

Location Depth (m)			BH12-02D 2.80	BH12-02D/A 2.8		BH12-03 1.9-2.0	BH12-03/A 1.9-2.0		BH12-04 1.0-1.1	BH12-04/A 1.0-1.1		WS12-02 0.9	WS12-02/A 0.9		WS12-06 0.30	WS12-06/A 0.3	
Analyte	Units	Detection Limit			RPD			RPD			RPD			RPD			RPD
Resorcinol	mg.kg-1	<0.01	<0.10	<0.10	0	<0.01	<0.01	0	<1.00	<0.10	164	<0.10	<0.10	0	<0.10	<0.10	0
Catechol	mg.kg-1	<0.01	<0.10	<0.10	0	<0.01	<0.01	0	<1.00	<0.10	164	<0.10	<0.10	0	<0.10	<0.10	0
Phenol	mg.kg-1	<0.01	18.35	2.2	157	<0.01	<0.01	0	<1.00	<0.10	164	0.18	0.31	53	<0.10	<0.10	0
Cresols	mg.kg-1	<0.03	37.1	17.41	72	<0.03	<0.03	0	<3.00	<0.30	164	<0.30	<0.30	0	<0.30	<0.30	0
Xylenols & Ethylphenols	mg.kg-1	--	48.16	32.78	38	<0.06	<0.06	0	<6.00	<0.60	164	<0.60	<0.60	0	<0.60	<0.60	0
Napthol	mg.kg-1	--	<0.10	<0.10	0	<0.01	<0.01	0	<1.00	<0.10	164	<0.10	<0.10	0	<0.10	<0.10	0
Trimethylphenol	mg.kg-1	<0.01	<0.10	<0.10	0	<0.01	<0.01	0	<1.00	<0.10	164	<0.10	<0.10	0	<0.10	<0.10	0
2-Isopropyl Phenol	mg.kg-1	<0.15	103.61	52.39	66	<0.01	<0.01	0	<1.00	<0.10	164	<0.10	<0.10	0	<0.10	<0.10	0
Total Phenols	mg.kg-1	<0.01	<0.10	<0.10	0	<0.15	<0.15	0	<15.00	<1.50	164	<1.50	<1.50	0	<1.50	<1.50	0
Naphthalene	mg.kg-1	< 0.04	7587.64	2668.94	96	0.19	0.12	45	1637.89	8.99	198	26.53	37.68	35	0.9	4.6	135
Acenaphthylene	mg.kg-1	< 0.03	1924.29	667.75	97	0.15	0.15	0	251.55	19.05	172	2.79	2.88	3	5.46	8.7	46
Acenaphthene	mg.kg-1	< 0.05	236.51	84.57	95	<0.05	<0.05	0	65.26	16.37	120	0.94	1.17	22	<0.50	0.82	48
Fluorene	mg.kg-1	< 0.04	641.03	271.86	81	<0.04	<0.04	0	411.59	41.08	164	0.86	1.38	46	1.16	2.75	81
Phenanthrene	mg.kg-1	<0.03	1963.96	663.38	99	0.37	0.5	30	1290.98	96.48	172	3.05	3.17	4	9.28	13.49	37
Anthracene	mg.kg-1	< 0.04	614.28	205.46	100	0.16	0.21	27	397.8	53.64	152	1.56	1.4	11	5.68	9.72	52
Fluoranthene	mg.kg-1	<0.03	566.49	197.52	97	1.09	1.4	25	661.61	106.7	144	4.9	2.87	52	24.55	27.96	13
Pyrene	mg.kg-1	<0.03	717.59	249.25	97	0.95	1.27	29	475.06	82.09	141	4.16	2.57	47	21.93	28.03	24
Benzo(a)anthracene	mg.kg-1	< 0.06	192.84	76.88	86	0.7	0.94	29	198.87	44.02	128	1.89	1.51	22	13.05	13.19	1
Chrysene	mg.kg-1	< 0.02	183.05	62.3	98	0.69	0.81	16	180.79	33.74	137	1.98	1.3	41	12.28	12.16	1
Benzo(a)pyrene	mg.kg-1	< 0.04	112.44	44.73	86	0.82	1.06	26	131.17	33.03	120	2.46	1.8	31	12.93	15.89	21
Indeno(1,2,3-cd)pyrene	mg.kg-1	< 0.04	54.63	20.36	91	0.55	0.74	29	63.9	17.53	114	1.94	1.06	59	7.28	8.63	17
Di-benz(a,h.)anthracene	mg.kg-1	< 0.04	10.85	3.92	94	0.12	0.15	22	22.67	4.33	136	<0.40	<0.40	0	1.82	2.14	16
Benzo(g,h,i)perylene	mg.kg-1	< 0.04	40.42	15.69	88	0.6	0.77	25	57.87	17.19	108	1.66	1.38	18	6.95	8.26	17
Total PAH	mg.kg-1	<0.6	14996.4	5286.5	96	7.8	9.9	24	6075.1	628.3	163	59.3	63.2	6	143	180.8	23
Benzo(b)fluoranthene	mg.kg-1	< 0.05	108.27	38.8	94	1.01	1.28	24	164.19	38.94	123	3.3	2.2	40	14.23	17.59	21
Benzo(k)fluoranthene	mg.kg-1	< 0.02	42.11	15.09	94	0.39	0.5	25	63.85	15.15	123	1.28	0.85	40	5.53	6.84	21
Water Soluble Chloride	mg.kg-1	<3.5	138	188	31	96	91	5	73	253	110	148	128	14	22	81	115
Water Soluble Sulphate as SO4	mg.kg-1	--	0.6817	1.309	63	0.5371	1.3577	87	10.0328	0.5276	180	0.2231	0.1837	19	0.179	0.3132	55
Elemental Sulphur	mg.kg-1	<1	469	1059	77	4	5	22	872	730	18	1917	1425	29	77	85	10
pH (pH Units)	pH		7.19	7.44	3	7.62	7.71	1	4.8	7.26	41	7.36	7.21	2	8.27	8.24	0
Cyanide	mg.kg-1	<0.5	<0.5	<0.5	0	<0.5	<0.5	0	3.1	3.3	6	1.1	0.9	20	<0.5	0.6	18
Total Cyanide	mg.kg-1	<0.5	57.5	52.5	9	9.8	5.9	50	1177.8	158.8	152	116.6	198.8	52	96.5	110	13
Complex Cyanide	mg.kg-1	<0.5	57.5	52.5	9	9.8	5.9	50	1174.7	155.5	153	115.5	109.4	53	96.5	109.4	13
Thiocyanate	mg.kg-1	<0.6	11.8	11.3	4	<0.6	<0.6	0	10.9	23.8	74	3.2	1.4	78	<0.6	<0.6	0
Arsenic	mg.kg-1	<0.5	21.5	18.4	16	78.5	90.1	14	39.9	67.8	52	60.2	61.8	3	38	41.6	9
Cadmium	mg.kg-1	<0.1	0.4	0.3	29	1.4	1.6	13	0.6	1.1	59	1.6	4.7	98	1.3	1.3	0
Chromium	mg.kg-1	<0.5	52.6	19.1	93	40.2	41.3	3	35.7	48.3	30	19.9	24.5	21	56.1	52.2	7
Copper	mg.kg-1	<1	71	56	24	576	268	73	96	158	49	238	333	33	234	250	7
Lead	mg.kg-1	<5	485	468	4	29340	3438	158	326	263	21	427	726	52	391	523	29
Mercury	mg.kg-1	<0.1	1.2	0.9	29	0.9	0.9	0	2.8	0.5	139	0.4	0.6	40	3.2	2.3	33
Nickel	mg.kg-1	<0.7	31.3	18.6	51	90.2	87.7	3	45.2	66.7	38	45	65.5	37	70.6	78.8	11
Selenium	mg.kg-1	<1	<1	<1	0	3	<1	100	<1	<1	0	4	3	29	<1	<1	0
Boron	mg.kg-1	<0.1	2.3	1.9	19	6.6	9.2	33	1.7	1.1	43	11.7	16.7	35	2.9	3.8	27
Zinc	mg.kg-1	<5	252	186	30	879	1073	20	160	358	76	415	567	31	1448	1311	10
MTBE	mg.kg-1	<0.002	NDP	NDP	-	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0	<0.002	<0.002	0
Benzene	mg.kg-1	<0.003	NDP	NDP	-	0.247	0.177	33	360.939	13.743	185	14.765	16.852	13	0.227	0.278	20
Toluene	mg.kg-1	<0.003	NDP	NDP	-	0.085	0.059	36	415.742	0.451	200	3.416	2.94	15	0.099	0.084	16
Ethylbenzene	mg.kg-1	<0.003	NDP	NDP	-	0.042	0.032	27	144.543	3.815	190	5.164	5.368	4	0.028	0.045	47
p/m-Xylene	mg.kg-1	<0.006	NDP	NDP	-	0.14	0.1	33	837.046	1.996	199	10.633	11.004	3	0.077	0.125	48
o-Xylene	mg.kg-1	<0.003	NDP	NDP	-	0.073	0.051	35	323.51	1.295	198	7.773	8.048	3	0.054	0.068	23
Aliphatics C5-C6	mg.kg-1	<0.1	-	-	-	-	-	-	65	4.6	174	-	-	-	-	-	-
Aliphatics >C6-C8	mg.kg-1	<0.1	-	-	-	-	-	-	2518.6	100.3	185	-	-	-	-	-	-
Aliphatics >C8-C10	mg.kg-1	<0.1	-	-	-	-	-	-	261.4	47.1	139	-	-	-	-	-	-
Aliphatics >C10-C12	mg.kg-1	<0.2	-	-	-	-	-	-	249.4	222	12	-	-	-	-	-	-
Aliphatics >C12-C16	mg.kg-1	<4	-	-	-	-	-	-	3233	1800	57	-	-	-	-	-	-
Aliphatics >C16-C21	mg.kg-1	<7	-	-	-	-	-	-	3866	2538	41	-	-	-	-	-	-
Aliphatics >C21-C35	mg.kg-1	<7	-	-	-	-	-	-	3076	5866	62	-	-	-	-	-	-
Total Aliphatics C5-C35	mg.kg-1	<19	-	-	-	-	-	-	13269	10578	23	-	-	-	-	-	-
Aromatics C6-C7	mg.kg-1	<0.1	-	-	-	-	-	-	1110.4	35.1	188	-	-	-	-	-	-
Aromatics >C7-C8	mg.kg-1	<0.1	-	-	-	-	-	-	293.1	0.8	199	-	-	-	-	-	-
Aromatics >EC8-EC10	mg.kg-1	<0.1	-	-	-	-	-	-	107.3	5.7	180	-	-	-	-	-	-
Aromatics >EC10-EC12	mg.kg-1	<0.2	-	-	-	-	-	-	889.5	81.8	166	-	-	-	-	-	-
Aromatics >EC12-EC16	mg.kg-1	<4	-	-	-	-	-	-	5331	1111	131	-	-	-	-	-	-
Aromatics >EC16-EC21	mg.kg-1	<7	-	-	-	-	-	-	10167	2556	120	-	-	-	-	-	-
Aromatics >EC21-EC35	mg.kg-1	<7	-	-	-	-	-	-	10396	4211	85	-	-	-	-	-	-
Total Aromatics C6-C35	mg.kg-1	<19	-	-	-	-	-	-	28294	8001	112	-	-	-	-	-	-
TPH (Aliphatics & Aromatics C5-C35)	mg.kg-1	<38	-	-	-	-	-	-	41563	18579	76	-	-	-	-	-	-

RPD greater than 30 %

RPD greater than 30 % but results < 5 x Detection Limit

		Location Depth (m)																	
Analyte	Units	Detection Limit			RPD			RPD			RPD			RPD			RPD		
Resorcinol	mg.kg-1	<0.01																	
Catechol	mg.kg-1	<0.01																	
Phenol	mg.kg-1	<0.01																	
Cresols	mg.kg-1	<0.03																	
Xylenols & Ethylphenols	mg.kg-1	--																	
Napthol	mg.kg-1	--																	
Trimethylphenol	mg.kg-1	<0.01																	
2-Isopropyl Phenol	mg.kg-1	<0.15																	
Total Phenols	mg.kg-1	<0.01																	
Naphthalene	mg.kg-1	< 0.04																	
Acenaphthylene	mg.kg-1	< 0.03																	
Acenaphthene	mg.kg-1	< 0.05																	
Fluorene	mg.kg-1	< 0.04																	
Phenanthrene	mg.kg-1	<0.03																	
Anthracene	mg.kg-1	< 0.04																	
Fluoranthene	mg.kg-1	<0.03																	
Pyrene	mg.kg-1	<0.03																	
Benzo(a)anthracene	mg.kg-1	< 0.06																	
Chrysene	mg.kg-1	< 0.02																	
Benzo(a)pyrene	mg.kg-1	< 0.04																	
Indeno(1.2.3-cd)pyrene	mg.kg-1	< 0.04																	
Di-benz(a,h.)anthracene	mg.kg-1	< 0.04																	
Benzo(g,h,i)perylene	mg.kg-1	< 0.04																	
Total PAH	mg.kg-1	<0.6																	
Benzo(b)fluoranthene	mg.kg-1	< 0.05																	
Benzo(k)fluoranthene	mg.kg-1	< 0.02																	
Water Soluble Chloride	mg.kg-1	<3.5																	
Water Soluble Sulphate as SO4	mg.kg-1	--																	
Elemental Sulphur	mg.kg-1	<1																	
pH (pH Units)	pH																		
Cyanide	mg.kg-1	<0.5																	
Total Cyanide	mg.kg-1	<0.5																	
Complex Cyanide	mg.kg-1	<0.5																	
Thiocyanate	mg.kg-1	<0.6																	
Arsenic	mg.kg-1	<0.5																	
Cadmium	mg.kg-1	<0.1																	
Chromium	mg.kg-1	<0.5																	
Copper	mg.kg-1	<1																	
Lead	mg.kg-1	<5																	
Mercury	mg.kg-1	<0.1																	
Nickel	mg.kg-1	<0.7																	
Selenium	mg.kg-1	<1																	
Boron	mg.kg-1	<0.1																	
Zinc	mg.kg-1	<5																	
MTBE	mg.kg-1	<0.002																	
Benzene	mg.kg-1	<0.003																	
Toluene	mg.kg-1	<0.003																	
Ethylbenzene	mg.kg-1	<0.003																	
p/m-Xylene	mg.kg-1	<0.006																	
o-Xylene	mg.kg-1	<0.003																	
Aliphatics C5-C6	mg.kg-1	<0.1																	
Aliphatics >C6-C8	mg.kg-1	<0.1																	
Aliphatics >C8-C10	mg.kg-1	<0.1																	
Aliphatics >C10-C12	mg.kg-1	<0.2																	
Aliphatics >C12-C16	mg.kg-1	<4																	
Aliphatics >C16-C21	mg.kg-1	<7																	
Aliphatics >C21-C35	mg.kg-1	<7																	
Total Aliphatics C5-C35	mg.kg-1	<19																	
Aromatics C6-C7	mg.kg-1	<0.1																	
Aromatics >C7-C8	mg.kg-1	<0.1																	
Aromatics >EC8-EC10	mg.kg-1	<0.1																	
Aromatics >EC10-EC12	mg.kg-1	<0.2																	
Aromatics >EC12-EC16	mg.kg-1	<4																	
Aromatics >EC16-EC21	mg.kg-1	<7																	
Aromatics >EC21-EC35	mg.kg-1	<7																	
Total Aromatics C6-C35	mg.kg-1	<19																	
TPH (Aliphatics & Aromatics C5-C35)	mg.kg-1	<38																	

RPD greater than 30 %

RPD greater than 30 % but results < 5 x Detection Limit

		Location Depth (m)																	
Analyte	Units	Detection Limit			RPD			RPD			RPD			RPD			RPD		
Resorcinol	mg.kg-1	<0.01																	
Catechol	mg.kg-1	<0.01																	
Phenol	mg.kg-1	<0.01																	
Cresols	mg.kg-1	<0.03																	
Xylenols & Ethylphenols	mg.kg-1	--																	
Napthol	mg.kg-1	--																	
Trimethylphenol	mg.kg-1	<0.01																	
2-Isopropyl Phenol	mg.kg-1	<0.15																	
Total Phenols	mg.kg-1	<0.01																	
Naphthalene	mg.kg-1	< 0.04																	
Acenaphthylene	mg.kg-1	< 0.03																	
Acenaphthene	mg.kg-1	< 0.05																	
Fluorene	mg.kg-1	< 0.04																	
Phenanthrene	mg.kg-1	<0.03																	
Anthracene	mg.kg-1	< 0.04																	
Fluoranthene	mg.kg-1	<0.03																	
Pyrene	mg.kg-1	<0.03																	
Benzo(a)anthracene	mg.kg-1	< 0.06																	
Chrysene	mg.kg-1	< 0.02																	
Benzo(a)pyrene	mg.kg-1	< 0.04																	
Indeno(1.2.3-cd)pyrene	mg.kg-1	< 0.04																	
Di-benz(a,h.)anthracene	mg.kg-1	< 0.04																	
Benzo(g,h,i)perylene	mg.kg-1	< 0.04																	
Total PAH	mg.kg-1	<0.6																	
Benzo(b)fluoranthene	mg.kg-1	< 0.05																	
Benzo(k)fluoranthene	mg.kg-1	< 0.02																	
Water Soluble Chloride	mg.kg-1	<3.5																	
Water Soluble Sulphate as SO4	mg.kg-1	--																	
Elemental Sulphur	mg.kg-1	<1																	
pH (pH Units)	pH																		
Cyanide	mg.kg-1	<0.5																	
Total Cyanide	mg.kg-1	<0.5																	
Complex Cyanide	mg.kg-1	<0.5																	
Thiocyanate	mg.kg-1	<0.6																	
Arsenic	mg.kg-1	<0.5																	
Cadmium	mg.kg-1	<0.1																	
Chromium	mg.kg-1	<0.5																	
Copper	mg.kg-1	<1																	
Lead	mg.kg-1	<5																	
Mercury	mg.kg-1	<0.1																	
Nickel	mg.kg-1	<0.7																	
Selenium	mg.kg-1	<1																	
Boron	mg.kg-1	<0.1																	
Zinc	mg.kg-1	<5																	
MTBE	mg.kg-1	<0.002																	
Benzene	mg.kg-1	<0.003																	
Toluene	mg.kg-1	<0.003																	
Ethylbenzene	mg.kg-1	<0.003																	
p/m-Xylene	mg.kg-1	<0.006																	
o-Xylene	mg.kg-1	<0.003																	
Aliphatics C5-C6	mg.kg-1	<0.1																	
Aliphatics >C6-C8	mg.kg-1	<0.1																	
Aliphatics >C8-C10	mg.kg-1	<0.1																	
Aliphatics >C10-C12	mg.kg-1	<0.2																	
Aliphatics >C12-C16	mg.kg-1	<4																	
Aliphatics >C16-C21	mg.kg-1	<7																	
Aliphatics >C21-C35	mg.kg-1	<7																	
Total Aliphatics C5-C35	mg.kg-1	<19																	
Aromatics C6-C7	mg.kg-1	<0.1																	
Aromatics >C7-C8	mg.kg-1	<0.1																	
Aromatics >EC8-EC10	mg.kg-1	<0.1																	
Aromatics >EC10-EC12	mg.kg-1	<0.2																	
Aromatics >EC12-EC16	mg.kg-1	<4																	
Aromatics >EC16-EC21	mg.kg-1	<7																	
Aromatics >EC21-EC35	mg.kg-1	<7																	
Total Aromatics C6-C35	mg.kg-1	<19																	
TPH (Aliphatics & Aromatics C5-C35)	mg.kg-1	<38																	

RPD greater than 30 %

RPD greater than 30 % but results < 5 x Detection Limit

		Location Depth (m)																	
Analyte	Units	Detection Limit			RPD			RPD			RPD			RPD			RPD		
Resorcinol	mg.kg-1	<0.01																	
Catechol	mg.kg-1	<0.01																	
Phenol	mg.kg-1	<0.01																	
Cresols	mg.kg-1	<0.03																	
Xylenols & Ethylphenols	mg.kg-1	--																	
Napthol	mg.kg-1	--																	
Trimethylphenol	mg.kg-1	<0.01																	
2-Isopropyl Phenol	mg.kg-1	<0.15																	
Total Phenols	mg.kg-1	<0.01																	
Naphthalene	mg.kg-1	< 0.04																	
Acenaphthylene	mg.kg-1	< 0.03																	
Acenaphthene	mg.kg-1	< 0.05																	
Fluorene	mg.kg-1	< 0.04																	
Phenanthrene	mg.kg-1	<0.03																	
Anthracene	mg.kg-1	< 0.04																	
Fluoranthene	mg.kg-1	<0.03																	
Pyrene	mg.kg-1	<0.03																	
Benzo(a)anthracene	mg.kg-1	< 0.06																	
Chrysene	mg.kg-1	< 0.02																	
Benzo(a)pyrene	mg.kg-1	< 0.04																	
Indeno(1.2.3-cd)pyrene	mg.kg-1	< 0.04																	
Di-benz(a,h.)anthracene	mg.kg-1	< 0.04																	
Benzo(g,h,i)perylene	mg.kg-1	< 0.04																	
Total PAH	mg.kg-1	<0.6																	
Benzo(b)fluoranthene	mg.kg-1	< 0.05																	
Benzo(k)fluoranthene	mg.kg-1	< 0.02																	
Water Soluble Chloride	mg.kg-1	<3.5																	
Water Soluble Sulphate as SO4	mg.kg-1	--																	
Elemental Sulphur	mg.kg-1	<1																	
pH (pH Units)	pH																		
Cyanide	mg.kg-1	<0.5																	
Total Cyanide	mg.kg-1	<0.5																	
Complex Cyanide	mg.kg-1	<0.5																	
Thiocyanate	mg.kg-1	<0.6																	
Arsenic	mg.kg-1	<0.5																	
Cadmium	mg.kg-1	<0.1																	
Chromium	mg.kg-1	<0.5																	
Copper	mg.kg-1	<1																	
Lead	mg.kg-1	<5																	
Mercury	mg.kg-1	<0.1																	
Nickel	mg.kg-1	<0.7																	
Selenium	mg.kg-1	<1																	
Boron	mg.kg-1	<0.1																	
Zinc	mg.kg-1	<5																	
MTBE	mg.kg-1	<0.002																	
Benzene	mg.kg-1	<0.003																	
Toluene	mg.kg-1	<0.003																	
Ethylbenzene	mg.kg-1	<0.003																	
p/m-Xylene	mg.kg-1	<0.006																	
o-Xylene	mg.kg-1	<0.003																	
Aliphatics C5-C6	mg.kg-1	<0.1																	
Aliphatics >C6-C8	mg.kg-1	<0.1																	
Aliphatics >C8-C10	mg.kg-1	<0.1																	
Aliphatics >C10-C12	mg.kg-1	<0.2																	
Aliphatics >C12-C16	mg.kg-1	<4																	
Aliphatics >C16-C21	mg.kg-1	<7																	
Aliphatics >C21-C35	mg.kg-1	<7																	
Total Aliphatics C5-C35	mg.kg-1	<19																	
Aromatics C6-C7	mg.kg-1	<0.1																	
Aromatics >C7-C8	mg.kg-1	<0.1																	
Aromatics >EC8-EC10	mg.kg-1	<0.1																	
Aromatics >EC10-EC12	mg.kg-1	<0.2																	
Aromatics >EC12-EC16	mg.kg-1	<4																	
Aromatics >EC16-EC21	mg.kg-1	<7																	
Aromatics >EC21-EC35	mg.kg-1	<7																	
Total Aromatics C6-C35	mg.kg-1	<19																	
TPH (Aliphatics & Aromatics C5-C35)	mg.kg-1	<38																	

RPD greater than 30 %

RPD greater than 30 % but results < 5 x Detection Limit

		Location Depth (m)																	
Analyte	Units	Detection Limit			RPD			RPD			RPD			RPD			RPD		
Resorcinol	mg.kg-1	<0.01																	
Catechol	mg.kg-1	<0.01																	
Phenol	mg.kg-1	<0.01																	
Cresols	mg.kg-1	<0.03																	
Xylenols & Ethylphenols	mg.kg-1	--																	
Napthol	mg.kg-1	--																	
Trimethylphenol	mg.kg-1	<0.01																	
2-Isopropyl Phenol	mg.kg-1	<0.15																	
Total Phenols	mg.kg-1	<0.01																	
Naphthalene	mg.kg-1	< 0.04																	
Acenaphthylene	mg.kg-1	< 0.03																	
Acenaphthene	mg.kg-1	< 0.05																	
Fluorene	mg.kg-1	< 0.04																	
Phenanthrene	mg.kg-1	<0.03																	
Anthracene	mg.kg-1	< 0.04																	
Fluoranthene	mg.kg-1	<0.03																	
Pyrene	mg.kg-1	<0.03																	
Benzo(a)anthracene	mg.kg-1	< 0.06																	
Chrysene	mg.kg-1	< 0.02																	
Benzo(a)pyrene	mg.kg-1	< 0.04																	
Indeno(1.2.3-cd)pyrene	mg.kg-1	< 0.04																	
Di-benz(a,h.)anthracene	mg.kg-1	< 0.04																	
Benzo(g,h,i)perylene	mg.kg-1	< 0.04																	
Total PAH	mg.kg-1	<0.6																	
Benzo(b)fluoranthene	mg.kg-1	< 0.05																	
Benzo(k)fluoranthene	mg.kg-1	< 0.02																	
Water Soluble Chloride	mg.kg-1	<3.5																	
Water Soluble Sulphate as SO4	mg.kg-1	--																	
Elemental Sulphur	mg.kg-1	<1																	
pH (pH Units)	pH																		
Cyanide	mg.kg-1	<0.5																	
Total Cyanide	mg.kg-1	<0.5																	
Complex Cyanide	mg.kg-1	<0.5																	
Thiocyanate	mg.kg-1	<0.6																	
Arsenic	mg.kg-1	<0.5																	
Cadmium	mg.kg-1	<0.1																	
Chromium	mg.kg-1	<0.5																	
Copper	mg.kg-1	<1																	
Lead	mg.kg-1	<5																	
Mercury	mg.kg-1	<0.1																	
Nickel	mg.kg-1	<0.7																	
Selenium	mg.kg-1	<1																	
Boron	mg.kg-1	<0.1																	
Zinc	mg.kg-1	<5																	
MTBE	mg.kg-1	<0.002																	
Benzene	mg.kg-1	<0.003																	
Toluene	mg.kg-1	<0.003																	
Ethylbenzene	mg.kg-1	<0.003																	
p/m-Xylene	mg.kg-1	<0.006																	
o-Xylene	mg.kg-1	<0.003																	
Aliphatics C5-C6	mg.kg-1	<0.1																	
Aliphatics >C6-C8	mg.kg-1	<0.1																	
Aliphatics >C8-C10	mg.kg-1	<0.1																	
Aliphatics >C10-C12	mg.kg-1	<0.2																	
Aliphatics >C12-C16	mg.kg-1	<4																	
Aliphatics >C16-C21	mg.kg-1	<7																	
Aliphatics >C21-C35	mg.kg-1	<7																	
Total Aliphatics C5-C35	mg.kg-1	<19																	
Aromatics C6-C7	mg.kg-1	<0.1																	
Aromatics >C7-C8	mg.kg-1	<0.1																	
Aromatics >EC8-EC10	mg.kg-1	<0.1																	
Aromatics >EC10-EC12	mg.kg-1	<0.2																	
Aromatics >EC12-EC16	mg.kg-1	<4																	
Aromatics >EC16-EC21	mg.kg-1	<7																	
Aromatics >EC21-EC35	mg.kg-1	<7																	
Total Aromatics C6-C35	mg.kg-1	<19																	
TPH (Aliphatics & Aromatics C5-C35)	mg.kg-1	<38																	

RPD greater than 30 %

RPD greater than 30 % but results < 5 x Detection Limit

		Location Depth (m)																	
Analyte	Units	Detection Limit			RPD			RPD			RPD			RPD			RPD		
Resorcinol	mg.kg-1	<0.01																	
Catechol	mg.kg-1	<0.01																	
Phenol	mg.kg-1	<0.01																	
Cresols	mg.kg-1	<0.03																	
Xylenols & Ethylphenols	mg.kg-1	--																	
Napthol	mg.kg-1	--																	
Trimethylphenol	mg.kg-1	<0.01																	
2-Isopropyl Phenol	mg.kg-1	<0.15																	
Total Phenols	mg.kg-1	<0.01																	
Naphthalene	mg.kg-1	< 0.04																	
Acenaphthylene	mg.kg-1	< 0.03																	
Acenaphthene	mg.kg-1	< 0.05																	
Fluorene	mg.kg-1	< 0.04																	
Phenanthrene	mg.kg-1	<0.03																	
Anthracene	mg.kg-1	< 0.04																	
Fluoranthene	mg.kg-1	<0.03																	
Pyrene	mg.kg-1	<0.03																	
Benzo(a)anthracene	mg.kg-1	< 0.06																	
Chrysene	mg.kg-1	< 0.02																	
Benzo(a)pyrene	mg.kg-1	< 0.04																	
Indeno(1.2.3-cd)pyrene	mg.kg-1	< 0.04																	
Di-benz(a,h.)anthracene	mg.kg-1	< 0.04																	
Benzo(g,h,i)perylene	mg.kg-1	< 0.04																	
Total PAH	mg.kg-1	<0.6																	
Benzo(b)fluoranthene	mg.kg-1	< 0.05																	
Benzo(k)fluoranthene	mg.kg-1	< 0.02																	
Water Soluble Chloride	mg.kg-1	<3.5																	
Water Soluble Sulphate as SO4	mg.kg-1	--																	
Elemental Sulphur	mg.kg-1	<1																	
pH (pH Units)	pH																		
Cyanide	mg.kg-1	<0.5																	
Total Cyanide	mg.kg-1	<0.5																	
Complex Cyanide	mg.kg-1	<0.5																	
Thiocyanate	mg.kg-1	<0.6																	
Arsenic	mg.kg-1	<0.5																	
Cadmium	mg.kg-1	<0.1																	
Chromium	mg.kg-1	<0.5																	
Copper	mg.kg-1	<1																	
Lead	mg.kg-1	<5																	
Mercury	mg.kg-1	<0.1																	
Nickel	mg.kg-1	<0.7																	
Selenium	mg.kg-1	<1																	
Boron	mg.kg-1	<0.1																	
Zinc	mg.kg-1	<5																	
MTBE	mg.kg-1	<0.002																	
Benzene	mg.kg-1	<0.003																	
Toluene	mg.kg-1	<0.003																	
Ethylbenzene	mg.kg-1	<0.003																	
p/m-Xylene	mg.kg-1	<0.006																	
o-Xylene	mg.kg-1	<0.003																	
Aliphatics C5-C6	mg.kg-1	<0.1																	
Aliphatics >C6-C8	mg.kg-1	<0.1																	
Aliphatics >C8-C10	mg.kg-1	<0.1																	
Aliphatics >C10-C12	mg.kg-1	<0.2																	
Aliphatics >C12-C16	mg.kg-1	<4																	
Aliphatics >C16-C21	mg.kg-1	<7																	
Aliphatics >C21-C35	mg.kg-1	<7																	
Total Aliphatics C5-C35	mg.kg-1	<19																	
Aromatics C6-C7	mg.kg-1	<0.1																	
Aromatics >C7-C8	mg.kg-1	<0.1																	
Aromatics >EC8-EC10	mg.kg-1	<0.1																	
Aromatics >EC10-EC12	mg.kg-1	<0.2																	
Aromatics >EC12-EC16	mg.kg-1	<4																	
Aromatics >EC16-EC21	mg.kg-1	<7																	
Aromatics >EC21-EC35	mg.kg-1	<7																	
Total Aromatics C6-C35	mg.kg-1	<19																	
TPH (Aliphatics & Aromatics C5-C35)	mg.kg-1	<38																	

RPD greater than 30 %

RPD greater than 30 % but results < 5 x Detection Limit

RPD greater than 20 %
RPD greater than 20 % but results $< 5 \times$ Detection Limit

Analyte	Units	Detection Limit	RPD		RPD		RPD
DCC	mg L-1	<2					
Conductivity (at 20 deg C)	uS.cm-1	<2					
pH	pH Units	<0.01					
Suspended solids	mg L-1	<10					
Resorcinol	mg L-1	<0.0005					
Catechol	mg L-1	<0.0005					
Phenol Low*	mg L-1	<0.0005					
m,p-cresol	mg L-1	<0.0005					
o-cresol	mg L-1	<0.0005					
Total cresols	mg L-1	<0.0005					
Xylenes	mg L-1	<0.0005					
1-naphthol	mg L-1	<0.0005					
2,3,5-trimethyl phenol	mg L-1	<0.0005					
2-naphthol	mg L-1	<0.0005					
Total Phenols	mg L-1	<0.005					
Naphthalene	mg L-1	<0.000014					
Acenaphthylene	mg L-1	<0.000013					
Acenaphthene	mg L-1	<0.000013					
Fluorene	mg L-1	<0.000014					
Phenanthrene	mg L-1	<0.000011					
Anthracene	mg L-1	<0.000013					
Fluoranthene	mg L-1	<0.000012					
Pyrene	mg L-1	<0.000013					
Benzo(a)anthracene	mg L-1	<0.000015					
Chrysene	mg L-1	<0.000011					
Benzo(b)fluoranthene	mg L-1	<0.000018					
Benzo(k)fluorene	mg L-1	<0.000016					
Indeno(1,2,3-cd)pyrene	mg L-1	<0.000011					
Di-benz(a,h)anthracene	mg L-1	<0.00001					
Benzo(a,h)fluorene	mg L-1	<0.000011					
Total PAH (16)	mg L-1	<0.000195					
Benzo(b)fluoranthene	mg L-1	<0.00001					
Benzo(a)fluoranthene	mg L-1	<0.00001					
Sulphate	mg L-1	10.65					
Chloride	mg L-1	<0.3					
Free Cyanide	mg L-1	<0.01					
Total Cyanide	mg L-1	<0.005					
Complex Cyanide	mg L-1	<0.01					
Total Ammonium	mg L-1	<0.03					
Sulphide	mg L-1	<0.3					
Thiocyanate	mg L-1	<0.02					
Arsenic	mg L-1	<0.0009					
Cadmium	mg L-1	<0.00003					
Chromium	mg L-1	<0.0002					
Copper	mg L-1	<0.003					
Iron	mg L-1	<0.0047					
Lithium	mg L-1	<0.0004					
Nickel	mg L-1	<0.0002					
Selenium	mg L-1	<0.0012					
Zinc	mg L-1	<0.0015					
Mercury	mg L-1	0.00003					
Total sulphur	mg L-1	0.05					
Benzene	mg L-1	<0.001					
Toluene	mg L-1	<0.002					
Ethylbenzene	mg L-1	<0.002					
p/m-Xylene	mg L-1	<0.003					
o-Xylene	mg L-1	<0.002					
Total Petroleum Hydrocarbons	mg L-1	<0.01					
Aliphatics C5-C8	mg L-1	<0.005					
Aliphatics >C8-C9	mg L-1	<0.005					
Aliphatics >C9-C10	mg L-1	<0.005					
Aliphatics >C10-C12	mg L-1	<0.005					
Aliphatics >C12-C16	mg L-1	<0.01					
Aliphatics >C16-C21	mg L-1	<0.01					
Aliphatics >C21-C35	mg L-1	<0.01					
Total Aliphatics C5-C35	mg L-1	<0.01					
Aromatics C5-C7	mg L-1	<0.005					
Aromatics >C7-C8	mg L-1	<0.005					
Aromatics >EC8-EC10	mg L-1	<0.005					
Aromatics >EC10-EC12	mg L-1	<0.005					
Aromatics >EC12-EC16	mg L-1	<0.01					
Aromatics >EC16-EC21	mg L-1	<0.01					
Aromatics >EC21-EC35	mg L-1	<0.01					
Total Aromatics C5-C35	mg L-1	<0.01					
TPH (Aliphatics and Aromatics C5-C35)	mg L-1	<0.01					
Methyl Tertiary Butyl Ether	mg L-1	<0.001					
Dichlorodifluoromethane	mg L-1	<0.002					
Methyl Tertiary Butyl Ether	mg L-1	<0.001					
Chloromethane	mg L-1	<0.003					
Vinyl Chloride	mg L-1	<0.002					
Bromomethane	mg L-1	<0.001					
Chloroethane	mg L-1	<0.003					
Trichlorofluoroethane	mg L-1	<0.003					
1,1-Dichloroethene (1,1 DCE)	mg L-1	<0.003					
Dichloromethane (DCM)	mg L-1	<0.003					
trans-1,2-Dichloroethene	mg L-1	<0.003					
1,1-Dichloroethane	mg L-1	<0.003					
cis-1,2-Dichloroethene	mg L-1	<0.003					
2,2-Dichloropropane	mg L-1	<0.001					
Bromochloromethane	mg L-1	<0.002					
Chloroform	mg L-1	<0.002					
1,1,1-Trichloroethane	mg L-1	<0.002					
1,1-Dichloropropene	mg L-1	<0.003					
Cation tetrachloride	mg L-1	<0.002					
1,2-Dichloroethane	mg L-1	<0.002					
Benzene	mg L-1	<0.001					
Trichloroethene (TCE)	mg L-1	<0.003					
1,2-Dichloropropane	mg L-1	<0.002					
Dibromomethane	mg L-1	<0.003					
Bromodichloromethane	mg L-1	<0.002					
cis-1,3-Dichloropropene	mg L-1	<0.002					
Toluene	mg L-1	<0.002					
trans-1,3-Dichloropropene	mg L-1	<0.002					
1,1,2-Trichloroethane	mg L-1	<0.002					
Tetrachloroethene (PCE)	mg L-1	<0.003					
1,3-Dichloropropane	mg L-1	<0.002					
Dibromochloromethane	mg L-1	<0.002					
1,2-Dibromoethane	mg L-1	<0.002					
Chlorobenzene	mg L-1	<0.002					
1,1,1,2-Tetrachloroethane	mg L-1	<0.002					
Ethylbenzene	mg L-1	<0.002					
p/m-Xylene	mg L-1	<0.003					
o-Xylene	mg L-1	<0.002					
Styrene	mg L-1	<0.002					
Bromoform	mg L-1	<0.002					
Isopropylbenzene	mg L-1	<0.003					
1,2,2,2-Tetrachloroethane	mg L-1	<0.004					
Bromobenzene	mg L-1	<0.002					
1,2,3-Trichloropropane	mg L-1	<0.003					
Propylbenzene	mg L-1	<0.003					
2-Chlorotoluene	mg L-1	<0.003					
1,3,5-Trimethylbenzene	mg L-1	<0.003					
4-Chlorotoluene	mg L-1	<0.003					
tert-Butylbenzene	mg L-1	<0.003					
1,2,4-Trimethylbenzene	mg L-1	<0.003					
sec-Butylbenzene	mg L-1	<0.003					
4-Isopropyltoluene	mg L-1	<0.003					
1,3-Dichlorobenzene	mg L-1	<0.003					
1,4-Dichlorobenzene	mg L-1	<0.003					
n-Butylbenzene	mg L-1	<0.003					
1,2-Dichlorobenzene	mg L-1	<0.003					
1,2-Dibromo-3-chloropropane	mg L-1	<0.002					
1,2,4-Trichlorobenzene	mg L-1	<0.003					
Hexachlorobutadiene	mg L-1	<0.003					
Naphthalene	mg L-1	<0.002					
1,2,3-Trichlorobenzene	mg L-1	<0.003					

RPD greater than 20 %
RPD greater than 20 % but results < 5 x Detection Limit