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Mr. James Saric
Remedial Project Manager
USEPA Region 5
77 West Jackson Boulevard (SR-6J)
Chicago, IL 60605-3507

SEDIMENTS

Subject:
Portage Creek Sediment Data from Phase 2 SRI Sampling

Date:
April 16, 2009

Contact:
Michael J. Erickson

Phone:
810.225.1924

Email:
michael.erickson@
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Our ref:
B0064552.500

Dear Mr. Saric:

During Phase 1 of the Area 1 Supplemental Remedial Investigation/Feasibility Studies (SRI/FS), ARCADIS conducted sediment probing activities in Portage Creek from Alcott Street to the Kalamazoo River. The results of the Portage Creek sediment probing activities were presented to the United States Environmental Protection Agency (USEPA) in the SRI/FS *Technical Memorandum – Kalamazoo River Area 1 SRI Phase 1 Data Report* (ARCADIS, March 2008). Based on these results, the Kalamazoo River Study Group (KRSG) developed a Phase 2 Work Plan for sediment sampling, modified it after receiving comments from USEPA and Michigan Department of Environmental Quality (MDEQ), and submitted the final Phase 2 Work Plan to USEPA on November 10, 2008. USEPA approved the Work Plan, and KRSG conducted the Phase 2 sediment sampling between December 1 and December 12, 2008 with agency oversight. This letter presents the results of the Phase 2 sediment sampling.

Sediment Sampling Results

Sediment samples were collected from 44 locations, 27 of which were from probed transect locations, and 17 which were from sediment deposits identified between transects during sediment probing activities. KRSG selected sediment deposits between transect locations for sampling in collaboration with USEPA and MDEQ. Sediment cores were segmented into the 0- to 2-inch depth interval, 2- to 6-inch depth interval, 6- to 12-inch depth interval, and subsequent one-foot depth intervals to the bottom of the core. Segmentation was varied where visible strata were observed within or between the standard intervals. In all, 225 samples were collected and analyzed for polychlorinated biphenyls (PCBs), total organic carbon (TOC), and grain size distribution. In addition, cores from two locations were

analyzed for Target Compound List/Target Analyte List (TCL/TAL) constituents (including volatile organic compounds [VOCs], semi-volatile organic compounds [SVOCs], metals, pesticides/herbicides) and Acid Volatile Sulfide/Simultaneously Extracted Metal (AVS/SEM).

PCB concentrations ranged from not detected to 300 milligrams per kilogram (mg/kg), reported for a field duplicate sample whose corresponding parent sample result was 150 mg/kg. The next highest result was a concentration of 230 mg/kg observed in a sample from location PCT 25-1. The highest average PCB concentration occurred at depth, in the 24- to 36-inch depth interval. The distribution of PCB results is as follows:

PCB Concentration	Percentage of Samples
Non Detect	12%
Less than 0.1 mg/kg	20%
Less than 1.0 mg/kg	53%
Less than 10 mg/kg	83%
Greater than 50 mg/kg	7%

The data are presented in the attached series of tables and figures, including comparisons of the transect data to the sediment deposit data and the transect sediment data to the 1993 RI transect sediment data. Tables 1 through 3 present analytical data from the 2008 Phase 2 sediment samples, while Tables 4 through 7 present summary statistics and data comparisons. The data are presented graphically on Figures 1 through 8.

I look forward to discussing this information with USEPA and MDEQ.

Sincerely,

ARCADIS

Michael J. Erickson, P.E.
Associate Vice President

Copies:
Paul Bucholtz, MDEQ
Jeff Keiser, CH2M HILL
Todd Goeks, NOAA
Garry Griffith, P.E., Georgia-Pacific, LLC
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Mark Brown, Ph.D., Waterviews, LLC

Enclosures:

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Tables

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Portage Creek SRI Phase 2 Sediment Sampling

Table 1 -- Portage Creek Phase 2 SRI PCB and TOC Data

Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
PCT3-3	K56006		12/2/2008	0-2	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.085	0.074	ND(0.052 U)	ND(0.052 U)	0.16	24,000
PCT3-3	K56007		12/2/2008	2-6	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.15	0.068	ND(0.052 U)	ND(0.052 U)	0.22	30,200
PCT3-3	K56008		12/2/2008	6-12	ND(0.054 U)	ND(0.054 U)	ND(0.054 U)	0.060	0.079	ND(0.054 U)	ND(0.054 U)	0.14	9,680
PCT3-3	K56009		12/2/2008	12-15	ND(0.16 U)	ND(0.16 U)	ND(0.16 U)	ND(0.16 U)	1.9	1.1	ND(0.16 U)	3.0	42,300
PCT9-1	K55947		12/2/2008	0-2	ND(1.9 U)	ND(1.9 U)	ND(1.9 U)	ND(1.9 U)	ND(1.9 U)	22	ND(1.9 U)	22	50,400
PCT9-1	K55948		12/2/2008	2-6	ND(7.0 U)	ND(7.0 U)	ND(7.0 U)	ND(7.0 U)	ND(7.0 U)	40	6.6 J	47 J	39,000
PCT9-1	K55949		12/2/2008	6-12	ND(0.85 U)	ND(0.85 U)	ND(0.85 U)	1.1	ND(0.85 U)	3.6	0.81 J	5.5 J	102,000
PCT9-1	K55950		12/2/2008	12-25	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	17,200
PCT9-1	K55951		12/2/2008	25-34	ND(0.085 U)	ND(0.085 U)	ND(0.085 U)	ND(0.085 U)	ND(0.085 U)	0.043 J	ND(0.085 U)	0.043 J	68,800
PCT9-6	K55882		12/2/2008	0-2	ND(0.079 U)	ND(0.079 U)	ND(0.079 U)	ND(0.079 U)	ND(0.079 U)	ND(0.079 U)	ND(0.079 U)	ND(0.079 U)	101,000
PCT9-6	K55883		12/2/2008	2-6	ND(0.084 U)	ND(0.084 U)	ND(0.084 U)	ND(0.084 U)	ND(0.084 U)	ND(0.084 U)	ND(0.084 U)	ND(0.084 U)	32,400
PCT9-6	K55884		12/2/2008	6-12	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	0.66	ND(0.071 U)	0.064 J	0.72 J	61,700
PCT9-6	K55885		12/2/2008	12-16	ND(0.14 U)	ND(0.14 U)	ND(0.14 U)	ND(0.14 U)	1.5	ND(0.14 U)	ND(0.14 U)	1.5	32,700
PCT16-2	K55969		12/2/2008	0-2	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.63	ND(0.11 U)	0.19	ND(0.11 U)	0.82	115,000
PCT16-2	K55970		12/2/2008	2-7	ND(0.28 U)	ND(0.28 U)	ND(0.28 U)	1.8	ND(0.28 U)	0.33	ND(0.28 U)	2.1	117,000
PCT16-2	K55971		12/2/2008	7-12	ND(6.6 U)	ND(6.6 U)	ND(6.6 U)	48	ND(6.6 U)	ND(6.6 U)	ND(6.6 U)	48	16,700
PCT16-2	K55972		12/2/2008	12-22	ND(1.3 U)	ND(1.3 U)	ND(1.3 U)	8.2	ND(1.3 U)	1.9	ND(1.3 U)	10	22,800
PCT17-3	K55900		12/2/2008	0-2	ND(0.053 U)	ND(0.053 U)	ND(0.053 U)	0.063	0.058	ND(0.053 U)	ND(0.053 U)	0.12	7,250
PCT17-3	K55901		12/2/2008	2-6	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.13	0.070	ND(0.052 U)	ND(0.052 U)	0.20	4,440
PCT17-3	K55902		12/2/2008	6-12	ND(0.054 U)	ND(0.054 U)	ND(0.054 U)	0.057	0.039 J	ND(0.054 U)	ND(0.054 U)	0.096 J	7,700
PCT17-3	K55903	K56210	12/2/2008	12-23	ND(0.57 U) [ND(0.54 U)]	ND(0.57 U) [ND(0.54 U)]	ND(0.57 U) [ND(0.54 U)]	4.4 [2.8]	ND(0.57 U) [ND(0.54 U)]	0.46 J [ND(0.54 U)]	ND(0.57 U) [ND(0.54 U)]	4.9 J [2.8]	12,800 [16,100]
PCT19-7	K55848		12/2/2008	0-2	ND(3.2 U)	ND(3.2 U)	ND(3.2 U)	23	ND(3.2 U)	ND(3.2 U)	ND(3.2 U)	23	38,500
PCT19-7	K55849		12/2/2008	2-6	ND(1.8 U)	ND(1.8 U)	ND(1.8 U)	13	ND(1.8 U)	ND(1.8 U)	ND(1.8 U)	13	36,100
PCT19-7	K55850		12/2/2008	6-12	ND(0.59 U)	ND(0.59 U)	ND(0.59 U)	2.2	ND(0.59 U)	ND(0.59 U)	ND(0.59 U)	2.2	22,500
PCT19-7	K55851		12/2/2008	12-24	ND(0.058 U)	0.078	ND(0.058 U)	0.16	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	0.24	6,790
PCT19-7	K55852		12/2/2008	24-34	ND(0.074 U)	0.70	ND(0.074 U)	ND(0.074 U)	ND(0.074 U)	ND(0.074 U)	ND(0.074 U)	0.70	54,800

See notes on Page 10.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Portage Creek SRI Phase 2 Sediment Sampling

Table 1 -- Portage Creek Phase 2 SRI PCB and TOC Data

Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
PCT22-1	K55838		12/2/2008	0-2	ND(0.060 U)	ND(0.060 U)	ND(0.060 U)	0.16	ND(0.060 U)	ND(0.060 U)	0.036 J	0.20 J	28,900
PCT22-1	K55839		12/2/2008	2-6	ND(0.12 U)	ND(0.12 U)	ND(0.12 U)	0.87	ND(0.12 U)	0.24	ND(0.12 U)	1.1	15,100
PCT22-1	K55840		12/2/2008	6-12	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	0.040 J	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	0.040 J	42,100
PCT22-1	K55841	K56206	12/2/2008	12-24	ND(0.061 U) [ND(0.062 U)]	ND(0.061 U) [ND(0.062 U)]	ND(0.061 U) [ND(0.062 U)]	ND(0.061 U) [0.038 J]	ND(0.061 U) [ND(0.062 U)]	ND(0.061 U) [ND(0.062 U)]	ND(0.061 U) [ND(0.062 U)]	ND(0.061 U) [0.038 J]	5,630 [4,720]
PCT22-1	K55842		12/2/2008	24-34	ND(0.062 U)	0.090	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	0.090	2,900
PCT24-1	K55994		12/2/2008	0-2	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	0.52	ND(0.094 U)	0.23	0.095	0.85	139,000
PCT24-1	K55995		12/2/2008	2-6	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	1.3	ND(0.11 U)	0.16	ND(0.11 U)	1.5	12,400
PCT24-1	K55996		12/2/2008	6-12	ND(0.060 U)	ND(0.060 U)	ND(0.060 U)	0.19	ND(0.060 U)	ND(0.060 U)	ND(0.060 U)	0.19	9,530
PCT24-1	K55997		12/2/2008	12-25	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	0.23	ND(0.059 U)	0.34	ND(0.059 U)	0.57	3,360
PCT24-1	K55998		12/2/2008	25-31	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	318,000
PCT24-1	K55999		12/2/2008	31-35	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	4,700
PCT25-1	K55798		12/3/2008	0-2	ND(0.051 U)	ND(0.051 U)	ND(0.051 U)	ND(0.051 U)	0.26	ND(0.051 U)	ND(0.051 U)	0.26	9,320
PCT25-1	K55799		12/3/2008	2-6	ND(0.16 U)	ND(0.16 U)	ND(0.16 U)	1.0	ND(0.16 U)	0.094 J	ND(0.16 U)	1.1 J	19,000
PCT25-1	K55800		12/3/2008	6-12	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.61	0.33	ND(0.11 U)	0.069 J	1.0 J	12,100
PCT25-1	K55801		12/3/2008	12-17	ND(4.7 U)	ND(4.7 U)	ND(4.7 U)	48	ND(4.7 U)	3.3 J	ND(4.7 U)	51 J	132,000
PCT25-1	K55802		12/3/2008	17-24	ND(21 U)	ND(21 U)	ND(21 U)	170	ND(21 U)	ND(21 U)	ND(21 U)	170	114,000
PCT25-1	K55803		12/3/2008	24-32	ND(23 U)	ND(23 U)	ND(23 U)	230	ND(23 U)	ND(23 U)	ND(23 U)	230	136,000
PCT25-1	K55804		12/3/2008	32-36	ND(0.068 U)	ND(0.068 U)	ND(0.068 U)	0.56	ND(0.068 U)	ND(0.068 U)	ND(0.068 U)	0.56	37,900
PCT25-1	K55805		12/3/2008	36-39	ND(0.055 U)	ND(0.055 U)	ND(0.055 U)	0.22	ND(0.055 U)	ND(0.055 U)	ND(0.055 U)	0.22	28,300
PCT26-9	K55858		12/10/2008	0-2	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	0.21	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	0.21	--
PCT26-9	K55859		12/3/2008	2-6	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	0.34	ND(0.058 U)	0.030 J	ND(0.058 U)	0.37 J	--
PCT26-9	K55860		12/3/2008	6-12	ND(9.8 U)	ND(9.8 U)	ND(9.8 U)	100	ND(9.8 U)	ND(9.8 U)	ND(9.8 U)	100	--

See notes on Page 10.

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Portage Creek SRI Phase 2 Sediment Sampling

Table 1 -- Portage Creek Phase 2 SRI PCB and TOC Data

Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
PCT26-9	K55861	K56205	12/3/2008	12-24	ND(11 U) [ND(28 U)]	ND(11 U) [ND(28 U)]	ND(11 U) [ND(28 U)]	150 [300]	ND(11 U) [ND(28 U)]	ND(11 U) [ND(28 U)]	ND(11 U) [ND(28 U)]	150 [300]	--
PCT26-9	K55862		12/10/2008	24-29	ND(10 U)	ND(10 U)	ND(10 U)	110	ND(10 U)	ND(10 U)	ND(10 U)	110	--
PCT26-9	K55863		12/10/2008	29-36	ND(0.36 U)	ND(0.36 U)	ND(0.36 U)	2.1	ND(0.36 U)	0.35 J	ND(0.36 U)	2.5 J	--
PCT26-9	K55864		12/10/2008	36-40	ND(0.078 U)	ND(0.078 U)	ND(0.078 U)	0.39	ND(0.078 U)	0.049 J	ND(0.078 U)	0.44 J	--
PCT31-2	K55833		12/3/2008	0-2	ND(0.068 U)	ND(0.068 U)	ND(0.068 U)	0.67	ND(0.068 U)	0.099	0.062 J	0.83 J	28,400
PCT31-2	K55834		12/3/2008	2-6	ND(0.15 U)	ND(0.15 U)	ND(0.15 U)	1.0	0.23	0.44	ND(0.15 U)	1.7	49,000
PCT31-2	K55835		12/3/2008	6-11	ND(0.28 U)	ND(0.28 U)	ND(0.28 U)	1.9	0.42	0.31	ND(0.28 U)	2.6	24,000
PCT33-1	K55952		12/3/2008	0-2	ND(0.067 U)	ND(0.067 U)	ND(0.067 U)	0.58	0.16	ND(0.067 U)	0.071	0.81	48,400
PCT33-1	K55953		12/3/2008	2-6	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.13	0.12	0.042 J	ND(0.052 U)	0.29 J	5,080
PCT33-1	K55954		12/3/2008	6-12	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.19	ND(0.052 U)	0.46	0.063	0.71	2,350
PCT33-1	K55955		12/3/2008	12-16	ND(0.59 U)	ND(0.59 U)	ND(0.59 U)	4.1	ND(0.59 U)	0.74	0.33 J	5.2 J	27,300
PCT33-1	K55956		12/3/2008	16-22	ND(0.82 U)	ND(0.82 U)	ND(0.82 U)	6.4	ND(0.82 U)	1.5	0.52 J	8.4 J	96,200
PCT33-1	K55957		12/3/2008	22-36	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	0.048 J	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	0.048 J	10,900
PCT33-1	K55958		12/3/2008	36-39	ND(0.098 U)	ND(0.098 U)	ND(0.098 U)	ND(0.098 U)	ND(0.098 U)	ND(0.098 U)	ND(0.098 U)	ND(0.098 U)	106,000
PCT33-1	K55959		12/3/2008	39-48	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	2,880
PCT33-1	K55960		12/3/2008	48-52	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	5,080
PCT36-4	K55843		12/2/2008	0-2	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.031 J	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.031 J	18,500
PCT36-4	K55844		12/2/2008	2-6	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.14	0.043 J	0.031 J	ND(0.052 U)	0.21 J	6,100
PCT36-4	K55845		12/2/2008	6-12	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.38	ND(0.11 U)	0.66	ND(0.11 U)	1.0	2,960
PCT36-4	K55846		12/2/2008	12-24	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.67	0.063 J	0.073 J	ND(0.11 U)	0.81 J	20,300
PCT36-4	K55847	K56207	12/2/2008	24-37	ND(0.31 U) [ND(0.31 U)]	ND(0.31 U) [ND(0.31 U)]	ND(0.31 U) [ND(0.31 U)]	2.7 [3.2]	ND(0.31 U) [ND(0.31 U)]	ND(0.31 U) [ND(0.31 U)]	ND(0.31 U) [ND(0.31 U)]	2.7 [3.2]	46,400 [27,600]

See notes on Page 10.

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Portage Creek SRI Phase 2 Sediment Sampling

Table 1 -- Portage Creek Phase 2 SRI PCB and TOC Data

Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
PCT42-3	K55941		12/3/2008	0-2	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	0.065	0.071	0.032 J	ND(0.058 U)	0.17 J	2,830
PCT42-3	K55942		12/3/2008	2-6	ND(0.060 U)	ND(0.060 U)	ND(0.060 U)	0.20	ND(0.060 U)	ND(0.060 U)	ND(0.060 U)	0.20	4,280
PCT42-3	K55943		12/3/2008	6-12	ND(0.060 U)	ND(0.060 U)	ND(0.060 U)	0.28	0.067	ND(0.060 U)	ND(0.060 U)	0.35	4,000
PCT42-3	K55944		12/3/2008	12-24	ND(2.5 U)	27	ND(2.5 U)	ND(2.5 U)	7.4	ND(2.5 U)	ND(2.5 U)	34	48,200
PCT42-3	K55945		12/3/2008	24-36	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.091 J	0.091 J	74,200
PCT42-3	K55946		12/3/2008	36-46	ND(0.10 U)	ND(0.10 U)	ND(0.10 U)	ND(0.10 U)	ND(0.10 U)	ND(0.10 U)	0.19	0.19	99,400
PCT44-1	K55829		12/3/2008	0-2	ND(0.28 U)	ND(0.28 U)	ND(0.28 U)	ND(0.28 U)	3.2	ND(0.28 U)	0.39	3.6	139,000
PCT44-1	K55830		12/3/2008	2-6	ND(0.18 U)	ND(0.18 U)	ND(0.18 U)	ND(0.18 U)	1.6	0.45	0.37	2.4	161,000
PCT44-1	K55831		12/3/2008	6-10	ND(0.15 U)	ND(0.15 U)	ND(0.15 U)	ND(0.15 U)	1.0	0.25	0.15	1.4	39,600
PCT44-1	K55832		12/3/2008	10-15	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	0.53	0.13	0.089	0.75	7,880
PCT45-1	K55890		12/3/2008	0-2	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	71,400
PCT45-1	K55891		12/3/2008	2-6	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	83,500
PCT45-1	K55892		12/3/2008	6-12	ND(0.080 U)	ND(0.080 U)	ND(0.080 U)	0.22	ND(0.080 U)	0.042 J	ND(0.080 U)	0.26 J	89,300
PCT45-1	K55893		12/3/2008	12-14	ND(0.14 U)	ND(0.14 U)	ND(0.14 U)	1.4	ND(0.14 U)	ND(0.14 U)	ND(0.14 U)	1.4	57,400
PCT46-1	K55961		12/3/2008	0-2	ND(0.22 U)	ND(0.22 U)	ND(0.22 U)	0.67	0.85	0.14 J	ND(0.22 U)	1.7 J	67,000
PCT46-1	K55962		12/3/2008	2-6	ND(0.17 U)	ND(0.17 U)	ND(0.17 U)	0.67	0.50	ND(0.17 U)	ND(0.17 U)	1.2	82,200
PCT46-1	K55963		12/3/2008	6-12	ND(0.080 U)	ND(0.080 U)	ND(0.080 U)	ND(0.080 U)	ND(0.080 U)	ND(0.080 U)	ND(0.080 U)	ND(0.080 U)	56,000
PCT46-1	K55964		12/3/2008	12-16	ND(0.082 U)	ND(0.082 U)	ND(0.082 U)	ND(0.082 U)	ND(0.082 U)	ND(0.082 U)	ND(0.082 U)	ND(0.082 U)	43,800
PCT47-1	K55823		12/9/2008	0-2	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	0.70	ND(0.070 U)	0.30	0.088	1.1	27,500
PCT47-1	K55824		12/9/2008	2-6	ND(0.58 U)	ND(0.58 U)	ND(0.58 U)	6.8	ND(0.58 U)	ND(0.58 U)	0.41 J	7.2 J	95,000
PCT47-1	K55825		12/9/2008	6-8	ND(8.0 U)	56	ND(8.0 U)	23	ND(8.0 U)	ND(8.0 U)	ND(8.0 U)	79	56,000
PCT47-1	K55826		12/9/2008	8-12	ND(0.60 U)	ND(0.60 U)	ND(0.60 U)	3.1	ND(0.60 U)	ND(0.60 U)	ND(0.60 U)	3.1	47,000
PCT47-1	K55827	K56204	12/9/2008	12-18	ND(0.10 U) [ND(0.10 U)]	0.76 [0.72]	ND(0.10 U) [ND(0.10 U)]	0.74 [0.52]	ND(0.10 U) [ND(0.10 U)]	ND(0.10 U) [ND(0.10 U)]	ND(0.10 U) [ND(0.10 U)]	1.5 [1.2]	131,000 [130,000]
PCT47-1	K55828		12/9/2008	18-22	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	88,300

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Portage Creek SRI Phase 2 Sediment Sampling

Table 1 -- Portage Creek Phase 2 SRI PCB and TOC Data

Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
PCT48-4	K55782		12/3/2008	0-2	ND(0.051 U)	ND(0.051 U)	ND(0.051 U)	0.19	0.11	0.045 J	ND(0.051 U)	0.35 J	6,410
PCT48-4	K55783		12/3/2008	2-6	ND(0.053 U)	ND(0.053 U)	ND(0.053 U)	0.16	0.24	ND(0.053 U)	0.049 J	0.45 J	11,600
PCT48-4	K55784		12/3/2008	6-12	ND(0.37 U)	ND(0.37 U)	ND(0.37 U)	2.6	1.6	ND(0.37 U)	0.27 J	4.5 J	116,000
PCT48-4	K55785		12/3/2008	12-23	ND(0.17 U)	ND(0.17 U)	ND(0.17 U)	0.61	1.0	ND(0.17 U)	0.15 J	1.8 J	62,100
PCT49-2	K55816		12/9/2008	0-2	ND(0.36 U)	ND(0.36 U)	ND(0.36 U)	2.9	ND(0.36 U)	0.26 J	ND(0.36 U)	3.2 J	--
PCT49-2	K55817		12/9/2008	2-6	ND(9.0 U)	37	ND(9.0 U)	19	6.7 J	ND(9.0 U)	ND(9.0 U)	63 J	--
PCT49-2	K55818		12/9/2008	6-12	ND(0.086 U)	ND(0.086 U)	0.86	ND(0.086 U)	ND(0.086 U)	ND(0.086 U)	ND(0.086 U)	0.86	--
PCT49-2	K55819		12/9/2008	12-15	ND(0.45 U)	ND(0.45 U)	ND(0.45 U)	3.8	ND(0.45 U)	ND(0.45 U)	ND(0.45 U)	3.8	--
PCT49-2	K55820		12/9/2008	15-24	ND(0.069 U)	ND(0.069 U)	0.40	ND(0.069 U)	ND(0.069 U)	ND(0.069 U)	ND(0.069 U)	0.40	--
PCT49-2	K55821		12/9/2008	24-36	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	ND(0.083 U)	--
PCT49-2	K55822		12/9/2008	36-42	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	--
PCT50-6	K55836		12/3/2008	0-2	ND(0.13 U)	ND(0.13 U)	ND(0.13 U)	0.39	0.29	0.16	ND(0.13 U)	0.84	65,800
PCT50-6	K55837		12/3/2008	2-7	ND(0.24 U)	ND(0.24 U)	ND(0.24 U)	0.88	0.43	0.23 J	ND(0.24 U)	1.5 J	93,000
PCT51-1	K55897		12/3/2008	0-2	ND(0.23 U)	ND(0.23 U)	ND(0.23 U)	2.0	0.41	ND(0.23 U)	ND(0.23 U)	2.4	58,600
PCT51-1	K55898		12/3/2008	2-6	ND(0.20 U)	ND(0.20 U)	ND(0.20 U)	1.3	0.85	ND(0.20 U)	0.39	2.5	110,000
PCT51-1	K55899		12/3/2008	6-9	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	ND(0.091 U)	0.045 J	0.045 J	57,100
PCT53-9	K55973		12/9/2008	0-2	ND(0.063 U)	ND(0.063 U)	ND(0.063 U)	0.28	ND(0.063 U)	0.091	0.032 J	0.40 J	47,300
PCT53-9	K55974		12/9/2008	2-6	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	0.64	ND(0.059 U)	0.088	0.032 J	0.76 J	12,400
PCT53-9	K55975		12/9/2008	6-12	ND(0.18 U)	ND(0.18 U)	ND(0.18 U)	0.81	ND(0.18 U)	0.67	ND(0.18 U)	1.5	10,200
PCT53-9	K55976		12/9/2008	12-17	ND(0.22 U)	ND(0.22 U)	ND(0.22 U)	2.0	0.54	ND(0.22 U)	ND(0.22 U)	2.5	6,330
PPT1-1	K55870		12/8/2008	0-2	ND(11 U)	ND(11 U)	ND(11 U)	130	ND(11 U)	ND(11 U)	ND(11 U)	130	128,000
PPT1-1	K55871		12/8/2008	2-4	ND(4.9 U)	ND(4.9 U)	ND(4.9 U)	50	ND(4.9 U)	ND(4.9 U)	ND(4.9 U)	50	92,300
PPT1-1	K55872		12/8/2008	4-12	ND(0.78 U)	ND(0.78 U)	ND(0.78 U)	1.2	ND(0.78 U)	ND(0.78 U)	ND(0.78 U)	1.2	70,200
PPT1-1	K55873		12/8/2008	12-24	ND(0.088 U)	ND(0.088 U)	ND(0.088 U)	ND(0.088 U)	ND(0.088 U)	ND(0.088 U)	0.12	0.12	100,000

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Portage Creek SRI Phase 2 Sediment Sampling

Table 1 -- Portage Creek Phase 2 SRI PCB and TOC Data

Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
PPT1-4	K55853		12/8/2008	0-2	ND(0.081 U)	ND(0.081 U)	ND(0.081 U)	0.77	ND(0.081 U)	0.16	ND(0.081 U)	0.93	54,800
PPT1-4	K55854		12/8/2008	2-6	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	0.28	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	0.28	13,700
PPT1-4	K55855		12/8/2008	6-12	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	0.28	0.099	0.052 J	ND(0.058 U)	0.43 J	13,400
PPT1-4	K55856		12/8/2008	12-22	ND(0.61 U)	ND(0.61 U)	ND(0.61 U)	6.8	ND(0.61 U)	0.39 J	ND(0.61 U)	7.2 J	15,000
PPT1-4	K55857	K56208	12/8/2008	22-33	ND(1.0 U) [ND(1.0 U)]	ND(1.0 U) [ND(1.0 U)]	ND(1.0 U) [ND(1.0 U)]	14 [14]	ND(1.0 U) [ND(1.0 U)]	7.0 [4.9]	ND(1.0 U) [ND(1.0 U)]	21 [19]	86,400 [84,000]
PPT8-3	K55806		12/3/2008	0-2	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.14	ND(0.052 U)	ND(0.052 U)	ND(0.052 U)	0.14	6,980
PPT8-3	K55807		12/3/2008	2-8	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	0.26	ND(0.059 U)	0.075	ND(0.059 U)	0.34	11,500
PPT8-3	K55808		12/3/2008	8-12	ND(0.38 U)	ND(0.38 U)	ND(0.38 U)	3.0	ND(0.38 U)	0.30 J	ND(0.38 U)	3.3 J	91,100
PPT8-3	K55809		12/3/2008	12-21	ND(0.66 U)	ND(0.66 U)	ND(0.66 U)	6.6	ND(0.66 U)	0.67	ND(0.66 U)	7.3	26,800
PPT8-3	K55810	K56203	12/3/2008	21-24	ND(3.3 U) [ND(0.66 U)]	ND(3.3 U) [ND(0.66 U)]	ND(3.3 U) [ND(0.66 U)]	23 [5.5]	3.6 [ND(0.66 U)]	ND(3.3 U) [0.93]	1.8 J [ND(0.66 U)]	28 J [6.4]	119,000 [31,800]
PPT8-3	K55811		12/3/2008	24-31	ND(2.4 U)	12	ND(2.4 U)	5.1	3.6	ND(2.4 U)	ND(2.4 U)	21	97,600
PPT10-2	K56000		12/2/2008	0-2	ND(0.063 U)	ND(0.063 U)	ND(0.063 U)	0.076	0.059 J	ND(0.063 U)	ND(0.063 U)	0.14 J	3,750
PPT10-2	K56001		12/2/2008	2-7	ND(0.19 U)	ND(0.19 U)	ND(0.19 U)	1.0	ND(0.19 U)	ND(0.19 U)	0.25	1.3	12,100
PPT10-2	K56002		12/2/2008	7-12	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.76	ND(0.11 U)	0.063 J	ND(0.11 U)	0.82 J	5,730
PPT10-2	K56003	K56215	12/2/2008	12-21	ND(4.0 U) [ND(7.8 U)]	ND(4.0 U) [ND(7.8 U)]	ND(4.0 U) [ND(7.8 U)]	51 [64]	ND(4.0 U) [ND(7.8 U)]	4.6 [4.3 J]	ND(4.0 U) [ND(7.8 U)]	56 [68 J]	55,800 [35,800]
PPT10-2	K56004		12/2/2008	21-23	ND(0.79 U)	ND(0.79 U)	ND(0.79 U)	5.9	ND(0.79 U)	0.45 J	ND(0.79 U)	6.4 J	79,500
PPT10-2	K56005		12/2/2008	23-26	ND(0.60 U)	ND(0.60 U)	ND(0.60 U)	2.5	ND(0.60 U)	ND(0.60 U)	ND(0.60 U)	2.5	20,600
SD-03	K55894		12/2/2008	0-2	ND(0.056 U)	ND(0.056 U)	ND(0.056 U)	ND(0.056 U)	ND(0.056 U)	ND(0.056 U)	ND(0.056 U)	ND(0.056 U)	14,700
SD-03	K55895		12/2/2008	2-6	ND(0.059 U)	ND(0.059 U)	ND(0.059 U)	0.13	ND(0.059 U)	0.030 J	ND(0.059 U)	0.16 J	4,030
SD-03	K55896		12/2/2008	6-10	ND(1.2 U)	ND(1.2 U)	ND(1.2 U)	14	ND(1.2 U)	2.0	ND(1.2 U)	16	14,500
SD-04	K55981		12/2/2008	0-2	ND(0.75 U)	ND(0.75 U)	ND(0.75 U)	4.2	ND(0.75 U)	1.4	ND(0.75 U)	5.6	81,600
SD-04	K55982		12/2/2008	2-7	ND(0.30 U)	ND(0.30 U)	ND(0.30 U)	ND(0.30 U)	3.7	0.84	ND(0.30 U)	4.5	42,900

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Table 1 -- Portage Creek Phase 2 SRI PCB and TOC Data

Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
SD-14	K55886		12/2/2008	0-2	ND(0.14 U)	ND(0.14 U)	ND(0.14 U)	ND(0.14 U)	1.1	ND(0.14 U)	0.17	1.3	150,000
SD-14	K55887		12/2/2008	2-7	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	0.054 J	ND(0.070 U)	ND(0.070 U)	0.054 J	19,600
SD-14	K55888		12/2/2008	7-12	ND(0.067 U)	ND(0.067 U)	ND(0.067 U)	0.12	0.047 J	0.063 J	ND(0.067 U)	0.23 J	28,800
SD-14	K55889		12/2/2008	12-15	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	0.039 J	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	0.039 J	17,100
SD-15	K55965		12/2/2008	0-2	ND(0.087 U)	ND(0.087 U)	ND(0.087 U)	ND(0.087 U)	0.47	0.56	0.13	1.2	106,000
SD-15	K55966		12/2/2008	2-8	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	0.081	0.16	0.12	0.36	82,700
SD-15	K55967		12/2/2008	8-12	ND(0.078 U)	ND(0.078 U)	ND(0.078 U)	ND(0.078 U)	0.093	0.055 J	ND(0.078 U)	0.15 J	91,000
SD-15	K55968		12/2/2008	12-23	ND(0.076 U)	ND(0.076 U)	ND(0.076 U)	ND(0.076 U)	0.076 J	ND(0.076 U)	ND(0.076 U)	0.076 J	54,500
SD-16A	K55874		12/2/2008	0-2	ND(0.088 U)	ND(0.088 U)	ND(0.088 U)	0.33	ND(0.088 U)	ND(0.088 U)	ND(0.088 U)	0.33	64,100
SD-16A	K55875		12/2/2008	2-6	ND(0.074 U)	ND(0.074 U)	ND(0.074 U)	0.26	ND(0.074 U)	ND(0.074 U)	ND(0.074 U)	0.26	38,500
SD-16A	K55876	K56209	12/2/2008	6-12	ND(0.074 U) [ND(0.078 U)]	ND(0.074 U) [ND(0.078 U)]	ND(0.074 U) [ND(0.078 U)]	0.17 [0.17]	ND(0.074 U) [ND(0.078 U)]	ND(0.074 U) [ND(0.078 U)]	ND(0.074 U) [ND(0.078 U)]	0.17 [0.17]	38,800 [34,600]
SD-16A	K55877		12/2/2008	12-19	ND(0.055 U)	ND(0.055 U)	ND(0.055 U)	0.030 J	ND(0.055 U)	ND(0.055 U)	ND(0.055 U)	0.030 J	9,620
SD-18	K55878		12/2/2008	0-2	ND(0.065 U)	ND(0.065 U)	ND(0.065 U)	0.16	ND(0.065 U)	ND(0.065 U)	ND(0.065 U)	0.16	25,500
SD-18	K55879		12/2/2008	2-6	ND(0.055 U)	ND(0.055 U)	ND(0.055 U)	ND(0.055 U)	ND(0.055 U)	0.090	ND(0.055 U)	0.090	9,830
SD-18	K55880		12/2/2008	6-12	ND(0.56 U)	ND(0.56 U)	ND(0.56 U)	4.1	ND(0.56 U)	ND(0.56 U)	ND(0.56 U)	4.1	18,400
SD-18	K55881		12/2/2008	12-18	ND(0.17 U)	ND(0.17 U)	ND(0.17 U)	1.1	ND(0.17 U)	ND(0.17 U)	ND(0.17 U)	1.1	10,300
SD-20	K55910		12/2/2008	0-2	ND(0.14 U)	ND(0.14 U)	ND(0.14 U)	0.45	ND(0.14 U)	ND(0.14 U)	0.56	1.0	38,000
SD-20	K55911		12/2/2008	2-6	ND(0.17 U)	ND(0.17 U)	ND(0.17 U)	0.62	ND(0.17 U)	0.33	ND(0.17 U)	0.95	77,100
SD-20	K55912		12/2/2008	6-10	ND(0.58 U)	ND(0.58 U)	4.7	ND(0.58 U)	ND(0.58 U)	ND(0.58 U)	ND(0.58 U)	4.7	42,800
SD-20	K55913	K56211	12/2/2008	10-24	ND(0.88 U) [ND(0.93 U)]	ND(0.88 U) [ND(0.93 U)]	ND(0.88 U) [ND(0.93 U)]	12 [9.1]	ND(0.88 U) [ND(0.93 U)]	3.1 [2.7]	ND(0.88 U) [ND(0.93 U)]	15 [12]	74,000 [92,800]
SD-20	K55914		12/2/2008	24-37	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	0.12	0.12	111,000
SD-20	K55915		12/2/2008	37-40	ND(0.086 U)	ND(0.086 U)	ND(0.086 U)	ND(0.086 U)	ND(0.086 U)	ND(0.086 U)	ND(0.086 U)	ND(0.086 U)	69,400

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Portage Creek SRI Phase 2 Sediment Sampling

Table 1 -- Portage Creek Phase 2 SRI PCB and TOC Data

Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
SD-21	K55932		12/3/2008	0-2	ND(0.15 U)	ND(0.15 U)	ND(0.15 U)	0.64	0.14 J	0.13 J	ND(0.15 U)	0.91 J	7,880
SD-21	K55933		12/3/2008	2-6	ND(0.10 U)	ND(0.10 U)	ND(0.10 U)	0.86	ND(0.10 U)	ND(0.10 U)	ND(0.10 U)	0.86	8,810
SD-21	K55934		12/3/2008	6-12	ND(0.10 U)	ND(0.10 U)	ND(0.10 U)	0.21	0.48	ND(0.10 U)	0.057 J	0.75 J	10,500
SD-21	K55935		12/3/2008	12-24	ND(1.5 U)	9.0	ND(1.5 U)	3.2	1.0 J	ND(1.5 U)	ND(1.5 U)	13 J	14,100
SD-21	K55936		12/3/2008	24-27	ND(1.5 U)	8.4	ND(1.5 U)	3.3	ND(1.5 U)	ND(1.5 U)	ND(1.5 U)	12	8,000
SD-21	K55937	K56213	12/3/2008	27-36	ND(4.5 U) [ND(8.9 U)]	ND(4.5 U) [ND(8.9 U)]	ND(4.5 U) [ND(8.9 U)]	55 [78]	ND(4.5 U) [ND(8.9 U)]	ND(4.5 U) [ND(8.9 U)]	ND(4.5 U) [ND(8.9 U)]	55 [78]	115,000 [83,400]
SD-21	K55938		12/3/2008	36-40	ND(10 U)	ND(10 U)	ND(10 U)	120	ND(10 U)	ND(10 U)	ND(10 U)	120	113,000
SD-21	K55939		12/3/2008	40-48	ND(1.3 U)	ND(1.3 U)	ND(1.3 U)	13	ND(1.3 U)	1.7	ND(1.3 U)	15	25,400
SD-21	K55940		12/3/2008	48-54	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	0.15	0.15	73,400
SD-22	K55923		12/3/2008	0-2	ND(0.10 U)	ND(0.10 U)	ND(0.10 U)	0.76	ND(0.10 U)	0.38	ND(0.10 U)	1.1	88,500
SD-22	K55924		12/3/2008	2-6	ND(0.25 U)	ND(0.25 U)	ND(0.25 U)	1.3	ND(0.25 U)	0.19 J	ND(0.25 U)	1.5 J	37,600
SD-22	K55925		12/3/2008	6-13	ND(1.5 U)	ND(1.5 U)	16	ND(1.5 U)	ND(1.5 U)	ND(1.5 U)	ND(1.5 U)	16	21,100
SD-22	K55926	K56212	12/3/2008	13-24	ND(16 U) [ND(5.0 U)]	ND(16 U) [ND(5.0 U)]	ND(16 U) [ND(5.0 U)]	100 [59]	ND(16 U) [ND(5.0 U)]	ND(16 U) [ND(5.0 U)]	20 [8.2]	120 [67]	35,000 [111,000]
SD-22	K55927		12/3/2008	24-27	ND(10 U)	ND(10 U)	ND(10 U)	130	ND(10 U)	ND(10 U)	ND(10 U)	130	107,000
SD-22	K55928		12/3/2008	27-36	ND(5.0 U)	ND(5.0 U)	ND(5.0 U)	45	ND(5.0 U)	28	ND(5.0 U)	73	81,300
SD-22	K55929		12/3/2008	36-43	ND(0.25 U)	ND(0.25 U)	ND(0.25 U)	2.1	ND(0.25 U)	ND(0.25 U)	0.13 J	2.2 J	97,600
SD-22	K55930		12/3/2008	43-48	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	70,600
SD-22	K55931		12/3/2008	48-54	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	12,200

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Table 1 -- Portage Creek Phase 2 SRI PCB and TOC Data

Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
SD-25	K55983		12/3/2008	0-2	ND(0.055 U)	ND(0.055 U)	ND(0.055 U)	0.32	0.049 J	0.11	0.046 J	0.53 J	30,400
SD-25	K55984		12/3/2008	2-6	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.92	ND(0.11 U)	0.11	ND(0.11 U)	1.0	23,200
SD-25	K55985		12/3/2008	6-12	ND(0.19 U)	ND(0.19 U)	ND(0.19 U)	0.93	ND(0.19 U)	0.49	0.11 J	1.5 J	57,400
SD-25	K55986		12/3/2008	12-22	ND(0.053 U)	ND(0.053 U)	ND(0.053 U)	0.45	0.17	ND(0.053 U)	0.046 J	0.67 J	7,660
SD-25	K55987		12/3/2008	22-26	ND(0.87 U)	ND(0.87 U)	ND(0.87 U)	8.7	ND(0.87 U)	ND(0.87 U)	ND(0.87 U)	8.7	144,000
SD-25	K55988		12/3/2008	26-36	ND(0.32 U)	ND(0.32 U)	ND(0.32 U)	3.3	ND(0.32 U)	ND(0.32 U)	0.21 J	3.5 J	35,700
SD-25	K55989		12/3/2008	36-48	ND(0.29 U)	ND(0.29 U)	ND(0.29 U)	2.1	ND(0.29 U)	ND(0.29 U)	ND(0.29 U)	2.1	16,200
SD-25	K55990		12/3/2008	48-58	ND(0.66 U)	ND(0.66 U)	ND(0.66 U)	4.9	ND(0.66 U)	ND(0.66 U)	ND(0.66 U)	4.9	50,600
SD-25	K55991	K56214	12/3/2008	58-72	ND(2.2 U) [ND(2.1 U)]	ND(2.2 U) [ND(2.1 U)]	ND(2.2 U) [ND(2.1 U)]	24 [18]	ND(2.2 U) [ND(2.1 U)]	3.5 [1.9 J]	ND(2.2 U) [ND(2.1 U)]	28 [20 J]	215,000 [153,000]
SD-25	K55992		12/3/2008	72-79	ND(0.89 U)	ND(0.89 U)	ND(0.89 U)	11	ND(0.89 U)	ND(0.89 U)	ND(0.89 U)	11	77,600
SD-25	K55993		12/3/2008	79-86	ND(0.060 U)	ND(0.060 U)	ND(0.060 U)	0.50	ND(0.060 U)	ND(0.060 U)	ND(0.060 U)	0.50	11,500
SD-27	K55786		12/3/2008	0-2	ND(0.082 U)	ND(0.082 U)	ND(0.082 U)	0.13	0.078 J	ND(0.082 U)	ND(0.082 U)	0.21 J	69,300
SD-27	K55787		12/3/2008	2-6	ND(0.085 U)	ND(0.085 U)	ND(0.085 U)	0.13	0.070 J	ND(0.085 U)	ND(0.085 U)	0.20 J	68,200
SD-27	K55788		12/3/2008	6-12	ND(0.096 U)	ND(0.096 U)	ND(0.096 U)	0.18	ND(0.096 U)	ND(0.096 U)	ND(0.096 U)	0.18	63,700
SD-27	K55789		12/3/2008	12-17	ND(0.057 U)	ND(0.057 U)	ND(0.057 U)	ND(0.057 U)	ND(0.057 U)	ND(0.057 U)	ND(0.057 U)	ND(0.057 U)	9,470
SD-28	K55977		12/3/2008	0-2	ND(0.15 U)	ND(0.15 U)	ND(0.15 U)	0.75	ND(0.15 U)	0.20	0.079 J	1.0 J	43,700
SD-28	K55978		12/3/2008	2-6	ND(0.15 U)	ND(0.15 U)	ND(0.15 U)	1.1	ND(0.15 U)	0.22	0.076 J	1.4 J	21,000
SD-28	K55979		12/3/2008	6-12	ND(2.4 U)	12	ND(2.4 U)	ND(2.4 U)	4.7	ND(2.4 U)	ND(2.4 U)	17	31,700
SD-28	K55980		12/3/2008	12-17	ND(3.8 U)	ND(3.8 U)	ND(3.8 U)	27	ND(3.8 U)	ND(3.8 U)	ND(3.8 U)	27	64,100
SD-29	K55777		12/3/2008	0-2	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.75	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.75	8,190
SD-29	K55778		12/3/2008	2-6	ND(0.053 U)	ND(0.053 U)	ND(0.053 U)	0.18	0.12	ND(0.053 U)	0.028 J	0.33 J	7,900
SD-29	K55779		12/3/2008	6-12	ND(0.57 U)	ND(0.57 U)	ND(0.57 U)	4.2	ND(0.57 U)	ND(0.57 U)	ND(0.57 U)	4.2	15,600
SD-29	K55780		12/3/2008	12-19	ND(0.63 U)	ND(0.63 U)	ND(0.63 U)	7.5	ND(0.63 U)	0.50 J	ND(0.63 U)	8.0 J	9,400
SD-29	K55781		12/3/2008	19-23	ND(0.085 U)	ND(0.085 U)	ND(0.085 U)	0.72	ND(0.085 U)	ND(0.085 U)	ND(0.085 U)	0.72	90,500

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Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Organic Carbon (mg/kg)
SD-31	K55812		12/3/2008	0-2	ND(0.098 U)	ND(0.098 U)	ND(0.098 U)	0.64	ND(0.098 U)	0.24	0.057 J	0.94 J	130,000
SD-31	K55813		12/3/2008	2-8	ND(0.060 U)	ND(0.060 U)	ND(0.060 U)	0.39	ND(0.060 U)	0.13	0.096	0.62	12,500
SD-31	K55814		12/3/2008	8-12	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	5,670
SD-31	K55815		12/3/2008	12-15	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	ND(0.062 U)	2,650
SD-32	K55865		12/8/2008	0-2	ND(2.2 U)	ND(2.2 U)	ND(2.2 U)	35 E	ND(2.2 U)	ND(2.2 U)	ND(2.2 U)	35 E	122,000
SD-32	K55866		12/8/2008	2-6	ND(0.90 U)	ND(0.90 U)	ND(0.90 U)	3.4	ND(0.90 U)	ND(0.90 U)	1.1	4.5	80,100
SD-32	K55867		12/8/2008	6-9	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	ND(0.066 U)	0.092	ND(0.066 U)	ND(0.066 U)	0.092	16,300
SD-32	K55868		12/8/2008	9-14	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	ND(0.070 U)	0.093	0.097	0.19	49,800
SD-32	K55869		12/8/2008	14-21	ND(0.064 U)	ND(0.064 U)	ND(0.064 U)	ND(0.064 U)	ND(0.064 U)	ND(0.064 U)	ND(0.064 U)	ND(0.064 U)	59,900
SD-34	K55916		12/9/2008	0-2	ND(0.13 U)	ND(0.13 U)	ND(0.13 U)	1.2	0.35	ND(0.13 U)	0.11 J	1.7 J	131,000
SD-34	K55917		12/9/2008	2-6	ND(0.11 U)	ND(0.11 U)	ND(0.11 U)	0.76	0.48	0.15	0.080 J	1.5 J	130,000
SD-34	K55918		12/9/2008	6-12	ND(0.68 U)	ND(0.68 U)	ND(0.68 U)	5.7	0.95	ND(0.68 U)	0.36 J	7.0 J	124,000
SD-34	K55919		12/9/2008	12-24	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	0.53	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	0.53	64,800
SD-34	K55920		12/9/2008	24-26	ND(5.0 U)	ND(5.0 U)	ND(5.0 U)	66	ND(5.0 U)	ND(5.0 U)	ND(5.0 U)	66	45,800
SD-34	K55921		12/9/2008	26-36	ND(0.25 U)	ND(0.25 U)	ND(0.25 U)	2.1	ND(0.25 U)	0.40	ND(0.25 U)	2.5	61,900
SD-34	K55922		12/9/2008	36-39	ND(0.050 U)	ND(0.050 U)	ND(0.050 U)	0.56	ND(0.050 U)	0.26	ND(0.050 U)	0.82	57,100
SD-35	K55904		12/9/2008	0-2	ND(0.063 U)	ND(0.063 U)	ND(0.063 U)	0.14	0.040 J	ND(0.063 U)	ND(0.063 U)	0.18 J	20,000
SD-35	K55905		12/9/2008	2-6	ND(0.061 U)	ND(0.061 U)	ND(0.061 U)	0.16	0.042 J	ND(0.061 U)	ND(0.061 U)	0.20 J	13,400
SD-35	K55906		12/9/2008	6-12	ND(0.32 U)	ND(0.32 U)	ND(0.32 U)	1.8	0.59	0.38	0.23 J	3.0 J	17,000
SD-35	K55907		12/9/2008	12-19	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	ND(0.058 U)	8,720
SD-35	K55908		12/9/2008	19-24	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	ND(0.094 U)	81,300
SD-35	K55909		12/9/2008	24-29	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	ND(0.071 U)	30,300

Notes:

ND - Non-detect

J - Indicates an estimated value.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

UJ - The compound was not detected above the reported sample quantitation limit. However, thereported limit is approximate and may or may not represent the actual limit of quantitation.

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Table 2 -- Portage Creek Phase 2 SRI Particle Size Distribution Data

						Soil Classification						Hydrometer Size Range (percent passing)						
Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Solids (%)	Gravel (%)	Sand (%)	Medium Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)	1.3 - 1.5 um	3.0 - 3.6 um	5.9 - 7.2 um	7.9 - 10.0 um	10.7 - 14.0 um	18.0 - 24.0 um	27.0 - 38.0 um
PCT3-3	K56006		12/2/2008	0-2	96	81	9.5	7.1	2.0	0.60	0.0	0.0	0.0	0.0	0.0	0.20	0.20	0.20
PCT3-3	K56007		12/2/2008	2-6	96	68	13	14	4.5	0.70	0.20	0.20	0.20	0.20	0.40	0.70	0.70	0.70
PCT3-3	K56008		12/2/2008	6-12	93	49	15	24	12	0.70	0.30	0.30	0.30	0.30	0.70	1.0	1.0	1.0
PCT3-3	K56009		12/2/2008	12-15	62	18	7.6	30	35	6.6	1.9	1.2	1.3	1.9	2.5	3.1	3.8	4.4
PCT9-1	K55947		12/2/2008	0-2	78	16	9.0	27	36	12	1.2	1.0	1.0	1.2	1.2	3.5	3.5	5.9
PCT9-1	K55948		12/2/2008	2-6	71	6.3	11	24	49	8.5	0.10	0.0	0.0	0.10	0.80	1.6	2.3	3.7
PCT9-1	K55949		12/2/2008	6-12	59	5.1	12	22	46	15	0.70	0.0	0.60	0.70	1.3	1.9	2.5	3.7
PCT9-1	K55950		12/2/2008	12-25	76	1.0	2.1	21	63	12	0.70	0.0	0.0	0.70	0.70	1.3	1.8	2.4
PCT9-1	K55951		12/2/2008	25-34	59	0.70	0.70	8.0	26	46	19	6.8	11	19	26	33	44	53
PCT9-6	K55882		12/2/2008	0-2	63	38	8.2	18	30	4.1	1.6	0.90	0.90	1.6	2.2	2.8	3.5	4.1
PCT9-6	K55883		12/2/2008	2-6	59	35	1.6	5.9	25	25	7.8	2.8	5.3	7.8	10	13	18	20
PCT9-6	K55884		12/2/2008	6-12	70	8.8	2.7	5.6	42	32	9.2	4.2	6.7	9.2	13	17	24	32
PCT9-6	K55885		12/2/2008	12-16	72	50	3.3	7.9	23	13	3.8	2.1	3.0	3.8	4.7	6.4	8.1	9.8
PCT16-2	K55969		12/2/2008	0-2	45	2.3	1.2	7.6	49	37	2.9	0.80	1.0	2.9	14	18	19	21
PCT16-2	K55970		12/2/2008	2-7	53	23	7.2	12	41	13	4.7	1.9	2.3	4.7	7.0	9.3	14	16
PCT16-2	K55971		12/2/2008	7-12	76	12	7.0	27	45	5.7	3.2	1.2	2.6	3.2	3.8	4.5	5.8	7.0
PCT16-2	K55972		12/2/2008	12-22	77	0.90	4.9	18	35	31	11	3.6	5.9	11	15	21	29	32
PCT17-3	K55900		12/2/2008	0-2	95	37	12	26	23	1.7	0.80	0.40	0.80	0.80	0.90	0.90	1.3	1.3
PCT17-3	K55901		12/2/2008	2-6	96	38	13	25	23	0.60	0.40	0.0	0.40	0.40	0.50	1.0	1.0	1.0
PCT17-3	K55902		12/2/2008	6-12	92	19	8.9	37	33	1.0	1.2	0.80	1.2	1.2	1.2	1.7	1.7	2.1
PCT17-3	K55903	K56210	12/2/2008	12-23	87 [92]	13 [18]	12 [15]	42 [35]	31 [24]	1.2 [7.0]	1.6 [1.8]	1.1 [0.80]	1.1 [1.8]	1.6 [1.8]	1.6 [1.8]	2.3 [1.8]	2.3 [3.6]	2.9 [3.6]
PCT19-7	K55848		12/2/2008	0-2	78	30	3.3	11	38	17	0.70	0.60	0.60	0.70	1.4	1.4	6.4	9.9
PCT19-7	K55849		12/2/2008	2-6	82	26	7.6	17	33	13	3.7	1.5	2.6	3.7	4.8	5.9	8.5	10
PCT19-7	K55850		12/2/2008	6-12	84	23	15	23	33	3.6	2.6	0.90	1.5	2.6	3.1	3.6	5.1	6.2
PCT19-7	K55851		12/2/2008	12-24	87	11	12	30	42	2.2	2.1	1.0	1.5	2.1	2.7	3.2	3.7	4.3
PCT19-7	K55852		12/2/2008	24-34	67	0.90	2.4	43	47	4.9	1.3	1.2	1.2	1.3	2.7	3.3	4.0	4.7
PCT22-1	K55838		12/2/2008	0-2	83	23	7.7	22	39	6.1	2.5	1.0	1.8	2.5	3.3	4.0	6.2	7.6
PCT22-1	K55839		12/2/2008	2-6	87	55	5.8	13	21	3.0	2.4	1.0	1.5	2.4	2.4	3.2	4.1	5.0
PCT22-1	K55840		12/2/2008	6-12	75	3.9	5.5	21	41	19	10	4.4	6.9	10	13	15	19	22
PCT22-1	K55841	K56206	12/2/2008	12-24	82 [80]	0.0 [0.0]	0.60 [0.60	10 [11]	87 [87]	1.2 [0.80]	0.90 [0.90	0.90 [0.30]	0.90 [0.90]	0.90 [0.90]	0.90 [0.90]	1.5 [0.90]	1.5 [0.90]	2.1 [1.6]
PCT22-1	K55842		12/2/2008	24-34	81	0.20	1.4	6.6	90	0.70	0.90	0.80	0.80	0.90	0.90	0.90	1.5	1.5
PCT24-1	K55994		12/2/2008	0-2	53	31	13	19	27	9.5	0.20	0.0	0.0	0.20	1.1	2.1	5.0	7.9
PCT24-1	K55995		12/2/2008	2-6	87	18	16	26	33	6.4	1.3	0.90	0.90	1.3	2.4	3.4	4.5	5.6

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Portage Creek SRI Phase 2 Sediment Sampling

Table 2 -- Portage Creek Phase 2 SRI Particle Size Distribution Data

						Soil Classification						Hydrometer Size Range (percent passing)						
Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Solids (%)	Gravel (%)	Sand (%)	Medium Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)	1.3 - 1.5 um	3.0 - 3.6 um	5.9 - 7.2 um	7.9 - 10.0 um	10.7 - 14.0 um	18.0 - 24.0 um	27.0 - 38.0 um
PCT24-1	K55996		12/2/2008	6-12	84	4.9	6.2	20	60	7.4	2.0	0.80	0.80	2.0	2.0	3.2	5.3	7.3
PCT24-1	K55997		12/2/2008	12-25	85	0.80	2.3	31	63	2.4	0.60	0.50	0.50	0.60	1.1	1.7	1.7	2.2
PCT24-1	K55998		12/2/2008	25-31	24	2.4	2.7	21	43	27	4.5	3.8	3.8	4.5	9.1	14	18	27
PCT24-1	K55999		12/2/2008	31-35	81	0.50	2.6	20	67	6.3	4.6	2.8	2.8	4.6	4.6	4.6	6.1	7.7
PCT25-1	K55798		12/3/2008	0-2	97	4.2	18	52	23	2.4	0.20	0.20	0.20	0.20	0.60	0.60	1.1	1.5
PCT25-1	K55799		12/3/2008	2-6	91	4.8	11	54	28	1.9	1.3	0.70	1.3	1.3	1.3	1.8	2.4	2.9
PCT25-1	K55800		12/3/2008	6-12	89	14	16	36	30	2.6	0.60	0.60	0.60	0.60	0.60	1.1	1.6	1.6
PCT25-1	K55801		12/3/2008	12-17	53	8.8	6.0	10	53	16	5.7	2.5	3.6	5.7	6.8	7.8	10	13
PCT25-1	K55802		12/3/2008	17-24	48	0.0	0.0	0.70	8.5	54	37	17	26	37	44	53	66	73
PCT25-1	K55803		12/3/2008	24-32	44	27	1.6	5.1	11	33	23	9.8	17	23	28	32	41	47
PCT25-1	K55804		12/3/2008	32-36	73	3.2	5.5	39	44	6.1	2.8	1.5	1.5	2.8	3.5	4.2	5.5	6.1
PCT25-1	K55805		12/3/2008	36-39	92	0.0	4.4	63	27	4.5	0.90	0.20	0.20	0.90	1.5	2.2	2.9	3.6
PCT26-9	K55858		12/10/2008	0-2	82	2.2	7.9	38	47	4.1	0.80	0.80	0.80	0.80	1.4	1.4	1.9	2.5
PCT26-9	K55859		12/3/2008	2-6	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55860		12/3/2008	6-12	51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55861	K56205	12/3/2008	12-24	46 [54]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55862		12/10/2008	24-29	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55863		12/10/2008	29-36	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55864		12/10/2008	36-40	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT31-2	K55833		12/3/2008	0-2	73	6.1	4.9	22	62	2.5	2.2	0.60	1.0	2.2	2.2	3.0	3.7	4.5
PCT31-2	K55834		12/3/2008	2-6	66	8.9	9.1	26	49	4.5	2.5	1.2	1.7	2.5	3.8	4.5	5.2	6.7
PCT31-2	K55835		12/3/2008	6-11	71	4.8	8.5	41	36	7.4	2.4	1.7	1.7	2.4	3.1	4.5	5.8	6.5
PCT33-1	K55952		12/3/2008	0-2	74	9.2	16	24	31	20	0.0	0.0	0.0	0.0	0.10	0.70	0.70	1.4
PCT33-1	K55953		12/3/2008	2-6	96	1.8	3.6	40	52	2.3	0.50	0.0	0.0	0.50	0.50	0.50	1.0	1.0
PCT33-1	K55954		12/3/2008	6-12	96	2.4	6.3	40	50	2.0	0.0	0.0	0.0	0.0	0.10	0.10	0.60	0.60
PCT33-1	K55955		12/3/2008	12-16	85	1.3	3.5	34	51	9.3	0.60	0.0	0.50	0.60	1.7	1.7	2.7	3.8
PCT33-1	K55956		12/3/2008	16-22	62	4.8	9.6	14	58	9.1	4.6	0.90	2.7	4.6	6.5	8.4	10	12
PCT33-1	K55957		12/3/2008	22-36	81	1.2	1.2	24	70	2.0	1.8	0.60	1.1	1.8	1.8	2.4	3.0	3.5
PCT33-1	K55958		12/3/2008	36-39	51	0.0	0.0	6.2	78	12	4.1	3.8	3.8	4.1	5.7	7.6	9.4	11
PCT33-1	K55959		12/3/2008	39-48	84	1.7	6.1	41	47	3.5	0.70	0.60	0.60	0.70	2.6	2.6	3.3	3.3
PCT33-1	K55960		12/3/2008	48-52	80	0.0	1.6	27	60	9.3	2.1	1.3	2.0	2.1	2.1	2.8	3.4	4.1
PCT36-4	K55843		12/2/2008	0-2	97	1.0	1.5	44	52	1.4	0.20	0.20	0.20	0.20	0.20	0.90	0.90	0.90
PCT36-4	K55844		12/2/2008	2-6	96	0.40	1.8	51	46	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50

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Table 2 -- Portage Creek Phase 2 SRI Particle Size Distribution Data

				Depth		Soil Classification						Hydrometer Size Range (percent passing)						
Location ID	Sample ID	Duplicate Sample ID	Date	Interval (in)	Solids (%)	Gravel (%)	Sand (%)	Medium Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)	1.3 - 1.5 um	3.0 - 3.6 um	5.9 - 7.2 um	7.9 - 10.0 um	10.7 - 14.0 um	18.0 - 24.0 um	27.0 - 38.0 um
PCT36-4	K55845		12/2/2008	6-12	94	1.1	1.5	51	45	1.0	0.50	0.40	0.40	0.50	1.0	1.0	1.0	1.6
PCT36-4	K55846		12/2/2008	12-24	91	5.9	9.5	41	40	3.0	1.0	0.40	0.40	1.0	1.0	1.0	1.9	1.9
PCT36-4	K55847	K56207	12/2/2008	24-37	82 [82]	8.1 [9.3]	11 [4.9]	37 [37]	37 [43]	4.9 [4.7]	2.2 [1.0]	1.5 [0.90]	1.5 [0.90]	2.2 [1.0]	2.2 [1.5]	2.7 [2.0]	3.8 [2.6]	4.3 [3.1]
PCT42-3	K55941		12/3/2008	0-2	86	41	5.9	9.5	42	2.5	0.0	0.0	0.0	0.0	0.40	0.40	0.40	0.90
PCT42-3	K55942		12/3/2008	2-6	84	10	2.7	25	60	1.7	0.50	0.50	0.50	0.50	0.60	0.60	1.2	1.2
PCT42-3	K55943		12/3/2008	6-12	84	0.70	2.2	36	60	0.30	0.50	0.0	0.50	0.50	0.50	0.50	0.50	0.50
PCT42-3	K55944		12/3/2008	12-24	59	2.8	4.3	23	32	28	11	3.7	7.1	11	13	16	21	23
PCT42-3	K55945		12/3/2008	24-36	45	0.0	1.1	1.3	6.7	55	36	9.5	21	36	46	51	61	66
PCT42-3	K55946		12/3/2008	36-46	50	0.0	1.4	4.5	31	44	19	5.8	12	19	27	33	41	45
PCT44-1	K55829		12/3/2008	0-2	54	0.90	1.0	21	32	35	10	2.3	5.7	10	13	16	20	25
PCT44-1	K55830		12/3/2008	2-6	56	0.0	0.70	20	28	38	14	4.0	8.4	14	18	22	29	35
PCT44-1	K55831		12/3/2008	6-10	69	4.9	2.5	32	40	16	4.9	2.2	3.5	4.9	6.0	7.7	8.8	9.9
PCT44-1	K55832		12/3/2008	10-15	86	2.0	3.3	15	27	39	14	6.0	10	14	17	19	25	28
PCT45-1	K55890		12/3/2008	0-2	60	20	3.1	6.9	20	41	9.1	2.4	5.7	9.1	12	16	19	22
PCT45-1	K55891		12/3/2008	2-6	55	0.0	1.0	1.8	13	76	8.5	2.2	5.3	8.5	12	16	21	26
PCT45-1	K55892		12/3/2008	6-12	62	0.40	0.50	5.7	41	40	12	6.7	8.8	12	17	21	26	32
PCT45-1	K55893		12/3/2008	12-14	72	0.60	0.30	6.1	61	24	8.8	2.3	5.0	8.8	13	15	19	23
PCT46-1	K55961		12/3/2008	0-2	68	0.60	1.6	2.9	27	50	18	5.7	12	18	23	29	41	50
PCT46-1	K55962		12/3/2008	2-6	58	2.4	1.6	3.3	28	41	24	9.0	14	24	29	37	46	53
PCT46-1	K55963		12/3/2008	6-12	62	7.6	5.9	11	51	18	6.6	2.6	3.9	6.6	9.2	12	17	22
PCT46-1	K55964		12/3/2008	12-16	61	3.2	2.1	22	44	19	9.6	4.8	6.4	9.6	11	13	19	24
PCT47-1	K55823		12/9/2008	0-2	71	2.2	0.40	10	71	15	1.4	0.20	0.80	1.4	2.0	2.7	3.3	3.9
PCT47-1	K55824		12/9/2008	2-6	43	0.0	1.6	13	57	18	11	4.3	6.9	11	13	17	20	22
PCT47-1	K55825		12/9/2008	6-8	63	3.3	2.5	23	50	11	9.3	3.7	5.9	9.3	10	13	16	18
PCT47-1	K55826		12/9/2008	8-12	83	8.0	0.0	18	39	31	5.3	1.8	3.3	5.3	6.5	7.1	9.5	12
PCT47-1	K55827	K56204	12/9/2008	12-18	48 [49]	8.0 [3.3]	8.4 [6.5]	18 [19]	45 [53]	14 [11]	6.5 [6.9]	2.5 [1.8]	3.4 [4.5]	6.5 [6.9]	7.8 [7.9]	9.2 [9.9]	12 [12]	13 [14]
PCT47-1	K55828		12/9/2008	18-22	71	1.3	1.1	11	78	6.7	2.2	0.60	1.1	2.2	2.9	3.7	5.2	6.0
PCT48-4	K55782		12/3/2008	0-2	97	18	18	47	16	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.40	0.40
PCT48-4	K55783		12/3/2008	2-6	94	17	11	48	22	3.2	0.0	0.0	0.0	0.0	0.40	0.40	0.50	0.50
PCT48-4	K55784		12/3/2008	6-12	67	23	14	28	21	14	0.0	0.0	0.0	0.0	0.90	1.5	2.0	2.5
PCT48-4	K55785		12/3/2008	12-23	59	4.1	4.6	24	51	15	1.6	0.0	0.40	1.6	1.6	3.3	6.7	9.3
PCT49-2	K55816		12/9/2008	0-2	69	0.40	2.3	12	61	22	3.0	0.70	2.0	3.0	4.6	5.4	8.6	10
PCT49-2	K55817		12/9/2008	2-6	56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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						Gravel (%)	Sand (%)	Medium Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)	1.3 - 1.5 um	3.0 - 3.6 um	5.9 - 7.2 um	7.9 - 10.0 um	10.7 - 14.0 um	18.0 - 24.0 um	27.0 - 38.0 um
PCT49-2	K55818		12/9/2008	6-12	58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT49-2	K55819		12/9/2008	12-15	56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT49-2	K55820		12/9/2008	15-24	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT49-2	K55821		12/9/2008	24-36	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT49-2	K55822		12/9/2008	36-42	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT50-6	K55836		12/3/2008	0-2	74	72	7.3	6.0	6.0	7.3	1.2	0.70	0.70	1.2	1.2	1.7	1.7	2.1
PCT50-6	K55837		12/3/2008	2-7	42	34	12	17	20	14	2.4	1.4	1.4	2.4	3.3	5.2	10	13
PCT51-1	K55897		12/3/2008	0-2	66	5.2	2.9	2.3	9.1	56	25	9.5	17	25	30	37	47	52
PCT51-1	K55898		12/3/2008	2-6	51	19	4.0	6.9	13	33	24	9.8	16	24	27	33	43	47
PCT51-1	K55899		12/3/2008	6-9	55	0.0	1.5	3.3	19	41	35	15	25	35	42	50	59	63
PCT53-9	K55973		12/9/2008	0-2	79	3.9	6.7	29	48	11	0.70	0.0	0.60	0.70	0.60	1.3	2.0	2.7
PCT53-9	K55974		12/9/2008	2-6	85	3.7	11	44	39	1.8	0.50	0.0	0.50	0.50	1.2	1.8	1.8	1.8
PCT53-9	K55975		12/9/2008	6-12	83	4.5	4.8	39	50	1.4	0.60	0.0	0.0	0.60	0.60	1.2	1.2	1.7
PCT53-9	K55976		12/9/2008	12-17	90	46	9.8	23	19	2.0	0.0	0.0	0.0	0.0	0.0	0.40	0.80	0.80
PPT1-1	K55870		12/8/2008	0-2	44	38	11	19	17	12	4.7	1.5	3.6	4.7	5.8	9.0	10	12
PPT1-1	K55871		12/8/2008	2-4	52	35	13	20	14	15	2.7	0.0	1.4	2.7	4.1	5.4	8.1	9.5
PPT1-1	K55872		12/8/2008	4-12	64	1.5	2.6	8.6	21	42	24	9.5	16	24	30	36	46	51
PPT1-1	K55873		12/8/2008	12-24	57	1.5	0.60	2.4	14	53	29	12	20	29	34	40	57	64
PPT1-4	K55853		12/8/2008	0-2	62	0.90	2.2	42	51	3.5	0.70	0.60	0.60	0.70	1.3	2.0	2.7	2.7
PPT1-4	K55854		12/8/2008	2-6	81	13	8.7	43	31	3.8	1.2	0.70	0.70	1.2	1.7	1.7	1.7	1.7
PPT1-4	K55855		12/8/2008	6-12	87	9.3	7.0	52	28	2.8	0.80	0.80	0.80	0.80	1.4	1.4	1.4	1.4
PPT1-4	K55856		12/8/2008	12-22	82	21	7.3	20	40	7.1	4.4	2.3	3.3	4.4	4.9	5.9	8.0	9.1
PPT1-4	K55857	K56208	12/8/2008	22-33	50 [49]	0.0 [0.90]	1.7 [1.4]	9.1 [7.1]	27 [26]	22 [38]	40 [27]	17 [14]	32 [21]	40 [27]	44 [30]	48 [35]	54 [39]	57 [40]
PPT8-3	K55806		12/3/2008	0-2	95	0.40	2.5	27	67	2.6	0.10	0.10	0.10	0.10	0.10	0.70	1.2	1.2
PPT8-3	K55807		12/3/2008	2-8	85	1.9	2.2	24	65	6.5	0.20	0.20	0.20	0.20	0.70	0.70	0.70	1.2
PPT8-3	K55808		12/3/2008	8-12	52	15	7.7	11	60	5.0	1.2	0.30	0.30	1.2	2.0	2.8	4.5	4.5
PPT8-3	K55809		12/3/2008	12-21	76	3.5	0.50	5.1	83	5.1	3.0	1.6	1.6	3.0	3.7	4.4	5.8	6.5
PPT8-3	K55810	K56203	12/3/2008	21-24	46 [75]	0.0 [1.8]	2.3 [0.60]	11 [5.6]	67 [82]	13 [7.8]	7.0 [2.7]	3.1 [1.5]	4.4 [2.1]	7.0 [2.7]	9.6 [3.3]	12 [4.5]	16 [5.1]	19 [5.7]
PPT8-3	K55811		12/3/2008	24-31	64	0.0	1.7	20	56	17	4.8	2.1	3.0	4.8	5.7	6.6	10	12
PPT10-2	K56000		12/2/2008	0-2	79	28	15	24	30	3.0	0.40	0.30	0.30	0.40	0.80	1.3	1.3	1.3
PPT10-2	K56001		12/2/2008	2-7	77	17	14	23	40	5.5	0.80	0.80	0.80	0.80	0.80	1.2	1.6	1.6
PPT10-2	K56002		12/2/2008	7-12	92	27	21	21	30	0.60	0.60	0.60	0.60	0.60	0.60	0.90	1.3	1.3

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Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Solids (%)	Gravel (%)	Sand (%)	Medium Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)	1.3 - 1.5 um	3.0 - 3.6 um	5.9 - 7.2 um	7.9 - 10.0 um	10.7 - 14.0 um	18.0 - 24.0 um	27.0 - 38.0 um
PPT10-2	K56003	K56215	12/2/2008	12-21	62 [65]	4.4 [6.2]	8.3 [9.5]	22 [23]	35 [38]	22 [18]	8.4 [5.6]	4.2 [1.9]	5.9 [3.7]	8.4 [5.6]	11 [6.6]	13 [8.4]	19 [14]	23 [18]
PPT10-2	K56004		12/2/2008	21-23	63	0.20	1.6	3.5	22	46	27	9.6	17	27	35	44	58	66
PPT10-2	K56005		12/2/2008	23-26	83	12	13	22	30	13	9.0	4.5	6.3	9.0	11	13	15	17
SD-03	K55894		12/2/2008	0-2	90	10	6.8	38	35	8.2	1.2	0.50	1.2	1.2	1.2	1.8	1.8	2.4
SD-03	K55895		12/2/2008	2-6	85	12	8.1	32	43	3.7	1.3	0.50	0.50	1.3	1.3	1.3	1.9	1.9
SD-03	K55896		12/2/2008	6-10	86	30	10	23	30	5.1	2.0	1.2	2.0	2.0	2.7	2.7	4.1	4.1
SD-04	K55981		12/2/2008	0-2	67	0.0	0.90	4.0	11	64	20	8.2	13	20	28	40	56	63
SD-04	K55982		12/2/2008	2-7	67	0.50	2.7	16	47	22	11	4.1	6.6	11	13	18	22	26
SD-14	K55886		12/2/2008	0-2	35	7.1	3.1	14	62	13	1.7	1.6	1.7	1.7	2.9	2.9	4.1	6.6
SD-14	K55887		12/2/2008	2-7	72	13	6.7	17	53	9.0	1.7	0.90	1.7	1.7	2.4	3.1	3.8	5.3
SD-14	K55888		12/2/2008	7-12	75	1.1	2.8	6.8	51	27	12	5.2	8.4	12	15	19	24	29
SD-14	K55889		12/2/2008	12-15	76	0.0	0.0	1.9	60	27	11	5.1	8.1	11	14	17	23	28
SD-15	K55965		12/2/2008	0-2	57	4.6	1.2	7.7	45	35	6.9	2.2	5.6	6.9	9.1	12	15	28
SD-15	K55966		12/2/2008	2-8	70	0.0	0.40	7.0	51	31	12	4.8	8.0	12	13	16	21	24
SD-15	K55967		12/2/2008	8-12	64	0.0	0.70	4.0	31	47	18	5.4	11	18	23	29	38	47
SD-15	K55968		12/2/2008	12-23	66	26	13	14	34	9.6	3.8	1.0	2.5	3.8	6.3	7.5	8.8	11
SD-16A	K55874		12/2/2008	0-2	57	26	2.4	8.9	54	6.8	2.6	1.3	1.9	2.6	3.9	4.5	6.5	7.8
SD-16A	K55875		12/2/2008	2-6	67	10	2.2	8.6	37	39	3.7	1.5	2.2	3.7	5.2	7.5	11	14
SD-16A	K55876	K56209	12/2/2008	6-12	68 [64]	1.9 [3.1]	1.7 [2.4]	5.7 [12]	56 [66]	29 [13]	6.1 [3.9]	1.9 [2.4]	3.4 [3.2]	6.1 [3.9]	8.9 [4.7]	12 [6.3]	16 [8.7]	20 [11]
SD-16A	K55877		12/2/2008	12-19	91	40	4.9	17	25	12	1.4	0.70	1.1	1.4	1.8	2.2	2.6	3.0
SD-18	K55878		12/2/2008	0-2	77	29	1.6	4.3	29	31	4.7	2.3	3.5	4.7	4.7	5.8	7.0	9.3
SD-18	K55879		12/2/2008	2-6	90	23	23	24	28	3.0	0.50	0.0	0.50	0.50	0.50	0.90	0.90	0.90
SD-18	K55880		12/2/2008	6-12	89	50	10	13	18	7.5	0.70	0.30	0.70	0.70	0.70	1.4	1.4	1.4
SD-18	K55881		12/2/2008	12-18	90	29	16	19	33	1.9	1.2	0.80	1.2	1.2	1.6	2.5	2.5	2.9
SD-20	K55910		12/2/2008	0-2	74	0.0	1.7	7.1	85	4.1	2.2	2.0	2.2	2.2	2.2	3.3	4.4	5.4
SD-20	K55911		12/2/2008	2-6	58	1.1	3.0	11	66	15	3.9	1.6	1.9	3.9	5.8	5.8	7.7	9.7
SD-20	K55912		12/2/2008	6-10	87	40	17	19	18	5.1	1.3	1.2	1.3	1.3	1.9	1.9	2.6	3.9
SD-20	K55913	K56211	12/2/2008	10-24	57 [54]	4.8 [0.0]	1.5 [0.40]	5.9 [4.2]	34 [35]	35 [33]	19 [28]	5.8 [11]	15 [17]	19 [28]	24 [32]	28 [37]	34 [46]	37 [52]
SD-20	K55914		12/2/2008	24-37	48	0.0	0.0	2.5	13	53	32	11	18	32	41	50	63	70
SD-20	K55915		12/2/2008	37-40	58	3.9	3.2	17	42	16	19	6.5	12	19	22	24	30	32
SD-21	K55932		12/3/2008	0-2	95	2.3	4.9	27	61	4.3	0.80	0.80	0.80	0.80	0.80	1.3	1.7	1.7
SD-21	K55933		12/3/2008	2-6	87	5.5	8.7	27	55	2.8	0.70	0.60	0.60	0.70	0.70	0.70	1.3	2.0

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Table 2 -- Portage Creek Phase 2 SRI Particle Size Distribution Data

						Soil Classification						Hydrometer Size Range (percent passing)						
Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Solids (%)	Gravel (%)	Sand (%)	Medium Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)	1.3 - 1.5 um	3.0 - 3.6 um	5.9 - 7.2 um	7.9 - 10.0 um	10.7 - 14.0 um	18.0 - 24.0 um	27.0 - 38.0 um
SD-21	K55934		12/3/2008	6-12	91	0.90	1.4	20	76	0.70	1.1	0.50	0.50	1.1	1.1	1.8	1.9	1.9
SD-21	K55935		12/3/2008	12-24	80	4.7	7.2	40	46	1.8	1.0	0.50	1.0	1.0	1.6	1.6	2.2	2.8
SD-21	K55936		12/3/2008	24-27	93	1.8	6.3	53	35	3.3	1.5	1.5	1.5	1.5	2.0	2.5	3.6	3.6
SD-21	K55937	K56213	12/3/2008	27-36	55 [56]	0.0 [0.0]	0.10 [0.70	2.1 [3.5]	8.9 [11]	45 [49]	44 [36]	21 [14]	31 [24]	44 [36]	52 [42]	58 [50]	67 [58]	75 [66]
SD-21	K55938		12/3/2008	36-40	51	1.0	0.40	5.3	22	48	23	11	16	23	26	30	39	42
SD-21	K55939		12/3/2008	40-48	76	2.9	7.5	39	38	5.8	7.4	4.1	5.7	7.4	9.0	9.8	11	13
SD-21	K55940		12/3/2008	48-54	53	0.0	1.6	9.5	22	48	19	5.7	12	19	25	33	38	44
SD-22	K55923		12/3/2008	0-2	65	7.9	24	30	34	3.6	0.40	0.40	0.50	0.40	0.40	0.40	0.90	1.4
SD-22	K55924		12/3/2008	2-6	79	26	21	21	27	3.4	0.60	0.50	0.50	0.60	1.3	1.3	1.9	2.5
SD-22	K55925		12/3/2008	6-13	63	0.40	2.1	38	56	3.1	1.2	1.1	1.1	1.2	1.2	1.9	2.5	2.5
SD-22	K55926	K56212	12/3/2008	13-24	61 [33]	0.0 [1.1]	0.90 [0.90	4.5 [6.8]	14 [21]	55 [50]	26 [20]	15 [9.2]	18 [16]	26 [20]	30 [26]	38 [31]	53 [44]	65 [55]
SD-22	K55927		12/3/2008	24-27	59	0.0	0.0	7.2	19	53	20	9.0	15	20	27	29	38	43
SD-22	K55928		12/3/2008	27-36	82	3.5	3.9	27	43	14	8.8	3.5	5.0	8.8	11	12	18	21
SD-22	K55929		12/3/2008	36-43	39	0.0	0.0	6.9	12	57	24	7.9	14	24	32	40	48	54
SD-22	K55930		12/3/2008	43-48	78	5.5	1.8	15	48	21	8.7	3.7	6.2	8.7	10	12	16	19
SD-22	K55931		12/3/2008	48-54	82	3.2	3.5	21	46	21	5.1	2.6	3.3	5.1	6.0	7.7	10	11
SD-25	K55983		12/3/2008	0-2	90	2.7	2.5	25	63	7.2	0.0	0.0	0.0	0.0	0.10	0.10	0.70	1.3
SD-25	K55984		12/3/2008	2-6	89	1.2	1.7	32	64	1.8	0.0	0.0	0.0	0.0	0.50	0.60	1.1	1.1
SD-25	K55985		12/3/2008	6-12	81	2.0	3.9	30	61	3.1	0.50	0.40	0.40	0.50	1.1	1.2	1.7	2.2
SD-25	K55986		12/3/2008	12-22	94	0.20	2.1	44	49	4.6	0.0	0.0	0.0	0.0	0.0	0.50	0.50	0.50
SD-25	K55987		12/3/2008	22-26	57	6.1	13	30	36	14	0.90	0.0	0.0	0.90	0.90	1.8	3.6	4.6
SD-25	K55988		12/3/2008	26-36	79	0.40	2.6	26	66	4.4	0.60	0.0	0.0	0.60	0.60	1.2	1.8	2.4
SD-25	K55989		12/3/2008	36-48	87	1.0	3.4	30	59	6.7	0.0	0.0	0.0	0.0	0.50	0.50	1.6	1.6
SD-25	K55990		12/3/2008	48-58	76	1.2	2.0	19	67	11	0.50	0.0	0.0	0.50	1.7	2.3	2.9	4.0
SD-25	K55991	K56214	12/3/2008	58-72	46 [48]	9.1 [2.4]	4.5 [3.6]	52 [12]	27 [50]	6.1 [31]	2.0 [1.5]	0.0 [0.0]	1.0 [0.80]	2.0 [1.5]	2.9 [2.3]	2.9 [3.1]	4.9 [4.7]	5.9 [6.2]
SD-25	K55992		12/3/2008	72-79	56	2.3	2.4	18	67	7.6	2.8	0.0	0.90	2.8	3.7	4.6	7.4	8.3
SD-25	K55993		12/3/2008	79-86	84	1.3	2.7	37	55	4.5	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1
SD-27	K55786		12/3/2008	0-2	61	45	3.9	7.8	22	17	5.5	1.3	3.7	5.5	7.9	11	15	18
SD-27	K55787		12/3/2008	2-6	59	3.2	1.5	4.1	16	51	25	5.1	15	25	32	40	55	61

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Table 2 -- Portage Creek Phase 2 SRI Particle Size Distribution Data

						Soil Classification						Hydrometer Size Range (percent passing)						
Location ID	Sample ID	Duplicate Sample ID	Date	Depth Interval (in)	Solids (%)	Gravel (%)	Sand (%)	Medium Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)	1.3 - 1.5 um	3.0 - 3.6 um	5.9 - 7.2 um	7.9 - 10.0 um	10.7 - 14.0 um	18.0 - 24.0 um	27.0 - 38.0 um
SD-27	K55788		12/3/2008	6-12	52	0.80	0.80	1.4	11	56	30	9.7	17	30	37	47	60	67
SD-27	K55789		12/3/2008	12-17	88	32	16	16	23	8.2	5.4	2.2	3.3	5.4	6.4	7.9	10	11
SD-28	K55977		12/3/2008	0-2	65	0.0	1.1	5.5	90	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SD-28	K55978		12/3/2008	2-6	68	0.0	1.3	4.8	88	5.1	0.60	0.0	0.0	0.60	0.60	1.2	1.8	2.4
SD-28	K55979		12/3/2008	6-12	63	0.0	1.5	11	70	16	1.3	0.0	0.90	1.3	2.3	3.6	5.8	9.0
SD-28	K55980		12/3/2008	12-17	65	0.0	1.4	25	61	11	1.7	0.0	0.90	1.7	2.7	3.6	5.3	7.0
SD-29	K55777		12/3/2008	0-2	92	27	7.6	31	33	1.0	0.40	0.0	0.0	0.40	0.90	0.90	0.90	0.90
SD-29	K55778		12/3/2008	2-6	93	18	13	34	32	2.3	0.40	0.30	0.30	0.40	1.0	1.0	1.4	1.4
SD-29	K55779		12/3/2008	6-12	87	20	18	34	21	7.4	0.40	0.0	0.0	0.40	1.0	1.0	2.6	3.1
SD-29	K55780		12/3/2008	12-19	79	5.9	12	66	9.3	6.7	0.0	0.0	0.0	0.0	0.0	0.60	1.8	2.4
SD-29	K55781		12/3/2008	19-23	59	2.5	3.5	12	61	15	7.2	1.5	4.3	7.2	9.2	12	17	19
SD-31	K55812		12/3/2008	0-2	52	52	4.7	9.1	27	4.9	2.0	0.20	0.80	2.0	2.0	3.1	4.3	5.5
SD-31	K55813		12/3/2008	2-8	84	43	7.8	15	19	13	2.4	0.60	1.1	2.4	2.8	3.7	4.5	5.0
SD-31	K55814		12/3/2008	8-12	82	0.0	0.90	1.2	96	1.0	0.80	0.80	0.80	0.80	0.80	1.4	1.4	1.4
SD-31	K55815		12/3/2008	12-15	81	8.2	3.7	6.9	79	1.1	0.80	0.70	0.70	0.80	0.80	1.3	1.3	1.3
SD-32	K55865		12/8/2008	0-2	46	0.0	3.0	6.1	35	52	4.1	0.80	2.4	4.1	5.8	7.4	9.1	11
SD-32	K55866		12/8/2008	2-6	56	22	4.1	8.0	21	26	19	5.8	14	19	22	27	31	36
SD-32	K55867		12/8/2008	6-9	76	32	12	23	27	3.9	3.5	1.4	2.9	3.5	4.0	5.1	6.2	6.7
SD-32	K55868		12/8/2008	9-14	71	13	4.8	14	18	30	20	8.0	13	20	23	26	34	37
SD-32	K55869		12/8/2008	14-21	78	7.8	9.9	38	38	3.2	2.9	0.90	2.2	2.9	3.6	4.2	4.9	4.9
SD-34	K55916		12/9/2008	0-2	38	4.3	0.70	9.7	18	50	17	11	11	17	20	23	25	31
SD-34	K55917		12/9/2008	2-6	45	0.0	1.8	9.2	54	25	10	4.8	4.8	10	10	15	18	26
SD-34	K55918		12/9/2008	6-12	37	26	2.5	10	44	14	3.3	1.5	1.5	3.3	5.0	6.8	10	12
SD-34	K55919		12/9/2008	12-24	75	4.7	6.2	19	41	25	3.7	1.5	1.8	3.7	7.4	11	15	17
SD-34	K55920		12/9/2008	24-26	61	0.90	4.8	18	18	45	14	5.6	9.9	14	18	22	32	38
SD-34	K55921		12/9/2008	26-36	91	22	28	33	10	5.0	1.5	0.40	1.0	1.5	1.5	2.5	3.5	4.0
SD-34	K55922		12/9/2008	36-39	63	29	25	22	10	11	3.1	0.50	1.9	3.1	4.4	5.7	7.6	8.9
SD-35	K55904		12/9/2008	0-2	79	20	12	27	35	5.1	0.60	0.50	0.60	0.60	1.2	1.2	1.8	2.4
SD-35	K55905		12/9/2008	2-6	82	24	13	29	30	2.3	0.60	0.50	0.60	0.60	0.60	1.2	1.8	2.4
SD-35	K55906		12/9/2008	6-12	78	17	6.2	26	40	8.5	2.6	1.5	2.6	2.6	3.1	4.7	6.3	7.9
SD-35	K55907		12/9/2008	12-19	87	6.8	9.5	38	35	6.5	3.8	1.8	1.9	3.8	3.8	4.8	5.8	6.2
SD-35	K55908		12/9/2008	19-24	53	1.2	1.6	7.5	34	37	19	7.2	10	19	20	25	32	38
SD-35	K55909		12/9/2008	24-29	70	4.6	5.0	28	45	11	6.7	2.7	4.0	6.7	7.4	8.8	11	13

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Table 2 -- Portage Creek Phase 2 SRI Particle Size Distribution Data

Location ID	Sample ID	Duplicate Sample ID	Date	Sieve Size (percent passing)													
				75 um	150 um	180 um	250 um	425 um	2000 um	4750 um	9500 um	19000 um	850 um	25000 um	37500 um	50000 um	75000 um
PCT3-3	K56006		12/2/2008	0.60	0.70	0.80	1.2	2.6	9.7	19	37	74	5.2	84	100	100	100
PCT3-3	K56007		12/2/2008	0.90	1.1	1.2	1.9	5.4	19	32	52	84	12	89	100	100	100
PCT3-3	K56008		12/2/2008	1.1	1.5	1.9	3.7	13	36	51	75	97	25	100	100	100	100
PCT3-3	K56009		12/2/2008	8.5	11	13	20	44	74	82	89	100	64	100	100	100	100
PCT9-1	K55947		12/2/2008	13	21	23	30	49	75	84	94	100	66	100	100	100	100
PCT9-1	K55948		12/2/2008	8.6	21	26	37	58	82	94	99	100	74	100	100	100	100
PCT9-1	K55949		12/2/2008	16	24	31	43	62	83	95	99	100	76	100	100	100	100
PCT9-1	K55950		12/2/2008	13	23	31	50	76	97	99	100	100	92	100	100	100	100
PCT9-1	K55951		12/2/2008	65	72	74	80	91	99	99	100	100	97	100	100	100	100
PCT9-6	K55882		12/2/2008	5.6	8.8	11	19	35	53	62	69	75	46	100	100	100	100
PCT9-6	K55883		12/2/2008	33	40	44	51	58	64	66	66	69	62	100	100	100	100
PCT9-6	K55884		12/2/2008	41	59	65	75	83	89	91	98	100	86	100	100	100	100
PCT9-6	K55885		12/2/2008	17	24	27	33	39	47	50	53	65	44	100	100	100	100
PCT16-2	K55969		12/2/2008	40	53	59	72	89	96	98	100	100	95	100	100	100	100
PCT16-2	K55970		12/2/2008	17	28	32	43	58	69	77	100	100	66	100	100	100	100
PCT16-2	K55971		12/2/2008	8.9	11	14	24	54	81	88	93	100	71	100	100	100	100
PCT16-2	K55972		12/2/2008	41	47	51	59	76	94	99	100	100	88	100	100	100	100
PCT17-3	K55900		12/2/2008	2.5	3.0	3.6	7.3	25	51	63	84	100	42	100	100	100	100
PCT17-3	K55901		12/2/2008	1.0	1.2	1.5	4.5	24	49	62	85	100	40	100	100	100	100
PCT17-3	K55902		12/2/2008	2.2	3.0	4.1	11	35	72	81	90	100	59	100	100	100	100
PCT17-3	K55903	K56210	12/2/2008	2.9 [8.8]	4.1 [10]	5.5 [12]	12 [16]	33 [33]	75 [67]	87 [82]	94 [91]	100 [100]	60 [53]	100 [100]	100 [100]	100 [100]	100 [100]
PCT19-7	K55848		12/2/2008	18	26	30	41	56	67	70	75	85	64	100	100	100	100
PCT19-7	K55849		12/2/2008	17	27	30	38	50	67	74	83	94	62	100	100	100	100
PCT19-7	K55850		12/2/2008	6.2	13	17	25	39	62	77	90	100	52	100	100	100	100
PCT19-7	K55851		12/2/2008	4.3	9.7	13	24	46	77	89	99	100	65	100	100	100	100
PCT19-7	K55852		12/2/2008	6.2	12	15	24	53	97	99	100	100	83	100	100	100	100
PCT22-1	K55838		12/2/2008	8.6	15	18	28	48	70	78	85	100	63	100	100	100	100
PCT22-1	K55839		12/2/2008	5.4	8.8	10	15	26	39	45	51	72	34	86	100	100	100
PCT22-1	K55840		12/2/2008	29	37	40	49	70	91	96	100	100	83	100	100	100	100
PCT22-1	K55841	K56206	12/2/2008	2.1 [1.7]	11 [9.4]	22 [20]	57 [55]	89 [89]	99 [99]	100 [100]	100 [100]	100 [100]	98 [98]	100 [100]	100 [100]	100 [100]	100 [100]
PCT22-1	K55842		12/2/2008	1.6	7.3	15	51	92	98	100	100	100	97	100	100	100	100
PCT24-1	K55994		12/2/2008	9.6	18	21	26	37	56	69	90	100	47	100	100	100	100
PCT24-1	K55995		12/2/2008	7.7	12	15	23	41	66	82	94	100	56	100	100	100	100

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Table 2 -- Portage Creek Phase 2 SRI Particle Size Distribution Data

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				75 um	150 um	180 um	250 um	425 um	2000 um	4750 um	9500 um	19000 um	850 um	25000 um	37500 um	50000 um	75000 um
PCT24-1	K55996		12/2/2008	9.4	17	23	42	69	89	95	99	100	83	100	100	100	100
PCT24-1	K55997		12/2/2008	3.0	5.6	9.2	24	66	97	99	100	100	89	100	100	100	100
PCT24-1	K55998		12/2/2008	31	42	46	55	74	95	98	100	100	93	100	100	100	100
PCT24-1	K55999		12/2/2008	11	21	29	49	77	97	100	100	100	90	100	100	100	100
PCT25-1	K55798		12/3/2008	2.5	3.6	4.0	6.7	25	77	96	100	100	54	100	100	100	100
PCT25-1	K55799		12/3/2008	3.2	5.6	6.8	11	31	85	95	97	100	62	100	100	100	100
PCT25-1	K55800		12/3/2008	3.2	5.7	7.1	13	34	70	86	96	100	52	100	100	100	100
PCT25-1	K55801		12/3/2008	22	52	58	67	75	85	91	98	100	80	100	100	100	100
PCT25-1	K55802		12/3/2008	91	96	97	98	99	100	100	100	100	100	100	100	100	100
PCT25-1	K55803		12/3/2008	56	59	60	62	66	71	73	74	100	70	100	100	100	100
PCT25-1	K55804		12/3/2008	9.0	12	14	25	52	91	97	100	100	75	100	100	100	100
PCT25-1	K55805		12/3/2008	5.4	8.3	9.8	15	32	96	100	100	100	71	100	100	100	100
PCT26-9	K55858		12/10/2008	5.0	9.9	13	23	52	90	98	100	100	77	100	100	100	100
PCT26-9	K55859		12/3/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55860		12/3/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55861	K56205	12/3/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55862		12/10/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55863		12/10/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT26-9	K55864		12/10/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT31-2	K55833		12/3/2008	4.7	18	27	44	67	89	94	98	100	83	100	100	100	100
PCT31-2	K55834		12/3/2008	7.0	16	22	35	56	82	91	99	100	75	100	100	100	100
PCT31-2	K55835		12/3/2008	9.8	14	16	24	45	87	95	100	100	72	100	100	100	100
PCT33-1	K55952		12/3/2008	20	20	22	30	50	74	91	97	100	63	100	100	100	100
PCT33-1	K55953		12/3/2008	2.7	4.9	8.1	22	55	95	98	99	100	83	100	100	100	100
PCT33-1	K55954		12/3/2008	1.5	3.5	6.2	18	51	91	98	99	100	78	100	100	100	100
PCT33-1	K55955		12/3/2008	9.9	18	24	35	61	95	99	100	100	86	100	100	100	100
PCT33-1	K55956		12/3/2008	14	33	44	59	72	86	95	98	100	80	100	100	100	100
PCT33-1	K55957		12/3/2008	3.8	14	24	43	74	98	99	100	100	91	100	100	100	100
PCT33-1	K55958		12/3/2008	16	40	53	74	94	100	100	100	100	98	100	100	100	100
PCT33-1	K55959		12/3/2008	4.2	7.2	10	22	51	92	98	100	100	77	100	100	100	100
PCT33-1	K55960		12/3/2008	11	18	24	40	72	98	100	100	100	90	100	100	100	100
PCT36-4	K55843		12/2/2008	1.6	2.0	2.6	11	53	98	99	100	100	88	100	100	100	100
PCT36-4	K55844		12/2/2008	0.70	1.0	1.5	8.7	47	98	100	100	100	82	100	100	100	100

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PCT36-4	K55845		12/2/2008	1.5	2.0	2.6	10	47	97	99	100	100	84	100	100	100	100
PCT36-4	K55846		12/2/2008	3.9	6.2	9.0	20	44	85	94	98	100	69	100	100	100	100
PCT36-4	K55847	K56207	12/2/2008	7.1 [5.8]	9.9 [8.0]	11 [9.3]	19 [17]	44 [49]	81 [86]	92 [91]	99 [93]	100 [95]	66 [73]	100 [100]	100 [100]	100 [100]	100 [100]
PCT42-3	K55941		12/3/2008	2.5	5.9	11	27	44	54	60	64	73	50	79	100	100	100
PCT42-3	K55942		12/3/2008	2.2	6.2	12	32	63	87	90	91	100	79	100	100	100	100
PCT42-3	K55943		12/3/2008	0.80	2.2	5.6	22	61	97	99	100	100	88	100	100	100	100
PCT42-3	K55944		12/3/2008	39	46	49	57	70	93	97	100	100	84	100	100	100	100
PCT42-3	K55945		12/3/2008	91	94	95	96	98	99	100	100	100	99	100	100	100	100
PCT42-3	K55946		12/3/2008	63	75	78	85	94	99	100	100	100	98	100	100	100	100
PCT44-1	K55829		12/3/2008	45	56	59	66	77	98	99	100	100	94	100	100	100	100
PCT44-1	K55830		12/3/2008	52	63	65	70	80	99	100	100	100	95	100	100	100	100
PCT44-1	K55831		12/3/2008	21	24	25	32	61	93	95	98	100	84	100	100	100	100
PCT44-1	K55832		12/3/2008	53	58	60	65	80	95	98	100	100	91	100	100	100	100
PCT45-1	K55890		12/3/2008	50	56	58	63	70	77	80	83	100	75	100	100	100	100
PCT45-1	K55891		12/3/2008	85	91	92	95	97	99	100	100	100	99	100	100	100	100
PCT45-1	K55892		12/3/2008	52	66	71	82	94	99	100	100	100	97	100	100	100	100
PCT45-1	K55893		12/3/2008	33	40	47	69	93	99	99	100	100	98	100	100	100	100
PCT46-1	K55961		12/3/2008	68	78	81	88	95	98	99	100	100	97	100	100	100	100
PCT46-1	K55962		12/3/2008	64	69	72	81	93	96	98	100	100	95	100	100	100	100
PCT46-1	K55963		12/3/2008	25	34	41	57	76	87	92	100	100	83	100	100	100	100
PCT46-1	K55964		12/3/2008	28	32	35	46	73	95	97	100	100	91	100	100	100	100
PCT47-1	K55823		12/9/2008	17	27	36	58	87	97	98	99	100	96	100	100	100	100
PCT47-1	K55824		12/9/2008	28	42	48	61	85	98	100	100	100	96	100	100	100	100
PCT47-1	K55825		12/9/2008	21	27	29	41	71	94	97	99	100	88	100	100	100	100
PCT47-1	K55826		12/9/2008	36	42	45	55	75	92	92	97	100	86	100	100	100	100
PCT47-1	K55827	K56204	12/9/2008	20 [18]	29 [29]	35 [36]	48 [52]	65 [71]	84 [90]	92 [97]	98 [99]	100 [100]	76 [84]	100 [100]	100 [100]	100 [100]	100 [100]
PCT47-1	K55828		12/9/2008	8.8	13	18	42	86	98	99	100	100	95	100	100	100	100
PCT48-4	K55782		12/3/2008	2.4	3.0	3.4	5.3	18	64	82	95	100	45	100	100	100	100
PCT48-4	K55783		12/3/2008	3.1	3.7	4.1	6.7	25	72	83	95	100	54	100	100	100	100
PCT48-4	K55784		12/3/2008	14	15	16	20	35	63	77	94	100	51	100	100	100	100
PCT48-4	K55785		12/3/2008	16	20	23	38	67	91	96	100	100	85	100	100	100	100
PCT49-2	K55816		12/9/2008	25	38	45	62	86	97	100	100	100	96	100	100	100	100
PCT49-2	K55817		12/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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				75 um	150 um	180 um	250 um	425 um	2000 um	4750 um	9500 um	19000 um	850 um	25000 um	37500 um	50000 um	75000 um
PCT49-2	K55818		12/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT49-2	K55819		12/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT49-2	K55820		12/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT49-2	K55821		12/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT49-2	K55822		12/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCT50-6	K55836		12/3/2008	8.5	9.9	10	12	15	21	28	44	69	17	77	100	100	100
PCT50-6	K55837		12/3/2008	16	22	23	28	37	53	66	79	100	45	100	100	100	100
PCT51-1	K55897		12/3/2008	80	85	86	87	90	92	95	100	100	91	100	100	100	100
PCT51-1	K55898		12/3/2008	57	61	62	66	70	77	81	97	100	74	100	100	100	100
PCT51-1	K55899		12/3/2008	76	84	87	91	95	99	100	100	100	98	100	100	100	100
PCT53-9	K55973		12/9/2008	12	21	28	41	60	90	96	99	100	78	100	100	100	100
PCT53-9	K55974		12/9/2008	2.3	9.7	15	23	42	85	96	100	100	68	100	100	100	100
PCT53-9	K55975		12/9/2008	2.0	4.0	6.9	20	52	91	96	98	100	80	100	100	100	100
PCT53-9	K55976		12/9/2008	2.0	2.8	3.6	7.2	21	44	54	65	83	34	100	100	100	100
PPT1-1	K55870		12/8/2008	17	21	23	26	33	52	62	81	100	43	100	100	100	100
PPT1-1	K55871		12/8/2008	17	21	22	24	32	51	65	78	100	42	100	100	100	100
PPT1-1	K55872		12/8/2008	66	75	77	81	87	96	99	100	100	93	100	100	100	100
PPT1-1	K55873		12/8/2008	81	90	91	93	95	98	99	100	100	97	100	100	100	100
PPT1-4	K55853		12/8/2008	4.2	10	15	25	55	97	99	100	100	83	100	100	100	100
PPT1-4	K55854		12/8/2008	5.0	6.8	8.0	14	36	79	87	97	100	63	100	100	100	100
PPT1-4	K55855		12/8/2008	3.6	4.1	4.6	7.8	32	84	91	98	100	65	100	100	100	100
PPT1-4	K55856		12/8/2008	12	24	28	36	52	71	79	84	100	64	100	100	100	100
PPT1-4	K55857	K56208	12/8/2008	62 [65]	71 [75]	74 [77]	80 [83]	89 [91]	98 [98]	100 [99]	100 [100]	100 [100]	95 [95]	100 [100]	100 [100]	100 [100]	100 [100]
PPT8-3	K55806		12/3/2008	2.7	4.4	6.9	24	70	97	100	100	100	93	100	100	100	100
PPT8-3	K55807		12/3/2008	6.7	9.3	13	32	72	96	98	100	100	91	100	100	100	100
PPT8-3	K55808		12/3/2008	6.2	17	28	51	67	77	85	96	100	73	100	100	100	100
PPT8-3	K55809		12/3/2008	8.2	26	43	72	91	96	97	98	100	95	100	100	100	100
PPT8-3	K55810	K56203	12/3/2008	20 [11]	50 [30]	62 [46]	75 [74]	87 [92]	98 [98]	100 [98]	100 [100]	100 [100]	94 [97]	100 [100]	100 [100]	100 [100]	100 [100]
PPT8-3	K55811		12/3/2008	22	45	50	62	78	98	100	100	100	92	100	100	100	100
PPT10-2	K56000		12/2/2008	3.4	5.7	8.1	16	33	57	72	85	92	46	92	100	100	100
PPT10-2	K56001		12/2/2008	6.3	8.9	12	25	46	69	83	95	100	58	100	100	100	100
PPT10-2	K56002		12/2/2008	1.3	2.7	4.3	12	31	52	73	94	100	42	100	100	100	100

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PPT10-2	K56003	K56215	12/2/2008	30 [23]	35 [29]	39 [32]	48 [41]	65 [61]	87 [84]	96 [94]	98 [98]	100 [100]	78 [75]	100 [100]	100 [100]	100 [100]	100 [100]
PPT10-2	K56004		12/2/2008	73	81	84	89	95	98	100	100	100	97	100	100	100	100
PPT10-2	K56005		12/2/2008	22	26	28	36	52	74	88	91	100	65	100	100	100	100
SD-03	K55894		12/2/2008	9.4	11	13	19	45	83	90	96	100	70	100	100	100	100
SD-03	K55895		12/2/2008	5.0	6.6	8.1	16	48	79	88	90	100	70	100	100	100	100
SD-03	K55896		12/2/2008	7.2	8.7	10	18	37	60	70	80	90	50	100	100	100	100
SD-04	K55981		12/2/2008	84	89	90	92	95	99	100	100	100	98	100	100	100	100
SD-04	K55982		12/2/2008	33	42	47	60	81	97	100	100	100	92	100	100	100	100
SD-14	K55886		12/2/2008	15	25	32	52	76	90	93	98	100	86	100	100	100	100
SD-14	K55887		12/2/2008	11	18	24	41	64	81	87	87	100	75	100	100	100	100
SD-14	K55888		12/2/2008	39	54	62	75	89	96	99	100	100	94	100	100	100	100
SD-14	K55889		12/2/2008	38	55	63	80	98	100	100	100	100	100	100	100	100	100
SD-15	K55965		12/2/2008	42	55	61	72	87	94	95	96	100	92	100	100	100	100
SD-15	K55966		12/2/2008	42	55	61	76	93	100	100	100	100	98	100	100	100	100
SD-15	K55967		12/2/2008	65	79	83	89	95	99	100	100	100	99	100	100	100	100
SD-15	K55968		12/2/2008	13	19	22	31	47	61	74	87	100	55	100	100	100	100
SD-16A	K55874		12/2/2008	9.4	18	23	41	63	72	74	80	100	70	100	100	100	100
SD-16A	K55875		12/2/2008	42	52	56	66	79	88	90	92	100	85	100	100	100	100
SD-16A	K55876	K56209	12/2/2008	35 [17]	48 [30]	56 [38]	73 [58]	91 [83]	97 [95]	98 [97]	100 [99]	100 [100]	95 [92]	100 [100]	100 [100]	100 [100]	100 [100]
SD-16A	K55877		12/2/2008	13	16	17	22	38	56	61	73	80	51	100	100	100	100
SD-18	K55878		12/2/2008	36	47	50	57	65	69	71	73	75	68	100	100	100	100
SD-18	K55879		12/2/2008	3.5	7.9	10	17	31	55	77	95	100	44	100	100	100	100
SD-18	K55880		12/2/2008	8.2	10	11	17	27	39	50	65	88	34	93	100	100	100
SD-18	K55881		12/2/2008	3.2	6.1	8.9	20	36	55	71	83	100	45	100	100	100	100
SD-20	K55910		12/2/2008	6.3	18	29	65	91	98	100	100	100	96	100	100	100	100
SD-20	K55911		12/2/2008	19	40	50	68	85	96	99	100	100	92	100	100	100	100
SD-20	K55912		12/2/2008	6.4	9.6	12	17	25	44	60	77	100	33	100	100	100	100
SD-20	K55913	K56211	12/2/2008	54 [61]	69 [75]	74 [80]	82 [89]	88 [95]	94 [100]	95 [100]	100 [100]	100 [100]	91 [99]	100 [100]	100 [100]	100 [100]	100 [100]
SD-20	K55914		12/2/2008	85	91	92	95	98	100	100	100	100	100	100	100	100	100
SD-20	K55915		12/2/2008	34	42	46	58	76	93	96	100	100	87	100	100	100	100
SD-21	K55932		12/3/2008	5.2	9.2	15	33	66	93	98	100	100	86	100	100	100	100
SD-21	K55933		12/3/2008	3.5	6.9	12	29	59	86	95	100	100	76	100	100	100	100

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SD-21	K55934		12/3/2008	1.8	9.4	18	41	78	98	99	100	100	94	100	100	100	100
SD-21	K55935		12/3/2008	2.9	5.6	8.3	19	48	88	95	98	100	75	100	100	100	100
SD-21	K55936		12/3/2008	4.8	6.4	8.1	15	39	92	98	100	100	73	100	100	100	100
SD-21	K55937	K56213	12/3/2008	89 [85]	93 [90]	94 [91]	96 [93]	98 [96]	100 [99]	100 [100]	100 [100]	100 [100]	99 [98]	100 [100]	100 [100]	100 [100]	100 [100]
SD-21	K55938		12/3/2008	71	80	83	88	93	99	99	100	100	97	100	100	100	100
SD-21	K55939		12/3/2008	13	19	22	31	51	90	97	100	100	73	100	100	100	100
SD-21	K55940		12/3/2008	67	72	74	79	89	98	100	100	100	96	100	100	100	100
SD-22	K55923		12/3/2008	4.0	6.2	9.6	21	38	69	92	100	100	52	100	100	100	100
SD-22	K55924		12/3/2008	4.0	7.4	11	19	31	52	74	95	99	42	100	100	100	100
SD-22	K55925		12/3/2008	4.4	12	16	29	60	98	100	100	100	89	100	100	100	100
SD-22	K55926	K56212	12/3/2008	81 [70]	87 [78]	88 [80]	91 [85]	95 [91]	99 [98]	100 [99]	100 [100]	100 [100]	97 [96]	100 [100]	100 [100]	100 [100]	100 [100]
SD-22	K55927		12/3/2008	73	80	82	87	93	100	100	100	100	98	100	100	100	100
SD-22	K55928		12/3/2008	23	33	38	47	66	93	97	99	100	85	100	100	100	100
SD-22	K55929		12/3/2008	81	85	87	89	93	100	100	100	100	98	100	100	100	100
SD-22	K55930		12/3/2008	30	41	46	58	78	93	95	98	100	89	100	100	100	100
SD-22	K55931		12/3/2008	26	33	37	49	72	93	97	99	100	87	100	100	100	100
SD-25	K55983		12/3/2008	7.2	16	22	39	70	95	97	99	100	88	100	100	100	100
SD-25	K55984		12/3/2008	1.8	7.8	13	27	65	97	99	100	100	91	100	100	100	100
SD-25	K55985		12/3/2008	3.7	7.3	12	29	64	94	98	100	100	86	100	100	100	100
SD-25	K55986		12/3/2008	4.1	6.2	9.0	20	53	98	100	100	100	86	100	100	100	100
SD-25	K55987		12/3/2008	15	23	28	37	51	81	94	100	100	66	100	100	100	100
SD-25	K55988		12/3/2008	5.0	16	23	39	71	97	100	100	100	88	100	100	100	100
SD-25	K55989		12/3/2008	6.7	12	15	30	66	96	99	100	100	87	100	100	100	100
SD-25	K55990		12/3/2008	11	20	28	48	78	97	99	100	100	92	100	100	100	100
SD-25	K55991	K56214	12/3/2008	8.1 [33]	8.1 [49]	11 [56]	20 [68]	35 [82]	86 [94]	91 [98]	94 [99]	100 [100]	72 [90]	100 [100]	100 [100]	100 [100]	100 [100]
SD-25	K55992		12/3/2008	10	26	33	49	77	95	98	100	100	90	100	100	100	100
SD-25	K55993		12/3/2008	4.5	7.8	10	21	60	96	99	100	100	87	100	100	100	100
SD-27	K55786		12/3/2008	22	26	27	32	43	51	55	68	100	49	100	100	100	100
SD-27	K55787		12/3/2008	76	83	84	87	91	95	97	100	100	94	100	100	100	100

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Portage Creek SRI Phase 2 Sediment Sampling

Table 2 -- Portage Creek Phase 2 SRI Particle Size Distribution Data

Location ID	Sample ID	Duplicate Sample ID	Date	Sieve Size (percent passing)													
				75 um	150 um	180 um	250 um	425 um	2000 um	4750 um	9500 um	19000 um	850 um	25000 um	37500 um	50000 um	75000 um
SD-27	K55788		12/3/2008	86	91	92	95	97	98	99	100	100	98	100	100	100	100
SD-27	K55789		12/3/2008	14	17	19	24	36	53	68	89	100	45	100	100	100	100
SD-28	K55977		12/3/2008	3.8	18	31	66	93	99	100	100	100	98	100	100	100	100
SD-28	K55978		12/3/2008	5.7	18	31	65	94	99	100	100	100	98	100	100	100	100
SD-28	K55979		12/3/2008	18	28	34	55	87	99	100	100	100	97	100	100	100	100
SD-28	K55980		12/3/2008	13	22	26	38	74	99	100	100	100	97	100	100	100	100
SD-29	K55777		12/3/2008	1.4	4.5	7.1	16	35	65	73	79	100	54	100	100	100	100
SD-29	K55778		12/3/2008	2.7	4.8	6.6	15	35	69	82	90	100	55	100	100	100	100
SD-29	K55779		12/3/2008	7.8	9.8	11	15	28	62	80	95	100	48	100	100	100	100
SD-29	K55780		12/3/2008	6.6	8.2	8.7	10	16	82	94	98	100	56	100	100	100	100
SD-29	K55781		12/3/2008	22	41	52	68	82	94	98	100	100	90	100	100	100	100
SD-31	K55812		12/3/2008	6.9	13	16	24	34	43	48	55	76	40	100	100	100	100
SD-31	K55813		12/3/2008	16	18	19	23	35	50	57	68	75	44	80	100	100	100
SD-31	K55814		12/3/2008	1.8	9.3	23	75	98	99	100	100	100	99	100	100	100	100
SD-31	K55815		12/3/2008	1.9	7.8	17	52	81	88	92	97	100	87	100	100	100	100
SD-32	K55865		12/8/2008	57	80	83	87	91	97	100	100	100	96	100	100	100	100
SD-32	K55866		12/8/2008	45	55	57	61	66	74	78	92	100	70	100	100	100	100
SD-32	K55867		12/8/2008	7.3	12	13	19	34	57	69	83	100	48	100	100	100	100
SD-32	K55868		12/8/2008	50	54	55	58	68	83	87	92	100	77	100	100	100	100
SD-32	K55869		12/8/2008	6.1	7.9	8.9	16	44	82	92	97	100	67	100	100	100	100
SD-34	K55916		12/9/2008	67	78	81	85	85	95	96	96	100	94	100	100	100	100
SD-34	K55917		12/9/2008	35	61	67	77	89	98	100	100	100	96	100	100	100	100
SD-34	K55918		12/9/2008	17	33	39	50	62	72	74	79	100	69	100	100	100	100
SD-34	K55919		12/9/2008	29	37	41	52	70	89	95	95	100	82	100	100	100	100
SD-34	K55920		12/9/2008	59	64	66	71	77	94	99	100	100	84	100	100	100	100
SD-34	K55921		12/9/2008	6.5	7.6	8.2	10	17	50	78	93	100	29	100	100	100	100
SD-34	K55922		12/9/2008	14	15	16	17	24	46	71	88	100	32	100	100	100	100
SD-35	K55904		12/9/2008	5.7	10	13	20	41	68	80	92	100	58	100	100	100	100
SD-35	K55905		12/9/2008	2.9	4.9	6.5	13	33	62	76	89	100	51	100	100	100	100
SD-35	K55906		12/9/2008	11	14	16	24	52	77	83	88	95	70	100	100	100	100
SD-35	K55907		12/9/2008	10	12	14	20	45	84	93	100	100	70	100	100	100	100
SD-35	K55908		12/9/2008	56	67	71	79	90	97	99	100	100	95	100	100	100	100
SD-35	K55909		12/9/2008	18	23	26	36	63	90	95	100	100	82	100	100	100	100

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Portage Creek SRI Phase 2 Sediment Sampling

Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT26-9	PCT26-9	PCT26-9
Sample ID:	K55858	K55859	K55860	K55861	K55862
Duplicate Sample ID:				K56205	
Date:	12/10/2008	12/3/2008	12/3/2008	12/3/2008	12/10/2008
Depth Interval (in):	0-2	2-6	6-12	12-24	24-29
Metals					
Aluminum (mg/kg)	1,960	1,780	10,100	10,200 [7,340]	8,710
Antimony(mg/kg)	0.48 J	ND(6.6 U)	ND(11 U)	ND(12 U) [0.94 J]	1.0 J
Arsenic (mg/kg)	6.8	5.6	18	11 [9.4]	12
Barium (mg/kg)	25	27	125	141 [116]	159
Beryllium (mg/kg)	0.099 J	0.063 J	0.40 J	0.38 J [0.35 J]	0.59 J
Cadmium (mg/kg)	0.28 J	0.23 J	5.4	6.6 [3.1]	4.8
Calcium (mg/kg)	32,000	29,400	12,700	5,030 [3,800]	8,720
Chromium (mg/kg)	8.6	10	81	109 [90]	114
Cobalt (mg/kg)	2.2 J	2.4 J	5.1 J	5.9 J [5.1 J]	6.9 J
Copper (mg/kg)	47	5.3	220	203 [119]	415
Iron(mg/kg)	11,200	8,050	11,100	5,910 [4,570]	10,300
Lead (mg/kg)	31	23	626	701 [536]	825
Magnesium (mg/kg)	10,900	8,300	5,260	2,120 [853 J]	3,480
Manganese (mg/kg)	267	265	183	65 [71]	67
Mercury (mg/kg)	0.064 J	0.062 J	2.1	7.9 [2.7]	3.1
Nickel (mg/kg)	4.9	6.2	34	18 [15]	19
Potassium (mg/kg)	235 J	116 J	268 J	256 J [222 J]	324 J
Selenium (mg/kg)	ND(4.1 U)	ND(3.8 U)	0.73 J	1.4 J [ND(6.2 U)]	1.0 J
Silver (mg/kg)	ND(1.2 U)	ND(1.1 U)	1.1 J	1.5 J [0.60 J]	0.71 J
Sodium (mg/kg)	86 J	73 J	351 J	555 J [552 J]	445 J
Thallium (mg/kg)	ND(3.0 U)	ND(2.7 U)	ND(4.4 U)	ND(4.9 U) [ND(4.4 U)]	ND(4.6 U)
Vanadium (mg/kg)	6.3	6.5	20	16 [14]	19
Zinc (mg/kg)	178	45	606	522 [457]	526
AVS/SEM					
Cadmium (umole/g)	0.00098	0.0025	0.025	0.048 [0.024]	0.00088
Copper (umole/g)	0.061	0.074	0.014	0.44 [0.31]	0.90
Lead (umole/g)	0.10	0.15	1.2	3.4 [1.4]	0.96
Mercury (umole/g)	ND(0.00015 U)	ND(0.00013 U)	ND(0.00023 U)	ND(0.00027 U) [ND(0.00021 U)]	ND(0.00024 U)
Nickel (umole/g)	0.0077	0.019	0.20	0.19 [0.10]	0.094
Silver (umole/g)	0.0043	ND(0.025 U)	ND(0.044 U)	0.0046 [0.0050]	0.0050
Zinc (umole/g)	0.38	0.43	5.4	4.3 [3.7]	3.6
Acid Volatile Sulfide (umole/g)	2.3	2.2	15	32 [6.5]	7.3
Ratio of SEM*/AVS (No Units)	0.24	0.31	0.44	0.26 [0.85]	0.77

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Portage Creek SRI Phase 2 Sediment Sampling

Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT26-9	PCT26-9	PCT26-9
Sample ID:	K55858	K55859	K55860	K55861	K55862
Duplicate Sample ID:				K56205	
Date:	12/10/2008	12/3/2008	12/3/2008	12/3/2008	12/10/2008
Depth Interval (in):	0-2	2-6	6-12	12-24	24-29
Pesticides/Herbicides					
4,4'-DDD (ug/kg)	20	ND(3.8 U)	6.8	34 [33]	28
4,4'-DDE (ug/kg)	37	2.2	8.9	39 [54]	23
4,4'-DDT (ug/kg)	87	ND(3.8 U)	8.9	60 [97]	76
Aldrin (ug/kg)	1.7	ND(2.0 U)	ND(3.3 U)	ND(3.7 U) [ND(3.2 U)]	ND(3.5 U)
Alpha-BHC (ug/kg)	2.5	ND(2.0 U)	ND(3.3 U)	ND(3.7 U) [5.2]	3.6
Alpha-Chlordane (ug/kg)	8.3	7.1	1.8	8.7 [15]	6.2
Beta-BHC (ug/kg)	3.7	ND(2.0 U)	ND(3.3 U)	30 [35]	14
Delta-BHC (ug/kg)	1.4	ND(2.0 U)	ND(3.3 U)	4.4 [2.5]	1.9
Dieldrin (ug/kg)	13	ND(3.8 U)	ND(6.5 U)	22 [29]	9.7
Endosulfan I (ug/kg)	15	2.7	ND(3.3 U)	17 [28]	14
Endosulfan II (ug/kg)	7.3	ND(3.8 U)	ND(6.5 U)	4.7 [7.1]	5.7
Endosulfan Sulfate (ug/kg)	7.2	8.8	ND(6.5 U)	12 [13]	9.8
Endrin (ug/kg)	11	ND(3.8 U)	ND(6.5 U)	11 [19]	14
Endrin Aldehyde (ug/kg)	8.8	ND(3.8 U)	ND(6.5 U)	27 [11]	8.2
Endrin Ketone (ug/kg)	12	3.3	ND(6.5 U)	22 [26]	16
Gamma-BHC(ug/kg)	16	ND(2.0 U)	ND(3.3 U)	54 [47]	19
Gamma-Chlordane (ug/kg)	2.3	2.9	1.7	7.3 [4.3]	2.7
Heptachlor (ug/kg)	2.3	ND(2.0 U)	ND(3.3 U)	190 [180]	48
Heptachlor Epoxide (ug/kg)	18	2.1	ND(3.3 U)	21 [30]	21
Methoxychlor (ug/kg)	ND(21 U)	ND(20 U)	ND(33 U)	ND(37 U) [ND(32 U)]	ND(35 U)
Toxaphene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
SVOCs					
1,1'-Biphenyl (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
1,2,4,5-Tetrachlorobenzene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
2,2'-Oxybis(1-Chloropropane) (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
2,3,4,6-Tetrachlorophenol (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
2,4,5-Trichlorophenol (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
2,4,6-Trichlorophenol (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)

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Portage Creek SRI Phase 2 Sediment Sampling

Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT26-9	PCT26-9	PCT26-9
Sample ID:	K55858	K55859	K55860	K55861	K55862
Duplicate Sample ID:				K56205	
Date:	12/10/2008	12/3/2008	12/3/2008	12/3/2008	12/10/2008
Depth Interval (in):	0-2	2-6	6-12	12-24	24-29
SVOCs (Cont.)					
2,4-Dichlorophenol (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
2,4-Dimethylphenol (ug/kg)	ND(210 U)	ND(200 U)	240 J	320 J [210 J]	ND(350 U)
2,4-Dinitrophenol (ug/kg)	ND(400 U)	ND(380 U)	ND(650 U)	ND(720 U) [ND(620 U)]	ND(670 U)
2,4-Dinitrotoluene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
2,6-Dinitrotoluene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
2-Chloronaphthalene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
2-Chlorophenol(ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
2-Methylnaphthalene (ug/kg)	ND(210 U)	ND(200 U)	750	1,700 [1,100]	530
2-Methylphenol (ug/kg)	ND(210 U)	ND(200 U)	730	190 J [80 J]	ND(350 U)
2-Nitroaniline (ug/kg)	ND(400 U)	ND(380 U)	ND(650 U)	ND(720 U) [ND(620 U)]	ND(670 U)
2-Nitrophenol (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
3,3'-Dichlorobenzidine (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
3-Nitroaniline (ug/kg)	ND(400 U)	ND(380 U)	ND(650 U)	ND(720 U) [ND(620 U)]	ND(670 U)
4,6-Dinitro-2-methylphenol (ug/kg)	ND(400 U)	ND(380 U)	ND(650 U)	ND(720 U) [ND(620 U)]	ND(670 U)
4-Bromophenyl-phenylether (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
4-Chloro-3-Methylphenol (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
4-Chloroaniline (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
4-Chlorophenyl-phenylether (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
4-Methylphenol (ug/kg)	ND(210 U)	ND(200 U)	150 J	120 J [110 J]	ND(350 U)
4-Nitroaniline (ug/kg)	ND(400 U)	ND(380 U)	ND(650 U)	ND(720 U) [ND(620 U)]	ND(670 U)

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Portage Creek SRI Phase 2 Sediment Sampling

Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT26-9	PCT26-9	PCT26-9
Sample ID:	K55858	K55859	K55860	K55861	K55862
Duplicate Sample ID:				K56205	
Date:	12/10/2008	12/3/2008	12/3/2008	12/3/2008	12/10/2008
Depth Interval (in):	0-2	2-6	6-12	12-24	24-29
SVOCs (Cont.)					
4-Nitrophenol (ug/kg)	ND(400 U)	ND(380 U)	ND(650 U)	ND(720 U) [ND(620 U)]	ND(670 U)
Acenaphthene (ug/kg)	32 J	31 J	120 J	370 [250 J]	150 J
Acenaphthylene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Acetophenone (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Anthracene (ug/kg)	86 J	100 J	120 J	230 J [240 J]	120 J
Atrazine (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Benzaldehyde (ug/kg)	ND(210 U)	ND(200 U)	100 J	140 J [140 J]	150 J
Benzo(a)anthracene (ug/kg)	530	540	500	490 [690]	280 J
Benzo(a)pyrene (ug/kg)	550	510	450	530 [630]	260 J
Benzo(b)fluoranthene (ug/kg)	760	740	730	940 [900]	420
Benzo(g,h,i)perylene (ug/kg)	270	230	120 J	130 J [140 J]	56 J
Benzo(k)fluoranthene (ug/kg)	600	510	580	600 [770]	270 J
bis(2-Chloroethoxy)methane (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
bis(2-Chloroethyl)ether (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
bis(2-Ethylhexyl)phthalate (ug/kg)	110	72	1,800	630 [390]	290
Butylbenzylphthalate (ug/kg)	29 J	25 J	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Caprolactam (ug/kg)	77	74	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Carbazole (ug/kg)	68 J	47 J	53 J	110 J [130 J]	41 J
Chrysene (ug/kg)	800	750	700	750 [930]	440
Dibenzo(a,h)anthracene (ug/kg)	55 J	58 J	ND(330 U)	ND(370 U) [43 J]	ND(350 U)
Dibenzofuran (ug/kg)	ND(210 U)	ND(200 U)	82 J	240 J [150 J]	80 J
Diethylphthalate (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Dimethylphthalate (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Di-n-Butylphthalate (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)

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Portage Creek SRI Phase 2 Sediment Sampling

Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT26-9	PCT26-9	PCT26-9
Sample ID:	K55858	K55859	K55860	K55861	K55862
Duplicate Sample ID:				K56205	
Date:	12/10/2008	12/3/2008	12/3/2008	12/3/2008	12/10/2008
Depth Interval (in):	0-2	2-6	6-12	12-24	24-29
SVOCs (Cont.)					
Di-n-Octylphthalate (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Fluoranthene (ug/kg)	1,500	1,700	1,400	1,800 [2,000]	870
Fluorene (ug/kg)	38 J	37 J	130 J	490 [290 J]	180 J
Hexachlorobenzene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Hexachlorobutadiene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Hexachlorocyclopentadiene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Hexachloroethane (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Indeno(1,2,3-cd)pyrene (ug/kg)	290	270	120 J	130 J [170 J]	54 J
Isophorone (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Naphthalene (ug/kg)	ND(210 U)	ND(200 U)	240 J	330 J [270 J]	110 J
Nitrobenzene (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
N-Nitroso-di-n-propylamine (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
N-Nitrosodiphenylamine (ug/kg)	ND(210 U)	ND(200 U)	ND(330 U)	ND(370 U) [ND(320 U)]	ND(350 U)
Pentachlorophenol (ug/kg)	ND(400 U)	ND(380 U)	ND(650 U)	ND(720 U) [ND(620 U)]	ND(670 U)
Phenanthrene (ug/kg)	710	770	860	2,400 [1,700]	910
Phenol (ug/kg)	ND(210 U)	ND(200 U)	540	260 J [130 J]	ND(350 U)
Pyrene (ug/kg)	950	950	740	760 [980]	390
VOCs					
1,1,1-Trichloroethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,1,2,2-Tetrachloroethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,1,2-Trichloro-1,2,2-trifluo (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,1,2-Trichloroethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT26-9	PCT26-9	PCT26-9
Sample ID:	K55858	K55859	K55860	K55861	K55862
Duplicate Sample ID:				K56205	
Date:	12/10/2008	12/3/2008	12/3/2008	12/3/2008	12/10/2008
Depth Interval (in):	0-2	2-6	6-12	12-24	24-29
VOCs (Cont.)					
1,1-Dichloroethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,1-Dichloroethene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,2,3-Trichlorobenzene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,2,4-Trichlorobenzene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,2-Dibromo-3-chloropropane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,2-Dibromoethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,2-Dichlorobenzene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,2-Dichloroethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,2-Dichloropropane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,3-Dichlorobenzene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,4-Dichlorobenzene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
1,4-Dioxane (ug/kg)	ND(17,000 U)	ND(9,500 U)	ND(22,000 U)	ND(28,000 U) [ND(27,000 U)]	ND(28,000 U)
2-Butanone (ug/kg)	ND(1,700 U)	ND(950 U)	ND(2,200 U)	ND(2,800 U) [ND(2,700 U)]	ND(2,800 U)
2-Hexanone (ug/kg)	ND(1,700 U)	ND(950 U)	ND(2,200 U)	ND(2,800 U) [ND(2,700 U)]	ND(2,800 U)
4-Methyl-2-pentanone (ug/kg)	ND(1,700 U)	ND(950 U)	ND(2,200 U)	ND(2,800 U) [ND(2,700 U)]	ND(2,800 U)
Acetone (ug/kg)	14,000	ND(950 U)	ND(2,200 U)	1,600 J [1,600 J]	1,900 J
Benzene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Bromochloromethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)

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Portage Creek SRI Phase 2 Sediment Sampling

Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT26-9	PCT26-9	PCT26-9
Sample ID:	K55858	K55859	K55860	K55861	K55862
Duplicate Sample ID:				K56205	
Date:	12/10/2008	12/3/2008	12/3/2008	12/3/2008	12/10/2008
Depth Interval (in):	0-2	2-6	6-12	12-24	24-29
VOCs (Cont.)					
Bromodichloromethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Bromoform (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Bromomethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Carbon Disulfide (ug/kg)	240 J	ND(480 U)	ND(1,100 U)	290 J [440 J]	430 J
Carbon Tetrachloride (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Chlorobenzene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Chloroethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Chloroform (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Chloromethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
cis-1,2-Dichloroethene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
cis-1,3-Dichloropropene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Cyclohexane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Dibromochloromethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Dichlorodifluoromethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Ethylbenzene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Isopropylbenzene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
m,p-Xylene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Methyl acetate (ug/kg)	1,200	ND(480 U)	ND(1,100 U)	990 J [970 J]	820 J
Methyl tert-butyl ether (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT26-9	PCT26-9	PCT26-9
Sample ID:	K55858	K55859	K55860	K55861	K55862
Duplicate Sample ID:				K56205	
Date:	12/10/2008	12/3/2008	12/3/2008	12/3/2008	12/10/2008
Depth Interval (in):	0-2	2-6	6-12	12-24	24-29
VOCs (Cont.)					
Methylcyclohexane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Methylene Chloride (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
o-Xylene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Styrene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Tetrachloroethene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Toluene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	260 J [ND(1,300 U)]	ND(1,400 U)
trans-1,2-Dichloroethene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
trans-1,3-Dichloropropene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Trichloroethene (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Trichlorofluoromethane (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)
Vinyl Chloride (ug/kg)	ND(860 U)	ND(480 U)	ND(1,100 U)	ND(1,400 U) [ND(1,300 U)]	ND(1,400 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55863	K55864	K55816	K55817	K55818
Duplicate Sample ID:					
Date:	12/10/2008	12/10/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	29-36	36-40	0-2	2-6	6-12
Metals					
Aluminum (mg/kg)	7,370	2,060	3,270	5,640	7,160
Antimony(mg/kg)	ND(8.0 U)	0.45 J	0.45 J	2.7 J	0.85 J
Arsenic (mg/kg)	17	22	17	15	13
Barium (mg/kg)	159	65	87	173	194
Beryllium (mg/kg)	1.9	0.24 J	0.25 J	0.33 J	0.37 J
Cadmium (mg/kg)	0.20 J	0.12 J	1.4	3.2	2.7
Calcium (mg/kg)	8,780	6,280	12,700	14,300	23,200
Chromium (mg/kg)	15	12	31	60	36
Cobalt (mg/kg)	6.4 J	2.7 J	6.0 J	22	5.8 J
Copper (mg/kg)	59	17	448	186	219
Iron(mg/kg)	8,190	7,970	24,300	15,800	11,700
Lead (mg/kg)	630	101	711	1,010	443
Magnesium (mg/kg)	907	921	2,580	3,930	3,920
Manganese (mg/kg)	64	47	369	131	145
Mercury (mg/kg)	1.9	0.17	0.34	4.0	3.7
Nickel (mg/kg)	14	5.8 J	15	225	97
Potassium (mg/kg)	408 J	128 J	202 J	314 J	694 J
Selenium (mg/kg)	0.79 J	ND(5.2 U)	ND(4.8 U)	1.0 J	0.67 J
Silver (mg/kg)	0.75 J	ND(1.5 U)	ND(1.4 U)	0.87 J	0.28 J
Sodium (mg/kg)	830	884	222 J	324 J	193 J
Thallium (mg/kg)	ND(3.3 U)	ND(3.7 U)	ND(3.4 U)	ND(3.9 U)	ND(4.0 U)
Vanadium (mg/kg)	30	7.7	8.6	12	7.9 J
Zinc (mg/kg)	283	189	235	476	245
AVS/SEM					
Cadmium (umole/g)	0.021	ND(0.017 U)	0.0075	0.026	0.016
Copper (umole/g)	0.37	0.18	0.098	ND(0.17 U)	ND(0.16 U)
Lead (umole/g)	1.7	0.31	1.5	1.5	1.2
Mercury (umole/g)	ND(0.00017 U)	ND(0.00019 U)	ND(0.00017 U)	ND(0.00022 U)	ND(0.00020 U)
Nickel (umole/g)	0.11	0.055	0.077	0.16	0.31
Silver (umole/g)	0.0060	0.0025	ND(0.032 U)	0.015	0.0040
Zinc (umole/g)	3.8	2.1	2.3	6.8	2.8
Acid Volatile Sulfide (umole/g)	3.5	1.7	26	22	17
Ratio of SEM*/AVS (No Units)	1.7	1.5	0.15	0.39	0.25

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55863	K55864	K55816	K55817	K55818
Duplicate Sample ID:					
Date:	12/10/2008	12/10/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	29-36	36-40	0-2	2-6	6-12
Pesticides/Herbicides					
4,4'-DDD (ug/kg)	ND(4.7 U)	ND(5.2 U)	10	85	3.6
4,4'-DDE (ug/kg)	ND(4.7 U)	ND(5.2 U)	12	51	ND(5.7 U)
4,4'-DDT (ug/kg)	ND(4.7 U)	ND(5.2 U)	8.8	43	ND(5.7 U)
Aldrin (ug/kg)	ND(2.4 U)	ND(2.7 U)	3.0	ND(3.0 U)	ND(2.9 U)
Alpha-BHC (ug/kg)	ND(2.4 U)	ND(2.7 U)	ND(2.5 U)	2.1	ND(2.9 U)
Alpha-Chlordane (ug/kg)	ND(2.4 U)	ND(2.7 U)	7.8	18	ND(2.9 U)
Beta-BHC (ug/kg)	ND(2.4 U)	ND(2.7 U)	23	26	ND(2.9 U)
Delta-BHC (ug/kg)	ND(2.4 U)	ND(2.7 U)	ND(2.5 U)	1.9	ND(2.9 U)
Dieldrin (ug/kg)	ND(4.7 U)	ND(5.2 U)	ND(4.8 U)	10	ND(5.7 U)
Endosulfan I (ug/kg)	ND(2.4 U)	ND(2.7 U)	4.9	26	ND(2.9 U)
Endosulfan II (ug/kg)	ND(4.7 U)	ND(5.2 U)	ND(4.8 U)	6.6	ND(5.7 U)
Endosulfan Sulfate (ug/kg)	ND(4.7 U)	ND(5.2 U)	ND(4.8 U)	9.9	9.5
Endrin (ug/kg)	ND(4.7 U)	ND(5.2 U)	11	66	ND(5.7 U)
Endrin Aldehyde (ug/kg)	ND(4.7 U)	ND(5.2 U)	ND(4.8 U)	9.2	ND(5.7 U)
Endrin Ketone (ug/kg)	ND(4.7 U)	ND(5.2 U)	5.3	31	3.9
Gamma-BHC(ug/kg)	1.3	ND(2.7 U)	3.1	51	ND(2.9 U)
Gamma-Chlordane (ug/kg)	1.5	ND(2.7 U)	7.4	15	2.2
Heptachlor (ug/kg)	1.3	ND(2.7 U)	6.3	45	ND(2.9 U)
Heptachlor Epoxide (ug/kg)	1.3	ND(2.7 U)	4.1	24	ND(2.9 U)
Methoxychlor (ug/kg)	ND(24 U)	ND(27 U)	ND(25 U)	ND(30 U)	ND(29 U)
Toxaphene (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
SVOCs					
1,1'-Biphenyl (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	210 J
1,2,4,5-Tetrachlorobenzene (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
2,2'-Oxybis(1-Chloropropane) (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
2,3,4,6-Tetrachlorophenol (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
2,4,5-Trichlorophenol (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
2,4,6-Trichlorophenol (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55863	K55864	K55816	K55817	K55818
Duplicate Sample ID:					
Date:	12/10/2008	12/10/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	29-36	36-40	0-2	2-6	6-12
SVOCs (Cont.)					
2,4-Dichlorophenol (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
2,4-Dimethylphenol (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	110 J	ND(290 U)
2,4-Dinitrophenol (ug/kg)	ND(470 U)	ND(520 U)	ND(480 U)	ND(590 U)	ND(570 U)
2,4-Dinitrotoluene (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
2,6-Dinitrotoluene (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
2-Chloronaphthalene (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
2-Chlorophenol(ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
2-Methylnaphthalene (ug/kg)	ND(240 U)	ND(270 U)	50 J	390	1,500
2-Methylphenol (ug/kg)	ND(240 U)	ND(270 U)	30 J	240 J	ND(290 U)
2-Nitroaniline (ug/kg)	ND(470 U)	ND(520 U)	ND(480 U)	ND(590 U)	ND(570 U)
2-Nitrophenol (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
3,3'-Dichlorobenzidine (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
3-Nitroaniline (ug/kg)	ND(470 U)	ND(520 U)	ND(480 U)	ND(590 U)	ND(570 U)
4,6-Dinitro-2-methylphenol (ug/kg)	ND(470 U)	ND(520 U)	ND(480 U)	ND(590 U)	ND(570 U)
4-Bromophenyl-phenylether (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
4-Chloro-3-Methylphenol (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
4-Chloroaniline (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
4-Chlorophenyl-phenylether (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
4-Methylphenol (ug/kg)	ND(240 U)	ND(270 U)	29 J	150 J	61 J
4-Nitroaniline (ug/kg)	ND(470 U)	ND(520 U)	ND(480 U)	ND(590 U)	ND(570 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55863	K55864	K55816	K55817	K55818
Duplicate Sample ID:					
Date:	12/10/2008	12/10/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	29-36	36-40	0-2	2-6	6-12
SVOCs (Cont.)					
4-Nitrophenol (ug/kg)	ND(470 U)	ND(520 U)	ND(480 U)	ND(590 U)	ND(570 U)
Acenaphthene (ug/kg)	ND(240 U)	ND(270 U)	150 J	1,100	6,200
Acenaphthylene (ug/kg)	ND(240 U)	ND(270 U)	53 J	260 J	380
Acetophenone (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Anthracene (ug/kg)	ND(240 U)	ND(270 U)	270	1,200	4,600
Atrazine (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Benzaldehyde (ug/kg)	ND(240 U)	37 J	ND(250 U)	130 J	160 J
Benzo(a)anthracene (ug/kg)	ND(240 U)	ND(270 U)	1,400	3,900	6,000
Benzo(a)pyrene (ug/kg)	ND(240 U)	ND(270 U)	1,400	3,900	5,400
Benzo(b)fluoranthene (ug/kg)	ND(240 U)	ND(270 U)	2,100	4,200	4,700
Benzo(g,h,i)perylene (ug/kg)	ND(240 U)	ND(270 U)	410	860	1,400
Benzo(k)fluoranthene (ug/kg)	ND(240 U)	ND(270 U)	1,300	4,300	3,600
bis(2-Chloroethoxy)methane (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
bis(2-Chloroethyl)ether (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
bis(2-Ethylhexyl)phthalate (ug/kg)	ND(240 U)	ND(270 U)	290	1,300	1,300
Butylbenzylphthalate (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	110 J	340
Caprolactam (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Carbazole (ug/kg)	ND(240 U)	ND(270 U)	140 J	540	170 J
Chrysene (ug/kg)	ND(240 U)	ND(270 U)	1,900	4,900	6,100
Dibenzo(a,h)anthracene (ug/kg)	ND(240 U)	ND(270 U)	110 J	250 J	420
Dibenzofuran (ug/kg)	ND(240 U)	ND(270 U)	55 J	260 J	1,200
Diethylphthalate (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Dimethylphthalate (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Di-n-Butylphthalate (ug/kg)	ND(240 U)	ND(270 U)	50 J	410	ND(290 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55863	K55864	K55816	K55817	K55818
Duplicate Sample ID:					
Date:	12/10/2008	12/10/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	29-36	36-40	0-2	2-6	6-12
SVOCs (Cont.)					
Di-n-Octylphthalate (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Fluoranthene (ug/kg)	34 J	ND(270 U)	3,500	10,000	15,000
Fluorene (ug/kg)	ND(240 U)	ND(270 U)	100 J	680	4,100
Hexachlorobenzene (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Hexachlorobutadiene (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Hexachlorocyclopentadiene (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Hexachloroethane (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Indeno(1,2,3-cd)pyrene (ug/kg)	ND(240 U)	ND(270 U)	460	910	1,400
Isophorone (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Naphthalene (ug/kg)	ND(240 U)	ND(270 U)	61 J	300 J	1,400
Nitrobenzene (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
N-Nitroso-di-n-propylamine (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
N-Nitrosodiphenylamine (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	ND(300 U)	ND(290 U)
Pentachlorophenol (ug/kg)	ND(470 U)	ND(520 U)	ND(480 U)	ND(590 U)	ND(570 U)
Phenanthrene (ug/kg)	43 J	ND(270 U)	1,400	5,400	17,000
Phenol (ug/kg)	ND(240 U)	ND(270 U)	ND(250 U)	190 J	ND(290 U)
Pyrene (ug/kg)	ND(240 U)	ND(270 U)	2,200	6,100	10,000
VOCs					
1,1,1-Trichloroethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,1,2,2-Tetrachloroethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,1,2-Trichloro-1,2,2-trifluo (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,1,2-Trichloroethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55863	K55864	K55816	K55817	K55818
Duplicate Sample ID:					
Date:	12/10/2008	12/10/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	29-36	36-40	0-2	2-6	6-12
VOCs (Cont.)					
1,1-Dichloroethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,1-Dichloroethene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,2,3-Trichlorobenzene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,2,4-Trichlorobenzene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,2-Dibromo-3-chloropropane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,2-Dibromoethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,2-Dichlorobenzene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,2-Dichloroethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,2-Dichloropropane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,3-Dichlorobenzene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,4-Dichlorobenzene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
1,4-Dioxane (ug/kg)	ND(15,000 U)	ND(18,000 U)	ND(16,000 U)	ND(24,000 U)	ND(18,000 U)
2-Butanone (ug/kg)	ND(1,500 U)	ND(1,800 U)	ND(1,600 U)	ND(2,400 U)	ND(1,800 U)
2-Hexanone (ug/kg)	ND(1,500 U)	ND(1,800 U)	ND(1,600 U)	ND(2,400 U)	ND(1,800 U)
4-Methyl-2-pentanone (ug/kg)	ND(1,500 U)	ND(1,800 U)	ND(1,600 U)	ND(2,400 U)	ND(1,800 U)
Acetone (ug/kg)	520 J	770 J	1,400 J	1,200 J	890 J
Benzene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Bromochloromethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)

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Portage Creek SRI Phase 2 Sediment Sampling

Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55863	K55864	K55816	K55817	K55818
Duplicate Sample ID:					
Date:	12/10/2008	12/10/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	29-36	36-40	0-2	2-6	6-12
VOCs (Cont.)					
Bromodichloromethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Bromoform (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Bromomethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Carbon Disulfide (ug/kg)	ND(750 U)	160 J	290 J	400 J	220 J
Carbon Tetrachloride (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Chlorobenzene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Chloroethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Chloroform (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Chloromethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
cis-1,2-Dichloroethene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
cis-1,3-Dichloropropene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Cyclohexane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Dibromochloromethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Dichlorodifluoromethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Ethylbenzene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Isopropylbenzene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
m,p-Xylene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Methyl acetate (ug/kg)	ND(750 U)	440 J	1,000	1,700	780 J
Methyl tert-butyl ether (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT26-9	PCT26-9	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55863	K55864	K55816	K55817	K55818
Duplicate Sample ID:					
Date:	12/10/2008	12/10/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	29-36	36-40	0-2	2-6	6-12
VOCs (Cont.)					
Methylcyclohexane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Methylene Chloride (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
o-Xylene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Styrene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Tetrachloroethene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Toluene (ug/kg)	ND(750 U)	ND(890 U)	180 J	ND(1,200 U)	310 J
trans-1,2-Dichloroethene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
trans-1,3-Dichloropropene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Trichloroethene (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Trichlorofluoromethane (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)
Vinyl Chloride (ug/kg)	ND(750 U)	ND(890 U)	ND(810 U)	ND(1,200 U)	ND(900 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT49-2	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55819	K55820	K55821	K55822
Duplicate Sample ID:				
Date:	12/9/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	12-15	15-24	24-36	36-42
Metals				
Aluminum (mg/kg)	5,600	2,430	6,700	2,940
Antimony(mg/kg)	0.69 J	ND(7.1 U)	0.67 J	ND(7.2 U)
Arsenic (mg/kg)	13	6.0	16	7.7
Barium (mg/kg)	283	74	221	50
Beryllium (mg/kg)	0.40 J	0.093 J	0.27 J	0.11 J
Cadmium (mg/kg)	1.5	0.38 J	0.84	0.43 J
Calcium (mg/kg)	15,600	20,200	27,700	25,500
Chromium (mg/kg)	87	15	42	17
Cobalt (mg/kg)	8.3	2.2 J	3.8 J	1.9 J
Copper (mg/kg)	188	34	100	30
Iron(mg/kg)	10,600	7,050	15,900	8,750
Lead (mg/kg)	453	93	312	112
Magnesium (mg/kg)	3,760	3,750	5,660	4,270
Manganese (mg/kg)	219	117	198	154
Mercury (mg/kg)	3.7	1.9	5.9	1.5
Nickel (mg/kg)	75	15	15	5.1
Potassium (mg/kg)	620 J	203 J	503 J	221 J
Selenium (mg/kg)	1.2 J	ND(4.1 U)	1.1 J	ND(4.2 U)
Silver (mg/kg)	14	ND(1.2 U)	0.65 J	0.20 J
Sodium (mg/kg)	247 J	91 J	209 J	97 J
Thallium (mg/kg)	ND(3.4 U)	ND(3.0 U)	ND(4.2 U)	ND(3.0 U)
Vanadium (mg/kg)	7.5	5.1 J	11	5.5 J
Zinc (mg/kg)	324	74	197	88
AVS/SEM				
Cadmium (umole/g)	0.0066	0.0019	0.0037	0.0016
Copper (umole/g)	0.0047	0.057	0.061	0.15
Lead (umole/g)	0.96	0.43	1.0	0.47
Mercury (umole/g)	ND(0.00022 U)	ND(0.00015 U)	ND(0.00020 U)	ND(0.00015 U)
Nickel (umole/g)	0.23	0.077	0.092	0.044
Silver (umole/g)	0.0042	0.0039	0.0073	0.0025
Zinc (umole/g)	2.2	0.93	1.9	1.1
Acid Volatile Sulfide (umole/g)	20	3.9	7.8	6.2
Ratio of SEM*/AVS (No Units)	0.17	0.38	0.40	0.29

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT49-2	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55819	K55820	K55821	K55822
Duplicate Sample ID:				
Date:	12/9/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	12-15	15-24	24-36	36-42
Pesticides/Herbicides				
4,4'-DDD (ug/kg)	5.9	5.7	ND(5.5 U)	3.0 J
4,4'-DDE (ug/kg)	7.0	5.7	5.9	3.4 J
4,4'-DDT (ug/kg)	5.1 J	3.7	ND(5.5 U)	ND(4.6 U)
Aldrin (ug/kg)	2.3	1.6	ND(2.8 U)	ND(2.4 U)
Alpha-BHC (ug/kg)	ND(3.0 U)	ND(2.4 U)	ND(2.8 U)	ND(2.4 U)
Alpha-Chlordane (ug/kg)	8.0	5.4	2.1	1.8 J
Beta-BHC (ug/kg)	ND(3.0 U)	1.6	ND(2.8 U)	ND(2.4 U)
Delta-BHC (ug/kg)	ND(3.0 U)	1.5	ND(2.8 U)	ND(2.4 U)
Dieldrin (ug/kg)	ND(5.9 U)	3.0 J	ND(5.5 U)	ND(4.6 U)
Endosulfan I (ug/kg)	2.1	1.9	3.8	ND(2.4 U)
Endosulfan II (ug/kg)	4.3	4.7	ND(5.5 U)	ND(4.6 U)
Endosulfan Sulfate (ug/kg)	10	6.2	14	ND(4.6 U)
Endrin (ug/kg)	4.7	4.2	ND(5.5 U)	ND(4.6 U)
Endrin Aldehyde (ug/kg)	17	12	4.4	ND(4.6 U)
Endrin Ketone (ug/kg)	15	15	3.5	ND(4.6 U)
Gamma-BHC(ug/kg)	2.4	0.0	ND(2.8 U)	ND(2.4 U)
Gamma-Chlordane (ug/kg)	5.8	4.9	3.6	1.6
Heptachlor (ug/kg)	4.3	1.5	ND(2.8 U)	ND(2.4 U)
Heptachlor Epoxide (ug/kg)	4.0	4.2	2.3	ND(2.4 U)
Methoxychlor (ug/kg)	ND(30 U)	13	ND(28 U)	ND(24 U)
Toxaphene (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
SVOCs				
1,1'-Biphenyl (ug/kg)	280 J	130 J	250 J	350
1,2,4,5-Tetrachlorobenzene (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2,2'-Oxybis(1-Chloropropane) (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2,3,4,6-Tetrachlorophenol (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2,4,5-Trichlorophenol (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2,4,6-Trichlorophenol (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT49-2	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55819	K55820	K55821	K55822
Duplicate Sample ID:				
Date:	12/9/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	12-15	15-24	24-36	36-42
SVOCs (Cont.)				
2,4-Dichlorophenol (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2,4-Dimethylphenol (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2,4-Dinitrophenol (ug/kg)	ND(590 U)	ND(460 U)	ND(550 U)	ND(460 U)
2,4-Dinitrotoluene (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2,6-Dinitrotoluene (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2-Chloronaphthalene (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2-Chlorophenol(ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
2-Methylnaphthalene (ug/kg)	840	250	210 J	100 J
2-Methylphenol (ug/kg)	42 J	ND(240 U)	ND(280 U)	ND(240 U)
2-Nitroaniline (ug/kg)	ND(590 U)	ND(460 U)	ND(550 U)	ND(460 U)
2-Nitrophenol (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
3,3'-Dichlorobenzidine (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
3-Nitroaniline (ug/kg)	ND(590 U)	ND(460 U)	ND(550 U)	ND(460 U)
4,6-Dinitro-2-methylphenol (ug/kg)	ND(590 U)	ND(460 U)	ND(550 U)	ND(460 U)
4-Bromophenyl-phenylether (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
4-Chloro-3-Methylphenol (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
4-Chloroaniline (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
4-Chlorophenyl-phenylether (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
4-Methylphenol (ug/kg)	130 J	100 J	82 J	85 J
4-Nitroaniline (ug/kg)	ND(590 U)	ND(460 U)	ND(550 U)	ND(460 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT49-2	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55819	K55820	K55821	K55822
Duplicate Sample ID:				
Date:	12/9/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	12-15	15-24	24-36	36-42
SVOCs (Cont.)				
4-Nitrophenol (ug/kg)	ND(590 U)	ND(460 U)	ND(550 U)	ND(460 U)
Acenaphthene (ug/kg)	7,200	6,700	8,900	7,200
Acenaphthylene (ug/kg)	1,200	850	570	860
Acetophenone (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Anthracene (ug/kg)	11,000	5,900	4,800	13,000
Atrazine (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Benzaldehyde (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Benzo(a)anthracene (ug/kg)	19,000	12,000	10,000	12,000
Benzo(a)pyrene (ug/kg)	13,000	8,700	8,100	8,800
Benzo(b)fluoranthene (ug/kg)	10,000	7,200	9,100	7,600
Benzo(g,h,i)perylene (ug/kg)	2,400	1,600	1,400	1,300
Benzo(k)fluoranthene (ug/kg)	9,900	5,700	6,900	8,300
bis(2-Chloroethoxy)methane (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
bis(2-Chloroethyl)ether (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
bis(2-Ethylhexyl)phthalate (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Butylbenzylphthalate (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Caprolactam (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Carbazole (ug/kg)	380	240	300	400
Chrysene (ug/kg)	17,000	11,000	9,400	9,900
Dibenzo(a,h)anthracene (ug/kg)	1,200	610	610	720
Dibenzofuran (ug/kg)	1,100	500	820	1,900
Diethylphthalate (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Dimethylphthalate (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Di-n-Butylphthalate (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)

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Portage Creek SRI Phase 2 Sediment Sampling

Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT49-2	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55819	K55820	K55821	K55822
Duplicate Sample ID:				
Date:	12/9/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	12-15	15-24	24-36	36-42
SVOCs (Cont.)				
Di-n-Octylphthalate (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Fluoranthene (ug/kg)	32,000	21,000	23,000	35,000
Fluorene (ug/kg)	5,400	5,400	9,300	8,700
Hexachlorobenzene (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Hexachlorobutadiene (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Hexachlorocyclopentadiene (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Hexachloroethane (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Indeno(1,2,3-cd)pyrene (ug/kg)	2,900	1,900	1,600	1,600
Isophorone (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Naphthalene (ug/kg)	1,100	480	580	370
Nitrobenzene (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
N-Nitroso-di-n-propylamine (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
N-Nitrosodiphenylamine (ug/kg)	ND(300 U)	ND(240 U)	ND(280 U)	ND(240 U)
Pentachlorophenol (ug/kg)	ND(590 U)	ND(460 U)	ND(550 U)	ND(460 U)
Phenanthrene (ug/kg)	31,000	11,000	8,800	21,000
Phenol (ug/kg)	140 J	130 J	110 J	100 J
Pyrene (ug/kg)	20,000	14,000	11,000	17,000
VOCs				
1,1,1-Trichloroethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,1,2,2-Tetrachloroethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,1,2-Trichloro-1,2,2-trifluo (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,1,2-Trichloroethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)

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Portage Creek SRI Phase 2 Sediment Sampling

Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT49-2	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55819	K55820	K55821	K55822
Duplicate Sample ID:				
Date:	12/9/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	12-15	15-24	24-36	36-42
VOCs (Cont.)				
1,1-Dichloroethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,1-Dichloroethene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,2,3-Trichlorobenzene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,2,4-Trichlorobenzene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,2-Dibromo-3-chloropropane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,2-Dibromoethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,2-Dichlorobenzene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,2-Dichloroethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,2-Dichloropropane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,3-Dichlorobenzene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,4-Dichlorobenzene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
1,4-Dioxane (ug/kg)	ND(24,000 U)	ND(14,000 U)	ND(20,000 U)	ND(13,000 U)
2-Butanone (ug/kg)	ND(2,400 U)	ND(1,400 U)	ND(2,000 U)	ND(1,300 U)
2-Hexanone (ug/kg)	ND(2,400 U)	ND(1,400 U)	ND(2,000 U)	ND(1,300 U)
4-Methyl-2-pentanone (ug/kg)	ND(2,400 U)	ND(1,400 U)	ND(2,000 U)	ND(1,300 U)
Acetone (ug/kg)	790 J	540 J	930 J	550 J
Benzene (ug/kg)	340 J	ND(710 U)	ND(990 U)	ND(670 U)
Bromochloromethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT49-2	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55819	K55820	K55821	K55822
Duplicate Sample ID:				
Date:	12/9/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	12-15	15-24	24-36	36-42
VOCs (Cont.)				
Bromodichloromethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Bromoform (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Bromomethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Carbon Disulfide (ug/kg)	250 J	ND(710 U)	ND(990 U)	160 J
Carbon Tetrachloride (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Chlorobenzene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Chloroethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Chloroform (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Chloromethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
cis-1,2-Dichloroethene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
cis-1,3-Dichloropropene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Cyclohexane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Dibromochloromethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Dichlorodifluoromethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Ethylbenzene (ug/kg)	490 J	ND(710 U)	ND(990 U)	ND(670 U)
Isopropylbenzene (ug/kg)	350 J	ND(710 U)	ND(990 U)	ND(670 U)
m,p-Xylene (ug/kg)	700 J	ND(710 U)	ND(990 U)	ND(670 U)
Methyl acetate (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Methyl tert-butyl ether (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)

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Table 3 -- Portage Creek Phase 2 SRI TCL/TAL and AVS/SEM Analytical Data

Location ID:	PCT49-2	PCT49-2	PCT49-2	PCT49-2
Sample ID:	K55819	K55820	K55821	K55822
Duplicate Sample ID:				
Date:	12/9/2008	12/9/2008	12/9/2008	12/9/2008
Depth Interval (in):	12-15	15-24	24-36	36-42
VOCs (Cont.)				
Methylcyclohexane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Methylene Chloride (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
o-Xylene (ug/kg)	400 J	ND(710 U)	ND(990 U)	ND(670 U)
Styrene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Tetrachloroethene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Toluene (ug/kg)	280 J	ND(710 U)	ND(990 U)	ND(670 U)
trans-1,2-Dichloroethene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
trans-1,3-Dichloropropene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Trichloroethene (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Trichlorofluoromethane (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)
Vinyl Chloride (ug/kg)	ND(1,200 U)	ND(710 U)	ND(990 U)	ND(670 U)

Notes:
ND - Non-detect
J - Indicates an estimated value.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
UJ - The compound was not detected above the reported sample quantitation limit. However, thereported limit is approximate and may or may not represent the actual limit of quantitation.

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Portage Creek SRI Phase 2 Sediment Sampling

Table 4 -- Summary of Sediment Total PCB Data

Depth Interval (in)	Frequency of Detection	Total PCB (mg/kg) Data Range	Location of Max Detect	Arithmetic Mean	Standard Deviation	Geomean	Median
All Sediment Data							
0-2	41/44 (93%)	ND(0.083 U) - 130	PPT1-1 (0-2 in)	5.6	20	0.68	0.83
2-6	43/45 (96%)	ND(0.091 U) - 63 J	PCT49-2 (2-6 in)	4.9	13	0.85	0.95
6-12	43/45 (96%)	ND(0.080 U) - 100	PCT26-9 (6-12 in)	7.7	20	1.1	1.0
12-24	41/49 (84%)	ND(0.094 U) - 150 [300]	PCT26-9 (12-24 in)	16	42	1.3	1.5
24-36	18/22 (82%)	ND(0.083 U) - 230	PCT25-1 (24-32 in)	33	59	1.8	2.5
>36	13/20 (65%)	ND(0.098 U) - 120	SD-21 (36-40 in)	9.1	27	0.48	0.33
All Samples	199/225 (88%)	ND(0.098 U) - 230	PCT25-1 (24-32 in)	11	32	0.96	0.86
Sediment Deposit							
0-2	16/17 (94%)	ND(0.056 U) - 35 E	SD-32 (0-2 in)	3.1	8.3	0.77	0.94
2-6	17/17 (100%)	0.054 J - 4.5	SD-04 (2-7 in)	1.1	1.4	0.54	0.62
6-12	17/18 (94%)	ND(0.061 U) - 17	SD-28 (6-12 in)	4.9	6.2	1.3	2.3
12-24	12/17 (71%)	ND(0.094 U) - 120 [67]	SD-22 (13-24 in)	9.0	23	0.47	0.53
24-36	8/9 (89%)	ND(0.071 U) - 130	SD-22 (24-27 in)	39	46	6.4	12
>36	10/13 (77%)	ND(0.086 U) - 120	SD-21 (36-40 in)	14	33	1.2	2.1
All Samples	80/91 (88%)	ND(0.094 U) - 130	SD-22 (24-27 in)	9.3	24	0.95	0.94
Sediment Transect							
0-2	25/27 (93%)	ND(0.083 U) - 130	PPT1-1 (0-2 in)	7.2	25	0.64	0.81
2-6	26/28 (93%)	ND(0.091 U) - 63 J	PCT49-2 (2-6 in)	7.2	17	1.1	1.1
6-12	26/27 (96%)	ND(0.080 U) - 100	PCT26-9 (6-12 in)	9.6	25	1.0	0.86
12-24	29/32 (91%)	ND(0.082 U) - 150 [300]	PCT26-9 (12-24 in)	20	49	2.2	2.8
24-36	10/13 (77%)	ND(0.083 U) - 230	PCT25-1 (24-32 in)	28	68	0.73	0.56
>36	3/7 (43%)	ND(0.098 U) - 0.44 J	PCT26-9 (36-40 in)	0.14	0.15	0.084	0.049
All Samples	119/134 (89%)	ND(0.098 U) - 230	PCT25-1 (24-32 in)	12	37	0.97	0.84

Notes:
ND - Not detected.
Duplicate samples averaged.
NDs were counted as ½ the detection limit for calculation of arithmetic mean, standard deviation, and geomean.
[ ] - Values in brackets represent a parent sample/duplicate sample pair.
Sample top depth used to group results in depth intervals (e.g., top depth < 2 in placed in 0-2 in interval).

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Table 5 -- Summary of Depth-weighted Transect Sediment Total PCB Data

Depth Interval (in)	Frequency of Detection	Total PCB (mg/kg) Data Range	Location of Max Detect	Arithmetic Mean	Standard Deviation	Geomean	Median
2008 Phase 2 SRI Transect Sediment							
0-2	25/27 (93%)	ND(0.083) - 130	PPT1-1 (0-2 in)	7.2	25	0.64	0.81
2-12	27/27 (100%)	0.14 - 60	PCT26-9 (2-12 in)	7.0	13	1.6	1.2
12-24	22/24 (92%)	ND(0.082) - 225	PCT26-9 (12-24 in)	20	51	2.0	1.6
24-36	12/13 (92%)	ND(0.083) - 154	PCT25-1 (24-36 in)	19	43	0.98	0.70
>36	4/7 (57%)	ND(0.070) - 3.0	PCT36-4 (36-37 in)	0.56	1.1	0.15	0.19
All Samples	90/98 (92%)	ND(0.083) - 225	PCT26-9 (12-24 in)	11	33	1.0	0.84
1993 RI Sediment Transect							
0-2	41/42 (98%)	ND(0.12) - 75	PPT9-1 (0-2 in)	4.2	12	1.4	1.2
2-12	41/42 (98%)	ND(0.070) - 79	PPT1-4 (2-12 in)	5.2	12	1.6	1.3
12-24	21/29 (72%)	ND(0.075) - 38	PPT1-4 (12-24 in)	4.2	7.9	0.66	1.2
24-36	12/20 (60%)	ND(0.086) - 9.0	PPT1-2 (24-36 in)	1.3	2.3	0.21	0.12
>36	2/3 (67%)	ND(0.070) - 0.73	PPT9-2 (36-38 in)	0.36	0.35	0.20	0.30
All Samples	117/136 (86%)	ND(0.12) - 79	PPT1-4 (2-12 in)	4.0	10	0.89	1.12

Notes:
ND - Not detected.
Duplicate samples averaged.
NDs were counted as ½ the detection limit for calculation of arithmetic mean, standard deviation, and geomean.
[ ] - Values in brackets represent a parent sample/duplicate sample pair.
Data were depth-weighted prior to calculation of summary statistics.

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Table 6 -- Summary of Sediment Grain Size Data

Analyte (units)	Depth Interval (in)	Total Number of Samples	Data Range	Location of Max Detect	Arithmetic Mean	Standard Deviation	Median
All Sediment Data							
Gravel (%)	0-2	44	0.0 - 81	PCT3-3 (0-2 in)	17	20	7.5
	2-6	43	0.0 - 68	PCT3-3 (2-6 in)	15	16	10
	6-12	43	0.0 - 50	SD-18 (6-12 in)	11	13	4.9
	12-24	46	0.0 - 50	PCT9-6 (12-16 in)	8.8	12	4.4
	24-36	19	0.0 - 27	PCT25-1 (24-32 in)	4.1	7.6	0.9
	>36	18	0.0 - 29	SD-34 (36-39 in)	3.3	6.8	1.3
	All Samples	213	0.0 - 81	PCT3-3 (0-2 in)	11	15	4.6
Coarse Sand (%)	0-2	44	0.40 - 24	SD-22 (0-2 in)	6.2	5.6	4.3
	2-6	43	0.40 - 23	SD-18 (2-6 in)	7.1	5.7	6.7
	6-12	43	0.0 - 21	PPT10-2 (7-12 in)	6.4	5.5	4.8
	12-24	46	0.0 - 16	SD-27 (12-17 in)	5.7	4.7	4.5
	24-36	19	0.0 - 28	SD-34 (26-36 in)	4.1	6.1	2.6
	>36	18	0.0 - 25	SD-34 (36-39 in)	3.9	5.5	2.6
	All Samples	213	0.0 - 28	SD-34 (26-36 in)	5.9	5.5	3.9
Medium Sand (%)	0-2	44	2.3 - 52	PCT25-1 (0-2 in)	19	13	19
	2-6	43	1.8 - 54	PCT25-1 (2-6 in)	21	13	20
	6-12	43	1.2 - 52	PPT1-4 (6-12 in)	22	13	21
	12-24	46	0.70 - 66	SD-29 (12-19 in)	20	14	19
	24-36	19	1.3 - 53	SD-21 (24-27 in)	21	15	20
	>36	18	4.5 - 63	PCT25-1 (36-39 in)	23	15	20
	All Samples	213	0.70 - 66	SD-29 (12-19 in)	21	14	20
Fine Sand (%)	0-2	44	2.0 - 90	SD-28 (0-2 in)	38	20	35
	2-6	43	4.5 - 88	SD-28 (2-6 in)	37	18	33
	6-12	43	11 - 96	SD-31 (8-12 in)	41	18	40
	12-24	46	8.5 - 87 [87]	PCT22-1 (12-24 in)	43	20	40
	24-36	19	6.7 - 90	PCT22-1 (24-34 in)	36	23	40
	>36	18	10 - 78	PCT33-1 (36-39 in)	43	19	44
	All Samples	213	2.0 - 96	SD-31 (8-12 in)	40	19	38
Silt (%)	0-2	44	0.60 - 64	SD-04 (0-2 in)	16	18	7.3
	2-6	43	0.60 - 76	PCT45-1 (2-6 in)	15	17	6.5
	6-12	43	0.30 - 56	SD-27 (6-12 in)	14	15	7.4
	12-24	46	1.2 [0.80] - 54	PCT25-1 (17-24 in)	15	14	11
	24-36	19	0.70 - 55	PCT42-3 (24-36 in)	23	21	14
	>36	18	3.5 - 57	SD-22 (36-43 in)	19	17	12
	All Samples	213	0.30 - 76	PCT45-1 (2-6 in)	16	17	9.3

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Table 6 -- Summary of Sediment Grain Size Data

Analyte (units)	Depth Interval (in)	Total Number of Samples	Data Range	Location of Max Detect	Arithmetic Mean	Standard Deviation	Median
Clay (%)	0-2	44	0.0 - 25	PCT51-1 (0-2 in)	3.6	5.8	1.2
	2-6	43	0.0 - 25	SD-27 (2-6 in)	5.4	7.5	1.7
	6-12	43	0.0 - 35	PCT51-1 (6-9 in)	5.8	8.3	2.0
	12-24	46	0.0 - 37	PCT25-1 (17-24 in)	6.9	9.1	3.8
	24-36	19	0.60 - 44 [36]	SD-21 (27-36 in)	12	13	4.8
	>36	18	0.0 - 24	SD-22 (36-43 in)	7.8	8.6	3.6
	All Samples	213	0.0 - 44 [36]	SD-21 (27-36 in)	6.2	8.6	2.4
Deposit Sediment Data							
Gravel (%)	0-2	17	0.0 - 52	SD-31 (0-2 in)	14	16	7.1
	2-6	17	0.0 - 43	SD-31 (2-8 in)	12	12	10
	6-12	18	0.0 - 50	SD-18 (6-12 in)	13	16	2.5
	12-24	17	0.0 - 40	SD-16A (12-19 in)	10	13	5.9
	24-36	9	0.0 - 22	SD-34 (26-36 in)	3.7	7.1	0.9
	>36	13	0.0 - 29	SD-34 (36-39 in)	4.4	7.7	2.3
	All Samples	91	0.0 - 52	SD-31 (0-2 in)	10	13	3.9
Coarse Sand (%)	0-2	17	0.70 - 24	SD-22 (0-2 in)	4.8	5.6	3.0
	2-6	17	0.40 - 23	SD-18 (2-6 in)	7.0	6.8	4.1
	6-12	18	0.70 - 18	SD-29 (6-12 in)	5.4	5.6	2.7
	12-24	17	0.0 - 16	SD-27 (12-17 in)	7.1	5.4	6.2
	24-36	9	0.0 - 28	SD-34 (26-36 in)	5.6	8.6	3.9
	>36	13	0.0 - 25	SD-34 (36-39 in)	4.4	6.3	2.7
	All Samples	91	0.0 - 28	SD-34 (26-36 in)	5.8	6.2	3.4
Medium Sand (%)	0-2	17	4.0 - 38	SD-03 (0-2 in)	15	11	9.1
	2-6	17	4.1 - 34	SD-29 (2-6 in)	18	10	16
	6-12	18	1.2 - 38	SD-22 (6-13 in)	16	11	14
	12-24	17	1.9 - 66	SD-29 (12-19 in)	24	17	19
	24-36	9	2.5 - 53	SD-21 (24-27 in)	22	16	26
	>36	13	5.3 - 39	SD-21 (40-48 in)	21	11	19
	All Samples	91	1.2 - 66	SD-29 (12-19 in)	19	13	17
Fine Sand (%)	0-2	17	11 - 90	SD-28 (0-2 in)	43	22	35
	2-6	17	16 - 88	SD-28 (2-6 in)	43	19	43
	6-12	18	11 - 96	SD-31 (8-12 in)	42	24	37
	12-24	17	9.3 - 79	SD-31 (12-15 in)	40	18	36
	24-36	9	8.9 [11] - 66	SD-25 (26-36 in)	29	20	19
	>36	13	10 - 67	SD-25 (72-79 in)	40	19	42
	All Samples	91	9.3 - 96	SD-31 (8-12 in)	41	20	37

See notes on Page 4.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Portage Creek SRI Phase 2 Sediment Sampling

Table 6 -- Summary of Sediment Grain Size Data

Analyte (units)	Depth Interval (in)	Total Number of Samples	Data Range	Location of Max Detect	Arithmetic Mean	Standard Deviation	Median
Silt (%)	0-2	17	1.0 - 64	SD-04 (0-2 in)	18	20	7.2
	2-6	17	1.8 - 51	SD-27 (2-6 in)	15	15	9.0
	6-12	18	0.70 - 56	SD-27 (6-12 in)	16	16	8.0
	12-24	17	1.1 - 55 [50]	SD-22 (13-24 in)	14	14	9.6
	24-36	9	3.3 - 53	SD-20 (24-37 in)	26	23	14
	>36	13	4.5 - 57	SD-22 (36-43 in)	21	18	16
	All Samples	91	0.70 - 64	SD-04 (0-2 in)	18	17	11
Clay (%)	0-2	17	0.0 - 20	SD-04 (0-2 in)	4.1	5.7	2.0
	2-6	17	0.0 - 25	SD-27 (2-6 in)	5.4	7.3	1.7
	6-12	18	0.40 - 30	SD-27 (6-12 in)	7.0	9.3	2.3
	12-24	17	0.0 - 26 [20]	SD-22 (13-24 in)	5.1	6.6	2.9
	24-36	9	0.60 - 44 [36]	SD-21 (27-36 in)	14	14	8.8
	>36	13	0.0 - 24	SD-22 (36-43 in)	8.7	9.0	5.1
	All Samples	91	0.0 - 44 [36]	SD-21 (27-36 in)	6.7	8.7	2.6
Transect Sediment Data							
Gravel (%)	0-2	27	0.40 - 81	PCT3-3 (0-2 in)	19	22	9.2
	2-6	26	0.0 - 68	PCT3-3 (2-6 in)	17	18	11
	6-12	25	0.0 - 49	PCT3-3 (6-12 in)	10	11	5.1
	12-24	29	0.0 - 50	PCT9-6 (12-16 in)	7.9	12	3.2
	24-36	10	0.0 - 27	PCT25-1 (24-32 in)	4.4	8.4	0.8
	>36	5	0.0 - 1.7	PCT33-1 (39-48 in)	0.34	0.76	0.0
	All Samples	122	0.0 - 81	PCT3-3 (0-2 in)	12	16	4.8
Coarse Sand (%)	0-2	27	0.40 - 18	PCT25-1 (0-2 in)	7.1	5.4	6.7
	2-6	26	0.70 - 16	PCT24-1 (2-6 in)	7.2	5.0	7.4
	6-12	25	0.0 - 21	PPT10-2 (7-12 in)	7.1	5.5	6.2
	12-24	29	0.0 - 12 [15]	PCT17-3 (12-23 in)	4.9	4.2	3.5
	24-36	10	0.70 - 11 [4.9]	PCT36-4 (24-37 in)	2.8	2.2	2.1
	>36	5	0.0 - 6.1	PCT33-1 (39-48 in)	2.7	2.5	1.6
	All Samples	122	0.0 - 21	PPT10-2 (7-12 in)	6.0	4.9	4.9
Medium Sand (%)	0-2	27	2.3 - 52	PCT25-1 (0-2 in)	21	14	21
	2-6	26	1.8 - 54	PCT25-1 (2-6 in)	23	15	21
	6-12	25	3.3 - 52	PPT1-4 (6-12 in)	26	14	23
	12-24	29	0.70 - 41	PCT36-4 (12-24 in)	18	11	20
	24-36	10	1.3 - 43	PCT19-7 (24-34 in)	20	15	20
	>36	5	4.5 - 63	PCT25-1 (36-39 in)	28	25	27
	All Samples	122	0.70 - 63	PCT25-1 (36-39 in)	22	14	21

See notes on Page 4.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Portage Creek SRI Phase 2 Sediment Sampling

Table 6 -- Summary of Sediment Grain Size Data

Analyte (units)	Depth Interval (in)	Total Number of Samples	Data Range	Location of Max Detect	Arithmetic Mean	Standard Deviation	Median
Fine Sand (%)	0-2	27	2.0 - 71	PCT47-1 (0-2 in)	35	18	32
	2-6	26	4.5 - 65	PPT8-3 (2-8 in)	33	16	30
	6-12	25	12 - 60	PPT8-3 (8-12 in)	39	13	41
	12-24	29	8.5 - 87 [87]	PCT22-1 (12-24 in)	45	21	42
	24-36	10	6.7 - 90	PCT22-1 (24-34 in)	43	25	43
	>36	5	27 - 78	PCT33-1 (36-39 in)	49	21	47
	All Samples	122	2.0 - 90	PCT22-1 (24-34 in)	39	19	39
Silt (%)	0-2	27	0.60 - 56	PCT51-1 (0-2 in)	14	16	7.3
	2-6	26	0.60 - 76	PCT45-1 (2-6 in)	15	18	6.5
	6-12	25	0.30 - 41	PCT51-1 (6-9 in)	13	14	7.4
	12-24	29	1.2 [0.80] - 54	PCT25-1 (17-24 in)	16	15	12
	24-36	10	0.70 - 55	PCT42-3 (24-36 in)	20	19	12
	>36	5	3.5 - 44	PCT42-3 (36-46 in)	15	17	9.3
	All Samples	122	0.30 - 76	PCT45-1 (2-6 in)	15	16	8.8
Clay (%)	0-2	27	0.0 - 25	PCT51-1 (0-2 in)	3.2	5.8	0.8
	2-6	26	0.0 - 24	PPT1-1 (4-12 in)	5.3	7.7	1.9
	6-12	25	0.0 - 35	PCT51-1 (6-9 in)	5.0	7.6	2.0
	12-24	29	0.0 - 37	PCT25-1 (17-24 in)	7.9	10	4.4
	24-36	10	0.90 - 36	PCT42-3 (24-36 in)	9.8	12	4.6
	>36	5	0.70 - 19	PCT42-3 (36-46 in)	5.4	7.9	2.1
	All Samples	122	0.0 - 37	PCT25-1 (17-24 in)	5.8	8.5	2.2

Notes:

NA - Not applicable.

ND - Not detected.

Duplicate samples averaged.

NDs were counted as ½ the detection limit for calculation of arithmetic mean and standard deviation.

[ ] - Values in brackets represent a parent sample/duplicate sample pair.

Sample top depth used to group results in depth intervals (e.g., top depth < 2 in placed in 0-2 in interval).

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Portage Creek SRI Phase 2 Sediment Sampling

Table 7 -- Summary of Sediment Percent Solids and Total Organic Carbon Data

Analyte (units)	Depth Interval (in)	Total Number of Samples	Data Range	Location of Max Detect	Arithmetic Mean	Standard Deviation	Geomean	Median
All Sediment Data								
Percent Solids (%)	0-2	44	35 - 97	PCT36-4 (0-2 in)	72	17	70	74
	2-6	45	42 - 96	PCT33-1 (2-6 in)	73	16	71	77
	6-12	45	37 - 96	PCT33-1 (6-12 in)	74	14	73	76
	12-24	49	61 [33] - 94	SD-25 (12-22 in)	71	14	70	72
	24-36	22	24 - 93	SD-21 (24-27 in)	65	17	63	65
	>36	20	39 - 92	PCT25-1 (36-39 in)	67	16	65	68
	All Samples	225	24 - 97	PCT36-4 (0-2 in)	71	16	69	72
Total Organic Carbon (mg/kg)	0-2	42	2,830 - 150,000	SD-14 (0-2 in)	57,593	45,107	37,339	47,850
	2-6	43	4,030 - 161,000	PCT44-1 (2-6 in)	44,092	40,587	27,064	30,200
	6-12	43	2,350 - 124,000	SD-34 (6-12 in)	38,023	33,241	24,320	24,000
	12-24	46	2,650 - 144,000	SD-25 (22-26 in)	46,772	39,445	29,381	37,500
	24-36	19	2,900 - 318,000	PCT24-1 (25-31 in)	74,321	70,191	46,743	61,900
	>36	18	2,880 - 215,000 [153,000]	SD-25 (58-72 in)	61,126	47,938	38,880	63,250
	All Samples	211	2,350 - 318,000	PCT24-1 (25-31 in)	50,302	44,764	31,140	38,500

See notes on Page 3.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Portage Creek SRI Phase 2 Sediment Sampling

Table 7 -- Summary of Sediment Percent Solids and Total Organic Carbon Data

Analyte (units)	Depth Interval (in)	Total Number of Samples	Data Range	Location of Max Detect	Arithmetic Mean	Standard Deviation	Geomean	Median
Deposit Sediment Data								
Percent Solids (%)	0-2	17	35 - 95	SD-21 (0-2 in)	67	19	64	65
	2-6	17	45 - 93	SD-29 (2-6 in)	74	14	72	72
	6-12	18	37 - 91	SD-21 (6-12 in)	72	15	71	75
	12-24	17	61 [33] - 94	SD-25 (12-22 in)	74	14	73	78
	24-36	9	48 - 93	SD-21 (24-27 in)	71	16	69	70
	>36	13	39 - 87	SD-25 (36-48 in)	65	16	64	63
	All Samples	91	35 - 95	SD-21 (0-2 in)	71	16	69	74
Total Organic Carbon (mg/kg)	0-2	17	7,880 - 150,000	SD-14 (0-2 in)	66,522	47,781	46,920	64,100
	2-6	17	4,030 - 130,000	SD-34 (2-6 in)	39,845	35,750	26,137	23,200
	6-12	18	5,670 - 124,000	SD-34 (6-12 in)	40,465	32,466	29,859	30,250
	12-24	17	2,650 - 144,000	SD-25 (22-26 in)	42,419	40,429	24,436	17,100
	24-36	9	8,000 - 111,000	SD-20 (24-37 in)	64,467	37,085	51,038	61,900
	>36	13	11,500 - 215,000 [153,000]	SD-25 (58-72 in)	66,046	48,013	49,024	69,400
	All Samples	91	2,650 - 215,000 [153,000]	SD-25 (58-72 in)	51,610	41,328	34,552	42,800

See notes on Page 3.

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Portage Creek SRI Phase 2 Sediment Sampling

Table 7 -- Summary of Sediment Percent Solids and Total Organic Carbon Data

Analyte (units)	Depth Interval (in)	Total Number of Samples	Data Range	Location of Max Detect	Arithmetic Mean	Standard Deviation	Geomean	Median
Transect Sediment Data								
Percent Solids (%)	0-2	27	44 - 97	PCT36-4 (0-2 in)	75	16	73	74
	2-6	28	42 - 96	PCT33-1 (2-6 in)	73	18	71	79
	6-12	27	51 - 96	PCT33-1 (6-12 in)	75	14	74	76
	12-24	32	48 - 91	PCT36-4 (12-24 in)	69	14	68	72
	24-36	13	24 - 82 [82]	PCT36-4 (24-37 in)	61	17	59	64
	>36	7	50 - 92	PCT25-1 (36-39 in)	70	16	69	72
	All Samples	134	24 - 97	PCT36-4 (0-2 in)	72	16	70	72
Total Organic Carbon (mg/kg)	0-2	25	2,830 - 139,000	PCT44-1 (0-2 in)	51,522	43,115	31,968	47,300
	2-6	26	4,280 - 161,000	PCT44-1 (2-6 in)	46,869	43,923	27,687	31,300
	6-12	25	2,350 - 116,000	PCT48-4 (6-12 in)	36,265	34,341	20,980	22,500
	12-24	29	3,360 - 132,000	PCT25-1 (12-17 in)	49,324	39,349	32,733	42,300
	24-36	10	2,900 - 318,000	PCT24-1 (25-31 in)	83,190	91,905	43,187	61,800
	>36	5	2,880 - 106,000	PCT33-1 (36-39 in)	48,332	50,674	21,279	28,300
	All Samples	120	2,350 - 318,000	PCT24-1 (25-31 in)	49,310	47,350	28,779	37,450

Notes:

ND - Not detected.

Duplicate samples averaged.

NDs were counted as ½ the detection limit for calculation of arithmetic mean, standard deviation, and geomean.

[ ] - Values in brackets represent a parent sample/duplicate sample pair.

Sample top depth used to group results in depth intervals (e.g., top depth < 2 in placed in 0-2 in interval).

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Figures

SYR-90 MTK
KRSG-Portage Creek (B0064552.00500)
Q:\KRSG\MorrowDamToPlainwellDam\SRI_DataAnalysis\PortageCreek\mxd\Phase 2 PC Max PCB Results - PC North_v2.mxd - 3/10/2009 @ 10:29:35 AM

LEGEND:

PHASE 2 SEDIMENT SAMPLE LOCATION
MAXIMUM PCB RESULT (MG/KG):

- 0 - 1
- 1 - 4
- 4 - 8
- 8 - 50
- > 50
- PORTAGE CREEK CENTERLINE (APPROXIMATE)

NOTES:

1. PORTAGE CREEK CENTERLINE APPROXIMATED FROM SURVEYED SEDIMENT PROBE TRANSECT ENDPOINTS AND AERIAL PHOTOGRAPHY.
2. AERIAL IMAGE DERIVED FROM ORTHOGRAPHIC DATA BY AIR LAND SURVEYS, INC., KALAMAZOO RIVER FLOWN 4/24/99, PORTAGE CREEK FLOWN 4/27/00.
3. RESULTS REPORTED IN MG/KG. DUPLICATE RESULTS REPORTED IN SQUARE BRACKETS.

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PORTAGE CREEK PHASE 2 SEDIMENT LOCATIONS - MAXIMUM PCB RESULTS

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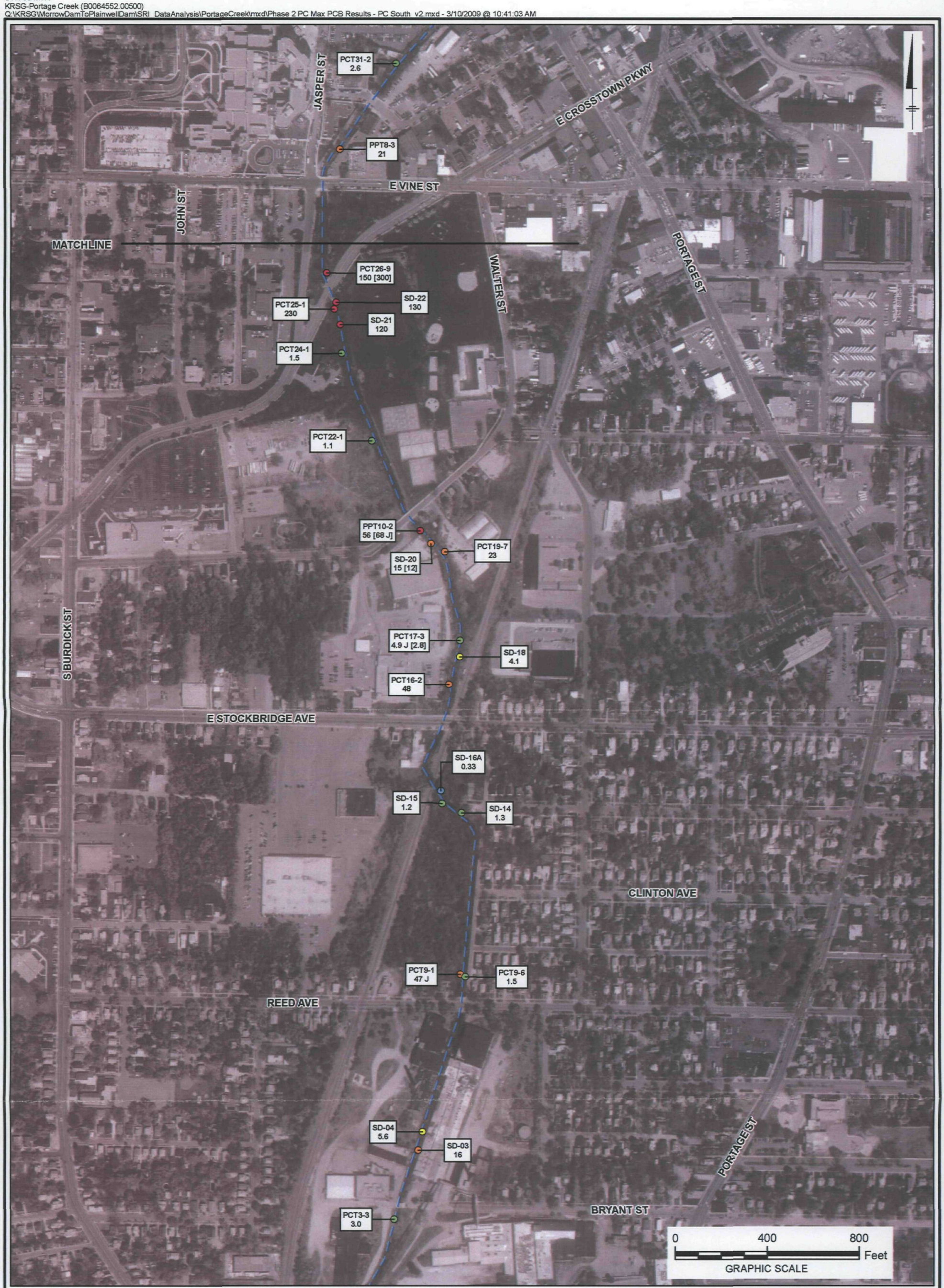
FIGURE
1

SYR-90 MTK
KRSG-Portage Creek (B0064552.00500)
Q:\KRSG\MorrowDamToPlainwellDam\SRI DataAnalysis\PortageCreek\mxd\Phase 2 PC Max PCB Results - PC South v2.mxd - 3/10/2009 @ 10:41:03 AM



LEGEND:

PHASE 2 SEDIMENT SAMPLE LOCATION
MAXIMUM PCB RESULT (MG/KG):

- 0 - 1
- 1 - 4
- 4 - 8
- 8 - 50
- > 50
- PORTAGE CREEK CENTERLINE (APPROXIMATE)

NOTES:

1. PORTAGE CREEK CENTERLINE APPROXIMATED FROM SURVEYED SEDIMENT PROBE TRANSECT ENDPOINTS AND AERIAL PHOTOGRAPHY.
2. AERIAL IMAGE DERIVED FROM ORTHOGRAPHIC DATA BY AIR LAND SURVEYS, INC., KALAMAZOO RIVER FLOWN 4/24/99, PORTAGE CREEK FLOWN 4/27/00.
3. RESULTS REPORTED IN MG/KG. DUPLICATE RESULTS REPORTED IN SQUARE BRACKETS.

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PORTAGE CREEK PHASE 2 SEDIMENT LOCATIONS - MAXIMUM PCB RESULTS

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FIGURE
2

SYR-90 MTK
KRSG-Portage Creek (B0064552.00500)
Q:\KRSG\MorrowDamToPlainwellDam\SRI DataAnalysis\PortageCreek\mxd\Phase 2 PC Surface PCB Results - PC North v2.mxd - 3/10/2009 @ 11:06:07 AM

LEGEND:

PHASE 2 SEDIMENT SAMPLE LOCATION
SURFACE PCB RESULT (MG/KG):

- 0 - 1
- 1 - 4
- 4 - 8
- 8 - 50
- > 50
- PORTAGE CREEK CENTERLINE (APPROXIMATE)

NOTES:

1. PORTAGE CREEK CENTERLINE APPROXIMATED FROM SURVEYED SEDIMENT PROBE TRANSECT ENDPOINTS AND AERIAL PHOTOGRAPHY.
2. AERIAL IMAGE DERIVED FROM ORTHOGRAPHIC DATA BY AIR LAND SURVEYS, INC., KALAMAZOO RIVER FLOWN 4/24/99, PORTAGE CREEK FLOWN 4/27/00.
3. RESULTS REPORTED IN MG/KG. DUPLICATE RESULTS REPORTED IN SQUARE BRACKETS.

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PORTAGE CREEK PHASE 2 SEDIMENT LOCATIONS - SURFACE PCB RESULTS

ARCADIS

FIGURE 3

SYR-90 MTK
KRSG-Portage Creek (B0064552.00500)
Q:\KRSG\MorrowDamToPlainwellDam\SRI_DataAnalysis\PortageCreek\mxd\Phase 2 PC Surface PCB Results - PC South_v2.mxd - 3/10/2009 @ 11:14:01 AM

LEGEND:

PHASE 2 SEDIMENT SAMPLE LOCATION
SURFACE PCB RESULT (MG/KG):

- 0 - 1
- 1 - 4
- 4 - 8
- 8 - 50
- > 50
- PORTAGE CREEK CENTERLINE (APPROXIMATE)

NOTES:

1. PORTAGE CREEK CENTERLINE APPROXIMATED FROM SURVEYED SEDIMENT PROBE TRANSECT ENDPOINTS AND AERIAL PHOTOGRAPHY.
2. AERIAL IMAGE DERIVED FROM ORTHOGRAPHIC DATA BY AIR LAND SURVEYS, INC., KALAMAZOO RIVER FLOWN 4/24/99, PORTAGE CREEK FLOWN 4/27/00.
3. RESULTS REPORTED IN MG/KG. DUPLICATE RESULTS REPORTED IN SQUARE BRACKETS.

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PORTAGE CREEK PHASE 2 SEDIMENT LOCATIONS - SURFACE PCB RESULTS

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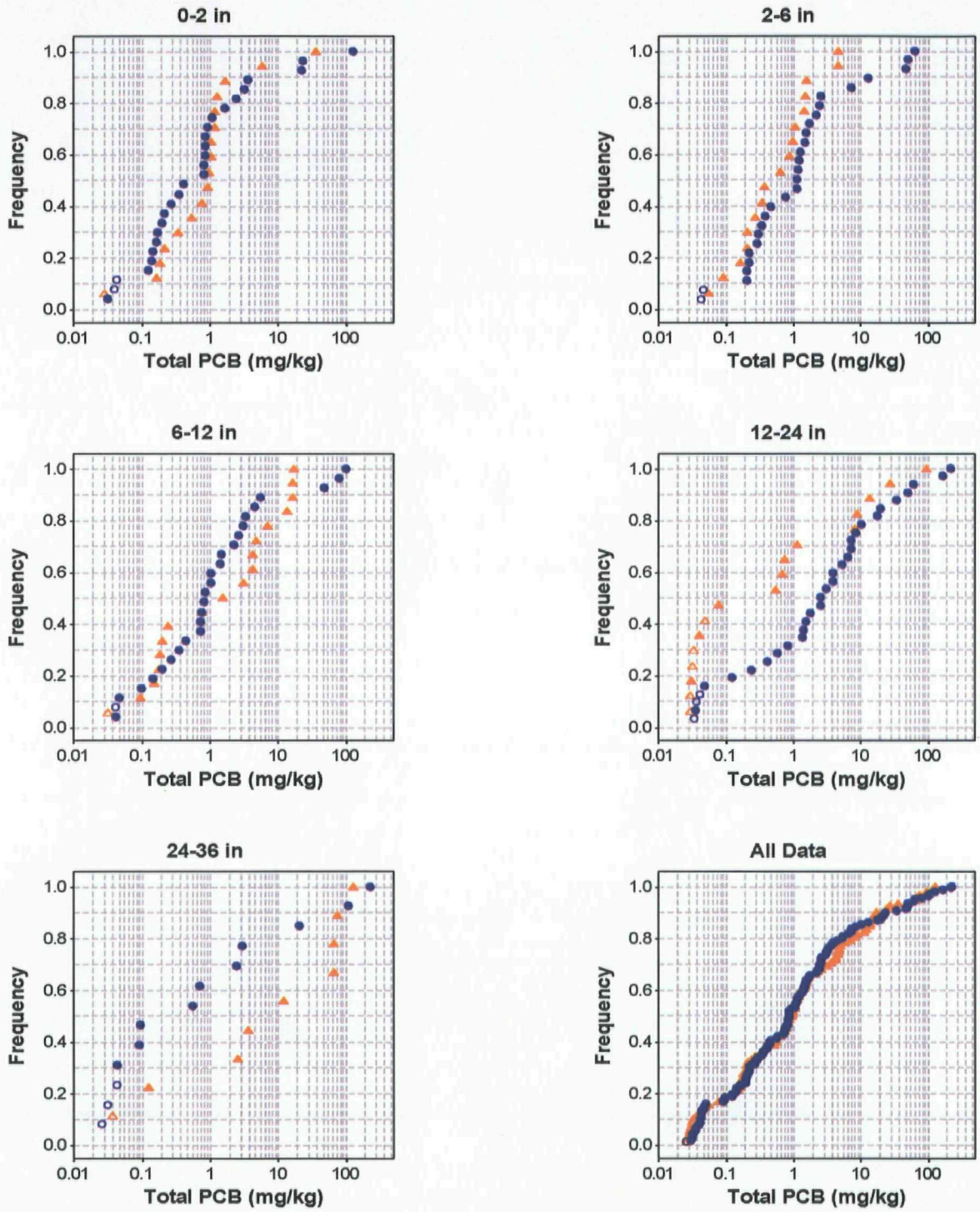
FIGURE
4



LEGEND

- ▲ 2008 Phase 2 Sediment Deposit - Detected Result
- △ 2008 Phase 2 Sediment Deposit - Non-detect Result
- ● 2008 Phase 2 Sediment Transect - Detected Result
- ○ 2008 Phase 2 Sediment Transect - Non-detect Result

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TOTAL PCB FREQUENCY DISTRIBUTION IN

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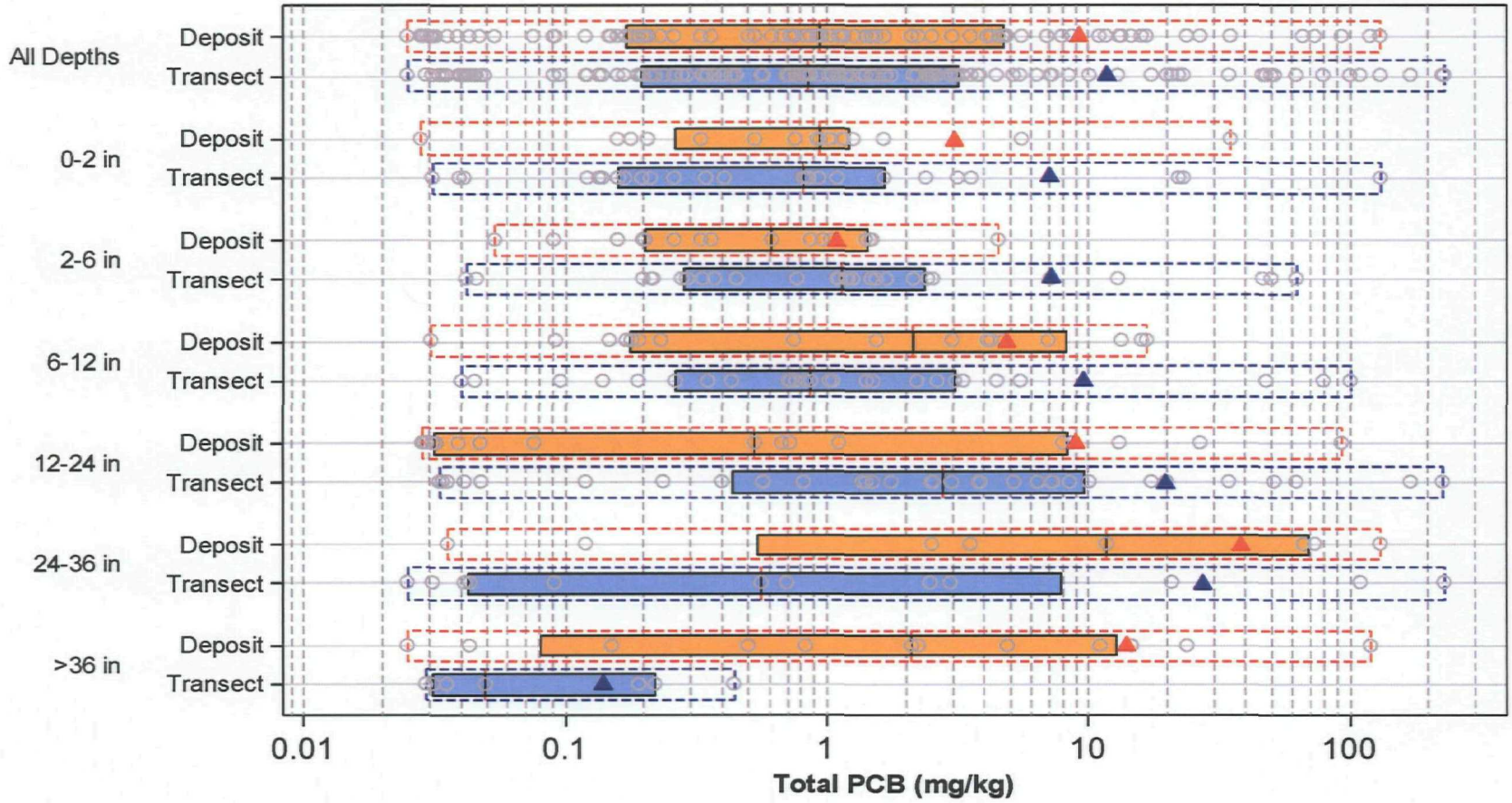
FIGURE
5



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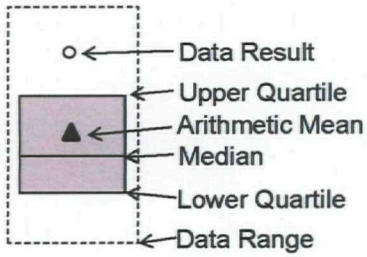

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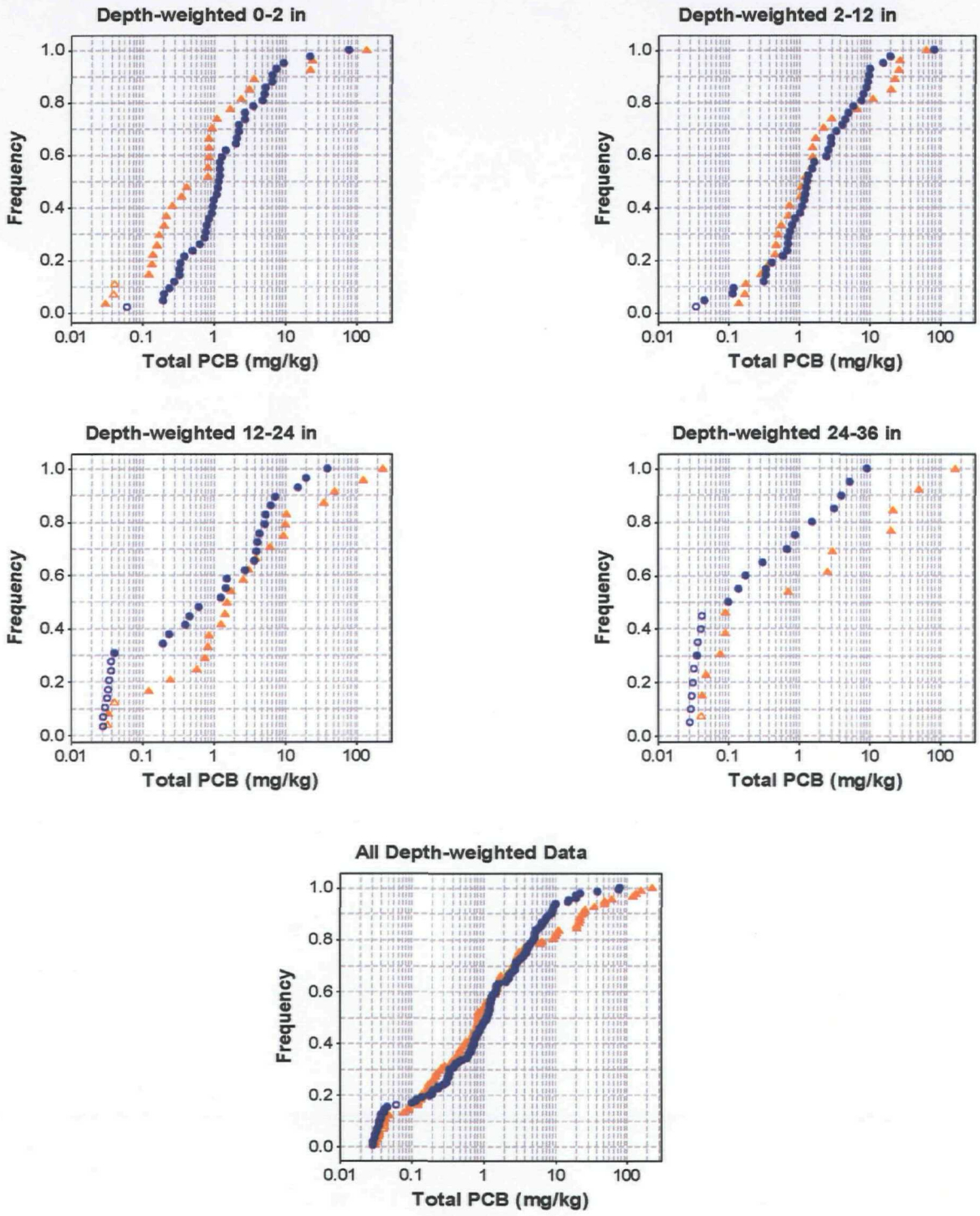
TOTAL PCB CONCENTRATION IN SEDIMENT TRANSECT AND DEPOSIT CORES

ARCADIS

FIGURE 6



LEGEND

- ▲ 2008 Phase 2 SRI - Detected Result
- △ 2008 Phase 2 SRI - Non-detect Result
- ● 1993 RI - Detected Result
- ○ 1993 RI - Non-detect Result

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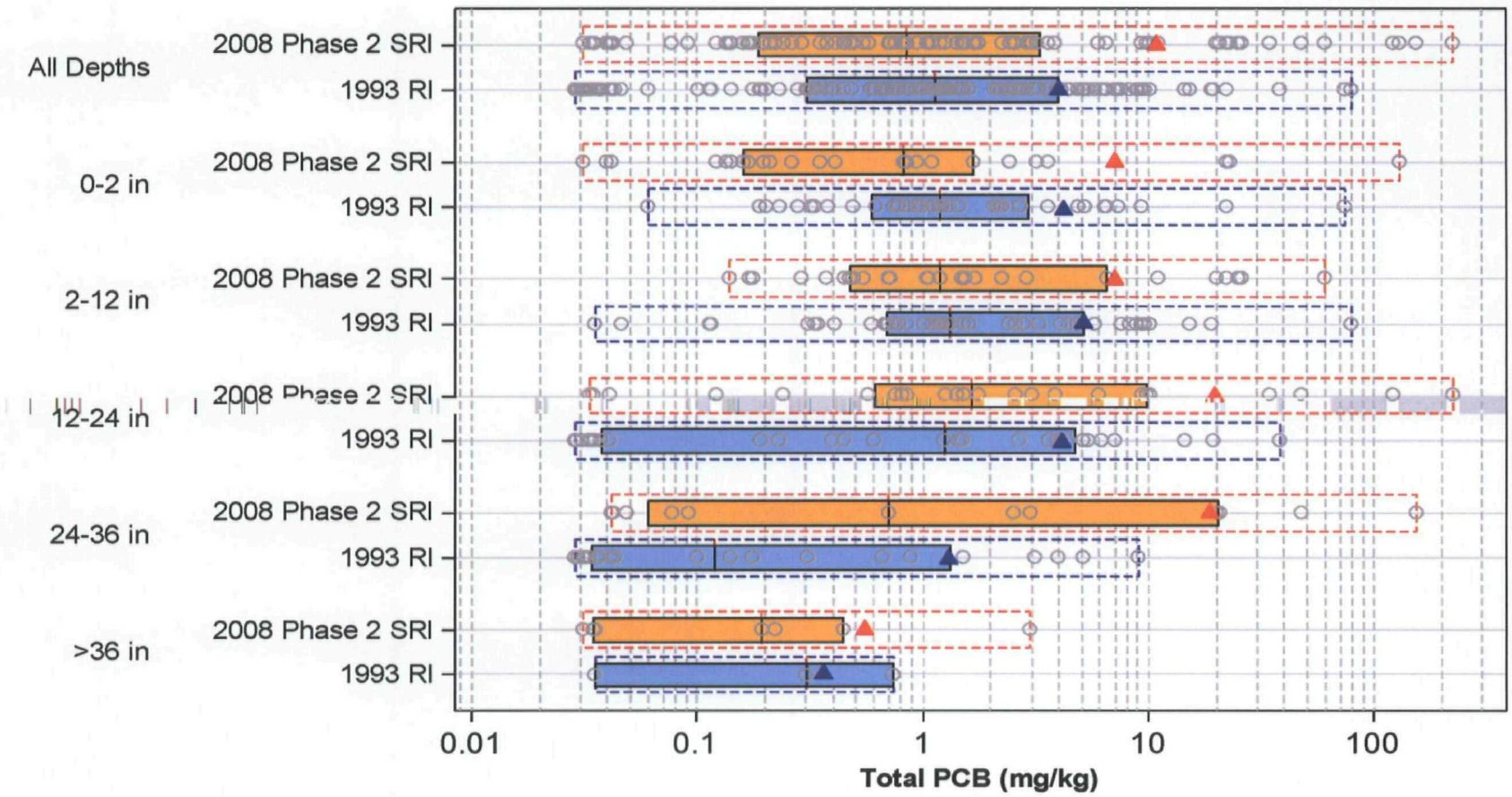
TOTAL PCB FREQUENCY DISTRIBUTION IN

ARCADIS

FIGURE
7



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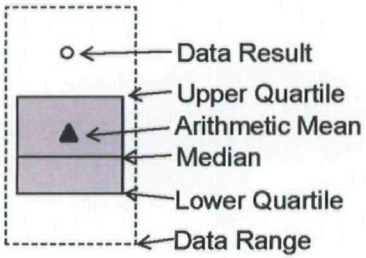

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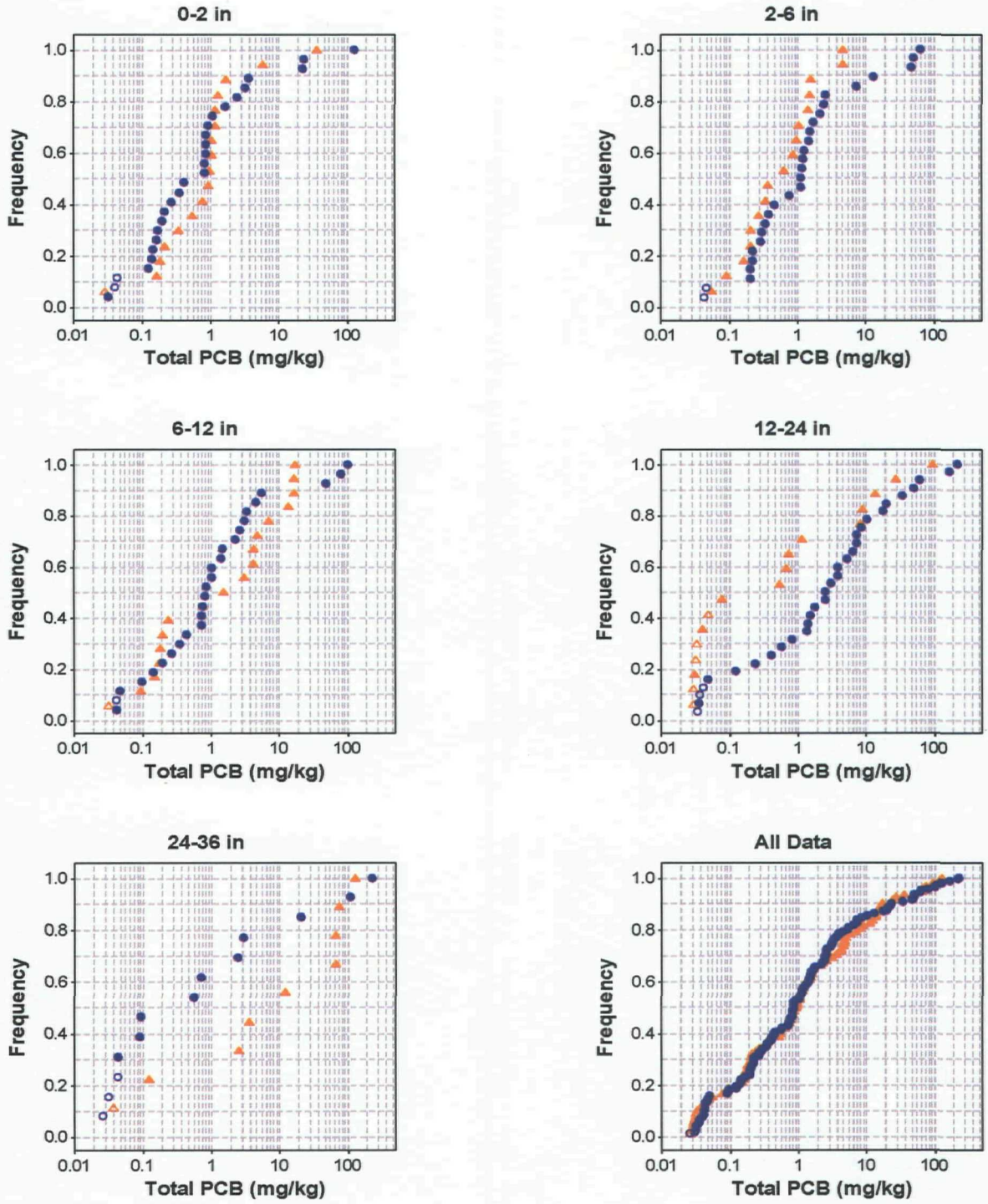
DEPTH-WEIGHTED TOTAL PCB CONCENTRATION IN SEDIMENT TRANSECT CORES

ARCADIS

FIGURE
8



LEGEND

- ▲ 2008 Phase 2 Sediment Deposit - Detected Result
- △ 2008 Phase 2 Sediment Deposit - Non-detect Result
- ● 2008 Phase 2 Sediment Transect - Detected Result
- ○ 2008 Phase 2 Sediment Transect - Non-detect Result

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TOTAL PCB FREQUENCY DISTRIBUTION IN

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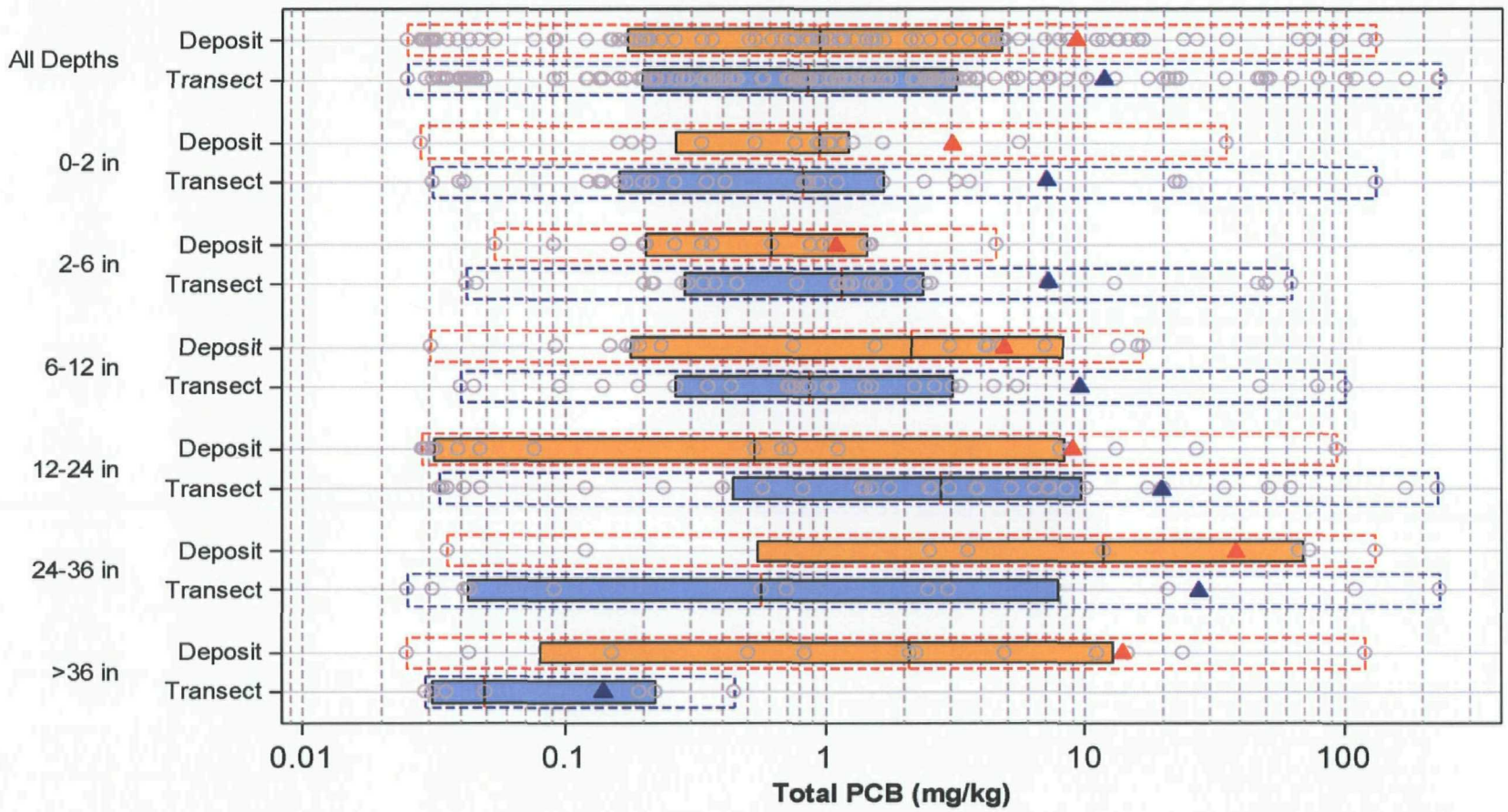
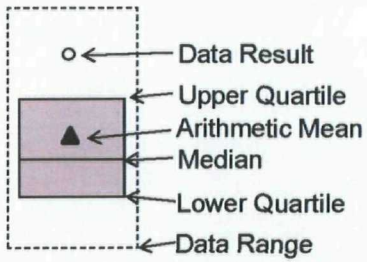
FIGURE
5



LEGEND



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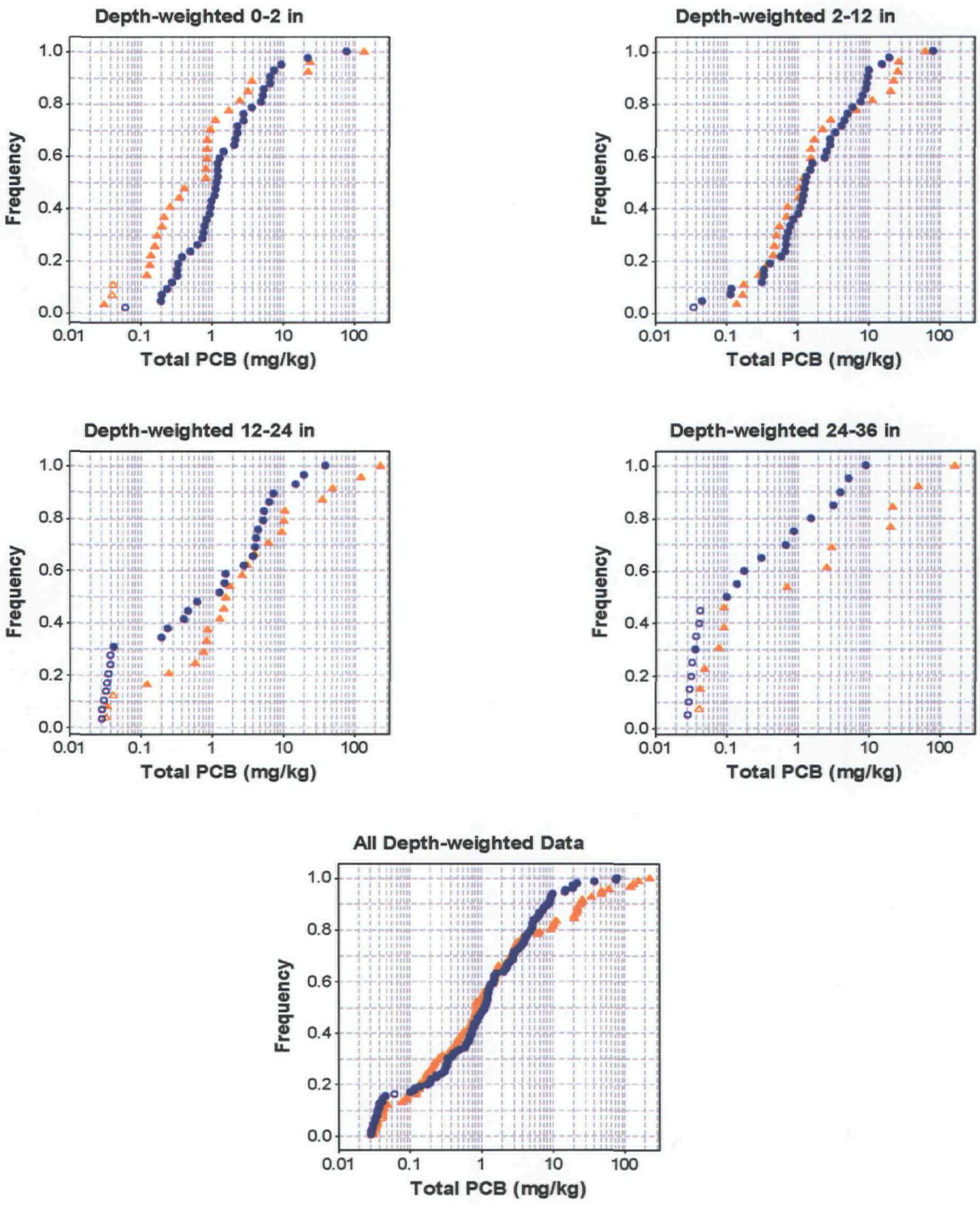
KALAMAZOO RIVER SUPERFUND SITE

TOTAL PCB CONCENTRATION IN SEDIMENT TRANSECT AND DEPOSIT CORES

ARCADIS

FIGURE 6



LEGEND

- ▲ 2008 Phase 2 SRI - Detected Result
- △ 2008 Phase 2 SRI - Non-detect Result
- ● 1993 RI - Detected Result
- ○ 1993 RI - Non-detect Result

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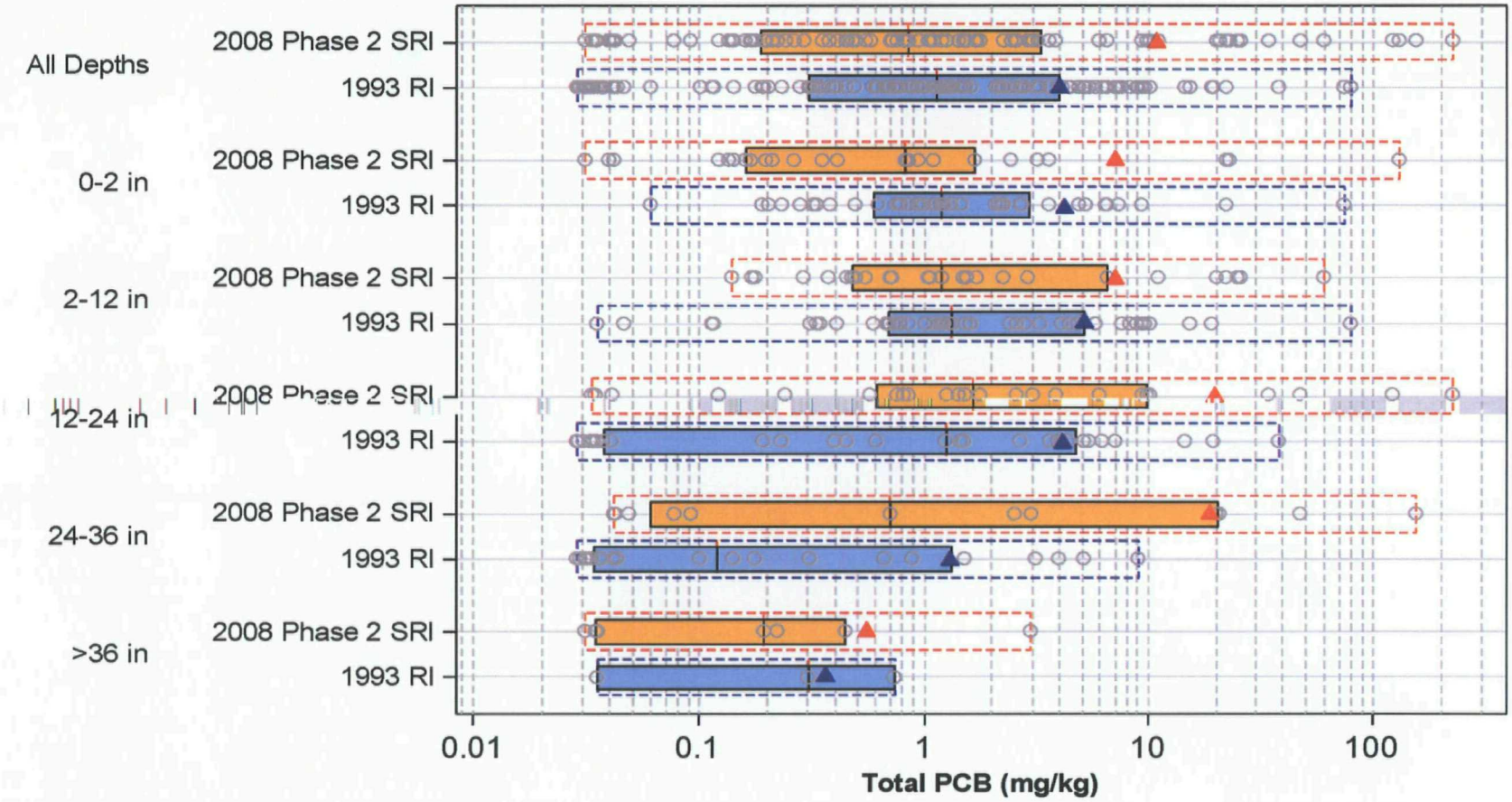
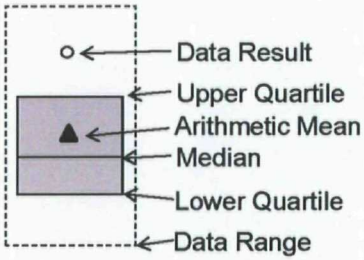
TOTAL PCB FREQUENCY DISTRIBUTION IN

ARCADIS

FIGURE
7



LEGEND



KALAMAZOO RIVER STUDY GROUP
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DEPTH-WEIGHTED TOTAL PCB CONCENTRATION IN SEDIMENT TRANSECT CORES

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FIGURE
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