	3	4.50E-01	1.46E-01	<MDA	<MDA
SR-152-1067	Batch 67 Clean Stockpile	4	5.68E-01	1.57E-01	<MDA	<MDA
SR-152-1068	Batch 67 Clean Stockpile	5	4.97E-01	1.47E-01	<MDA	<MDA
SR-152-1069	Batch 67 Clean Stockpile	6	6.27E-01	1.65E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1070	Batch 67 Clean Stockpile	7	8.18E-01	1.85E-01	<MDA	<MDA
SR-152-1071	Batch 67 Clean Stockpile	8	6.30E-01	1.63E-01	<MDA	<MDA
SR-152-1072	Batch 67 Clean Stockpile	9	5.54E-01	1.29E-01	<MDA	<MDA
SR-152-1073	Batch 67 Clean Stockpile	10	6.32E-01	1.65E-01	<MDA	<MDA
SR-152-1074	Batch 67 Clean Stockpile	11	4.34E-01	1.47E-01	<MDA	<MDA
SR-152-1075	Batch 67 Clean Stockpile	12	5.50E-01	1.74E-01	<MDA	<MDA
SR-152-1076	Batch 67 Clean Stockpile	13	6.60E-01	1.77E-01	<MDA	<MDA
SR-152-1077	Batch 67 Clean Stockpile	14	4.86E-01	1.49E-01	<MDA	<MDA
SR-152-1078	Batch 67 Clean Stockpile	15	6.01E-01	1.56E-01	<MDA	<MDA
SR-152-1079	Batch 67 Clean Stockpile	16	4.91E-01	1.45E-01	<MDA	<MDA
SR-152-1080	Batch 68 Clean Stockpile	1	5.63E-01	1.70E-01	<MDA	<MDA
SR-152-1081	Batch 68 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1082	Batch 68 Clean Stockpile	3	3.95E-01	1.45E-01	<MDA	<MDA
SR-152-1083	Batch 68 Clean Stockpile	4	4.65E-01	1.48E-01	<MDA	<MDA
SR-152-1084	Batch 68 Clean Stockpile	5	6.48E-01	1.73E-01	<MDA	<MDA
SR-152-1085	Batch 68 Clean Stockpile	6	5.45E-01	1.53E-01	<MDA	<MDA
SR-152-1086	Batch 68 Clean Stockpile	7	5.20E-01	1.49E-01	<MDA	<MDA
SR-152-1087	Batch 68 Clean Stockpile	8	1.07E+00	2.17E-01	<MDA	<MDA
SR-152-1088	Batch 68 Clean Stockpile	9	6.34E-01	1.61E-01	<MDA	<MDA
SR-152-1089	Batch 68 Clean Stockpile	10	4.60E-01	1.38E-01	<MDA	<MDA
SR-152-1090	Batch 68 Clean Stockpile	11	4.45E-01	1.43E-01	<MDA	<MDA
SR-152-1091	Batch 68 Clean Stockpile	12	6.13E-01	1.58E-01	<MDA	<MDA
SR-152-1092	Batch 68 Clean Stockpile	13	4.66E-01	1.44E-01	<MDA	<MDA
SR-152-1093	Batch 68 Clean Stockpile	14	5.56E-01	1.61E-01	<MDA	<MDA
SR-152-1094	Batch 68 Clean Stockpile	15	3.52E-01	1.33E-01	<MDA	<MDA
SR-152-1095	Batch 68 Clean Stockpile	16	4.19E-01	1.33E-01	<MDA	<MDA
SR-152-1096	Batch 69 Clean Stockpile	1	3.23E-01	1.20E-01	<MDA	<MDA
SR-152-1097	Batch 69 Clean Stockpile	2	2.77E-01	1.21E-01	<MDA	<MDA
SR-152-1098	Batch 69 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1099	Batch 69 Clean Stockpile	4	5.44E-01	1.52E-01	<MDA	<MDA
SR-152-1100	Batch 69 Clean Stockpile	5	3.55E-01	1.36E-01	<MDA	<MDA
SR-152-1101	Batch 69 Clean Stockpile	6	3.90E-01	1.27E-01	<MDA	<MDA
SR-152-1102	Batch 69 Clean Stockpile	7	3.66E-01	1.26E-01	<MDA	<MDA
SR-152-1103	Batch 69 Clean Stockpile	8	3.60E-01	1.20E-01	<MDA	<MDA
SR-152-1104	Batch 69 Clean Stockpile	9	2.09E-01	9.14E-02	<MDA	<MDA
SR-152-1105	Batch 69 Clean Stockpile	10	2.60E-01	1.02E-01	<MDA	<MDA
SR-152-1106	Batch 69 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1107	Batch 69 Clean Stockpile	12	2.61E-01	1.05E-01	<MDA	<MDA
SR-152-1108	Batch 69 Clean Stockpile	13	3.82E-01	1.29E-01	<MDA	<MDA
SR-152-1109	Batch 69 Clean Stockpile	14	3.49E-01	1.22E-01	<MDA	<MDA
SR-152-1110	Batch 69 Clean Stockpile	15	3.81E-01	1.28E-01	<MDA	<MDA
SR-152-1111	Batch 69 Clean Stockpile	16	4.43E-01	1.13E-01	<MDA	<MDA
SR-152-1112	Batch 70 Clean Stockpile	1	3.16E-01	1.10E-01	<MDA	<MDA
SR-152-1113	Batch 70 Clean Stockpile	2	3.19E-01	1.17E-01	<MDA	<MDA
SR-152-1114	Batch 70 Clean Stockpile	3	3.20E-01	1.08E-01	<MDA	<MDA
SR-152-1115	Batch 70 Clean Stockpile	4	4.68E-01	1.38E-01	<MDA	<MDA
SR-152-1116	Batch 70 Clean Stockpile	5	5.77E-01	1.56E-01	<MDA	<MDA
SR-152-1117	Batch 70 Clean Stockpile	6	2.38E-01	9.74E-02	<MDA	<MDA
SR-152-1118	Batch 70 Clean Stockpile	7	3.62E-01	1.20E-01	<MDA	<MDA
SR-152-1119	Batch 70 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1120	Batch 70 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1121	Batch 70 Clean Stockpile	10	2.91E-01	1.08E-01	<MDA	<MDA
SR-152-1122	Batch 70 Clean Stockpile	11	4.05E-01	1.27E-01	<MDA	<MDA
SR-152-1123	Batch 70 Clean Stockpile	12	4.02E-01	1.26E-01	<MDA	<MDA
SR-152-1124	Batch 70 Clean Stockpile	13	2.06E-01	1.00E-01	<MDA	<MDA
SR-152-1125	Batch 70 Clean Stockpile	14	4.19E-01	1.35E-01	<MDA	<MDA
SR-152-1126	Batch 70 Clean Stockpile	15	2.15E-01	6.57E-02	<MDA	<MDA
SR-152-1127	Batch 70 Clean Stockpile	16	2.67E-01	1.01E-01	<MDA	<MDA
SR-152-1128	Batch 71 Clean Stockpile	1	3.08E-01	1.42E-01	<MDA	<MDA
SR-152-1129	Batch 71 Clean Stockpile	2	3.83E-01	1.23E-01	<MDA	<MDA
SR-152-1130	Batch 71 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1131	Batch 71 Clean Stockpile	4	4.36E-01	1.32E-01	<MDA	<MDA
SR-152-1132	Batch 71 Clean Stockpile	5	3.12E-01	1.13E-01	<MDA	<MDA
SR-152-1133	Batch 71 Clean Stockpile	6	3.56E-01	1.21E-01	<MDA	<MDA
SR-152-1134	Batch 71 Clean Stockpile	7	3.92E-01	1.24E-01	<MDA	<MDA
SR-152-1135	Batch 71 Clean Stockpile	8	3.49E-01	1.22E-01	<MDA	<MDA
SR-152-1136	Batch 71 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1137	Batch 71 Clean Stockpile	10	3.91E-01	1.24E-01	<MDA	<MDA
SR-152-1138	Batch 71 Clean Stockpile	11	3.34E-01	1.12E-01	<MDA	<MDA
SR-152-1139	Batch 71 Clean Stockpile	12	2.65E-01	1.04E-01	<MDA	<MDA
SR-152-1140	Batch 71 Clean Stockpile	13	2.79E-01	1.16E-01	<MDA	<MDA
SR-152-1141	Batch 71 Clean Stockpile	14	2.79E-01	1.02E-01	<MDA	<MDA
SR-152-1142	Batch 71 Clean Stockpile	15	2.86E-01	1.10E-01	<MDA	<MDA
SR-152-1143	Batch 71 Clean Stockpile	16	3.74E-01	1.25E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1144	Batch 72 Clean Stockpile	1	5.99E-01	1.52E-01	<MDA	<MDA
SR-152-1145	Batch 72 Clean Stockpile	2	3.99E-01	1.25E-01	<MDA	<MDA
SR-152-1146	Batch 72 Clean Stockpile	3	3.11E-01	1.07E-01	<MDA	<MDA
SR-152-1147	Batch 72 Clean Stockpile	4	5.57E-01	1.50E-01	<MDA	<MDA
SR-152-1148	Batch 72 Clean Stockpile	5	4.36E-01	1.38E-01	<MDA	<MDA
SR-152-1149	Batch 72 Clean Stockpile	6	3.31E-01	1.17E-01	<MDA	<MDA
SR-152-1150	Batch 72 Clean Stockpile	7	3.10E-01	1.10E-01	<MDA	<MDA
SR-152-1151	Batch 72 Clean Stockpile	8	5.61E-01	1.59E-01	<MDA	<MDA
SR-152-1152	Batch 72 Clean Stockpile	9	4.10E-01	1.30E-01	<MDA	<MDA
SR-152-1153	Batch 72 Clean Stockpile	10	4.57E-01	1.33E-01	<MDA	<MDA
SR-152-1154	Batch 72 Clean Stockpile	11	2.62E-01	1.03E-01	<MDA	<MDA
SR-152-1155	Batch 72 Clean Stockpile	12	3.89E-01	1.30E-01	<MDA	<MDA
SR-152-1156	Batch 72 Clean Stockpile	13	3.76E-01	1.15E-01	<MDA	<MDA
SR-152-1157	Batch 72 Clean Stockpile	14	4.29E-01	1.42E-01	<MDA	<MDA
SR-152-1158	Batch 72 Clean Stockpile	15	3.90E-01	1.49E-01	<MDA	<MDA
SR-152-1159	Batch 72 Clean Stockpile	16	3.98E-01	1.26E-01	<MDA	<MDA
SR-152-1160	Batch 73 Clean Stockpile	1	3.65E-01	1.24E-01	<MDA	<MDA
SR-152-1161	Batch 73 Clean Stockpile	2	6.17E-01	1.66E-01	<MDA	<MDA
SR-152-1162	Batch 73 Clean Stockpile	3	5.21E-01	1.43E-01	<MDA	<MDA
SR-152-1163	Batch 73 Clean Stockpile	4	5.40E-01	1.49E-01	<MDA	<MDA
SR-152-1164	Batch 73 Clean Stockpile	5	4.93E-01	1.60E-01	<MDA	<MDA
SR-152-1165	Batch 73 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1166	Batch 73 Clean Stockpile	7	3.51E-01	1.12E-01	<MDA	<MDA
SR-152-1167	Batch 73 Clean Stockpile	8	4.10E-01	1.41E-01	<MDA	<MDA
SR-152-1168	Batch 73 Clean Stockpile	9	3.58E-01	1.18E-01	<MDA	<MDA
SR-152-1169	Batch 73 Clean Stockpile	10	2.75E-01	1.12E-01	<MDA	<MDA
SR-152-1170	Batch 73 Clean Stockpile	11	1.66E-01	7.82E-02	<MDA	<MDA
SR-152-1171	Batch 73 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1172	Batch 73 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1173	Batch 73 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1174	Batch 73 Clean Stockpile	15	3.41E-01	1.19E-01	<MDA	<MDA
SR-152-1175	Batch 73 Clean Stockpile	16	2.13E-01	8.00E-02	<MDA	<MDA
SR-152-1176	Batch 74 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1177	Batch 74 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1178	Batch 74 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1179	Batch 74 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1180	Batch 74 Clean Stockpile	5	1.62E-01	7.86E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1181	Batch 74 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1182	Batch 74 Clean Stockpile	7	1.92E-01	8.84E-02	<MDA	<MDA
SR-152-1183	Batch 74 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1184	Batch 74 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1185	Batch 74 Clean Stockpile	10	1.83E-01	8.66E-02	<MDA	<MDA
SR-152-1186	Batch 74 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1187	Batch 74 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1188	Batch 74 Clean Stockpile	13	2.00E-01	9.18E-02	<MDA	<MDA
SR-152-1189	Batch 74 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1190	Batch 74 Clean Stockpile	15	2.07E-01	8.63E-02	<MDA	<MDA
SR-152-1191	Batch 74 Clean Stockpile	16	1.77E-01	5.83E-02	<MDA	<MDA
SR-152-1192	Batch 75 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1193	Batch 75 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1194	Batch 75 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1195	Batch 75 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1196	Batch 75 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1197	Batch 75 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1198	Batch 75 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1199	Batch 75 Clean Stockpile	8	1.63E-01	7.91E-02	<MDA	<MDA
SR-152-1200	Batch 75 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1201	Batch 75 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1202	Batch 75 Clean Stockpile	11	1.81E-01	8.80E-02	<MDA	<MDA
SR-152-1203	Batch 75 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1204	Batch 75 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1205	Batch 75 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1206	Batch 75 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1207	Batch 75 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1208	Batch 76 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1209	Batch 76 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1210	Batch 76 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1211	Batch 76 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1212	Batch 76 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1213	Batch 76 Clean Stockpile	6	1.44E-01	7.22E-02	<MDA	<MDA
SR-152-1214	Batch 76 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1215	Batch 76 Clean Stockpile	8	1.84E-01	8.43E-02	<MDA	<MDA
SR-152-1216	Batch 76 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1217	Batch 76 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1218	Batch 76 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1219	Batch 76 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1220	Batch 76 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1221	Batch 76 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1222	Batch 76 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1223	Batch 76 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1224	Batch 77 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1225	Batch 77 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1226	Batch 77 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1227	Batch 77 Clean Stockpile	4	2.20E-01	9.61E-02	<MDA	<MDA
SR-152-1228	Batch 77 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1229	Batch 77 Clean Stockpile	6	1.85E-01	8.11E-02	<MDA	<MDA
SR-152-1230	Batch 77 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1231	Batch 77 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1232	Batch 77 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1233	Batch 77 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1234	Batch 77 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1235	Batch 77 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1236	Batch 77 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1237	Batch 77 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1238	Batch 77 Clean Stockpile	15	1.61E-01	5.81E-02	<MDA	<MDA
SR-152-1239	Batch 77 Clean Stockpile	16	1.45E-01	5.07E-02	<MDA	<MDA
SR-152-1272	Batch 77 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-1273	Batch 77 Clean Stockpile	18	<MDA	<MDA	<MDA	<MDA
SR-152-1240	Batch 78 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1241	Batch 78 Clean Stockpile	2	1.85E-01	9.28E-02	<MDA	<MDA
SR-152-1242	Batch 78 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1243	Batch 78 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1244	Batch 78 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1245	Batch 78 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1246	Batch 78 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1247	Batch 78 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1248	Batch 78 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1249	Batch 78 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1250	Batch 78 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1251	Batch 78 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1252	Batch 78 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1253	Batch 78 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1254	Batch 78 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1255	Batch 78 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1256	Batch 79 Clean Stockpile	1	5.08E-01	1.36E-01	<MDA	<MDA
SR-152-1257	Batch 79 Clean Stockpile	2	4.48E-01	1.44E-01	<MDA	<MDA
SR-152-1258	Batch 79 Clean Stockpile	3	4.03E-01	1.21E-01	<MDA	<MDA
SR-152-1259	Batch 79 Clean Stockpile	4	2.60E-01	1.30E-01	<MDA	<MDA
SR-152-1260	Batch 79 Clean Stockpile	5	4.82E-01	1.38E-01	<MDA	<MDA
SR-152-1261	Batch 79 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1262	Batch 79 Clean Stockpile	7	3.23E-01	1.09E-01	<MDA	<MDA
SR-152-1263	Batch 79 Clean Stockpile	8	2.47E-01	1.01E-01	<MDA	<MDA
SR-152-1264	Batch 79 Clean Stockpile	9	3.37E-01	1.19E-01	<MDA	<MDA
SR-152-1265	Batch 79 Clean Stockpile	10	3.14E-01	1.11E-01	<MDA	<MDA
SR-152-1266	Batch 79 Clean Stockpile	11	3.25E-01	1.40E-01	<MDA	<MDA
SR-152-1267	Batch 79 Clean Stockpile	12	3.65E-01	1.19E-01	<MDA	<MDA
SR-152-1268	Batch 79 Clean Stockpile	13	2.54E-01	9.99E-02	<MDA	<MDA
SR-152-1269	Batch 79 Clean Stockpile	14	1.95E-01	8.73E-02	<MDA	<MDA
SR-152-1270	Batch 79 Clean Stockpile	15	1.96E-01	8.98E-02	<MDA	<MDA
SR-152-1271	Batch 79 Clean Stockpile	16	2.31E-01	1.02E-01	<MDA	<MDA
SR-152-1274	Batch 80 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1275	Batch 80 Clean Stockpile	2	2.93E-01	1.04E-01	<MDA	<MDA
SR-152-1276	Batch 80 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1277	Batch 80 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1278	Batch 80 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1279	Batch 80 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1280	Batch 80 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1281	Batch 80 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1282	Batch 80 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1283	Batch 80 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1284	Batch 80 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1285	Batch 80 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1286	Batch 80 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1287	Batch 80 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1288	Batch 80 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1289	Batch 80 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1290	Batch 81 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1291	Batch 81 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1292	Batch 81 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1293	Batch 81 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1294	Batch 81 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1295	Batch 81 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1296	Batch 81 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1297	Batch 81 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1298	Batch 81 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1299	Batch 81 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1300	Batch 81 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1301	Batch 81 Clean Stockpile	12	1.24E-01	5.17E-02	<MDA	<MDA
SR-152-1302	Batch 81 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1303	Batch 81 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1304	Batch 81 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1305	Batch 81 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1338	Batch 81 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-1306	Batch 82 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1307	Batch 82 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1308	Batch 82 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1309	Batch 82 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1310	Batch 82 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1311	Batch 82 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1312	Batch 82 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1313	Batch 82 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1314	Batch 82 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1315	Batch 82 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1316	Batch 82 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1317	Batch 82 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1318	Batch 82 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1319	Batch 82 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1320	Batch 82 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1321	Batch 82 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1322	Batch 83 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1323	Batch 83 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1324	Batch 83 Clean Stockpile	3	1.88E-01	8.88E-02	<MDA	<MDA
SR-152-1325	Batch 83 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1326	Batch 83 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1327	Batch 83 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1328	Batch 83 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1329	Batch 83 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1330	Batch 83 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1331	Batch 83 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1332	Batch 83 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1333	Batch 83 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1334	Batch 83 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1335	Batch 83 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1336	Batch 83 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1337	Batch 83 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1339	Batch 84 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1340	Batch 84 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1341	Batch 84 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1342	Batch 84 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1343	Batch 84 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1344	Batch 84 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1345	Batch 84 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1346	Batch 84 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1347	Batch 84 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1348	Batch 84 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1349	Batch 84 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1350	Batch 84 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1351	Batch 84 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1352	Batch 84 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1353	Batch 84 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1354	Batch 84 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1355	Batch 85 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1356	Batch 85 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1357	Batch 85 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1358	Batch 85 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1359	Batch 85 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1360	Batch 85 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1361	Batch 85 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1362	Batch 85 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1363	Batch 85 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1364	Batch 85 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1365	Batch 85 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1366	Batch 85 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1367	Batch 85 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1368	Batch 85 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1369	Batch 85 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1370	Batch 85 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1371	Batch 86 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1372	Batch 86 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1373	Batch 86 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1374	Batch 86 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1375	Batch 86 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1376	Batch 86 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1377	Batch 86 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1378	Batch 86 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1379	Batch 86 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1380	Batch 86 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1381	Batch 86 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1382	Batch 86 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1383	Batch 86 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1384	Batch 86 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1385	Batch 86 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1386	Batch 86 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1387	Batch 87 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1388	Batch 87 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1389	Batch 87 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1390	Batch 87 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1391	Batch 87 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1392	Batch 87 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1393	Batch 87 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1394	Batch 87 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1395	Batch 87 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1396	Batch 87 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1397	Batch 87 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1398	Batch 87 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1399	Batch 87 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1400	Batch 87 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1401	Batch 87 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1402	Batch 87 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1403	Batch 88 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1404	Batch 88 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1405	Batch 88 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1406	Batch 88 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1407	Batch 88 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1408	Batch 88 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1409	Batch 88 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1410	Batch 88 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1411	Batch 88 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1412	Batch 88 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1413	Batch 88 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1414	Batch 88 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1415	Batch 88 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1416	Batch 88 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1417	Batch 88 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1418	Batch 88 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1419	Batch 89 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1420	Batch 89 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1421	Batch 89 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1422	Batch 89 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1423	Batch 89 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1424	Batch 89 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1425	Batch 89 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1426	Batch 89 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1427	Batch 89 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1428	Batch 89 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1429	Batch 89 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1430	Batch 89 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1431	Batch 89 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1432	Batch 89 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1433	Batch 89 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1434	Batch 89 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1435	Batch 90 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1436	Batch 90 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1437	Batch 90 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1438	Batch 90 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1439	Batch 90 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1440	Batch 90 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1441	Batch 90 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1442	Batch 90 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1443	Batch 90 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1444	Batch 90 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1445	Batch 90 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1446	Batch 90 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1447	Batch 90 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1448	Batch 90 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1449	Batch 90 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1450	Batch 90 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1451	Batch 91 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1452	Batch 91 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1453	Batch 91 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1454	Batch 91 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1455	Batch 91 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1456	Batch 91 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1457	Batch 91 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1458	Batch 91 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1459	Batch 91 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1460	Batch 91 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1461	Batch 91 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1462	Batch 91 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1463	Batch 91 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1464	Batch 91 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1465	Batch 91 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1466	Batch 91 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1467	Batch 92 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1468	Batch 92 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1469	Batch 92 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1470	Batch 92 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1471	Batch 92 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1472	Batch 92 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1473	Batch 92 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1474	Batch 92 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1475	Batch 92 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1476	Batch 92 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1477	Batch 92 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1478	Batch 92 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1479	Batch 92 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1480	Batch 92 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1481	Batch 92 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1482	Batch 92 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1483	Batch 93 Below Criteria	1	<MDA	<MDA	<MDA	<MDA
SR-152-1484	Batch 93 Below Criteria	2	<MDA	<MDA	<MDA	<MDA
SR-152-1485	Batch 93 Below Criteria	3	<MDA	<MDA	<MDA	<MDA
SR-152-1486	Batch 93 Below Criteria	4	<MDA	<MDA	<MDA	<MDA
SR-152-1487	Batch 93 Below Criteria	5	<MDA	<MDA	<MDA	<MDA
SR-152-1488	Batch 93 Below Criteria	6	<MDA	<MDA	<MDA	<MDA
SR-152-1489	Batch 93 Below Criteria	7	<MDA	<MDA	<MDA	<MDA
SR-152-1490	Batch 93 Below Criteria	8	<MDA	<MDA	<MDA	<MDA
SR-152-1491	Batch 93 Below Criteria	9	<MDA	<MDA	<MDA	<MDA
SR-152-1492	Batch 93 Below Criteria	10	<MDA	<MDA	<MDA	<MDA
SR-152-1493	Batch 93 Below Criteria	11	<MDA	<MDA	<MDA	<MDA
SR-152-1494	Batch 93 Below Criteria	12	<MDA	<MDA	<MDA	<MDA
SR-152-1495	Batch 93 Below Criteria	13	<MDA	<MDA	<MDA	<MDA
SR-152-1496	Batch 93 Below Criteria	14	<MDA	<MDA	<MDA	<MDA
SR-152-1497	Batch 93 Below Criteria	15	<MDA	<MDA	<MDA	<MDA
SR-152-1498	Batch 93 Below Criteria	16	<MDA	<MDA	<MDA	<MDA
SR-152-1499	Batch 94 Below Criteria	1	<MDA	<MDA	<MDA	<MDA
SR-152-1500	Batch 94 Below Criteria	2	<MDA	<MDA	<MDA	<MDA
SR-152-1501	Batch 94 Below Criteria	3	<MDA	<MDA	<MDA	<MDA
SR-152-1502	Batch 94 Below Criteria	4	<MDA	<MDA	<MDA	<MDA
SR-152-1503	Batch 94 Below Criteria	5	<MDA	<MDA	<MDA	<MDA
SR-152-1504	Batch 94 Below Criteria	6	<MDA	<MDA	<MDA	<MDA
SR-152-1505	Batch 94 Below Criteria	7	<MDA	<MDA	<MDA	<MDA
SR-152-1506	Batch 94 Below Criteria	8	<MDA	<MDA	<MDA	<MDA
SR-152-1507	Batch 94 Below Criteria	9	<MDA	<MDA	<MDA	<MDA
SR-152-1508	Batch 94 Below Criteria	10	<MDA	<MDA	<MDA	<MDA
SR-152-1509	Batch 94 Below Criteria	11	<MDA	<MDA	<MDA	<MDA
SR-152-1510	Batch 94 Below Criteria	12	<MDA	<MDA	<MDA	<MDA
SR-152-1511	Batch 94 Below Criteria	13	<MDA	<MDA	<MDA	<MDA
SR-152-1512	Batch 94 Below Criteria	14	<MDA	<MDA	<MDA	<MDA
SR-152-1513	Batch 94 Below Criteria	15	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1514	Batch 94 Below Criteria	16	<MDA	<MDA	<MDA	<MDA
SR-152-1515	Batch 95 Below Criteria	1	<MDA	<MDA	<MDA	<MDA
SR-152-1516	Batch 95 Below Criteria	2	<MDA	<MDA	<MDA	<MDA
SR-152-1517	Batch 95 Below Criteria	3	<MDA	<MDA	<MDA	<MDA
SR-152-1518	Batch 95 Below Criteria	4	<MDA	<MDA	<MDA	<MDA
SR-152-1519	Batch 95 Below Criteria	5	<MDA	<MDA	<MDA	<MDA
SR-152-1520	Batch 95 Below Criteria	6	<MDA	<MDA	<MDA	<MDA
SR-152-1521	Batch 95 Below Criteria	7	<MDA	<MDA	<MDA	<MDA
SR-152-1522	Batch 95 Below Criteria	8	<MDA	<MDA	<MDA	<MDA
SR-152-1523	Batch 95 Below Criteria	9	<MDA	<MDA	<MDA	<MDA
SR-152-1524	Batch 95 Below Criteria	10	<MDA	<MDA	<MDA	<MDA
SR-152-1525	Batch 95 Below Criteria	11	<MDA	<MDA	<MDA	<MDA
SR-152-1526	Batch 95 Below Criteria	12	<MDA	<MDA	<MDA	<MDA
SR-152-1527	Batch 95 Below Criteria	13	<MDA	<MDA	<MDA	<MDA
SR-152-1528	Batch 95 Below Criteria	14	<MDA	<MDA	<MDA	<MDA
SR-152-1529	Batch 95 Below Criteria	15	<MDA	<MDA	<MDA	<MDA
SR-152-1530	Batch 95 Below Criteria	16	<MDA	<MDA	<MDA	<MDA
SR-152-1531	Batch 96 Below Criteria	1	<MDA	<MDA	<MDA	<MDA
SR-152-1532	Batch 96 Below Criteria	2	<MDA	<MDA	<MDA	<MDA
SR-152-1533	Batch 96 Below Criteria	3	<MDA	<MDA	<MDA	<MDA
SR-152-1534	Batch 96 Below Criteria	4	<MDA	<MDA	<MDA	<MDA
SR-152-1535	Batch 96 Below Criteria	5	<MDA	<MDA	<MDA	<MDA
SR-152-1536	Batch 96 Below Criteria	6	<MDA	<MDA	<MDA	<MDA
SR-152-1537	Batch 96 Below Criteria	7	<MDA	<MDA	<MDA	<MDA
SR-152-1538	Batch 96 Below Criteria	8	<MDA	<MDA	<MDA	<MDA
SR-152-1539	Batch 96 Below Criteria	9	<MDA	<MDA	<MDA	<MDA
SR-152-1540	Batch 96 Below Criteria	10	<MDA	<MDA	<MDA	<MDA
SR-152-1541	Batch 96 Below Criteria	11	<MDA	<MDA	<MDA	<MDA
SR-152-1542	Batch 96 Below Criteria	12	<MDA	<MDA	<MDA	<MDA
SR-152-1545	Batch 96 Below Criteria	13	<MDA	<MDA	<MDA	<MDA
SR-152-1582	Batch 96 Below Criteria	14	<MDA	<MDA	<MDA	<MDA
SR-152-1543	Batch 96 Below Criteria	15	<MDA	<MDA	<MDA	<MDA
SR-152-1544	Batch 96 Below Criteria	16	<MDA	<MDA	<MDA	<MDA
SR-152-1546	Batch 97 Below Criteria	1	<MDA	<MDA	<MDA	<MDA
SR-152-1547	Batch 97 Below Criteria	2	<MDA	<MDA	<MDA	<MDA
SR-152-1548	Batch 97 Below Criteria	3	<MDA	<MDA	<MDA	<MDA
SR-152-1549	Batch 97 Below Criteria	4	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1550	Batch 97 Below Criteria	5	<MDA	<MDA	<MDA	<MDA
SR-152-1551	Batch 97 Below Criteria	6	<MDA	<MDA	<MDA	<MDA
SR-152-1552	Batch 97 Below Criteria	7	<MDA	<MDA	<MDA	<MDA
SR-152-1553	Batch 97 Below Criteria	8	<MDA	<MDA	<MDA	<MDA
SR-152-1554	Batch 97 Below Criteria	9	<MDA	<MDA	<MDA	<MDA
SR-152-1555	Batch 97 Below Criteria	10	<MDA	<MDA	<MDA	<MDA
SR-152-1556	Batch 97 Below Criteria	11	<MDA	<MDA	<MDA	<MDA
SR-152-1557	Batch 97 Below Criteria	12	<MDA	<MDA	<MDA	<MDA
SR-152-1558	Batch 97 Below Criteria	13	<MDA	<MDA	<MDA	<MDA
SR-152-1559	Batch 97 Below Criteria	14	<MDA	<MDA	<MDA	<MDA
SR-152-1560	Batch 97 Below Criteria	15	<MDA	<MDA	<MDA	<MDA
SR-152-1561	Batch 97 Below Criteria	16	<MDA	<MDA	<MDA	<MDA
SR-152-1562	Batch 98 Below Criteria	1	<MDA	<MDA	<MDA	<MDA
SR-152-1563	Batch 98 Below Criteria	2	<MDA	<MDA	<MDA	<MDA
SR-152-1564	Batch 98 Below Criteria	3	<MDA	<MDA	<MDA	<MDA
SR-152-1565	Batch 98 Below Criteria	4	<MDA	<MDA	<MDA	<MDA
SR-152-1566	Batch 98 Below Criteria	5	<MDA	<MDA	<MDA	<MDA
SR-152-1567	Batch 98 Below Criteria	6	<MDA	<MDA	<MDA	<MDA
SR-152-1568	Batch 98 Below Criteria	7	<MDA	<MDA	<MDA	<MDA
SR-152-1569	Batch 98 Below Criteria	8	<MDA	<MDA	<MDA	<MDA
SR-152-1570	Batch 98 Below Criteria	9	<MDA	<MDA	<MDA	<MDA
SR-152-1571	Batch 98 Below Criteria	10	<MDA	<MDA	<MDA	<MDA
SR-152-1572	Batch 98 Below Criteria	11	<MDA	<MDA	<MDA	<MDA
SR-152-1573	Batch 98 Below Criteria	12	<MDA	<MDA	<MDA	<MDA
SR-152-1574	Batch 98 Below Criteria	13	<MDA	<MDA	<MDA	<MDA
SR-152-1575	Batch 98 Below Criteria	14	<MDA	<MDA	<MDA	<MDA
SR-152-1576	Batch 98 Below Criteria	15	<MDA	<MDA	<MDA	<MDA
SR-152-1577	Batch 98 Below Criteria	16	<MDA	<MDA	<MDA	<MDA
SR-152-1578	Batch 99 Below Criterai	1	<MDA	<MDA	<MDA	<MDA
SR-152-1579	Batch 99 Below Criterai	2	<MDA	<MDA	<MDA	<MDA
SR-152-1580	Batch 99 Below Criterai	3	<MDA	<MDA	<MDA	<MDA
SR-152-1581	Batch 99 Below Criterai	4	<MDA	<MDA	<MDA	<MDA
SR-152-1583	Batch 99 Below Criterai	5	<MDA	<MDA	<MDA	<MDA
SR-152-1584	Batch 99 Below Criterai	6	<MDA	<MDA	<MDA	<MDA
SR-152-1585	Batch 99 Below Criterai	7	<MDA	<MDA	<MDA	<MDA
SR-152-1586	Batch 99 Below Criterai	8	<MDA	<MDA	<MDA	<MDA
SR-152-1587	Batch 99 Below Criterai	9	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1588	Batch 99 Below Criteria	10	<MDA	<MDA	<MDA	<MDA
SR-152-1589	Batch 99 Below Criteria	11	2.04E-01	9.16E-02	<MDA	<MDA
SR-152-1590	Batch 99 Below Criteria	12	<MDA	<MDA	<MDA	<MDA
SR-152-1591	Batch 99 Below Criteria	13	<MDA	<MDA	<MDA	<MDA
SR-152-1592	Batch 99 Below Criteria	14	<MDA	<MDA	<MDA	<MDA
SR-152-1593	Batch 99 Below Criteria	15	<MDA	<MDA	<MDA	<MDA
SR-152-1594	Batch 99 Below Criteria	16	<MDA	<MDA	<MDA	<MDA
SR-152-1595	Batch 100 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1596	Batch 100 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1597	Batch 100 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1598	Batch 100 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1599	Batch 100 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1600	Batch 100 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1601	Batch 100 Clean Stockpile	7	3.60E-01	1.14E-01	<MDA	<MDA
SR-152-1602	Batch 100 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1603	Batch 100 Clean Stockpile	9	2.14E-01	9.13E-02	<MDA	<MDA
SR-152-1604	Batch 100 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1605	Batch 100 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1606	Batch 100 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1607	Batch 100 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1608	Batch 100 Clean Stockpile	14	1.82E-01	8.38E-02	<MDA	<MDA
SR-152-1609	Batch 100 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1610	Batch 100 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1611	Batch 101 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1612	Batch 101 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1613	Batch 101 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1614	Batch 101 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1615	Batch 101 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1616	Batch 101 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1617	Batch 101 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1618	Batch 101 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1619	Batch 101 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1620	Batch 101 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1621	Batch 101 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1622	Batch 101 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1623	Batch 101 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1624	Batch 101 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1625	Batch 101 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1626	Batch 101 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1627	Batch 102 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1628	Batch 102 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1629	Batch 102 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1630	Batch 102 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1631	Batch 102 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1632	Batch 102 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1633	Batch 102 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1634	Batch 102 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1635	Batch 102 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1636	Batch 102 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1637	Batch 102 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1638	Batch 102 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1639	Batch 102 Clean Stockpile	13	2.15E-01	9.40E-02	<MDA	<MDA
SR-152-1640	Batch 102 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1641	Batch 102 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1642	Batch 102 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1643	Batch 103 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1644	Batch 103 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1645	Batch 103 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1646	Batch 103 Clean Stockpile	4	2.50E-01	9.66E-02	<MDA	<MDA
SR-152-1647	Batch 103 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1648	Batch 103 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1649	Batch 103 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1650	Batch 103 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1651	Batch 103 Clean Stockpile	9	2.51E-01	1.17E-01	<MDA	<MDA
SR-152-1652	Batch 103 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1653	Batch 103 Clean Stockpile	11	1.99E-01	9.14E-02	<MDA	<MDA
SR-152-1654	Batch 103 Clean Stockpile	12	2.78E-01	1.07E-01	<MDA	<MDA
SR-152-1655	Batch 103 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1656	Batch 103 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1657	Batch 103 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1658	Batch 103 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1659	Batch 104 Clean Stockpile	1	3.01E-01	1.07E-01	<MDA	<MDA
SR-152-1660	Batch 104 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1661	Batch 104 Clean Stockpile	3	2.34E-01	1.16E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1662	Batch 104 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1663	Batch 104 Clean Stockpile	5	2.43E-01	7.69E-02	<MDA	<MDA
SR-152-1664	Batch 104 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1665	Batch 104 Clean Stockpile	7	2.48E-01	1.09E-01	<MDA	<MDA
SR-152-1666	Batch 104 Clean Stockpile	8	2.23E-01	9.98E-02	<MDA	<MDA
SR-152-1667	Batch 104 Clean Stockpile	9	1.81E-01	8.13E-02	<MDA	<MDA
SR-152-1668	Batch 104 Clean Stockpile	10	1.72E-01	8.62E-02	<MDA	<MDA
SR-152-1669	Batch 104 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1670	Batch 104 Clean Stockpile	12	2.36E-01	8.93E-02	<MDA	<MDA
SR-152-1671	Batch 104 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1672	Batch 104 Clean Stockpile	14	3.41E-01	1.14E-01	<MDA	<MDA
SR-152-1673	Batch 104 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1674	Batch 104 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1675	Batch 105 Clean Stockpile	1	2.40E-01	1.08E-01	<MDA	<MDA
SR-152-1676	Batch 105 Clean Stockpile	2	3.13E-01	1.15E-01	<MDA	<MDA
SR-152-1677	Batch 105 Clean Stockpile	3	3.54E-01	1.20E-01	<MDA	<MDA
SR-152-1678	Batch 105 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1679	Batch 105 Clean Stockpile	5	2.37E-01	1.09E-01	<MDA	<MDA
SR-152-1680	Batch 105 Clean Stockpile	6	2.63E-01	1.05E-01	<MDA	<MDA
SR-152-1681	Batch 105 Clean Stockpile	7	3.00E-01	1.14E-01	<MDA	<MDA
SR-152-1682	Batch 105 Clean Stockpile	8	2.16E-01	9.67E-02	<MDA	<MDA
SR-152-1683	Batch 105 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1684	Batch 105 Clean Stockpile	10	1.45E-01	7.27E-02	<MDA	<MDA
SR-152-1685	Batch 105 Clean Stockpile	11	3.48E-01	1.11E-01	<MDA	<MDA
SR-152-1686	Batch 105 Clean Stockpile	12	2.64E-01	9.68E-02	<MDA	<MDA
SR-152-1687	Batch 105 Clean Stockpile	13	2.78E-01	1.02E-01	<MDA	<MDA
SR-152-1688	Batch 105 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1689	Batch 105 Clean Stockpile	15	2.54E-01	7.84E-02	<MDA	<MDA
SR-152-1690	Batch 105 Clean Stockpile	16	2.65E-01	9.87E-02	<MDA	<MDA
SR-152-1691	Batch 106 Clean Stockpile	1	2.26E-01	9.68E-02	<MDA	<MDA
SR-152-1692	Batch 106 Clean Stockpile	2	3.82E-01	1.35E-01	<MDA	<MDA
SR-152-1693	Batch 106 Clean Stockpile	3	2.90E-01	1.08E-01	<MDA	<MDA
SR-152-1694	Batch 106 Clean Stockpile	4	3.07E-01	1.49E-01	<MDA	<MDA
SR-152-1695	Batch 106 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1696	Batch 106 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1697	Batch 106 Clean Stockpile	7	2.18E-01	9.75E-02	<MDA	<MDA
SR-152-1698	Batch 106 Clean Stockpile	8	3.37E-01	1.23E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1699	Batch 106 Clean Stockpile	9	2.47E-01	1.12E-01	<MDA	<MDA
SR-152-1700	Batch 106 Clean Stockpile	10	3.09E-01	1.13E-01	<MDA	<MDA
SR-152-1701	Batch 106 Clean Stockpile	11	3.35E-01	1.23E-01	<MDA	<MDA
SR-152-1702	Batch 106 Clean Stockpile	12	2.98E-01	1.11E-01	<MDA	<MDA
SR-152-1703	Batch 106 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1704	Batch 106 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1705	Batch 106 Clean Stockpile	15	3.24E-01	1.10E-01	<MDA	<MDA
SR-152-1706	Batch 106 Clean Stockpile	16	2.21E-01	1.04E-01	<MDA	<MDA
SR-152-1707	Batch 107 Clean Stockpile	1	3.50E-01	1.19E-01	<MDA	<MDA
SR-152-1708	Batch 107 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1709	Batch 107 Clean Stockpile	3	3.65E-01	1.34E-01	<MDA	<MDA
SR-152-1710	Batch 107 Clean Stockpile	4	2.99E-01	1.13E-01	<MDA	<MDA
SR-152-1711	Batch 107 Clean Stockpile	5	3.49E-01	1.26E-01	<MDA	<MDA
SR-152-1712	Batch 107 Clean Stockpile	6	2.79E-01	1.04E-01	<MDA	<MDA
SR-152-1713	Batch 107 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1714	Batch 107 Clean Stockpile	8	2.75E-01	1.13E-01	<MDA	<MDA
SR-152-1715	Batch 107 Clean Stockpile	9	2.05E-01	8.97E-02	<MDA	<MDA
SR-152-1716	Batch 107 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1717	Batch 107 Clean Stockpile	11	3.52E-01	1.23E-01	<MDA	<MDA
SR-152-1718	Batch 107 Clean Stockpile	12	4.26E-01	1.34E-01	<MDA	<MDA
SR-152-1719	Batch 107 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1720	Batch 107 Clean Stockpile	14	2.19E-01	1.03E-01	<MDA	<MDA
SR-152-1721	Batch 107 Clean Stockpile	15	2.35E-01	1.08E-01	<MDA	<MDA
SR-152-1722	Batch 107 Clean Stockpile	16	3.90E-01	1.43E-01	<MDA	<MDA
SR-152-1723	Batch 108 Clean Stockpile	1	1.86E-01	8.53E-02	<MDA	<MDA
SR-152-1724	Batch 108 Clean Stockpile	2	3.57E-01	1.21E-01	<MDA	<MDA
SR-152-1725	Batch 108 Clean Stockpile	3	3.34E-01	1.25E-01	<MDA	<MDA
SR-152-1726	Batch 108 Clean Stockpile	4	2.49E-01	9.80E-02	<MDA	<MDA
SR-152-1727	Batch 108 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1728	Batch 108 Clean Stockpile	6	2.34E-01	9.77E-02	<MDA	<MDA
SR-152-1729	Batch 108 Clean Stockpile	7	2.56E-01	1.05E-01	<MDA	<MDA
SR-152-1730	Batch 108 Clean Stockpile	8	2.25E-01	9.63E-02	<MDA	<MDA
SR-152-1731	Batch 108 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1732	Batch 108 Clean Stockpile	10	2.27E-01	8.74E-02	<MDA	<MDA
SR-152-1733	Batch 108 Clean Stockpile	11	2.14E-01	9.60E-02	<MDA	<MDA
SR-152-1734	Batch 108 Clean Stockpile	12	3.56E-01	1.23E-01	<MDA	<MDA
SR-152-1735	Batch 108 Clean Stockpile	13	1.99E-01	9.13E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1736	Batch 108 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1737	Batch 108 Clean Stockpile	15	2.62E-01	1.12E-01	<MDA	<MDA
SR-152-1738	Batch 108 Clean Stockpile	16	2.53E-01	9.75E-02	<MDA	<MDA
SR-152-1739	Batch 109 Clean Stockpile	1	2.02E-01	8.82E-02	<MDA	<MDA
SR-152-1740	Batch 109 Clean Stockpile	2	3.59E-01	1.22E-01	<MDA	<MDA
SR-152-1741	Batch 109 Clean Stockpile	3	1.84E-01	9.21E-02	<MDA	<MDA
SR-152-1742	Batch 109 Clean Stockpile	4	3.15E-01	8.54E-02	<MDA	<MDA
SR-152-1743	Batch 109 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1744	Batch 109 Clean Stockpile	6	2.39E-01	1.04E-01	<MDA	<MDA
SR-152-1745	Batch 109 Clean Stockpile	7	2.41E-01	9.88E-02	<MDA	<MDA
SR-152-1746	Batch 109 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1747	Batch 109 Clean Stockpile	9	2.44E-01	9.99E-02	<MDA	<MDA
SR-152-1748	Batch 109 Clean Stockpile	10	2.20E-01	9.85E-02	<MDA	<MDA
SR-152-1749	Batch 109 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1750	Batch 109 Clean Stockpile	12	2.04E-01	6.63E-02	<MDA	<MDA
SR-152-1751	Batch 109 Clean Stockpile	13	1.67E-01	8.35E-02	<MDA	<MDA
SR-152-1752	Batch 109 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1753	Batch 109 Clean Stockpile	15	2.94E-01	1.11E-01	<MDA	<MDA
SR-152-1754	Batch 109 Clean Stockpile	16	1.85E-01	8.99E-02	<MDA	<MDA
SR-152-1755	Batch 110 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1756	Batch 110 Clean Stockpile	2	2.65E-01	1.13E-01	<MDA	<MDA
SR-152-1757	Batch 110 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1758	Batch 110 Clean Stockpile	4	2.68E-01	1.05E-01	<MDA	<MDA
SR-152-1759	Batch 110 Clean Stockpile	5	2.33E-01	9.74E-02	<MDA	<MDA
SR-152-1760	Batch 110 Clean Stockpile	6	2.16E-01	9.46E-02	<MDA	<MDA
SR-152-1761	Batch 110 Clean Stockpile	7	2.50E-01	1.02E-01	<MDA	<MDA
SR-152-1762	Batch 110 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1763	Batch 110 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1764	Batch 110 Clean Stockpile	10	4.22E-01	1.31E-01	<MDA	<MDA
SR-152-1765	Batch 110 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1766	Batch 110 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1767	Batch 110 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1768	Batch 110 Clean Stockpile	14	2.83E-01	1.13E-01	<MDA	<MDA
SR-152-1769	Batch 110 Clean Stockpile	15	2.45E-01	1.00E-01	<MDA	<MDA
SR-152-1770	Batch 110 Clean Stockpile	16	1.60E-01	6.75E-02	<MDA	<MDA
SR-152-1771	Batch 111 Clean Stockpile	1	3.06E-01	1.09E-01	<MDA	<MDA
SR-152-1772	Batch 111 Clean Stockpile	2	2.66E-01	1.01E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1773	Batch 111 Clean Stockpile	3	3.07E-01	1.09E-01	<MDA	<MDA
SR-152-1774	Batch 111 Clean Stockpile	4	3.21E-01	1.14E-01	<MDA	<MDA
SR-152-1775	Batch 111 Clean Stockpile	5	2.26E-01	9.67E-02	<MDA	<MDA
SR-152-1776	Batch 111 Clean Stockpile	6	4.04E-01	1.24E-01	<MDA	<MDA
SR-152-1777	Batch 111 Clean Stockpile	7	2.75E-01	1.01E-01	<MDA	<MDA
SR-152-1778	Batch 111 Clean Stockpile	8	4.07E-01	1.36E-01	<MDA	<MDA
SR-152-1779	Batch 111 Clean Stockpile	9	2.49E-01	1.04E-01	<MDA	<MDA
SR-152-1780	Batch 111 Clean Stockpile	10	2.62E-01	7.74E-02	<MDA	<MDA
SR-152-1781	Batch 111 Clean Stockpile	11	2.41E-01	9.87E-02	<MDA	<MDA
SR-152-1782	Batch 111 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1783	Batch 111 Clean Stockpile	13	2.28E-01	9.34E-02	<MDA	<MDA
SR-152-1784	Batch 111 Clean Stockpile	14	3.50E-01	1.17E-01	<MDA	<MDA
SR-152-1785	Batch 111 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1786	Batch 111 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1787	Batch 112 Clean Stockpile	1	2.34E-01	9.79E-02	<MDA	<MDA
SR-152-1788	Batch 112 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1789	Batch 112 Clean Stockpile	3	2.45E-01	9.62E-02	<MDA	<MDA
SR-152-1790	Batch 112 Clean Stockpile	4	2.50E-01	1.04E-01	<MDA	<MDA
SR-152-1791	Batch 112 Clean Stockpile	5	2.96E-01	1.12E-01	<MDA	<MDA
SR-152-1792	Batch 112 Clean Stockpile	6	2.39E-01	9.58E-02	<MDA	<MDA
SR-152-1793	Batch 112 Clean Stockpile	7	2.29E-01	1.15E-01	<MDA	<MDA
SR-152-1794	Batch 112 Clean Stockpile	8	3.85E-01	1.31E-01	<MDA	<MDA
SR-152-1795	Batch 112 Clean Stockpile	9	3.07E-01	1.12E-01	<MDA	<MDA
SR-152-1796	Batch 112 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1797	Batch 112 Clean Stockpile	11	4.03E-01	1.30E-01	<MDA	<MDA
SR-152-1798	Batch 112 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1799	Batch 112 Clean Stockpile	13	2.54E-01	9.95E-02	<MDA	<MDA
SR-152-1800	Batch 112 Clean Stockpile	14	2.67E-01	9.94E-02	<MDA	<MDA
SR-152-1801	Batch 112 Clean Stockpile	15	2.07E-01	8.36E-02	<MDA	<MDA
SR-152-1802	Batch 112 Clean Stockpile	16	2.70E-01	7.10E-02	<MDA	<MDA
SR-152-1803	Batch 113 Clean Stockpile	1	2.25E-01	9.20E-02	<MDA	<MDA
SR-152-1804	Batch 113 Clean Stockpile	2	2.83E-01	1.13E-01	<MDA	<MDA
SR-152-1805	Batch 113 Clean Stockpile	3	2.15E-01	9.19E-02	<MDA	<MDA
SR-152-1806	Batch 113 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1807	Batch 113 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1808	Batch 113 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1809	Batch 113 Clean Stockpile	7	2.37E-01	1.01E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1810	Batch 113 Clean Stockpile	8	2.74E-01	1.06E-01	<MDA	<MDA
SR-152-1811	Batch 113 Clean Stockpile	9	1.97E-01	9.28E-02	<MDA	<MDA
SR-152-1812	Batch 113 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1813	Batch 113 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1814	Batch 113 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1815	Batch 113 Clean Stockpile	13	2.34E-01	9.37E-02	<MDA	<MDA
SR-152-1816	Batch 113 Clean Stockpile-QCI	14	3.03E-01	1.19E-01	<MDA	<MDA
SR-152-1817	Batch 113 Clean Stockpile-QCR	15	2.57E-01	1.03E-01	<MDA	<MDA
SR-152-1882	Batch 113 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1818	Batch 114 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1819	Batch 114 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1820	Batch 114 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1821	Batch 114 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1822	Batch 114 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1823	Batch 114 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1824	Batch 114 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1825	Batch 114 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1826	Batch 114 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1827	Batch 114 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1828	Batch 114 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1829	Batch 114 Clean Stockpile	12	2.09E-01	9.37E-02	<MDA	<MDA
SR-152-1830	Batch 114 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1831	Batch 114 Clean Stockpile-QCI	14	<MDA	<MDA	<MDA	<MDA
SR-152-1832	Batch 114 Clean Stockpile-QCR	15	<MDA	<MDA	<MDA	<MDA
SR-152-1883	Batch 114 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1833	Batch 115 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1834	Batch 115 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1835	Batch 115 Clean Stockpile	3	2.04E-01	9.16E-02	<MDA	<MDA
SR-152-1836	Batch 115 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1837	Batch 115 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1838	Batch 115 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1839	Batch 115 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1840	Batch 115 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1841	Batch 115 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1842	Batch 115 Clean Stockpile	10	1.90E-01	9.22E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1843	Batch 115 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1844	Batch 115 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1845	Batch 115 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1846	Batch 115 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1847	Batch 115 Clean Stockpile	15	1.78E-01	8.40E-02	<MDA	<MDA
SR-152-1848	Batch 115 Clean Stockpile	16	1.89E-01	6.92E-02	<MDA	<MDA
SR-152-1849	Batch 116 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1850	Batch 116 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1851	Batch 116 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1852	Batch 116 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1853	Batch 116 Clean Stockpile	5	2.07E-01	9.53E-02	<MDA	<MDA
SR-152-1854	Batch 116 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1855	Batch 116 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1856	Batch 116 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1857	Batch 116 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1858	Batch 116 Clean Stockpile	10	2.63E-01	1.05E-01	<MDA	<MDA
SR-152-1859	Batch 116 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1860	Batch 116 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1861	Batch 116 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1862	Batch 116 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1863	Batch 116 Clean Stockpile-QCI	15	<MDA	<MDA	<MDA	<MDA
SR-152-1864	Batch 116 Clean Stockpile-QCR	16	<MDA	<MDA	<MDA	<MDA
SR-152-1881	Batch 116 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-1865	Batch 117 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1866	Batch 117 Clean Stockpile	2	2.30E-01	1.06E-01	<MDA	<MDA
SR-152-1867	Batch 117 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1868	Batch 117 Clean Stockpile	4	5.87E-01	1.64E-01	<MDA	<MDA
SR-152-1869	Batch 117 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1870	Batch 117 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1871	Batch 117 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1872	Batch 117 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1873	Batch 117 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1874	Batch 117 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1875	Batch 117 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1876	Batch 117 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1877	Batch 117 Clean Stockpile	13	1.58E-01	7.91E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1878	Batch 117 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1879	Batch 117 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1880	Batch 117 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1884	Batch 118 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1885	Batch 118 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1886	Batch 118 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1887	Batch 118 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1888	Batch 118 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1889	Batch 118 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1890	Batch 118 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1891	Batch 118 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1892	Batch 118 Clean Stockpile	9	1.66E-01	8.07E-02	<MDA	<MDA
SR-152-1893	Batch 118 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1894	Batch 118 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1895	Batch 118 Clean Stockpile	12	2.00E-01	9.21E-02	<MDA	<MDA
SR-152-1896	Batch 118 Clean Stockpile	13	2.12E-01	9.50E-02	<MDA	<MDA
SR-152-1897	Batch 118 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1898	Batch 118 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1899	Batch 118 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1900	Batch 119 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1901	Batch 119 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1902	Batch 119 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1903	Batch 119 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1904	Batch 119 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1905	Batch 119 Clean Stockpile	6	2.99E-01	1.09E-01	<MDA	<MDA
SR-152-1906	Batch 119 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1907	Batch 119 Clean Stockpile	8	1.73E-01	8.65E-02	<MDA	<MDA
SR-152-1908	Batch 119 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1909	Batch 119 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1910	Batch 119 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1911	Batch 119 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1912	Batch 119 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1913	Batch 119 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1914	Batch 119 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1915	Batch 119 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1916	Batch 120 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1917	Batch 120 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1918	Batch 120 Clean Stockpile	3	2.46E-01	9.67E-02	<MDA	<MDA
SR-152-1919	Batch 120 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1920	Batch 120 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1921	Batch 120 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1922	Batch 120 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1923	Batch 120 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1924	Batch 120 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1925	Batch 120 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1926	Batch 120 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1927	Batch 120 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1928	Batch 120 Clean Stockpile	13	2.08E-01	9.10E-02	<MDA	<MDA
SR-152-1929	Batch 120 Clean Stockpile	14	1.91E-01	8.37E-02	<MDA	<MDA
SR-152-1930	Batch 120 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1931	Batch 120 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1932	Batch 121 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1933	Batch 121 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1934	Batch 121 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1935	Batch 121 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1936	Batch 121 Clean Stockpile	5	2.10E-01	9.64E-02	<MDA	<MDA
SR-152-1937	Batch 121 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1938	Batch 121 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1939	Batch 121 Clean Stockpile	8	4.01E-01	1.31E-01	<MDA	<MDA
SR-152-1940	Batch 121 Clean Stockpile	9	2.68E-01	1.03E-01	<MDA	<MDA
SR-152-1941	Batch 121 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1942	Batch 121 Clean Stockpile	11	3.04E-01	1.19E-01	<MDA	<MDA
SR-152-1943	Batch 121 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1944	Batch 121 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1945	Batch 121 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1946	Batch 121 Clean Stockpile	15	2.00E-01	6.77E-02	<MDA	<MDA
SR-152-1947	Batch 121 Clean Stockpile	16	1.81E-01	7.11E-02	<MDA	<MDA
SR-152-1948	Batch 122 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1949	Batch 122 Clean Stockpile	2	2.93E-01	1.09E-01	<MDA	<MDA
SR-152-1950	Batch 122 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1951	Batch 122 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1952	Batch 122 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1953	Batch 122 Clean Stockpile	6	1.17E-01	4.73E-02	<MDA	<MDA
SR-152-1954	Batch 122 Clean Stockpile	7	2.02E-01	9.04E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1955	Batch 122 Clean Stockpile	8	3.41E-01	1.17E-01	<MDA	<MDA
SR-152-1956	Batch 122 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1957	Batch 122 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1958	Batch 122 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1959	Batch 122 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1960	Batch 122 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1961	Batch 122 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1962	Batch 122 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1963	Batch 122 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1964	Batch 123 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1965	Batch 123 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1966	Batch 123 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1967	Batch 123 Clean Stockpile	4	2.01E-01	9.25E-02	<MDA	<MDA
SR-152-1968	Batch 123 Clean Stockpile	5	1.10E-01	4.91E-02	<MDA	<MDA
SR-152-1969	Batch 123 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1970	Batch 123 Clean Stockpile	7	1.85E-01	8.75E-02	<MDA	<MDA
SR-152-1971	Batch 123 Clean Stockpile	8	2.58E-01	1.03E-01	<MDA	<MDA
SR-152-1972	Batch 123 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1973	Batch 123 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1974	Batch 123 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1975	Batch 123 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-1976	Batch 123 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-1977	Batch 123 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1978	Batch 123 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-1979	Batch 123 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-1980	Batch 124 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-1981	Batch 124 Clean Stockpile	2	2.41E-01	1.08E-01	<MDA	<MDA
SR-152-1982	Batch 124 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1983	Batch 124 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-1984	Batch 124 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-1985	Batch 124 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-1986	Batch 124 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-1987	Batch 124 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-1988	Batch 124 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-1989	Batch 124 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-1990	Batch 124 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-1991	Batch 124 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-1992	Batch 124 Clean Stockpile	13	2.26E-01	1.01E-01	<MDA	<MDA
SR-152-1993	Batch 124 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-1994	Batch 124 Clean Stockpile	15	1.55E-01	7.01E-02	<MDA	<MDA
SR-152-1995	Batch 124 Clean Stockpile	16	2.38E-01	8.46E-02	<MDA	<MDA
SR-152-1996	Batch 125 Clean Stockpile	1	2.17E-01	1.03E-01	<MDA	<MDA
SR-152-1997	Batch 125 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-1998	Batch 125 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-1999	Batch 125 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2000	Batch 125 Clean Stockpile	5	2.42E-01	1.06E-01	<MDA	<MDA
SR-152-2001	Batch 125 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2002	Batch 125 Clean Stockpile	7	2.34E-01	8.84E-02	<MDA	<MDA
SR-152-2003	Batch 125 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2004	Batch 125 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2005	Batch 125 Clean Stockpile	10	2.88E-01	1.18E-01	<MDA	<MDA
SR-152-2006	Batch 125 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2007	Batch 125 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2008	Batch 125 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2009	Batch 125 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2010	Batch 125 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2011	Batch 125 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2012	Batch 126 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2013	Batch 126 Clean Stockpile	2	2.39E-01	1.00E-01	<MDA	<MDA
SR-152-2014	Batch 126 Clean Stockpile	3	2.20E-01	9.39E-02	<MDA	<MDA
SR-152-2015	Batch 126 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2016	Batch 126 Clean Stockpile	5	1.89E-01	8.30E-02	<MDA	<MDA
SR-152-2017	Batch 126 Clean Stockpile	6	2.48E-01	1.02E-01	<MDA	<MDA
SR-152-2018	Batch 126 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2019	Batch 126 Clean Stockpile	8	2.10E-01	8.98E-02	<MDA	<MDA
SR-152-2020	Batch 126 Clean Stockpile	9	2.30E-01	1.06E-01	<MDA	<MDA
SR-152-2021	Batch 126 Clean Stockpile	10	1.24E-01	5.83E-02	<MDA	<MDA
SR-152-2022	Batch 126 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2023	Batch 126 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2024	Batch 126 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2025	Batch 126 Clean Stockpile	14	1.80E-01	8.51E-02	<MDA	<MDA
SR-152-2026	Batch 126 Clean Stockpile	15	2.43E-01	1.02E-01	<MDA	<MDA
SR-152-2027	Batch 126 Clean Stockpile	16	2.72E-01	1.03E-01	<MDA	<MDA
SR-152-2028	Batch 127 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2029	Batch 127 Clean Stockpile	2	2.03E-01	9.11E-02	<MDA	<MDA
SR-152-2030	Batch 127 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2031	Batch 127 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2032	Batch 127 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2033	Batch 127 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2034	Batch 127 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2035	Batch 127 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2036	Batch 127 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2037	Batch 127 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2038	Batch 127 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2039	Batch 127 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2040	Batch 127 Clean Stockpile	13	2.03E-01	9.11E-02	<MDA	<MDA
SR-152-2041	Batch 127 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2042	Batch 127 Clean Stockpile QC-I	15	<MDA	<MDA	<MDA	<MDA
SR-152-2043	Batch 127 Clean Stockpile QC-R	16	<MDA	<MDA	<MDA	<MDA
SR-152-2044	Batch 127 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-2045	Batch 128 Clean Stockpile	1	2.44E-01	9.77E-02	<MDA	<MDA
SR-152-2046	Batch 128 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2047	Batch 128 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2048	Batch 128 Clean Stockpile	4	3.41E-01	1.21E-01	<MDA	<MDA
SR-152-2049	Batch 128 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2050	Batch 128 Clean Stockpile	6	2.13E-01	9.33E-02	<MDA	<MDA
SR-152-2051	Batch 128 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2052	Batch 128 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2053	Batch 128 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2054	Batch 128 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2055	Batch 128 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2056	Batch 128 Clean Stockpile	12	2.25E-01	9.40E-02	<MDA	<MDA
SR-152-2057	Batch 128 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2058	Batch 128 Clean Stockpile	14	1.59E-01	7.53E-02	<MDA	<MDA
SR-152-2059	Batch 128 Clean Stockpile - QCI	15	1.73E-01	8.16E-02	<MDA	<MDA
SR-152-2059	Batch 128 Clean Stockpile - 600 sec	16	1.63E-01	5.61E-02	<MDA	<MDA
SR-152-2060	Batch 128 Clean Stockpile - QCR	17	1.21E-01	5.13E-02	<MDA	<MDA
SR-152-2061	Batch 129 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2062	Batch 129 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2063	Batch 129 Clean Stockpile	3	1.93E-01	8.43E-02	<MDA	<MDA
SR-152-2064	Batch 129 Clean Stockpile	4	1.88E-01	8.43E-02	<MDA	<MDA
SR-152-2065	Batch 129 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2066	Batch 129 Clean Stockpile	6	2.20E-01	9.39E-02	<MDA	<MDA
SR-152-2067	Batch 129 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2068	Batch 129 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2069	Batch 129 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2070	Batch 129 Clean Stockpile	10	2.47E-01	9.89E-02	<MDA	<MDA
SR-152-2071	Batch 129 Clean Stockpile	11	2.14E-01	8.94E-02	<MDA	<MDA
SR-152-2072	Batch 129 Clean Stockpile	12	1.79E-01	8.43E-02	<MDA	<MDA
SR-152-2073	Batch 129 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2074	Batch 129 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2075	Batch 129 Clean Stockpile	15	2.22E-01	1.05E-01	<MDA	<MDA
SR-152-2076	Batch 129 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2077	Batch 129 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-2078	Batch 130 Clean Stockpile	1	2.48E-01	9.96E-02	<MDA	<MDA
SR-152-2079	Batch 130 Clean Stockpile	2	1.82E-01	8.82E-02	<MDA	<MDA
SR-152-2080	Batch 130 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2081	Batch 130 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2082	Batch 130 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2083	Batch 130 Clean Stockpile	6	1.60E-01	7.75E-02	<MDA	<MDA
SR-152-2084	Batch 130 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2085	Batch 130 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2086	Batch 130 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2087	Batch 130 Clean Stockpile	10	1.72E-01	7.36E-02	<MDA	<MDA
SR-152-2088	Batch 130 Clean Stockpile	11	1.70E-01	8.03E-02	<MDA	<MDA
SR-152-2089	Batch 130 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2090	Batch 130 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2091	Batch 130 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2092	Batch 130 Clean Stockpile	15	2.31E-01	9.89E-02	<MDA	<MDA
SR-152-2093	Batch 130 Clean Stockpile	16	1.82E-01	6.01E-02	<MDA	<MDA
SR-152-2094	Batch 131 Clean Stockpile	1	2.03E-01	9.88E-02	<MDA	<MDA
SR-152-2095	Batch 131 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2096	Batch 131 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2097	Batch 131 Clean Stockpile	4	3.64E-01	1.50E-01	<MDA	<MDA
SR-152-2098	Batch 131 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2099	Batch 131 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2100	Batch 131 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2101	Batch 131 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2102	Batch 131 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2103	Batch 131 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2104	Batch 131 Clean Stockpile	11	2.01E-01	9.79E-02	<MDA	<MDA
SR-152-2105	Batch 131 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2106	Batch 131 Clean Stockpile	13	1.91E-01	6.37E-02	<MDA	<MDA
SR-152-2107	Batch 131 Clean Stockpile	14	2.65E-01	1.04E-01	<MDA	<MDA
SR-152-2108	Batch 131 Clean Stockpile-QCI	15	<MDA	<MDA	<MDA	<MDA
SR-152-2109	Batch 131 Clean Stockpile-QCR	16	<MDA	<MDA	<MDA	<MDA
SR-152-2155	Batch 131 Clean Stockpile	17	2.38E-01	8.09E-02	<MDA	<MDA
SR-152-2110	Batch 132 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2111	Batch 132 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2112	Batch 132 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2113	Batch 132 Clean Stockpile	4	1.74E-01	7.10E-02	<MDA	<MDA
SR-152-2114	Batch 132 Clean Stockpile	5	2.90E-01	1.16E-01	<MDA	<MDA
SR-152-2115	Batch 132 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2116	Batch 132 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2117	Batch 132 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2118	Batch 132 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2119	Batch 132 Clean Stockpile	10	2.06E-01	9.23E-02	<MDA	<MDA
SR-152-2120	Batch 132 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2121	Batch 132 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2122	Batch 132 Clean Stockpile	13	1.50E-01	7.44E-02	<MDA	<MDA
SR-152-2123	Batch 132 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2124	Batch 132 Clean Stockpile	15	2.16E-01	9.23E-02	<MDA	<MDA
SR-152-2125	Batch 132 Clean Stockpile	16	1.97E-01	9.04E-02	<MDA	<MDA
SR-152-2126	Batch 133 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2127	Batch 133 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2128	Batch 133 Clean Stockpile	3	2.48E-01	1.04E-01	<MDA	<MDA
SR-152-2129	Batch 133 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2130	Batch 133 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2131	Batch 133 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2132	Batch 133 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2133	Batch 133 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2134	Batch 133 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2135	Batch 133 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2136	Batch 133 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2137	Batch 133 Clean Stockpile	12	2.56E-01	1.09E-01	<MDA	<MDA
SR-152-2138	Batch 133 Clean Stockpile	13	2.24E-01	1.00E-01	<MDA	<MDA
SR-152-2139	Batch 133 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2140	Batch 133 Clean Stockpile	15	1.83E-01	8.00E-02	<MDA	<MDA
SR-152-2141	Batch 133 Clean Stockpile	16	1.69E-01	7.08E-02	<MDA	<MDA
SR-152-2142	Batch 134 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2143	Batch 134 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2144	Batch 134 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2145	Batch 134 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2146	Batch 134 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2147	Batch 134 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2148	Batch 134 Clean Stockpile	7	2.06E-01	9.24E-02	<MDA	<MDA
SR-152-2149	Batch 134 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2150	Batch 134 Clean Stockpile	9	2.40E-01	9.62E-02	<MDA	<MDA
SR-152-2151	Batch 134 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2152	Batch 134 Clean Stockpile	11	1.79E-01	8.69E-02	<MDA	<MDA
SR-152-2153	Batch 134 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2154	Batch 134 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2156	Batch 134 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2157	Batch 134 Clean Stockpile	15	1.29E-01	5.63E-02	<MDA	<MDA
SR-152-2158	Batch 134 Clean Stockpile	16	1.81E-01	6.41E-02	<MDA	<MDA
SR-152-2159	Batch 135 Clean Stockpile	1	2.16E-01	9.57E-02	<MDA	<MDA
SR-152-2160	Batch 135 Clean Stockpile	2	2.21E-01	9.68E-02	<MDA	<MDA
SR-152-2161	Batch 135 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2162	Batch 135 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2163	Batch 135 Clean Stockpile	5	2.50E-01	9.81E-02	<MDA	<MDA
SR-152-2164	Batch 135 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2165	Batch 135 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2166	Batch 135 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2167	Batch 135 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2168	Batch 135 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2169	Batch 135 Clean Stockpile	11	2.24E-01	9.59E-02	<MDA	<MDA
SR-152-2170	Batch 135 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2171	Batch 135 Clean Stockpile	13	2.34E-01	9.55E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2172	Batch 135 Clean Stockpile	14	1.84E-01	8.24E-02	<MDA	<MDA
SR-152-2173	Batch 135 Clean Stockpile	15	1.48E-01	5.11E-02	<MDA	<MDA
SR-152-2174	Batch 135 Clean Stockpile	16	1.87E-01	5.80E-02	<MDA	<MDA
SR-152-2175	Batch 136 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2176	Batch 136 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2177	Batch 136 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2178	Batch 136 Clean Stockpile	4	1.53E-01	7.42E-02	<MDA	<MDA
SR-152-2179	Batch 136 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2180	Batch 136 Clean Stockpile	6	1.98E-01	6.53E-02	<MDA	<MDA
SR-152-2181	Batch 136 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2182	Batch 136 Clean Stockpile	8	1.47E-01	7.12E-02	<MDA	<MDA
SR-152-2183	Batch 136 Clean Stockpile	9	2.25E-01	7.41E-02	<MDA	<MDA
SR-152-2184	Batch 136 Clean Stockpile	10	1.95E-01	8.51E-02	<MDA	<MDA
SR-152-2185	Batch 136 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2186	Batch 136 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2187	Batch 136 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2188	Batch 136 Clean Stockpile	14	2.30E-01	9.40E-02	<MDA	<MDA
SR-152-2189	Batch 136 Clean Stockpile-QCI	15	<MDA	<MDA	<MDA	<MDA
SR-152-2190	Batch 136 Clean Stockpile-QCR	16	<MDA	<MDA	<MDA	<MDA
SR-152-2191	Batch 136 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-2192	Batch 137 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2193	Batch 137 Clean Stockpile	2	2.06E-01	9.02E-02	<MDA	<MDA
SR-152-2194	Batch 137 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2195	Batch 137 Clean Stockpile	4	1.91E-01	8.77E-02	<MDA	<MDA
SR-152-2196	Batch 137 Clean Stockpile	5	2.32E-01	8.31E-02	<MDA	<MDA
SR-152-2197	Batch 137 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2198	Batch 137 Clean Stockpile	7	2.57E-01	7.30E-02	<MDA	<MDA
SR-152-2199	Batch 137 Clean Stockpile	8	2.17E-01	9.47E-02	<MDA	<MDA
SR-152-2200	Batch 137 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2201	Batch 137 Clean Stockpile	10	2.49E-01	9.98E-02	<MDA	<MDA
SR-152-2202	Batch 137 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2203	Batch 137 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2204	Batch 137 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2205	Batch 137 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2206	Batch 137 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2207	Batch 137 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2208	Batch 138 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2209	Batch 138 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2210	Batch 138 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2211	Batch 138 Clean Stockpile	4	2.71E-01	1.08E-01	<MDA	<MDA
SR-152-2212	Batch 138 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2213	Batch 138 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2214	Batch 138 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2215	Batch 138 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2216	Batch 138 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2217	Batch 138 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2218	Batch 138 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2219	Batch 138 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2220	Batch 138 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2221	Batch 138 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2222	Batch 138 Clean Stockpile	15	1.25E-01	4.49E-02	<MDA	<MDA
SR-152-2223	Batch 138 Clean Stockpile	16	1.05E-01	4.12E-02	<MDA	<MDA
SR-152-2224	Batch 139 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2225	Batch 139 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2226	Batch 139 Clean Stockpile	3	1.77E-01	8.15E-02	<MDA	<MDA
SR-152-2227	Batch 139 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2228	Batch 139 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2229	Batch 139 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2230	Batch 139 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2231	Batch 139 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2232	Batch 139 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2233	Batch 139 Clean Stockpile	10	2.43E-01	9.93E-02	<MDA	<MDA
SR-152-2234	Batch 139 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2235	Batch 139 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2236	Batch 139 Clean Stockpile	13	3.60E-01	1.33E-01	<MDA	<MDA
SR-152-2237	Batch 139 Clean Stockpile-QCI	14	2.13E-01	8.91E-02	<MDA	<MDA
SR-152-2238	Batch 139 Clean Stockpile-QCR	15	1.92E-01	6.28E-02	<MDA	<MDA
SR-152-2287	Batch 139 Clean Stockpile	16	1.59E-01	6.47E-02	<MDA	<MDA
SR-152-2239	Batch 140 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2240	Batch 140 Clean Stockpile	2	2.28E-01	8.40E-02	<MDA	<MDA
SR-152-2241	Batch 140 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2242	Batch 140 Clean Stockpile	4	2.09E-01	7.10E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2243	Batch 140 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2244	Batch 140 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2245	Batch 140 Clean Stockpile	7	2.49E-01	9.97E-02	<MDA	<MDA
SR-152-2246	Batch 140 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2247	Batch 140 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2248	Batch 140 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2249	Batch 140 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2250	Batch 140 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2251	Batch 140 Clean Stockpile	13	5.26E-01	1.25E-01	<MDA	<MDA
SR-152-2252	Batch 140 Clean Stockpile	14	1.83E-01	6.92E-02	<MDA	<MDA
SR-152-2253	Batch 140 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2254	Batch 140 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2255	Batch 141 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2256	Batch 141 Clean Stockpile	2	2.20E-01	8.83E-02	<MDA	<MDA
SR-152-2257	Batch 141 Clean Stockpile	3	2.02E-01	7.17E-02	<MDA	<MDA
SR-152-2258	Batch 141 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2259	Batch 141 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2260	Batch 141 Clean Stockpile	6	2.92E-01	8.91E-02	<MDA	<MDA
SR-152-2261	Batch 141 Clean Stockpile	7	4.15E-01	1.33E-01	<MDA	<MDA
SR-152-2262	Batch 141 Clean Stockpile	8	3.98E-01	1.12E-01	<MDA	<MDA
SR-152-2263	Batch 141 Clean Stockpile	9	1.69E-01	5.65E-02	<MDA	<MDA
SR-152-2264	Batch 141 Clean Stockpile	10	2.29E-01	8.11E-02	<MDA	<MDA
SR-152-2265	Batch 141 Clean Stockpile	11	2.55E-01	8.87E-02	<MDA	<MDA
SR-152-2266	Batch 141 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2267	Batch 141 Clean Stockpile	13	4.53E-01	1.28E-01	<MDA	<MDA
SR-152-2268	Batch 141 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2269	Batch 141 Clean Stockpile	15	2.24E-01	9.35E-02	<MDA	<MDA
SR-152-2270	Batch 141 Clean Stockpile	16	3.07E-01	1.11E-01	<MDA	<MDA
SR-152-2271	Batch 142 Clean Stockpile	1	3.16E-01	1.33E-01	<MDA	<MDA
SR-152-2272	Batch 142 Clean Stockpile	2	2.79E-01	7.56E-02	<MDA	<MDA
SR-152-2273	Batch 142 Clean Stockpile	3	3.01E-01	1.05E-01	<MDA	<MDA
SR-152-2274	Batch 142 Clean Stockpile	4	3.13E-01	1.11E-01	<MDA	<MDA
SR-152-2275	Batch 142 Clean Stockpile	5	1.98E-01	6.46E-02	<MDA	<MDA
SR-152-2276	Batch 142 Clean Stockpile	6	6.64E-01	1.59E-01	<MDA	<MDA
SR-152-2277	Batch 142 Clean Stockpile	7	3.90E-01	1.27E-01	<MDA	<MDA
SR-152-2278	Batch 142 Clean Stockpile	8	2.71E-01	7.95E-02	<MDA	<MDA
SR-152-2279	Batch 142 Clean Stockpile	9	1.92E-01	6.01E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2280	Batch 142 Clean Stockpile	10	2.34E-01	9.78E-02	<MDA	<MDA
SR-152-2281	Batch 142 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2282	Batch 142 Clean Stockpile	12	7.51E-01	1.72E-01	<MDA	<MDA
SR-152-2283	Batch 142 Clean Stockpile	13	2.92E-01	9.54E-02	<MDA	<MDA
SR-152-2284	Batch 142 Clean Stockpile	14	3.08E-01	9.53E-02	<MDA	<MDA
SR-152-2285	Batch 142 Clean Stockpile	15	3.75E-01	1.40E-01	<MDA	<MDA
SR-152-2286	Batch 142 Clean Stockpile	16	4.30E-01	1.30E-01	<MDA	<MDA
SR-152-2288	Batch 143 Clean Stockpile	1	2.87E-01	1.09E-01	<MDA	<MDA
SR-152-2289	Batch 143 Clean Stockpile	2	3.10E-01	1.12E-01	<MDA	<MDA
SR-152-2290	Batch 143 Clean Stockpile	3	2.26E-01	9.87E-02	<MDA	<MDA
SR-152-2291	Batch 143 Clean Stockpile	4	2.25E-01	9.40E-02	<MDA	<MDA
SR-152-2292	Batch 143 Clean Stockpile	5	2.54E-01	1.06E-01	<MDA	<MDA
SR-152-2293	Batch 143 Clean Stockpile	6	3.43E-01	1.20E-01	<MDA	<MDA
SR-152-2294	Batch 143 Clean Stockpile	7	3.53E-01	1.23E-01	<MDA	<MDA
SR-152-2295	Batch 143 Clean Stockpile	8	2.13E-01	8.22E-02	<MDA	<MDA
SR-152-2296	Batch 143 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2297	Batch 143 Clean Stockpile	10	3.93E-01	1.52E-01	<MDA	<MDA
SR-152-2298	Batch 143 Clean Stockpile	11	2.21E-01	9.25E-02	<MDA	<MDA
SR-152-2299	Batch 143 Clean Stockpile	12	2.72E-01	7.29E-02	<MDA	<MDA
SR-152-2300	Batch 143 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2301	Batch 143 Clean Stockpile	14	2.09E-01	6.06E-02	<MDA	<MDA
SR-152-2302	Batch 143 Clean Stockpile	15	2.35E-01	1.00E-01	<MDA	<MDA
SR-152-2303	Batch 143 Clean Stockpile	16	2.32E-01	9.91E-02	<MDA	<MDA
SR-152-2304	Batch 144 Clean Stockpile	1	3.09E-01	1.03E-01	<MDA	<MDA
SR-152-2305	Batch 144 Clean Stockpile	2	3.32E-01	1.20E-01	<MDA	<MDA
SR-152-2306	Batch 144 Clean Stockpile	3	2.66E-01	7.35E-02	<MDA	<MDA
SR-152-2307	Batch 144 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2308	Batch 144 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2309	Batch 144 Clean Stockpile	6	3.51E-01	8.38E-02	<MDA	<MDA
SR-152-2310	Batch 144 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2311	Batch 144 Clean Stockpile	8	1.71E-01	4.76E-02	<MDA	<MDA
SR-152-2312	Batch 144 Clean Stockpile	9	2.50E-01	7.48E-02	<MDA	<MDA
SR-152-2313	Batch 144 Clean Stockpile	10	4.67E-01	1.40E-01	<MDA	<MDA
SR-152-2314	Batch 144 Clean Stockpile	11	2.59E-01	7.15E-02	<MDA	<MDA
SR-152-2315	Batch 144 Clean Stockpile	12	3.14E-01	1.15E-01	<MDA	<MDA
SR-152-2316	Batch 144 Clean Stockpile	13	3.08E-01	1.18E-01	<MDA	<MDA
SR-152-2317	Batch 144 Clean Stockpile	14	4.30E-01	1.07E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2318	Batch 144 Clean Stockpile	15	4.18E-01	1.53E-01	<MDA	<MDA
SR-152-2319	Batch 144 Clean Stockpile	16	3.56E-01	1.24E-01	<MDA	<MDA
SR-152-2320	Batch 145 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2321	Batch 145 Clean Stockpile	2	2.05E-01	8.76E-02	<MDA	<MDA
SR-152-2322	Batch 145 Clean Stockpile	3	3.82E-01	7.60E-02	<MDA	<MDA
SR-152-2323	Batch 145 Clean Stockpile	4	4.70E-01	9.42E-02	<MDA	<MDA
SR-152-2324	Batch 145 Clean Stockpile	5	3.76E-01	1.22E-01	<MDA	<MDA
SR-152-2325	Batch 145 Clean Stockpile	6	4.29E-01	1.24E-01	<MDA	<MDA
SR-152-2326	Batch 145 Clean Stockpile	7	3.63E-01	1.17E-01	<MDA	<MDA
SR-152-2327	Batch 145 Clean Stockpile	8	2.35E-01	7.51E-02	<MDA	<MDA
SR-152-2328	Batch 145 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2329	Batch 145 Clean Stockpile	10	1.79E-01	7.00E-02	<MDA	<MDA
SR-152-2330	Batch 145 Clean Stockpile	11	3.28E-01	1.25E-01	<MDA	<MDA
SR-152-2331	Batch 145 Clean Stockpile	12	3.37E-01	9.28E-02	<MDA	<MDA
SR-152-2332	Batch 145 Clean Stockpile	13	2.50E-01	7.57E-02	<MDA	<MDA
SR-152-2333	Batch 145 Clean Stockpile	14	2.67E-01	1.07E-01	<MDA	<MDA
SR-152-2334	Batch 145 Clean Stockpile	15	3.04E-01	1.11E-01	<MDA	<MDA
SR-152-2335	Batch 145 Clean Stockpile	16	4.09E-01	1.52E-01	<MDA	<MDA
SR-152-2336	Batch 146 Clean Stockpile	1	2.49E-01	1.06E-01	<MDA	<MDA
SR-152-2337	Batch 146 Clean Stockpile	2	4.14E-01	1.57E-01	<MDA	<MDA
SR-152-2338	Batch 146 Clean Stockpile	3	2.60E-01	6.90E-02	<MDA	<MDA
SR-152-2339	Batch 146 Clean Stockpile	4	3.51E-01	1.19E-01	<MDA	<MDA
SR-152-2340	Batch 146 Clean Stockpile	5	3.15E-01	1.17E-01	<MDA	<MDA
SR-152-2341	Batch 146 Clean Stockpile	6	3.38E-01	8.43E-02	<MDA	<MDA
SR-152-2342	Batch 146 Clean Stockpile	7	2.90E-01	1.14E-01	<MDA	<MDA
SR-152-2343	Batch 146 Clean Stockpile	8	4.89E-01	1.53E-01	<MDA	<MDA
SR-152-2344	Batch 146 Clean Stockpile	9	2.69E-01	1.03E-01	<MDA	<MDA
SR-152-2345	Batch 146 Clean Stockpile	10	2.27E-01	9.68E-02	<MDA	<MDA
SR-152-2346	Batch 146 Clean Stockpile	11	3.45E-01	1.22E-01	<MDA	<MDA
SR-152-2347	Batch 146 Clean Stockpile	12	3.03E-01	1.31E-01	<MDA	<MDA
SR-152-2348	Batch 146 Clean Stockpile	13	2.75E-01	1.12E-01	<MDA	<MDA
SR-152-2349	Batch 146 Clean Stockpile	14	2.81E-01	1.10E-01	<MDA	<MDA
SR-152-2350	Batch 146 Clean Stockpile	15	4.09E-01	9.20E-02	<MDA	<MDA
SR-152-2351	Batch 146 Clean Stockpile	16	3.49E-01	1.20E-01	<MDA	<MDA
SR-152-2352	Batch 147 Clean Stockpile	1	3.45E-01	1.26E-01	<MDA	<MDA
SR-152-2353	Batch 147 Clean Stockpile	2	3.10E-01	1.20E-01	<MDA	<MDA
SR-152-2354	Batch 147 Clean Stockpile	3	3.33E-01	1.16E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2355	Batch 147 Clean Stockpile	4	2.84E-01	7.92E-02	<MDA	<MDA
SR-152-2356	Batch 147 Clean Stockpile	5	3.03E-01	1.09E-01	<MDA	<MDA
SR-152-2357	Batch 147 Clean Stockpile	6	3.68E-01	9.29E-02	<MDA	<MDA
SR-152-2358	Batch 147 Clean Stockpile	7	5.82E-01	1.62E-01	<MDA	<MDA
SR-152-2359	Batch 147 Clean Stockpile	8	4.45E-01	1.43E-01	<MDA	<MDA
SR-152-2360	Batch 147 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2361	Batch 147 Clean Stockpile	10	4.24E-01	1.35E-01	<MDA	<MDA
SR-152-2362	Batch 147 Clean Stockpile	11	2.91E-01	7.08E-02	<MDA	<MDA
SR-152-2363	Batch 147 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2364	Batch 147 Clean Stockpile	13	2.97E-01	7.12E-02	<MDA	<MDA
SR-152-2365	Batch 147 Clean Stockpile	14	2.34E-01	9.79E-02	<MDA	<MDA
SR-152-2366	Batch 147 Clean Stockpile	15	4.63E-01	1.40E-01	<MDA	<MDA
SR-152-2367	Batch 147 Clean Stockpile	16	2.59E-01	1.02E-01	<MDA	<MDA
SR-152-2368	Batch 148 Clean Stockpile	1	2.04E-01	8.92E-02	<MDA	<MDA
SR-152-2369	Batch 148 Clean Stockpile	2	2.51E-01	6.94E-02	<MDA	<MDA
SR-152-2370	Batch 148 Clean Stockpile	3	3.16E-01	9.07E-02	<MDA	<MDA
SR-152-2371	Batch 148 Clean Stockpile	4	3.19E-01	8.14E-02	<MDA	<MDA
SR-152-2372	Batch 148 Clean Stockpile	5	3.77E-01	1.30E-01	<MDA	<MDA
SR-152-2373	Batch 148 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2374	Batch 148 Clean Stockpile	7	3.00E-01	1.14E-01	<MDA	<MDA
SR-152-2375	Batch 148 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2376	Batch 148 Clean Stockpile	9	3.26E-01	6.71E-02	<MDA	<MDA
SR-152-2377	Batch 148 Clean Stockpile	10	4.48E-01	1.41E-01	<MDA	<MDA
SR-152-2378	Batch 148 Clean Stockpile	11	3.96E-01	1.27E-01	<MDA	<MDA
SR-152-2379	Batch 148 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2380	Batch 148 Clean Stockpile	13	2.12E-01	6.57E-02	<MDA	<MDA
SR-152-2381	Batch 148 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2382	Batch 148 Clean Stockpile	15	3.06E-01	7.93E-02	<MDA	<MDA
SR-152-2383	Batch 148 Clean Stockpile	16	4.17E-01	1.28E-01	<MDA	<MDA
SR-152-2384	Batch 149 Clean Stockpile	1	4.25E-01	1.29E-01	<MDA	<MDA
SR-152-2385	Batch 149 Clean Stockpile	2	3.53E-01	1.15E-01	<MDA	<MDA
SR-152-2386	Batch 149 Clean Stockpile	3	2.51E-01	9.87E-02	<MDA	<MDA
SR-152-2387	Batch 149 Clean Stockpile	4	3.23E-01	7.34E-02	<MDA	<MDA
SR-152-2388	Batch 149 Clean Stockpile	5	2.15E-01	6.49E-02	<MDA	<MDA
SR-152-2389	Batch 149 Clean Stockpile	6	3.86E-01	1.23E-01	<MDA	<MDA
SR-152-2390	Batch 149 Clean Stockpile	7	2.21E-01	9.06E-02	<MDA	<MDA
SR-152-2391	Batch 149 Clean Stockpile	8	5.53E-01	1.53E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2392	Batch 149 Clean Stockpile	9	2.74E-01	1.04E-01	<MDA	<MDA
SR-152-2393	Batch 149 Clean Stockpile	10	2.92E-01	1.09E-01	<MDA	<MDA
SR-152-2394	Batch 149 Clean Stockpile	11	3.17E-01	1.09E-01	<MDA	<MDA
SR-152-2395	Batch 149 Clean Stockpile	12	3.39E-01	1.43E-01	<MDA	<MDA
SR-152-2396	Batch 149 Clean Stockpile	13	3.51E-01	1.17E-01	<MDA	<MDA
SR-152-2397	Batch 149 Clean Stockpile	14	2.27E-01	9.60E-02	<MDA	<MDA
SR-152-2398	Batch 149 Clean Stockpile	15	3.45E-01	8.89E-02	<MDA	<MDA
SR-152-2399	Batch 149 Clean Stockpile	16	3.59E-01	1.18E-01	<MDA	<MDA
SR-152-2400	Batch 150 Clean Stockpile	1	2.83E-01	1.13E-01	<MDA	<MDA
SR-152-2401	Batch 150 Clean Stockpile	2	3.57E-01	1.23E-01	<MDA	<MDA
SR-152-2402	Batch 150 Clean Stockpile	3	4.01E-01	1.09E-01	<MDA	<MDA
SR-152-2403	Batch 150 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2404	Batch 150 Clean Stockpile	5	3.01E-01	1.14E-01	<MDA	<MDA
SR-152-2405	Batch 150 Clean Stockpile	6	3.41E-01	1.46E-01	<MDA	<MDA
SR-152-2406	Batch 150 Clean Stockpile	7	3.17E-01	1.18E-01	<MDA	<MDA
SR-152-2407	Batch 150 Clean Stockpile	8	3.27E-01	8.26E-02	<MDA	<MDA
SR-152-2408	Batch 150 Clean Stockpile	9	3.13E-01	1.11E-01	<MDA	<MDA
SR-152-2409	Batch 150 Clean Stockpile	10	2.58E-01	6.83E-02	<MDA	<MDA
SR-152-2410	Batch 150 Clean Stockpile	11	2.63E-01	8.62E-02	<MDA	<MDA
SR-152-2411	Batch 150 Clean Stockpile	12	2.15E-01	8.97E-02	<MDA	<MDA
SR-152-2412	Batch 150 Clean Stockpile	13	2.62E-01	7.23E-02	<MDA	<MDA
SR-152-2413	Batch 150 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2414	Batch 150 Clean Stockpile	15	2.26E-01	9.86E-02	<MDA	<MDA
SR-152-2415	Batch 150 Clean Stockpile	16	4.08E-01	1.38E-01	<MDA	<MDA
SR-152-2416	Batch 151 Clean Stockpile	1	2.92E-01	9.12E-02	<MDA	<MDA
SR-152-2417	Batch 151 Clean Stockpile	2	4.94E-01	1.53E-01	<MDA	<MDA
SR-152-2418	Batch 151 Clean Stockpile	3	3.24E-01	1.07E-01	<MDA	<MDA
SR-152-2419	Batch 151 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2420	Batch 151 Clean Stockpile	5	3.36E-01	9.12E-02	<MDA	<MDA
SR-152-2421	Batch 151 Clean Stockpile	6	3.55E-01	1.28E-01	<MDA	<MDA
SR-152-2422	Batch 151 Clean Stockpile	7	3.46E-01	8.43E-02	<MDA	<MDA
SR-152-2423	Batch 151 Clean Stockpile	8	3.30E-01	6.93E-02	<MDA	<MDA
SR-152-2424	Batch 151 Clean Stockpile	9	2.91E-01	5.92E-02	<MDA	<MDA
SR-152-2425	Batch 151 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2426	Batch 151 Clean Stockpile	11	3.08E-01	1.13E-01	<MDA	<MDA
SR-152-2427	Batch 151 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2428	Batch 151 Clean Stockpile	13	2.62E-01	1.09E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2429	Batch 151 Clean Stockpile	14	3.19E-01	1.19E-01	<MDA	<MDA
SR-152-2430	Batch 151 Clean Stockpile	15	3.88E-01	9.33E-02	<MDA	<MDA
SR-152-2431	Batch 151 Clean Stockpile	16	8.43E-01	1.50E-01	<MDA	<MDA
SR-152-2432	Batch 152 Clean Stockpile	1	2.11E-01	8.03E-02	<MDA	<MDA
SR-152-2433	Batch 152 Clean Stockpile	2	2.86E-01	8.08E-02	<MDA	<MDA
SR-152-2434	Batch 152 Clean Stockpile	3	3.25E-01	8.94E-02	<MDA	<MDA
SR-152-2435	Batch 152 Clean Stockpile	4	2.20E-01	9.62E-02	<MDA	<MDA
SR-152-2436	Batch 152 Clean Stockpile	5	2.60E-01	1.04E-01	<MDA	<MDA
SR-152-2437	Batch 152 Clean Stockpile	6	3.04E-01	7.26E-02	<MDA	<MDA
SR-152-2438	Batch 152 Clean Stockpile	7	3.18E-01	1.08E-01	<MDA	<MDA
SR-152-2439	Batch 152 Clean Stockpile	8	2.76E-01	9.95E-02	<MDA	<MDA
SR-152-2440	Batch 152 Clean Stockpile	9	2.60E-01	1.02E-01	<MDA	<MDA
SR-152-2441	Batch 152 Clean Stockpile	10	2.46E-01	7.50E-02	<MDA	<MDA
SR-152-2442	Batch 152 Clean Stockpile	11	2.62E-01	1.01E-01	<MDA	<MDA
SR-152-2443	Batch 152 Clean Stockpile	12	2.50E-01	9.49E-02	<MDA	<MDA
SR-152-2444	Batch 152 Clean Stockpile	13	2.16E-01	9.23E-02	<MDA	<MDA
SR-152-2445	Batch 152 Clean Stockpile	14	2.61E-01	1.01E-01	<MDA	<MDA
SR-152-2446	Batch 152 Clean Stockpile	15	3.07E-01	1.25E-01	<MDA	<MDA
SR-152-2447	Batch 152 Clean Stockpile	16	3.03E-01	8.79E-02	<MDA	<MDA
SR-152-2448	Batch 153 Clean Stockpile	1	2.27E-01	9.94E-02	<MDA	<MDA
SR-152-2449	Batch 153 Clean Stockpile	2	2.45E-01	1.02E-01	<MDA	<MDA
SR-152-2450	Batch 153 Clean Stockpile	3	2.67E-01	7.83E-02	<MDA	<MDA
SR-152-2451	Batch 153 Clean Stockpile	4	2.66E-01	7.33E-02	<MDA	<MDA
SR-152-2452	Batch 153 Clean Stockpile	5	2.52E-01	7.56E-02	<MDA	<MDA
SR-152-2453	Batch 153 Clean Stockpile	6	2.77E-01	1.07E-01	<MDA	<MDA
SR-152-2454	Batch 153 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2455	Batch 153 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2456	Batch 153 Clean Stockpile	9	2.35E-01	8.11E-02	<MDA	<MDA
SR-152-2457	Batch 153 Clean Stockpile	10	2.76E-01	1.11E-01	<MDA	<MDA
SR-152-2458	Batch 153 Clean Stockpile	11	2.84E-01	1.12E-01	<MDA	<MDA
SR-152-2459	Batch 153 Clean Stockpile	12	2.72E-01	7.77E-02	<MDA	<MDA
SR-152-2460	Batch 153 Clean Stockpile	13	2.76E-01	1.06E-01	<MDA	<MDA
SR-152-2461	Batch 153 Clean Stockpile	14	2.15E-01	8.99E-02	<MDA	<MDA
SR-152-2462	Batch 153 Clean Stockpile	15	1.98E-01	8.86E-02	<MDA	<MDA
SR-152-2463	Batch 153 Clean Stockpile	16	3.10E-01	1.14E-01	<MDA	<MDA
SR-152-2464	Batch 154 Clean Stockpile	1	3.06E-01	1.07E-01	<MDA	<MDA
SR-152-2465	Batch 154 Clean Stockpile	2	2.29E-01	6.57E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2466	Batch 154 Clean Stockpile	3	2.74E-01	1.00E-01	<MDA	<MDA
SR-152-2467	Batch 154 Clean Stockpile	4	2.46E-01	8.06E-02	<MDA	<MDA
SR-152-2468	Batch 154 Clean Stockpile	5	2.95E-01	1.10E-01	<MDA	<MDA
SR-152-2469	Batch 154 Clean Stockpile	6	1.97E-01	6.72E-02	<MDA	<MDA
SR-152-2470	Batch 154 Clean Stockpile	7	2.62E-01	1.03E-01	<MDA	<MDA
SR-152-2471	Batch 154 Clean Stockpile	8	2.37E-01	1.01E-01	<MDA	<MDA
SR-152-2472	Batch 154 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2473	Batch 154 Clean Stockpile	10	1.99E-01	6.55E-02	<MDA	<MDA
SR-152-2474	Batch 154 Clean Stockpile	11	1.99E-01	7.03E-02	<MDA	<MDA
SR-152-2475	Batch 154 Clean Stockpile	12	2.60E-01	1.02E-01	<MDA	<MDA
SR-152-2476	Batch 154 Clean Stockpile	13	2.79E-01	1.08E-01	<MDA	<MDA
SR-152-2477	Batch 154 Clean Stockpile	14	3.08E-01	1.19E-01	<MDA	<MDA
SR-152-2478	Batch 154 Clean Stockpile	15	2.04E-01	7.71E-02	<MDA	<MDA
SR-152-2479	Batch 154 Clean Stockpile	16	1.83E-01	6.25E-02	<MDA	<MDA
SR-152-2480	Batch 155 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2481	Batch 155 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2482	Batch 155 Clean Stockpile	3	2.66E-01	1.09E-01	<MDA	<MDA
SR-152-2483	Batch 155 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2484	Batch 155 Clean Stockpile	5	2.62E-01	1.05E-01	<MDA	<MDA
SR-152-2485	Batch 155 Clean Stockpile	6	2.19E-01	8.95E-02	<MDA	<MDA
SR-152-2486	Batch 155 Clean Stockpile	7	2.25E-01	7.58E-02	<MDA	<MDA
SR-152-2487	Batch 155 Clean Stockpile	8	1.77E-01	5.85E-02	<MDA	<MDA
SR-152-2488	Batch 155 Clean Stockpile	9	1.52E-01	6.35E-02	<MDA	<MDA
SR-152-2489	Batch 155 Clean Stockpile	10	2.82E-01	1.09E-01	<MDA	<MDA
SR-152-2490	Batch 155 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2491	Batch 155 Clean Stockpile	12	2.75E-01	1.06E-01	<MDA	<MDA
SR-152-2492	Batch 155 Clean Stockpile	13	1.44E-01	4.78E-02	<MDA	<MDA
SR-152-2493	Batch 155 Clean Stockpile	14	1.87E-01	6.17E-02	<MDA	<MDA
SR-152-2494	Batch 155 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2495	Batch 155 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2496	Batch 156 Clean Stockpile	1	3.36E-01	1.19E-01	<MDA	<MDA
SR-152-2497	Batch 156 Clean Stockpile	2	1.35E-01	5.65E-02	<MDA	<MDA
SR-152-2498	Batch 156 Clean Stockpile	3	2.12E-01	9.08E-02	<MDA	<MDA
SR-152-2499	Batch 156 Clean Stockpile	4	1.62E-01	5.37E-02	<MDA	<MDA
SR-152-2500	Batch 156 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2501	Batch 156 Clean Stockpile	6	1.65E-01	7.44E-02	<MDA	<MDA
SR-152-2502	Batch 156 Clean Stockpile	7	1.95E-01	8.51E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2503	Batch 156 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2504	Batch 156 Clean Stockpile	9	2.04E-01	6.04E-02	<MDA	<MDA
SR-152-2505	Batch 156 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2506	Batch 156 Clean Stockpile	11	1.58E-01	5.14E-02	<MDA	<MDA
SR-152-2507	Batch 156 Clean Stockpile	12	2.37E-01	1.07E-01	<MDA	<MDA
SR-152-2508	Batch 156 Clean Stockpile	13	2.31E-01	6.45E-02	<MDA	<MDA
SR-152-2509	Batch 156 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2510	Batch 156 Clean Stockpile QCI	15	1.11E-01	4.74E-02	<MDA	<MDA
SR-152-2511	Batch 156 Clean Stockpile QCR	16	1.48E-01	6.03E-02	<MDA	<MDA
SR-152-2518	Batch 156 Clean Stockpile	17	2.62E-01	1.05E-01	<MDA	<MDA
SR-152-2512	Batch 157 Clean Stockpile	1	1.58E-01	5.42E-02	<MDA	<MDA
SR-152-2513	Batch 157 Clean Stockpile	2	1.80E-01	6.71E-02	<MDA	<MDA
SR-152-2514	Batch 157 Clean Stockpile	3	2.12E-01	7.32E-02	<MDA	<MDA
SR-152-2515	Batch 157 Clean Stockpile	4	2.00E-01	5.14E-02	<MDA	<MDA
SR-152-2516	Batch 157 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2517	Batch 157 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2519	Batch 157 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2520	Batch 157 Clean Stockpile	8	2.10E-01	9.42E-02	<MDA	<MDA
SR-152-2521	Batch 157 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2522	Batch 157 Clean Stockpile	10	2.52E-01	9.55E-02	<MDA	<MDA
SR-152-2523	Batch 157 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2524	Batch 157 Clean Stockpile	12	2.56E-01	1.03E-01	<MDA	<MDA
SR-152-2525	Batch 157 Clean Stockpile	13	1.25E-01	5.04E-02	<MDA	<MDA
SR-152-2526	Batch 157 Clean Stockpile	14	2.22E-01	9.29E-02	<MDA	<MDA
SR-152-2527	Batch 157 Clean Stockpile	15	2.24E-01	9.34E-02	<MDA	<MDA
SR-152-2528	Batch 157 Clean Stockpile	16	2.40E-01	1.00E-01	<MDA	<MDA
SR-152-2529	Batch 158 Clean Stockpile	1	3.29E-01	1.22E-01	<MDA	<MDA
SR-152-2530	Batch 158 Clean Stockpile	2	2.99E-01	9.34E-02	<MDA	<MDA
SR-152-2531	Batch 158 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2532	Batch 158 Clean Stockpile	4	2.13E-01	6.44E-02	<MDA	<MDA
SR-152-2533	Batch 158 Clean Stockpile	5	2.55E-01	1.11E-01	<MDA	<MDA
SR-152-2534	Batch 158 Clean Stockpile	6	2.87E-01	7.69E-02	<MDA	<MDA
SR-152-2535	Batch 158 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2536	Batch 158 Clean Stockpile	8	2.19E-01	6.18E-02	<MDA	<MDA
SR-152-2537	Batch 158 Clean Stockpile	9	2.24E-01	5.68E-02	<MDA	<MDA
SR-152-2538	Batch 158 Clean Stockpile	10	2.27E-01	9.48E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2539	Batch 158 Clean Stockpile	11	1.63E-01	5.77E-02	<MDA	<MDA
SR-152-2540	Batch 158 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2541	Batch 158 Clean Stockpile	13	1.61E-01	6.80E-02	<MDA	<MDA
SR-152-2542	Batch 158 Clean Stockpile	14	1.84E-01	6.06E-02	<MDA	<MDA
SR-152-2543	Batch 158 Clean Stockpile QCI	15	1.95E-01	8.32E-02	<MDA	<MDA
SR-152-2544	Batch 158 Clean Stockpile QCR	16	1.81E-01	5.60E+03	<MDA	<MDA
SR-152-2585	Batch 158 Clean Stockpile	17	2.02E-01	4.70E-02	<MDA	<MDA
SR-152-2586	Batch 158 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2545	Batch 159 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2546	Batch 159 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2547	Batch 159 Clean Stockpile	4	2.23E-01	9.51E-02	<MDA	<MDA
SR-152-2548	Batch 159 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2549	Batch 159 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2550	Batch 159 Clean Stockpile	7	1.74E-01	6.40E-02	<MDA	<MDA
SR-152-2551	Batch 159 Clean Stockpile	8	1.98E-01	5.46E-02	<MDA	<MDA
SR-152-2552	Batch 159 Clean Stockpile	9	1.57E-01	6.12E-02	<MDA	<MDA
SR-152-2553	Batch 159 Clean Stockpile	10	2.19E-01	7.11E-02	<MDA	<MDA
SR-152-2554	Batch 159 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2555	Batch 159 Clean Stockpile	12	1.38E-01	6.08E-02	<MDA	<MDA
SR-152-2556	Batch 159 Clean Stockpile	13	2.06E-01	6.37E-02	<MDA	<MDA
SR-152-2557	Batch 159 Clean Stockpile	14	1.88E-01	7.47E-02	<MDA	<MDA
SR-152-2558	Batch 159 Clean Stockpile	15	1.65E-01	5.60E-02	<MDA	<MDA
SR-152-2559	Batch 159 Clean Stockpile	16	1.53E-01	5.55E-02	<MDA	<MDA
SR-152-2560	Batch 159 Clean Stockpile	17	1.81E-01	8.11E-02	<MDA	<MDA
SR-152-2561	Batch 160 Clean Stockpile	1	1.43E-01	5.79E-02	<MDA	<MDA
SR-152-2562	Batch 160 Clean Stockpile	2	1.45E-01	6.01E-02	<MDA	<MDA
SR-152-2563	Batch 160 Clean Stockpile	3	2.18E-01	6.32E-02	<MDA	<MDA
SR-152-2564	Batch 160 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2565	Batch 160 Clean Stockpile	5	3.06E-01	1.05E-01	<MDA	<MDA
SR-152-2566	Batch 160 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2567	Batch 160 Clean Stockpile	7	2.26E-01	9.04E-02	<MDA	<MDA
SR-152-2568	Batch 160 Clean Stockpile	8	1.77E-01	6.36E-02	<MDA	<MDA
SR-152-2569	Batch 160 Clean Stockpile	9	2.77E-01	9.97E-02	<MDA	<MDA
SR-152-2570	Batch 160 Clean Stockpile	10	1.94E-01	8.48E-02	<MDA	<MDA
SR-152-2571	Batch 160 Clean Stockpile	11	2.04E-01	8.73E-02	<MDA	<MDA
SR-152-2572	Batch 160 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2573	Batch 160 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2574	Batch 160 Clean Stockpile	14	2.09E-01	5.63E-02	<MDA	<MDA
SR-152-2575	Batch 160 Clean Stockpile	15	1.89E-01	8.28E-02	<MDA	<MDA
SR-152-2576	Batch 160 Clean Stockpile	16	2.33E-01	7.93E-02	<MDA	<MDA
SR-152-2577	Batch 161 Clean Stockpile	1	1.59E-01	6.58E-02	<MDA	<MDA
SR-152-2578	Batch 161 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2579	Batch 161 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2580	Batch 161 Clean Stockpile	4	1.95E-01	8.75E-02	<MDA	<MDA
SR-152-2581	Batch 161 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2582	Batch 161 Clean Stockpile	6	1.71E-01	6.75E-02	<MDA	<MDA
SR-152-2583	Batch 161 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2584	Batch 161 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2587	Batch 161 Clean Stockpile	9	1.32E-01	4.92E-02	<MDA	<MDA
SR-152-2588	Batch 161 Clean Stockpile	10	2.98E-01	1.11E-01	<MDA	<MDA
SR-152-2589	Batch 161 Clean Stockpile	11	2.21E-01	5.27E-02	<MDA	<MDA
SR-152-2590	Batch 161 Clean Stockpile	12	1.71E-01	5.96E-02	<MDA	<MDA
SR-152-2591	Batch 161 Clean Stockpile	13	2.32E-01	9.32E-02	<MDA	<MDA
SR-152-2592	Batch 161 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2593	Batch 161 Clean Stockpile	15	1.81E-01	7.08E-02	<MDA	<MDA
SR-152-2594	Batch 161 Clean Stockpile	16	2.47E-01	6.80E-02	<MDA	<MDA
SR-152-2595	Batch 162 Clean Stockpile	1	2.45E-01	8.01E-02	<MDA	<MDA
SR-152-2596	Batch 162 Clean Stockpile	2	2.17E-01	9.48E-02	<MDA	<MDA
SR-152-2597	Batch 162 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2598	Batch 162 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2599	Batch 162 Clean Stockpile	5	1.99E-01	5.55E-02	<MDA	<MDA
SR-152-2600	Batch 162 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2601	Batch 162 Clean Stockpile	7	1.52E-01	6.78E-02	<MDA	<MDA
SR-152-2602	Batch 162 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2603	Batch 162 Clean Stockpile	9	1.96E-01	8.18E-02	<MDA	<MDA
SR-152-2604	Batch 162 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2605	Batch 162 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2606	Batch 162 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2607	Batch 162 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2608	Batch 162 Clean Stockpile	14	1.55E-01	5.42E-02	<MDA	<MDA
SR-152-2609	Batch 162 Clean Stockpile	15	1.43E-01	3.98E-02	<MDA	<MDA
SR-152-2610	Batch 162 Clean Stockpile	16	1.64E-01	4.74E-02	<MDA	<MDA
SR-152-2611	Batch 163 Clean Stockpile	1	2.09E-01	6.81E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2612	Batch 163 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2613	Batch 163 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2614	Batch 163 Clean Stockpile	4	1.77E-01	6.12E-02	<MDA	<MDA
SR-152-2615	Batch 163 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2616	Batch 163 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2617	Batch 163 Clean Stockpile	7	1.88E-01	7.22E-02	<MDA	<MDA
SR-152-2618	Batch 163 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2619	Batch 163 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2620	Batch 163 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2621	Batch 163 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2622	Batch 163 Clean Stockpile	12	1.46E-01	6.26E-02	<MDA	<MDA
SR-152-2623	Batch 163 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2624	Batch 163 Clean Stockpile	14	1.66E-01	6.29E-02	<MDA	<MDA
SR-152-2625	Batch 163 Clean Stockpile	15	1.71E-01	5.24E-02	<MDA	<MDA
SR-152-2626	Batch 163 Clean Stockpile	16	1.52E-01	4.54E-02	<MDA	<MDA
SR-152-2627	Batch 164 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2628	Batch 164 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2629	Batch 164 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2630	Batch 164 Clean Stockpile	4	1.29E-01	4.88E-02	<MDA	<MDA
SR-152-2631	Batch 164 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2632	Batch 164 Clean Stockpile	6	1.82E-01	7.06E-02	<MDA	<MDA
SR-152-2633	Batch 164 Clean Stockpile	7	1.80E-01	5.71E-02	<MDA	<MDA
SR-152-2634	Batch 164 Clean Stockpile	8	2.18E-01	6.59E-02	<MDA	<MDA
SR-152-2635	Batch 164 Clean Stockpile	9	2.34E-01	9.19E-02	<MDA	<MDA
SR-152-2636	Batch 164 Clean Stockpile	10	2.17E-01	7.79E-02	<MDA	<MDA
SR-152-2637	Batch 164 Clean Stockpile	11	2.15E-01	6.83E-02	<MDA	<MDA
SR-152-2638	Batch 164 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2639	Batch 164 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2640	Batch 164 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2641	Batch 164 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2642	Batch 164 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2643	Batch 165 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2644	Batch 165 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2645	Batch 165 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2646	Batch 165 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2647	Batch 165 Clean Stockpile	5	2.49E-01	9.61E-02	<MDA	<MDA
SR-152-2648	Batch 165 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2649	Batch 165 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2650	Batch 165 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2651	Batch 165 Clean Stockpile	9	1.65E-01	5.99E-02	<MDA	<MDA
SR-152-2652	Batch 165 Clean Stockpile	10	1.76E-01	6.99E-02	<MDA	<MDA
SR-152-2653	Batch 165 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2654	Batch 165 Clean Stockpile	12	2.48E-01	1.04E-01	<MDA	<MDA
SR-152-2655	Batch 165 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2656	Batch 165 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2657	Batch 165 Clean Stockpile QCI	15	1.58E-01	6.67E-02	<MDA	<MDA
SR-152-2658	Batch 165 Clean Stockpile QCR	16	1.44E-01	5.53E-02	<MDA	<MDA
SR-152-2697	Batch 165 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-2659	Batch 166 Clean Stockpile	1	2.75E-01	1.02E-01	<MDA	<MDA
SR-152-2660	Batch 166 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2661	Batch 166 Clean Stockpile	3	1.86E-01	6.13E-02	<MDA	<MDA
SR-152-2662	Batch 166 Clean Stockpile	4	1.92E-01	6.18E-02	<MDA	<MDA
SR-152-2663	Batch 166 Clean Stockpile	5	2.07E-01	8.34E-02	<MDA	<MDA
SR-152-2664	Batch 166 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2665	Batch 166 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2666	Batch 166 Clean Stockpile	8	2.81E-01	1.13E-01	<MDA	<MDA
SR-152-2667	Batch 166 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2668	Batch 166 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2669	Batch 166 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2670	Batch 166 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2671	Batch 166 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2672	Batch 166 Clean Stockpile	14	2.03E-01	8.79E-02	<MDA	<MDA
SR-152-2673	Batch 166 Clean Stockpile QCI	15	1.49E-01	5.69E-02	<MDA	<MDA
SR-152-2674	Batch 166 Clean Stockpile QCR	16	1.91E-01	6.28E-02	<MDA	<MDA
SR-152-2698	Batch 166 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-2675	Batch 167 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2676	Batch 167 Clean Stockpile	2	1.99E-01	8.93E-02	<MDA	<MDA
SR-152-2677	Batch 167 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2678	Batch 167 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2679	Batch 167 Clean Stockpile	5	1.98E-01	8.87E-02	<MDA	<MDA
SR-152-2680	Batch 167 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2681	Batch 167 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2682	Batch 167 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2683	Batch 167 Clean Stockpile	9	1.77E-01	6.10E-02	<MDA	<MDA
SR-152-2684	Batch 167 Clean Stockpile	10	1.90E-01	7.40E-02	<MDA	<MDA
SR-152-2685	Batch 167 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2686	Batch 167 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2687	Batch 167 Clean Stockpile	13	1.60E-01	6.85E-02	<MDA	<MDA
SR-152-2688	Batch 167 Clean Stockpile	14	1.84E-01	8.46E-02	<MDA	<MDA
SR-152-2689	Batch 167 Clean Stockpile	15	1.36E-01	5.99E-02	<MDA	<MDA
SR-152-2690	Batch 167 Clean Stockpile	16	1.51E-01	5.81E-02	<MDA	<MDA
SR-152-2691	Batch 168 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2692	Batch 168 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2693	Batch 168 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2694	Batch 168 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2695	Batch 168 Clean Stockpile	5	1.56E-01	4.55E-02	<MDA	<MDA
SR-152-2696	Batch 168 Clean Stockpile	6	1.98E-01	8.91E-02	<MDA	<MDA
SR-152-2699	Batch 168 Clean Stockpile	7	2.62E-01	1.03E-01	<MDA	<MDA
SR-152-2700	Batch 168 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2701	Batch 168 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2702	Batch 168 Clean Stockpile	10	1.68E-01	5.80E-02	<MDA	<MDA
SR-152-2703	Batch 168 Clean Stockpile	11	1.44E-01	7.08E-02	<MDA	<MDA
SR-152-2704	Batch 168 Clean Stockpile	12	1.83E-01	5.73E-02	<MDA	<MDA
SR-152-2705	Batch 168 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2706	Batch 168 Clean Stockpile	14	1.79E-01	5.82E-02	<MDA	<MDA
SR-152-2707	Batch 168 Clean Stockpile QCI	15	2.04E-01	9.12E-02	<MDA	<MDA
SR-152-2708	Batch 168 Clean Stockpile QCR	16	1.62E-01	5.76E-02	<MDA	<MDA
SR-152-2728	Batch 168 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-2709	Batch 169 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2710	Batch 169 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2711	Batch 169 Clean Stockpile	3	1.85E-01	8.97E-02	<MDA	<MDA
SR-152-2712	Batch 169 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2713	Batch 169 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2714	Batch 169 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2715	Batch 169 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2716	Batch 169 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2717	Batch 169 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2718	Batch 169 Clean Stockpile	10	1.86E-01	6.60E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2719	Batch 169 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2720	Batch 169 Clean Stockpile	12	1.72E-01	7.28E-02	<MDA	<MDA
SR-152-2721	Batch 169 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2722	Batch 169 Clean Stockpile	14	1.79E-01	8.45E-02	<MDA	<MDA
SR-152-2723	Batch 169 Clean Stockpile	15	1.99E-01	8.68E-02	<MDA	<MDA
SR-152-2724	Batch 169 Clean Stockpile	16	1.84E-01	6.16E-02	<MDA	<MDA
SR-152-2725	Batch 170 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2726	Batch 170 Clean Stockpile	2	1.69E-01	7.98E-02	<MDA	<MDA
SR-152-2727	Batch 170 Clean Stockpile	3	1.39E-01	5.32E-02	<MDA	<MDA
SR-152-2729	Batch 170 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2730	Batch 170 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2731	Batch 170 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2732	Batch 170 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2733	Batch 170 Clean Stockpile	8	1.60E-01	7.75E-02	<MDA	<MDA
SR-152-2734	Batch 170 Clean Stockpile	9	2.27E-01	9.48E-02	<MDA	<MDA
SR-152-2735	Batch 170 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2736	Batch 170 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2737	Batch 170 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2738	Batch 170 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2739	Batch 170 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2740	Batch 170 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2741	Batch 170 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2742	Batch 171 Clean Stockpile	1	1.97E-01	8.43E-02	<MDA	<MDA
SR-152-2743	Batch 171 Clean Stockpile	2	1.46E-01	5.34E-02	<MDA	<MDA
SR-152-2744	Batch 171 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2745	Batch 171 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2746	Batch 171 Clean Stockpile	5	1.60E-01	5.42E-02	<MDA	<MDA
SR-152-2747	Batch 171 Clean Stockpile	6	1.75E-01	8.03E-02	<MDA	<MDA
SR-152-2748	Batch 171 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2749	Batch 171 Clean Stockpile	8	2.48E-01	9.56E-02	<MDA	<MDA
SR-152-2750	Batch 171 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2751	Batch 171 Clean Stockpile	10	2.42E-01	7.25E-02	<MDA	<MDA
SR-152-2752	Batch 171 Clean Stockpile	11	1.73E-01	5.78E-02	<MDA	<MDA
SR-152-2753	Batch 171 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2754	Batch 171 Clean Stockpile	13	1.47E-01	5.29E-02	<MDA	<MDA
SR-152-2755	Batch 171 Clean Stockpile	14	2.14E-01	7.51E-02	<MDA	<MDA
SR-152-2756	Batch 171 Clean Stockpile QCI	15	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2757	Batch 171 Clean Stockpile QCR	16	<MDA	<MDA	<MDA	<MDA
SR-152-2790	Batch 171 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-2758	Batch 172 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2759	Batch 172 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2760	Batch 172 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2761	Batch 172 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2762	Batch 172 Clean Stockpile	5	1.92E-01	9.07E-02	<MDA	<MDA
SR-152-2763	Batch 172 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2764	Batch 172 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2765	Batch 172 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2766	Batch 172 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2767	Batch 172 Clean Stockpile	10	1.84E-01	8.92E-02	<MDA	<MDA
SR-152-2768	Batch 172 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2769	Batch 172 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2770	Batch 172 Clean Stockpile	13	2.33E-01	9.36E-02	<MDA	<MDA
SR-152-2771	Batch 172 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2772	Batch 172 Clean Stockpile	15	1.34E-01	5.35E-02	<MDA	<MDA
SR-152-2773	Batch 172 Clean Stockpile	16	1.59E-01	5.91E-02	<MDA	<MDA
SR-152-2782	Batch 173 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2783	Batch 173 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2784	Batch 173 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2785	Batch 173 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2786	Batch 173 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2787	Batch 173 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2788	Batch 173 Clean Stockpile QCI	7	1.05E-01	4.51E-02	<MDA	<MDA
SR-152-2789	Batch 173 Clean Stockpile QCR	8	1.14E-01	4.77E-02	<MDA	<MDA
SR-152-2774	Batch 173 Clean Stockpile	9	1.19E-01	4.02E-02	<MDA	<MDA
SR-152-2775	Batch 173 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2776	Batch 173 Clean Stockpile	11	1.97E-01	8.81E-02	<MDA	<MDA
SR-152-2777	Batch 173 Clean Stockpile	12	1.65E-01	7.74E-02	<MDA	<MDA
SR-152-2778	Batch 173 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2779	Batch 173 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2780	Batch 173 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2781	Batch 173 Clean Stockpile	16	2.12E-01	9.25E-02	<MDA	<MDA
SR-152-2791	Batch 174 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2792	Batch 174 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2793	Batch 174 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2794	Batch 174 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2795	Batch 174 Clean Stockpile	5	2.20E-01	9.64E-02	<MDA	<MDA
SR-152-2796	Batch 174 Clean Stockpile	6	2.52E-01	1.08E-01	<MDA	<MDA
SR-152-2797	Batch 174 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2798	Batch 174 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2799	Batch 174 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2800	Batch 174 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2801	Batch 174 Clean Stockpile	11	2.78E-01	1.11E-01	<MDA	<MDA
SR-152-2802	Batch 174 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2803	Batch 174 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2804	Batch 174 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2805	Batch 174 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2806	Batch 174 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2807	Batch 175 Clean Stockpile	1	1.85E-01	8.74E-02	<MDA	<MDA
SR-152-2808	Batch 175 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2809	Batch 175 Clean Stockpile	3	1.97E-01	9.30E-02	<MDA	<MDA
SR-152-2810	Batch 175 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2811	Batch 175 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2812	Batch 175 Clean Stockpile	6	1.96E-01	9.82E-02	<MDA	<MDA
SR-152-2813	Batch 175 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2814	Batch 175 Clean Stockpile	8	8.01E-01	1.91E-01	<MDA	<MDA
SR-152-2815	Batch 175 Clean Stockpile	9	2.10E-01	9.89E-02	<MDA	<MDA
SR-152-2816	Batch 175 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2817	Batch 175 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2818	Batch 175 Clean Stockpile	12	1.95E-01	9.19E-02	<MDA	<MDA
SR-152-2819	Batch 175 Clean Stockpile	13	1.79E-01	8.98E-02	<MDA	<MDA
SR-152-2820	Batch 175 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2821	Batch 175 Clean Stockpile QCI	15	<MDA	<MDA	<MDA	<MDA
SR-152-2822	Batch 175 Clean Stockpile QCR	16	<MDA	<MDA	<MDA	<MDA
SR-152-2823	Batch 175 Clean Stockpile	17	<MDA	<MDA	<MDA	<MDA
SR-152-2824	Batch 176 Clean Stockpile	1	1.57E-01	7.60E-02	<MDA	<MDA
SR-152-2825	Batch 176 Clean Stockpile	2	2.10E-01	8.97E-02	<MDA	<MDA
SR-152-2826	Batch 176 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2827	Batch 176 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2828	Batch 176 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2829	Batch 176 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2830	Batch 176 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2831	Batch 176 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2832	Batch 176 Clean Stockpile	9	1.99E-01	8.50E-02	<MDA	<MDA
SR-152-2833	Batch 176 Clean Stockpile	10	2.01E-01	8.79E-02	<MDA	<MDA
SR-152-2834	Batch 176 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2835	Batch 176 Clean Stockpile	12	2.11E-01	9.01E-02	<MDA	<MDA
SR-152-2836	Batch 176 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2837	Batch 176 Clean Stockpile	14	2.34E-01	9.39E-02	<MDA	<MDA
SR-152-2838	Batch 176 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2839	Batch 176 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2840	Batch 177 Clean Stockpile	1	1.90E-01	8.51E-02	<MDA	<MDA
SR-152-2841	Batch 177 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2842	Batch 177 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2843	Batch 177 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2844	Batch 177 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2845	Batch 177 Clean Stockpile	6	2.59E-01	1.04E-01	<MDA	<MDA
SR-152-2846	Batch 177 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2847	Batch 177 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2848	Batch 177 Clean Stockpile	9	1.87E-01	8.82E-02	<MDA	<MDA
SR-152-2849	Batch 177 Clean Stockpile	10	2.21E-01	9.03E-02	<MDA	<MDA
SR-152-2850	Batch 177 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2851	Batch 177 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2852	Batch 177 Clean Stockpile	13	1.90E-01	8.33E-02	<MDA	<MDA
SR-152-2853	Batch 177 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2854	Batch 177 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2855	Batch 177 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2856	Batch 178 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2857	Batch 178 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2858	Batch 178 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2859	Batch 178 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2860	Batch 178 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2861	Batch 178 Clean Stockpile	6	1.92E-01	9.07E-02	<MDA	<MDA
SR-152-2862	Batch 178 Clean Stockpile	7	1.26E-01	5.40E-02	<MDA	<MDA
SR-152-2863	Batch 178 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2864	Batch 178 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2865	Batch 178 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2866	Batch 178 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2867	Batch 178 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2868	Batch 178 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2869	Batch 178 Clean Stockpile	14	2.11E-01	9.24E-02	<MDA	<MDA
SR-152-2870	Batch 178 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2871	Batch 178 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2872	Batch 179 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2873	Batch 179 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2874	Batch 179 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2875	Batch 179 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2876	Batch 179 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2877	Batch 179 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2878	Batch 179 Clean Stockpile	7	3.28E-01	1.20E-01	<MDA	<MDA
SR-152-2879	Batch 179 Clean Stockpile	8	2.51E-01	1.24E-01	<MDA	<MDA
SR-152-2880	Batch 179 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2881	Batch 179 Clean Stockpile	10	1.96E-01	9.54E-02	<MDA	<MDA
SR-152-2882	Batch 179 Clean Stockpile	11	1.80E-01	8.49E-02	<MDA	<MDA
SR-152-2883	Batch 179 Clean Stockpile	12	2.55E-01	1.09E-01	<MDA	<MDA
SR-152-2884	Batch 179 Clean Stockpile	13	2.49E-01	1.09E-01	<MDA	<MDA
SR-152-2885	Batch 179 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2886	Batch 179 Clean Stockpile	15	1.55E-01	5.76E-02	<MDA	<MDA
SR-152-2887	Batch 179 Clean Stockpile	16	1.85E-01	6.45E-02	<MDA	<MDA
SR-152-2888	Batch 180 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2889	Batch 180 Clean Stockpile	2	4.00E-01	1.32E-01	<MDA	<MDA
SR-152-2890	Batch 180 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2891	Batch 180 Clean Stockpile	4	2.97E-01	1.17E-01	<MDA	<MDA
SR-152-2892	Batch 180 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2893	Batch 180 Clean Stockpile QCI	6	3.21E-01	9.84E-02	<MDA	<MDA
SR-152-2894	Batch 180 Clean Stockpile QCR	7	3.29E-01	1.18E-01	<MDA	<MDA
SR-152-2895	Batch 180 Clean Stockpile	8	2.39E-01	9.77E-02	<MDA	<MDA
SR-152-2896	Batch 180 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2897	Batch 180 Clean Stockpile	10	3.55E-01	1.20E-01	<MDA	<MDA
SR-152-2898	Batch 180 Clean Stockpile	11	3.96E-01	1.27E-01	<MDA	<MDA
SR-152-2899	Batch 180 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2900	Batch 180 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2901	Batch 180 Clean Stockpile	14	2.28E-01	9.52E-02	<MDA	<MDA
SR-152-2939	Batch 180 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2940	Batch 180 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2902	Batch 181 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2903	Batch 181 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2904	Batch 181 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2905	Batch 181 Clean Stockpile	4	3.73E-01	1.23E-01	<MDA	<MDA
SR-152-2906	Batch 181 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2907	Batch 181 Clean Stockpile QCI	6	<MDA	<MDA	<MDA	<MDA
SR-152-2908	Batch 181 Clean Stockpile QCR	7	<MDA	<MDA	<MDA	<MDA
SR-152-2909	Batch 181 Clean Stockpile	8	2.60E-01	1.04E-01	<MDA	<MDA
SR-152-2910	Batch 181 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2911	Batch 181 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-2912	Batch 181 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2913	Batch 181 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2914	Batch 181 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2941	Batch 181 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2942	Batch 181 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2967	Batch 181 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2915	Batch 182 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2916	Batch 182 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2917	Batch 182 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2918	Batch 182 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2919	Batch 182 Clean Stockpile	5	2.58E-01	1.04E-01	<MDA	<MDA
SR-152-2920	Batch 182 Clean Stockpile QCI	6	<MDA	<MDA	<MDA	<MDA
SR-152-2921	Batch 182 Clean Stockpile QCR	7	<MDA	<MDA	<MDA	<MDA
SR-152-2922	Batch 182 Clean Stockpile	8	3.13E-01	1.26E-01	<MDA	<MDA
SR-152-2923	Batch 182 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2924	Batch 182 Clean Stockpile	10	2.27E-01	9.71E-02	<MDA	<MDA
SR-152-2925	Batch 182 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2926	Batch 182 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2927	Batch 182 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2928	Batch 182 Clean Stockpile	14	2.54E-01	1.02E-01	<MDA	<MDA
SR-152-2929	Batch 182 Clean Stockpile	15	3.24E-01	1.20E-01	<MDA	<MDA
SR-152-2930	Batch 182 Clean Stockpile	16	3.22E-01	1.20E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2931	Batch 183 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2932	Batch 183 Clean Stockpile	2	2.83E-01	9.43E-02	<MDA	<MDA
SR-152-2933	Batch 183 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2934	Batch 183 Clean Stockpile	4	3.39E-01	1.22E-01	<MDA	<MDA
SR-152-2935	Batch 183 Clean Stockpile	5	4.27E-01	1.45E-01	<MDA	<MDA
SR-152-2936	Batch 183 Clean Stockpile	6	2.50E-01	8.52E-02	<MDA	<MDA
SR-152-2937	Batch 183 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2938	Batch 183 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-2943	Batch 183 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2944	Batch 183 Clean Stockpile	10	2.75E-01	1.12E-01	<MDA	<MDA
SR-152-2945	Batch 183 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2946	Batch 183 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2947	Batch 183 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2948	Batch 183 Clean Stockpile	14	2.51E-01	1.03E-01	<MDA	<MDA
SR-152-2949	Batch 183 Clean Stockpile	15	2.58E-01	9.77E-02	<MDA	<MDA
SR-152-2950	Batch 183 Clean Stockpile	16	2.54E-01	1.02E-01	<MDA	<MDA
SR-152-2951	Batch 184 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2952	Batch 184 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2953	Batch 184 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2954	Batch 184 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2955	Batch 184 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-2956	Batch 184 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2957	Batch 184 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-2958	Batch 184 Clean Stockpile	8	3.02E-01	1.11E-01	<MDA	<MDA
SR-152-2959	Batch 184 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-2960	Batch 184 Clean Stockpile	10	1.53E-01	7.44E-02	<MDA	<MDA
SR-152-2961	Batch 184 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2962	Batch 184 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2963	Batch 184 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2964	Batch 184 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-2965	Batch 184 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-2966	Batch 184 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-2968	Batch 185 Clean Stockpile	1	2.70E-01	1.31E-01	<MDA	<MDA
SR-152-2969	Batch 185 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-2970	Batch 185 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-2971	Batch 185 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2972	Batch 185 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-2973	Batch 185 Clean Stockpile	6	2.90E-01	1.16E-01	<MDA	<MDA
SR-152-2974	Batch 185 Clean Stockpile	7	3.56E-01	1.28E-01	<MDA	<MDA
SR-152-2975	Batch 185 Clean Stockpile	8	2.69E-01	1.13E-01	<MDA	<MDA
SR-152-2976	Batch 185 Clean Stockpile	9	2.75E-01	7.96E-02	<MDA	<MDA
SR-152-2977	Batch 185 Clean Stockpile	10	2.58E-01	9.37E-02	<MDA	<MDA
SR-152-2978	Batch 185 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-2979	Batch 185 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-2980	Batch 185 Clean Stockpile	13	4.33E-01	1.43E-01	<MDA	<MDA
SR-152-2981	Batch 185 Clean Stockpile	14	3.44E-01	1.04E-01	<MDA	<MDA
SR-152-2982	Batch 185 Clean Stockpile	15	2.70E-01	1.04E-01	<MDA	<MDA
SR-152-2983	Batch 185 Clean Stockpile	16	4.18E-01	1.29E-01	<MDA	<MDA
SR-152-2984	Batch 186 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-2985	Batch 186 Clean Stockpile	2	2.13E-01	1.01E-01	<MDA	<MDA
SR-152-2986	Batch 186 Clean Stockpile	3	3.23E-01	1.20E-01	<MDA	<MDA
SR-152-2987	Batch 186 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-2988	Batch 186 Clean Stockpile	5	3.85E-01	1.36E-01	<MDA	<MDA
SR-152-2989	Batch 186 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-2990	Batch 186 Clean Stockpile	7	2.92E-01	1.39E-01	<MDA	<MDA
SR-152-2991	Batch 186 Clean Stockpile	8	2.11E-01	9.71E-02	<MDA	<MDA
SR-152-2992	Batch 186 Clean Stockpile	9	3.26E-01	1.26E-01	<MDA	<MDA
SR-152-2993	Batch 186 Clean Stockpile	10	3.64E-01	1.29E-01	<MDA	<MDA
SR-152-2994	Batch 186 Clean Stockpile	11	3.20E-01	1.26E-01	<MDA	<MDA
SR-152-2995	Batch 186 Clean Stockpile	12	3.70E-01	1.31E-01	<MDA	<MDA
SR-152-2996	Batch 186 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-2997	Batch 186 Clean Stockpile	14	4.10E-01	1.37E-01	<MDA	<MDA
SR-152-2998	Batch 186 Clean Stockpile QCI	15	2.64E-01	1.13E-01	<MDA	<MDA
SR-152-2999	Batch 186 Clean Stockpile QCR	16	3.31E-01	1.38E-01	<MDA	<MDA
SR-152-3008	Batch 186 Clean Stockpile	17	2.60E-01	1.09E-01	<MDA	<MDA
SR-152-3009	Batch 186 Clean Stockpile	18	3.29E-01	1.23E-01	<MDA	<MDA
SR-152-3000	Batch 187 Clean Stockpile	1	2.73E-01	1.14E-01	<MDA	<MDA
SR-152-3001	Batch 187 Clean Stockpile	2	3.83E-01	1.34E-01	<MDA	<MDA
SR-152-3002	Batch 187 Clean Stockpile	3	2.90E-01	1.14E-01	<MDA	<MDA
SR-152-3003	Batch 187 Clean Stockpile	4	3.03E-01	1.17E-01	<MDA	<MDA
SR-152-3004	Batch 187 Clean Stockpile	5	3.70E-01	1.31E-01	<MDA	<MDA
SR-152-3005	Batch 187 Clean Stockpile	6	4.15E-01	1.39E-01	<MDA	<MDA
SR-152-3006	Batch 187 Clean Stockpile	7	2.84E-01	1.19E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3007	Batch 187 Clean Stockpile	8	3.53E-01	1.29E-01	<MDA	<MDA
SR-152-3010	Batch 187 Clean Stockpile	9	3.25E-01	1.25E-01	<MDA	<MDA
SR-152-3011	Batch 187 Clean Stockpile	10	3.99E-01	1.35E-01	<MDA	<MDA
SR-152-3012	Batch 187 Clean Stockpile	11	4.11E-01	1.39E-01	<MDA	<MDA
SR-152-3013	Batch 187 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-3014	Batch 187 Clean Stockpile	13	2.94E-01	1.23E-01	<MDA	<MDA
SR-152-3015	Batch 187 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-3016	Batch 187 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-3017	Batch 187 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-3018	Batch 188 Clean Stockpile	1	3.71E-01	1.38E-01	<MDA	<MDA
SR-152-3019	Batch 188 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-3020	Batch 188 Clean Stockpile	3	2.55E-01	1.12E-01	<MDA	<MDA
SR-152-3021	Batch 188 Clean Stockpile	4	3.72E-01	1.32E-01	<MDA	<MDA
SR-152-3022	Batch 188 Clean Stockpile	5	2.73E-01	1.17E-01	<MDA	<MDA
SR-152-3023	Batch 188 Clean Stockpile	6	2.86E-01	1.17E-01	<MDA	<MDA
SR-152-3024	Batch 188 Clean Stockpile	7	2.64E-01	1.13E-01	<MDA	<MDA
SR-152-3025	Batch 188 Clean Stockpile	8	2.81E-01	1.17E-01	<MDA	<MDA
SR-152-3026	Batch 188 Clean Stockpile	9	2.56E-01	1.12E-01	<MDA	<MDA
SR-152-3027	Batch 188 Clean Stockpile	10	4.14E-01	1.63E-01	<MDA	<MDA
SR-152-3028	Batch 188 Clean Stockpile	11	2.95E-01	1.18E-01	<MDA	<MDA
SR-152-3029	Batch 188 Clean Stockpile	12	2.31E-01	7.52E-02	<MDA	<MDA
SR-152-3030	Batch 188 Clean Stockpile	13	3.42E-01	1.32E-01	<MDA	<MDA
SR-152-3031	Batch 188 Clean Stockpile	14	2.63E-01	1.15E-01	<MDA	<MDA
SR-152-3032	Batch 188 Clean Stockpile	15	2.05E-01	8.02E-02	<MDA	<MDA
SR-152-3033	Batch 188 Clean Stockpile	16	2.82E-01	1.11E-01	<MDA	<MDA
SR-152-3034	Batch 189 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-3035	Batch 189 Clean Stockpile	2	2.71E-01	8.44E-02	<MDA	<MDA
SR-152-3036	Batch 189 Clean Stockpile	3	4.70E-01	1.70E-01	<MDA	<MDA
SR-152-3037	Batch 189 Clean Stockpile	4	3.06E-01	1.20E-01	<MDA	<MDA
SR-152-3038	Batch 189 Clean Stockpile	5	2.86E-01	1.13E-01	<MDA	<MDA
SR-152-3039	Batch 189 Clean Stockpile	6	3.34E-01	9.05E-02	<MDA	<MDA
SR-152-3040	Batch 189 Clean Stockpile	7	3.40E-01	1.25E-01	<MDA	<MDA
SR-152-3041	Batch 189 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-3042	Batch 189 Clean Stockpile	9	<MDA	<MDA	<MDA	<MDA
SR-152-3043	Batch 189 Clean Stockpile	10	2.88E-01	1.18E-01	<MDA	<MDA
SR-152-3044	Batch 189 Clean Stockpile	11	1.95E-01	9.77E-02	<MDA	<MDA
SR-152-3045	Batch 189 Clean Stockpile	12	3.64E-01	1.29E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3046	Batch 189 Clean Stockpile	13	2.80E-01	1.17E-01	<MDA	<MDA
SR-152-3047	Batch 189 Clean Stockpile	14	4.03E-01	9.63E-02	<MDA	<MDA
SR-152-3048	Batch 189 Clean Stockpile	15	4.02E-01	1.40E-01	<MDA	<MDA
SR-152-3049	Batch 189 Clean Stockpile	16	3.05E-01	8.55E-02	<MDA	<MDA
SR-152-3050	Batch 190 Clean Stockpile	1	3.71E-01	1.31E-01	<MDA	<MDA
SR-152-3051	Batch 190 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-3052	Batch 190 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-3053	Batch 190 Clean Stockpile	4	3.61E-01	1.32E-01	<MDA	<MDA
SR-152-3054	Batch 190 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-3055	Batch 190 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-3056	Batch 190 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-3057	Batch 190 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-3058	Batch 190 Clean Stockpile	9	3.00E-01	1.16E-01	<MDA	<MDA
SR-152-3059	Batch 190 Clean Stockpile	10	5.36E-01	1.82E-01	<MDA	<MDA
SR-152-3060	Batch 190 Clean Stockpile	11	3.38E-01	1.24E-01	<MDA	<MDA
SR-152-3061	Batch 190 Clean Stockpile	12	2.47E-01	1.03E-01	<MDA	<MDA
SR-152-3062	Batch 190 Clean Stockpile	13	4.63E-01	1.51E-01	<MDA	<MDA
SR-152-3063	Batch 190 Clean Stockpile	14	2.81E-01	1.15E-01	<MDA	<MDA
SR-152-3064	Batch 190 Clean Stockpile QCI	15	3.18E-01	1.21E-01	<MDA	<MDA
SR-152-3065	Batch 190 Clean Stockpile QCR	16	2.78E-01	1.16E-01	<MDA	<MDA
SR-152-3082	Batch 190 Clean Stockpile	17	4.48E-01	1.50E-01	<MDA	<MDA
SR-152-3083	Batch 190 Clean Stockpile	18	3.08E-01	1.19E-01	<MDA	<MDA
SR-152-3066	Batch 191 Clean Stockpile	1	4.32E-01	1.44E-01	<MDA	<MDA
SR-152-3067	Batch 191 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-3068	Batch 191 Clean Stockpile	3	3.11E-01	1.25E-01	<MDA	<MDA
SR-152-3069	Batch 191 Clean Stockpile	4	4.28E-01	1.41E-01	<MDA	<MDA
SR-152-3070	Batch 191 Clean Stockpile	5	3.15E-01	1.24E-01	<MDA	<MDA
SR-152-3071	Batch 191 Clean Stockpile	6	4.13E-01	1.36E-01	<MDA	<MDA
SR-152-3072	Batch 191 Clean Stockpile	7	3.02E-01	1.21E-01	<MDA	<MDA
SR-152-3073	Batch 191 Clean Stockpile	8	3.02E-01	1.38E-01	<MDA	<MDA
SR-152-3074	Batch 191 Clean Stockpile	9	3.16E-01	1.24E-01	<MDA	<MDA
SR-152-3075	Batch 191 Clean Stockpile	10	3.11E-01	1.22E-01	<MDA	<MDA
SR-152-3076	Batch 191 Clean Stockpile	11	2.48E-01	8.54E-02	<MDA	<MDA
SR-152-3077	Batch 191 Clean Stockpile	12	2.74E-01	1.17E-01	<MDA	<MDA
SR-152-3078	Batch 191 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-3079	Batch 191 Clean Stockpile	14	3.84E-01	1.38E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3080	Batch 191 Clean Stockpile	15	2.68E-01	1.07E-01	<MDA	<MDA
SR-152-3081	Batch 191 Clean Stockpile	16	2.61E-01	1.05E-01	<MDA	<MDA
SR-152-3084	Batch 192 Clean Stockpile	1	2.57E-01	1.12E-01	<MDA	<MDA
SR-152-3085	Batch 192 Clean Stockpile	2	2.85E-01	1.14E-01	<MDA	<MDA
SR-152-3086	Batch 192 Clean Stockpile	3	2.83E-01	1.02E-01	<MDA	<MDA
SR-152-3087	Batch 192 Clean Stockpile	4	2.59E-01	1.08E-01	<MDA	<MDA
SR-152-3088	Batch 192 Clean Stockpile	5	4.07E-01	1.36E-01	<MDA	<MDA
SR-152-3089	Batch 192 Clean Stockpile	6	2.98E-01	1.19E-01	<MDA	<MDA
SR-152-3090	Batch 192 Clean Stockpile	7	4.34E-01	1.43E-01	<MDA	<MDA
SR-152-3091	Batch 192 Clean Stockpile	8	3.69E-01	1.31E-01	<MDA	<MDA
SR-152-3092	Batch 192 Clean Stockpile	9	4.51E-01	1.49E-01	<MDA	<MDA
SR-152-3093	Batch 192 Clean Stockpile	10	4.99E-01	1.56E-01	<MDA	<MDA
SR-152-3094	Batch 192 Clean Stockpile	11	2.45E-01	1.10E-01	<MDA	<MDA
SR-152-3095	Batch 192 Clean Stockpile	12	2.78E-01	1.14E-01	<MDA	<MDA
SR-152-3096	Batch 192 Clean Stockpile	13	3.53E-01	1.23E-01	<MDA	<MDA
SR-152-3097	Batch 192 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-3098	Batch 192 Clean Stockpile	15	3.16E-01	9.45E-02	<MDA	<MDA
SR-152-3099	Batch 192 Clean Stockpile	16	5.11E-01	1.60E-01	<MDA	<MDA
SR-152-3100	Batch 193 Clean Stockpile	1	2.73E-01	1.09E-01	<MDA	<MDA
SR-152-3101	Batch 193 Clean Stockpile	2	2.83E-01	1.11E-01	<MDA	<MDA
SR-152-3102	Batch 193 Clean Stockpile	3	4.09E-01	1.39E-01	<MDA	<MDA
SR-152-3103	Batch 193 Clean Stockpile	4	3.83E-01	1.28E-01	<MDA	<MDA
SR-152-3104	Batch 193 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-3105	Batch 193 Clean Stockpile	6	3.09E-01	1.19E-01	<MDA	<MDA
SR-152-3106	Batch 193 Clean Stockpile	7	3.82E-01	1.31E-01	<MDA	<MDA
SR-152-3107	Batch 193 Clean Stockpile	8	2.68E-01	1.05E-01	<MDA	<MDA
SR-152-3108	Batch 193 Clean Stockpile	9	3.66E-01	1.22E-01	<MDA	<MDA
SR-152-3109	Batch 193 Clean Stockpile	10	3.41E-01	1.19E-01	<MDA	<MDA
SR-152-3110	Batch 193 Clean Stockpile	11	4.14E-01	1.48E-01	<MDA	<MDA
SR-152-3111	Batch 193 Clean Stockpile	12	4.56E-01	1.51E-01	<MDA	<MDA
SR-152-3112	Batch 193 Clean Stockpile	13	3.31E-01	1.28E-01	<MDA	<MDA
SR-152-3113	Batch 193 Clean Stockpile	14	2.90E-01	1.10E-01	<MDA	<MDA
SR-152-3114	Batch 193 Clean Stockpile	15	5.98E-01	1.55E-01	<MDA	<MDA
SR-152-3115	Batch 193 Clean Stockpile	16	4.60E-01	1.47E-01	<MDA	<MDA
SR-152-3116	Batch 194 Clean Stockpile	1	8.64E-01	1.99E-01	<MDA	<MDA
SR-152-3117	Batch 194 Clean Stockpile	2	6.84E-01	1.70E-01	<MDA	<MDA
SR-152-3118	Batch 194 Clean Stockpile	3	5.86E-01	1.56E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3119	Batch 194 Clean Stockpile	4	2.98E-01	1.11E-01	<MDA	<MDA
SR-152-3120	Batch 194 Clean Stockpile	5	3.63E-01	1.27E-01	<MDA	<MDA
SR-152-3121	Batch 194 Clean Stockpile	6	4.63E-01	1.42E-01	<MDA	<MDA
SR-152-3122	Batch 194 Clean Stockpile	7	6.01E-01	1.76E-01	<MDA	<MDA
SR-152-3123	Batch 194 Clean Stockpile	8	5.28E-01	1.55E-01	<MDA	<MDA
SR-152-3124	Batch 194 Clean Stockpile	9	4.20E-01	1.41E-01	<MDA	<MDA
SR-152-3125	Batch 194 Clean Stockpile	10	5.17E-01	1.51E-01	<MDA	<MDA
SR-152-3126	Batch 194 Clean Stockpile	11	4.77E-01	1.37E-01	<MDA	<MDA
SR-152-3127	Batch 194 Clean Stockpile	12	5.53E-01	1.64E-01	<MDA	<MDA
SR-152-3128	Batch 194 Clean Stockpile	13	4.54E-01	1.50E-01	<MDA	<MDA
SR-152-3129	Batch 194 Clean Stockpile	14	4.29E-01	1.53E-01	<MDA	<MDA
SR-152-3130	Batch 194 Clean Stockpile	15	4.72E-01	1.50E-01	<MDA	<MDA
SR-152-3131	Batch 194 Clean Stockpile	16	4.52E-01	1.42E-01	<MDA	<MDA
SR-152-3132	Batch 195 Clean Stockpile	1	6.26E-01	1.71E-01	<MDA	<MDA
SR-152-3133	Batch 195 Clean Stockpile	2	4.95E-01	1.48E-01	<MDA	<MDA
SR-152-3134	Batch 195 Clean Stockpile	3	5.34E-01	1.62E-01	<MDA	<MDA
SR-152-3135	Batch 195 Clean Stockpile	4	4.96E-01	1.04E-01	<MDA	<MDA
SR-152-3136	Batch 195 Clean Stockpile	5	5.47E-01	1.66E-01	<MDA	<MDA
SR-152-3137	Batch 195 Clean Stockpile	6	4.17E-01	1.36E-01	<MDA	<MDA
SR-152-3138	Batch 195 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-3139	Batch 195 Clean Stockpile	8	5.43E-01	1.54E-01	<MDA	<MDA
SR-152-3140	Batch 195 Clean Stockpile	9	4.98E-01	1.35E-01	<MDA	<MDA
SR-152-3141	Batch 195 Clean Stockpile	10	3.98E-01	1.39E-01	<MDA	<MDA
SR-152-3142	Batch 195 Clean Stockpile	11	3.98E-01	1.33E-01	<MDA	<MDA
SR-152-3143	Batch 195 Clean Stockpile	12	4.17E-01	1.34E-01	<MDA	<MDA
SR-152-3144	Batch 195 Clean Stockpile	13	2.80E-01	1.17E-01	<MDA	<MDA
SR-152-3145	Batch 195 Clean Stockpile	14	5.98E-01	1.64E-01	<MDA	<MDA
SR-152-3146	Batch 195 Clean Stockpile	15	4.07E-01	1.36E-01	<MDA	<MDA
SR-152-3147	Batch 195 Clean Stockpile	16	3.16E-01	9.07E-02	<MDA	<MDA
SR-152-3148	Batch 196 Clean Stockpile	1	4.06E-01	1.64E-01	<MDA	<MDA
SR-152-3149	Batch 196 Clean Stockpile	2	6.29E-01	1.66E-01	<MDA	<MDA
SR-152-3150	Batch 196 Clean Stockpile	3	6.03E-01	1.65E-01	<MDA	<MDA
SR-152-3151	Batch 196 Clean Stockpile	4	5.14E-01	1.48E-01	<MDA	<MDA
SR-152-3152	Batch 196 Clean Stockpile	5	4.73E-01	1.48E-01	<MDA	<MDA
SR-152-3153	Batch 196 Clean Stockpile	6	6.25E-01	1.66E-01	<MDA	<MDA
SR-152-3154	Batch 196 Clean Stockpile	7	6.19E-01	1.17E-01	<MDA	<MDA
SR-152-3155	Batch 196 Clean Stockpile	8	1.08E+00	2.18E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3156	Batch 196 Clean Stockpile	9	7.58E-01	1.65E-01	<MDA	<MDA
SR-152-3157	Batch 196 Clean Stockpile	10	8.83E-01	1.87E-01	<MDA	<MDA
SR-152-3158	Batch 196 Clean Stockpile	11	7.73E-01	2.22E-01	<MDA	<MDA
SR-152-3159	Batch 196 Clean Stockpile	12	8.03E-01	1.74E-01	<MDA	<MDA
SR-152-3160	Batch 196 Clean Stockpile	13	7.85E-01	1.78E-01	<MDA	<MDA
SR-152-3161	Batch 196 Clean Stockpile	14	6.92E-01	1.70E-01	<MDA	<MDA
SR-152-3162	Batch 196 Clean Stockpile	15	8.17E-01	1.76E-01	<MDA	<MDA
SR-152-3163	Batch 196 Clean Stockpile	16	6.76E-01	1.71E-01	<MDA	<MDA
SR-152-3164	Batch 197 Clean Stockpile	1	3.70E-01	1.31E-01	<MDA	<MDA
SR-152-3165	Batch 197 Clean Stockpile	2	3.10E-01	1.24E-01	<MDA	<MDA
SR-152-3166	Batch 197 Clean Stockpile	3	3.91E-01	1.39E-01	<MDA	<MDA
SR-152-3167	Batch 197 Clean Stockpile	4	5.16E-01	1.54E-01	<MDA	<MDA
SR-152-3168	Batch 197 Clean Stockpile	5	5.04E-01	1.58E-01	<MDA	<MDA
SR-152-3169	Batch 197 Clean Stockpile	6	4.09E-01	1.63E-01	<MDA	<MDA
SR-152-3170	Batch 197 Clean Stockpile	7	5.75E-01	1.65E-01	<MDA	<MDA
SR-152-3171	Batch 197 Clean Stockpile	8	6.68E-01	1.76E-01	<MDA	<MDA
SR-152-3172	Batch 197 Clean Stockpile	9	6.64E-01	1.77E-01	<MDA	<MDA
SR-152-3173	Batch 197 Clean Stockpile	10	6.34E-01	1.72E-01	<MDA	<MDA
SR-152-3174	Batch 197 Clean Stockpile	11	5.57E-01	1.65E-01	<MDA	<MDA
SR-152-3175	Batch 197 Clean Stockpile	12	5.84E-01	1.75E-01	<MDA	<MDA
SR-152-3176	Batch 197 Clean Stockpile	13	6.70E-01	1.83E-01	<MDA	<MDA
SR-152-3177	Batch 197 Clean Stockpile	14	5.42E-01	1.92E-01	<MDA	<MDA
SR-152-3178	Batch 197 Clean Stockpile	15	6.08E-01	1.50E-01	<MDA	<MDA
SR-152-3179	Batch 197 Clean Stockpile	16	4.91E-01	1.32E-01	<MDA	<MDA
SR-152-3180	Batch 198 Clean Stockpile	1	5.40E-01	1.79E-01	<MDA	<MDA
SR-152-3181	Batch 198 Clean Stockpile	2	5.75E-01	1.78E-01	<MDA	<MDA
SR-152-3182	Batch 198 Clean Stockpile	3	5.66E-01	1.62E-01	<MDA	<MDA
SR-152-3183	Batch 198 Clean Stockpile	4	5.35E-01	1.57E-01	<MDA	<MDA
SR-152-3184	Batch 198 Clean Stockpile	5	8.51E-01	2.05E-01	<MDA	<MDA
SR-152-3185	Batch 198 Clean Stockpile	6	4.90E-01	1.52E-01	<MDA	<MDA
SR-152-3186	Batch 198 Clean Stockpile	7	7.09E-01	1.92E-01	<MDA	<MDA
SR-152-3187	Batch 198 Clean Stockpile	8	4.91E-01	1.49E-01	<MDA	<MDA
SR-152-3188	Batch 198 Clean Stockpile	9	7.29E-01	2.05E-01	<MDA	<MDA
SR-152-3189	Batch 198 Clean Stockpile	10	5.18E-01	1.57E-01	<MDA	<MDA
SR-152-3190	Batch 198 Clean Stockpile	11	4.84E-01	1.56E-01	<MDA	<MDA
SR-152-3191	Batch 198 Clean Stockpile	12	6.83E-01	1.76E-01	<MDA	<MDA
SR-152-3192	Batch 198 Clean Stockpile	13	5.95E-01	1.71E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3193	Batch 198 Clean Stockpile	14	3.10E-01	1.18E-01	<MDA	<MDA
SR-152-3194	Batch 198 Clean Stockpile	15	5.60E-01	1.64E-01	<MDA	<MDA
SR-152-3195	Batch 198 Clean Stockpile	16	5.88E-01	1.57E-01	<MDA	<MDA
SR-152-3196	Batch 199 Clean Stockpile	1	5.13E-01	1.47E-01	<MDA	<MDA
SR-152-3197	Batch 199 Clean Stockpile	2	5.78E-01	1.46E-01	<MDA	<MDA
SR-152-3198	Batch 199 Clean Stockpile	3	2.25E-01	9.84E-02	<MDA	<MDA
SR-152-3199	Batch 199 Clean Stockpile	4	3.63E-01	1.20E-01	<MDA	<MDA
SR-152-3200	Batch 199 Clean Stockpile	5	4.64E-01	1.55E-01	<MDA	<MDA
SR-152-3201	Batch 199 Clean Stockpile	6	5.45E-01	1.45E-01	<MDA	<MDA
SR-152-3202	Batch 199 Clean Stockpile	7	3.80E-01	1.14E-01	<MDA	<MDA
SR-152-3203	Batch 199 Clean Stockpile	8	3.67E-01	1.41E-01	<MDA	<MDA
SR-152-3204	Batch 199 Clean Stockpile	9	3.84E-01	1.25E-01	<MDA	<MDA
SR-152-3205	Batch 199 Clean Stockpile	10	2.22E-01	9.71E-02	<MDA	<MDA
SR-152-3206	Batch 199 Clean Stockpile	11	3.18E-01	7.02E-02	<MDA	<MDA
SR-152-3207	Batch 199 Clean Stockpile	12	2.22E-01	9.93E-02	<MDA	<MDA
SR-152-3208	Batch 199 Clean Stockpile	13	3.74E-01	1.30E-01	<MDA	<MDA
SR-152-3209	Batch 199 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-3210	Batch 199 Clean Stockpile QCI	15	<MDA	<MDA	<MDA	<MDA
SR-152-3211	Batch 199 Clean Stockpile QCR	16	<MDA	<MDA	<MDA	<MDA
SR-152-3212	Batch 200 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-3213	Batch 200 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-3214	Batch 200 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-3215	Batch 200 Clean Stockpile	4	2.7880E-01	1.0755E-01	<MDA	<MDA
SR-152-3216	Batch 200 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-3217	Batch 200 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-3218	Batch 200 Clean Stockpile	7	2.46E-01	1.0276E-01	<MDA	<MDA
SR-152-3219	Batch 200 Clean Stockpile	8	1.87E-01	9.3741E-02	<MDA	<MDA
SR-152-3220	Batch 200 Clean Stockpile	9	5.14E-01	1.5369E-01	<MDA	<MDA
SR-152-3221	Batch 200 Clean Stockpile	10	3.27E-01	1.3041E-01	<MDA	<MDA
SR-152-3222	Batch 200 Clean Stockpile	11	3.34E-01	1.2419E-01	<MDA	<MDA
SR-152-3223	Batch 200 Clean Stockpile	12	4.08E-01	1.3654E-01	<MDA	<MDA
SR-152-3224	Batch 200 Clean Stockpile	13	3.93E-01	1.3631E-01	<MDA	<MDA
SR-152-3225	Batch 200 Clean Stockpile	14	3.52E-01	1.3752E-01	<MDA	<MDA
SR-152-3226	Batch 200 Clean Stockpile	15	3.77E-01	1.1422E-01	<MDA	<MDA
SR-152-3227	Batch 200 Clean Stockpile	16	4.21E-01	1.5048E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3228	Batch 201 Clean Stockpile	1	3.47E-01	1.2921E-01	<MDA	<MDA
SR-152-3229	Batch 201 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-3230	Batch 201 Clean Stockpile	3	2.84E-01	1.1633E-01	<MDA	<MDA
SR-152-3231	Batch 201 Clean Stockpile	4	3.99E-01	1.3737E-01	<MDA	<MDA
SR-152-3232	Batch 201 Clean Stockpile	5	3.10E-01	8.4677E-02	<MDA	<MDA
SR-152-3233	Batch 201 Clean Stockpile	6	4.19E-01	1.6126E-01	<MDA	<MDA
SR-152-3234	Batch 201 Clean Stockpile	7	2.31E-01	1.0453E-01	<MDA	<MDA
SR-152-3235	Batch 201 Clean Stockpile	8	2.68E-01	1.1466E-01	<MDA	<MDA
SR-152-3236	Batch 201 Clean Stockpile	9	1.86E-01	9.3126E-02	<MDA	<MDA
SR-152-3237	Batch 201 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-3238	Batch 201 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-3239	Batch 201 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-3240	Batch 201 Clean Stockpile	13	<MDA	<MDA	<MDA	<MDA
SR-152-3241	Batch 201 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-3242	Batch 201 Clean Stockpile	15	2.35E-01	7.5557E-02	<MDA	<MDA
SR-152-3243	Batch 201 Clean Stockpile	16	1.80E-01	8.5169E-02	<MDA	<MDA
SR-152-3244	Batch 202 Clean Stockpile	1	2.730E-01	1.1390E-01	<MDA	<MDA
SR-152-3245	Batch 202 Clean Stockpile	2	2.15E-01	9.8955E-02	<MDA	<MDA
SR-152-3246	Batch 202 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-3247	Batch 202 Clean Stockpile	4	1.94E-01	9.7320E-02	<MDA	<MDA
SR-152-3248	Batch 202 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-3249	Batch 202 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-3250	Batch 202 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-3251	Batch 202 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-3252	Batch 202 Clean Stockpile	9	2.87E-01	1.1055E-01	<MDA	<MDA
SR-152-3253	Batch 202 Clean Stockpile	10	4.03E-01	1.1377E-01	<MDA	<MDA
SR-152-3254	Batch 202 Clean Stockpile	11	3.15E-01	1.1749E-01	<MDA	<MDA
SR-152-3255	Batch 202 Clean Stockpile	12	1.92E-01	8.5862E-02	<MDA	<MDA
SR-152-3256	Batch 202 Clean Stockpile	13	2.77E-01	1.1329E-01	<MDA	<MDA
SR-152-3257	Batch 202 Clean Stockpile	14	4.25E-01	1.3309E-01	<MDA	<MDA
SR-152-3258	Batch 202 Clean Stockpile	15	3.49E-01	1.2022E-01	<MDA	<MDA
SR-152-3259	Batch 202 Clean Stockpile	16	3.29E-01	1.0574E-01	<MDA	<MDA
SR-152-3261	Batch 203 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-3262	Batch 203 Clean Stockpile	2	2.39E-01	1.0218E-01	<MDA	<MDA
SR-152-3263	Batch 203 Clean Stockpile	3	3.48E-01	1.2135E-01	<MDA	<MDA
SR-152-3264	Batch 203 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-3265	Batch 203 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3266	Batch 203 Clean Stockpile	6	<MDA	<MDA	<MDA	<MDA
SR-152-3267	Batch 203 Clean Stockpile	7	2.73E-01	1.1202E-01	<MDA	<MDA
SR-152-3268	Batch 203 Clean Stockpile	8	3.29E-01	1.2452E-01	<MDA	<MDA
SR-152-3269	Batch 203 Clean Stockpile	9	3.29E-01	1.2449E-01	<MDA	<MDA
SR-152-3270	Batch 203 Clean Stockpile	10	2.33E-01	1.0431E-01	<MDA	<MDA
SR-152-3271	Batch 203 Clean Stockpile	11	2.74E-01	1.0966E-01	<MDA	<MDA
SR-152-3272	Batch 203 Clean Stockpile	12	2.97E-01	1.1691E-01	<MDA	<MDA
SR-152-3273	Batch 203 Clean Stockpile	13	4.18E-01	1.3985E-01	<MDA	<MDA
SR-152-3274	Batch 203 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-3275	Batch 203 Clean Stockpile	15	3.26E-01	1.0438E-01	<MDA	<MDA
SR-152-3276	Batch 203 Clean Stockpile	16	2.60E-01	7.3803E-02	<MDA	<MDA
SR-152-3277	Batch 204 Clean Stockpile	1	2.91E-01	1.1212E-01	<MDA	<MDA
SR-152-3278	Batch 204 Clean Stockpile	2	3.96E-01	1.4255E-01	<MDA	<MDA
SR-152-3279	Batch 204 Clean Stockpile	3	2.96E-01	1.0180E-01	<MDA	<MDA
SR-152-3280	Batch 204 Clean Stockpile	4	2.73E-01	1.1174E-01	<MDA	<MDA
SR-152-3281	Batch 204 Clean Stockpile	5	2.67E-01	1.2761E-01	<MDA	<MDA
SR-152-3282	Batch 204 Clean Stockpile	6	3.44E-01	1.2789E-01	<MDA	<MDA
SR-152-3283	Batch 204 Clean Stockpile	7	3.67E-01	1.2618E-01	<MDA	<MDA
SR-152-3284	Batch 204 Clean Stockpile	8	2.58E-01	1.1276E-01	<MDA	<MDA
SR-152-3285	Batch 204 Clean Stockpile	9	2.88E-01	1.1560E-01	<MDA	<MDA
SR-152-3286	Batch 204 Clean Stockpile	10	3.99E-01	1.3163E-01	<MDA	<MDA
SR-152-3287	Batch 204 Clean Stockpile	11	3.69E-01	1.3071E-01	<MDA	<MDA
SR-152-3288	Batch 204 Clean Stockpile	12	3.64E-01	1.3095E-01	<MDA	<MDA
SR-152-3289	Batch 204 Clean Stockpile	13	3.10E-01	1.4303E-01	<MDA	<MDA
SR-152-3290	Batch 204 Clean Stockpile	14	3.71E-01	1.3135E-01	<MDA	<MDA
SR-152-3291	Batch 204 Clean Stockpile	15	4.62E-01	1.3974E-01	<MDA	<MDA
SR-152-3292	Batch 204 Clean Stockpile	16	4.13E-01	1.2372E-01	<MDA	<MDA
SR-152-3293	Batch 205 Clean Stockpile	1	4.09E-01	1.5263E-01	<MDA	<MDA
SR-152-3294	Batch 205 Clean Stockpile	2	4.09E-01	1.3662E-01	<MDA	<MDA
SR-152-3295	Batch 205 Clean Stockpile	3	4.39E-01	1.4875E-01	<MDA	<MDA
SR-152-3296	Batch 205 Clean Stockpile	4	4.42E-01	1.3084E-01	<MDA	<MDA
SR-152-3297	Batch 205 Clean Stockpile	5	3.53E-01	1.2907E-01	<MDA	<MDA
SR-152-3298	Batch 205 Clean Stockpile	6	4.63E-01	1.4527E-01	<MDA	<MDA
SR-152-3299	Batch 205 Clean Stockpile	7	4.56E-01	1.5973E-01	<MDA	<MDA
SR-152-3300	Batch 205 Clean Stockpile	8	5.71E-01	1.5338E-01	<MDA	<MDA
SR-152-3301	Batch 205 Clean Stockpile	9	4.58E-01	1.4700E-01	<MDA	<MDA
SR-152-3302	Batch 205 Clean Stockpile	10	4.52E-01	1.4519E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3303	Batch 205 Clean Stockpile	11	4.71E-01	1.3414E-01	<MDA	<MDA
SR-152-3304	Batch 205 Clean Stockpile	12	3.65E-01	1.1440E-01	<MDA	<MDA
SR-152-3305	Batch 205 Clean Stockpile	13	4.97E-01	1.3606E-01	<MDA	<MDA
SR-152-3306	Batch 205 Clean Stockpile	14	4.62E-01	1.3268E-01	<MDA	<MDA
SR-152-3307	Batch 205 Clean Stockpile	15	4.38E-01	1.3107E-01	<MDA	<MDA
SR-152-3308	Batch 205 Clean Stockpile	16	5.50E-01	1.5033E-01	<MDA	<MDA
SR-152-3309	Batch 206 Clean Stockpile	1	4.69E-01	1.3595E-01	<MDA	<MDA
SR-152-3310	Batch 206 Clean Stockpile	2	7.42E-01	1.8228E-01	<MDA	<MDA
SR-152-3311	Batch 206 Clean Stockpile	3	6.1778E-01	1.5533E-01	<MDA	<MDA
SR-152-3312	Batch 206 Clean Stockpile	4	4.30E-01	1.5294E-01	<MDA	<MDA
SR-152-3313	Batch 206 Clean Stockpile	5	4.48E-01	1.3417E-01	<MDA	<MDA
SR-152-3314	Batch 206 Clean Stockpile	6	3.14E-01	1.3143E-01	<MDA	<MDA
SR-152-3315	Batch 206 Clean Stockpile	7	4.63E-01	1.3714E-01	<MDA	<MDA
SR-152-3316	Batch 206 Clean Stockpile	8	4.89E-01	1.3881E-01	<MDA	<MDA
SR-152-3317	Batch 206 Clean Stockpile	9	4.94E-01	1.4790E-01	<MDA	<MDA
SR-152-3318	Batch 206 Clean Stockpile	10	6.02E-01	1.6320E-01	<MDA	<MDA
SR-152-3319	Batch 206 Clean Stockpile	11	4.31E-01	1.3358E-01	<MDA	<MDA
SR-152-3320	Batch 206 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-3321	Batch 206 Clean Stockpile	13	3.21E-01	1.1948E-01	<MDA	<MDA
SR-152-3322	Batch 206 Clean Stockpile	14	<MDA	<MDA	<MDA	<MDA
SR-152-3323	Batch 206 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-3324	Batch 206 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-3325	Batch 207 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-3326	Batch 207 Clean Stockpile	2	<MDA	<MDA	<MDA	<MDA
SR-152-3327	Batch 207 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-3328	Batch 207 Clean Stockpile	4	2.33E-01	1.0186E-01	<MDA	<MDA
SR-152-3329	Batch 207 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-3330	Batch 207 Clean Stockpile	6	4.89E-01	1.4638E-01	<MDA	<MDA
SR-152-3331	Batch 207 Clean Stockpile	7	2.83E-01	1.1327E-01	<MDA	<MDA
SR-152-3332	Batch 207 Clean Stockpile	8	1.99E-01	8.9130E-02	<MDA	<MDA
SR-152-3333	Batch 207 Clean Stockpile	9	3.83E-01	1.5594E-01	<MDA	<MDA
SR-152-3334	Batch 207 Clean Stockpile	10	2.80E-01	1.1237E-01	<MDA	<MDA
SR-152-3335	Batch 207 Clean Stockpile	11	3.02E-01	1.1855E-01	<MDA	<MDA
SR-152-3336	Batch 207 Clean Stockpile	12	3.16E-01	1.1216E-01	<MDA	<MDA
SR-152-3337	Batch 207 Clean Stockpile	13	2.13E-01	8.9094E-02	<MDA	<MDA
SR-152-3338	Batch 207 Clean Stockpile	14	3.73E-01	1.2302E-01	<MDA	<MDA
SR-152-3339	Batch 207 Clean Stockpile	15	2.40E-01	9.4526E-02	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3340	Batch 207 Clean Stockpile	16	1.59E-01	7.0558E-02	<MDA	<MDA
SR-152-3341	Batch 208 Clean Stockpile	1	2.97E-01	1.0870E-01	<MDA	<MDA
SR-152-3342	Batch 208 Clean Stockpile	2	3.24E-01	1.1495E-01	<MDA	<MDA
SR-152-3343	Batch 208 Clean Stockpile	3	3.04E-01	1.1337E-01	<MDA	<MDA
SR-152-3344	Batch 208 Clean Stockpile	4	1.40E-01	4.4910E-02	<MDA	<MDA
SR-152-3345	Batch 208 Clean Stockpile	5	3.12E-01	1.1606E-01	<MDA	<MDA
SR-152-3346	Batch 208 Clean Stockpile	6	2.51E-01	9.5188E-02	<MDA	<MDA
SR-152-3347	Batch 208 Clean Stockpile	7	<MDA	<MDA	<MDA	<MDA
SR-152-3348	Batch 208 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-3349	Batch 208 Clean Stockpile	9	1.69E-01	7.7539E-02	<MDA	<MDA
SR-152-3350	Batch 208 Clean Stockpile	10	<MDA	<MDA	<MDA	<MDA
SR-152-3351	Batch 208 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-3352	Batch 208 Clean Stockpile	12	<MDA	<MDA	<MDA	<MDA
SR-152-3353	Batch 208 Clean Stockpile	13	2.67E-01	9.9241E-02	<MDA	<MDA
SR-152-3354	Batch 208 Clean Stockpile	14	2.38E-01	9.5506E-02	<MDA	<MDA
SR-152-3355	Batch 208 Clean Stockpile	15	<MDA	<MDA	<MDA	<MDA
SR-152-3356	Batch 208 Clean Stockpile	16	<MDA	<MDA	<MDA	<MDA
SR-152-3357	Batch 209 Clean Stockpile	1	<MDA	<MDA	<MDA	<MDA
SR-152-3358	Batch 209 Clean Stockpile	2	1.80E-01	8.5163E-02	<MDA	<MDA
SR-152-3359	Batch 209 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-3360	Batch 209 Clean Stockpile	4	<MDA	<MDA	<MDA	<MDA
SR-152-3361	Batch 209 Clean Stockpile	5	2.30E-01	9.4027E-02	<MDA	<MDA
SR-152-3362	Batch 209 Clean Stockpile	6	2.21E-01	9.4234E-02	<MDA	<MDA
SR-152-3363	Batch 209 Clean Stockpile	7	2.87E-01	1.1056E-01	<MDA	<MDA
SR-152-3364	Batch 209 Clean Stockpile	8	3.40E-01	1.2446E-01	<MDA	<MDA
SR-152-3365	Batch 209 Clean Stockpile	9	3.65E-01	1.6406E-01	<MDA	<MDA
SR-152-3366	Batch 209 Clean Stockpile	10	3.47E-01	1.0866E-01	<MDA	<MDA
SR-152-3367	Batch 209 Clean Stockpile	11	3.78E-01	1.6836E-01	<MDA	<MDA
SR-152-3368	Batch 209 Clean Stockpile	12	3.02E-01	1.4274E-01	<MDA	<MDA
SR-152-3369	Batch 209 Clean Stockpile	13	4.14E-01	1.3857E-01	<MDA	<MDA
SR-152-3370	Batch 209 Clean Stockpile	14	3.63E-01	1.2479E-01	<MDA	<MDA
SR-152-3371	Batch 209 Clean Stockpile	15	4.0E-01	1.3745E-01	<MDA	<MDA
SR-152-3372	Batch 209 Clean Stockpile	16	2.69E-01	8.9822E-02	<MDA	<MDA
SR-152-3373	Batch 210 Clean Stockpile	1	3.59E-01	1.2176E-01	<MDA	<MDA
SR-152-3374	Batch 210 Clean Stockpile	2	3.40E-01	1.2250E-01	<MDA	<MDA
SR-152-3375	Batch 210 Clean Stockpile	3	<MDA	<MDA	<MDA	<MDA
SR-152-3376	Batch 210 Clean Stockpile	4	3.24E-01	1.3472E-01	<MDA	<MDA

ScanSort Clean Stockpile Sample Results

Sample #	Location	Sample No.	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ
			pCi/g			
SR-152-3377	Batch 210 Clean Stockpile	5	2.0E-01	9.7109E-02	<MDA	<MDA
SR-152-3378	Batch 210 Clean Stockpile	6	2.78E-01	1.1348E-01	<MDA	<MDA
SR-152-3379	Batch 210 Clean Stockpile	7	2.86E-01	1.1017E-01	<MDA	<MDA
SR-152-3380	Batch 210 Clean Stockpile	8	2.99E-01	1.1538E-01	<MDA	<MDA
SR-152-3381	Batch 210 Clean Stockpile	9	3.50E-01	1.2425E-01	<MDA	<MDA
SR-152-3382	Batch 210 Clean Stockpile	10	2.30E-01	9.8404E-02	<MDA	<MDA
SR-152-3383	Batch 210 Clean Stockpile	11	<MDA	<MDA	<MDA	<MDA
SR-152-3384	Batch 210 Clean Stockpile	12	2.59E-01	1.0613E-01	<MDA	<MDA
SR-152-3385	Batch 210 Clean Stockpile	13	2.97E-01	1.1670E-01	<MDA	<MDA
SR-152-3386	Batch 210 Clean Stockpile	14	4.52E-01	1.4340E-01	<MDA	<MDA
SR-152-3387	Batch 210 Clean Stockpile	15	3.5831E-01	1.2325E-01	<MDA	<MDA
SR-152-3388	Batch 210 Clean Stockpile	16	2.51E-01	1.0419E-01	<MDA	<MDA
SR-152-3389	Batch 211 Clean Stockpile	1	3.06E-01	1.1008E-01	<MDA	<MDA
SR-152-3390	Batch 211 Clean Stockpile	2	4.62E-01	1.5056E-01	<MDA	<MDA
SR-152-3391	Batch 211 Clean Stockpile	3	2.51E-01	1.2589E-01	<MDA	<MDA
SR-152-3392	Batch 211 Clean Stockpile	4	2.88E-01	1.1546E-01	<MDA	<MDA
SR-152-3393	Batch 211 Clean Stockpile	5	<MDA	<MDA	<MDA	<MDA
SR-152-3394	Batch 211 Clean Stockpile	6	3.11E-01	1.1802E-01	<MDA	<MDA
SR-152-3395	Batch 211 Clean Stockpile	7	4.60E-01	1.8101E-01	<MDA	<MDA
SR-152-3396	Batch 211 Clean Stockpile	8	<MDA	<MDA	<MDA	<MDA
SR-152-3397	Batch 211 Clean Stockpile	9	3.38E-01	1.1989E-01	<MDA	<MDA
SR-152-3398	Batch 211 Clean Stockpile	10	4.42E-01	1.4020E-01	<MDA	<MDA
SR-152-3399	Batch 211 Clean Stockpile	11	3.40E-01	1.2054E-01	<MDA	<MDA
SR-152-3400	Batch 211 Clean Stockpile	12	2.84E-01	1.1367E-01	<MDA	<MDA
SR-152-3401	Batch 211 Clean Stockpile	13	2.30E-01	1.0053E-01	<MDA	<MDA
SR-152-3402	Batch 211 Clean Stockpile	14	3.81E-01	1.3098E-01	<MDA	<MDA
SR-152-3403	Batch 211 Clean Stockpile	15	3.83E-01	1.2793E-01	<MDA	<MDA
SR-152-3404	Batch 211 Clean Stockpile	16	2.93E-01	1.1206E-01	<MDA	<MDA

Plum Brook Reactor Facility

Final Status Survey Report

Attachment 18

Excavated and Backfill Materials

Revision 0

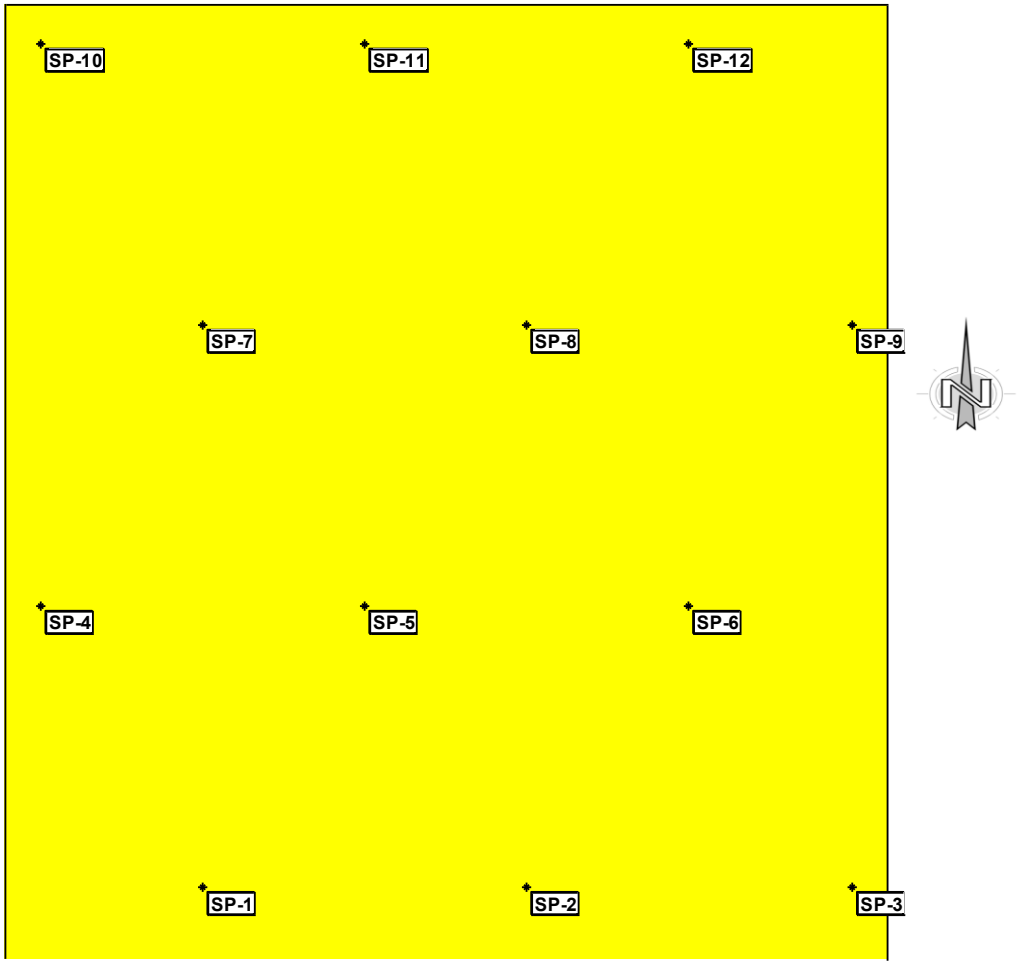
Appendix C

Soil Lift Survey Unit Maps and Tables Showing Measurement Locations

Index of Soil Lift Stations (OL-5) Survey Unit Maps and Tables of Coordinates

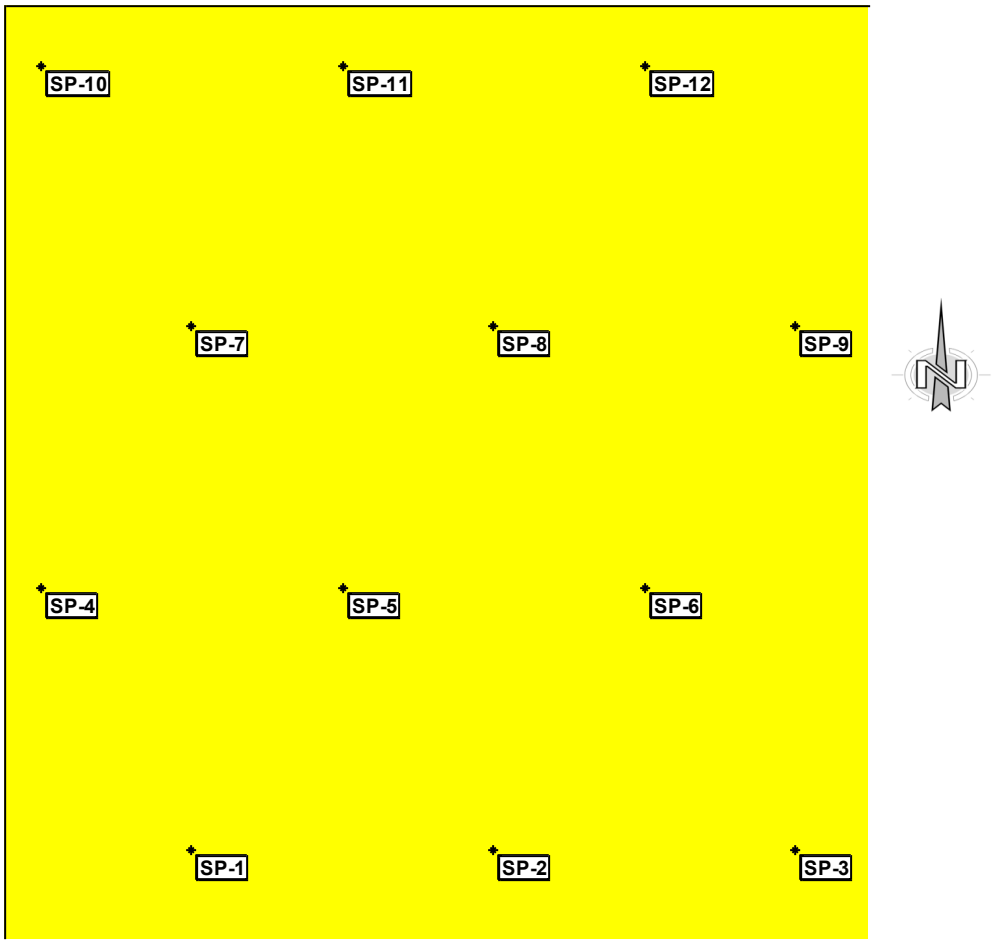
Index of Soil Lift Stations (OL-5) Survey Unit Maps and Tables of Coordinates

Survey Unit OL-5-1
Soil Lift #1



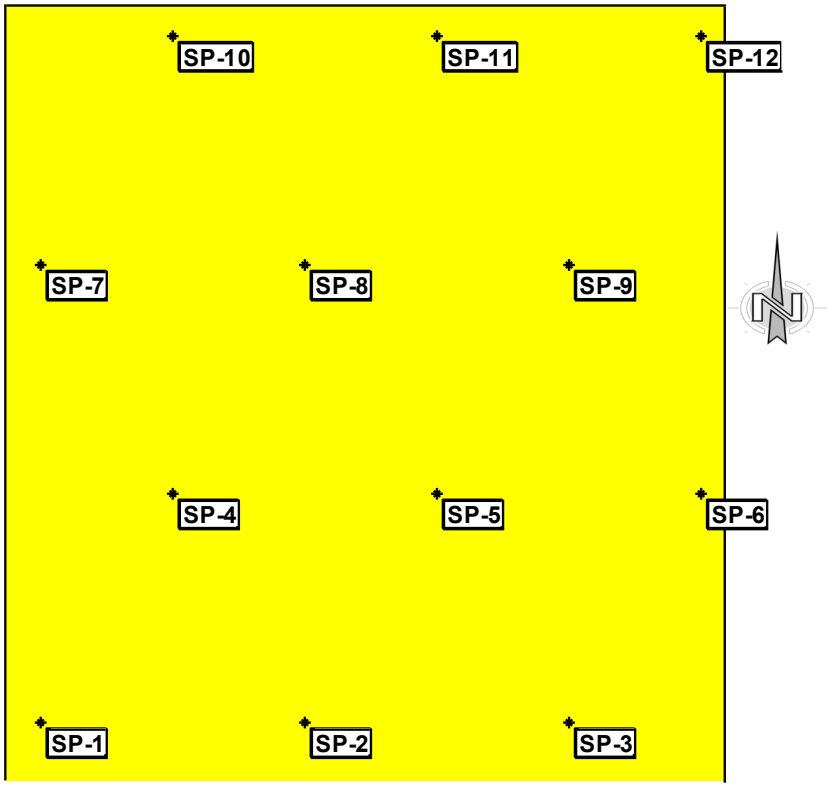
OL-5-1 Area: Soil Lift #1 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
20.7	7.5	SP-1	Systematic
54.7	7.5	SP-2	Systematic
88.7	7.5	SP-3	Systematic
3.7	37.0	SP-4	Systematic
37.7	37.0	SP-5	Systematic
71.7	37.0	SP-6	Systematic
20.7	66.4	SP-7	Systematic
54.7	66.4	SP-8	Systematic
88.7	66.4	SP-9	Systematic
3.7	95.8	SP-10	Systematic
37.7	95.8	SP-11	Systematic
71.7	95.8	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-2
Soil Lift #2



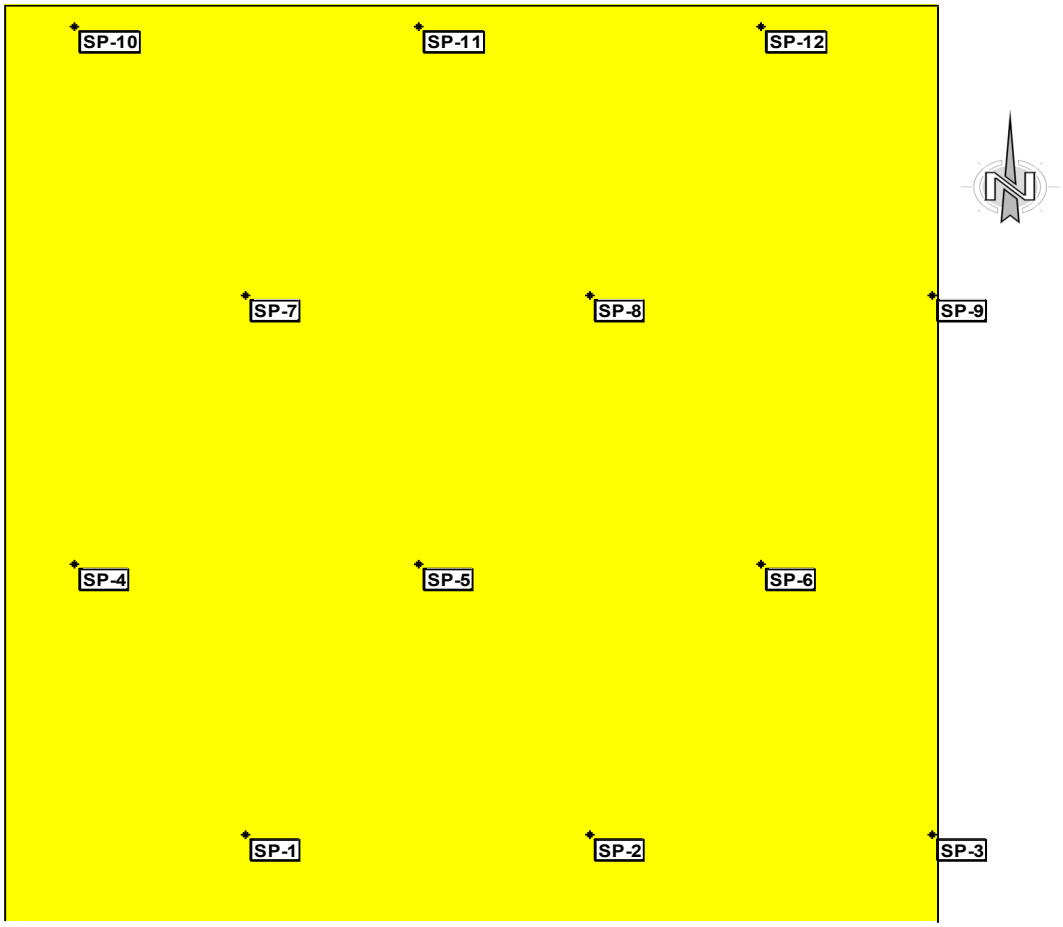
OL-5-2 Area: Soil Lift #2 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
20.0	9.7	SP-1	Systematic
52.3	9.7	SP-2	Systematic
84.6	9.7	SP-3	Systematic
3.8	37.7	SP-4	Systematic
36.1	37.7	SP-5	Systematic
68.4	37.7	SP-6	Systematic
20.0	65.6	SP-7	Systematic
52.3	65.6	SP-8	Systematic
84.6	65.6	SP-9	Systematic
3.8	93.6	SP-10	Systematic
36.1	93.6	SP-11	Systematic
68.4	93.6	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-3
Soil Lift #3



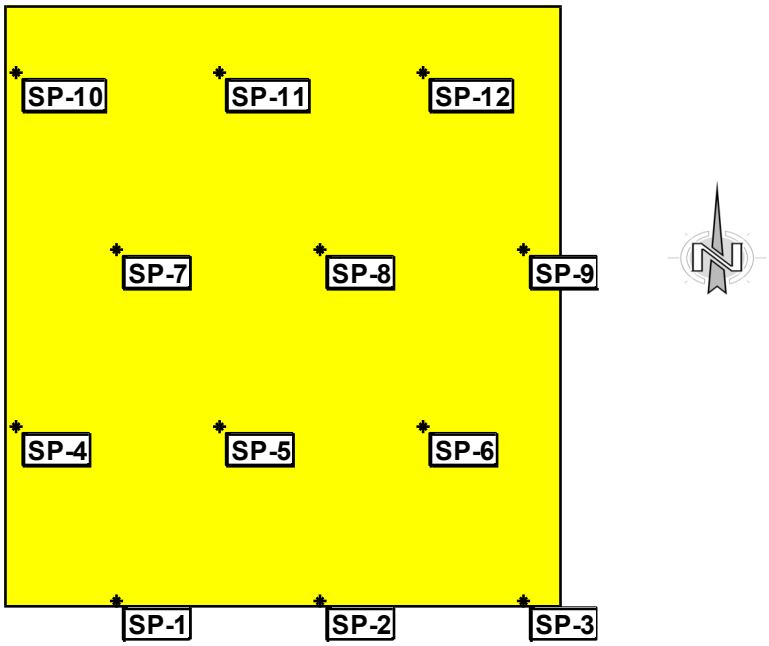
OL-5-3 Area: Soil Lift #3 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
4.3	7.7	SP-1	Systematic
38.3	7.7	SP-2	Systematic
72.3	7.7	SP-3	Systematic
21.3	37.2	SP-4	Systematic
55.3	37.2	SP-5	Systematic
89.3	37.2	SP-6	Systematic
4.3	66.6	SP-7	Systematic
38.3	66.6	SP-8	Systematic
72.3	66.6	SP-9	Systematic
21.3	96.1	SP-10	Systematic
55.3	96.1	SP-11	Systematic
89.3	96.1	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-4
Soil Lift #4



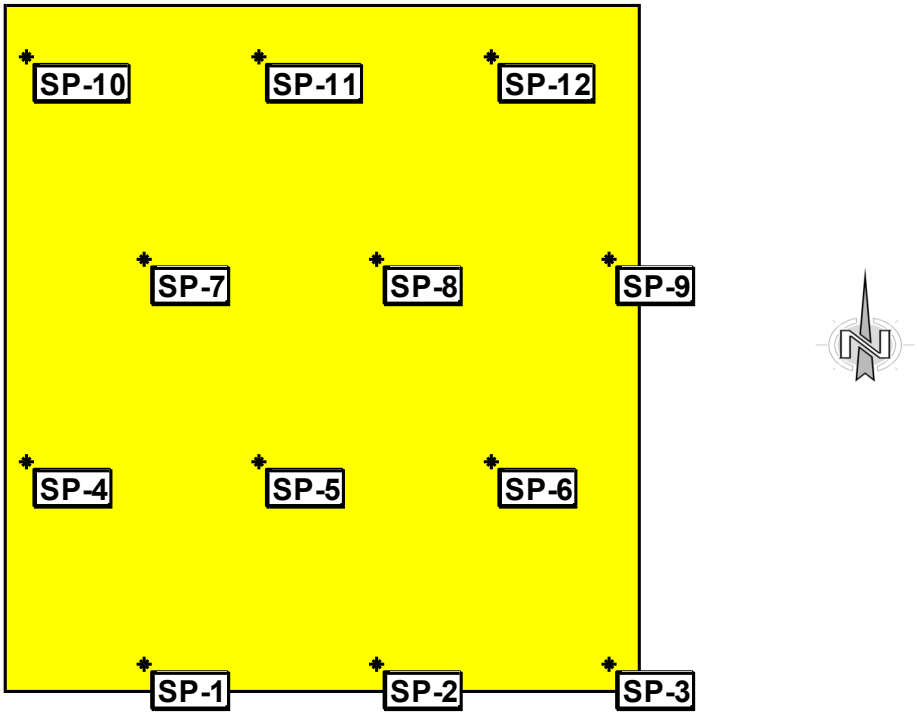
OL-5-4 Area: Soil Lift #4 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
24.2.	9.3	SP-1	Systematic
58.2	9.3	SP-2	Systematic
92.2	9.3	SP-3	Systematic
7.2	38.7	SP-4	Systematic
41.2	38.7	SP-5	Systematic
75.2	38.7	SP-6	Systematic
24.2	68.2	SP-7	Systematic
58.2	68.2	SP-8	Systematic
92.2	68.2	SP-9	Systematic
7.2	97.6	SP-10	Systematic
41.2	97.6	SP-11	Systematic
75.2	97.6	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-5
Soil Lift #5



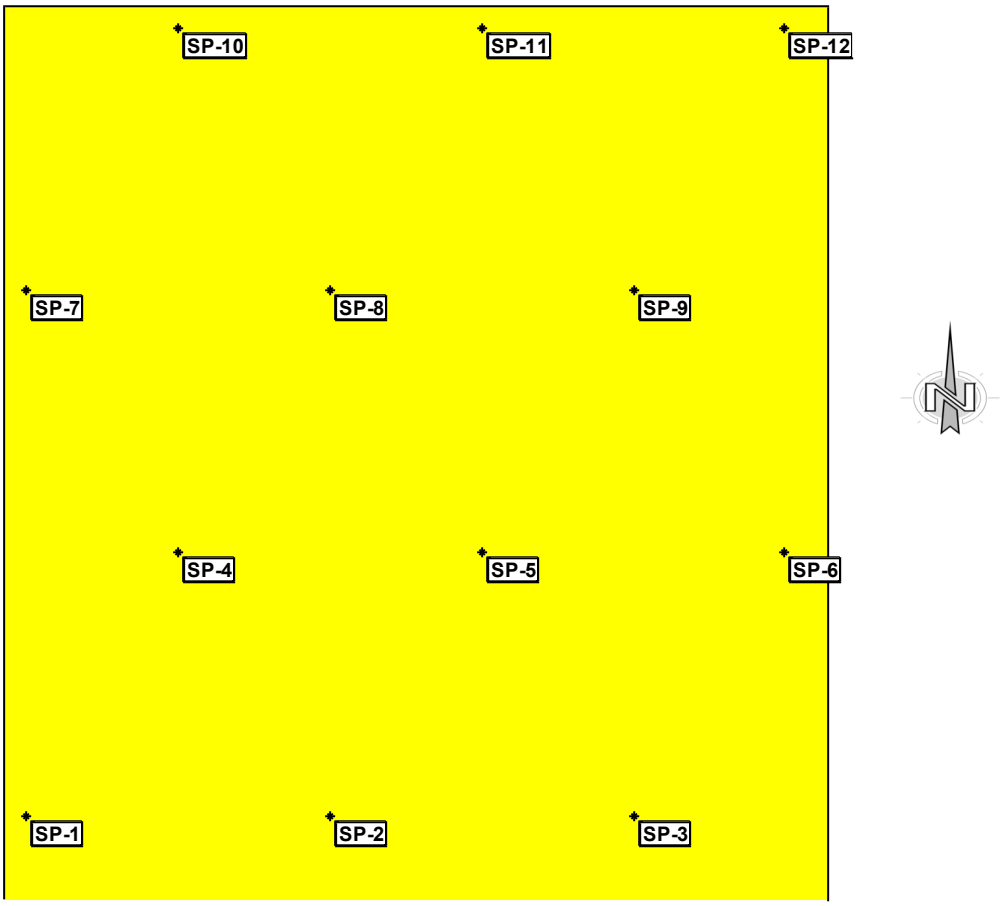
OL-5-5 Area: Soil Lift #5 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
19	1	SP-1	Systematic
53	1	SP-2	Systematic
87	1	SP-3	Systematic
2	30	SP-4	Systematic
36	30	SP-5	Systematic
70	30	SP-6	Systematic
19	59	SP-7	Systematic
53	59	SP-8	Systematic
87	59	SP-9	Systematic
2	89	SP-10	Systematic
36	89	SP-11	Systematic
70	89	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-6
Soil Lift #6



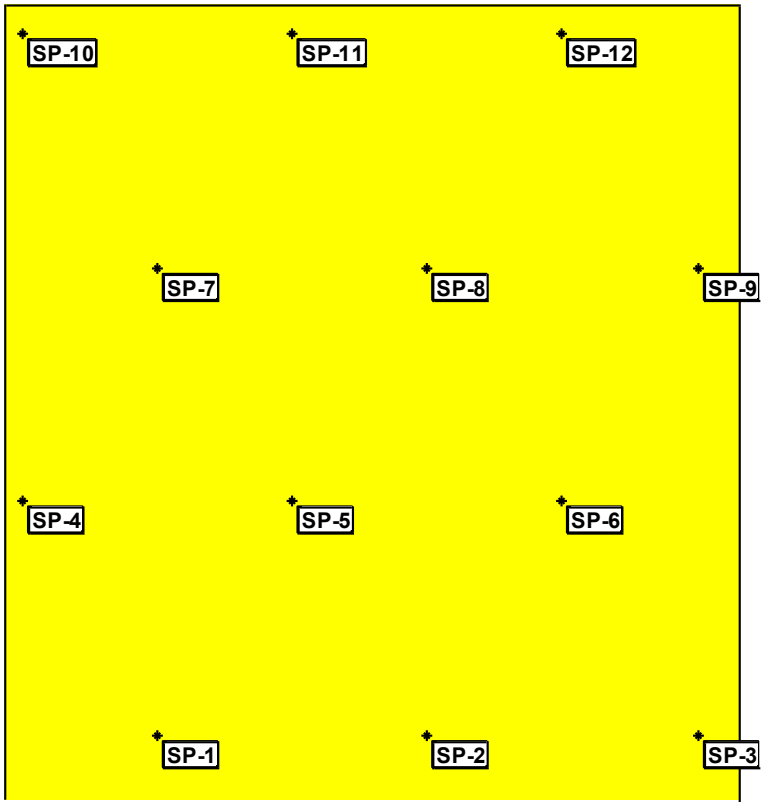
OL-5-6 Area: Soil Lift #6 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
20	4	SP-1	Systematic
54	4	SP-2	Systematic
88	4	SP-3	Systematic
3	33	SP-4	Systematic
37	33	SP-5	Systematic
71	33	SP-6	Systematic
20	63	SP-7	Systematic
54	63	SP-8	Systematic
88	63	SP-9	Systematic
3	92	SP-10	Systematic
37	92	SP-11	Systematic
71	92	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-7
Soil Lift #7



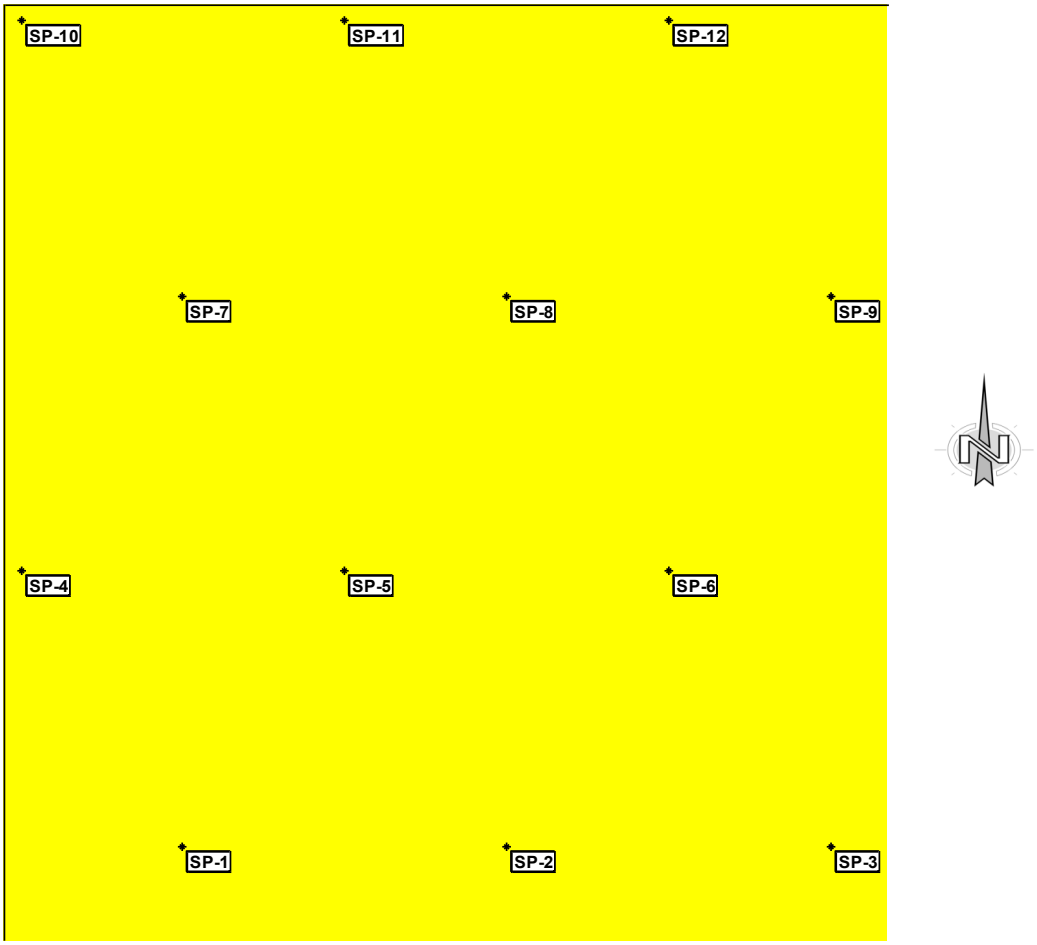
OL-5-7 Area: Soil Lift #7 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
2.6	9.4	SP-1	Systematic
36.6	9.4	SP-2	Systematic
70.6	9.4	SP-3	Systematic
19.6	38.8	SP-4	Systematic
53.6	38.8	SP-5	Systematic
87.6	38.8	SP-6	Systematic
2.6	68.3	SP-7	Systematic
36.6	68.3	SP-8	Systematic
70.6	68.3	SP-9	Systematic
19.6	97.7	SP-10	Systematic
53.6	97.7	SP-11	Systematic
87.6	97.7	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-8
Soil Lift #8



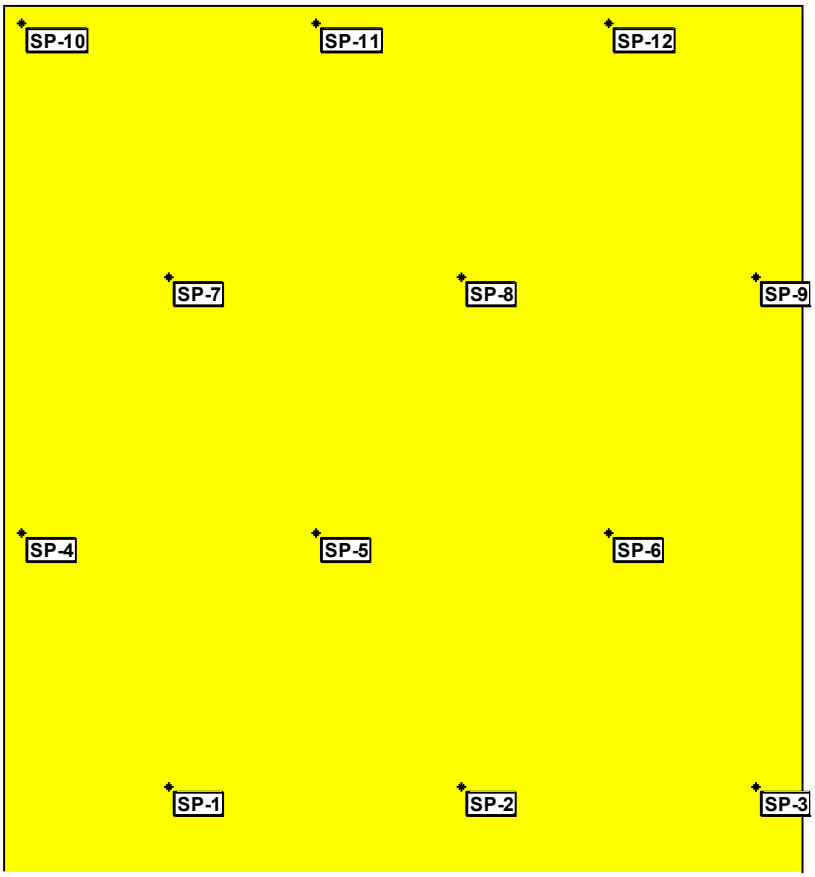
OL-5-8 Area: Soil Lift #8 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
19	8	SP-1	Systematic
53	8	SP-2	Systematic
87	8	SP-3	Systematic
2	38	SP-4	Systematic
36	38	SP-5	Systematic
70	38	SP-6	Systematic
19	67	SP-7	Systematic
53	67	SP-8	Systematic
87	67	SP-9	Systematic
2	97	SP-10	Systematic
36	97	SP-11	Systematic
70	97	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-9
Soil Lift #9



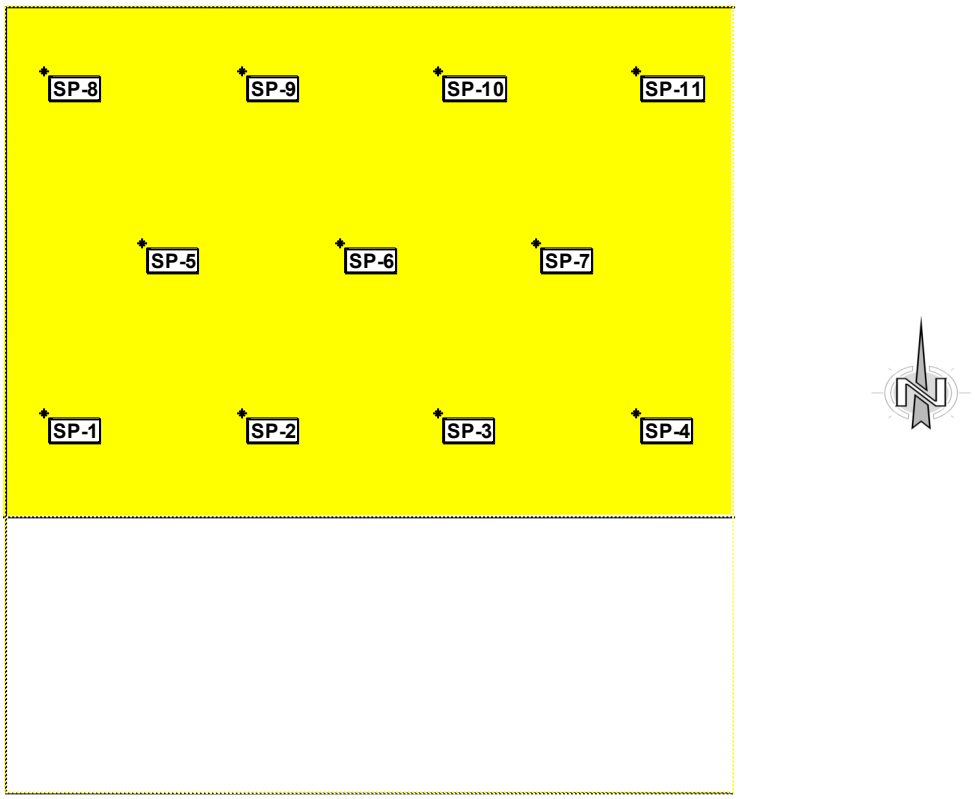
OL-5-9 Area: Soil Lift #9 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
18.7	10.1	SP-1	Systematic
52.7	10.1	SP-2	Systematic
86.7	10.1	SP-3	Systematic
1.7	39.6	SP-4	Systematic
35.7	39.6	SP-5	Systematic
69.7	39.6	SP-6	Systematic
18.7	69.0	SP-7	Systematic
52.7	69.0	SP-8	Systematic
86.7	69.0	SP-9	Systematic
1.7	98.4	SP-10	Systematic
35.7	98.4	SP-11	Systematic
69.7	98.4	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-10
Soil Lift #10



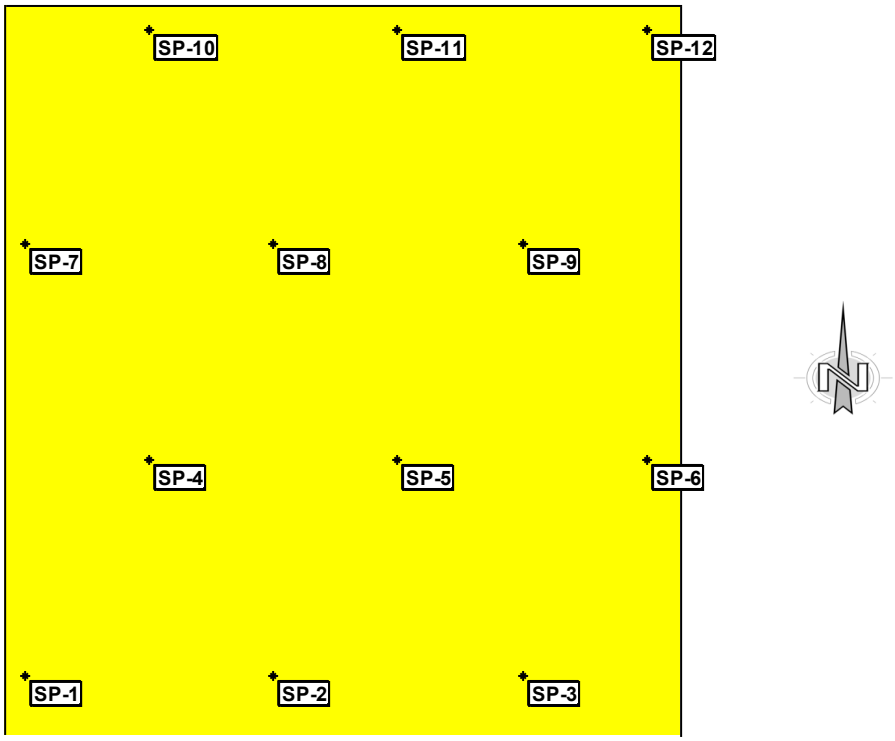
OL-5-10 Area: Soil Lift #10 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
19.0	9.7	SP-1	Systematic
53.0	9.7	SP-2	Systematic
87.0	9.7	SP-3	Systematic
2.0	39.2	SP-4	Systematic
36.0	39.2	SP-5	Systematic
70.0	39.2	SP-6	Systematic
19.0	68.6	SP-7	Systematic
53.0	68.6	SP-8	Systematic
87.0	68.6	SP-9	Systematic
2.0	98.1	SP-10	Systematic
36.0	98.1	SP-11	Systematic
70.0	98.1	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-11
Soil Lift #11



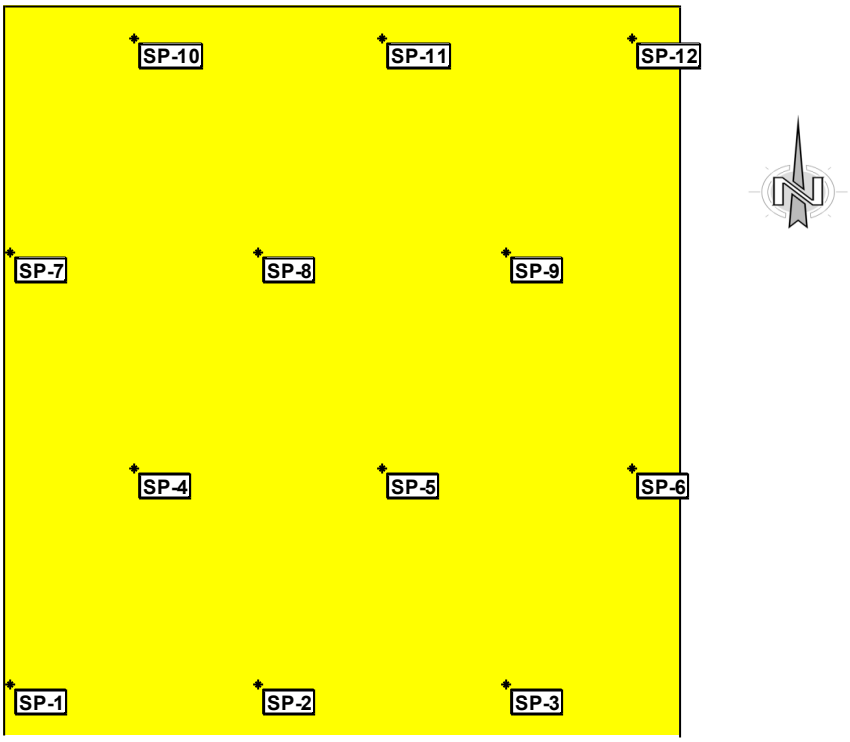
OL-5-11 Area: Soil Lift #11 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
4.8	48.3	SP-1	Systematic
29.9	48.3	SP-2	Systematic
54.9	48.3	SP-3	Systematic
80.0	48.3	SP-4	Systematic
17.3	70.0	SP-5	Systematic
42.4	70.0	SP-6	Systematic
67.5	70.0	SP-7	Systematic
4.8	91.7	SP-8	Systematic
29.9	91.7	SP-9	Systematic
54.9	91.7	SP-10	Systematic
80.0	91.7	SP-11	Systematic
4.8	48.3	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-12
Soil Lift #12



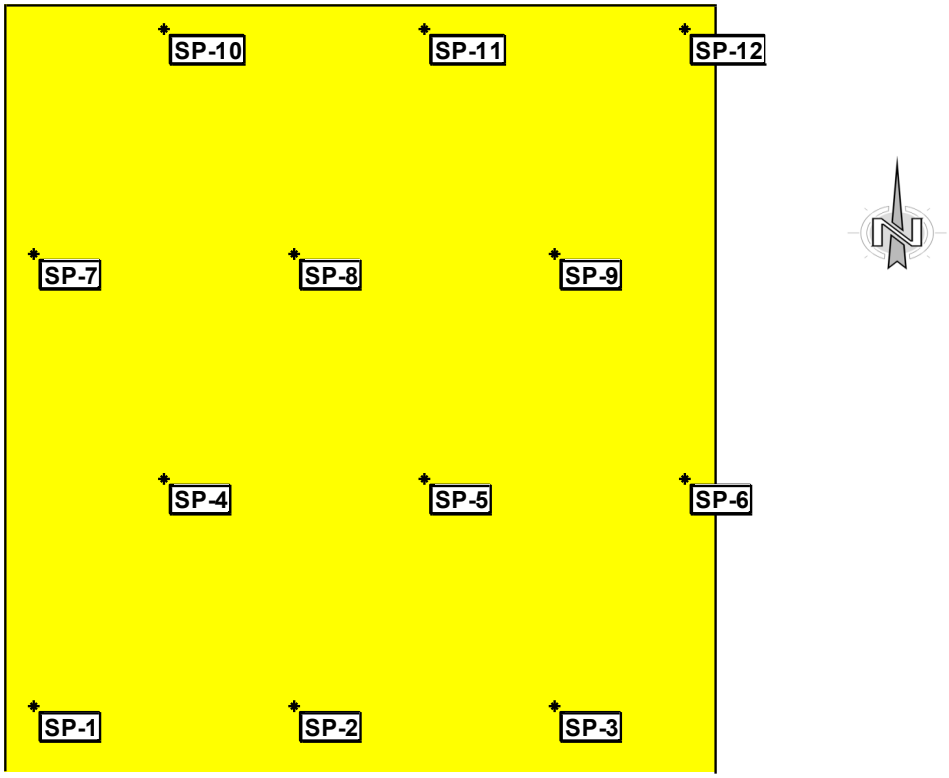
OL-5-12 Area: Soil Lift #12 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
3	8	SP-1	Systematic
37	8	SP-2	Systematic
71	8	SP-3	Systematic
20	38	SP-4	Systematic
54	38	SP-5	Systematic
88	38	SP-6	Systematic
3	67	SP-7	Systematic
37	67	SP-8	Systematic
71	67	SP-9	Systematic
20	97	SP-10	Systematic
54	97	SP-11	Systematic
88	97	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-13
Soil Lift #13



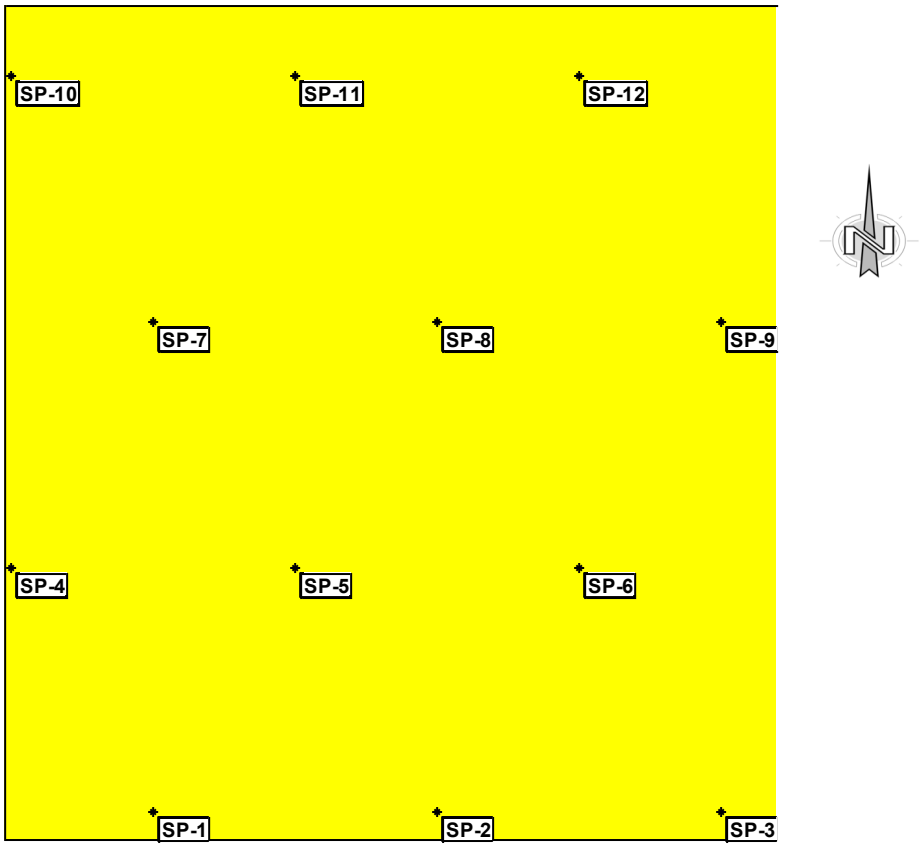
OL-5-13 Area: Soil Lift #13 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
1	7	SP-1	Systematic
35	7	SP-2	Systematic
69	7	SP-3	Systematic
18	37	SP-4	Systematic
52	37	SP-5	Systematic
86	37	SP-6	Systematic
1	66	SP-7	Systematic
35	66	SP-8	Systematic
69	66	SP-9	Systematic
18	95	SP-10	Systematic
52	95	SP-11	Systematic
86	95	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-14
Soil Lift #14



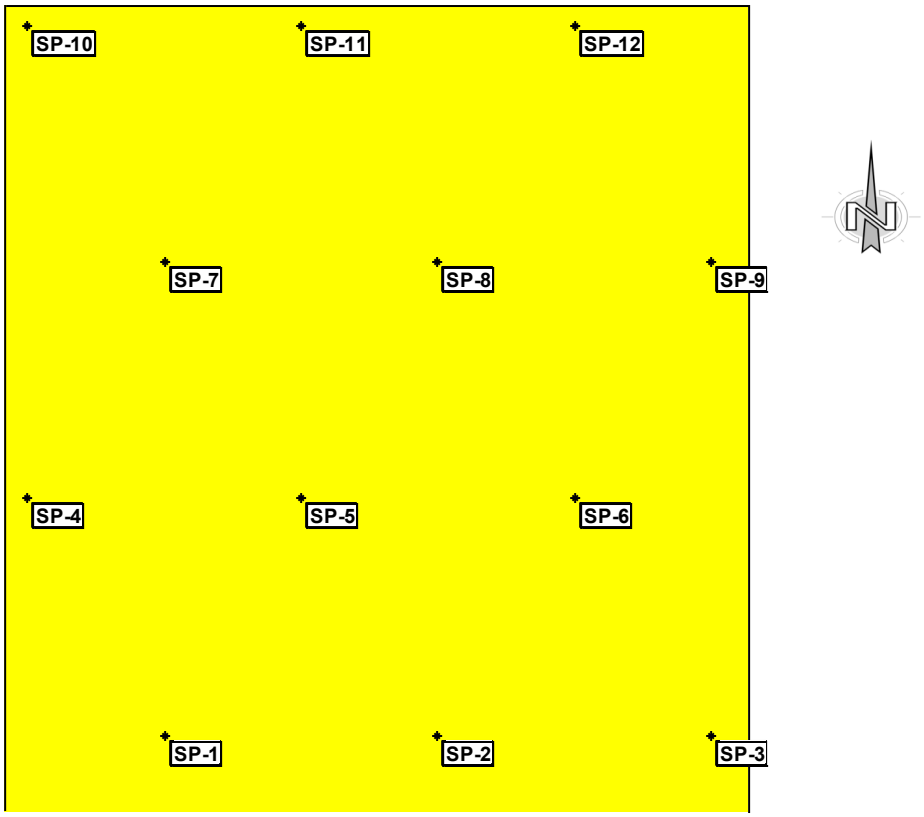
OL-5-14 Area: Soil Lift #14 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
3.8	8.9	SP-1	Systematic
37.8	8.9	SP-2	Systematic
71.8	8.9	SP-3	Systematic
20.8	38.3	SP-4	Systematic
54.8	38.3	SP-5	Systematic
88.8	38.3	SP-6	Systematic
3.8	67.7	SP-7	Systematic
37.8	67.7	SP-8	Systematic
71.8	67.7	SP-9	Systematic
20.8	97.2	SP-10	Systematic
54.8	97.2	SP-11	Systematic
88.8	97.2	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-15
Soil Lift #15



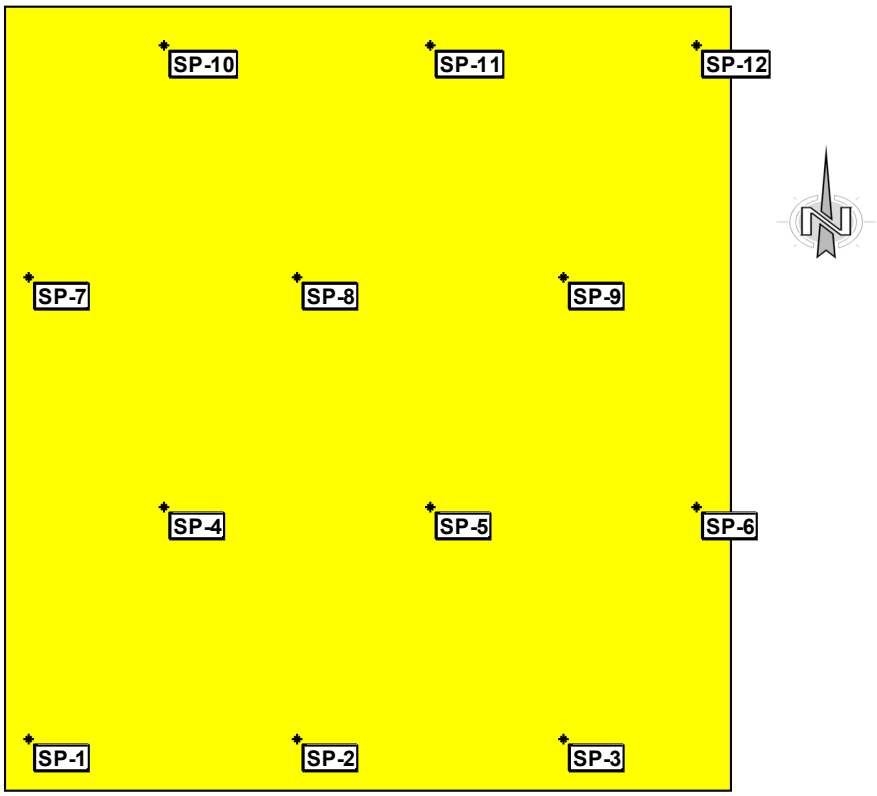
OL-5-15 Area: Soil Lift #15 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
17.6	3.3	SP-1	Systematic
51.6	3.3	SP-2	Systematic
85.6	3.3	SP-3	Systematic
0.6	32.7	SP-4	Systematic
34.6	32.7	SP-5	Systematic
68.6	32.7	SP-6	Systematic
17.6	62.1	SP-7	Systematic
51.6	62.1	SP-8	Systematic
85.6	62.1	SP-9	Systematic
0.6	91.6	SP-10	Systematic
34.6	91.6	SP-11	Systematic
68.6	91.6	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-16
Soil Lift #16



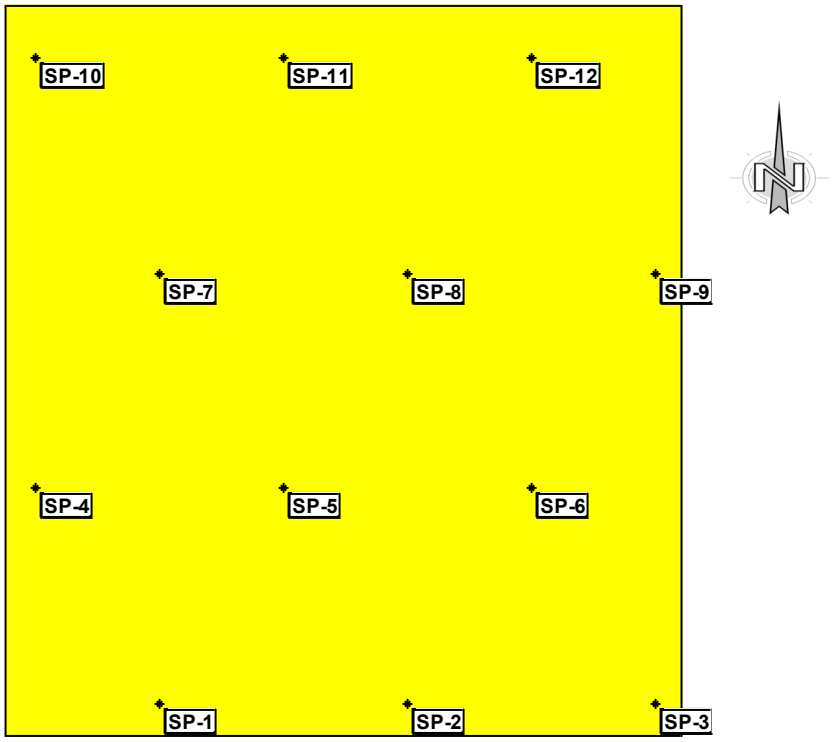
OL-5-16 Area: Soil Lift #16 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
19.7	9.4	SP-1	Systematic
53.7	9.4	SP-2	Systematic
87.7	9.4	SP-3	Systematic
2.7	38.8	SP-4	Systematic
36.7	38.8	SP-5	Systematic
70.7	38.8	SP-6	Systematic
19.7	68.3	SP-7	Systematic
53.7	68.3	SP-8	Systematic
87.7	68.3	SP-9	Systematic
2.7	97.7	SP-10	Systematic
36.7	97.7	SP-11	Systematic
70.7	97.7	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-17
Soil Lift #17



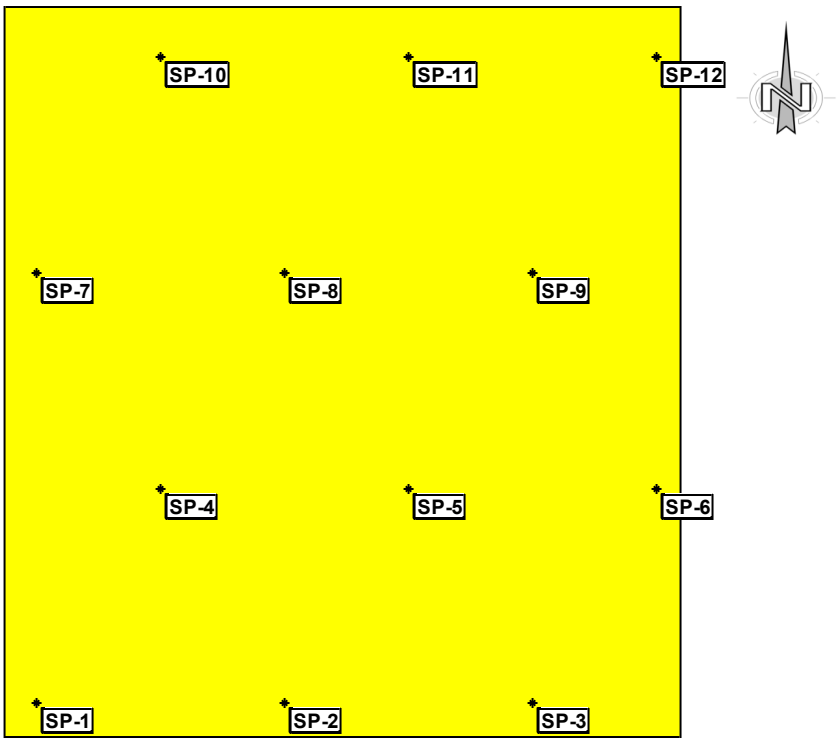
OL-5-17 Area: Soil Lift #17 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
3	6	SP-1	Systematic
37	6	SP-2	Systematic
71	6	SP-3	Systematic
20	36	SP-4	Systematic
54	36	SP-5	Systematic
88	36	SP-6	Systematic
3	65	SP-7	Systematic
37	65	SP-8	Systematic
71	65	SP-9	Systematic
20	95	SP-10	Systematic
54	95	SP-11	Systematic
88	95	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-18
Soil Lift #18



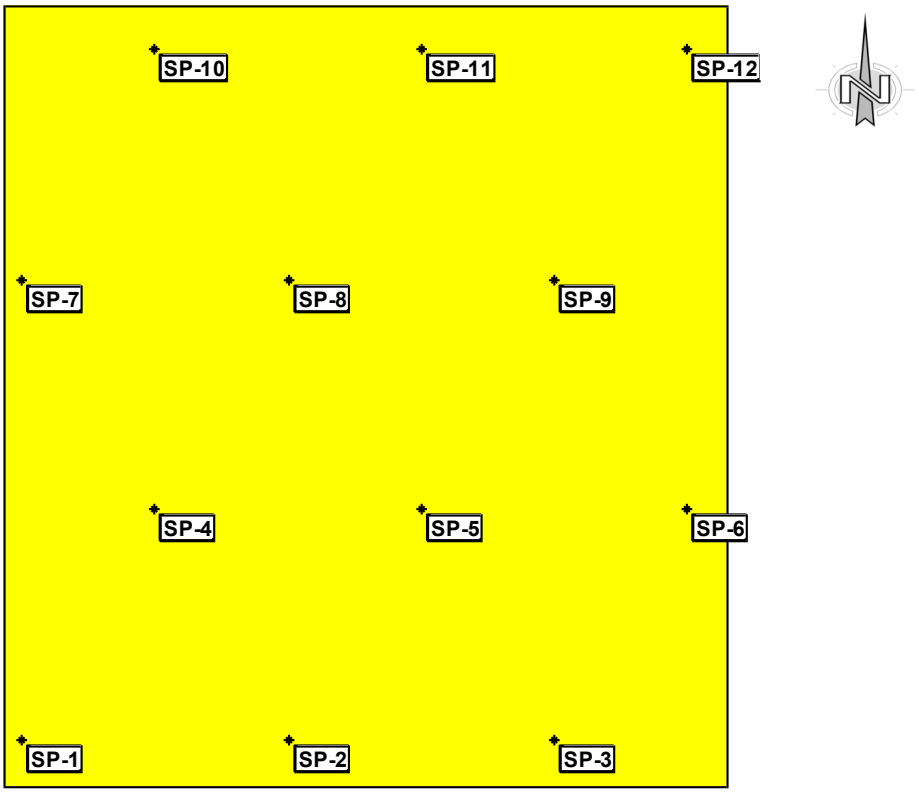
OL-5-18 Area: Soil Lift #18 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
21	4	SP-1	Systematic
55	4	SP-2	Systematic
89	4	SP-3	Systematic
4	34	SP-4	Systematic
38	34	SP-5	Systematic
72	34	SP-6	Systematic
21	63	SP-7	Systematic
55	63	SP-8	Systematic
89	63	SP-9	Systematic
4	93	SP-10	Systematic
38	93	SP-11	Systematic
21	4	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-19
Soil Lift #19



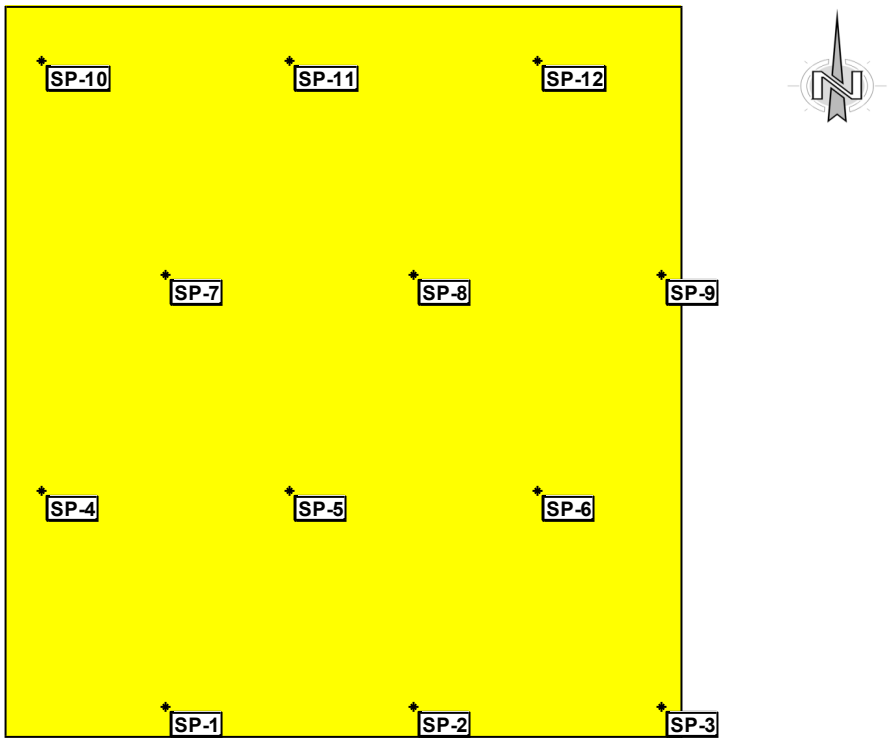
OL-5-19 Area: Soil Lift #19 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
5	4	SP-1	Systematic
39	4	SP-2	Systematic
73	4	SP-3	Systematic
22	34	SP-4	Systematic
56	34	SP-5	Systematic
90	34	SP-6	Systematic
5	63	SP-7	Systematic
39	63	SP-8	Systematic
73	63	SP-9	Systematic
22	93	SP-10	Systematic
56	93	SP-11	Systematic
90	93	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-20
Soil Lift #20



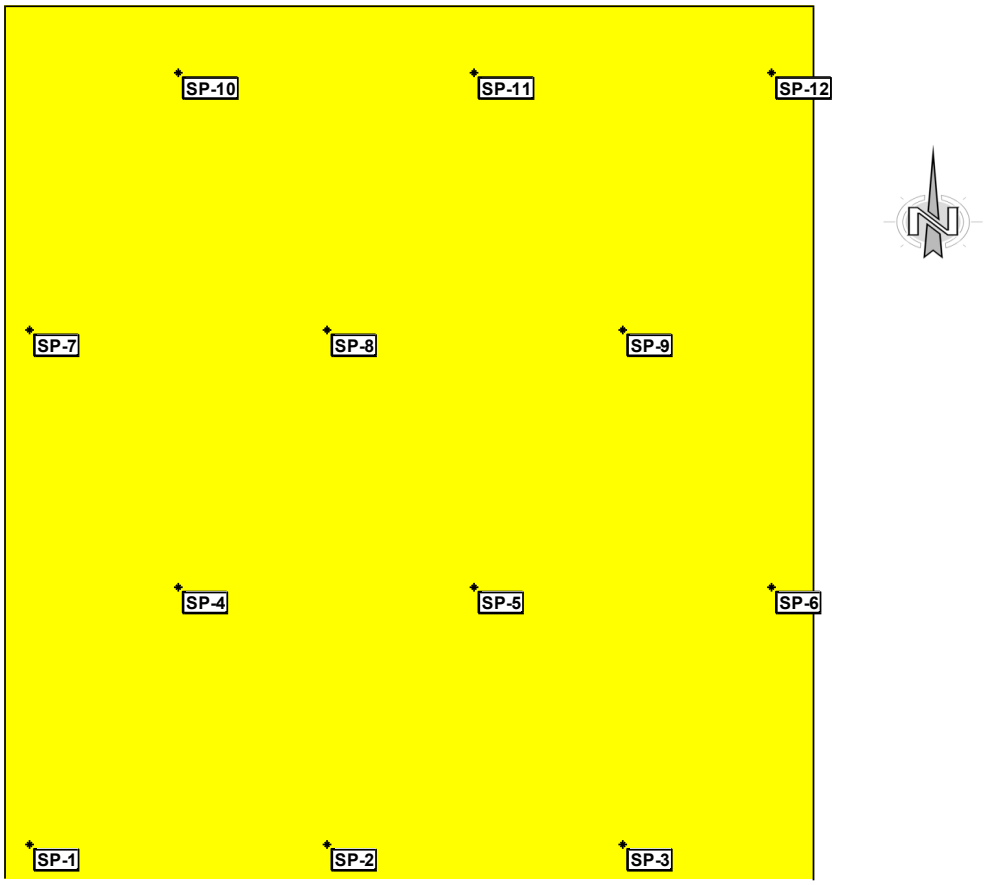
OL-5-20 Area: Soil Lift #20 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
3	6	SP-1	Systematic
37	6	SP-2	Systematic
71	6	SP-3	Systematic
20	35	SP-4	Systematic
54	35	SP-5	Systematic
88	35	SP-6	Systematic
3	65	SP-7	Systematic
37	65	SP-8	Systematic
71	65	SP-9	Systematic
20	94	SP-10	Systematic
54	94	SP-11	Systematic
88	94	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-21
Soil Lift #21



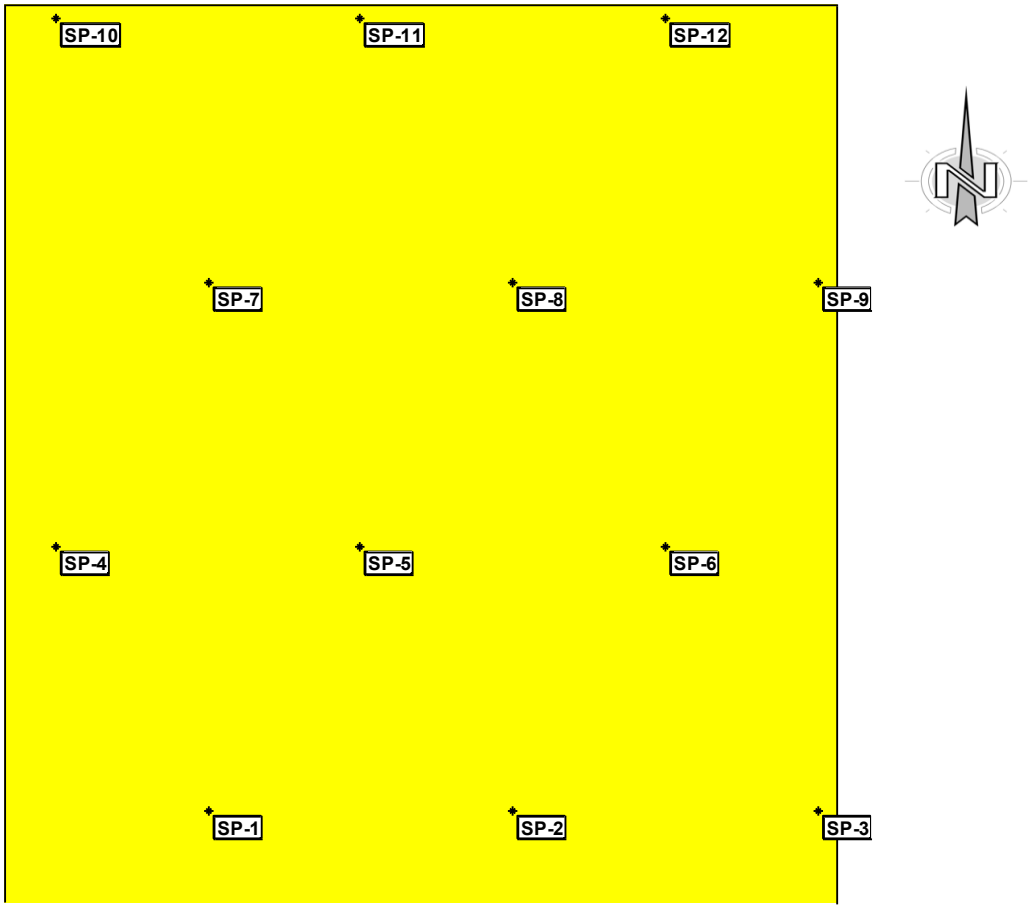
OL-5-21 Area: Soil Lift #21 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
22	4	SP-1	Systematic
56	4	SP-2	Systematic
90	4	SP-3	Systematic
5	33	SP-4	Systematic
39	33	SP-5	Systematic
73	33	SP-6	Systematic
22	63	SP-7	Systematic
56	63	SP-8	Systematic
90	63	SP-9	Systematic
5	92	SP-10	Systematic
39	92	SP-11	Systematic
73	92	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-22
Soil Lift #22



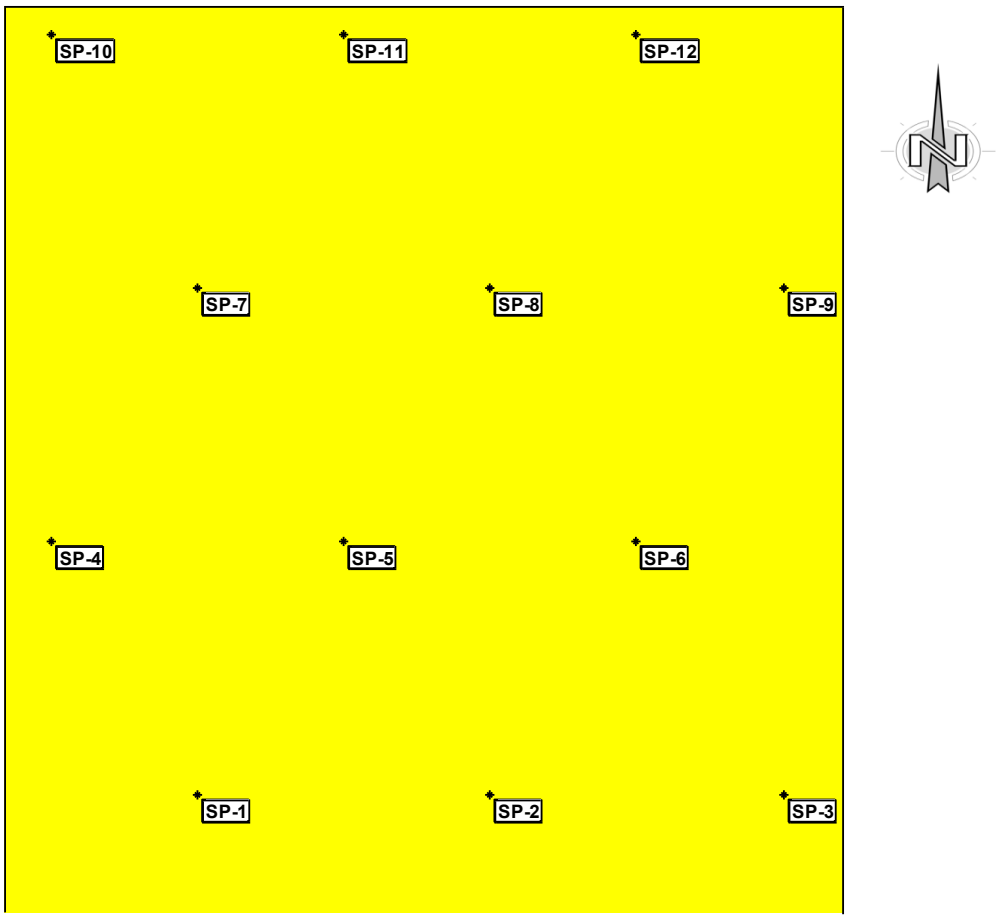
OL-5-22 Area: Soil Lift #22 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
3	4	SP-1	Systematic
37	4	SP-2	Systematic
71	4	SP-3	Systematic
20	33	SP-4	Systematic
54	33	SP-5	Systematic
88	33	SP-6	Systematic
3	63	SP-7	Systematic
37	63	SP-8	Systematic
71	63	SP-9	Systematic
20	92	SP-10	Systematic
54	92	SP-11	Systematic
88	92	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-23
Soil Lift #23



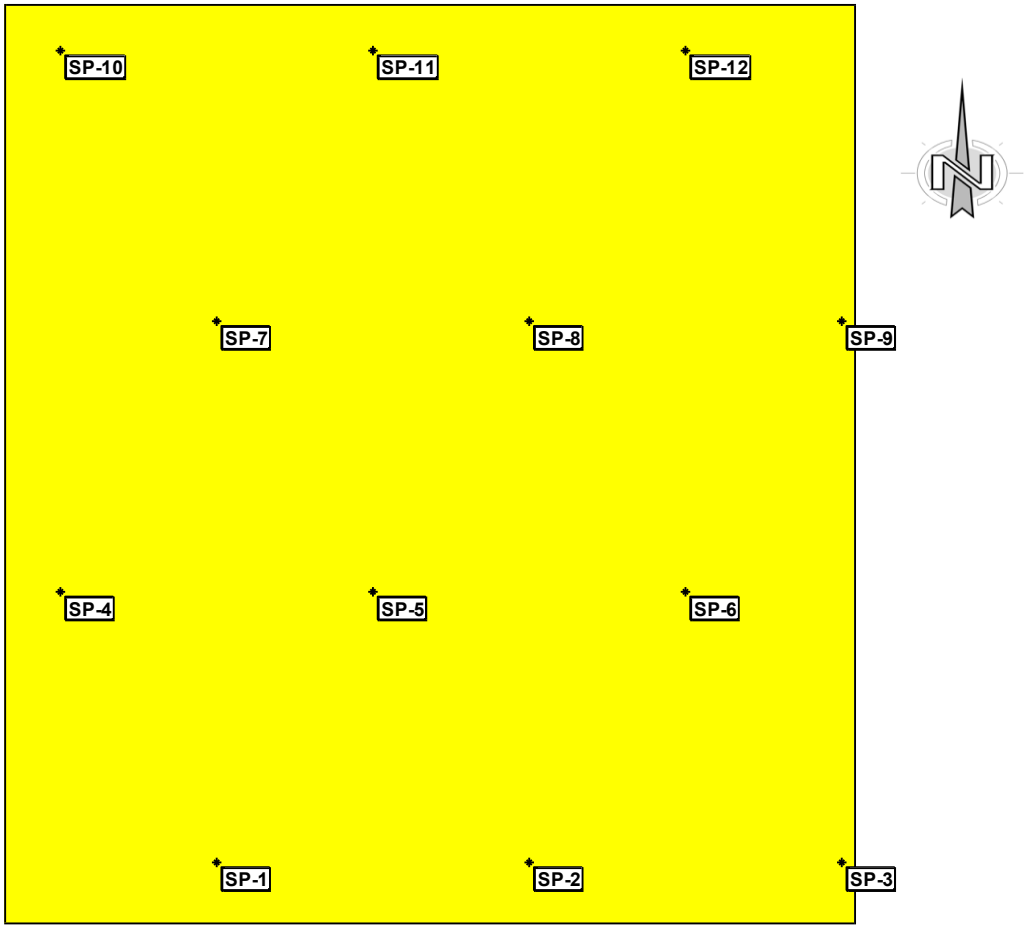
OL-5-23 Area: Soil Lift #23 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
22.5	10.3	SP-1	Systematic
56.5	10.3	SP-2	Systematic
90.5	10.3	SP-3	Systematic
5.5	39.7	SP-4	Systematic
39.5	39.7	SP-5	Systematic
73.5	39.7	SP-6	Systematic
22.5	69.2	SP-7	Systematic
56.5	69.2	SP-8	Systematic
90.5	69.2	SP-9	Systematic
5.5	98.6	SP-10	Systematic
39.5	98.6	SP-11	Systematic
73.5	98.6	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-24
Soil Lift #24



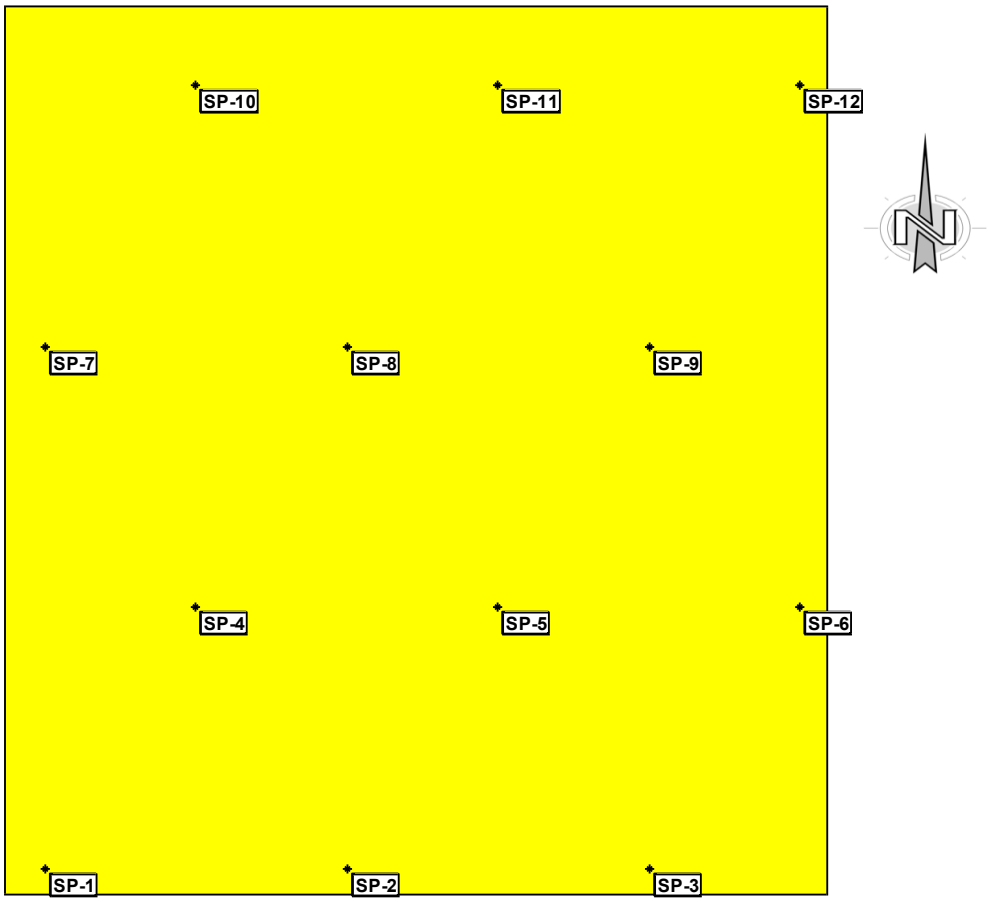
OL-5-24 Area: Soil Lift #24 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
21	13	SP-1	Systematic
53	13	SP-2	Systematic
86	13	SP-3	Systematic
5	41	SP-4	Systematic
37	41	SP-5	Systematic
70	41	SP-6	Systematic
21	69	SP-7	Systematic
53	69	SP-8	Systematic
86	69	SP-9	Systematic
5	97	SP-10	Systematic
37	97	SP-11	Systematic
70	97	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-25
Soil Lift #25



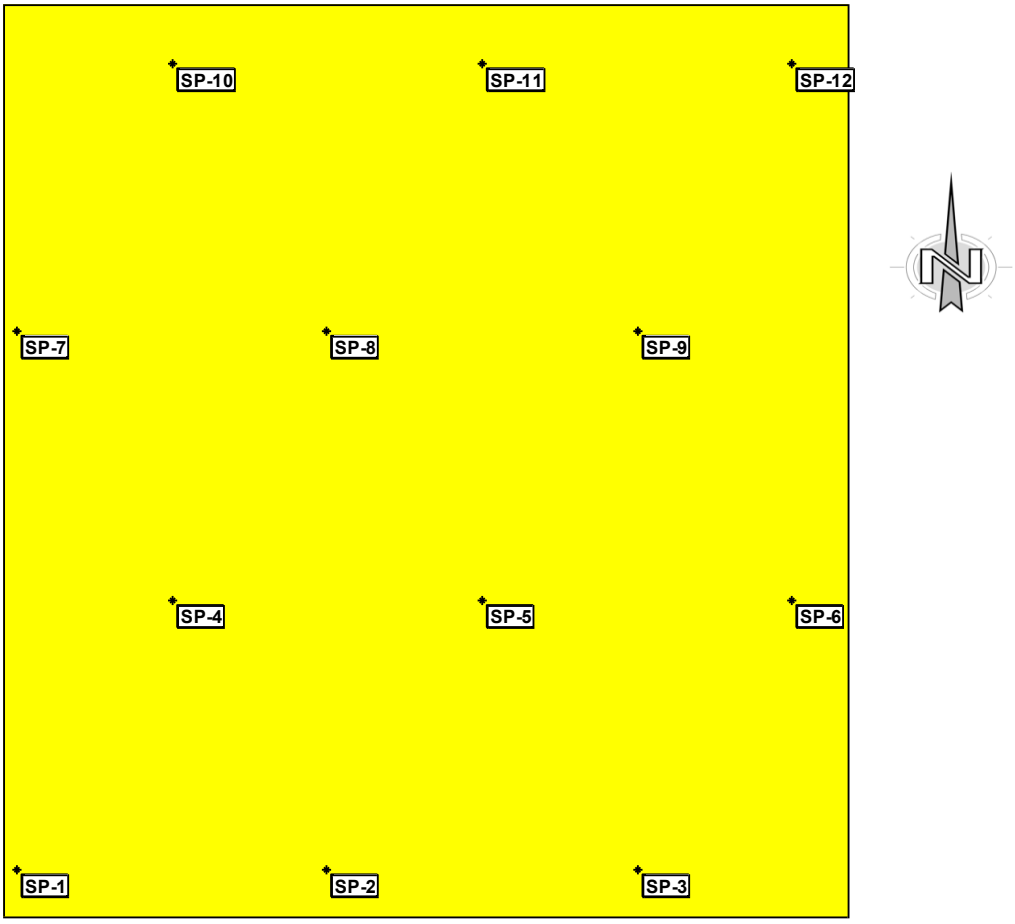
OL-5-25 Area: Soil Lift #25 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
23	7	SP-1	Systematic
57	7	SP-2	Systematic
91	7	SP-3	Systematic
6	36	SP-4	Systematic
40	36	SP-5	Systematic
74	36	SP-6	Systematic
23	66	SP-7	Systematic
57	66	SP-8	Systematic
91	66	SP-9	Systematic
6	95	SP-10	Systematic
40	95	SP-11	Systematic
74	95	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-26
Soil Lift #26



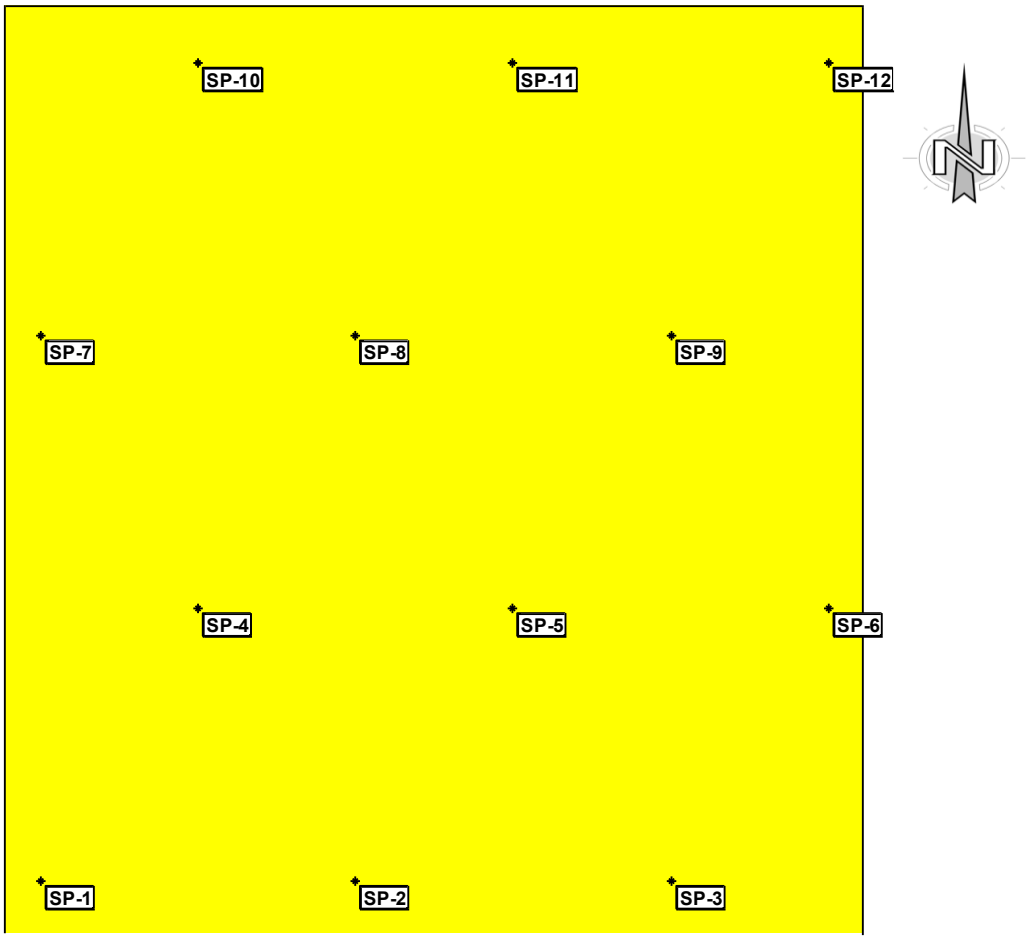
OL-5-26 Area: Soil Lift #26 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
5	3	SP-1	Systematic
39	3	SP-2	Systematic
72	3	SP-3	Systematic
22	32	SP-4	Systematic
56	32	SP-5	Systematic
89	32	SP-6	Systematic
5	62	SP-7	Systematic
39	62	SP-8	Systematic
72	62	SP-9	Systematic
22	91	SP-10	Systematic
56	91	SP-11	Systematic
89	91	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-27
Soil Lift #27



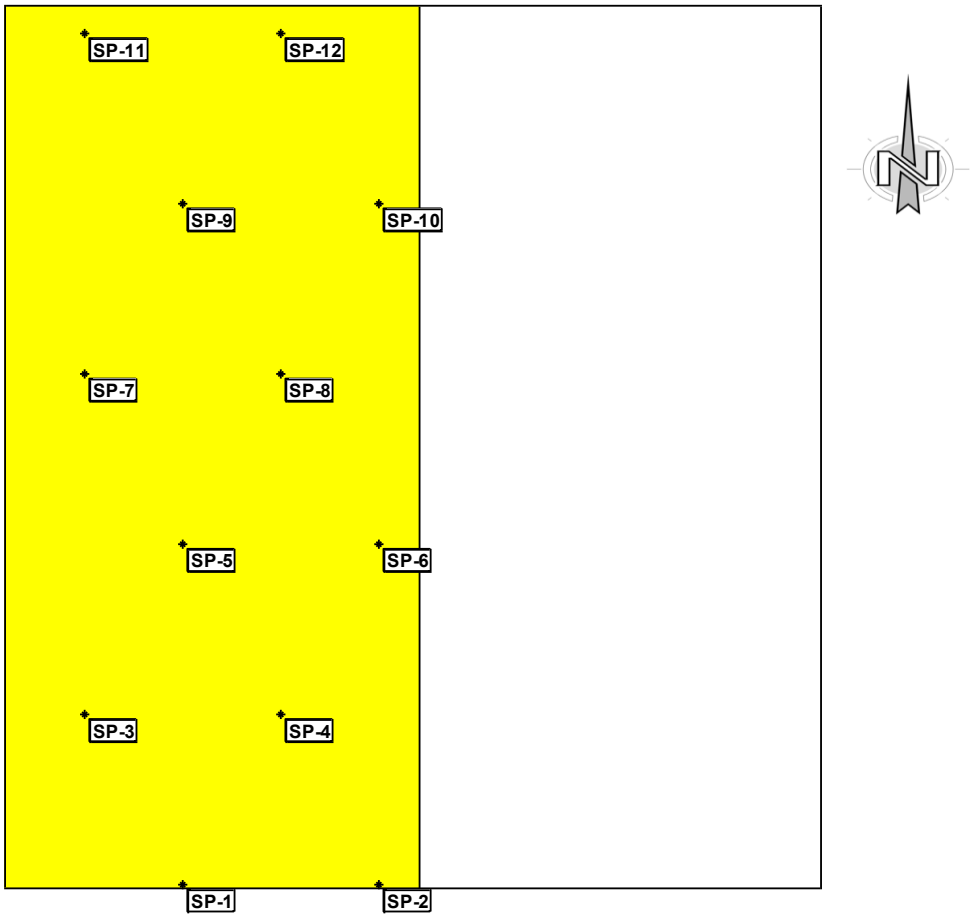
OL-5-27 Area: Soil Lift #27 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
1	5	SP-1	Systematic
35	5	SP-2	Systematic
69	5	SP-3	Systematic
18	35	SP-4	Systematic
52	35	SP-5	Systematic
86	35	SP-6	Systematic
1	64	SP-7	Systematic
35	64	SP-8	Systematic
69	64	SP-9	Systematic
18	94	SP-10	Systematic
52	94	SP-11	Systematic
86	94	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-28
Soil Lift #28



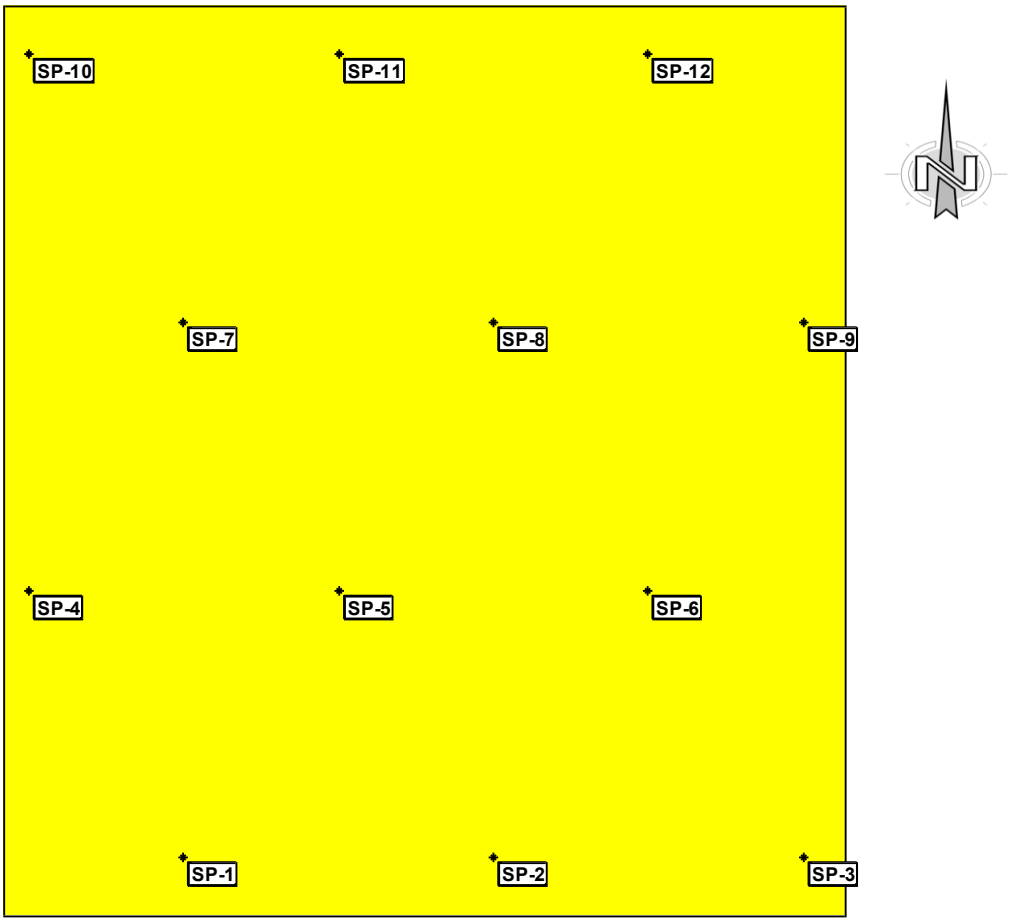
OL-5-28 Area: Soil Lift #28 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
4	6	SP-1	Systematic
38	6	SP-2	Systematic
72	6	SP-3	Systematic
21	35	SP-4	Systematic
55	35	SP-5	Systematic
89	35	SP-6	Systematic
4	65	SP-7	Systematic
38	65	SP-8	Systematic
72	65	SP-9	Systematic
21	94	SP-10	Systematic
55	94	SP-11	Systematic
89	94	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-29
Soil Lift #29



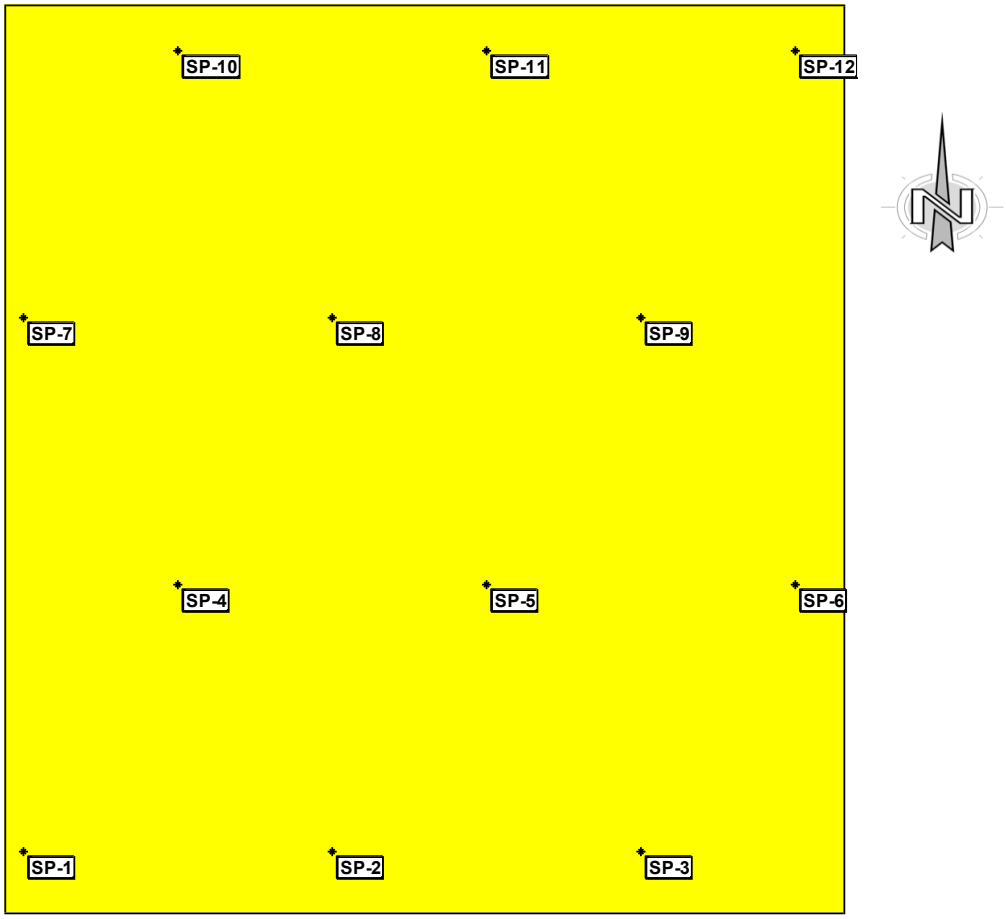
OL-5-29 Area: Soil Lift #29 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
20	0	SP-1	Systematic
42	0	SP-2	Systematic
9	20	SP-3	Systematic
31	20	SP-4	Systematic
20	39	SP-5	Systematic
42	39	SP-6	Systematic
9	58	SP-7	Systematic
31	58	SP-8	Systematic
20	77	SP-9	Systematic
42	77	SP-10	Systematic
9	97	SP-11	Systematic
31	97	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-30
Soil Lift #30



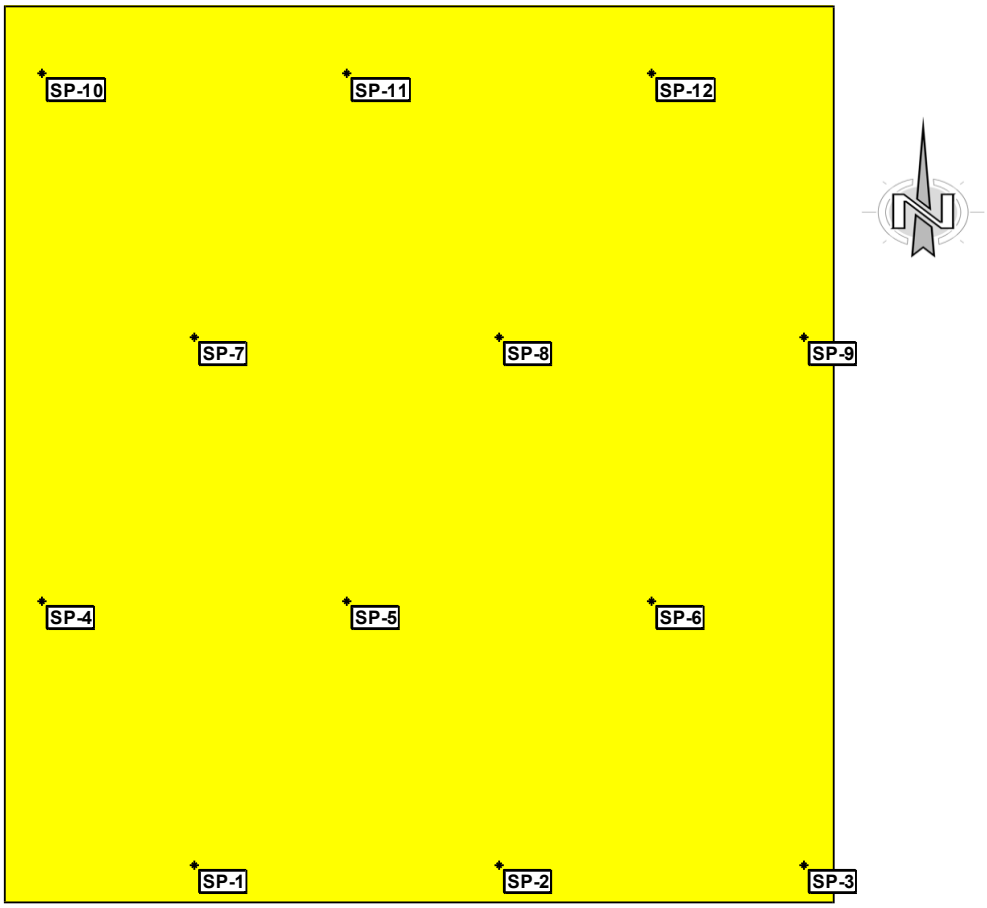
OL-5-30 Area: Soil Lift #30 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
20	6	SP-1	Systematic
54	6	SP-2	Systematic
88	6	SP-3	Systematic
3	36	SP-4	Systematic
37	36	SP-5	Systematic
71	36	SP-6	Systematic
20	65	SP-7	Systematic
54	65	SP-8	Systematic
88	65	SP-9	Systematic
3	95	SP-10	Systematic
37	95	SP-11	Systematic
71	95	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-31
Soil Lift #31



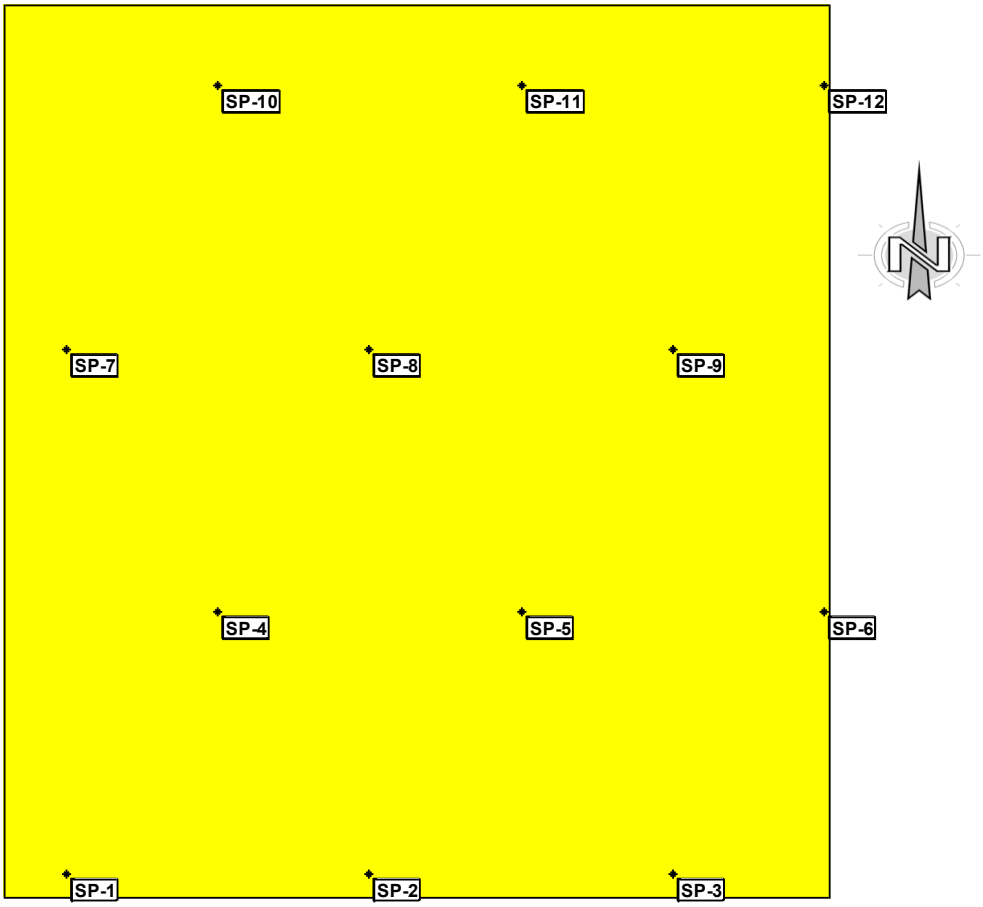
OL-5-31 Area: Soil Lift #31 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
2	7	SP-1	Systematic
36	7	SP-2	Systematic
70	7	SP-3	Systematic
19	36	SP-4	Systematic
53	36	SP-5	Systematic
87	36	SP-6	Systematic
2	66	SP-7	Systematic
36	66	SP-8	Systematic
70	66	SP-9	Systematic
19	95	SP-10	Systematic
53	95	SP-11	Systematic
87	95	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-32
Soil Lift #32



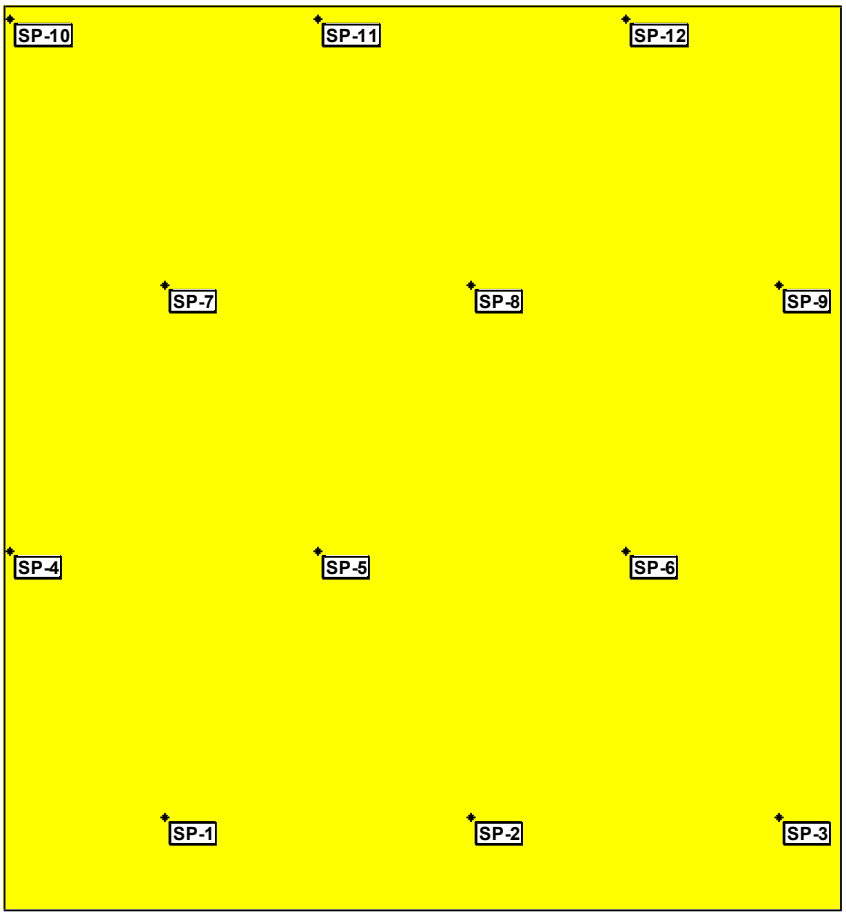
OL-5-32 Area: Soil Lift #32 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
21	4	SP-1	Systematic
55	4	SP-2	Systematic
89	4	SP-3	Systematic
4	34	SP-4	Systematic
38	34	SP-5	Systematic
72	34	SP-6	Systematic
21	63	SP-7	Systematic
55	63	SP-8	Systematic
89	63	SP-9	Systematic
4	93	SP-10	Systematic
38	93	SP-11	Systematic
72	93	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-33
Soil Lift #33



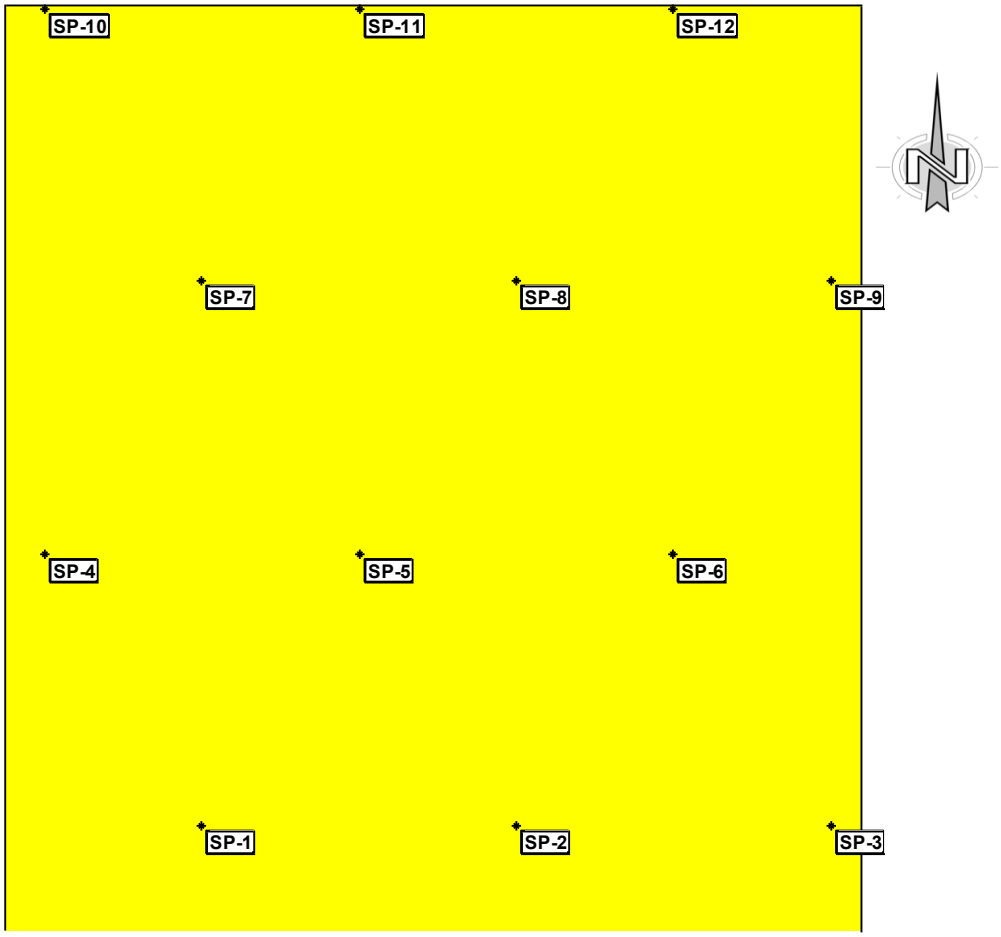
OL-5-33 Area: Soil Lift #33 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
7	3	SP-1	Systematic
41	3	SP-2	Systematic
75	3	SP-3	Systematic
24	32	SP-4	Systematic
58	32	SP-5	Systematic
92	32	SP-6	Systematic
7	62	SP-7	Systematic
41	62	SP-8	Systematic
75	62	SP-9	Systematic
24	91	SP-10	Systematic
58	91	SP-11	Systematic
92	91	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-34
Soil Lift #34



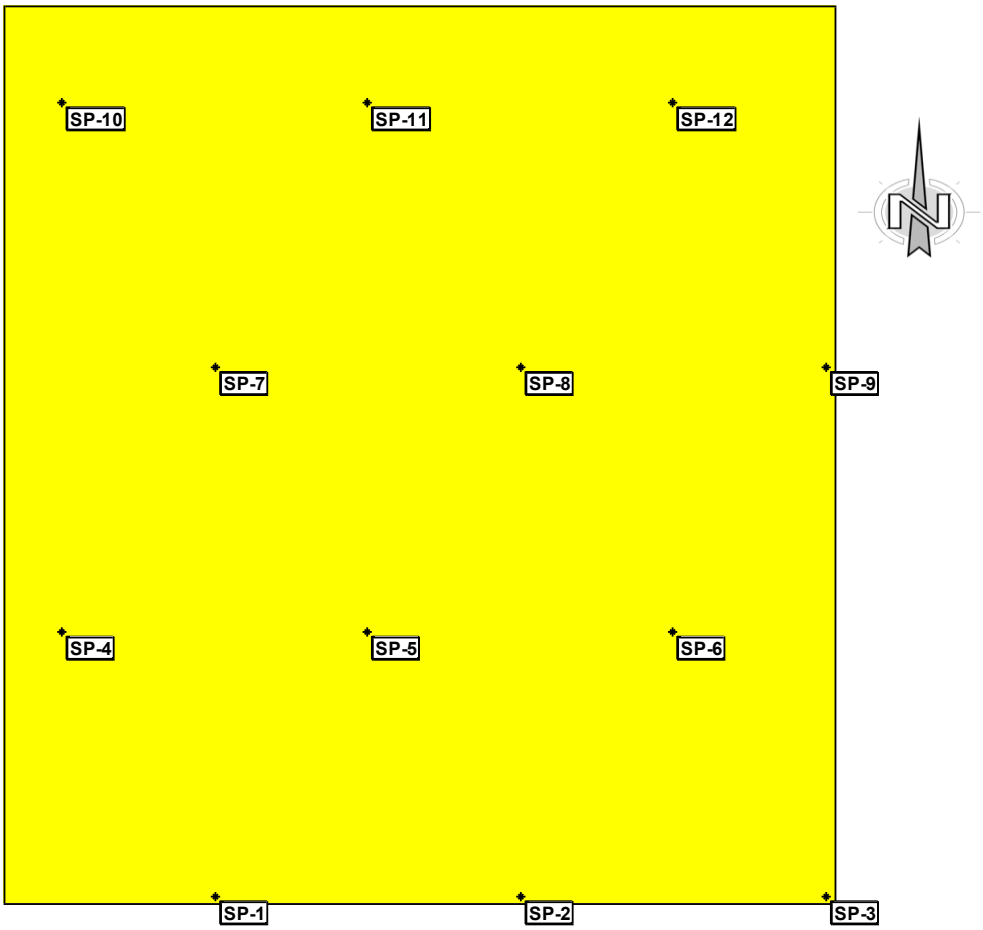
OL-5-34 Area: Soil Lift #34 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
18	10	SP-1	Systematic
52	10	SP-2	Systematic
86	10	SP-3	Systematic
1	40	SP-4	Systematic
35	40	SP-5	Systematic
69	40	SP-6	Systematic
18	69	SP-7	Systematic
52	69	SP-8	Systematic
86	69	SP-9	Systematic
1	99	SP-10	Systematic
35	99	SP-11	Systematic
69	99	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-35
Soil Lift #35



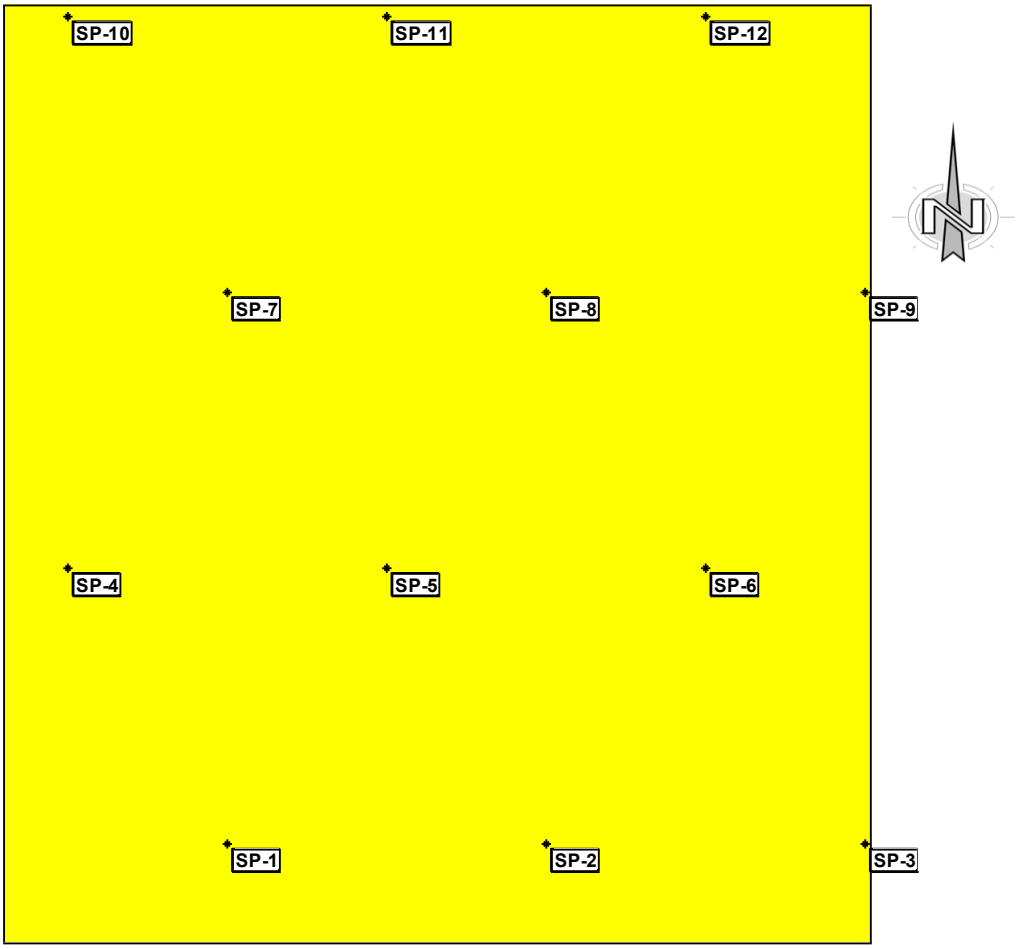
OL-5-35 Area: Soil Lift #35 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
21	11	SP-1	Systematic
55	11	SP-2	Systematic
89	11	SP-3	Systematic
4	41	SP-4	Systematic
38	41	SP-5	Systematic
72	41	SP-6	Systematic
21	70	SP-7	Systematic
55	70	SP-8	Systematic
89	70	SP-9	Systematic
4	100	SP-10	Systematic
38	100	SP-11	Systematic
72	100	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-36
Soil Lift #36



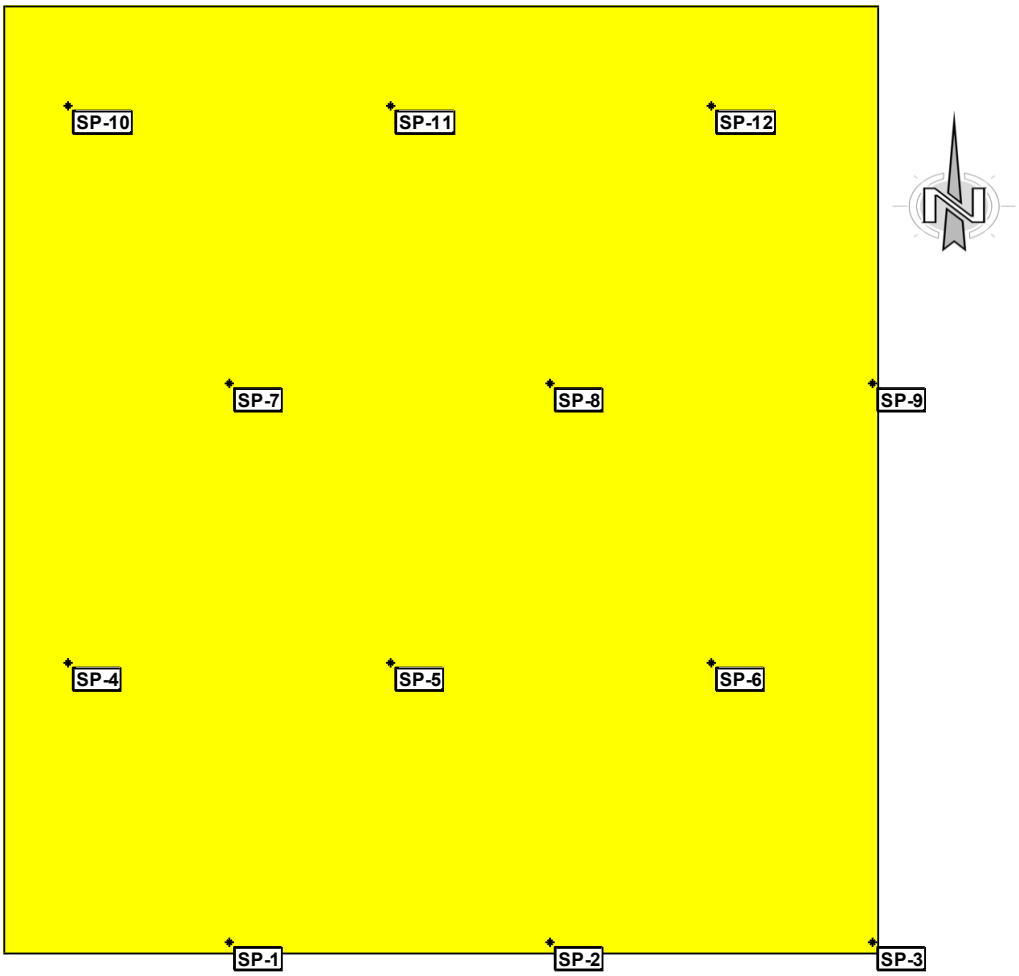
OL-5-36 Area: Soil Lift #36 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
23	1	SP-1	Systematic
57	1	SP-2	Systematic
91	1	SP-3	Systematic
6	30	SP-4	Systematic
40	30	SP-5	Systematic
74	30	SP-6	Systematic
23	60	SP-7	Systematic
57	60	SP-8	Systematic
91	60	SP-9	Systematic
6	89	SP-10	Systematic
40	89	SP-11	Systematic
74	89	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-37
Soil Lift #37



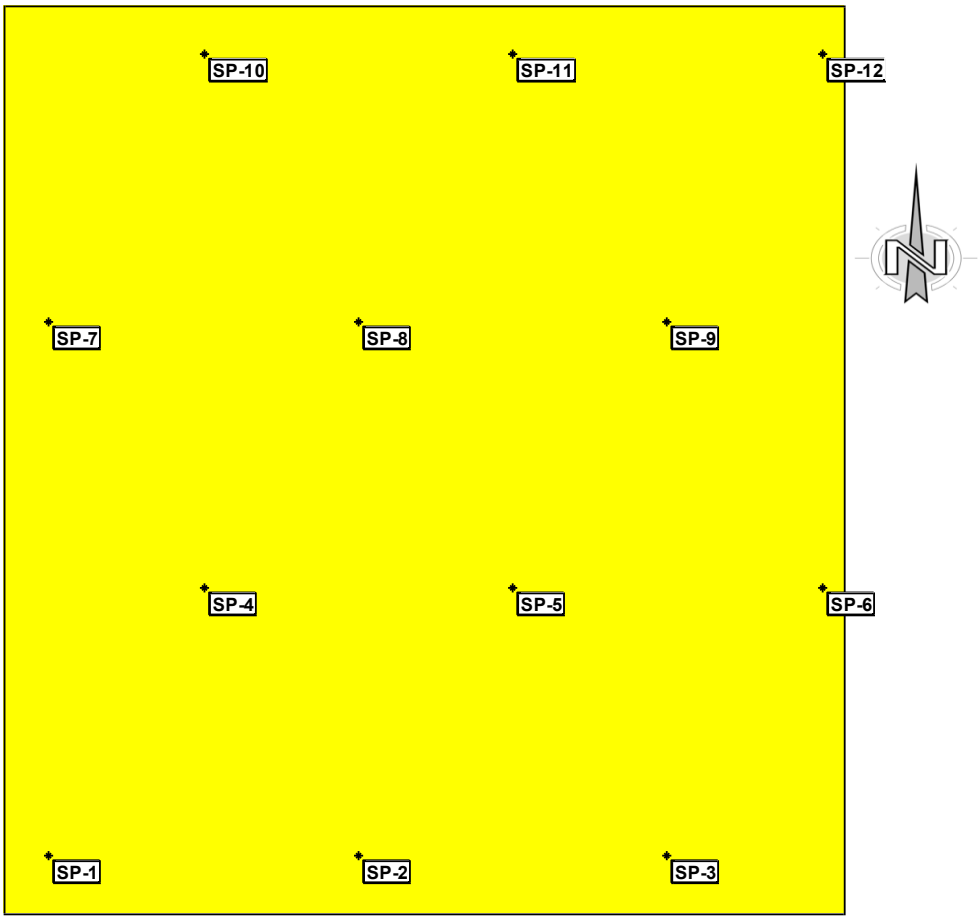
OL-5-37 Area: Soil Lift #37 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
24	10	SP-1	Systematic
58	10	SP-2	Systematic
92	10	SP-3	Systematic
7	40	SP-4	Systematic
41	40	SP-5	Systematic
75	40	SP-6	Systematic
24	69	SP-7	Systematic
58	69	SP-8	Systematic
92	69	SP-9	Systematic
7	99	SP-10	Systematic
41	99	SP-11	Systematic
75	99	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-38
Soil Lift #38



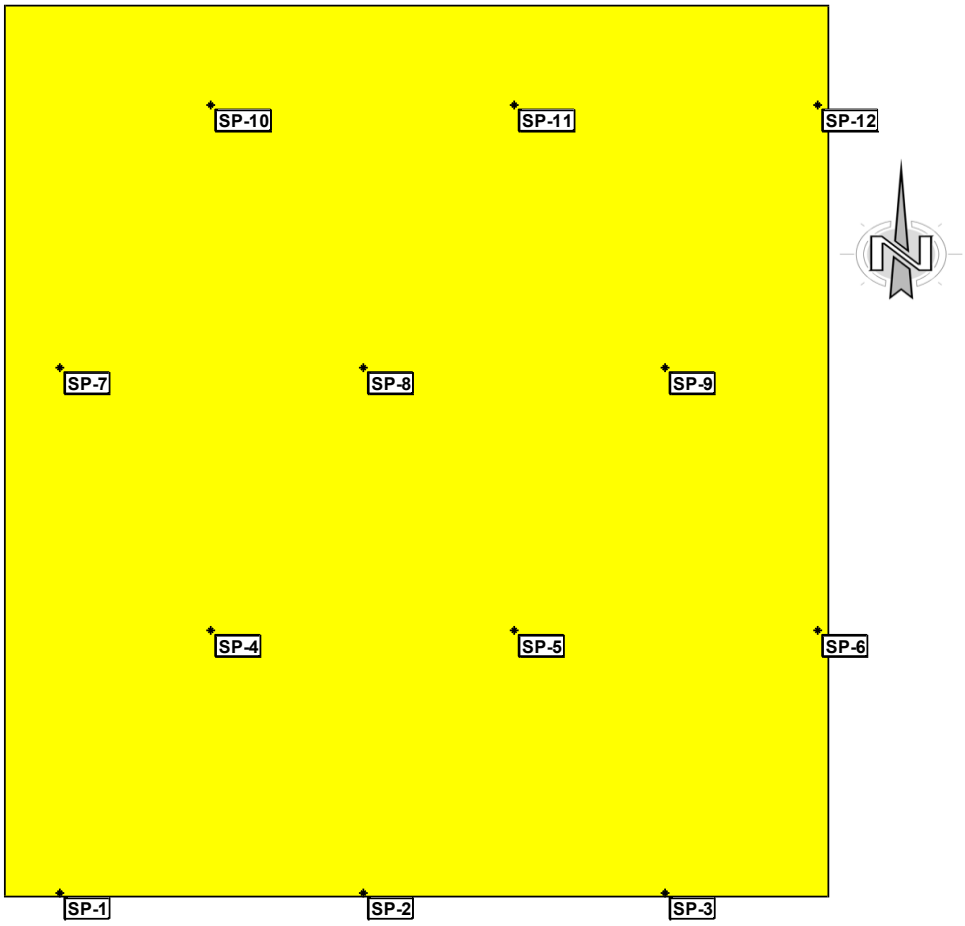
OL-5-38 Area: Soil Lift #38 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
24	1	SP-1	Systematic
58	1	SP-2	Systematic
92	1	SP-3	Systematic
7	31	SP-4	Systematic
41	31	SP-5	Systematic
75	31	SP-6	Systematic
24	60	SP-7	Systematic
58	60	SP-8	Systematic
92	60	SP-9	Systematic
7	90	SP-10	Systematic
41	90	SP-11	Systematic
75	90	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-39
Soil Lift #39



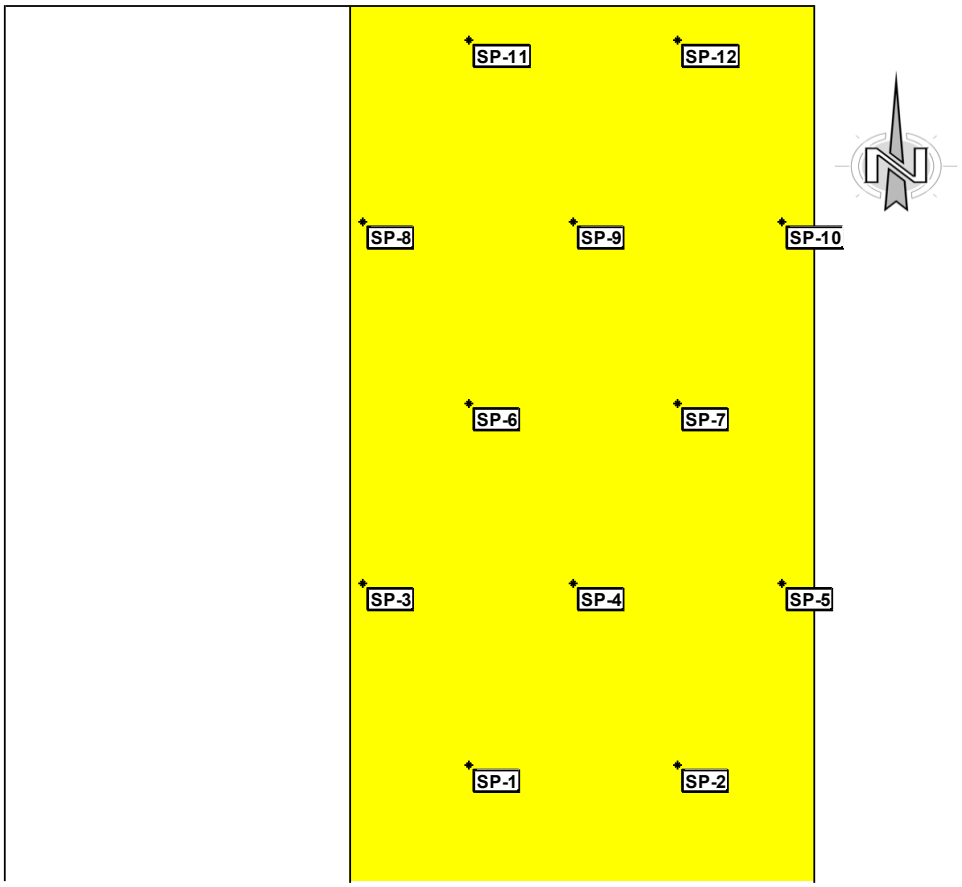
OL-5-39 Area: Soil Lift #39 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
5	6	SP-1	Systematic
39	6	SP-2	Systematic
73	6	SP-3	Systematic
22	36	SP-4	Systematic
56	36	SP-5	Systematic
90	36	SP-6	Systematic
5	65	SP-7	Systematic
39	65	SP-8	Systematic
73	65	SP-9	Systematic
22	95	SP-10	Systematic
56	95	SP-11	Systematic
90	95	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-40
Soil Lift #40



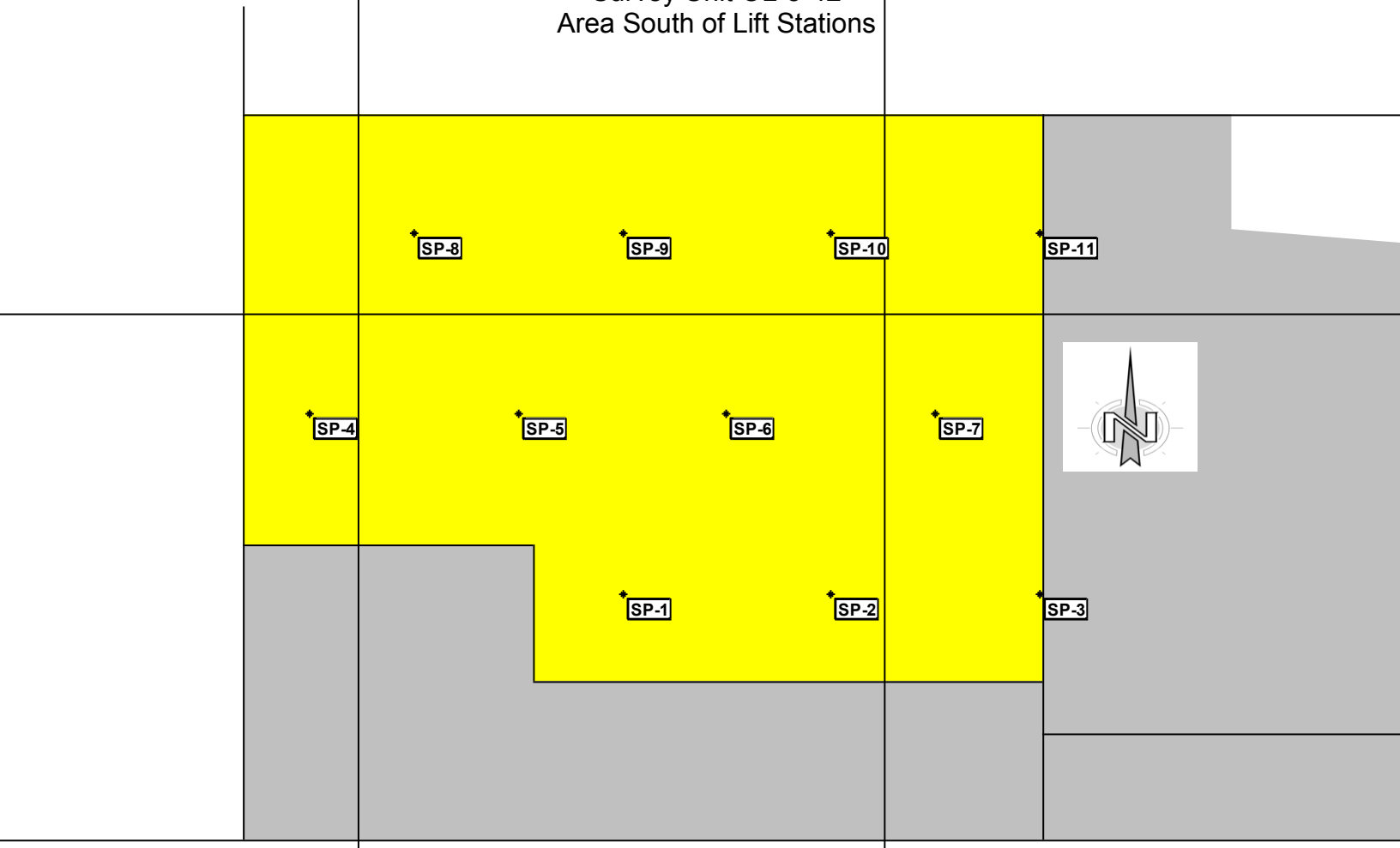
OL-5-40 Area: Soil Lift #40 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
6	0	SP-1	Systematic
40	0	SP-2	Systematic
74	0	SP-3	Systematic
23	30	SP-4	Systematic
57	30	SP-5	Systematic
91	30	SP-6	Systematic
6	59	SP-7	Systematic
40	59	SP-8	Systematic
74	59	SP-9	Systematic
23	89	SP-10	Systematic
57	89	SP-11	Systematic
91	89	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-41
Soil Lift #41



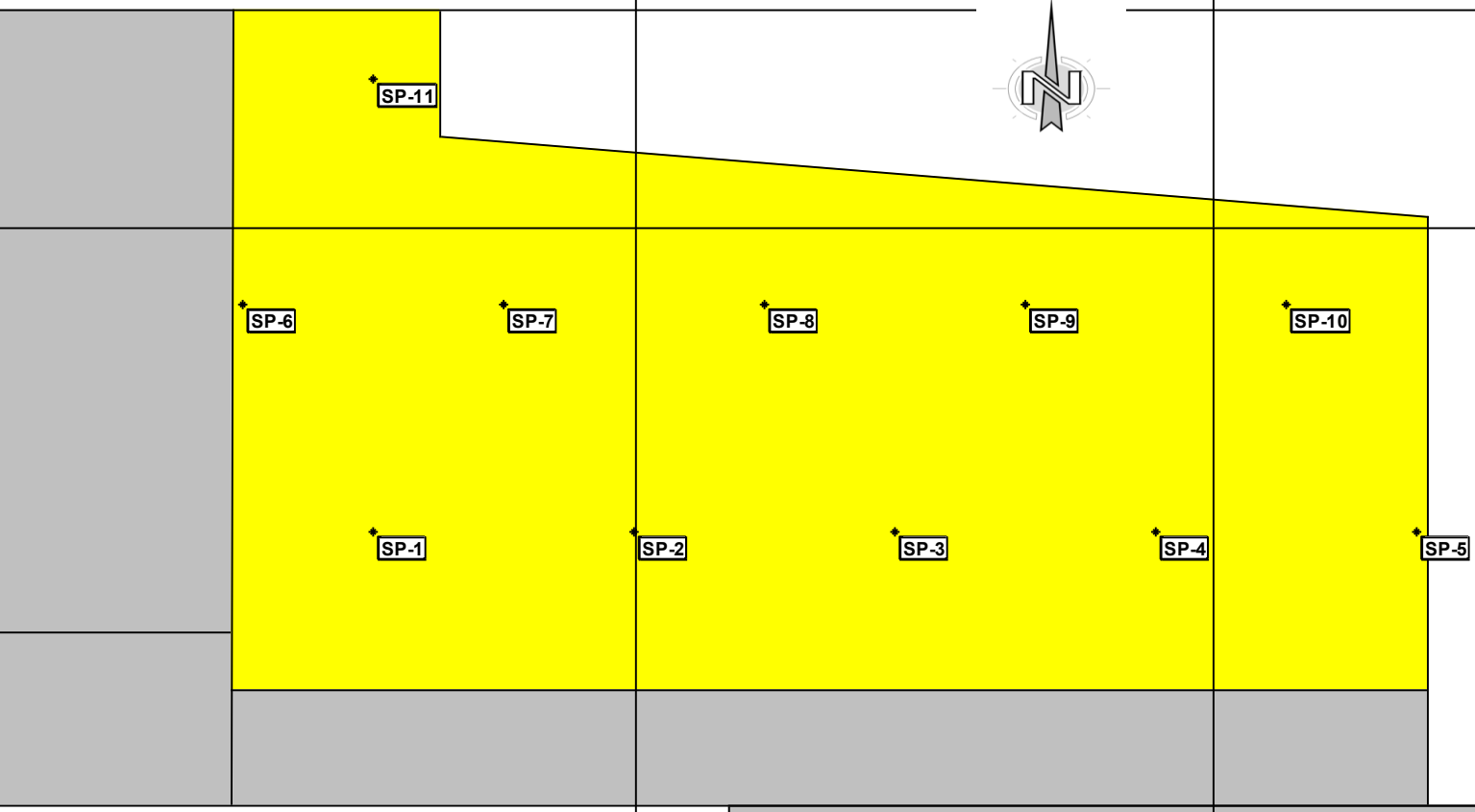
OL-5-41 Area: Soil Lift #41 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
14	13	SP-1	Systematic
37	13	SP-2	Systematic
2	34	SP-3	Systematic
26	34	SP-4	Systematic
49	34	SP-5	Systematic
14	55	SP-6	Systematic
37	55	SP-7	Systematic
2	75	SP-8	Systematic
26	75	SP-9	Systematic
49	75	SP-10	Systematic
14	96	SP-11	Systematic
37	96	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-42
Area South of Lift Stations

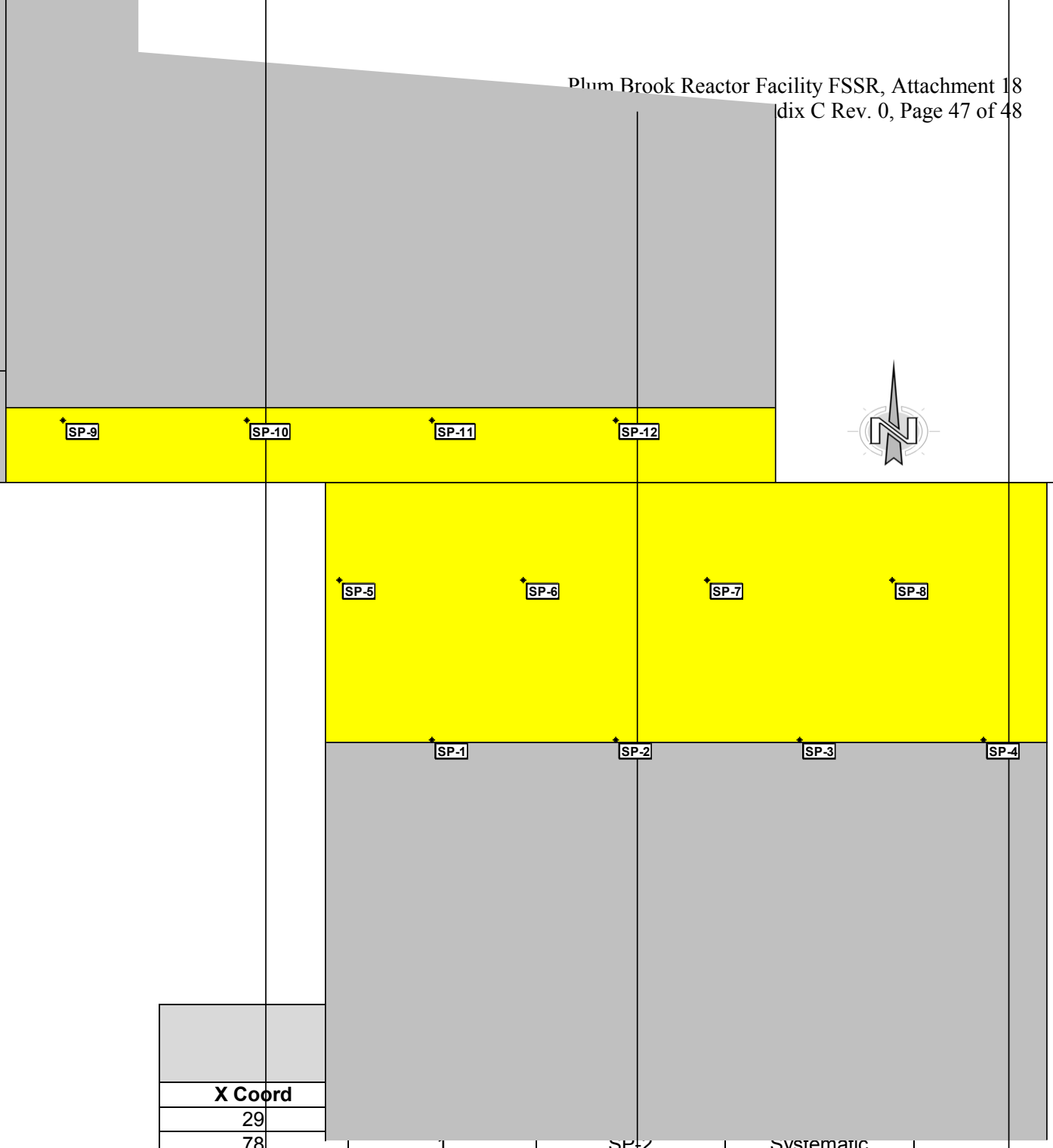


OL-5-42 Area: Area South of Lift Stations Measurement Locations			
X Coord	Y Coord	Label	Type
72	-91	SP-1	Systematic
111	-91	SP-2	Systematic
151	-91	SP-3	Systematic
12	-57	SP-4	Systematic
52	-57	SP-5	Systematic
92	-57	SP-6	Systematic
131	-57	SP-7	Systematic
32	-23	SP-8	Systematic
72	-23	SP-9	Systematic
111	-23	SP-10	Systematic
151	-23	SP-11	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Survey Unit OL-5-43
Area South of Lift Stations



Area: Area Measu	
X Coord	Y Coord
24	28
69	28
115	28
160	28
205	28
2	67
47	67
92	67
137	67
182	67
24	106
All sample points are measured fro	



X Coord			
29			
78	1	SP-2	Systematic
128	1	SP-3	Systematic
177	1	SP-4	Systematic
4	44	SP-5	Systematic
53	44	SP-6	Systematic
103	44	SP-7	Systematic
152	44	SP-8	Systematic
-71	87	SP-9	Systematic
-21	87	SP-10	Systematic
29	87	SP-11	Systematic
78	87	SP-12	Systematic
All sample points are measured from the southwest corner of the survey unit.			

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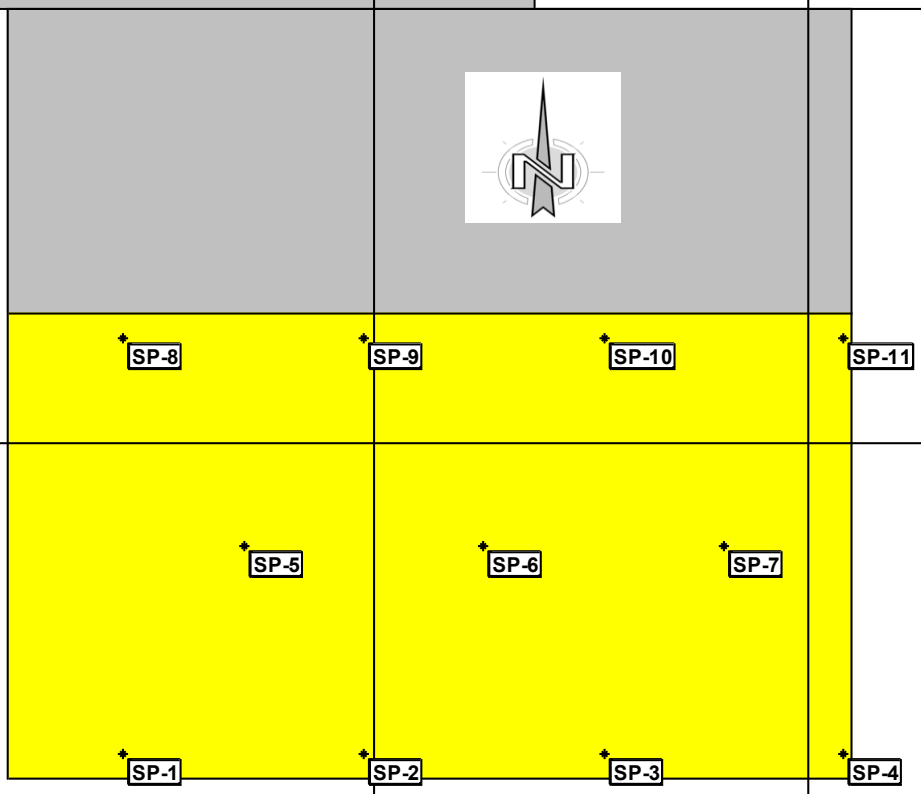
tions



OL-5-45 Area: Soil Lift #45 Measurement Locations			
X Coord	**Y Coord**	**Label**	**Type**
27	6	SP-1	Systematic
82	6	SP-2	Systematic
137	6	SP-3	Systematic
192	6	SP-4	Systematic
54	53	SP-5	Systematic
109	53	SP-6	Systematic
164	53	SP-7	Systematic
27	101	SP-8	Systematic
82	101	SP-9	Systematic
137	101	SP-10	Systematic
192	101	SP-11	Systematic
All sample points are measured from the southwest corner of the survey unit.			

Plum Brook Reactor Facility

Final Status Survey Report

Attachment 18

Excavated and Backfill Materials

Revision 0

Appendix D

Soil Lift Survey Sample Results

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-1 SP-1	< MDA	< MDA	< MDA	< MDA	9.49E-02	1.11E-01
OL-5-1 SP-2	< MDA	< MDA	< MDA	< MDA	7.47E-02	1.20E-01
OL-5-1 SP-3	< MDA	< MDA	< MDA	< MDA	1.23E-01	1.25E-01
OL-5-1 SP-4	< MDA	< MDA	< MDA	< MDA	6.89E-02	1.10E-01
OL-5-1 SP-5	1.67E-01	7.69E-02	< MDA	< MDA		1.04E-01
OL-5-1 SP-6	< MDA	< MDA	< MDA	< MDA	1.46E-01	1.29E-01
OL-5-1 SP-7	< MDA	< MDA	< MDA	< MDA	7.17E-02	1.15E-01
OL-5-1 SP-8	< MDA	< MDA	< MDA	< MDA	7.42E-02	1.17E-01
OL-5-1 SP-9	< MDA	< MDA	< MDA	< MDA	1.92E-01	1.17E-01
OL-5-1 SP-10	< MDA	< MDA	< MDA	< MDA	6.65E-02	1.05E-01
OL-5-1 SP-11	< MDA	< MDA	< MDA	< MDA	6.04E-02	9.68E-02
OL-5-1 SP-12	< MDA	< MDA	< MDA	< MDA	7.71E-02	1.22E-01
OL-5-2 SP-1	< MDA	< MDA	< MDA	< MDA	7.73E-02	1.24E-01
OL-5-2 SP-2	2.52E-01	1.10E-01	< MDA	< MDA		1.39E-01
OL-5-2 SP-3	3.77E-01	1.34E-01	< MDA	< MDA		1.39E-01
OL-5-2 SP-4	< MDA	< MDA	< MDA	< MDA	8.19E-02	1.29E-01
OL-5-2 SP-5	3.94E-01	1.34E-01	< MDA	< MDA		1.33E-01
OL-5-2 SP-6	3.69E-01	1.31E-01	< MDA	< MDA		1.36E-01
OL-5-2 SP-7	4.08E-01	1.32E-01	< MDA	< MDA		1.02E-01
OL-5-2 SP-8	2.59E-01	1.14E-01	< MDA	< MDA		1.15E-01
OL-5-2 SP-9	2.54E-01	1.08E-01	< MDA	< MDA		1.36E-01
OL-5-2 SP-10	1.84E-01	9.10E-02	< MDA	< MDA		9.28E-02
OL-5-2 SP-11	2.44E-01	1.07E-01	< MDA	< MDA		1.37E-01
OL-5-2 SP-12	< MDA	< MDA	< MDA	< MDA	1.11E-01	1.36E-01
OL-5-3 SP-1	< MDA	< MDA	< MDA	< MDA	8.27E-02	1.32E-01
OL-5-3 SP-2	< MDA	< MDA	< MDA	< MDA	1.59E-01	1.18E-01
OL-5-3 SP-3	3.14E-01	1.15E-01	< MDA	< MDA		1.24E-01
OL-5-3 SP-4	2.02E-01	9.52E-02	< MDA	< MDA		1.32E-01
OL-5-3 SP-5	< MDA	< MDA	< MDA	< MDA	1.26E-01	1.32E-01
OL-5-3 SP-6	2.05E-01	9.20E-02	< MDA	< MDA		1.21E-01
OL-5-3 SP-7	< MDA	< MDA	< MDA	< MDA	9.30E-02	1.25E-01
OL-5-3 SP-8	3.44E-01	1.22E-01	< MDA	< MDA		1.27E-01
OL-5-3 SP-9	< MDA	< MDA	< MDA	< MDA	8.93E-02	1.42E-01
OL-5-3 SP-10	< MDA	< MDA	< MDA	< MDA	8.85E-02	1.42E-01
OL-5-3 SP-11	< MDA	< MDA	< MDA	< MDA	8.71E-02	1.39E-01
OL-5-3 SP-12	< MDA	< MDA	< MDA	< MDA	1.86E-01	1.18E-01
OL-5-4 SP-1	3.73E-01	1.26E-01	< MDA	< MDA		1.26E-01
OL-5-4 SP-2	4.19E-01	1.40E-01	< MDA	< MDA		1.35E-01
OL-5-4 SP-3	4.31E-01	1.35E-01	< MDA	< MDA		1.23E-01
OL-5-4 SP-4	2.99E-01	1.15E-01	< MDA	< MDA		1.31E-01
OL-5-4 SP-5	2.97E-01	1.17E-01	< MDA	< MDA		1.32E-01
OL-5-4 SP-6	3.15E-01	1.22E-01	< MDA	< MDA		1.37E-01
OL-5-4 SP-7	< MDA	< MDA	< MDA	< MDA	7.51E-02	1.20E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-4 SP-8	4.35E-01	1.36E-01	< MDA	< MDA		1.23E-01
OL-5-4 SP-9	3.38E-01	1.18E-01	< MDA	< MDA		1.21E-01
OL-5-4 SP-10	3.96E-01	1.31E-01	< MDA	< MDA		1.24E-01
OL-5-4 SP-11	2.90E-01	1.14E-01	< MDA	< MDA		1.31E-01
OL-5-4 SP-12	3.12E-01	1.37E-01	< MDA	< MDA		1.23E-01
OL-5-5 SP-1	5.45E-01	1.52E-01	< MDA	< MDA		1.24E-01
OL-5-5 SP-2	3.79E-01	1.42E-01	< MDA	< MDA		1.20E-01
OL-5-5 SP-3	4.02E-01	1.28E-01	< MDA	< MDA		1.19E-01
OL-5-5 SP-4	4.85E-01	1.50E-01	< MDA	< MDA		1.49E-01
OL-5-5 SP-5	2.87E-01	1.16E-01	< MDA	< MDA		1.10E-01
OL-5-5 SP-6	3.58E-01	1.20E-01	< MDA	< MDA		1.18E-01
OL-5-5 SP-7	3.89E-01	1.28E-01	< MDA	< MDA		1.23E-01
OL-5-5 SP-8	4.10E-01	1.32E-01	< MDA	< MDA		1.24E-01
OL-5-5 SP-9	2.79E-01	1.23E-01	< MDA	< MDA		1.23E-01
OL-5-5 SP-10	3.70E-01	1.22E-01	< MDA	< MDA		1.18E-01
OL-5-5 SP-11	4.27E-01	1.37E-01	< MDA	< MDA		1.29E-01
OL-5-5 SP-12	2.67E-01	7.51E-02	< MDA	< MDA		5.02E-02
OL-5-6, SP-1	5.22E-01	1.40E-01	<MDA	<MDA		1.10E-01
OL-5-6, SP-2	4.84E-01	1.47E-01	<MDA	<MDA		1.29E-01
OL-5-6, SP-3	4.66E-01	1.39E-01	<MDA	<MDA		1.22E-01
OL-5-6, SP-4	4.37E-01	1.66E-01	<MDA	<MDA		1.13E-01
OL-5-6, SP-5	4.36E-01	1.37E-01	<MDA	<MDA		1.26E-01
OL-5-6, SP-6	5.92E-01	1.59E-01	<MDA	<MDA		1.25E-01
OL-5-6, SP-7	3.40E-01	1.19E-01	<MDA	<MDA		1.21E-01
OL-5-6, SP-8	4.21E-01	1.37E-01	<MDA	<MDA		1.31E-01
OL-5-6, SP-9	3.15E-01	1.17E-01	<MDA	<MDA		1.40E-01
OL-5-6, SP-10	4.06E-01	1.29E-01	<MDA	<MDA		1.20E-01
OL-5-6, SP-11	3.90E-01	1.31E-01	<MDA	<MDA		1.28E-01
OL-5-6, SP-12	3.65E-01	1.30E-01	<MDA	<MDA		1.10E-01
OL-5-6, IM-1	2.93E+00	3.27E-01	<MDA	<MDA		1.01E-01
OL-5-7, SP-1	4.89E-01	1.46E-01	<MDA	<MDA		1.28E-01
OL-5-7, SP-2	3.28E-01	1.27E-01	<MDA	<MDA		1.41E-01
OL-5-7, SP-3	<MDA	<MDA	<MDA	<MDA	1.32E-01	1.29E-01
OL-5-7, SP-4	4.85E-01	1.36E-01	<MDA	<MDA		1.12E-01
OL-5-7, SP-5	<MDA	<MDA	<MDA	<MDA	8.22E-02	1.29E-01
OL-5-7, SP-6	<MDA	<MDA	<MDA	<MDA	6.42E-02	1.02E-01
OL-5-7, SP-7	2.19E-01	1.00E-01	<MDA	<MDA		1.36E-01
OL-5-7, SP-8	<MDA	<MDA	<MDA	<MDA	1.47E-01	1.41E-01
OL-5-7, SP-9	<MDA	<MDA	<MDA	<MDA	8.51E-02	1.36E-01
OL-5-7, SP-10	<MDA	<MDA	<MDA	<MDA	8.46E-02	1.33E-01
OL-5-7, SP-11	<MDA	<MDA	<MDA	<MDA	1.04E-01	1.40E-01
OL-5-7, SP-12	<MDA	<MDA	<MDA	<MDA	1.10E-01	1.26E-01
OL-5-8, SP-1	3.72E-01	1.23E-01	<MDA	<MDA		1.19E-01
OL-5-8, SP-2	2.61E-01	1.09E-01	<MDA	<MDA		1.32E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-8, SP-3	3.00E-01	1.16E-01	<MDA	<MDA		1.31E-01
OL-5-8, SP-4	4.80E-01	1.39E-01	<MDA	<MDA		1.18E-01
OL-5-8, SP-5	3.96E-01	1.56E-01	<MDA	<MDA		1.35E-01
OL-5-8, SP-6	3.40E-01	1.27E-01	<MDA	<MDA		1.38E-01
OL-5-8, SP-7	5.56E-01	1.53E-01	<MDA	<MDA		1.24E-01
OL-5-8, SP-8	3.66E-01	1.32E-01	<MDA	<MDA		1.37E-01
OL-5-8, SP-9	5.21E-01	1.63E-01	<MDA	<MDA		1.26E-01
OL-5-8, SP-10	3.70E-01	1.24E-01	<MDA	<MDA		1.21E-01
OL-5-8, SP-11	4.16E-01	1.41E-01	<MDA	<MDA		1.38E-01
OL-5-8, SP-12	2.88E-01	1.37E-01	<MDA	<MDA		1.30E-01
OL-5-9, SP-1	<MDA	<MDA	<MDA	<MDA	7.05E-02	1.13E-01
OL-5-9, SP-2	<MDA	<MDA	<MDA	<MDA	7.43E-02	1.17E-01
OL-5-9, SP-3	<MDA	<MDA	<MDA	<MDA	9.18E-02	1.24E-01
OL-5-9, SP-4	<MDA	<MDA	<MDA	<MDA	6.43E-02	1.03E-01
OL-5-9, SP-5	<MDA	<MDA	<MDA	<MDA	1.00E-01	1.25E-01
OL-5-9, SP-6	<MDA	<MDA	<MDA	<MDA	6.52E-02	1.04E-01
OL-5-9, SP-7	<MDA	<MDA	<MDA	<MDA	6.49E-02	1.04E-01
OL-5-9, SP-8	<MDA	<MDA	<MDA	<MDA	7.07E-02	1.11E-01
OL-5-9, SP-9	<MDA	<MDA	<MDA	<MDA	6.96E-02	1.11E-01
OL-5-9, SP-10	2.43E-01	9.21E-02	<MDA	<MDA		1.03E-01
OL-5-9, SP-11	<MDA	<MDA	<MDA	<MDA	8.09E-02	1.16E-01
OL-5-9, SP-12	<MDA	<MDA	<MDA	<MDA	6.61E-02	1.05E-01
OL-5-10, SP-1	<MDA	<MDA	<MDA	<MDA	8.31E-02	1.33E-01
OL-5-10, SP-2	2.14E-01	7.60E-02	<MDA	<MDA		7.77E-02
OL-5-10, SP-3	<MDA	<MDA	<MDA	<MDA	1.27E-01	1.14E-01
OL-5-10, SP-4	<MDA	<MDA	<MDA	<MDA	7.64E-02	1.22E-01
OL-5-10, SP-5	<MDA	<MDA	<MDA	<MDA	9.46E-02	1.49E-01
OL-5-10, SP-6	<MDA	<MDA	<MDA	<MDA	8.08E-02	1.29E-01
OL-5-10, SP-7	<MDA	<MDA	<MDA	<MDA	8.80E-02	1.34E-01
OL-5-10, SP-8	<MDA	<MDA	<MDA	<MDA	9.58E-02	1.16E-01
OL-5-10, SP-9	<MDA	<MDA	<MDA	<MDA	1.16E-01	1.47E-01
OL-5-10, SP-10	2.10E-01	9.18E-02	<MDA	<MDA		1.18E-01
OL-5-10, SP-11	<MDA	<MDA	<MDA	<MDA	8.21E-02	1.29E-01
OL-5-10, SP-12	<MDA	<MDA	<MDA	<MDA	1.30E-01	1.32E-01
OL-5-11, SP-1	<MDA	<MDA	<MDA	<MDA	8.98E-02	1.03E-01
OL-5-11, SP-2	<MDA	<MDA	<MDA	<MDA	6.62E-02	1.04E-01
OL-5-11, SP-3	<MDA	<MDA	<MDA	<MDA	9.59E-02	1.09E-01
OL-5-11, SP-4	<MDA	<MDA	<MDA	<MDA	6.74E-02	1.08E-01
OL-5-11, SP-5	6.42E-01	1.88E-01	<MDA	<MDA		1.25E-01
OL-5-11, SP-6	<MDA	<MDA	<MDA	<MDA	7.02E-02	1.12E-01
OL-5-11, SP-7	<MDA	<MDA	<MDA	<MDA	7.96E-02	1.25E-01
OL-5-11, SP-8	<MDA	<MDA	<MDA	<MDA	7.47E-02	1.19E-01
OL-5-11, SP-9	<MDA	<MDA	<MDA	<MDA	6.84E-02	1.10E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-11, SP-10	<MDA	<MDA	<MDA	<MDA	6.78E-02	1.07E-01
OL-5-11, SP-11	1.60E-01	7.79E-02	<MDA	<MDA		1.11E-01
OL-5-12, SP-1	2.48E-01	9.92E-02	<MDA	<MDA		1.17E-01
OL-5-12, SP-2	2.76E-01	1.15E-01	<MDA	<MDA		1.39E-01
OL-5-12, SP-3	<MDA	<MDA	<MDA	<MDA	7.90E-02	1.27E-01
OL-5-12, SP-4	2.84E-01	1.06E-01	<MDA	<MDA		1.14E-01
OL-5-12, SP-5	2.29E-01	1.05E-01	<MDA	<MDA		1.42E-01
OL-5-12, SP-6	2.11E-01	9.23E-02	<MDA	<MDA		1.19E-01
OL-5-12, SP-7	3.22E-01	9.53E-02	<MDA	<MDA		8.13E-02
OL-5-12, SP-8	<MDA	<MDA	<MDA	<MDA	8.66E-02	1.38E-01
OL-5-12, SP-9	<MDA	<MDA	<MDA	<MDA	7.00E-02	1.12E-01
OL-5-12, SP-10	<MDA	<MDA	<MDA	<MDA	1.25E-01	1.35E-01
OL-5-12, SP-11	<MDA	<MDA	<MDA	<MDA	8.03E-02	1.28E-01
OL-5-12, SP-12	<MDA	<MDA	<MDA	<MDA	8.87E-02	1.40E-01
OL-5-13, SP-1	<MDA	<MDA	<MDA	<MDA	7.39E-02	1.18E-01
OL-5-13, SP-2	<MDA	<MDA	<MDA	<MDA	8.04E-02	1.28E-01
OL-5-13, SP-3	<MDA	<MDA	<MDA	<MDA	1.78E-01	1.01E-01
OL-5-13, SP-4	<MDA	<MDA	<MDA	<MDA	1.12E-01	1.23E-01
OL-5-13, SP-5	<MDA	<MDA	<MDA	<MDA	7.58E-02	1.21E-01
OL-5-13, SP-6	<MDA	<MDA	<MDA	<MDA	9.33E-02	1.18E-01
OL-5-13, SP-7	<MDA	<MDA	<MDA	<MDA	7.46E-02	1.19E-01
OL-5-13, SP-8	<MDA	<MDA	<MDA	<MDA	7.01E-02	1.12E-01
OL-5-13, SP-9	<MDA	<MDA	<MDA	<MDA	7.02E-02	1.12E-01
OL-5-13, SP-10	<MDA	<MDA	<MDA	<MDA	8.04E-02	1.28E-01
OL-5-13, SP-11	<MDA	<MDA	<MDA	<MDA	9.01E-02	1.20E-01
OL-5-13, SP-12	<MDA	<MDA	<MDA	<MDA	1.13E-01	1.16E-01
OL-5-14, SP-1	<MDA	<MDA	<MDA	<MDA	9.92E-02	1.11E-01
OL-5-14, SP-2	<MDA	<MDA	<MDA	<MDA	1.20E-01	1.05E-01
OL-5-14, SP-3	<MDA	<MDA	<MDA	<MDA	1.97E-01	1.16E-01
OL-5-14, SP-4	2.43E-01	9.17E-02	<MDA	<MDA		9.91E-02
OL-5-14, SP-5	3.04E-01	1.23E-01	<MDA	<MDA		1.16E-01
OL-5-14, SP-6	2.92E-01	1.25E-01	<MDA	<MDA		1.19E-01
OL-5-14, SP-7	<MDA	<MDA	<MDA	<MDA	1.16E-01	1.15E-01
OL-5-14, SP-8	<MDA	<MDA	<MDA	<MDA	7.53E-02	1.19E-01
OL-5-14, SP-9	<MDA	<MDA	<MDA	<MDA	1.11E-01	1.09E-01
OL-5-14, SP-10	2.62E-01	1.04E-01	<MDA	<MDA		1.17E-01
OL-5-14, SP-11	3.22E-01	1.12E-01	<MDA	<MDA		1.12E-01
OL-5-14, SP-12	2.76E-01	1.17E-01	<MDA	<MDA		1.18E-01
OL-5-15, SP-1	<MDA	<MDA	<MDA	<MDA	9.34E-02	1.15E-01
OL-5-15, SP-2	<MDA	<MDA	<MDA	<MDA	8.26E-02	1.17E-01
OL-5-15, SP-3	<MDA	<MDA	<MDA	<MDA	1.21E-01	1.39E-01
OL-5-15, SP-4	2.27E-01	1.06E-01	<MDA	<MDA		1.20E-01
OL-5-15, SP-5	<MDA	<MDA	<MDA	<MDA	7.03E-02	1.11E-01
OL-5-15, SP-6	<MDA	<MDA	<MDA	<MDA	1.06E-01	1.05E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-15, SP-7	<MDA	<MDA	<MDA	<MDA	8.74E-02	1.38E-01
OL-5-15, SP-8	<MDA	<MDA	<MDA	<MDA	1.60E-01	1.33E-01
OL-5-15, SP-9	2.80E-01	1.07E-01	<MDA	<MDA		1.18E-01
OL-5-15, SP-10	<MDA	<MDA	<MDA	<MDA	9.79E-02	1.38E-01
OL-5-15, SP-11	2.62E-01	1.08E-01	<MDA	<MDA		1.29E-01
OL-5-15, SP-12	<MDA	<MDA	<MDA	<MDA	1.54E-01	1.43E-01
OL-5-16, SP-1	<MDA	<MDA	<MDA	<MDA	7.70E-02	1.01E-01
OL-5-16, SP-2	<MDA	<MDA	<MDA	<MDA	8.43E-02	1.11E-01
OL-5-16, SP-3	<MDA	<MDA	<MDA	<MDA	8.66E-02	1.25E-01
OL-5-16, SP-4	<MDA	<MDA	<MDA	<MDA	7.86E-02	1.26E-01
OL-5-16, SP-5	<MDA	<MDA	<MDA	<MDA	7.96E-02	1.03E-01
OL-5-16, SP-6	<MDA	<MDA	<MDA	<MDA	8.83E-02	1.02E-01
OL-5-16, SP-7	<MDA	<MDA	<MDA	<MDA	7.44E-02	1.04E-01
OL-5-16, SP-8	<MDA	<MDA	<MDA	<MDA	1.15E-01	1.11E-01
OL-5-16, SP-9	<MDA	<MDA	<MDA	<MDA	7.22E-02	1.14E-01
OL-5-16, SP-10	<MDA	<MDA	<MDA	<MDA	7.67E-02	1.05E-01
OL-5-16, SP-11	<MDA	<MDA	<MDA	<MDA	7.36E-02	1.16E-01
OL-5-16, SP-12	<MDA	<MDA	<MDA	<MDA	9.15E-02	1.02E-01
OL-5-17, SP-1	<MDA	<MDA	<MDA	<MDA	7.93E-02	1.25E-01
OL-5-17, SP-2	<MDA	<MDA	<MDA	<MDA	1.15E-01	1.46E-01
OL-5-17, SP-3	<MDA	<MDA	<MDA	<MDA	8.98E-02	1.18E-01
OL-5-17, SP-4	<MDA	<MDA	<MDA	<MDA	8.32E-02	1.31E-01
OL-5-17, SP-5	<MDA	<MDA	<MDA	<MDA	1.13E-01	1.27E-01
OL-5-17, SP-6	<MDA	<MDA	<MDA	<MDA	7.19E-02	1.15E-01
OL-5-17, SP-7	1.89E-01	9.00E-02	<MDA	<MDA		1.22E-01
OL-5-17, SP-8	<MDA	<MDA	<MDA	<MDA	1.22E-01	1.20E-01
OL-5-17, SP-9	<MDA	<MDA	<MDA	<MDA	1.05E-01	1.28E-01
OL-5-17, SP-10	<MDA	<MDA	<MDA	<MDA	9.82E-02	1.17E-01
OL-5-17, SP-11	<MDA	<MDA	<MDA	<MDA	7.58E-02	1.19E-01
OL-5-17, SP-12	<MDA	<MDA	<MDA	<MDA	8.87E-02	1.17E-01
OL-5-18, SP-1	<MDA	<MDA	<MDA	<MDA	1.09E-01	1.28E-01
OL-5-18, SP-2	7.56E-01	1.70E-01	<MDA	<MDA		1.04E-01
OL-5-18, SP-3	2.52E-01	1.18E-01	<MDA	<MDA		1.09E-01
OL-5-18, SP-4	2.93E-01	1.38E-01	<MDA	<MDA		1.20E-01
OL-5-18, SP-5	<MDA	<MDA	<MDA	<MDA	1.28E-01	1.02E-01
OL-5-18, SP-6	6.38E-01	2.05E-01	<MDA	<MDA		1.19E-01
OL-5-18, SP-7	7.40E-01	1.79E-01	<MDA	<MDA		1.11E-01
OL-5-18, SP-8	4.00E-01	1.49E-01	<MDA	<MDA		1.19E-01
OL-5-18, SP-9	4.63E-01	1.41E-01	<MDA	<MDA		1.05E-01
OL-5-18, SP-10	<MDA	<MDA	<MDA	<MDA	1.36E-01	1.31E-01
OL-5-18, SP-11	3.16E-01	1.16E-01	<MDA	<MDA		1.04E-01
OL-5-18, SP-12	5.80E-01	1.53E-01	<MDA	<MDA		1.10E-01
OL-5-18, SP-2	6.66E-01	1.81E-01	<MDA	<MDA		1.04E-01
OL-5-19, SP-1	<MDA	<MDA	<MDA	<MDA	1.09E-01	1.22E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-19, SP-2	<MDA	<MDA	<MDA	<MDA	6.75E-02	1.21E-01
OL-5-19, SP-3	<MDA	<MDA	<MDA	<MDA	1.04E-01	1.27E-01
OL-5-19, SP-4	<MDA	<MDA	<MDA	<MDA	6.92E-02	1.18E-01
OL-5-19, SP-5	<MDA	<MDA	<MDA	<MDA	1.26E-01	1.15E-01
OL-5-19, SP-6	<MDA	<MDA	<MDA	<MDA	1.23E-01	1.12E-01
OL-5-19, SP-7	<MDA	<MDA	<MDA	<MDA	8.70E-02	1.18E-01
OL-5-19, SP-8	<MDA	<MDA	<MDA	<MDA	5.44E-02	5.63E-02
OL-5-19, SP-9	<MDA	<MDA	<MDA	<MDA	6.18E-02	1.10E-01
OL-5-19, SP-10	<MDA	<MDA	<MDA	<MDA	6.50E-02	1.16E-01
OL-5-19, SP-11	<MDA	<MDA	<MDA	<MDA	6.43E-02	1.15E-01
OL-5-19, SP-12	<MDA	<MDA	<MDA	<MDA	6.82E-02	1.15E-01
OL-5-20, SP-1	5.57E-01	1.51E-01	<MDA	<MDA		1.14E-01
OL-5-20, SP-2	7.47E-01	1.89E-01	<MDA	<MDA		1.15E-01
OL-5-20, SP-3	5.91E-01	1.60E-01	<MDA	<MDA		1.20E-01
OL-5-20, SP-4	4.79E-01	1.48E-01	<MDA	<MDA		1.26E-01
OL-5-20, SP-5	7.68E-01	1.84E-01	<MDA	<MDA		1.21E-01
OL-5-20, SP-6	4.09E-01	1.15E-01	<MDA	<MDA		6.49E-02
OL-5-20, SP-7	6.85E-01	1.84E-01	<MDA	<MDA		1.20E-01
OL-5-20, SP-8	5.01E-01	1.48E-01	<MDA	<MDA		1.23E-01
OL-5-20, SP-9	<MDA	<MDA	<MDA	<MDA	1.37E-01	1.27E-01
OL-5-20, SP-10	6.87E-01	1.76E-01	<MDA	<MDA		1.25E-01
OL-5-20, SP-11	4.49E-01	1.47E-01	<MDA	<MDA		1.34E-01
OL-5-20, SP-12	3.33E-01	1.23E-01	<MDA	<MDA		1.31E-01
OL-5-21, SP-1	5.58E-01	1.57E-01	<MDA	<MDA		1.24E-01
OL-5-21, SP-2	3.23E-01	1.20E-01	<MDA	<MDA		1.25E-01
OL-5-21, SP-3	6.22E-01	1.91E-01	<MDA	<MDA		1.30E-01
OL-5-21, SP-4	3.01E-01	1.39E-01	<MDA	<MDA		1.37E-01
OL-5-21, SP-5	5.18E-01	1.72E-01	<MDA	<MDA		1.32E-01
OL-5-21, SP-6	5.21E-01	1.70E-01	<MDA	<MDA		1.32E-01
OL-5-21, SP-7	4.47E-01	1.21E-01	<MDA	<MDA		6.95E-02
OL-5-21, SP-8	<MDA	<MDA	<MDA	<MDA	1.22E-01	1.22E-01
OL-5-21, SP-9	2.02E-01	7.64E-02	<MDA	<MDA		5.81E-02
OL-5-21, SP-10	2.93E-01	1.14E-01	<MDA	<MDA		1.26E-01
OL-5-21, SP-11	3.95E-01	1.58E-01	<MDA	<MDA		1.38E-01
OL-5-21, SP-12	2.26E-01	9.20E-02	<MDA	<MDA		5.84E-02
OL-5-22, SP-1	<MDA	<MDA	<MDA	<MDA	1.03E-01	1.01E-01
OL-5-22, SP-2	<MDA	<MDA	<MDA	<MDA	6.70E-02	1.01E-01
OL-5-22, SP-3	<MDA	<MDA	<MDA	<MDA	8.94E-02	1.25E-01
OL-5-22, SP-4	<MDA	<MDA	<MDA	<MDA	6.05E-02	9.64E-02
OL-5-22, SP-5	<MDA	<MDA	<MDA	<MDA	1.49E-01	1.17E-01
OL-5-22, SP-6	1.62E-01	7.51E-02	<MDA	<MDA		1.00E-01
OL-5-22, SP-7	<MDA	<MDA	<MDA	<MDA	5.90E-02	9.40E-02
OL-5-22, SP-8	<MDA	<MDA	<MDA	<MDA	9.82E-02	9.39E-02
OL-5-22, SP-9	<MDA	<MDA	<MDA	<MDA	6.63E-02	9.69E-02

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-22, SP-10	<MDA	<MDA	<MDA	<MDA	7.13E-02	9.72E-02
OL-5-22, SP-11	<MDA	<MDA	<MDA	<MDA	6.13E-02	9.75E-02
OL-5-22, SP-12	<MDA	<MDA	<MDA	<MDA	8.91E-02	1.05E-01
OL-5-23, SP-1	<MDA	<MDA	<MDA	<MDA	1.09E-01	1.05E-01
OL-5-23, SP-2	1.84E-01	6.93E-02	<MDA	<MDA		5.68E-02
OL-5-23, SP-3	<MDA	<MDA	<MDA	<MDA	6.54E-02	1.04E-01
OL-5-23, SP-4	2.89E-01	1.01E-01	<MDA	<MDA		9.99E-02
OL-5-23, SP-5	2.22E-01	8.84E-02	<MDA	<MDA		1.00E-01
OL-5-23, SP-6	<MDA	<MDA	<MDA	<MDA	8.17E-02	1.03E-01
OL-5-23, SP-7	<MDA	<MDA	<MDA	<MDA	8.16E-02	9.96E-02
OL-5-23, SP-8	<MDA	<MDA	<MDA	<MDA	9.41E-02	1.41E-01
OL-5-23, SP-9	<MDA	<MDA	<MDA	<MDA	7.42E-02	9.72E-02
OL-5-23, SP-10	<MDA	<MDA	<MDA	<MDA	7.73E-02	1.03E-01
OL-5-23, SP-11	1.58E-01	7.52E-02	<MDA	<MDA		1.03E-01
OL-5-23, SP-12	<MDA	<MDA	<MDA	<MDA	1.17E-01	1.03E-01
OL-5-24, SP-1	< MDA	< MDA	< MDA	< MDA	9.94E-02	1.23E-01
OL-5-24, SP-2	< MDA	< MDA	< MDA	< MDA	8.20E-02	1.05E-01
OL-5-24, SP-3	1.16E-01	4.71E-02	< MDA	< MDA		3.61E-02
OL-5-24, SP-4	< MDA	< MDA	< MDA	< MDA	6.41E-02	1.02E-01
OL-5-24, SP-5	< MDA	< MDA	< MDA	< MDA	1.40E-01	1.30E-01
OL-5-24, SP-6	1.80E-01	9.00E-02	< MDA	< MDA		1.08E-01
OL-5-24, SP-7	< MDA	< MDA	< MDA	< MDA	1.20E-01	1.12E-01
OL-5-24, SP-8	< MDA	< MDA	< MDA	< MDA	6.98E-02	1.02E-01
OL-5-24, SP-9	< MDA	< MDA	< MDA	< MDA	6.43E-02	1.02E-01
OL-5-24, SP-10	< MDA	< MDA	< MDA	< MDA	1.15E-01	1.23E-01
OL-5-24, SP-11	< MDA	< MDA	< MDA	< MDA	9.83E-02	1.10E-01
OL-5-24, SP-12	1.99E-01	7.51E-02	< MDA	< MDA		5.22E-02
OL-5-25, SP-1	< MDA	< MDA	< MDA	< MDA	9.97E-02	1.09E-01
OL-5-25, SP-2	< MDA	< MDA	< MDA	< MDA	6.65E-02	1.06E-01
OL-5-25, SP-3	< MDA	< MDA	< MDA	< MDA	1.22E-01	1.10E-01
OL-5-25, SP-4	1.62E-01	7.68E-02	< MDA	< MDA		1.05E-01
OL-5-25, SP-5	< MDA	< MDA	< MDA	< MDA	8.91E-02	1.10E-01
OL-5-25, SP-6	< MDA	< MDA	< MDA	< MDA	1.08E-01	1.08E-01
OL-5-25, SP-7	< MDA	< MDA	< MDA	< MDA	8.23E-02	1.15E-01
OL-5-25, SP-8	< MDA	< MDA	< MDA	< MDA	8.68E-02	1.16E-01
OL-5-25, SP-9	< MDA	< MDA	< MDA	< MDA	1.00E-01	1.12E-01
OL-5-25, SP-10	< MDA	< MDA	< MDA	< MDA	1.18E-01	1.11E-01
OL-5-25, SP-11	< MDA	< MDA	< MDA	< MDA	1.15E-01	1.01E-01
OL-5-25, SP-12	< MDA	< MDA	< MDA	< MDA	7.77E-02	1.14E-01
OL-5-26, SP-1	< MDA	< MDA	< MDA	< MDA	7.25E-02	1.15E-01
OL-5-26, SP-2	< MDA	< MDA	< MDA	< MDA	6.20E-02	9.87E-02
OL-5-26, SP-3	< MDA	< MDA	< MDA	< MDA	8.40E-02	1.17E-01
OL-5-26, SP-4	< MDA	< MDA	< MDA	< MDA	7.50E-02	1.20E-01
OL-5-26, SP-5	< MDA	< MDA	< MDA	< MDA	9.28E-02	1.07E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-26, SP-6	< MDA	< MDA	< MDA	< MDA	7.20E-02	1.03E-01
OL-5-26, SP-7	< MDA	< MDA	< MDA	< MDA	8.90E-02	1.19E-01
OL-5-26, SP-8	< MDA	< MDA	< MDA	< MDA	1.12E-01	1.09E-01
OL-5-26, SP-9	< MDA	< MDA	< MDA	< MDA	1.15E-01	1.12E-01
OL-5-26, SP-10	< MDA	< MDA	< MDA	< MDA	8.94E-02	1.17E-01
OL-5-26, SP-11	< MDA	< MDA	< MDA	< MDA	6.96E-02	1.11E-01
OL-5-26, SP-12	< MDA	< MDA	< MDA	< MDA	1.26E-01	1.07E-01
OL-5-27, SP-1	2.25E-01	9.80E-02	< MDA	< MDA		1.01E-01
OL-5-27, SP-2	< MDA	< MDA	< MDA	< MDA	7.90E-02	1.03E-01
OL-5-27, SP-3	< MDA	< MDA	< MDA	< MDA	1.22E-01	1.10E-01
OL-5-27, SP-4	< MDA	< MDA	< MDA	< MDA	1.01E-01	1.19E-01
OL-5-27, SP-5	< MDA	< MDA	< MDA	< MDA	7.25E-02	1.15E-01
OL-5-27, SP-6	< MDA	< MDA	< MDA	< MDA	7.63E-02	1.22E-01
OL-5-27, SP-7	< MDA	< MDA	< MDA	< MDA	1.05E-01	1.09E-01
OL-5-27, SP-8	< MDA	< MDA	< MDA	< MDA	9.23E-02	1.11E-01
OL-5-27, SP-9	1.66E-01	8.14E-02	< MDA	< MDA		1.15E-01
OL-5-27, SP-10	< MDA	< MDA	< MDA	< MDA	7.16E-02	1.14E-01
OL-5-27, SP-11	< MDA	< MDA	< MDA	< MDA	7.46E-02	1.19E-01
OL-5-27, SP-12	2.53E-01	7.25E-02	< MDA	< MDA		3.54E-02
OL-5-28, SP-1	1.82E-01	8.43E-02	< MDA	< MDA		1.12E-01
OL-5-28, SP-2	< MDA	< MDA	< MDA	< MDA	1.13E-01	1.08E-01
OL-5-28, SP-3	< MDA	< MDA	< MDA	< MDA	6.93E-02	1.10E-01
OL-5-28, SP-4	< MDA	< MDA	< MDA	< MDA	9.01E-02	1.17E-01
OL-5-28, SP-5	< MDA	< MDA	< MDA	< MDA	7.66E-02	1.00E-01
OL-5-28, SP-6	< MDA	< MDA	< MDA	< MDA	7.18E-02	1.14E-01
OL-5-28, SP-7	< MDA	< MDA	< MDA	< MDA	7.02E-02	1.03E-01
OL-5-28, SP-8	< MDA	< MDA	< MDA	< MDA	9.76E-02	1.12E-01
OL-5-28, SP-9	< MDA	< MDA	< MDA	< MDA	6.78E-02	9.91E-02
OL-5-28, SP-10	< MDA	< MDA	< MDA	< MDA	5.95E-02	9.47E-02
OL-5-28, SP-11	< MDA	< MDA	< MDA	< MDA	6.31E-02	1.00E-01
OL-5-28, SP-12	< MDA	< MDA	< MDA	< MDA	1.38E-01	9.95E-02
OL-5-29, SP-1	< MDA	< MDA	< MDA	< MDA	7.52E-02	1.20E-01
OL-5-29, SP-2	< MDA	< MDA	< MDA	< MDA	9.89E-02	1.03E-01
OL-5-29, SP-3	1.30E-01	5.08E-02	< MDA	< MDA		5.66E-02
OL-5-29, SP-4	< MDA	< MDA	< MDA	< MDA	1.30E-01	1.06E-01
OL-5-29, SP-5	< MDA	< MDA	< MDA	< MDA	1.27E-01	1.06E-01
OL-5-29, SP-6	< MDA	< MDA	< MDA	< MDA	1.04E-01	1.06E-01
OL-5-29, SP-7	< MDA	< MDA	< MDA	< MDA	1.23E-01	1.04E-01
OL-5-29, SP-8	2.31E-01	9.18E-02	< MDA	< MDA		1.04E-01
OL-5-29, SP-9	< MDA	< MDA	< MDA	< MDA	6.41E-02	1.02E-01
OL-5-29, SP-10	< MDA	< MDA	< MDA	< MDA	1.10E-01	1.04E-01
OL-5-29, SP-11	< MDA	< MDA	< MDA	< MDA	6.14E-02	1.12E-01
OL-5-29, SP-12	< MDA	< MDA	< MDA	< MDA	1.01E-01	1.16E-01
OL-5-30, SP-1	2.94E-01	1.21E-01	< MDA	< MDA		1.10E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-30, SP-2	4.35E-01	1.46E-01	< MDA	< MDA		1.01E-01
OL-5-30, SP-3	3.67E-01	1.29E-01	< MDA	< MDA		9.98E-02
OL-5-30, SP-4	3.86E-01	1.31E-01	< MDA	< MDA		1.13E-01
OL-5-30, SP-5	3.56E-01	1.35E-01	< MDA	< MDA		1.06E-01
OL-5-30, SP-6	4.98E-01	1.35E-01	< MDA	< MDA		1.01E-01
OL-5-30, SP-7	3.99E-01	1.37E-01	< MDA	< MDA		1.19E-01
OL-5-30, SP-8	5.78E-01	1.69E-01	< MDA	< MDA		1.06E-01
OL-5-30, SP-9	5.44E-01	1.56E-01	< MDA	< MDA		1.25E-01
OL-5-30, SP-10	3.85E-01	1.28E-01	< MDA	< MDA		1.03E-01
OL-5-30, SP-11	6.65E-01	1.74E-01	< MDA	< MDA		1.05E-01
OL-5-30, SP-12	3.68E-01	1.31E-01	< MDA	< MDA		1.05E-01
OL-5-31, SP-1	< MDA	< MDA	< MDA	< MDA	9.65E-02	1.00E-01
OL-5-31, SP-2	< MDA	< MDA	< MDA	< MDA	8.74E-02	1.00E-01
OL-5-31, SP-3	< MDA	< MDA	< MDA	< MDA	7.15E-02	1.05E-01
OL-5-31, SP-4	< MDA	< MDA	< MDA	< MDA	5.07E-02	3.53E-02
OL-5-31, SP-5	< MDA	< MDA	< MDA	< MDA	6.73E-02	1.07E-01
OL-5-31, SP-6	< MDA	< MDA	< MDA	< MDA	9.71E-02	1.04E-01
OL-5-31, SP-7	< MDA	< MDA	< MDA	< MDA	9.28E-02	1.22E-01
OL-5-31, SP-8	1.64E-01	7.58E-02	< MDA	< MDA		1.04E-01
OL-5-31, SP-9	< MDA	< MDA	< MDA	< MDA	8.55E-02	1.10E-01
OL-5-31, SP-10	< MDA	< MDA	< MDA	< MDA	1.43E-01	1.35E-01
OL-5-31, SP-11	< MDA	< MDA	< MDA	< MDA	1.13E-01	1.15E-01
OL-5-31, SP-12	< MDA	< MDA	< MDA	< MDA	7.84E-02	9.56E-02
OL-5-32, SP-1	3.86E-01	1.38E-01	< MDA	< MDA		1.14E-01
OL-5-32, SP-2	5.29E-01	1.44E-01	< MDA	< MDA		1.09E-01
OL-5-32, SP-3	5.00E-01	1.85E-01	< MDA	< MDA		1.32E-01
OL-5-32, SP-4	5.25E-01	1.49E-01	< MDA	< MDA		1.04E-01
OL-5-32, SP-5	5.67E-01	1.67E-01	< MDA	< MDA		1.34E-01
OL-5-32, SP-6	4.02E-01	1.48E-01	< MDA	< MDA		1.31E-01
OL-5-32, SP-7	4.15E-01	1.37E-01	< MDA	< MDA		1.04E-01
OL-5-32, SP-8	3.75E-01	1.30E-01	< MDA	< MDA		1.02E-01
OL-5-32, SP-9	4.48E-01	1.32E-01	< MDA	< MDA		1.06E-01
OL-5-32, SP-10	4.73E-01	1.54E-01	< MDA	< MDA		1.20E-01
OL-5-32, SP-11	4.38E-01	1.54E-01	< MDA	< MDA		1.15E-01
OL-5-32, SP-12	3.99E-01	1.57E-01	< MDA	< MDA		1.18E-01
OL-5-33, SP-1	< MDA	< MDA	< MDA	< MDA	7.83E-02	1.15E-01
OL-5-33, SP-2	2.29E-01	1.03E-01	< MDA	< MDA		1.27E-01
OL-5-33, SP-3	< MDA	< MDA	< MDA	< MDA	9.99E-02	1.20E-01
OL-5-33, SP-4	< MDA	< MDA	< MDA	< MDA	1.02E-01	1.08E-01
OL-5-33, SP-5	< MDA	< MDA	< MDA	< MDA	8.41E-02	1.17E-01
OL-5-33, SP-6	1.77E-01	8.18E-02	< MDA	< MDA		1.09E-01
OL-5-33, SP-7	< MDA	< MDA	< MDA	< MDA	9.57E-02	1.13E-01
OL-5-33, SP-8	< MDA	< MDA	< MDA	< MDA	1.12E-01	1.04E-01
OL-5-33, SP-9	< MDA	< MDA	< MDA	< MDA	7.44E-02	1.12E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-33, SP-10	< MDA	< MDA	< MDA	< MDA	1.18E-01	1.13E-01
OL-5-33, SP-11	< MDA	< MDA	< MDA	< MDA	7.58E-02	1.14E-01
OL-5-33, SP-12	< MDA	< MDA	< MDA	< MDA	9.82E-02	1.16E-01
OL-5-33, SP-1	< MDA	< MDA	< MDA	< MDA	7.83E-02	1.15E-01
OL-5-33, SP-2	2.29E-01	1.03E-01	< MDA	< MDA		1.27E-01
OL-5-33, SP-3	< MDA	< MDA	< MDA	< MDA	9.99E-02	1.20E-01
OL-5-33, SP-4	< MDA	< MDA	< MDA	< MDA	1.02E-01	1.08E-01
OL-5-33, SP-5	< MDA	< MDA	< MDA	< MDA	8.41E-02	1.17E-01
OL-5-33, SP-6	1.77E-01	8.18E-02	< MDA	< MDA		1.09E-01
OL-5-33, SP-7	< MDA	< MDA	< MDA	< MDA	9.57E-02	1.13E-01
OL-5-33, SP-8	< MDA	< MDA	< MDA	< MDA	1.12E-01	1.04E-01
OL-5-33, SP-9	< MDA	< MDA	< MDA	< MDA	7.44E-02	1.12E-01
OL-5-33, SP-10	< MDA	< MDA	< MDA	< MDA	1.18E-01	1.13E-01
OL-5-33, SP-11	< MDA	< MDA	< MDA	< MDA	7.58E-02	1.14E-01
OL-5-33, SP-12	< MDA	< MDA	< MDA	< MDA	9.82E-02	1.16E-01
OL-5-34, SP-1	2.10E-01	1.05E-01	< MDA	< MDA		1.22E-01
OL-5-34, SP-2	< MDA	< MDA	< MDA	< MDA	7.52E-02	1.14E-01
OL-5-34, SP-3	< MDA	< MDA	< MDA	< MDA	8.24E-02	1.31E-01
OL-5-34, SP-4	< MDA	< MDA	< MDA	< MDA	9.82E-02	1.10E-01
OL-5-34, SP-5	1.93E-01	9.13E-02	< MDA	< MDA		1.19E-01
OL-5-34, SP-6	1.99E-01	8.97E-02	< MDA	< MDA		1.17E-01
OL-5-34, SP-7	2.72E-01	1.12E-01	< MDA	< MDA		1.26E-01
OL-5-34, SP-8	< MDA	< MDA	< MDA	< MDA	8.12E-02	1.19E-01
OL-5-34, SP-9	< MDA	< MDA	< MDA	< MDA	7.98E-02	1.20E-01
OL-5-34, SP-10	< MDA	< MDA	< MDA	< MDA	7.94E-02	1.08E-01
OL-5-34, SP-11	2.11E-01	9.46E-02	< MDA	< MDA		1.17E-01
OL-5-34, SP-12	< MDA	< MDA	< MDA	< MDA	8.67E-02	1.14E-01
OL-5-35, SP-1	< MDA	< MDA	< MDA	< MDA	8.07E-02	1.28E-01
OL-5-35, SP-2	2.13E-01	9.13E-02	< MDA	< MDA		1.08E-01
OL-5-35, SP-3	< MDA	< MDA	< MDA	< MDA	1.28E-01	1.23E-01
OL-5-35, SP-4	< MDA	< MDA	< MDA	< MDA	7.42E-02	1.12E-01
OL-5-35, SP-5	< MDA	< MDA	< MDA	< MDA	6.52E-02	1.04E-01
OL-5-35, SP-6	1.66E-01	7.91E-02	< MDA	< MDA		1.08E-01
OL-5-35, SP-7	< MDA	< MDA	< MDA	< MDA	1.19E-01	1.05E-01
OL-5-35, SP-8	< MDA	< MDA	< MDA	< MDA	1.23E-01	1.07E-01
OL-5-35, SP-9	< MDA	< MDA	< MDA	< MDA	1.07E-01	1.22E-01
OL-5-35, SP-10	2.08E-01	1.00E-01	< MDA	< MDA		1.07E-01
OL-5-35, SP-11	< MDA	< MDA	< MDA	< MDA	7.78E-02	1.17E-01
OL-5-35, SP-12	< MDA	< MDA	< MDA	< MDA	1.20E-01	1.01E-01
OL-5-36, SP-1	4.38E-01	1.43E-01	< MDA	< MDA		1.17E-01
OL-5-36, SP-2	5.28E-01	1.66E-01	< MDA	< MDA		1.43E-01
OL-5-36, SP-3	3.31E-01	1.32E-01	< MDA	< MDA		1.32E-01
OL-5-36, SP-4	4.00E-01	1.51E-01	< MDA	< MDA		1.13E-01
OL-5-36, SP-5	6.22E-01	1.74E-01	< MDA	< MDA		1.35E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-36, SP-6	4.00E-01	1.23E-01	< MDA	< MDA		1.07E-01
OL-5-36, SP-7	3.02E-01	1.41E-01	< MDA	< MDA		1.30E-01
OL-5-36, SP-8	3.21E-01	1.18E-01	< MDA	< MDA		1.02E-01
OL-5-36, SP-9	3.85E-01	1.37E-01	< MDA	< MDA		1.17E-01
OL-5-36, SP-10	5.20E-01	1.55E-01	< MDA	< MDA		1.26E-01
OL-5-36, SP-11	3.81E-01	1.19E-01	< MDA	< MDA		1.31E-01
OL-5-36, SP-12	4.98E-01	1.82E-01	< MDA	< MDA		1.34E-01
OL-5-37, SP-1	< MDA	< MDA	< MDA	< MDA	6.62E-02	1.05E-01
OL-5-37, SP-2	2.51E-01	1.15E-01	< MDA	< MDA		1.13E-01
OL-5-37, SP-3	3.56E-01	1.25E-01	< MDA	< MDA		1.03E-01
OL-5-37, SP-4	< MDA	< MDA	< MDA	< MDA	1.08E-01	1.01E-01
OL-5-37, SP-5	< MDA	< MDA	< MDA	< MDA	1.18E-01	9.80E-02
OL-5-37, SP-6	3.11E-01	1.22E-01	< MDA	< MDA		1.09E-01
OL-5-37, SP-7	< MDA	< MDA	< MDA	< MDA	6.72E-02	1.02E-01
OL-5-37, SP-8	< MDA	< MDA	< MDA	< MDA	6.28E-02	1.00E-01
OL-5-37, SP-9	4.54E-01	1.64E-01	< MDA	< MDA		1.09E-01
OL-5-37, SP-10	< MDA	< MDA	< MDA	< MDA	5.95E-02	9.48E-02
OL-5-37, SP-11	< MDA	< MDA	< MDA	< MDA	6.37E-02	1.01E-01
OL-5-37, SP-12	3.40E-01	1.54E-01	< MDA	< MDA		1.08E-01
OL-5-38, SP-1	< MDA	< MDA	< MDA	< MDA	9.13E-02	1.27E-01
OL-5-38, SP-2	2.30E-01	9.69E-02	< MDA	< MDA		1.17E-01
OL-5-38, SP-3	< MDA	< MDA	< MDA	< MDA	1.22E-01	1.18E-01
OL-5-38, SP-4	< MDA	< MDA	< MDA	< MDA	8.08E-02	1.15E-01
OL-5-38, SP-5	< MDA	< MDA	< MDA	< MDA	9.56E-02	1.01E-01
OL-5-38, SP-6	2.54E-01	1.05E-01	< MDA	< MDA		1.24E-01
OL-5-38, SP-7	< MDA	< MDA	< MDA	< MDA	1.25E-01	1.29E-01
OL-5-38, SP-8	< MDA	< MDA	< MDA	< MDA	1.00E-01	1.19E-01
OL-5-38, SP-9	2.64E-01	1.07E-01	< MDA	< MDA		1.24E-01
OL-5-38, SP-10	< MDA	< MDA	< MDA	< MDA	1.12E-01	1.08E-01
OL-5-38, SP-11	< MDA	< MDA	< MDA	< MDA	9.41E-02	1.15E-01
OL-5-38, SP-12	< MDA	< MDA	< MDA	< MDA	8.98E-02	1.13E-01
OL-5-39, SP-1	< MDA	< MDA	< MDA	< MDA	8.18E-02	1.14E-01
OL-5-39, SP-2	< MDA	< MDA	< MDA	< MDA	1.14E-01	1.15E-01
OL-5-39, SP-3	< MDA	< MDA	< MDA	< MDA	1.36E-01	1.26E-01
OL-5-39, SP-4	< MDA	< MDA	< MDA	< MDA	8.05E-02	5.99E-02
OL-5-39, SP-5	< MDA	< MDA	< MDA	< MDA	7.29E-02	1.16E-01
OL-5-39, SP-6	< MDA	< MDA	< MDA	< MDA	7.81E-02	1.24E-01
OL-5-39, SP-7	< MDA	< MDA	< MDA	< MDA	1.08E-01	1.20E-01
OL-5-39, SP-8	< MDA	< MDA	< MDA	< MDA	9.98E-02	1.19E-01
OL-5-39, SP-9	< MDA	< MDA	< MDA	< MDA	7.67E-02	1.22E-01
OL-5-39, SP-10	< MDA	< MDA	< MDA	< MDA	1.04E-01	6.35E-02
OL-5-39, SP-11	< MDA	< MDA	< MDA	< MDA	1.87E-01	1.28E-01
OL-5-39, SP-12	< MDA	< MDA	< MDA	< MDA	9.81E-02	1.28E-01
OL-5-40, SP-1	1.96E-01	6.00E-02	< MDA	< MDA		4.07E-02

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-40, SP-2	< MDA	< MDA	< MDA	< MDA	1.14E-01	1.22E-01
OL-5-40, SP-3	< MDA	< MDA	< MDA	< MDA	1.18E-01	1.20E-01
OL-5-40, SP-4	< MDA	< MDA	< MDA	< MDA	1.30E-01	1.27E-01
OL-5-40, SP-5	< MDA	< MDA	< MDA	< MDA	7.86E-02	1.25E-01
OL-5-40, SP-6	< MDA	< MDA	< MDA	< MDA	8.31E-02	1.12E-01
OL-5-40, SP-7	1.82E-01	8.68E-02	< MDA	< MDA		1.19E-01
OL-5-40, SP-8	< MDA	< MDA	< MDA	< MDA	9.25E-02	1.15E-01
OL-5-40, SP-9	< MDA	< MDA	< MDA	< MDA	8.69E-02	1.16E-01
OL-5-40, SP-10	< MDA	< MDA	< MDA	< MDA	1.07E-01	1.26E-01
OL-5-40, SP-11	2.09E-01	1.01E-01	< MDA	< MDA		1.20E-01
OL-5-40, SP-12	< MDA	< MDA	< MDA	< MDA	8.41E-02	1.27E-01
OL-5-41, SP-1	< MDA	< MDA	< MDA	< MDA	1.39E-01	1.17E-01
OL-5-41, SP-2	< MDA	< MDA	< MDA	< MDA	1.08E-01	1.32E-01
OL-5-41, SP-3	< MDA	< MDA	< MDA	< MDA	1.70E-01	1.34E-01
OL-5-41, SP-4	< MDA	< MDA	< MDA	< MDA	8.56E-02	1.29E-01
OL-5-41, SP-5	< MDA	< MDA	< MDA	< MDA	9.78E-02	1.15E-01
OL-5-41, SP-6	< MDA	< MDA	< MDA	< MDA	1.02E-01	1.24E-01
OL-5-41, SP-7	< MDA	< MDA	< MDA	< MDA	9.79E-02	1.28E-01
OL-5-41, SP-8	< MDA	< MDA	< MDA	< MDA	8.66E-02	1.31E-01
OL-5-41, SP-9	< MDA	< MDA	< MDA	< MDA	1.32E-01	1.24E-01
OL-5-41, SP-10	< MDA	< MDA	< MDA	< MDA	1.09E-01	1.26E-01
OL-5-41, SP-11	< MDA	< MDA	< MDA	< MDA	9.53E-02	1.20E-01
OL-5-41, SP-12	< MDA	< MDA	< MDA	< MDA	1.01E-01	1.31E-01
OL-5-42, SP-1	2.90E-01	1.27E-01	< MDA	< MDA		1.17E-01
OL-5-42, SP-2	< MDA	< MDA	< MDA	< MDA	1.68E-01	1.43E-01
OL-5-42, SP-3	< MDA	< MDA	< MDA	< MDA	1.10E-01	1.36E-01
OL-5-42, SP-4	< MDA	< MDA	< MDA	< MDA	1.88E-01	1.19E-01
OL-5-42, SP-5	3.90E-01	1.73E-01	< MDA	< MDA		1.37E-01
OL-5-42, SP-6	< MDA	< MDA	< MDA	< MDA	1.56E-01	1.23E-01
OL-5-42, SP-7	< MDA	< MDA	< MDA	< MDA	8.66E-02	1.18E-01
OL-5-42, SP-8	< MDA	< MDA	< MDA	< MDA	1.71E-01	1.13E-01
OL-5-42, SP-9	< MDA	< MDA	< MDA	< MDA	1.62E-01	1.21E-01
OL-5-42, SP-10	< MDA	< MDA	< MDA	< MDA	1.29E-01	1.14E-01
OL-5-42, SP-11	< MDA	< MDA	< MDA	< MDA	1.43E-01	1.24E-01
OL-5-43, SP-1	< MDA	< MDA	< MDA	< MDA	1.56E-01	1.17E-01
OL-5-43, SP-2	< MDA	< MDA	< MDA	< MDA	1.07E-01	1.31E-01
OL-5-43, SP-3	< MDA	< MDA	< MDA	< MDA	1.40E-01	1.30E-01
OL-5-43, SP-4	< MDA	< MDA	< MDA	< MDA	1.38E-01	1.36E-01
OL-5-43, SP-5	< MDA	< MDA	< MDA	< MDA	1.73E-01	1.30E-01
OL-5-43, SP-6	2.44E-01	1.22E-01	< MDA	< MDA		1.42E-01
OL-5-43, SP-7	< MDA	< MDA	< MDA	< MDA	1.36E-01	1.31E-01
OL-5-43, SP-8	< MDA	< MDA	< MDA	< MDA	1.11E-01	1.38E-01
OL-5-43, SP-9	< MDA	< MDA	< MDA	< MDA	1.61E-01	1.30E-01
OL-5-43, SP-10	< MDA	< MDA	< MDA	< MDA	1.63E-01	1.42E-01

Soil Lift Sample Results

Location	Cs-137		Co-60		CS-137 MDA	Co-60 MDA
	pCi/g	2σ	pCi/g	2σ	pCi/g	pCi/g
OL-5-43, SP-11	< MDA	< MDA	< MDA	< MDA	1.32E-01	1.32E-01
OL-5-44, SP-1	2.44E-01	1.21E-01	< MDA	< MDA		1.19E-01
OL-5-44, SP-2	4.86E-01	1.69E-01	< MDA	< MDA		1.22E-01
OL-5-44, SP-3	3.19E-01	1.38E-01	< MDA	< MDA		1.28E-01
OL-5-44, SP-4	< MDA	< MDA	< MDA	< MDA	1.85E-01	1.27E-01
OL-5-44, SP-5	< MDA	< MDA	< MDA	< MDA	1.45E-01	1.12E-01
OL-5-44, SP-6	< MDA	< MDA	< MDA	< MDA	1.37E-01	1.11E-01
OL-5-44, SP-7	3.85E-01	1.43E-01	< MDA	< MDA		1.19E-01
OL-5-44, SP-8	< MDA	< MDA	< MDA	< MDA	1.10E-01	1.03E-01
OL-5-44, SP-9	< MDA	< MDA	< MDA	< MDA	1.39E-01	1.13E-01
OL-5-44, SP-10	< MDA	< MDA	< MDA	< MDA	1.14E-01	1.20E-01
OL-5-44, SP-11	2.26E-01	1.06E-01	< MDA	< MDA		1.08E-01
OL-5-44, SP-12	< MDA	< MDA	< MDA	< MDA	1.31E-01	1.20E-01
OL-5-45, SP-1	< MDA	< MDA	< MDA	< MDA	1.86E-01	1.15E-01
OL-5-45, SP-2	3.95E-01	1.40E-01	< MDA	< MDA		1.25E-01
OL-5-45, SP-3	< MDA	< MDA	< MDA	< MDA	1.25E-01	1.17E-01
OL-5-45, SP-4	4.17E-01	1.50E-01	< MDA	< MDA		1.20E-01
OL-5-45, SP-5	< MDA	< MDA	< MDA	< MDA	1.52E-01	1.25E-01
OL-5-45, SP-6	3.84E-01	1.49E-01	< MDA	< MDA		1.63E-01
OL-5-45, SP-7	< MDA	< MDA	< MDA	< MDA	1.57E-01	1.19E-01
OL-5-45, SP-8	2.87E-01	1.27E-01	< MDA	< MDA		1.32E-01
OL-5-45, SP-9	3.34E-01	1.21E-01	< MDA	< MDA		1.14E-01
OL-5-45, SP-10	4.64E-01	1.62E-01	< MDA	< MDA		1.17E-01
OL-5-45, SP-11	2.42E-01	1.14E-01	< MDA	< MDA		1.17E-01

Plum Brook Reactor Facility

Final Status Survey Report

Attachment 18

Excavated and Backfill Materials

Revision 0

Appendix E

Verification and QC Sample Results

Table of Contents

Table 1, SR-171 Verification Survey Sample Results

Sample Log #	Sample #	Batch/Pile	Weight (g)	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ	Cs-137 MDA	Co-60 MDA
				(pCi/g)					
PB09-01560	SR-171-1	1	365.1	<MDA	<MDA	<MDA	<MDA	7.81E-02	1.19E-01
PB09-01562	SR-171-2	1	372.1	<MDA	<MDA	<MDA	<MDA	8.06E-02	1.26E-01
PB09-01563	SR-171-3	1	387.2	1.99E-01	8.91E-02	<MDA	<MDA		1.16E-01
PB09-01615	SR-171-4	2	362.8	<MDA	<MDA	<MDA	<MDA	7.86E-02	1.20E-01
PB09-01616	SR-171-5	2	352.8	<MDA	<MDA	<MDA	<MDA	8.50E-02	1.33E-01
PB09-01617	SR-171-6	2	405.3	<MDA	<MDA	<MDA	<MDA	7.04E-02	1.07E-01
PB10-02422	SR-171-42	2	381.7	1.63E-01	8.14E-02	<MDA	<MDA		1.19E-01
PB10-02423	SR-171-43	2	372.4	<MDA	<MDA	<MDA	<MDA	1.27E-01	1.27E-01
PB10-02424	SR-171-44	2	385.6	2.41E-01	9.88E-02	<MDA	<MDA		1.18E-01
PB10-02425	SR-171-45	2	386.5	<MDA	<MDA	<MDA	<MDA	8.43E-02	1.14E-01
PB09-01669	SR-171-7	3	352.6	<MDA	<MDA	<MDA	<MDA	8.51E-02	1.33E-01
PB09-01670	SR-171-8	3	315.2	<MDA	<MDA	<MDA	<MDA	9.00E-02	1.43E-01
PB09-01671	SR-171-9	3	391.2	1.77E-01	8.59E-02	<MDA	<MDA		1.20E-01
PB09-01672	SR-171-10	4	387.3	<MDA	<MDA	<MDA	<MDA	8.67E-02	1.16E-01
PB09-01673	SR-171-11	4	387.5	<MDA	<MDA	<MDA	<MDA	7.36E-02	1.12E-01
PB09-01674	SR-171-12	4	453.4	<MDA	<MDA	<MDA	<MDA	9.05E-02	1.04E-01
PB09-01715	SR-171-13	5	415.4	<MDA	<MDA	<MDA	<MDA	6.87E-02	1.05E-01
PB09-01716	SR-171-14	5	421.1	<MDA	<MDA	<MDA	<MDA	8.99E-02	1.11E-01
PB09-01717	SR-171-15	5	338.1	2.05E-01	9.68E-02	<MDA	<MDA		1.33E-01
PB09-01768	SR-171-17	6	385.3	<MDA	<MDA	<MDA	<MDA	7.36E-02	1.17E-01
PB09-01769	SR-171-18	6	411.8	<MDA	<MDA	<MDA	<MDA	7.28E-02	1.14E-01
PB09-01770	SR-171-19	6	370.6	<MDA	<MDA	<MDA	<MDA	7.66E-02	1.22E-01
PB09-01765	SR-171-21	7	365.3	<MDA	<MDA	<MDA	<MDA	1.87E-01	1.28E-01
PB09-01766	SR-171-22	7	365.0	<MDA	<MDA	<MDA	<MDA	7.77E-02	1.24E-01
PB09-01767	SR-171-23	7	358.1	<MDA	<MDA	<MDA	<MDA	9.57E-02	1.31E-01
PB09-02070	SR-171-24	8	351.7	4.29E-01	1.38E-01	<MDA	<MDA		1.24E-01

Table 1, SR-171 Verification Survey Sample Results

Sample Log #	Sample #	Batch/Pile	Weight (g)	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ	Cs-137 MDA	Co-60 MDA
				(pCi/g)					
PB09-02071	SR-171-25	8	344.7	4.69E-01	1.45E-01	<MDA	<MDA		1.31E-01
PB09-02072	SR-171-26	8	354.7	5.39E-01	1.74E-01	<MDA	<MDA		1.27E-01
PB09-02073	SR-171-27	9	393.2	2.17E-01	1.08E-01	<MDA	<MDA		1.19E-01
PB09-02074	SR-171-28	9	390.7	2.48E-01	9.93E-02	<MDA	<MDA		1.11E-01
PB09-02075	SR-171-29	9	406.8	3.82E-01	1.44E-01	<MDA	<MDA		1.11E-01
PB09-02137	SR-171-30	10	387.2	4.08E-01	1.28E-01	<MDA	<MDA		1.16E-01
PB09-02138	SR-171-31	10	324.8	2.63E-01	1.15E-01	<MDA	<MDA		1.45E-01
PB09-02139	SR-171-32	10	411.3	2.35E-01	9.43E-02	<MDA	<MDA		1.06E-01
PB10-00943	SR-171-33	158	376.7	1.55E-01	5.58E-02	<MDA	<MDA		3.90E-02
PB10-00944	SR-171-34	159	396.1	<MDA	<MDA	<MDA	<MDA	7.16E-02	1.14E-01
PB10-01107	SR-171-35	165	366.4	<MDA	<MDA	<MDA	<MDA	8.19E-02	1.28E-01
PB10-01108	SR-171-36	166	375.8	<MDA	<MDA	<MDA	<MDA	8.94E-02	1.20E-01
PB10-01346	SR-171-39	173	415.8	<MDA	<MDA	<MDA	<MDA	6.82E-02	1.08E-01
PB10-01347	SR-171-40	174	398.6	1.87E-01	8.39E-02	<MDA	<MDA		1.11E-01
PB10-02635	SR-171-46	180	388.3	3.00E-01	1.10E-01	<MDA	<MDA		1.18E-01
PB10-02636	SR-171-47	181	340.4	<MDA	<MDA	<MDA	<MDA	8.81E-02	1.39E-01
PB10-02644	SR-171-48	182	369.0	3.37E-01	1.19E-01	<MDA	<MDA		1.24E-01
PB10-02645	SR-171-49	183	397.0	3.07E-01	1.13E-01	<MDA	<MDA		1.19E-01
PB10-02693	SR-171-50	184	355.9	<MDA	<MDA	<MDA	<MDA	8.42E-02	1.33E-01
PB10-02694	SR-171-51	185	383.8	4.45E-01	1.35E-01	<MDA	<MDA		1.19E-01
PB10-02757	SR-171-52	186	392.0	<MDA	<MDA	<MDA	<MDA	1.04E-01	1.16E-01
PB10-02758	SR-171-53	187	384.3	<MDA	<MDA	<MDA	<MDA	7.80E-02	1.23E-01
PB10-02855	SR-171-54	188	364.0	4.58E-01	1.40E-01	<MDA	<MDA		1.25E-01
PB10-02856	SR-171-55	189	361.7	4.08E-01	1.33E-01	<MDA	<MDA		1.26E-01
PB10-02858	SR-171-56	190	317.7	3.62E-01	1.78E-01	<MDA	<MDA		1.44E-01
PB10-02859	SR-171-57	191	340.3	<MDA	<MDA	<MDA	<MDA	1.50E-01	1.34E-01
PB10-03254	SR-171-58	201	319.1	2.19E-01	1.03E-01	<MDA	<MDA		1.43E-01

Table 1, SR-171 Verification Survey Sample Results

Sample Log #	Sample #	Batch/Pile	Weight (g)	Cs-137	Cs-137 2σ	Co-60	Co-60 2σ	Cs-137 MDA	Co-60 MDA
				(pCi/g)					
PB10-03478	SR-171-59	207	425.9	3.07E-01	1.04E-01	<MDA	<MDA		1.03E-01
PB10-03479	SR-171-60	208	447.0	1.82E-01	7.97E-02	<MDA	<MDA		1.02E-01
PB10-03482	SR-171-62	209	407.2	1.74E-01	8.00E-02	<MDA	<MDA		1.08E-01

Table 2, Summary of SR-171 Verification Survey Sample Results

Statistic	Weight	Cs-137		Co-60		Cs-137 MDA	Co-60 MDA
		pCi/g	2σ	pCi/g	2σ	pCi/g	
Maximum	453.4	5.39E-01	1.78E-01	< MDA	< MDA	1.87E-01	1.45E-01
Average	378.2	2.97E-01	1.12E-01	N/A	N/A	8.92E-02	1.20E-01
Std. Dev.	29.9	1.12E-01	2.93E-02	N/A	N/A	2.54E-02	1.54E-02
Total Number	56	27	27	0	0	29	56

Table 3, Soil Lift and Verification Soil Sample QC Comparison

Sample #	Location	Original Result [1]	Replicate Result [1]	Original 2 σ Uncertainty	Resolution [2]	Ratio [3]	Pass [4] [5]
SR-171-16	Pile #5, Sample #3 QC	2.05E-01	8.89E-02	9.68E-02	4.2	0.43	No [6]
SR-171-20	Pile #6, Sample #3 QC	<MDA	<MDA	N/A			No [6]
SR-171-41	Pile # 174 QC	1.87E-01	1.90E-01	8.38E-02	4.5	1.02	Yes
SR-171-61	Pile #208 QC	1.82E-01	5.22E-02	7.97E-02	4.6	0.29	No [6]
SR-283-5	OL-5-1 SP-4 QC	1.85E-01	6.89E-02	8.27E-02	4.5	0.37	No [6]
SR-283-19	OL-5-2 SP-5 QC	3.94E-01	3.90E-01	1.34E-01	5.9	0.99	Yes
SR-283-31	OL-5-3 SP-4 QC	2.02E-01	2.73E-01	9.52E-02	4.2	1.35	Yes
SR-283-48	OL-5-4 SP-8 QC	4.35E-01	3.15E-01	1.36E-01	6.4	0.72	Yes
SR-283-58	OL-5-5 SP-5 QC	2.87E-01	2.73E-01	1.16E-01	4.9	0.95	Yes
SR-283-71	OL-5-6, SP-5 QC	4.36E-01	3.88E-01	1.37E-01	6.4	0.89	Yes
SR-283-88	OL-5-7, SP-8 QC	<MDA	<MDA				Yes
SR-283-97	OL-5-8, SP-4 QC	3.88E-01	3.26E-01	1.28E-01	6.1	0.84	Yes
SR-283-123	OL-5-8, SP-12 QC	2.88E-01	4.15E-01	1.37E-01	4.2	1.44	Yes
SR-283-136	OL-5-10, SP-12 QC	<MDA	<MDA				Yes
SR-283-139	OL-5-12, SP-2 QC	2.76E-01	1.01E-01	1.15E-01	4.8	0.37	No [6]
SR-283-153	OL-5-13, SP-3 QC	<MDA	<MDA				Yes
SR-283-167	OL-5-14, SP-4 QC	2.43E-01	1.88E-01	9.17E-02	5.3	0.77	Yes
SR-283-182	OL-5-15, SP-6 QC	<MDA	<MDA				Yes
SR-283-191	OL-5-16, SP-2 QC	<MDA	<MDA				Yes
SR-283-207	OL-5-17, SP-5 QC	<MDA	<MDA				Yes
SR-283-223	OL-5-18, SP-8 QC	4.00E-01	2.94E-01	1.49E-01	5.4	0.74	Yes
SR-283-230	OL-5-19, SP-2 QC	<MDA	<MDA				Yes
SR-283-249	OL-5-20, SP-8 QC	5.01E-01	4.93E-01	1.48E-01	6.8	0.98	Yes
SR-283-261	OL-5-21, SP-7 QC	4.47E-01	5.08E-01	1.21E-01	7.4	1.14	Yes
SR-283-270	OL-5-22, SP-3 QC	<MDA	<MDA				Yes
SR-283-282	OL-5-23, SP-2 QC	1.84E-01	1.34E-01	6.93E-02	5.3	0.73	Yes
SR-283-296	OL-5-24, SP-3 QC	1.16E-01	1.65E-01	4.71E-02	4.9	1.42	Yes
SR-283-312	OL-5-25, SP-6 QC	<MDA	<MDA				Yes

Table 3, Soil Lift and Verification Soil Sample QC Comparison

Sample #	Location	Original	Replicate	Original 2 σ	Resolution	Ratio [3]	Pass [4] [5]
SR-283-324	OL-5-26, SP-5 QC	<MDA	<MDA				Yes
SR-283-337	OL-5-27, SP-5 QC	7.25E-02	1.90E-01	9.38E-02	1.5	2.62	No [6]
SR-283-350	OL-5-28, SP-5 QC	<MDA	<MDA				Yes
SR-283-363	OL-5-30, SP-5 QC	3.56E-01	4.11E-01	1.35E-01	5.3	1.15	Yes
SR-283-375	OL-5-31, SP-4 QC	8.40E-02	5.07E-02	4.04E-01	0.4	0.60	Yes
SR-283-393	OL-5-32, SP-9 QC	4.48E-01	3.23E-01	1.32E-01	6.8	0.72	Yes
SR-283-402	OL-5-33, SP-5 QC	<MDA	<MDA				Yes
SR-283-415	OL-5-34, SP-5 QC	1.93E-01	6.93E-02	9.13E-02	4.2	0.36	No [6]
SR-283-428	OL-5-35, SP-5 QC	<MDA	<MDA				Yes
SR-283-441	OL-5-36, SP-5 QC	6.22E-01	3.50E-01	1.74E-01	7.1	0.56	Yes
SR-283-455	OL-5-37, SP-6 QC	3.11E-01	5.15E-01	1.22E-01	5.1	1.66	Yes
SR-283-467	OL-5-38, SP-5 QC	<MDA	<MDA				Yes
SR-283-479	OL-5-39, SP-4 QC	<MDA	<MDA				Yes
SR-283-493	OL-5-40, SP-5 QC	<MDA	<MDA				Yes
SR-283-506	OL-5-41, SP-5 QC	<MDA	<MDA				Yes
SR-283-519	OL-5-42, SP-5 QC	3.90E-01	1.58E-01	1.73E-01	4.5	0.41	No [6]
SR-283-531	OL-5-43, SP-5 QC	<MDA	<MDA				Yes
SR-283-543	OL-5-44, SP-5 QC	<MDA	<MDA				Yes
SR-283-556	OL-5-45, SP-5 QC	3.05E-01	1.52E-01	1.24E-01	4.9	0.50	Yes
SR-286-13	OL-5-9, SP-12, QC	<MDA	< MDA				Yes
SR-286-20	OL-5-11, SP-6 QC	<MDA	< MDA				Yes
SR-286-31	OL-5-29, SP-5 QC	< MDA	< MDA				Yes

Table 3 Notes:

1. Sample comparison is made for Cs-137 Results. All Co-60 replicate samples are also < MDA.
2. The sample resolution is calculated as the ratio of the original sample uncertainty and the sample measured activity concentration.
3. The ratio of QC to original sample results.
4. See the table below for ratio vs. resolution acceptance criteria
5. If both original and QC sample are < MDA, they are considered to be in agreement.

6. Sample pairs which did not meet the acceptance criteria. As explained in footnote 32 on page 40 of the main body text (reproduced below) [1], an evaluation is performed of each failure to meet the acceptance criteria. All were so evaluated and found to be acceptable.

QC Sample Comparison
Acceptance Criteria

Resolution	Ratio
< 4	0.4 - 2.5
4 – 7	0.5 – 2.0
8 – 15	0.6 – 1.66
16 – 50	0.75 – 1.33
51 - 200	0.8 – 1.25
> 200	0.85 – 1.18

Acceptance Criteria Notes:

1. Acceptance Criteria are per FSS Plan Section, Section 12.7.2.
2. When comparing a positive result to a <MDA result, assume that the sample result is positive at the MDA and use the MDA value to determine the ratio.

[1] When the acceptance criterion is not met, an investigation is performed to determine the cause and corrective actions. The investigation may include repetition of the replicate QC measurement or other actions determined by the FSS/Characterization Supervisor. If upon repetition, the acceptance criterion is still not satisfied, the result may be accepted if the original and QC replicate measurement are both are below the $DCGL_W$ for the survey unit, the FSS/Characterization Supervisor reviews the investigation and concurs that the measurements are acceptable and the results of the investigation are documented in the Survey Request Summary and Close-out (Procedure CS-01, *Survey Methodology to Support PBRF License Termination*).