VARIANCE / FIELD CHANGE NOTICE 5-402.109	V/F 20200-PSP-0005-3
WBS NO.: ECDC #20200-PSP-0005 Rev. 0	Page 1 of 14
PROJECT TITLE: Project Specific Plan for Area 3A/4A Subsurface Predesign Investigation	Date 10/06/99

VARIANCE / FIELD CHANGE NOTICE (Include justification):

1) Field Change Notice: The boring identifications for the center and western borings in the cluster 12546 through 12550 have been exchanged. The original Boring 12549 is now Boring 12546 and the original Boring 12549 is now Boring 12546. A revised Figure 2-4 and Appendix D is attached.

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Justification: Boring 12549 was inadvertently recorded as Boring 12546 on the field paperwork and sample IDs. Instead of initiating corrections to all of the field and laboratory paperwork, and because original Boring 12546 had not yet been completed, the boring numbers were exchanged.

2) Field Change Notice: Conduct 9 additional borings (12589 through 12597) to a depth of 10.5 feet in the area surrounding Borings 12541 through 12545. Eleven samples will be collected from each boring and will be analyzed for a combination of TAL A (Total Uranium/Thorium), TAL I (total volatile organic compounds), and TAL G (Aroclor-1254 and -1260). Borings will be completed, cores scanned, and samples collected in accordance with Section 2.0 of the PSP.

The attached Figure 1 illustrates the locations of Borings 12589 through 12597. The attached addendum to Appendix D of the PSP lists the northing and easting coordinates, sample intervals, analytes, and sample identification numbers for each additional boring.

Justification: Laboratory analysis conducted under this PSP indicates the following:

Boring 12541 exceeds the FRL for 1,2-dichloroethene
Boring 12542 exceeds the WAC for total uranium and the FRL for 1,2-dichloroethene
Boring 12543 exceeds the FRLs for 1,2-dichlorothene and aroclor-1254
Boring 12544 exceeds the WAC for total uranium and the FRL for 1,2-dichloroethene
Boring 12545 exceeds the WAC for total uranium and the FRL for 1,2-dichloroethene

The pertinent data associated with each of these borings are attached. The 9 additional borings are necessary to determine the extent of this above-WAC and above-FRL contamination. Eight of the new borings are located approximately 10 feet away from the initial cluster of borings and approximately 16 feet from the initial center boring. The ninth new boring is located in the center of the cluster because the contamination has not yet been bounded at depth. If these borings do not fully bound the contamination, additional borings will be planned in response to new sample results.

3) Field Change Notice: Conduct 3 additional borings (12598 through 12600) to a depth of 7.5 feet in the area surrounding Boring 12546. Eight samples will be collected from each boring and will be analyzed for TAL B (Beryllium). Borings will be completed, cores scanned, and samples collected in accordance with Section 2.0 of the PSP.

The attached Figure 2 illustrates the locations of Borings 12598 through 12600. The attached addendum to Appendix D of the PSP lists the northing and easting coordinates, sample intervals, analytes, and sample identification numbers for each additional boring.

Justification: Laboratory analysis conducted under this PSP indicates that Boring 12546 exceeds the FRL for beryllium. The pertinent data associated with this boring is attached. The 3 additional borings area necessary to determine the extent of this above-FRL contamination. The new borings area located approximately 10 feet away from Boring 12546 in the west, south, and north directions. If these borings do not fully bound the contamination, additional borings will be planned in response to new sample results.

ORIGINAL

INFORMATION ONLY

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REQUESTED BY: Christine Messerly Date: 10/06/99

VARIANCE / FIELD CHANGE NOTICE -- 2713	V/F 20200-PSP-0005-3
WBS NO.: ECDC #20200-PSP-0005 Rev. 0	Page 2 of 14
PROJECT TITLE: Project Specific Plan for Area 3A/4A Subsurface Predesign Investigation	Date 10/06/99

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE Frank Thompson	10/7/99	X	PROJECT MANAGER	10/6/99
	DATA QUALITY MANAGEMENT		X	Characterization Lead C.M. Messerly	10/6/99
	ANALYTICAL CUSTOMER SUPPORT			RTIMP Manager	
X	WASTE ACCEPTANCE ORGANIZATION (WAO)	10/7/99	X	Sampling Manager Mike Fuel	10/6/99

VARIANCE/FCN APPROVED [X]YES [ ]NO

REVISION REQUIRED: [ ]YES [x]NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL:	OTHER:
QUALITY ASSURANCE:	OTHER:	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

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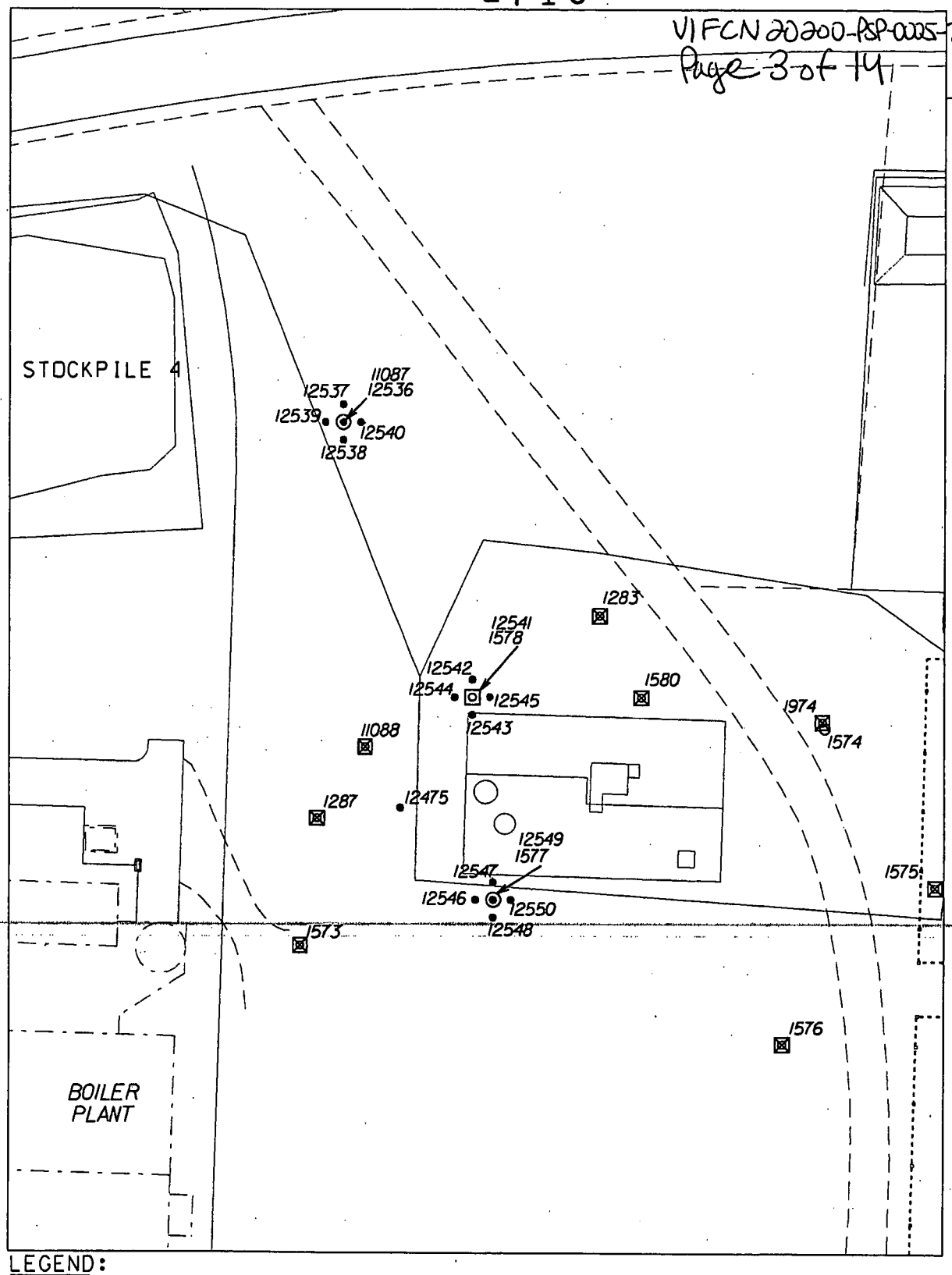

LEGEND:

- ABOVE BERYLLIUM FRL AND PROPOSED BORING
- BELOW BERYLLIUM FRL
- ABOVE ARSENIC, 1,1-DICHLOROETHENE, AROCLOR-1260 FRL AND PROPOSED BORING
- BELOW ARSENIC, 1,1-DICHLOROETHENE, AROCLOR-1260 FRL
- BELOW ARSENIC, BERYLLIUM, 1,1-DICHLOROETHENE, AROCLOR-1260 FRL
- PROPOSED BORING

SCALE
50 25 0 50 FEET

FIGURE 2-4. ABOVE-FRL LOCATIONS PROPOSED BORINGS, AND BELOW-FRL LOCATIONS NEAR BOILER PLANT

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STATE PLANAR COORDINATE SYSTEM 1983

06-OCT-1999

APPENDIX D
SOIL SAMPLES TO BE COLLECTED FOR THE AREA 3A/4A SUBSURFACE PREDESIGN INVESTIGATION

Location	Northing	Easting	Depth	Sample Id	Analysis	Analytes
12545	481705.45	1349581.90	0.5'-1.0'	12545-2-AB	N/A	Gross alpha/beta
			3.0'-3.5'	12545-7-L	TAL I	1,1-Dichlorethene
				12545-7-P	TAL G	Aroclor-1254, Aroclor-1260
				12545-7-M	TAL D	Arsenic
			4.0'-4.5'	12545-9-L	TAL I	1,1-Dichlorethene
				12545-9-P	TAL G	Aroclor-1254, Aroclor-1260
				12545-9-M	TAL D	Arsenic
			5.0'-5.5'	12545-11-L	TAL I	1,1-Dichlorethene
				12545-11-P	TAL G	Aroclor-1254, Aroclor-1260
				12545-11-M	TAL D	Arsenic
			6.0'-6.5'	12545-13-L	TAL I	1,1-Dichlorethene
				12545-13-P	TAL G	Aroclor-1254, Aroclor-1260
				12545-13-M	TAL D	Arsenic
			7.0'-7.5'	12545-15-L	TAL I	1,1-Dichlorethene
				12545-15-P	TAL G	Aroclor-1254, Aroclor-1260
				12545-15-M	TAL D	Arsenic
12546	481636.56	1349577.05	3.0'-3.5'	12546-7-M	TAL B	Beryllium
			4.0'-4.5'	12546-9-M	TAL B	Beryllium
			5.0'-5.5'	12546-11-M	TAL B	Beryllium
			6.0'-6.5'	12546-13-M	TAL B	Beryllium
			7.0'-7.5'	12546-15-M	TAL B	Beryllium
12547	481642.56	1349583.05	3.0'-3.5'	12547-7-M	TAL B	Beryllium
			4.0'-4.5'	12547-9-M	TAL B	Beryllium
			5.0'-5.5'	12547-11-M	TAL B	Beryllium
			6.0'-6.5'	12547-13-M	TAL B	Beryllium
			7.0'-7.5'	12547-15-M	TAL B	Beryllium
12548	481630.56	1349583.05	3.0'-3.5'	12548-7-M	TAL B	Beryllium
			4.0'-4.5'	12548-9-M	TAL B	Beryllium
			5.0'-5.5'	12548-11-M	TAL B	Beryllium
			6.0'-6.5'	12548-13-M	TAL B	Beryllium
			7.0'-7.5'	12548-15-M	TAL B	Beryllium
12549	481636.56	1349583.05	3.0'-3.5'	12549-7-M	TAL B	Beryllium
			4.0'-4.5'	12549-9-M	TAL B	Beryllium
			5.0'-5.5'	12549-11-M	TAL B	Beryllium
			6.0'-6.5'	12549-13-M	TAL B	Beryllium
			7.0'-7.5'	12549-15-M	TAL B	Beryllium
12550	481636.56	1349589.05	3.0'-3.5'	12550-7-M	TAL B	Beryllium
			4.0'-4.5'	12550-9-M	TAL B	Beryllium
			5.0'-5.5'	12550-11-M	TAL B	Beryllium
			6.0'-6.5'	12550-13-M	TAL B	Beryllium
			7.0'-7.5'	12550-15-M	TAL B	Beryllium
12551	481135.55	1349611.44	0.5'-1.0'	12551-2-AB	N/A	Gross alpha/beta
			1.0'-1.5'	12551-3-S	TAL F	Benzo(a)pyrene
			2.0'-2.5'	12551-5-S	TAL F	Benzo(a)pyrene
			3.0'-3.5'	12551-7-S	TAL F	Benzo(a)pyrene
			4.0'-4.5'	12551-9-S	TAL F	Benzo(a)pyrene
			5.0'-5.5'	12551-11-S	TAL F	Benzo(a)pyrene

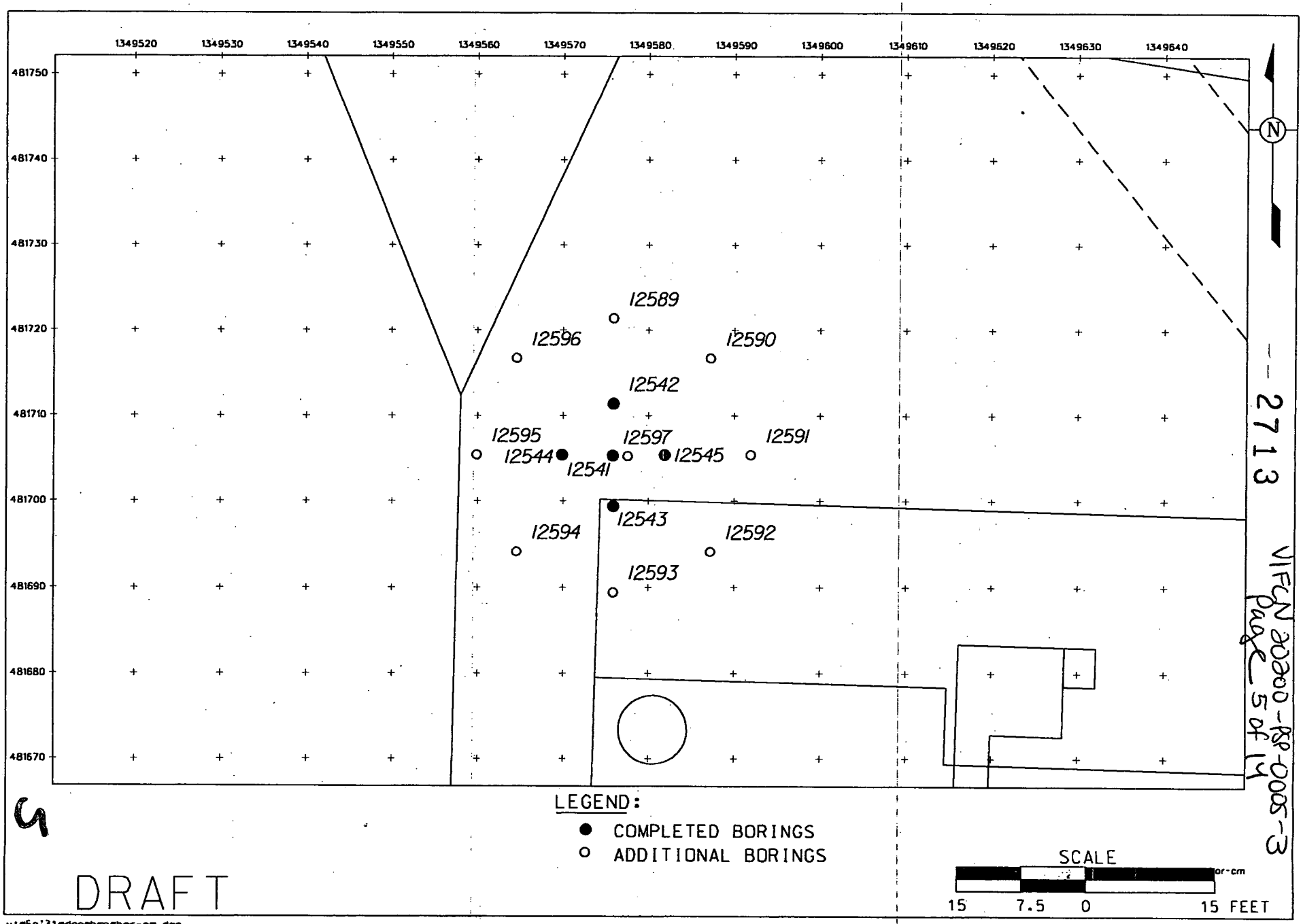

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FIGURE 1. ADDITIONAL BORINGS TO BOUND ORGANIC CONTAMINATION

06-OCT-1999

ADDENDUM TO APPENDIX D
ADDITIONAL SOIL SAMPLES TO BE COLLECTED FOR THE AREA 3A/4A SUBSURFACE PREDESIGN INVESTIGATION

Location	Northing	Easting	Depth	Sample ID	Analysis	Analyte
12589	481721.45	1349575.90	0-0.5	12589-1-R	TAL A	Total U/Total Th
			0.5-1.0	12589-2-AB	N/A	Gross alpha/beta
			1-1.5	12589-3-R	TAL A	Total U/Total Th
			2-2.5	12589-5-R	TAL A	Total U/Total Th
			3.0-3.5	12589-7-L	TAL I	VOCs
				12589-7-R	TAL A	Total U/Total Th
			4.0-4.5	12589-9-L	TAL I	VOCs
				12589-9-R	TAL A	Total U/Total Th
			5.0-5.5	12589-11-L	TAL I	VOCs
				12589-11-R	TAL A	Total U/Total Th
			6.0-6.5	12589-13-L	TAL I	VOCs
				12589-13-R	TAL A	Total U/Total Th
			7.0-7.5	12589-15-L	TAL I	VOCs
				12589-15-R	TAL A	Total U/Total Th
			8.0-8.5	12589-17-L	TAL I	VOCs
				12589-17-R	TAL A	Total U/Total Th
			9.-9.5	12589-19-L	TAL I	VOCs
				12589-19-R	TAL A	Total U/Total Th
			10-10.5	12589-21-L	TAL I	VOCs
				12589-21-R	TAL A	Total U/Total Th
12590	481716.76	1349587.21	0-0.5	12590-1-R	TAL A	Total U/Total Th
			0.5-1.0	12590-2-AB	N/A	Gross alpha/beta
			1-1.5	12590-3-R	TAL A	Total U/Total Th
			2-2.5	12590-5-R	TAL A	Total U/Total Th
			3.0-3.5	12590-7-L	TAL I	VOCs
				12590-7-R	TAL A	Total U/Total Th
			4.0-4.5	12590-9-L	TAL I	VOCs
				12590-9-R	TAL A	Total U/Total Th
			5.0-5.5	12590-11-L	TAL I	VOCs
				12590-11-R	TAL A	Total U/Total Th
			6.0-6.5	12590-13-L	TAL I	VOCs
				12590-13-R	TAL A	Total U/Total Th
			7.0-7.5	12590-15-L	TAL I	VOCs
				12590-15-R	TAL A	Total U/Total Th
			8.0-8.5	12590-17-L	TAL I	VOCs
				12590-17-R	TAL A	Total U/Total Th
			9.-9.5	12590-19-L	TAL I	VOCs
				12590-19-R	TAL A	Total U/Total Th
			10-10.5	12590-21-L	TAL I	VOCs
				12590-21-R	TAL A	Total U/Total Th
12591	481705.45	1349591.90	0-0.5	12591-1-R	TAL A	Total U/Total Th
			0.5-1.0	12591-2-AB	N/A	Gross alpha/beta
			1-1.5	12591-3-R	TAL A	Total U/Total Th
			2-2.5	12591-5-R	TAL A	Total U/Total Th

Location	Northing	Easting	Depth	Sample ID	Analysis	Analyte
12591 (cont.)	481705.45	1349591.90	3.0-3.5	12591-7-L	TAL I	VOCs
				12591-7-R	TAL A	Total U/Total Th
			4.0-4.5	12591-9-L	TAL I	VOCs
				12591-9-R	TAL A	Total U/Total Th
			5.0-5.5	12591-11-L	TAL I	VOCs
				12591-11-R	TAL A	Total U/Total Th
			6.0-6.5	12591-13-L	TAL I	VOCs
				12591-13-R	TAL A	Total U/Total Th
			7.0-7.5	12591-15-L	TAL I	VOCs
				12591-15-R	TAL A	Total U/Total Th
			8.0-8.5	12591-17-L	TAL I	VOCs
				12591-17-R	TAL A	Total U/Total Th
			9.-9.5	12591-19-L	TAL I	VOCs
				12591-19-R	TAL A	Total U/Total Th
			10-10.5	12591-21-L	TAL I	VOCs
				12591-21-R	TAL A	Total U/Total Th
12592	481694.14	1349587.21	0-0.5	12592-1-R	TAL A	Total U/Total Th
			0.5-1.0	12592-2-AB	N/A	Gross alpha/beta
			1-1.5	12592-3-R	TAL A	Total U/Total Th
			2-2.5	12592-5-R	TAL A	Total U/Total Th
			3.0-3.5	12592-7-L	TAL I	VOCs
				12592-7-P	TAL G	Aroclor-1254, Aroclor-1260
				12592-7-R	TAL A	Total U/Total Th
			4.0-4.5	12592-9-L	TAL I	VOCs
				12592-9-P	TAL G	Aroclor-1254, Aroclor-1260
				12592-9-R	TAL A	Total U/Total Th
			5.0-5.5	12592-11-L	TAL I	VOCs
				12592-11-P	TAL G	Aroclor-1254, Aroclor-1260
				12592-11-R	TAL A	Total U/Total Th
			6.0-6.5	12592-13-L	TAL I	VOCs
				12592-13-P	TAL G	Aroclor-1254, Aroclor-1260
				12592-13-R	TAL A	Total U/Total Th
			7.0-7.5	12592-15-L	TAL I	VOCs
				12592-15-P	TAL G	Aroclor-1254, Aroclor-1260
				12592-15-R	TAL A	Total U/Total Th
			8.0-8.5	12592-17-L	TAL I	VOCs
				12592-17-P	TAL G	Aroclor-1254, Aroclor-1260
				12592-17-R	TAL A	Total U/Total Th
			9.-9.5	12592-19-L	TAL I	VOCs
				12592-19-P	TAL G	Aroclor-1254, Aroclor-1260
				12592-19-R	TAL A	Total U/Total Th
			10-10.5	12592-21-L	TAL I	VOCs
				12592-21-P	TAL G	Aroclor-1254, Aroclor-1260
				12592-21-R	TAL A	Total U/Total Th
12593	481689.45	1349575.90	0-0.5	12593-1-R	TAL A	Total U/Total Th
			0.5-1.0	12593-2-AB	N/A	Gross alpha/beta
			1-1.5	12593-3-R	TAL A	Total U/Total Th
			2-2.5	12593-5-R	TAL A	Total U/Total Th

Location	Northing	Easting	Depth	Sample ID	Analysis	Analyte
12593 (cont.)	481689.45	1349575.90	3.0-3.5	12593-7-L	TAL I	VOCs
				12593-7-P	TAL G	Aroclor-1254, Aroclor-1260
				12593-7-R	TAL A	Total U/Total Th
			4.0-4.5	12593-9-L	TAL I	VOCs
				12593-9-P	TAL G	Aroclor-1254, Aroclor-1260
				12593-9-R	TAL A	Total U/Total Th
			5.0-5.5	12593-11-L	TAL I	VOCs
				12593-11-P	TAL G	Aroclor-1254, Aroclor-1260
				12593-11-R	TAL A	Total U/Total Th
			6.0-6.5	12593-13-L	TAL I	VOCs
				12593-13-P	TAL G	Aroclor-1254, Aroclor-1260
				12593-13-R	TAL A	Total U/Total Th
			7.0-7.5	12593-15-L	TAL I	VOCs
				12593-15-P	TAL G	Aroclor-1254, Aroclor-1260
				12593-15-R	TAL A	Total U/Total Th
			8.0-8.5	12593-17-L	TAL I	VOCs
				12593-17-P	TAL G	Aroclor-1254, Aroclor-1260
				12593-17-R	TAL A	Total U/Total Th
			9.-9.5	12593-19-L	TAL I	VOCs
				12593-19-P	TAL G	Aroclor-1254, Aroclor-1260
				12593-19-R	TAL A	Total U/Total Th
			10-10.5	12593-21-L	TAL I	VOCs
				12593-21-P	TAL G	Aroclor-1254, Aroclor-1260
				12593-21-R	TAL A	Total U/Total Th
12594	481694.14	1349564.59	0-0.5	12594-1-R	TAL A	Total U/Total Th
			0.5-1.0	12594-2-AB	N/A	Gross alpha/beta
			1-1.5	12594-3-R	TAL A	Total U/Total Th
			2-2.5	12594-5-R	TAL A	Total U/Total Th
			3.0-3.5	12594-7-L	TAL I	VOCs
				12594-7-P	TAL G	Aroclor-1254, Aroclor-1260
				12594-7-R	TAL A	Total U/Total Th
			4.0-4.5	12594-9-L	TAL I	VOCs
				12594-9-P	TAL G	Aroclor-1254, Aroclor-1260
				12594-9-R	TAL A	Total U/Total Th
			5.0-5.5	12594-11-L	TAL I	VOCs
				12594-11-P	TAL G	Aroclor-1254, Aroclor-1260
				12594-11-R	TAL A	Total U/Total Th
			6.0-6.5	12594-13-L	TAL I	VOCs
				12594-13-P	TAL G	Aroclor-1254, Aroclor-1260
				12594-13-R	TAL A	Total U/Total Th
			7.0-7.5	12594-15-L	TAL I	VOCs
				12594-15-P	TAL G	Aroclor-1254, Aroclor-1260
				12594-15-R	TAL A	Total U/Total Th
			8.0-8.5	12594-17-L	TAL I	VOCs
				12594-17-P	TAL G	Aroclor-1254, Aroclor-1260
				12594-17-R	TAL A	Total U/Total Th
			9.-9.5	12594-19-L	TAL I	VOCs
				12594-19-P	TAL G	Aroclor-1254, Aroclor-1260

Location	Northing	Easting	Depth	Sample ID	Analysis	Analyte
12594 (cont.)	481694.14	1349564.59		12594-19-R	TAL A	Total U/Total Th
			10-10.5	12594-21-L	TAL I	VOCs
				12594-21-P	TAL G	Aroclor-1254, Aroclor-1260
				12594-21-R	TAL A	Total U/Total Th
12595	481705.45	1349559.9	0-0.5	12595-1-R	TAL A	Total U/Total Th
			0.5-1.0	12595-2-AB	N/A	Gross alpha/beta
			1-1.5	12595-3-R	TAL A	Total U/Total Th
			2-2.5	12595-5-R	TAL A	Total U/Total Th
			3.0-3.5	12595-7-L	TAL I	VOCs
				12595-7-R	TAL A	Total U/Total Th
			4.0-4.5	12595-9-L	TAL I	VOCs
				12595-9-R	TAL A	Total U/Total Th
			5.0-5.5	12595-11-L	TAL I	VOCs
				12595-11-R	TAL A	Total U/Total Th
			6.0-6.5	12595-13-L	TAL I	VOCs
				12595-13-R	TAL A	Total U/Total Th
			7.0-7.5	12595-15-L	TAL I	VOCs
				12595-15-R	TAL A	Total U/Total Th
			8.0-8.5	12595-17-L	TAL I	VOCs
				12595-17-R	TAL A	Total U/Total Th
			9.-9.5	12595-19-L	TAL I	VOCs
				12595-19-R	TAL A	Total U/Total Th
			10-10.5	12595-21-L	TAL I	VOCs
				12595-21-R	TAL A	Total U/Total Th
12596	481716.76	1349564.59	0-0.5	12596-1-R	TAL A	Total U/Total Th
			0.5-1.0	12596-2-AB	N/A	Gross alpha/beta
			1-1.5	12596-3-R	TAL A	Total U/Total Th
			2-2.5	12596-5-R	TAL A	Total U/Total Th
			3.0-3.5	12596-7-L	TAL I	VOCs
				12596-7-R	TAL A	Total U/Total Th
			4.0-4.5	12596-9-L	TAL I	VOCs
				12596-9-R	TAL A	Total U/Total Th
			5.0-5.5	12596-11-L	TAL I	VOCs
				12596-11-R	TAL A	Total U/Total Th
			6.0-6.5	12596-13-L	TAL I	VOCs
				12596-13-R	TAL A	Total U/Total Th
			7.0-7.5	12596-15-L	TAL I	VOCs
				12596-15-R	TAL A	Total U/Total Th
			8.0-8.5	12596-17-L	TAL I	VOCs
				12596-17-R	TAL A	Total U/Total Th
			9.-9.5	12596-19-L	TAL I	VOCs
				12596-19-R	TAL A	Total U/Total Th
			10-10.5	12596-21-L	TAL I	VOCs
				12596-21-R	TAL A	Total U/Total Th
12597	481705.45	1349575.90	0-0.5	12597-1-R	TAL A	Total U/Total Th
			0.5-1.0	12597-2-AB	N/A	Gross alpha/beta
			1-1.5	12597-3-R	TAL A	Total U/Total Th
			2-2.5	12597-5-R	TAL A	Total U/Total Th

Location	Northing	Easting	Depth	Sample ID	Analysis	Analyte
12597	481705.45	1349575.90	3.0-3.5	12597-7-L	TAL I	VOCs
				12597-7-R	TAL A	Total U/Total Th
			4.0-4.5	12597-9-L	TAL I	VOCs
				12597-9-R	TAL A	Total U/Total Th
			5.0-5.5	12597-11-L	TAL I	VOCs
				12597-11-R	TAL A	Total U/Total Th
			6.0-6.5	12597-13-L	TAL I	VOCs
				12597-13-R	TAL A	Total U/Total Th
			7.0-7.5	12597-15-L	TAL I	VOCs
				12597-15-R	TAL A	Total U/Total Th
			8.0-8.5	12597-17-L	TAL I	VOCs
				12597-17-R	TAL A	Total U/Total Th
			9.-9.5	12597-19-L	TAL I	VOCs
				12597-19-R	TAL A	Total U/Total Th
			10-10.5	12597-21-L	TAL I	VOCs
				12597-21-R	TAL A	Total U/Total Th
12598	481647.84	1349571.74	0-0.5	12598-1-M	TAL B	Beryllium
			1-1.5	12598-3-M	TAL B	Beryllium
			2-2.5	12598-5-M	TAL B	Beryllium
			3.0-3.5	12598-7-M	TAL B	Beryllium
			4.0-4.5	12598-9-M	TAL B	Beryllium
			5.0-5.5	12598-11-M	TAL B	Beryllium
			6.0-6.5	12598-13-M	TAL B	Beryllium
			7.0-7.5	12598-15-M	TAL B	Beryllium
12599	481636.56	1349567.05	0-0.5	12599-1-M	TAL B	Beryllium
			1-1.5	12599-3-M	TAL B	Beryllium
			2-2.5	12599-5-M	TAL B	Beryllium
			3.0-3.5	12598-7-M	TAL B	Beryllium
			4.0-4.5	12599-9-M	TAL B	Beryllium
			5.0-5.5	12599-11-M	TAL B	Beryllium
			6.0-6.5	12599-13-M	TAL B	Beryllium
			7.0-7.5	12599-15-M	TAL B	Beryllium
12600	481625.25	1349571.74	0-0.5	12600-1-M	TAL B	Beryllium
			1-1.5	12600-3-M	TAL B	Beryllium
			2-2.5	12600-5-M	TAL B	Beryllium
			3.0-3.5	12600-7-M	TAL B	Beryllium
			4.0-4.5	12600-9-M	TAL B	Beryllium
			5.0-5.5	12600-11-M	TAL B	Beryllium
			6.0-6.5	12600-13-M	TAL B	Beryllium
			7.0-7.5	12600-15-M	TAL B	Beryllium

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PRELIMINARY RESULTS FOR BORINGS 12541 THROUGH 12545

BORING	TOP DEPTH	BOTTOM DEPTH	PARAMETER	RESULT	UNITS	EXCEED WAC?	EXCEED FRL?
12541	3	3.5	Total Uranium	3.3	mg/kg		
	4	4.5	Total Uranium	11.9	mg/kg		
	5	5.5	Total Uranium	15.4	mg/kg		
	6	6.5	Total Uranium	4.44	mg/kg		
	7	7.5	Total Uranium	82.9	mg/kg		Y
	3	3.5	1,2-Dichlorothene	65	ug/kg		
	4	4.5	1,2-Dichlorothene	87	ug/kg		
	5	5.5	1,2-Dichlorothene	110	ug/kg		
	6	6.5	1,2-Dichlorothene	140	ug/kg		
	7	7.5	1,2-Dichlorothene	240	ug/kg		Y
12542	0	0.5	Total Uranium	1250	mg/kg	Y	
	3	3.5	Total Uranium	31.2	mg/kg		Y
	4	4.5	Total Uranium	53.6	mg/kg		Y
	5	5.5	Total Uranium	226	mg/kg		Y
	6	6.5	Total Uranium	23.7	mg/kg		Y
	7	7.5	Total Uranium	5.96	mg/kg		
	3	3.5	1,2-Dichlorothene	120	ug/kg		
	4	4.5	1,2-Dichlorothene	130	ug/kg		
	5	5.5	1,2-Dichlorothene	170	ug/kg		Y
	6	6.5	1,2-Dichlorothene	330	ug/kg		Y
	7	7.5	1,2-Dichlorothene	110	ug/kg		
12543	0	0.5	Total Uranium	983	mg/kg		Y
	0.5	1	Total Uranium	202	mg/kg		Y
	2	2.5	Total Uranium	469	mg/kg		Y
	3	3.5	Total Uranium	2.08	mg/kg		
	4	4.5	Total Uranium	3.57	mg/kg		
	5	5.5	Total Uranium	174	mg/kg		Y
	6	6.5	Total Uranium	1.3	mg/kg		
	7	7.5	Total Uranium	11.7	mg/kg		
	3	3.5	1,2-Dichlorothene	76	ug/kg		
	4	4.5	1,2-Dichlorothene	270	ug/kg		Y
	5	5.5	1,2-Dichlorothene	680	ug/kg		Y
	6	6.5	1,2-Dichlorothene	390	ug/kg		Y
	7	7.5	1,2-Dichlorothene	110	ug/kg		
	3	3.5	Aroclor-1254	<38	ug/kg		
	4	4.5	Aroclor-1254	560	ug/kg		Y
	5	5.5	Aroclor-1254	410	ug/kg		Y
	6	6.5	Aroclor-1254	<43	ug/kg		
	7	7.5	Aroclor-1254	<39	ug/kg		
12544	0	0.5	Total Uranium	4870	mg/kg	Y	
	0.5	1	Total Uranium	147	mg/kg		Y
	2.5	3	Total Uranium	650	mg/kg		Y
	3	3.5	Total Uranium	42.8	mg/kg		Y
	4	4.5	Total Uranium	46.9	mg/kg		Y
	5	5.5	Total Uranium	342	mg/kg		Y
	6	6.5	Total Uranium	31.9	mg/kg		Y
	7	7.5	Total Uranium	2.69	mg/kg		
	3	3.5	1,2-Dichlorothene	130	ug/kg		

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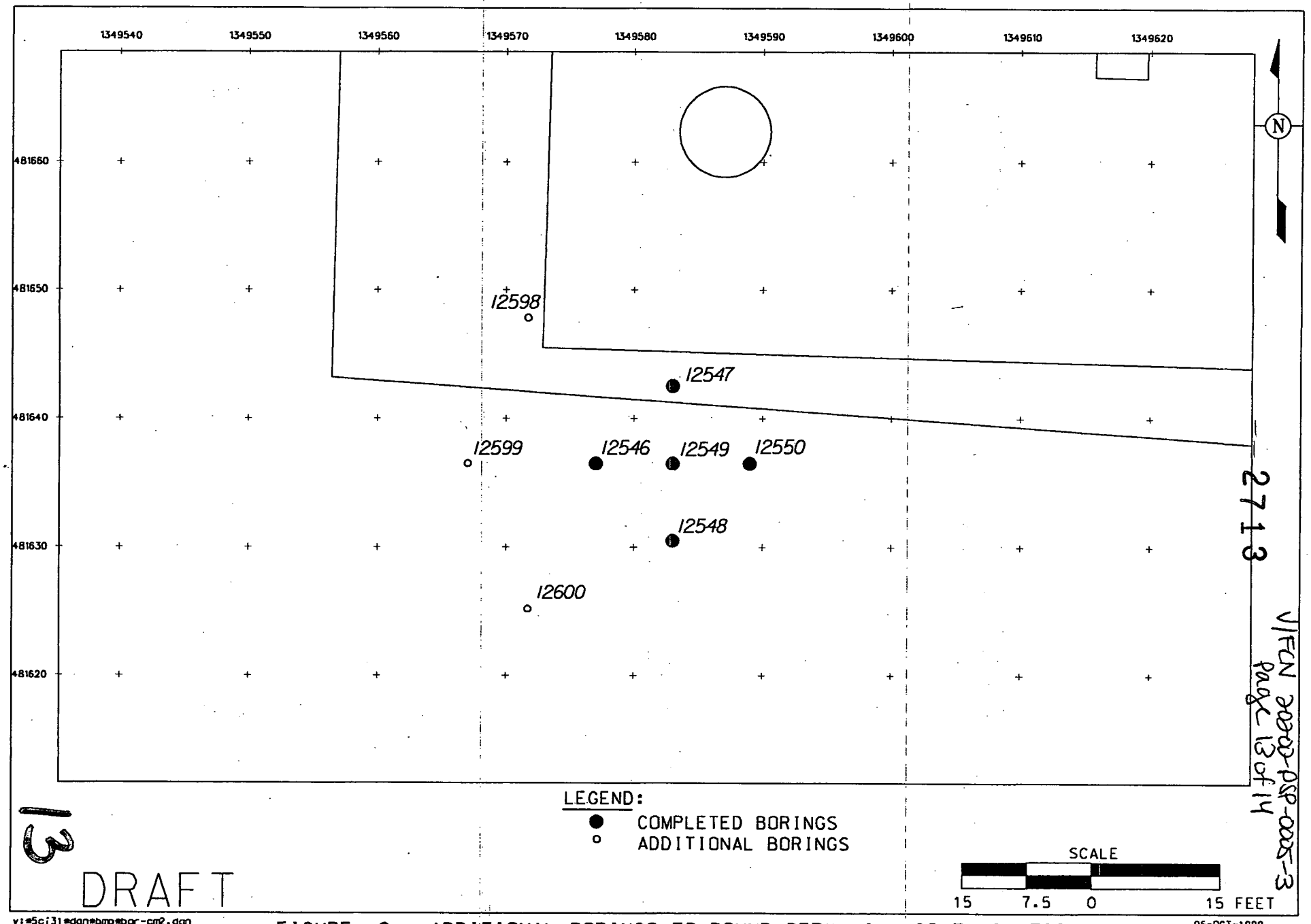
PRELIMINARY RESULTS FOR BORINGS 12541 THROUGH 12545

BORING	TOP DEPTH	BOTTOM DEPTH	PARAMETER	RESULT	UNITS	EXCEED WAC?	EXCEED FRL?
12544	4	4.5	1,2-Dichlorothene	160	ug/kg		
	5	5.5	1,2-Dichlorothene	320	ug/kg		Y
	6	6.5	1,2-Dichlorothene	150	ug/kg		
	7	7.5	1,2-Dichlorothene	340	ug/kg		Y
12545	0	0.5	Total Uranium	8860	mg/kg	Y	
	0.5	1	Total Uranium	487	mg/kg		Y
	3	3.5	Total Uranium	7.9	mg/kg		
	4	4.5	Total Uranium	16.5	mg/kg		
	5	5.5	Total Uranium	8.19	mg/kg		
	6	6.5	Total Uranium	8.38	mg/kg		
	7	7.5	Total Uranium	6.04	mg/kg		
	3	3.5	1,2-Dichlorothene	22	ug/kg		
	4	4.5	1,2-Dichlorothene	83	ug/kg		
	5	5.5	1,2-Dichlorothene	75	ug/kg		
	6	6.5	1,2-Dichlorothene	200	ug/kg		Y
	7	7.5	1,2-Dichlorothene	740	ug/kg		Y



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STATE PLANAR COORDINATE SYSTEM 1983

FIGURE 2. ADDITIONAL BORINGS TO BOUND BERYLLIUM CONTAMINATION

06-OCT-1999

PRELIMINARY RESULTS FOR BORING 12546

BORING	TOP DEPTH	BOTTOM DEPTH	PARAMETER	RESULT	UNITS	EXCEED FRL?
12546	3	3.5	Beryllium	3.31	mg/kg	Y
	4	4.5	Beryllium	2.11	mg/kg	Y
	5	5.5	Beryllium	0.878	mg/kg	
	6	6.5	Beryllium	0.59	mg/kg	
	7	7.5	Beryllium	0.542	mg/kg	