PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT
AND AOC/SWMU ASSESSMENT REPORT

UNIT NUMBER:	530
UNIT NAME:	Soil and Debris Storage Area by C-745-T Yard
DATE:	5/10/02, Revised 1/25/05
REGULATORY STATUS:	SWMU
LOCATION:	SWMU 530 is located east of the C-745-T Cylinder Yard. See enclosed map for a more precise location of SWMU 530.
APPROXIMATE DIMENSION:	Approximately 150 feet (east to west) by 420 feet (north to south).
FUNCTION:	Storage of construction and demolition debris (C&DD) and soils contaminated with polycyclic aromatic hydrocarbons (PAHs).
BRIEF HISTORY:	The storage area was constructed to receive C&DD and PAH-contaminated soils from the C-745-K South and C-745-M cylinder yards. C&DD consists of concrete, soil, rock, fabric, and plastic from the demolition of existing and older utilities in the C-746-K South and C-745-M cylinder yards. The PAH-contaminated soils are associated with the removal of USTs at the C-745-K South cylinder yard and the removal of a diesel spill in the C-745-M cylinder yard, which may have occurred during construction of the Paducah Gaseous Diffusion Plant in the 1950s. In late May 2002, notification was made to the Kentucky Division of Waste Management that debris from the C-746-K North cylinder storage yard would also be stored in SWMU 530. C&DD consists of scrap metal, piping, separation fabric, concrete crushed drums and associated soils.
OPERATIONAL STATUS:	Active
DATES OPERATED:	The C&DD materials were stored from January 2002 to the present. The storage of the PAH-contaminated soils was begun in March 2002.
SITE/PROCESS DESCRIPTION:	The site is a storage location for C&DD materials from the demolition of existing and old utilities in the C-745-K South,

C-746-K North, and C-745-M cylinder yards. The site also is a storage area for PAH-contaminated soil associated with the removal of the USTs at C-745-K South and with the ongoing removal action of diesel-contaminated soil from the C-745-M cylinder yard. Contaminated soils are placed on plastic and covered.

WASTE DESCRIPTION: C&DD and PAH-contaminated soils.

WASTE QUANTITY: Approximately 205,000 cu. ft. (7,854 cu. yd.).

C-746-U Landfill Disposal Packages U-090 (C-746-K South and C-745-M C&DD) and U-091 (C-746-K North C&DD) were prepared, reviewed, and approved for compliance with the C-746-U Landfill Waste Acceptance Criteria (WAC). Disposal of this waste (approximately 1,625 cu. yd.) occurred in 2003. Additional C-746-U Landfill Disposal Packages
U-116 (C-746-K South Removal of Soils at Underground Storage Tanks 17 and 18) and U-131 (C-746-K South and C-745-M Petroleum Contaminated Spill Site Soils) were also prepared, reviewed, and approved for compliance with the WAC. Disposal of waste (approximately 150 cu. yd.) associated with U-116 was completed in December 2004. Disposal of waste associated with U-131 is still underway.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA:

Radiological surveys of soil and gravel for C-745-K South and C-745-M cylinder yards and on C&DD were conducted. No radiological contamination was detected.

The Site Characterization Sampling Plans used for the C-746-K and C-745-M cylinder storage yards provided sufficient sampling locations to characterize a MARSSIM, Class 3 area for each of the three cylinder storage yards. Based on the history of the areas, no radioactivity above background was expected to be measured.

However, soil sampling results at Cylinder Yard C-746-K South soil results indicated that three composite samples and duplicate samples had technetium-99 levels significantly above background. Cylinder Yard C-746-M soil results indicated that composite samples from two grids contained technetium-99 levels slightly greater than background. Cylinder Yard C-745-K North soil results indicated that composite samples from five of the eight grids contained technetium-99 levels significantly greater than background. Based on these results, it was determined that additional sampling was required and an additional sampling plan was developed in March 2001.

Re-sampling was conducted in May 2001. Cylinder Yard C-746-K South re-sample results indicate that all samples results are below background levels, except for uranium-238. Two samples were slightly above background but within the sample error band of the background. Cylinder Yard C-745-M re-sample results indicate that all sample results are below background levels except for technetium-99 and uranium-238 in Grid H. Cylinder Yard C-746-K North re-sample results indicate that all sample results were non-detectable except for technetium-99 in grids D and F. One sample in each of the grids was greater than background, but within the sample error band of the background.

A more detailed summary of results is included in document BJC/PAD-384, *Evaluation of Radiological Survey Results from C-746K and C-745-M Cylinder Yards at the Paducah Gaseous Diffusion Plant*.

Attachment 1 is a summary of detects from Paducah OREIS sampling projects EF01-01, EF01-02, EF01-03, EF01-10, and EF02-13. These projects are related to the initial characterization of the cylinder storage yards prior to excavation and the re-sampling events discussed above.

C-746-U Landfill Disposal Packages U-090, U-091, U-116, and U-131 include sample data for related soils piles from SWMU 530.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: No release to the environment and no media affected. Plastic beneath and covering the stored PAH-contaminated soil prevents migration of contaminants.

GROUNDWATER: No groundwater has been impacted.

SURFACE WATER: No surface water has been impacted.

SOIL: No soils have been impacted.

ECOLOGY AFFECTED (i.e., endangered/threatened species): None.

DOCUMENTATION OF NO RELEASE: None.

IMPACT ON OR BY OTHER SWMU/AOC:	SWMU 409 is in the same vicinity as SWMU 530 (east of the C-745-T cylinder yard).
PRG COMPARISON:	None.
RFI NECESSARY:	No. PAH-contaminated soils are underlain and covered by plastic to prevent releases to the environment. Construction debris is newly generated and not contaminated.

Attachment 1
Detected Results from Paducah OREIS Projects EF01-01, EF01-02, EF01-03, EF01-10, and EF02-13

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-01	C-745-K South D	Activity of U-235	1/5/2001	0.0228		pCi/g
EF01-01	C-745-K South A	Activity of U-235	1/9/2001	0.0258		pCi/g
EF01-01	C-745-K South D	Activity of U-235	1/9/2001	0.0466		pCi/g
EF01-01	C-745-K South D	Activity of U-235	1/9/2001	0.0452		pCi/g
EF01-01	C-745-K South B	Activity of U-235	1/9/2001	0.0463		pCi/g
EF01-01	C-745-K South A	Activity of U-235	1/9/2001	0.0378		pCi/g
EF01-01	C-745-K South A	Aluminum	1/5/2001	3650	*N	mg/kg
EF01-01	C-745-K South A	Aluminum	1/5/2001	5220	*N	mg/kg
EF01-01	C-745-K South C	Aluminum	1/5/2001	703	*N	mg/kg
EF01-01	C-745-K South D	Aluminum	1/5/2001	552	*N	mg/kg
EF01-01	C-745-K South D	Aluminum	1/5/2001	601	*N	mg/kg
EF01-01	C-745-K South B	Aluminum	1/5/2001	1130	*N	mg/kg
EF01-01	C-745-K South A	Aluminum	1/9/2001	8000	*N	mg/kg
EF01-01	C-745-K South A	Aluminum	1/9/2001	8300	*N	mg/kg
EF01-01	C-745-K South D	Aluminum	1/9/2001	6920	*N	mg/kg
EF01-01	C-745-K South D	Aluminum	1/9/2001	10100	*N	mg/kg
EF01-01	C-745-K South C	Aluminum	1/9/2001	8680	*N	mg/kg
EF01-01	C-745-K South A	Antimony	1/9/2001	20	*N	mg/kg
EF01-01	C-745-K South B	Arsenic	1/9/2001	5.81	W	mg/kg
EF01-01	C-745-K South D	Barium	1/5/2001	24.1	*N	mg/kg
EF01-01	C-745-K South B	Barium	1/5/2001	18.3	*N	mg/kg
EF01-01	C-745-K South A	Barium	1/5/2001	32.2	*N	mg/kg
EF01-01	C-745-K South C	Barium	1/5/2001	20.8	*N	mg/kg
EF01-01	C-745-K South A	Barium	1/5/2001	51.6	*N	mg/kg
EF01-01	C-745-K South D	Barium	1/5/2001	21.9	*N	mg/kg
EF01-01	C-745-K South D	Barium	1/9/2001	96.5	*N	mg/kg
EF01-01	C-745-K South C	Barium	1/9/2001	74	*N	mg/kg
EF01-01	C-745-K South A	Barium	1/9/2001	64.1	*N	mg/kg
EF01-01	C-745-K South B	Barium	1/9/2001	64.9	*N	mg/kg
EF01-01	C-745-K South D	Barium	1/9/2001	53.5	*N	mg/kg
EF01-01	C-745-K South A	Barium	1/9/2001	74.1	*N	mg/kg
EF01-01	C-745-K South A	Calcium	1/5/2001	208000	*NW	mg/kg
EF01-01	C-745-K South D	Calcium	1/5/2001	332000	*NW	mg/kg
EF01-01	C-745-K South D	Calcium	1/5/2001	314000	*NW	mg/kg
EF01-01	C-745-K South A	Calcium	1/5/2001	157000	*NW	mg/kg
EF01-01	C-745-K South B	Calcium	1/5/2001	317000	*NW	mg/kg
EF01-01	C-745-K South C	Calcium	1/5/2001	300000	*NW	mg/kg
EF01-01	C-745-K South A	Calcium	1/9/2001	49900	*NW	mg/kg
EF01-01	C-745-K South D	Calcium	1/9/2001	107000	*NW	mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-01	C-745-K South D	Calcium	1/9/2001	28800	*NW	mg/kg
EF01-01	C-745-K South A	Calcium	1/9/2001	49700	*NW	mg/kg
EF01-01	C-745-K South B	Calcium	1/9/2001	12500	*NW	mg/kg
EF01-01	C-745-K South C	Calcium	1/9/2001	33800	*NW	mg/kg
EF01-01	C-745-K South D	Cesium-137	1/9/2001	0.0454		pCi/g
EF01-01	C-745-K South D	Cesium-137	1/9/2001	0.0518		pCi/g
EF01-01	C-745-K South C	Chromium	1/5/2001	10.9		mg/kg
EF01-01	C-745-K South B	Chromium	1/5/2001	5.03		mg/kg
EF01-01	C-745-K South D	Chromium	1/5/2001	4.45		mg/kg
EF01-01	C-745-K South A	Chromium	1/5/2001	8.28		mg/kg
EF01-01	C-745-K South D	Chromium	1/5/2001	4.32		mg/kg
EF01-01	C-745-K South A	Chromium	1/5/2001	6.92		mg/kg
EF01-01	C-745-K South A	Chromium	1/9/2001	10.6		mg/kg
EF01-01	C-745-K South A	Chromium	1/9/2001	9.09		mg/kg
EF01-01	C-745-K South D	Chromium	1/9/2001	10.1		mg/kg
EF01-01	C-745-K South C	Chromium	1/9/2001	10		mg/kg
EF01-01	C-745-K South D	Chromium	1/9/2001	11.5		mg/kg
EF01-01	C-745-K South B	Chromium	1/9/2001	10.2		mg/kg
EF01-01	C-745-K South A	Cobalt	1/5/2001	3.69		mg/kg
EF01-01	C-745-K South B	Cobalt	1/9/2001	4.37		mg/kg
EF01-01	C-745-K South A	Cobalt	1/9/2001	4.35		mg/kg
EF01-01	C-745-K South D	Cobalt	1/9/2001	3.62		mg/kg
EF01-01	C-745-K South A	Cobalt	1/9/2001	4.54		mg/kg
EF01-01	C-745-K South C	Cobalt	1/9/2001	4.63		mg/kg
EF01-01	C-745-K South D	Cobalt	1/9/2001	5.34		mg/kg
EF01-01	C-745-K South A	Copper	1/5/2001	6.51		mg/kg
EF01-01	C-745-K South C	Copper	1/5/2001	7.94		mg/kg
EF01-01	C-745-K South D	Copper	1/5/2001	3.35		mg/kg
EF01-01	C-745-K South B	Copper	1/5/2001	4.02		mg/kg
EF01-01	C-745-K South D	Copper	1/5/2001	2.67		mg/kg
EF01-01	C-745-K South A	Copper	1/5/2001	8.64		mg/kg
EF01-01	C-745-K South A	Copper	1/9/2001	7.82		mg/kg
EF01-01	C-745-K South D	Copper	1/9/2001	5.93		mg/kg
EF01-01	C-745-K South C	Copper	1/9/2001	8.82		mg/kg
EF01-01	C-745-K South D	Copper	1/9/2001	7.43		mg/kg
EF01-01	C-745-K South A	Copper	1/9/2001	6.83		mg/kg
EF01-01	C-745-K South B	Copper	1/9/2001	8.13		mg/kg
EF01-01	C-745-K South A	Iron	1/5/2001	5340	*NW	mg/kg
EF01-01	C-745-K South A	Iron	1/5/2001	7010	*NW	mg/kg
EF01-01	C-745-K South D	Iron	1/5/2001	1730	*NW	mg/kg
EF01-01	C-745-K South B	Iron	1/5/2001	2100	*NW	mg/kg
EF01-01	C-745-K South D	Iron	1/5/2001	1570	*NW	mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-01	C-745-K South C	Iron	1/5/2001	4650	*NW	mg/kg
EF01-01	C-745-K South A	Iron	1/9/2001	12000	*NW	mg/kg
EF01-01	C-745-K South A	Iron	1/9/2001	10800	*NW	mg/kg
EF01-01	C-745-K South D	Iron	1/9/2001	9230	*NW	mg/kg
EF01-01	C-745-K South B	Iron	1/9/2001	12700	*NW	mg/kg
EF01-01	C-745-K South D	Iron	1/9/2001	18200	*NW	mg/kg
EF01-01	C-745-K South C	Iron	1/9/2001	12000	*NW	mg/kg
EF01-01	C-745-K South D	Lithium	1/9/2001	5.14		mg/kg
EF01-01	C-745-K South A	Lithium	1/9/2001	5.8		mg/kg
EF01-01	C-745-K South A	Lithium	1/9/2001	5.72		mg/kg
EF01-01	C-745-K South D	Lithium	1/9/2001	6.53		mg/kg
EF01-01	C-745-K South B	Lithium	1/9/2001	6.4		mg/kg
EF01-01	C-745-K South C	Lithium	1/9/2001	5.62		mg/kg
EF01-01	C-745-K South A	Magnesium	1/5/2001	2650	*NW	mg/kg
EF01-01	C-745-K South B	Magnesium	1/5/2001	4810	*NW	mg/kg
EF01-01	C-745-K South D	Magnesium	1/5/2001	4800	*NW	mg/kg
EF01-01	C-745-K South A	Magnesium	1/5/2001	3710	*NW	mg/kg
EF01-01	C-745-K South C	Magnesium	1/5/2001	6400	*NW	mg/kg
EF01-01	C-745-K South D	Magnesium	1/5/2001	3660	*NW	mg/kg
EF01-01	C-745-K South A	Magnesium	1/9/2001	2120	*NW	mg/kg
EF01-01	C-745-K South B	Magnesium	1/9/2001	1390	*NW	mg/kg
EF01-01	C-745-K South C	Magnesium	1/9/2001	1690	*NW	mg/kg
EF01-01	C-745-K South D	Magnesium	1/9/2001	2070	*NW	mg/kg
EF01-01	C-745-K South D	Magnesium	1/9/2001	2360	*NW	mg/kg
EF01-01	C-745-K South A	Magnesium	1/9/2001	2170	*NW	mg/kg
EF01-01	C-745-K South A	Manganese	1/5/2001	220	*N	mg/kg
EF01-01	C-745-K South C	Manganese	1/5/2001	99.2	*N	mg/kg
EF01-01	C-745-K South D	Manganese	1/5/2001	44.9	*N	mg/kg
EF01-01	C-745-K South D	Manganese	1/5/2001	48.3	*N	mg/kg
EF01-01	C-745-K South B	Manganese	1/5/2001	49.5	*N	mg/kg
EF01-01	C-745-K South A	Manganese	1/5/2001	165	*N	mg/kg
EF01-01	C-745-K South A	Manganese	1/9/2001	409	*N	mg/kg
EF01-01	C-745-K South B	Manganese	1/9/2001	354	*N	mg/kg
EF01-01	C-745-K South C	Manganese	1/9/2001	365	*N	mg/kg
EF01-01	C-745-K South D	Manganese	1/9/2001	321	*N	mg/kg
EF01-01	C-745-K South A	Manganese	1/9/2001	372	*N	mg/kg
EF01-01	C-745-K South D	Manganese	1/9/2001	160	*N	mg/kg
EF01-01	C-745-K South B	Nickel	1/5/2001	5.36		mg/kg
EF01-01	C-745-K South D	Nickel	1/5/2001	5.41		mg/kg
EF01-01	C-745-K South A	Nickel	1/5/2001	9.27		mg/kg
EF01-01	C-745-K South A	Nickel	1/5/2001	8.14		mg/kg
EF01-01	C-745-K South D	Nickel	1/5/2001	5.11		mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-01	C-745-K South C	Nickel	1/5/2001	13.8		mg/kg
EF01-01	C-745-K South A	Nickel	1/9/2001	10.6		mg/kg
EF01-01	C-745-K South D	Nickel	1/9/2001	12.5		mg/kg
EF01-01	C-745-K South B	Nickel	1/9/2001	9.56		mg/kg
EF01-01	C-745-K South A	Nickel	1/9/2001	10.8		mg/kg
EF01-01	C-745-K South C	Nickel	1/9/2001	10.9		mg/kg
EF01-01	C-745-K South D	Nickel	1/9/2001	10.2		mg/kg
EF01-01	C-745-K South D	Technetium-99	1/5/2001	2.6		pCi/g
EF01-01	C-745-K South D	Technetium-99	1/5/2001	3.07		pCi/g
EF01-01	C-745-K South C	Technetium-99	1/5/2001	3.59		pCi/g
EF01-01	C-745-K South D	Technetium-99	1/9/2001	10		pCi/g
EF01-01	C-745-K South C	Technetium-99	1/9/2001	9.61		pCi/g
EF01-01	C-745-K South D	Technetium-99	1/9/2001	10.5		pCi/g
EF01-01	C-745-K South B	Thorium-228	1/9/2001	0.425		pCi/g
EF01-01	C-745-K South A	Thorium-228	1/9/2001	0.309		pCi/g
EF01-01	C-745-K South D	Thorium-228	1/9/2001	0.347		pCi/g
EF01-01	C-745-K South D	Thorium-228	1/9/2001	0.299		pCi/g
EF01-01	C-745-K South A	Thorium-228	1/9/2001	0.294		pCi/g
EF01-01	C-745-K South C	Thorium-228	1/9/2001	0.361		pCi/g
EF01-01	C-745-K South D	Thorium-230	1/9/2001	0.322		pCi/g
EF01-01	C-745-K South D	Thorium-230	1/9/2001	0.386		pCi/g
EF01-01	C-745-K South B	Thorium-230	1/9/2001	0.463		pCi/g
EF01-01	C-745-K South A	Thorium-230	1/9/2001	0.337		pCi/g
EF01-01	C-745-K South C	Thorium-230	1/9/2001	0.362		pCi/g
EF01-01	C-745-K South A	Thorium-230	1/9/2001	0.286		pCi/g
EF01-01	C-745-K South A	Thorium-232	1/5/2001	0.0831		pCi/g
EF01-01	C-745-K South B	Thorium-232	1/9/2001	0.447		pCi/g
EF01-01	C-745-K South A	Thorium-232	1/9/2001	0.329		pCi/g
EF01-01	C-745-K South D	Thorium-232	1/9/2001	0.252		pCi/g
EF01-01	C-745-K South A	Thorium-232	1/9/2001	0.267		pCi/g
EF01-01	C-745-K South D	Thorium-232	1/9/2001	0.316		pCi/g
EF01-01	C-745-K South C	Thorium-232	1/9/2001	0.361		pCi/g
EF01-01	C-745-K South D	Uranium	1/5/2001	0.919		pCi/g
EF01-01	C-745-K South A	Uranium	1/9/2001	1.76		pCi/g
EF01-01	C-745-K South D	Uranium	1/9/2001	1.86		pCi/g
EF01-01	C-745-K South B	Uranium	1/9/2001	1.86		pCi/g
EF01-01	C-745-K South D	Uranium	1/9/2001	2.35		pCi/g
EF01-01	C-745-K South A	Uranium	1/9/2001	1.32		pCi/g
EF01-01	C-745-K South D	Uranium-234	1/5/2001	0.477		pCi/g
EF01-01	C-745-K South D	Uranium-234	1/9/2001	0.807		pCi/g
EF01-01	C-745-K South B	Uranium-234	1/9/2001	0.971		pCi/g
EF01-01	C-745-K South A	Uranium-234	1/9/2001	0.441		pCi/g

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-01	C-745-K South D	Uranium-234	1/9/2001	0.927		pCi/g
EF01-01	C-745-K South A	Uranium-234	1/9/2001	0.699		pCi/g
EF01-01	C-745-K South D	Uranium-235	1/5/2001	0.84		wt %
EF01-01	C-745-K South B	Uranium-235	1/9/2001	0.848		wt %
EF01-01	C-745-K South A	Uranium-235	1/9/2001	0.57		wt %
EF01-01	C-745-K South D	Uranium-235	1/9/2001	0.789		wt %
EF01-01	C-745-K South A	Uranium-235	1/9/2001	0.47		wt %
EF01-01	C-745-K South D	Uranium-235	1/9/2001	0.484		wt %
EF01-01	C-745-K South D	Uranium-238	1/5/2001	0.419		pCi/g
EF01-01	C-745-K South A	Uranium-238	1/9/2001	0.85		pCi/g
EF01-01	C-745-K South A	Uranium-238	1/9/2001	1.03		pCi/g
EF01-01	C-745-K South D	Uranium-238	1/9/2001	1.49		pCi/g
EF01-01	C-745-K South D	Uranium-238	1/9/2001	0.883		pCi/g
EF01-01	C-745-K South B	Uranium-238	1/9/2001	0.842		pCi/g
EF01-01	C-745-K South B	Vanadium	1/5/2001	4.61		mg/kg
EF01-01	C-745-K South D	Vanadium	1/5/2001	3.22		mg/kg
EF01-01	C-745-K South D	Vanadium	1/5/2001	3.17		mg/kg
EF01-01	C-745-K South C	Vanadium	1/5/2001	4.06		mg/kg
EF01-01	C-745-K South A	Vanadium	1/5/2001	8.3		mg/kg
EF01-01	C-745-K South A	Vanadium	1/5/2001	11		mg/kg
EF01-01	C-745-K South A	Vanadium	1/9/2001	19		mg/kg
EF01-01	C-745-K South C	Vanadium	1/9/2001	18.4		mg/kg
EF01-01	C-745-K South D	Vanadium	1/9/2001	23.9		mg/kg
EF01-01	C-745-K South A	Vanadium	1/9/2001	17.5		mg/kg
EF01-01	C-745-K South D	Vanadium	1/9/2001	16.2		mg/kg
EF01-01	C-745-K South B	Vanadium	1/9/2001	17.3		mg/kg
EF01-01	C-745-K South A	Zinc	1/5/2001	28.4		mg/kg
EF01-01	C-745-K South B	Zinc	1/5/2001	40.7		mg/kg
EF01-01	C-745-K South D	Zinc	1/5/2001	27.5		mg/kg
EF01-01	C-745-K South A	Zinc	1/5/2001	20.2		mg/kg
EF01-01	C-745-K South D	Zinc	1/5/2001	25		mg/kg
EF01-01	C-745-K South C	Zinc	1/5/2001	38.2		mg/kg
EF01-01	C-745-K South D	Zinc	1/9/2001	28.6		mg/kg
EF01-01	C-745-K South B	Zinc	1/9/2001	23.3		mg/kg
EF01-01	C-745-K South A	Zinc	1/9/2001	22.7		mg/kg
EF01-01	C-745-K South D	Zinc	1/9/2001	25.2		mg/kg
EF01-01	C-745-K South C	Zinc	1/9/2001	25.8		mg/kg
EF01-01	C-745-K South A	Zinc	1/9/2001	23.1		mg/kg
EF01-02	C-745-M Grid F	Activity of U-235	1/10/2001	0.0391		pCi/g
EF01-02	C-745-M Grid E	Activity of U-235	1/10/2001	0.057		pCi/g
EF01-02	C-745-M Grid H	Activity of U-235	1/10/2001	0.0271		pCi/g
EF01-02	C-745-M Grid E	Activity of U-235	1/10/2001	0.0827		pCi/g

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-02	C-745-M Grid B	Activity of U-235	1/10/2001	0.0388		pCi/g
EF01-02	C-745-M Grid A	Activity of U-235	1/10/2001	0.0392		pCi/g
EF01-02	C-745-M Grid F	Aluminum	1/10/2001	8810	N	mg/kg
EF01-02	C-745-M Grid A	Aluminum	1/10/2001	8780	N	mg/kg
EF01-02	C-745-M Grid D	Aluminum	1/10/2001	10500	N	mg/kg
EF01-02	C-745-M Grid H	Aluminum	1/10/2001	7450	N	mg/kg
EF01-02	C-745-M Grid G	Aluminum	1/10/2001	5980	N	mg/kg
EF01-02	C-745-M Grid E	Aluminum	1/10/2001	812	*N	mg/kg
EF01-02	C-745-M Grid B	Aluminum	1/10/2001	5540	N	mg/kg
EF01-02	C-745-M Grid E	Aluminum	1/10/2001	903	*N	mg/kg
EF01-02	C-745-M Grid E	Aluminum	1/10/2001	8230	N	mg/kg
EF01-02	C-745-M Grid B	Aluminum	1/10/2001	579	*N	mg/kg
EF01-02	C-745-M Grid B	Aluminum	1/10/2001	987	*N	mg/kg
EF01-02	C-745-M Grid F	Aluminum	1/10/2001	1030	*N	mg/kg
EF01-02	C-745-M Grid D	Aluminum	1/10/2001	1470	*N	mg/kg
EF01-02	C-745-M Grid E	Aluminum	1/10/2001	8030	N	mg/kg
EF01-02	C-745-M Grid G	Aluminum	1/10/2001	523	N	mg/kg
EF01-02	C-745-M Grid H	Aluminum	1/10/2001	2910	N	mg/kg
EF01-02	C-745-M Grid B	Aluminum	1/10/2001	9080	N	mg/kg
EF01-02	C-745-M Grid A	Aluminum	1/10/2001	934	*N	mg/kg
EF01-02	C-745-M Grid C	Aluminum	1/10/2001	8410	N	mg/kg
EF01-02	C-745-M Grid C	Aluminum	1/10/2001	838	*N	mg/kg
EF01-02	C-745-M Grid E	Arsenic	1/10/2001	6.05	W	mg/kg
EF01-02	C-745-M Grid E	Arsenic	1/10/2001	5.79	W	mg/kg
EF01-02	C-745-M Grid H	Arsenic	1/10/2001	6.68	W	mg/kg
EF01-02	C-745-M Grid D	Barium	1/10/2001	43.3	*N	mg/kg
EF01-02	C-745-M Grid A	Barium	1/10/2001	20	*N	mg/kg
EF01-02	C-745-M Grid F	Barium	1/10/2001	15.8	*N	mg/kg
EF01-02	C-745-M Grid C	Barium	1/10/2001	86.3		mg/kg
EF01-02	C-745-M Grid G	Barium	1/10/2001	16.2		mg/kg
EF01-02	C-745-M Grid E	Barium	1/10/2001	13.5	*N	mg/kg
EF01-02	C-745-M Grid D	Barium	1/10/2001	91.1		mg/kg
EF01-02	C-745-M Grid H	Barium	1/10/2001	57.8		mg/kg
EF01-02	C-745-M Grid E	Barium	1/10/2001	103		mg/kg
EF01-02	C-745-M Grid E	Barium	1/10/2001	12.3	*N	mg/kg
EF01-02	C-745-M Grid A	Barium	1/10/2001	73.5		mg/kg
EF01-02	C-745-M Grid H	Barium	1/10/2001	23.9		mg/kg
EF01-02	C-745-M Grid F	Barium	1/10/2001	78.6		mg/kg
EF01-02	C-745-M Grid B	Barium	1/10/2001	74.5		mg/kg
EF01-02	C-745-M Grid C	Barium	1/10/2001	27.8	*N	mg/kg
EF01-02	C-745-M Grid B	Barium	1/10/2001	61.4		mg/kg
EF01-02	C-745-M Grid G	Barium	1/10/2001	54		mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-02	C-745-M Grid B	Barium	1/10/2001	11.2	*N	mg/kg
EF01-02	C-745-M Grid B	Barium	1/10/2001	17.1	*N	mg/kg
EF01-02	C-745-M Grid E	Barium	1/10/2001	72.7		mg/kg
EF01-02	C-745-M Grid F	Calcium	1/10/2001	299000	*NW	mg/kg
EF01-02	C-745-M Grid B	Calcium	1/10/2001	322000	*NW	mg/kg
EF01-02	C-745-M Grid D	Calcium	1/10/2001	282000	*NW	mg/kg
EF01-02	C-745-M Grid H	Calcium	1/10/2001	78500	*NW	mg/kg
EF01-02	C-745-M Grid H	Calcium	1/10/2001	226000	*NW	mg/kg
EF01-02	C-745-M Grid A	Calcium	1/10/2001	19300	*NW	mg/kg
EF01-02	C-745-M Grid B	Calcium	1/10/2001	31600	*NW	mg/kg
EF01-02	C-745-M Grid F	Calcium	1/10/2001	3360	*NW	mg/kg
EF01-02	C-745-M Grid E	Calcium	1/10/2001	316000	*NW	mg/kg
EF01-02	C-745-M Grid G	Calcium	1/10/2001	313000	*NW	mg/kg
EF01-02	C-745-M Grid E	Calcium	1/10/2001	1720	*NW	mg/kg
EF01-02	C-745-M Grid E	Calcium	1/10/2001	4040	*NW	mg/kg
EF01-02	C-745-M Grid G	Calcium	1/10/2001	4470	*NW	mg/kg
EF01-02	C-745-M Grid D	Calcium	1/10/2001	23800	*NW	mg/kg
EF01-02	C-745-M Grid C	Calcium	1/10/2001	39200	*NW	mg/kg
EF01-02	C-745-M Grid B	Calcium	1/10/2001	322000	*NW	mg/kg
EF01-02	C-745-M Grid A	Calcium	1/10/2001	283000	*NW	mg/kg
EF01-02	C-745-M Grid B	Calcium	1/10/2001	26800	*NW	mg/kg
EF01-02	C-745-M Grid C	Calcium	1/10/2001	332000	*NW	mg/kg
EF01-02	C-745-M Grid E	Calcium	1/10/2001	299000	*NW	mg/kg
EF01-02	C-745-M Grid G	Cesium-137	1/10/2001	0.0684		pCi/g
EF01-02	C-745-M Grid E	Cesium-137	1/10/2001	0.0384		pCi/g
EF01-02	C-745-M Grid B	Cesium-137	1/10/2001	0.0438		pCi/g
EF01-02	C-745-M Grid H	Cesium-137	1/10/2001	0.0478		pCi/g
EF01-02	C-745-M Grid E	Cesium-137	1/10/2001	0.0787		pCi/g
EF01-02	C-745-M Grid D	Cesium-137	1/10/2001	0.0336		pCi/g
EF01-02	C-745-M Grid B	Cesium-137	1/10/2001	0.0492		pCi/g
EF01-02	C-745-M Grid A	Chromium	1/10/2001	3.79		mg/kg
EF01-02	C-745-M Grid F	Chromium	1/10/2001	10.2		mg/kg
EF01-02	C-745-M Grid E	Chromium	1/10/2001	8.62		mg/kg
EF01-02	C-745-M Grid G	Chromium	1/10/2001	5.05		mg/kg
EF01-02	C-745-M Grid C	Chromium	1/10/2001	9.49		mg/kg
EF01-02	C-745-M Grid H	Chromium	1/10/2001	6.17		mg/kg
EF01-02	C-745-M Grid D	Chromium	1/10/2001	10.5		mg/kg
EF01-02	C-745-M Grid B	Chromium	1/10/2001	10.3		mg/kg
EF01-02	C-745-M Grid E	Chromium	1/10/2001	9.01		mg/kg
EF01-02	C-745-M Grid E	Chromium	1/10/2001	6.61		mg/kg
EF01-02	C-745-M Grid D	Chromium	1/10/2001	5.17		mg/kg
EF01-02	C-745-M Grid E	Chromium	1/10/2001	5.6		mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-02	C-745-M Grid A	Chromium	1/10/2001	8.31		mg/kg
EF01-02	C-745-M Grid H	Chromium	1/10/2001	11.3		mg/kg
EF01-02	C-745-M Grid F	Chromium	1/10/2001	5.75		mg/kg
EF01-02	C-745-M Grid C	Chromium	1/10/2001	5.27		mg/kg
EF01-02	C-745-M Grid B	Chromium	1/10/2001	6.37		mg/kg
EF01-02	C-745-M Grid G	Chromium	1/10/2001	8.63		mg/kg
EF01-02	C-745-M Grid B	Chromium	1/10/2001	4.63		mg/kg
EF01-02	C-745-M Grid B	Chromium	1/10/2001	3.78		mg/kg
EF01-02	C-745-M Grid A	Cobalt	1/10/2001	4.9		mg/kg
EF01-02	C-745-M Grid B	Cobalt	1/10/2001	3.77		mg/kg
EF01-02	C-745-M Grid C	Cobalt	1/10/2001	4.31		mg/kg
EF01-02	C-745-M Grid E	Cobalt	1/10/2001	3.8		mg/kg
EF01-02	C-745-M Grid D	Cobalt	1/10/2001	5.57		mg/kg
EF01-02	C-745-M Grid E	Cobalt	1/10/2001	3.11		mg/kg
EF01-02	C-745-M Grid G	Cobalt	1/10/2001	4.35		mg/kg
EF01-02	C-745-M Grid B	Cobalt	1/10/2001	4.83		mg/kg
EF01-02	C-745-M Grid H	Cobalt	1/10/2001	3.98		mg/kg
EF01-02	C-745-M Grid F	Cobalt	1/10/2001	5.33		mg/kg
EF01-02	C-745-M Grid B	Copper	1/10/2001	4.12		mg/kg
EF01-02	C-745-M Grid G	Copper	1/10/2001	2.7		mg/kg
EF01-02	C-745-M Grid E	Copper	1/10/2001	4.79		mg/kg
EF01-02	C-745-M Grid C	Copper	1/10/2001	4.46		mg/kg
EF01-02	C-745-M Grid B	Copper	1/10/2001	5.32		mg/kg
EF01-02	C-745-M Grid C	Copper	1/10/2001	3.35		mg/kg
EF01-02	C-745-M Grid D	Copper	1/10/2001	6.58		mg/kg
EF01-02	C-745-M Grid F	Copper	1/10/2001	4.92		mg/kg
EF01-02	C-745-M Grid E	Copper	1/10/2001	4.5		mg/kg
EF01-02	C-745-M Grid H	Copper	1/10/2001	12.2		mg/kg
EF01-02	C-745-M Grid D	Copper	1/10/2001	2.63		mg/kg
EF01-02	C-745-M Grid H	Copper	1/10/2001	6.09		mg/kg
EF01-02	C-745-M Grid F	Copper	1/10/2001	4.6		mg/kg
EF01-02	C-745-M Grid A	Copper	1/10/2001	6.88		mg/kg
EF01-02	C-745-M Grid A	Iron	1/10/2001	1530	*NW	mg/kg
EF01-02	C-745-M Grid F	Iron	1/10/2001	2870	*NW	mg/kg
EF01-02	C-745-M Grid B	Iron	1/10/2001	1450	*NW	mg/kg
EF01-02	C-745-M Grid H	Iron	1/10/2001	10200	*NW	mg/kg
EF01-02	C-745-M Grid B	Iron	1/10/2001	1500	*NW	mg/kg
EF01-02	C-745-M Grid E	Iron	1/10/2001	1700	*NW	mg/kg
EF01-02	C-745-M Grid A	Iron	1/10/2001	15800	*NW	mg/kg
EF01-02	C-745-M Grid D	Iron	1/10/2001	12700	*NW	mg/kg
EF01-02	C-745-M Grid G	Iron	1/10/2001	1600	*NW	mg/kg
EF01-02	C-745-M Grid E	Iron	1/10/2001	11400	*NW	mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-02	C-745-M Grid D	Iron	1/10/2001	2650	*NW	mg/kg
EF01-02	C-745-M Grid H	Iron	1/10/2001	4430	*NW	mg/kg
EF01-02	C-745-M Grid B	Iron	1/10/2001	11300	*NW	mg/kg
EF01-02	C-745-M Grid E	Iron	1/10/2001	10000	*NW	mg/kg
EF01-02	C-745-M Grid C	Iron	1/10/2001	10400	*NW	mg/kg
EF01-02	C-745-M Grid B	Iron	1/10/2001	11300	*NW	mg/kg
EF01-02	C-745-M Grid F	Iron	1/10/2001	12200	*NW	mg/kg
EF01-02	C-745-M Grid G	Iron	1/10/2001	11600	*NW	mg/kg
EF01-02	C-745-M Grid C	Iron	1/10/2001	1830	*NW	mg/kg
EF01-02	C-745-M Grid E	Iron	1/10/2001	1710	*NW	mg/kg
EF01-02	C-745-M Grid H	Lead	1/10/2001	28.5		mg/kg
EF01-02	C-745-M Grid E	Lithium	1/10/2001	5.37		mg/kg
EF01-02	C-745-M Grid E	Lithium	1/10/2001	5.43		mg/kg
EF01-02	C-745-M Grid F	Lithium	1/10/2001	5.88		mg/kg
EF01-02	C-745-M Grid A	Lithium	1/10/2001	5.38		mg/kg
EF01-02	C-745-M Grid H	Lithium	1/10/2001	6.1		mg/kg
EF01-02	C-745-M Grid C	Lithium	1/10/2001	5.82		mg/kg
EF01-02	C-745-M Grid B	Lithium	1/10/2001	6.22		mg/kg
EF01-02	C-745-M Grid D	Lithium	1/10/2001	6.67		mg/kg
EF01-02	C-745-M Grid C	Magnesium	1/10/2001	3810	*NW	mg/kg
EF01-02	C-745-M Grid F	Magnesium	1/10/2001	4410	*NW	mg/kg
EF01-02	C-745-M Grid E	Magnesium	1/10/2001	12900	*NW	mg/kg
EF01-02	C-745-M Grid E	Magnesium	1/10/2001	675	*NW	mg/kg
EF01-02	C-745-M Grid F	Magnesium	1/10/2001	1030	*NW	mg/kg
EF01-02	C-745-M Grid E	Magnesium	1/10/2001	843		mg/kg
EF01-02	C-745-M Grid B	Magnesium	1/10/2001	2100	*NW	mg/kg
EF01-02	C-745-M Grid H	Magnesium	1/10/2001	3870	*NW	mg/kg
EF01-02	C-745-M Grid G	Magnesium	1/10/2001	878	*NW	mg/kg
EF01-02	C-745-M Grid E	Magnesium	1/10/2001	4940	*NW	mg/kg
EF01-02	C-745-M Grid D	Magnesium	1/10/2001	5180	*NW	mg/kg
EF01-02	C-745-M Grid B	Magnesium	1/10/2001	3370	*NW	mg/kg
EF01-02	C-745-M Grid B	Magnesium	1/10/2001	3770	*NW	mg/kg
EF01-02	C-745-M Grid A	Magnesium	1/10/2001	1600	*NW	mg/kg
EF01-02	C-745-M Grid A	Magnesium	1/10/2001	5360	*NW	mg/kg
EF01-02	C-745-M Grid D	Magnesium	1/10/2001	1810	*NW	mg/kg
EF01-02	C-745-M Grid H	Magnesium	1/10/2001	3350	*NW	mg/kg
EF01-02	C-745-M Grid B	Magnesium	1/10/2001	1140	*NW	mg/kg
EF01-02	C-745-M Grid G	Magnesium	1/10/2001	4100	*NW	mg/kg
EF01-02	C-745-M Grid C	Magnesium	1/10/2001	1610	*NW	mg/kg
EF01-02	C-745-M Grid E	Manganese	1/10/2001	42.3	*N	mg/kg
EF01-02	C-745-M Grid D	Manganese	1/10/2001	414		mg/kg
EF01-02	C-745-M Grid E	Manganese	1/10/2001	484		mg/kg

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EF01-02	C-745-M Grid G	Manganese	1/10/2001	51.4		mg/kg
EF01-02	C-745-M Grid H	Manganese	1/10/2001	112		mg/kg
EF01-02	C-745-M Grid F	Manganese	1/10/2001	311		mg/kg
EF01-02	C-745-M Grid F	Manganese	1/10/2001	68.1	*N	mg/kg
EF01-02	C-745-M Grid B	Manganese	1/10/2001	291		mg/kg
EF01-02	C-745-M Grid A	Manganese	1/10/2001	370		mg/kg
EF01-02	C-745-M Grid B	Manganese	1/10/2001	51.6	*N	mg/kg
EF01-02	C-745-M Grid E	Manganese	1/10/2001	59.5	*N	mg/kg
EF01-02	C-745-M Grid B	Manganese	1/10/2001	289		mg/kg
EF01-02	C-745-M Grid E	Manganese	1/10/2001	199		mg/kg
EF01-02	C-745-M Grid A	Manganese	1/10/2001	63.2	*N	mg/kg
EF01-02	C-745-M Grid G	Manganese	1/10/2001	205		mg/kg
EF01-02	C-745-M Grid C	Manganese	1/10/2001	54.6	*N	mg/kg
EF01-02	C-745-M Grid C	Manganese	1/10/2001	228		mg/kg
EF01-02	C-745-M Grid H	Manganese	1/10/2001	283		mg/kg
EF01-02	C-745-M Grid B	Manganese	1/10/2001	88.1	*N	mg/kg
EF01-02	C-745-M Grid D	Manganese	1/10/2001	148	*N	mg/kg
EF01-02	C-745-M Grid C	Nickel	1/10/2001	10.1		mg/kg
EF01-02	C-745-M Grid D	Nickel	1/10/2001	12		mg/kg
EF01-02	C-745-M Grid C	Nickel	1/10/2001	5.94		mg/kg
EF01-02	C-745-M Grid B	Nickel	1/10/2001	8.25		mg/kg
EF01-02	C-745-M Grid E	Nickel	1/10/2001	5.56		mg/kg
EF01-02	C-745-M Grid F	Nickel	1/10/2001	7		mg/kg
EF01-02	C-745-M Grid G	Nickel	1/10/2001	9.16		mg/kg
EF01-02	C-745-M Grid H	Nickel	1/10/2001	11.9		mg/kg
EF01-02	C-745-M Grid G	Nickel	1/10/2001	6.5		mg/kg
EF01-02	C-745-M Grid A	Nickel	1/10/2001	13		mg/kg
EF01-02	C-745-M Grid B	Nickel	1/10/2001	10.5		mg/kg
EF01-02	C-745-M Grid H	Nickel	1/10/2001	8.96		mg/kg
EF01-02	C-745-M Grid F	Nickel	1/10/2001	11.2		mg/kg
EF01-02	C-745-M Grid E	Nickel	1/10/2001	8.84		mg/kg
EF01-02	C-745-M Grid D	Nickel	1/10/2001	6.31		mg/kg
EF01-02	C-745-M Grid E	Nickel	1/10/2001	7.45		mg/kg
EF01-02	C-745-M Grid E	Nickel	1/10/2001	6.78		mg/kg
EF01-02	C-745-M Grid H	Technetium-99	1/10/2001	4.2		pCi/g
EF01-02	C-745-M Grid G	Technetium-99	1/10/2001	2.93		pCi/g
EF01-02	C-745-M Grid D	Technetium-99	1/10/2001	3.34		pCi/g
EF01-02	C-745-M Grid E	Technetium-99	1/10/2001	3.45		pCi/g
EF01-02	C-745-M Grid C	Technetium-99	1/10/2001	2.82		pCi/g
EF01-02	C-745-M Grid H	Thorium-228	1/10/2001	0.371		pCi/g
EF01-02	C-745-M Grid F	Thorium-228	1/10/2001	0.339		pCi/g
EF01-02	C-745-M Grid A	Thorium-228	1/10/2001	0.148	T	pCi/g

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EF01-02	C-745-M Grid A	Thorium-228	1/10/2001	0.257		pCi/g
EF01-02	C-745-M Grid D	Thorium-228	1/10/2001	0.316		pCi/g
EF01-02	C-745-M Grid C	Thorium-228	1/10/2001	0.317		pCi/g
EF01-02	C-745-M Grid G	Thorium-228	1/10/2001	0.308		pCi/g
EF01-02	C-745-M Grid E	Thorium-228	1/10/2001	0.38		pCi/g
EF01-02	C-745-M Grid B	Thorium-228	1/10/2001	0.384		pCi/g
EF01-02	C-745-M Grid B	Thorium-228	1/10/2001	0.261		pCi/g
EF01-02	C-745-M Grid E	Thorium-228	1/10/2001	0.375		pCi/g
EF01-02	C-745-M Grid G	Thorium-230	1/10/2001	0.26		pCi/g
EF01-02	C-745-M Grid C	Thorium-230	1/10/2001	0.292		pCi/g
EF01-02	C-745-M Grid E	Thorium-230	1/10/2001	0.372		pCi/g
EF01-02	C-745-M Grid E	Thorium-230	1/10/2001	0.257		pCi/g
EF01-02	C-745-M Grid A	Thorium-230	1/10/2001	0.403		pCi/g
EF01-02	C-745-M Grid H	Thorium-230	1/10/2001	0.309		pCi/g
EF01-02	C-745-M Grid B	Thorium-230	1/10/2001	0.285		pCi/g
EF01-02	C-745-M Grid D	Thorium-230	1/10/2001	0.296		pCi/g
EF01-02	C-745-M Grid B	Thorium-230	1/10/2001	0.279		pCi/g
EF01-02	C-745-M Grid F	Thorium-230	1/10/2001	0.313		pCi/g
EF01-02	C-745-M Grid C	Thorium-232	1/10/2001	0.304		pCi/g
EF01-02	C-745-M Grid D	Thorium-232	1/10/2001	0.341		pCi/g
EF01-02	C-745-M Grid E	Thorium-232	1/10/2001	0.432		pCi/g
EF01-02	C-745-M Grid B	Thorium-232	1/10/2001	0.231		pCi/g
EF01-02	C-745-M Grid H	Thorium-232	1/10/2001	0.246		pCi/g
EF01-02	C-745-M Grid F	Thorium-232	1/10/2001	0.395		pCi/g
EF01-02	C-745-M Grid E	Thorium-232	1/10/2001	0.353		pCi/g
EF01-02	C-745-M Grid B	Thorium-232	1/10/2001	0.394		pCi/g
EF01-02	C-745-M Grid A	Thorium-232	1/10/2001	0.248		pCi/g
EF01-02	C-745-M Grid G	Thorium-232	1/10/2001	0.319		pCi/g
EF01-02	C-745-M Grid E	Uranium	1/10/2001	3.59		pCi/g
EF01-02	C-745-M Grid E	Uranium	1/10/2001	2.57		pCi/g
EF01-02	C-745-M Grid B	Uranium	1/10/2001	1.83		pCi/g
EF01-02	C-745-M Grid H	Uranium	1/10/2001	1.86		pCi/g
EF01-02	C-745-M Grid F	Uranium	1/10/2001	1.74		pCi/g
EF01-02	C-745-M Grid A	Uranium	1/10/2001	1.65		pCi/g
EF01-02	C-745-M Grid B	Uranium-234	1/10/2001	0.713		pCi/g
EF01-02	C-745-M Grid E	Uranium-234	1/10/2001	1.09		pCi/g
EF01-02	C-745-M Grid H	Uranium-234	1/10/2001	0.322		pCi/g
EF01-02	C-745-M Grid E	Uranium-234	1/10/2001	1.62		pCi/g
EF01-02	C-745-M Grid A	Uranium-234	1/10/2001	0.789		pCi/g
EF01-02	C-745-M Grid F	Uranium-234	1/10/2001	0.752		pCi/g
EF01-02	C-745-M Grid B	Uranium-235	1/10/2001	0.558		wt %
EF01-02	C-745-M Grid E	Uranium-235	1/10/2001	0.618		wt %

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-02	C-745-M Grid E	Uranium-235	1/10/2001	0.678		wt %
EF01-02	C-745-M Grid F	Uranium-235	1/10/2001	0.636		wt %
EF01-02	C-745-M Grid H	Uranium-235	1/10/2001	0.278		wt %
EF01-02	C-745-M Grid A	Uranium-235	1/10/2001	0.739		wt %
EF01-02	C-745-M Grid F	Uranium-238	1/10/2001	0.95		pCi/g
EF01-02	C-745-M Grid E	Uranium-238	1/10/2001	1.43		pCi/g
EF01-02	C-745-M Grid B	Uranium-238	1/10/2001	1.08		pCi/g
EF01-02	C-745-M Grid H	Uranium-238	1/10/2001	1.51		pCi/g
EF01-02	C-745-M Grid A	Uranium-238	1/10/2001	0.818		pCi/g
EF01-02	C-745-M Grid E	Uranium-238	1/10/2001	1.88		pCi/g
EF01-02	C-745-M Grid D	Vanadium	1/10/2001	4.91		mg/kg
EF01-02	C-745-M Grid C	Vanadium	1/10/2001	3.45		mg/kg
EF01-02	C-745-M Grid B	Vanadium	1/10/2001	4.46		mg/kg
EF01-02	C-745-M Grid D	Vanadium	1/10/2001	20.4		mg/kg
EF01-02	C-745-M Grid E	Vanadium	1/10/2001	3.54		mg/kg
EF01-02	C-745-M Grid E	Vanadium	1/10/2001	4.12		mg/kg
EF01-02	C-745-M Grid F	Vanadium	1/10/2001	4.6		mg/kg
EF01-02	C-745-M Grid G	Vanadium	1/10/2001	3.44		mg/kg
EF01-02	C-745-M Grid H	Vanadium	1/10/2001	8.2		mg/kg
EF01-02	C-745-M Grid B	Vanadium	1/10/2001	2.93		mg/kg
EF01-02	C-745-M Grid G	Vanadium	1/10/2001	16.1		mg/kg
EF01-02	C-745-M Grid B	Vanadium	1/10/2001	14		mg/kg
EF01-02	C-745-M Grid E	Vanadium	1/10/2001	20.6		mg/kg
EF01-02	C-745-M Grid H	Vanadium	1/10/2001	16.9		mg/kg
EF01-02	C-745-M Grid F	Vanadium	1/10/2001	19.2		mg/kg
EF01-02	C-745-M Grid B	Vanadium	1/10/2001	20		mg/kg
EF01-02	C-745-M Grid A	Vanadium	1/10/2001	2.77		mg/kg
EF01-02	C-745-M Grid C	Vanadium	1/10/2001	18.9		mg/kg
EF01-02	C-745-M Grid A	Vanadium	1/10/2001	19.5		mg/kg
EF01-02	C-745-M Grid E	Vanadium	1/10/2001	21.5		mg/kg
EF01-02	C-745-M Grid F	Zinc	1/10/2001	25.8		mg/kg
EF01-02	C-745-M Grid E	Zinc	1/10/2001	26.4		mg/kg
EF01-02	C-745-M Grid C	Zinc	1/10/2001	23.7		mg/kg
EF01-02	C-745-M Grid A	Zinc	1/10/2001	30		mg/kg
EF01-02	C-745-M Grid C	Zinc	1/10/2001	30.5		mg/kg
EF01-02	C-745-M Grid G	Zinc	1/10/2001	31.5		mg/kg
EF01-02	C-745-M Grid B	Zinc	1/10/2001	29.6		mg/kg
EF01-02	C-745-M Grid H	Zinc	1/10/2001	38		mg/kg
EF01-02	C-745-M Grid D	Zinc	1/10/2001	20.2		mg/kg
EF01-02	C-745-M Grid H	Zinc	1/10/2001	35.3		mg/kg
EF01-02	C-745-M Grid B	Zinc	1/10/2001	25.3		mg/kg
EF01-02	C-745-M Grid D	Zinc	1/10/2001	36.5		mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-02	C-745-M Grid G	Zinc	1/10/2001	21.8		mg/kg
EF01-03	C-745-K North B	Activity of U-235	1/12/2001	0.0209		pCi/g
EF01-03	C-745-K North E	Activity of U-235	1/16/2001	0.0484		pCi/g
EF01-03	C-745-K North D	Activity of U-235	1/16/2001	0.028		pCi/g
EF01-03	C-745-K North F	Activity of U-235	1/16/2001	0.041		pCi/g
EF01-03	C-745-K North C	Aluminum	1/12/2001	296	N	mg/kg
EF01-03	C-745-K North G	Aluminum	1/12/2001	1490	N	mg/kg
EF01-03	C-745-K North F	Aluminum	1/12/2001	369	N	mg/kg
EF01-03	C-745-K North D	Aluminum	1/12/2001	385	N	mg/kg
EF01-03	C-745-K North H	Aluminum	1/12/2001	1580	N	mg/kg
EF01-03	C-745-K North B	Aluminum	1/12/2001	412	N	mg/kg
EF01-03	C-745-K North H	Aluminum	1/12/2001	749	N	mg/kg
EF01-03	C-745-K North C	Aluminum	1/12/2001	511	N	mg/kg
EF01-03	C-745-K North E	Aluminum	1/12/2001	1570	N	mg/kg
EF01-03	C-745-K North A	Aluminum	1/12/2001	1460	N	mg/kg
EF01-03	C-745-K North A	Aluminum	1/16/2001	9830	N	mg/kg
EF01-03	C-745-K North C	Aluminum	1/16/2001	8770	N	mg/kg
EF01-03	C-745-K North E	Aluminum	1/16/2001	9160	N	mg/kg
EF01-03	C-745-K North D	Aluminum	1/16/2001	6330	N	mg/kg
EF01-03	C-745-K North H	Aluminum	1/16/2001	9870	N	mg/kg
EF01-03	C-745-K North F	Aluminum	1/16/2001	10500	N	mg/kg
EF01-03	C-745-K North G	Aluminum	1/16/2001	8890	N	mg/kg
EF01-03	C-745-K North H	Aluminum	1/16/2001	9230	N	mg/kg
EF01-03	C-745-K North C	Aluminum	1/16/2001	7010	N	mg/kg
EF01-03	C-745-K North B	Aluminum	1/16/2001	9400	N	mg/kg
EF01-03	C-745-K North C	Arsenic	1/16/2001	5.03	W	mg/kg
EF01-03	C-745-K North D	Arsenic	1/16/2001	7	W	mg/kg
EF01-03	C-745-K North F	Arsenic	1/16/2001	10.5	W	mg/kg
EF01-03	C-745-K North C	Arsenic	1/16/2001	10.6	W	mg/kg
EF01-03	C-745-K North E	Arsenic	1/16/2001	6.15	W	mg/kg
EF01-03	C-745-K North B	Arsenic	1/16/2001	5.74	W	mg/kg
EF01-03	C-745-K North A	Arsenic	1/16/2001	5.87	W	mg/kg
EF01-03	C-745-K North G	Barium	1/12/2001	43.2		mg/kg
EF01-03	C-745-K North H	Barium	1/12/2001	16.7	N	mg/kg
EF01-03	C-745-K North H	Barium	1/12/2001	18.8	N	mg/kg
EF01-03	C-745-K North A	Barium	1/12/2001	45.2		mg/kg
EF01-03	C-745-K North B	Barium	1/12/2001	7.94		mg/kg
EF01-03	C-745-K North F	Barium	1/12/2001	5.87		mg/kg
EF01-03	C-745-K North E	Barium	1/12/2001	98.2		mg/kg
EF01-03	C-745-K North C	Barium	1/12/2001	14.6		mg/kg
EF01-03	C-745-K North C	Barium	1/12/2001	12.3		mg/kg
EF01-03	C-745-K North E	Barium	1/16/2001	81.3	N	mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-03	C-745-K North A	Barium	1/16/2001	70.5	N	mg/kg
EF01-03	C-745-K North C	Barium	1/16/2001	77.1	N	mg/kg
EF01-03	C-745-K North D	Barium	1/16/2001	70.2	N	mg/kg
EF01-03	C-745-K North F	Barium	1/16/2001	72.7	N	mg/kg
EF01-03	C-745-K North G	Barium	1/16/2001	57.5	N	mg/kg
EF01-03	C-745-K North H	Barium	1/16/2001	60.2	N	mg/kg
EF01-03	C-745-K North H	Barium	1/16/2001	72.3	N	mg/kg
EF01-03	C-745-K North B	Barium	1/16/2001	70.5	N	mg/kg
EF01-03	C-745-K North C	Barium	1/16/2001	75.6	N	mg/kg
EF01-03	C-745-K North C	Beryllium	1/16/2001	0.574		mg/kg
EF01-03	C-745-K North D	Beryllium	1/16/2001	0.638		mg/kg
EF01-03	C-745-K North E	Beryllium	1/16/2001	0.6		mg/kg
EF01-03	C-745-K North B	Beryllium	1/16/2001	0.684		mg/kg
EF01-03	C-745-K North G	Calcium	1/12/2001	306000	*NW	mg/kg
EF01-03	C-745-K North F	Calcium	1/12/2001	334000	*NW	mg/kg
EF01-03	C-745-K North A	Calcium	1/12/2001	290000	*NW	mg/kg
EF01-03	C-745-K North C	Calcium	1/12/2001	332000	*NW	mg/kg
EF01-03	C-745-K North E	Calcium	1/12/2001	294000	*NW	mg/kg
EF01-03	C-745-K North H	Calcium	1/12/2001	322000	NW	mg/kg
EF01-03	C-745-K North C	Calcium	1/12/2001	316000	*NW	mg/kg
EF01-03	C-745-K North D	Calcium	1/12/2001	329000	*NW	mg/kg
EF01-03	C-745-K North H	Calcium	1/12/2001	304000	NW	mg/kg
EF01-03	C-745-K North B	Calcium	1/12/2001	289000	*NW	mg/kg
EF01-03	C-745-K North B	Calcium	1/16/2001	10900	NW	mg/kg
EF01-03	C-745-K North H	Calcium	1/16/2001	20400	NW	mg/kg
EF01-03	C-745-K North C	Calcium	1/16/2001	15500	NW	mg/kg
EF01-03	C-745-K North A	Calcium	1/16/2001	34800	NW	mg/kg
EF01-03	C-745-K North E	Calcium	1/16/2001	9420	NW	mg/kg
EF01-03	C-745-K North D	Calcium	1/16/2001	2850	NW	mg/kg
EF01-03	C-745-K North F	Calcium	1/16/2001	29500	NW	mg/kg
EF01-03	C-745-K North C	Calcium	1/16/2001	17100	NW	mg/kg
EF01-03	C-745-K North G	Calcium	1/16/2001	398000	NW	mg/kg
EF01-03	C-745-K North H	Calcium	1/16/2001	32400	NW	mg/kg
EF01-03	C-745-K North F	Cesium-137	1/12/2001	0.0154		pCi/g
EF01-03	C-745-K North H	Cesium-137	1/16/2001	0.0374		pCi/g
EF01-03	C-745-K North D	Cesium-137	1/16/2001	0.0658		pCi/g
EF01-03	C-745-K North D	Chromium	1/12/2001	19.5		mg/kg
EF01-03	C-745-K North E	Chromium	1/12/2001	11.7		mg/kg
EF01-03	C-745-K North H	Chromium	1/12/2001	6.82		mg/kg
EF01-03	C-745-K North G	Chromium	1/12/2001	8.1		mg/kg
EF01-03	C-745-K North C	Chromium	1/12/2001	29.4		mg/kg
EF01-03	C-745-K North H	Chromium	1/12/2001	6.54		mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-03	C-745-K North C	Chromium	1/12/2001	12.3		mg/kg
EF01-03	C-745-K North F	Chromium	1/12/2001	10.4		mg/kg
EF01-03	C-745-K North B	Chromium	1/12/2001	18.6		mg/kg
EF01-03	C-745-K North A	Chromium	1/12/2001	11.6		mg/kg
EF01-03	C-745-K North E	Chromium	1/16/2001	13.6		mg/kg
EF01-03	C-745-K North D	Chromium	1/16/2001	9.7		mg/kg
EF01-03	C-745-K North B	Chromium	1/16/2001	11.3		mg/kg
EF01-03	C-745-K North F	Chromium	1/16/2001	13		mg/kg
EF01-03	C-745-K North H	Chromium	1/16/2001	10.5		mg/kg
EF01-03	C-745-K North C	Chromium	1/16/2001	10.3		mg/kg
EF01-03	C-745-K North A	Chromium	1/16/2001	11.3		mg/kg
EF01-03	C-745-K North C	Chromium	1/16/2001	9.65		mg/kg
EF01-03	C-745-K North G	Chromium	1/16/2001	9.46		mg/kg
EF01-03	C-745-K North H	Chromium	1/16/2001	14.7		mg/kg
EF01-03	C-745-K North F	Cobalt	1/16/2001	5.87	N	mg/kg
EF01-03	C-745-K North G	Cobalt	1/16/2001	2.62	N	mg/kg
EF01-03	C-745-K North H	Cobalt	1/16/2001	5.73	N	mg/kg
EF01-03	C-745-K North C	Cobalt	1/16/2001	7.46	N	mg/kg
EF01-03	C-745-K North C	Cobalt	1/16/2001	6.07	N	mg/kg
EF01-03	C-745-K North A	Cobalt	1/16/2001	4.55	N	mg/kg
EF01-03	C-745-K North H	Cobalt	1/16/2001	5.73	N	mg/kg
EF01-03	C-745-K North E	Cobalt	1/16/2001	8.74	N	mg/kg
EF01-03	C-745-K North D	Cobalt	1/16/2001	7.21	N	mg/kg
EF01-03	C-745-K North B	Cobalt	1/16/2001	6.84	N	mg/kg
EF01-03	C-745-K North D	Copper	1/12/2001	3.33		mg/kg
EF01-03	C-745-K North A	Copper	1/12/2001	2.65		mg/kg
EF01-03	C-745-K North H	Copper	1/12/2001	3.31		mg/kg
EF01-03	C-745-K North F	Copper	1/12/2001	2.83		mg/kg
EF01-03	C-745-K North C	Copper	1/12/2001	5.22		mg/kg
EF01-03	C-745-K North B	Copper	1/12/2001	3.52		mg/kg
EF01-03	C-745-K North G	Copper	1/16/2001	2.62		mg/kg
EF01-03	C-745-K North H	Copper	1/16/2001	5.92		mg/kg
EF01-03	C-745-K North C	Copper	1/16/2001	4.97		mg/kg
EF01-03	C-745-K North B	Copper	1/16/2001	10.2		mg/kg
EF01-03	C-745-K North F	Copper	1/16/2001	5.77		mg/kg
EF01-03	C-745-K North C	Copper	1/16/2001	9.92		mg/kg
EF01-03	C-745-K North H	Copper	1/16/2001	9.4		mg/kg
EF01-03	C-745-K North D	Copper	1/16/2001	7.4		mg/kg
EF01-03	C-745-K North A	Copper	1/16/2001	4.73		mg/kg
EF01-03	C-745-K North E	Copper	1/16/2001	11.3		mg/kg
EF01-03	C-745-K North C	Iron	1/12/2001	13400	*NW	mg/kg
EF01-03	C-745-K North F	Iron	1/12/2001	5470	*NW	mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-03	C-745-K North A	Iron	1/12/2001	4530	*NW	mg/kg
EF01-03	C-745-K North D	Iron	1/12/2001	4680	*NW	mg/kg
EF01-03	C-745-K North C	Iron	1/12/2001	3580	*NW	mg/kg
EF01-03	C-745-K North H	Iron	1/12/2001	3090	N	mg/kg
EF01-03	C-745-K North B	Iron	1/12/2001	6550	*NW	mg/kg
EF01-03	C-745-K North E	Iron	1/12/2001	3490	*NW	mg/kg
EF01-03	C-745-K North H	Iron	1/12/2001	4770	NW	mg/kg
EF01-03	C-745-K North G	Iron	1/12/2001	3120	*NW	mg/kg
EF01-03	C-745-K North C	Iron	1/16/2001	16600	NW	mg/kg
EF01-03	C-745-K North D	Iron	1/16/2001	15200	NW	mg/kg
EF01-03	C-745-K North C	Iron	1/16/2001	10700	NW	mg/kg
EF01-03	C-745-K North G	Iron	1/16/2001	6320	NW	mg/kg
EF01-03	C-745-K North B	Iron	1/16/2001	19200	NW	mg/kg
EF01-03	C-745-K North A	Iron	1/16/2001	10200	NW	mg/kg
EF01-03	C-745-K North H	Iron	1/16/2001	14500	NW	mg/kg
EF01-03	C-745-K North H	Iron	1/16/2001	13000	NW	mg/kg
EF01-03	C-745-K North E	Iron	1/16/2001	16400	NW	mg/kg
EF01-03	C-745-K North F	Iron	1/16/2001	13300	NW	mg/kg
EF01-03	C-745-K North B	Lead	1/12/2001	20.8		mg/kg
EF01-03	C-745-K North D	Lead	1/12/2001	40.3		mg/kg
EF01-03	C-745-K North C	Lead	1/12/2001	60.2		mg/kg
EF01-03	C-745-K North E	Lithium	1/12/2001	10.9		mg/kg
EF01-03	C-745-K North A	Lithium	1/12/2001	6.41		mg/kg
EF01-03	C-745-K North G	Lithium	1/12/2001	7.84		mg/kg
EF01-03	C-745-K North E	Lithium	1/16/2001	6.51		mg/kg
EF01-03	C-745-K North C	Lithium	1/16/2001	6.39		mg/kg
EF01-03	C-745-K North C	Lithium	1/16/2001	5.17		mg/kg
EF01-03	C-745-K North A	Lithium	1/16/2001	7.74		mg/kg
EF01-03	C-745-K North B	Lithium	1/16/2001	6.75		mg/kg
EF01-03	C-745-K North H	Lithium	1/16/2001	7.61		mg/kg
EF01-03	C-745-K North H	Lithium	1/16/2001	6.75		mg/kg
EF01-03	C-745-K North F	Lithium	1/16/2001	7.45		mg/kg
EF01-03	C-745-K North B	Magnesium	1/12/2001	4900	*NW	mg/kg
EF01-03	C-745-K North A	Magnesium	1/12/2001	6970	*NW	mg/kg
EF01-03	C-745-K North H	Magnesium	1/12/2001	3500	NW	mg/kg
EF01-03	C-745-K North E	Magnesium	1/12/2001	7910	*NW	mg/kg
EF01-03	C-745-K North C	Magnesium	1/12/2001	5190	*NW	mg/kg
EF01-03	C-745-K North F	Magnesium	1/12/2001	4070	*NW	mg/kg
EF01-03	C-745-K North C	Magnesium	1/12/2001	5620	*NW	mg/kg
EF01-03	C-745-K North G	Magnesium	1/12/2001	5960	*NW	mg/kg
EF01-03	C-745-K North H	Magnesium	1/12/2001	7080	N	mg/kg
EF01-03	C-745-K North D	Magnesium	1/12/2001	4660	*NW	mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-03	C-745-K North C	Magnesium	1/16/2001	1370	NW	mg/kg
EF01-03	C-745-K North H	Magnesium	1/16/2001	1880	NW	mg/kg
EF01-03	C-745-K North H	Magnesium	1/16/2001	1660	NW	mg/kg
EF01-03	C-745-K North E	Magnesium	1/16/2001	1480	NW	mg/kg
EF01-03	C-745-K North D	Magnesium	1/16/2001	727	NW	mg/kg
EF01-03	C-745-K North B	Magnesium	1/16/2001	1400	NW	mg/kg
EF01-03	C-745-K North G	Magnesium	1/16/2001	3220	NW	mg/kg
EF01-03	C-745-K North C	Magnesium	1/16/2001	1240	NW	mg/kg
EF01-03	C-745-K North A	Magnesium	1/16/2001	2690	NW	mg/kg
EF01-03	C-745-K North F	Magnesium	1/16/2001	1730	NW	mg/kg
EF01-03	C-745-K North D	Manganese	1/12/2001	92.3		mg/kg
EF01-03	C-745-K North H	Manganese	1/12/2001	73.1	NW	mg/kg
EF01-03	C-745-K North C	Manganese	1/12/2001	48.2		mg/kg
EF01-03	C-745-K North H	Manganese	1/12/2001	82.7	N	mg/kg
EF01-03	C-745-K North C	Manganese	1/12/2001	111		mg/kg
EF01-03	C-745-K North G	Manganese	1/12/2001	78.7		mg/kg
EF01-03	C-745-K North B	Manganese	1/12/2001	71.9		mg/kg
EF01-03	C-745-K North F	Manganese	1/12/2001	59.9		mg/kg
EF01-03	C-745-K North A	Manganese	1/12/2001	85		mg/kg
EF01-03	C-745-K North E	Manganese	1/12/2001	74.9		mg/kg
EF01-03	C-745-K North G	Manganese	1/16/2001	368	NW	mg/kg
EF01-03	C-745-K North C	Manganese	1/16/2001	629	NW	mg/kg
EF01-03	C-745-K North F	Manganese	1/16/2001	632	NW	mg/kg
EF01-03	C-745-K North H	Manganese	1/16/2001	355	NW	mg/kg
EF01-03	C-745-K North H	Manganese	1/16/2001	502	NW	mg/kg
EF01-03	C-745-K North D	Manganese	1/16/2001	887	NW	mg/kg
EF01-03	C-745-K North A	Manganese	1/16/2001	493	NW	mg/kg
EF01-03	C-745-K North C	Manganese	1/16/2001	739	NW	mg/kg
EF01-03	C-745-K North E	Manganese	1/16/2001	925	NW	mg/kg
EF01-03	C-745-K North B	Manganese	1/16/2001	872	NW	mg/kg
EF01-03	C-745-K North C	Mercury	1/16/2001	0.2		mg/kg
EF01-03	C-745-K North E	Nickel	1/12/2001	6.78		mg/kg
EF01-03	C-745-K North C	Nickel	1/12/2001	5.99		mg/kg
EF01-03	C-745-K North D	Nickel	1/12/2001	6.07		mg/kg
EF01-03	C-745-K North H	Nickel	1/12/2001	6.71		mg/kg
EF01-03	C-745-K North F	Nickel	1/12/2001	6.59		mg/kg
EF01-03	C-745-K North B	Nickel	1/12/2001	6.05		mg/kg
EF01-03	C-745-K North C	Nickel	1/12/2001	10.8		mg/kg
EF01-03	C-745-K North G	Nickel	1/12/2001	6.62		mg/kg
EF01-03	C-745-K North A	Nickel	1/12/2001	7.38		mg/kg
EF01-03	C-745-K North H	Nickel	1/12/2001	6.53		mg/kg
EF01-03	C-745-K North C	Nickel	1/16/2001	11.5		mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-03	C-745-K North H	Nickel	1/16/2001	13.2		mg/kg
EF01-03	C-745-K North G	Nickel	1/16/2001	8.62		mg/kg
EF01-03	C-745-K North D	Nickel	1/16/2001	8.8		mg/kg
EF01-03	C-745-K North A	Nickel	1/16/2001	11.7		mg/kg
EF01-03	C-745-K North C	Nickel	1/16/2001	9.84		mg/kg
EF01-03	C-745-K North E	Nickel	1/16/2001	11.6		mg/kg
EF01-03	C-745-K North B	Nickel	1/16/2001	11		mg/kg
EF01-03	C-745-K North F	Nickel	1/16/2001	12.6		mg/kg
EF01-03	C-745-K North H	Nickel	1/16/2001	12.3		mg/kg
EF01-03	C-745-K North G	Technetium-99	1/16/2001	14.5		pCi/g
EF01-03	C-745-K North H	Technetium-99	1/16/2001	16		pCi/g
EF01-03	C-745-K North F	Technetium-99	1/16/2001	12.2		pCi/g
EF01-03	C-745-K North E	Technetium-99	1/16/2001	5.83		pCi/g
EF01-03	C-745-K North H	Technetium-99	1/16/2001	11.1		pCi/g
EF01-03	C-745-K North D	Technetium-99	1/16/2001	13.2		pCi/g
EF01-03	C-745-K North G	Thorium-228	1/16/2001	0.219		pCi/g
EF01-03	C-745-K North H	Thorium-228	1/16/2001	0.356		pCi/g
EF01-03	C-745-K North B	Thorium-228	1/16/2001	0.255		pCi/g
EF01-03	C-745-K North H	Thorium-228	1/16/2001	0.339		pCi/g
EF01-03	C-745-K North F	Thorium-228	1/16/2001	0.447		pCi/g
EF01-03	C-745-K North C	Thorium-228	1/16/2001	0.386		pCi/g
EF01-03	C-745-K North A	Thorium-228	1/16/2001	0.51		pCi/g
EF01-03	C-745-K North C	Thorium-228	1/16/2001	0.306		pCi/g
EF01-03	C-745-K North D	Thorium-228	1/16/2001	0.375		pCi/g
EF01-03	C-745-K North E	Thorium-228	1/16/2001	0.369		pCi/g
EF01-03	C-745-K North C	Thorium-230	1/12/2001	0.229	T	pCi/g
EF01-03	C-745-K North B	Thorium-230	1/16/2001	0.343		pCi/g
EF01-03	C-745-K North A	Thorium-230	1/16/2001	0.508		pCi/g
EF01-03	C-745-K North E	Thorium-230	1/16/2001	0.526		pCi/g
EF01-03	C-745-K North C	Thorium-230	1/16/2001	0.328		pCi/g
EF01-03	C-745-K North H	Thorium-230	1/16/2001	0.668		pCi/g
EF01-03	C-745-K North C	Thorium-230	1/16/2001	0.448		pCi/g
EF01-03	C-745-K North D	Thorium-230	1/16/2001	0.299		pCi/g
EF01-03	C-745-K North H	Thorium-230	1/16/2001	0.449		pCi/g
EF01-03	C-745-K North G	Thorium-230	1/16/2001	0.634		pCi/g
EF01-03	C-745-K North F	Thorium-230	1/16/2001	0.429		pCi/g
EF01-03	C-745-K North D	Thorium-232	1/16/2001	0.399		pCi/g
EF01-03	C-745-K North E	Thorium-232	1/16/2001	0.339		pCi/g
EF01-03	C-745-K North C	Thorium-232	1/16/2001	0.405		pCi/g
EF01-03	C-745-K North H	Thorium-232	1/16/2001	0.432		pCi/g
EF01-03	C-745-K North B	Thorium-232	1/16/2001	0.248		pCi/g
EF01-03	C-745-K North F	Thorium-232	1/16/2001	0.43		pCi/g

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-03	C-745-K North H	Thorium-232	1/16/2001	0.373		pCi/g
EF01-03	C-745-K North C	Thorium-232	1/16/2001	0.322		pCi/g
EF01-03	C-745-K North A	Thorium-232	1/16/2001	0.455		pCi/g
EF01-03	C-745-K North G	Thorium-232	1/16/2001	0.226		pCi/g
EF01-03	C-745-K North B	Uranium	1/12/2001	0.993		pCi/g
EF01-03	C-745-K North F	Uranium	1/16/2001	2.32		pCi/g
EF01-03	C-745-K North E	Uranium	1/16/2001	1.39		ug/g
EF01-03	C-745-K North E	Uranium	1/16/2001	2.01		pCi/g
EF01-03	C-745-K North D	Uranium	1/16/2001	1.63		pCi/g
EF01-03	C-745-K North B	Uranium-234	1/12/2001	0.38		pCi/g
EF01-03	C-745-K North F	Uranium-234	1/16/2001	0.632		pCi/g
EF01-03	C-745-K North D	Uranium-234	1/16/2001	0.418		pCi/g
EF01-03	C-745-K North E	Uranium-234	1/16/2001	0.987		pCi/g
EF01-03	C-745-K North B	Uranium-235	1/12/2001	0.546		wt %
EF01-03	C-745-K North F	Uranium-235	1/16/2001	0.386		wt %
EF01-03	C-745-K North D	Uranium-235	1/16/2001	0.367		wt %
EF01-03	C-745-K North E	Uranium-235	1/16/2001	0.702		wt %
EF01-03	C-745-K North E	Uranium-235	1/16/2001	0.768		wt %
EF01-03	C-745-K North B	Uranium-238	1/12/2001	0.592		pCi/g
EF01-03	C-745-K North D	Uranium-238	1/16/2001	1.18		pCi/g
EF01-03	C-745-K North E	Uranium-238	1/16/2001	0.973		pCi/g
EF01-03	C-745-K North F	Uranium-238	1/16/2001	1.65		pCi/g
EF01-03	C-745-K North C	Vanadium	1/12/2001	2.7		mg/kg
EF01-03	C-745-K North G	Vanadium	1/12/2001	5.14		mg/kg
EF01-03	C-745-K North H	Vanadium	1/12/2001	5.5		mg/kg
EF01-03	C-745-K North A	Vanadium	1/12/2001	4.25		mg/kg
EF01-03	C-745-K North H	Vanadium	1/12/2001	3.69		mg/kg
EF01-03	C-745-K North C	Vanadium	1/12/2001	3.34		mg/kg
EF01-03	C-745-K North F	Vanadium	1/12/2001	3.26		mg/kg
EF01-03	C-745-K North E	Vanadium	1/12/2001	4.1		mg/kg
EF01-03	C-745-K North D	Vanadium	1/12/2001	2.99		mg/kg
EF01-03	C-745-K North B	Vanadium	1/12/2001	3.07		mg/kg
EF01-03	C-745-K North C	Vanadium	1/16/2001	29.6		mg/kg
EF01-03	C-745-K North H	Vanadium	1/16/2001	23		mg/kg
EF01-03	C-745-K North G	Vanadium	1/16/2001	10.3		mg/kg
EF01-03	C-745-K North D	Vanadium	1/16/2001	28.6		mg/kg
EF01-03	C-745-K North E	Vanadium	1/16/2001	31.3		mg/kg
EF01-03	C-745-K North C	Vanadium	1/16/2001	18.2		mg/kg
EF01-03	C-745-K North H	Vanadium	1/16/2001	24.9		mg/kg
EF01-03	C-745-K North F	Vanadium	1/16/2001	24.4		mg/kg
EF01-03	C-745-K North B	Vanadium	1/16/2001	33.2		mg/kg
EF01-03	C-745-K North A	Vanadium	1/16/2001	19.8		mg/kg

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-03	C-745-K North H	Zinc	1/12/2001	27		mg/kg
EF01-03	C-745-K North E	Zinc	1/12/2001	44		mg/kg
EF01-03	C-745-K North H	Zinc	1/12/2001	53.9		mg/kg
EF01-03	C-745-K North C	Zinc	1/12/2001	49		mg/kg
EF01-03	C-745-K North G	Zinc	1/12/2001	36.2		mg/kg
EF01-03	C-745-K North D	Zinc	1/12/2001	64.8		mg/kg
EF01-03	C-745-K North B	Zinc	1/12/2001	46.3		mg/kg
EF01-03	C-745-K North F	Zinc	1/12/2001	55.3		mg/kg
EF01-03	C-745-K North C	Zinc	1/12/2001	69.1		mg/kg
EF01-03	C-745-K North A	Zinc	1/12/2001	54.3		mg/kg
EF01-03	C-745-K North B	Zinc	1/16/2001	28.2		mg/kg
EF01-03	C-745-K North G	Zinc	1/16/2001	33.3		mg/kg
EF01-03	C-745-K North F	Zinc	1/16/2001	30.8		mg/kg
EF01-03	C-745-K North E	Zinc	1/16/2001	31.7		mg/kg
EF01-03	C-745-K North C	Zinc	1/16/2001	30.1		mg/kg
EF01-03	C-745-K North H	Zinc	1/16/2001	34.4		mg/kg
EF01-03	C-745-K North C	Zinc	1/16/2001	27.8		mg/kg
EF01-03	C-745-K North A	Zinc	1/16/2001	31.4		mg/kg
EF01-03	C-745-K North H	Zinc	1/16/2001	30		mg/kg
EF01-03	C-745-K North D	Zinc	1/16/2001	20.6		mg/kg
EF01-10	C-745-K-S-D5	Activity of U-235	5/18/2001	0.0498		pCi/g
EF01-10	C-745-K-S-D4	Activity of U-235	5/18/2001	0.0334		pCi/g
EF01-10	C-745-M-H1	Activity of U-235	5/18/2001	0.0292		pCi/g
EF01-10	C-745-M-H3	Activity of U-235	5/18/2001	0.0708		pCi/g
EF01-10	C-745-K-S-C1	Activity of U-235	5/18/2001	0.0258		pCi/g
EF01-10	C-745-K-S-D9	Activity of U-235	5/18/2001	0.0415		pCi/g
EF01-10	C-745-K-S-C3	Activity of U-235	5/18/2001	0.0378		pCi/g
EF01-10	C-745-M-H5	Activity of U-235	5/18/2001	0.0665		pCi/g
EF01-10	C-745-M-H5	Activity of U-235	5/18/2001	0.078		pCi/g
EF01-10	C-745-M-H9	Activity of U-235	5/18/2001	0.0296		pCi/g
EF01-10	C-745-K-S-C7	Activity of U-235	5/18/2001	0.0327		pCi/g
EF01-10	C-745-M-D3	Activity of U-235	5/18/2001	0.0371		pCi/g
EF01-10	C-745-M-D1	Activity of U-235	5/18/2001	0.0468		pCi/g
EF01-10	C-745-K-S-D7	Activity of U-235	5/18/2001	0.0616		pCi/g
EF01-10	C-745-K-S-B1	Activity of U-235	5/18/2001	0.102		pCi/g
EF01-10	C-745-K-S-B3	Activity of U-235	5/18/2001	0.0577		pCi/g
EF01-10	C-745-K-S-D1	Activity of U-235	5/18/2001	0.0373		pCi/g
EF01-10	C-745-K-S-C8	Activity of U-235	5/21/2001	0.0176		pCi/g
EF01-10	C-745-K-S-B2	Activity of U-235	5/21/2001	0.0224		pCi/g
EF01-10	C-745-M-H4	Activity of U-235	5/21/2001	0.056		pCi/g
EF01-10	C-745-M-H6	Activity of U-235	5/21/2001	0.0304		pCi/g
EF01-10	C-745-K-S-C6	Activity of U-235	5/21/2001	0.0261		pCi/g

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-10	C-745-K-S-C2	Activity of U-235	5/21/2001	0.039		pCi/g
EF01-10	C-745-K-S-A1	Activity of U-235	5/21/2001	0.0303		pCi/g
EF01-10	C-745-K-S-D9	Cesium-137	5/18/2001	0.105		pCi/g
EF01-10	C-745-M-H5	Cesium-137	5/18/2001	0.247		pCi/g
EF01-10	C-745-K-S-D1	Cesium-137	5/18/2001	0.0307		pCi/g
EF01-10	C-745-M-H9	Cesium-137	5/18/2001	0.0223		pCi/g
EF01-10	C-745-M-H5	Cesium-137	5/18/2001	0.205		pCi/g
EF01-10	C-745-M-D1	Cesium-137	5/18/2001	0.0609		pCi/g
EF01-10	C-745-K-S-D5	Cesium-137	5/18/2001	0.0297		pCi/g
EF01-10	C-745-K-S-D7	Cesium-137	5/18/2001	0.127		pCi/g
EF01-10	C-745-K-S-C7	Cesium-137	5/18/2001	0.0231		pCi/g
EF01-10	C-745-K-S-D4	Cesium-137	5/18/2001	0.0628		pCi/g
EF01-10	C-745-M-H1	Cesium-137	5/18/2001	0.0352		pCi/g
EF01-10	C-745-K-S-C2	Cesium-137	5/21/2001	0.0598		pCi/g
EF01-10	C-745-K-S-C6	Cesium-137	5/21/2001	0.0238		pCi/g
EF01-10	C-745-K-S-C8	Cesium-137	5/21/2001	0.0261		pCi/g
EF01-10	C-745-M-H2	Cesium-137	5/21/2001	0.0117		pCi/g
EF01-10	C-745-M-H4	Cesium-137	5/21/2001	0.0569		pCi/g
EF01-10	C-745-M-H5	Technetium-99	5/18/2001	7.55		pCi/g
EF01-10	C-745-M-H5	Technetium-99	5/18/2001	4.45		pCi/g
EF01-10	C-745-K-S-D9	Uranium	5/18/2001	1.49		pCi/g
EF01-10	C-745-K-S-C1	Uranium	5/18/2001	1.15		pCi/g
EF01-10	C-745-K-S-C8	Uranium	5/21/2001	0.819		pCi/g
EF01-10	C-745-K-S-C1	Uranium-234	5/18/2001	0.493		pCi/g
EF01-10	C-745-K-S-D9	Uranium-234	5/18/2001	0.969		pCi/g
EF01-10	C-745-K-S-C8	Uranium-234	5/21/2001	0.327		pCi/g
EF01-10	C-745-M-H5	Uranium-235	5/18/2001	0.85		wt %
EF01-10	C-745-K-S-D5	Uranium-235	5/18/2001	0.542		wt %
EF01-10	C-745-K-S-D4	Uranium-235	5/18/2001	0.591		wt %
EF01-10	C-745-K-S-B1	Uranium-235	5/18/2001	0.764		wt %
EF01-10	C-745-K-S-D7	Uranium-235	5/18/2001	0.791		wt %
EF01-10	C-745-M-D1	Uranium-235	5/18/2001	0.611		wt %
EF01-10	C-745-M-D3	Uranium-235	5/18/2001	0.705		wt %
EF01-10	C-745-M-H1	Uranium-235	5/18/2001	0.547		wt %
EF01-10	C-745-M-H3	Uranium-235	5/18/2001	0.839		wt %
EF01-10	C-745-K-S-C3	Uranium-235	5/18/2001	0.541		wt %
EF01-10	C-745-M-H9	Uranium-235	5/18/2001	0.854		wt %
EF01-10	C-745-K-S-D1	Uranium-235	5/18/2001	0.72		wt %
EF01-10	C-745-K-S-D9	Uranium-235	5/18/2001	1.34		wt %
EF01-10	C-745-M-H5	Uranium-235	5/18/2001	0.528		wt %
EF01-10	C-745-K-S-B3	Uranium-235	5/18/2001	0.714		wt %
EF01-10	C-745-K-S-C7	Uranium-235	5/18/2001	0.837		wt %

Project ID	Location	Chemical	Date Collected	Results	Qualifier	Units
EF01-10	C-745-K-S-C1	Uranium-235	5/18/2001	0.627		wt %
EF01-10	C-745-M-H4	Uranium-235	5/21/2001	0.605		wt %
EF01-10	C-745-K-S-A1	Uranium-235	5/21/2001	0.671		wt %
EF01-10	C-745-K-S-B2	Uranium-235	5/21/2001	0.287		wt %
EF01-10	C-745-K-S-C6	Uranium-235	5/21/2001	0.431		wt %
EF01-10	C-745-K-S-C8	Uranium-235	5/21/2001	0.575		wt %
EF01-10	C-745-M-H6	Uranium-235	5/21/2001	0.413		wt %
EF01-10	C-745-K-S-C2	Uranium-235	5/21/2001	0.793		wt %
EF01-10	C-745-K-S-D1	Uranium-238	5/18/2001	0.799		pCi/g
EF01-10	C-745-K-S-D5	Uranium-238	5/18/2001	1.42		pCi/g
EF01-10	C-745-K-S-D9	Uranium-238	5/18/2001	0.476		pCi/g
EF01-10	C-745-K-S-D4	Uranium-238	5/18/2001	0.874		pCi/g
EF01-10	C-745-K-S-C3	Uranium-238	5/18/2001	1.08		pCi/g
EF01-10	C-745-M-H5	Uranium-238	5/18/2001	1.95		pCi/g
EF01-10	C-745-K-S-D7	Uranium-238	5/18/2001	1.2		pCi/g
EF01-10	C-745-M-D1	Uranium-238	5/18/2001	1.18		pCi/g
EF01-10	C-745-K-S-C1	Uranium-238	5/18/2001	0.635		pCi/g
EF01-10	C-745-K-S-B1	Uranium-238	5/18/2001	2.06		pCi/g
EF01-10	C-745-M-H3	Uranium-238	5/18/2001	1.3		pCi/g
EF01-10	C-745-M-D3	Uranium-238	5/18/2001	0.814		pCi/g
EF01-10	C-745-M-H5	Uranium-238	5/18/2001	1.42		pCi/g
EF01-10	C-745-K-S-B3	Uranium-238	5/18/2001	1.25		pCi/g
EF01-10	C-745-M-H1	Uranium-238	5/18/2001	0.826		pCi/g
EF01-10	C-745-M-H9	Uranium-238	5/18/2001	0.535		pCi/g
EF01-10	C-745-M-H4	Uranium-238	5/21/2001	1.43		pCi/g
EF01-10	C-745-M-H6	Uranium-238	5/21/2001	1.14		pCi/g
EF01-10	C-745-K-S-B2	Uranium-238	5/21/2001	1.21		pCi/g
EF01-10	C-745-K-S-A1	Uranium-238	5/21/2001	0.697		pCi/g
EF01-10	C-745-K-S-C8	Uranium-238	5/21/2001	0.474		pCi/g
EF01-10	C-745-K-S-C2	Uranium-238	5/21/2001	0.758		pCi/g
EF01-10	C-745-K-S-C6	Uranium-238	5/21/2001	0.937		pCi/g
EF02-13	C-745-K N DNE	Technetium-99	2/6/2002	3.44		pCi/g
EF02-13	C-745-K N FSE	Technetium-99	2/6/2002	3.69		pCi/g

Soil Pile #1
January 2005

Soil and Debris Storage Area by C-745-T Yard
SWMU 530

Soil Pile #1
January 2005

Soil and Debris Storage Area by C-745-T Yard
SWMU 530

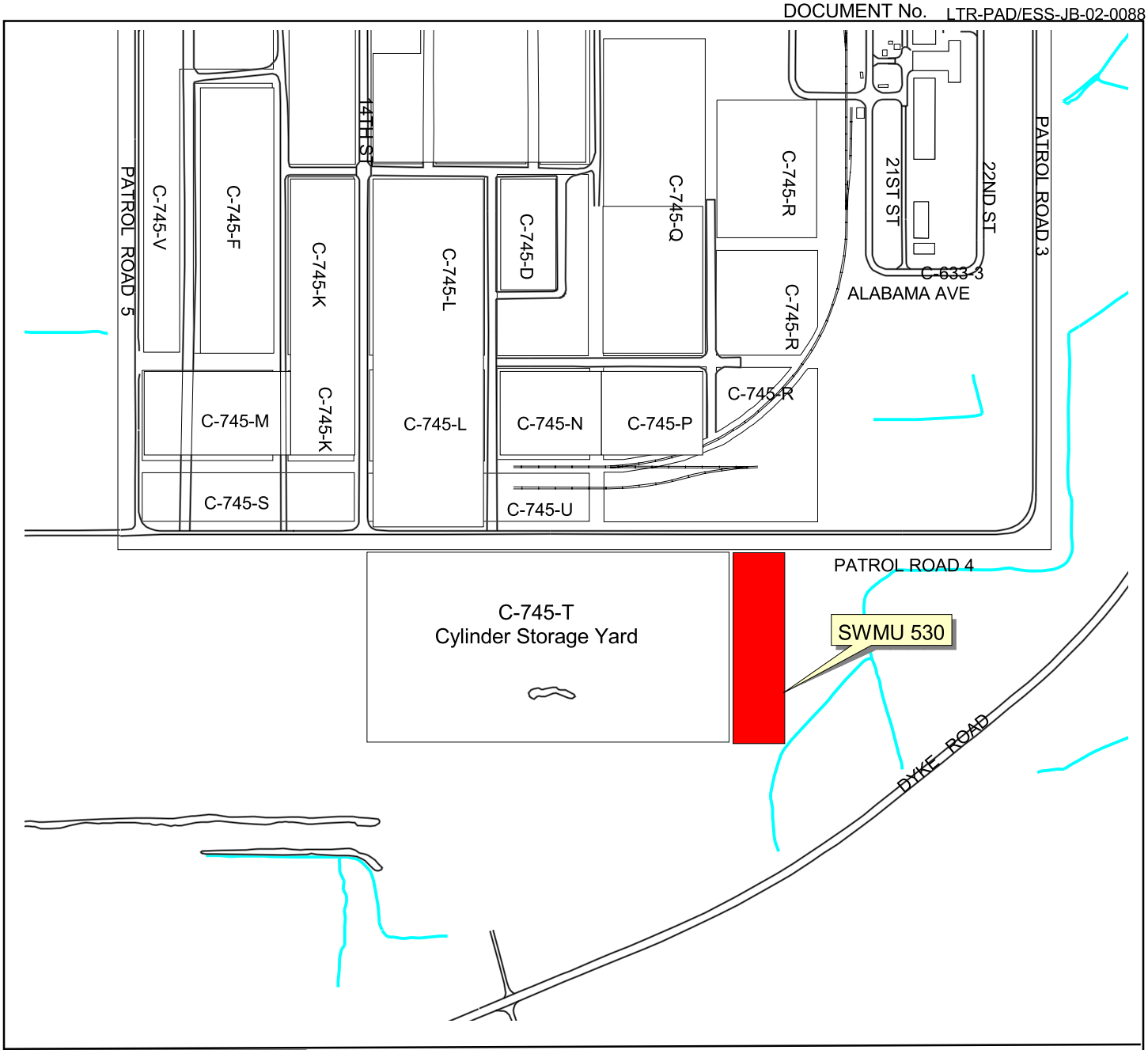
Soil Pile #2
January 2005

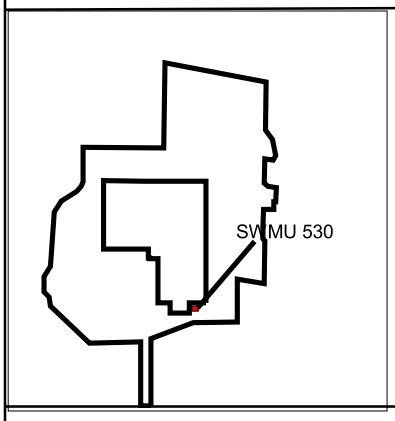
Soil and Debris Storage Area by C-745-T Yard
SWMU 530

Soil Pile #2
January 2005

Soil and Debris Storage Area by C-745-T Yard
SWMU 530

DOCUMENT No. LTR-PAD/ESS-JB-02-0088





LEGEND:

SWMU

Buildings

200 0 200 Feet

TRUE NORTH 20° PLANT NORTH

U.S. DEPARTMENT OF ENERGY
DOE OAK RIDGE OPERATIONS
PADUCAH GASEOUS DIFFUSION PLANT

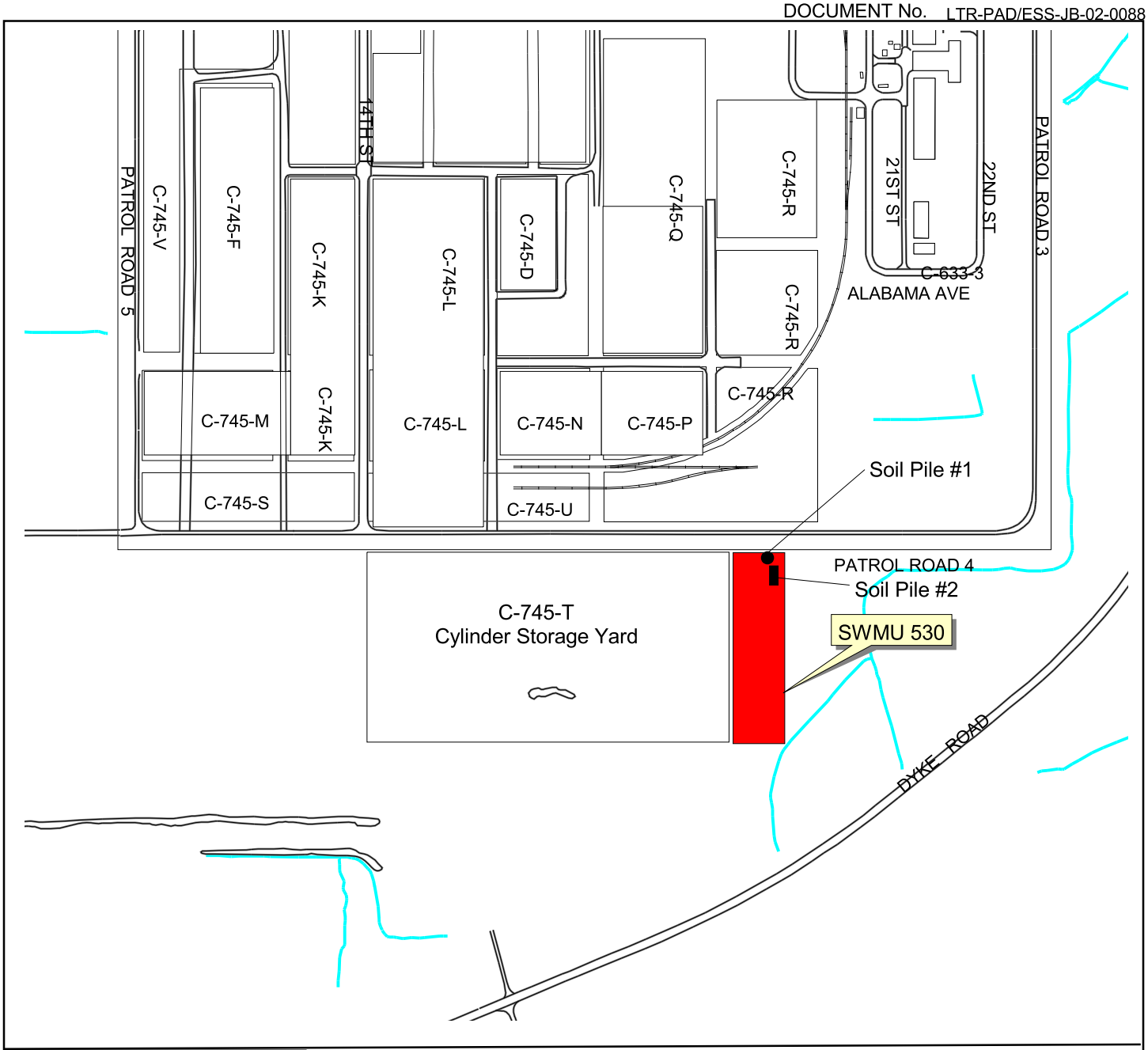
BECHTEL JACOBS COMPANY LLC
MANAGED FOR THE US DEPARTMENT OF ENERGY UNDER
US GOVERNMENT CONTRACT DE-AC-05-98OR22700
Oak Ridge, Tennessee• Paducah, Kentucky• Portsmouth, Ohio

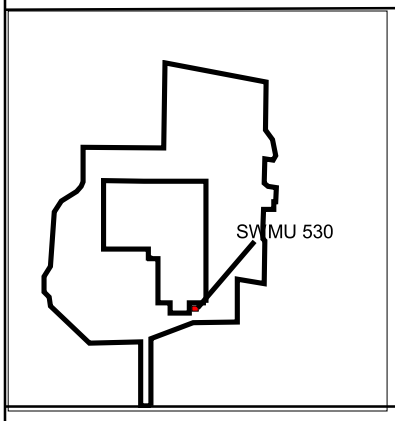
SWMU 530 Soil and Debris Storage Area by C-745-T Yard

CDM

FIGURE No. c5ac90002sk106.apr
DATE 5-10-02

DOCUMENT No. LTR-PAD/ESS-JB-02-0088





LEGEND:
- SWMU
- Buildings

200 0 200 Feet

TRUE NORTH 20° PLANT NORTH

U.S. DEPARTMENT OF ENERGY
DOE OAK RIDGE OPERATIONS
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SWMU 530 Soil and Debris Storage Area by C-745-T Yard

CDM

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