Table for Figure 7
Soil Results - Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

	EPH				MAH							
	EPH C10-C19	EPH C19-C32	LEPH	HEPH	Benzene	Ethylbenzene	Toluene	Styrene	Xylenes, total	VHw6-10	VPH	Methyl tert-butyl ether [MTBE]
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL	200	200	200	200	0	0	0	0	0.00075	100	100	0.2
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)	~	~	~	~	6.5	200	200	~	20	~	~	~
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)	~	~	~	~	1000	25000	20000	~	50000	~	~	~
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)	~	~	~	~	250	650	450	~	600	~	~	~
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)	~	~	~	~	6.5	200	200	~	20	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)	~	~	~	~	350	8500	6500	~	15000	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)	~	~	~	~	250	650	450	~	600	~	~	~
CSR Sch 3.1 Part 2 CL Human Health	2000[1]	5000[1]	2000[1]	5000[1]	~	~	~	50000	~	~	200	20000
CSR Sch 3.1 Part 2 RLHD Human Health	1000[1]	1000[1]	1000[1]	1000[1]	~	~	~	15000	~	~	200	8000
CSR Sch 3.1 Part 3 CL Ecological Health	2000[1]	5000[1]	2000[1]	5000[1]	~	~	~	50	~	~	200	~
CSR Sch 3.1 Part 3 RLHD Ecological Health	2000[1]	5000[1]	2000[1]	5000[1]	~	~	~	50	~	~	200	~

Location	Date	Depth (m)											
Z207 (Dup of BH180-01)	2018-09-05	0.4-0.7	<200	<200	-	-	-	-	-	-	-	-	-
BH180-02	2018-09-05	1.2-1.5	<200	<200	-	-	-	-	-	-	-	-	-
BH181-01	2018-09-05	0.4-0.7	<200	<200	-	-	-	-	-	-	-	-	-
BH181-02	2018-09-05	1.2-1.5	<200	<200	-	-	-	-	-	-	-	-	-

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 7
Soil Results - TEH and MOG
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

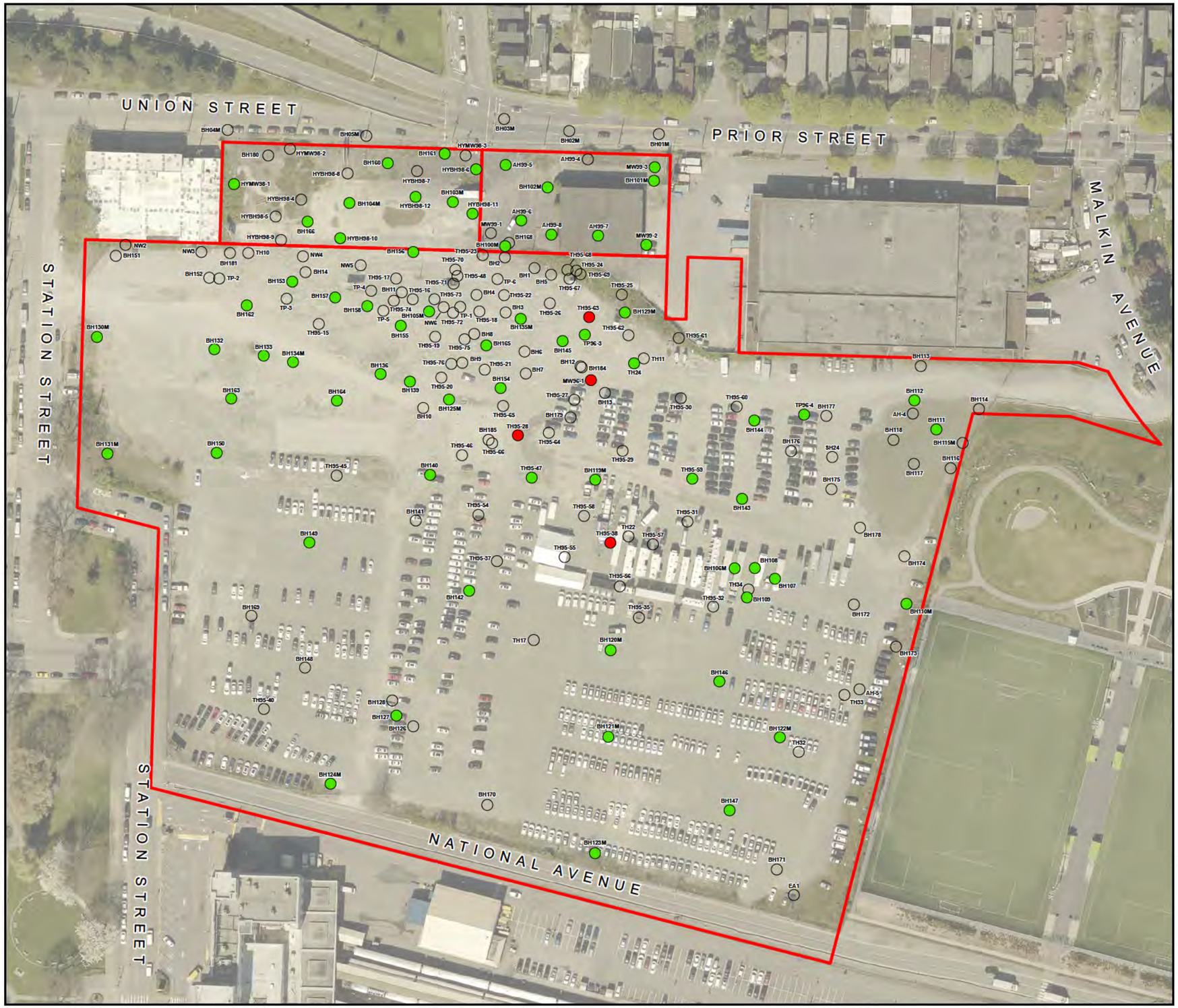
			TPH	
			MINERAL OIL & GREASE	TEH
			mg/kg	mg/kg
RDL			0	0
CSR Sch 3.1 Part 2 RLHD Human Health (LEPH Standard)			**1000**	**1000**
CSR Sch 3.1 Part 3 RLHD Ecological Health (LEPH Standard)			**5000**	**5000**
Location	**Date**	**Depth (m)**		
NW2	1991-12-20	0.25	-	149
NW4	1991-12-20	0.25	120	-
SH24 (Dup)	1991-12-20	0.25	-	200
TH24 (2.5-4)	1991-12-17	0.8-1.2	<50	-
TH24 (2.5-4) Dup	1991-12-17	0.8-1.2	<50	-
TH24 (5-6.5)	1991-12-17	1.5-2	460	157
TH24 (7.5-9)	1991-12-17	2.3-2.7	820	-
TH32 (1)	1991-12-19	0.3	<50	-
TH32 (5-6.5)	1991-12-19	1.5-2	-	<50
TH32 (10-11.5)	1991-12-19	3-3.5	-	<50
TH33 (1)	1991-12-19	0.3	310	-
TH33 (5-6.5)	1991-12-19	1.5-2	-	<50
TH33 (12.5-14)	1991-12-19	3.8-4.3	-	<50
TH34 (1)	1991-12-19	0.3	<50	-
TH34 (2.5-4)	1991-12-19	0.8-1.2	**1530**	**3890**
TH34 (7.5-9)	1991-12-19	2.3-2.7	<50	-
TH34 (15-16.5)	1991-12-19	4.6-5	<50	<50
TH34 (15-16.5) Dup	1991-12-19	4.6-5	<50	-
EA1	1991-12-20	0.3	<50	-
TP-1 (Sa1)	1994	1.3-1.6	170	120
TP-1 (Sa2)	1994	5.3-5.5	240	270
TH95-19 (0-0.7)	1995	0-0.7	-	**1100**
TH95-20 (4.2-5.2)	1995	4.2-5.2	-	200
TH95-21 (3.9-4.5)	1995	3.9-4.5	116	-
TH95-27 (1.8-2.4)	1995	1.8-2.4	178	-
TH95-28 (0.9-1.5)	1995	0.9-1.5	441	-
TH95-28 (2.2-3.0)	1995	2.2-3	215	-
TH95-28 (4.5-5.2)	1995	4.5-5.2	295	-
TH95-31 (2.0-2.7)	1995	2-2.7	<100	-
TH95-32 (0.9-1.5)	1995	0.9-1.5	<100	170

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 7
Soil Results - TEH and MOG
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			TPH	
			MINERAL OIL & GREASE	TEH
			mg/kg	mg/kg
RDL			0	0
CSR Sch 3.1 Part 2 RLHD Human Health (LEPH Standard)			**1000**	**1000**
CSR Sch 3.1 Part 3 RLHD Ecological Health (LEPH Standard)			**5000**	**5000**
Location	**Date**	**Depth (m)**		
TH95-32 (3.0-3.9)	1995	3-3.9	269	-
TH95-38 (1.5-2.2)	1995	1.5-2.2	157	-
TH95-38 (2.6-3.0)	1995	2.6-3	**1300**	-
TH95-38 (3.0-3.6)	1995	3-3.6	<100	-
TH95-47 (3.0-3.7)	1995	3-3.7	233	-
TH95-47 (4-4.7)	1995	4-4.7	375	-
TH95-55 (3-4)	1995	3-4	448	-
TH95-57 (5.8-6)	1995	5.8-6	498	-
TH95-59 (4.0-5.0)	1995	4-5	128	-
TH95-62 (3-3.9)	1995	3-3.9	**3170**	-
TH95-63 (2.3-3.0)	1995	2.3-3	143	-
TH95-63 (3.0-3.8)	1995	3-3.8	**1490**	-
TH95-64 (4.7-5.7)	1995	4.7-5.7	474	-
TH95-73 (0-0.5)	1995	0-0.5	<100	-
TH95-73 (0.5-1.0)	1995	0.5-1	**1260**	-

City of Vancouver - FOI 2022-084 - Page 293 of 1790



Site Boundary (Approximate)
Sample meets applicable Standards
Sample exceeds applicable Standards
Not Analyzed

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

SOIL POLYCYCLIC AROMATIC HYDROCARBON RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS	File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
	5355-01.01	MAR 2019	53550101_F81	DPL	8

Original in colour

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 8
Soil Results - Polycyclic Aromatic Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			PAH																				
			1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Benzo[b+j]fluoranthene	Benzo(b)&(k)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	PAHs (Sum of total)
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.05	0.01	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0.05	0.00005
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			~	~	~	~	75000	~	30	~	~	~	~	~	~	10000	~	~	5000	~	~	~	~
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			~	~	~	~	25000	~	10	~	~	~	~	~	~	3500	~	~	1500	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 2 CL Human Health			1000	950	15000	~	~	300	~	~	300	~	300	4500	30	~	9500	300	~	10000	7500	10	~
CSR Sch 3.1 Part 2 RLHD Human Health			500	100	2000	~	~	95	~	~	95	~	95	400	10	~	1000	95	~	3500	2500	4.5	~
CSR Sch 3.1 Part 3 CL Ecological Health			~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~
CSR Sch 3.1 Part 3 RLHD Ecological Health			~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~
Location	**Date**	**Depth (m)**																					
TH24 (5-6.5)	1991-12-17	1.5-2	-	-	0.087	0.097	0.288	1.13	1.29	0.719	1.29	-	0.578	1.18	0.155	1.79	0.106	0.936	0.105	0.755	2.1	-	-
TH95-28 (2.2-3.0)	1995-01-01	2.2-3	-	-	3.2	4.1	10	8.9	8.1	3.2	**11**	-	<0.05	9.4	0.8	25	7.6	3.9	**30**	35	25	-	**185**
TH95-38 (2.6-3.0)	1995-01-01	2.6-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**301**
TH95-47 (4-4.7)	1995-01-01	4-4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.9
TH95-47 (4-5)	1995-07-19	4-5	-	-	<0.2	<0.2	0.46	0.72	0.75	0.49	1.1	-	<0.2	0.73	<0.2	1.3	0.34	0.59	1.6	1.5	1.3	-	10.9
TH95-59 (4.0-5.0)	1995-01-01	4-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.56
TH95-63 (2.3-3.0)	1995-01-01	2.3-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1900**
TH95-63 (3.0-3.8)	1995-01-01	3-3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.2
MW96-1 (Sa-04)	1996-05-24	2.3-2.7	-	-	9.5	0.8	**33**	**34**	**30**	13	**47**	-	-	33	3.7	100	15	**15**	6.5	**120**	84	-	-
TP96-3 (Sa 1)	1996-05-23	0.08-0.22	-	-	<0.05	<0.05	<0.05	0.27	0.45	0.28	0.67	-	-	0.32	0.07	0.34	<0.05	0.36	<0.05	0.07	0.27	-	3.1
TP96-3 (Sa 2)	1996-05-23	0.36-0.46	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
TP96-3 (Sa 3)	1996-05-23	0.61-0.91	-	-	0.29	<0.05	0.28	0.55	0.76	0.45	1.1	-	-	0.6	0.11	1.1	0.27	0.57	0.12	1	0.9	-	8.09
TP96-4 (Sa 1)	1996-05-23	0.05-0.46	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
TP96-4 (Sa 2)	1996-05-23	0.61-0.97	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
TP96-4 (Sa 3)	1996-05-23	1.07-1.22	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
MW98-1(Sa3) (HY)	1998-09-22	2.3	-	-	0.04	0.11	0.17	0.65	0.59	0.34	0.59	-	0.25	0.7	0.08	1.11	0.09	0.36	0.43	0.6	1.16	-	-
HYBH98-6 (0.6)	1998-09-23	0.6	-	-	<0.01	<0.01	<0.01	0.02	-	<0.01	0.01	-	<0.01	0.02	<0.01	0.02	<0.01	<0.01	0.06	0.03	0.03	-	-
HYBH98-10 (3.6)	1998-09-23	3.6	-	-	0.04	<0.01	0.03	0.06	-	0.05	0.08	-	0.04	0.11	0.01	0.19	0.03	0.05	0.12	0.23	0.2	-	-
HYBH98-11 (0.6)	1998-09-23	0.6	-	-	0.03	0.06	0.22	2.66	-	1.8	4.19	-	1.43	3.01	0.35	3.42	0.09	1.83	0.07	0.98	3.58	-	-
HYBH98-12 (2.5)	1998-09-23	2.5	-	-	0.04	0.04	0.12	0.41	-	0.32	0.48	-	0.18	0.45	0.07	0.67	0.06	0.33	0.27	0.45	0.65	-	-
MW99-2	1999-11-17	0.6-1.2	-	-	<0.1	0.1	0.3	0.7	-	0.5	0.9	-	0.4	0.8	0.1	1.5	<0.1	0.4	0.6	1	1.6	-	-
MW99-3	1999-11-17	0.6-1.2	-	-	<0.1	<0.1	0.2	0.5	-	0.5	0.8	-	0.3	0.6	<0.1	0.9	<0.1	0.5	0.2	0.6	0.9	-	-
AH99-5	1999-11-17	0-0.6	-	-	<0.1	0.1	0.2	0.5	-	0.6	0.8	-	0.3	0.7	0.1	1.2	<0.1	0.6	0.1	0.8	1.2	-	-
AH99-6	1999-11-19	1.5-2.1	-	-	2.8	0.9	6	7.1	-	4.5	8.9	-	3.5	7.4	1	16.9	3.7	5	6.7	19.9	16.9	-	-
AH99-7	1999-11-19	1.5-2.1	-	-	<0.01	<0.01	0.02	0.03	-	0.02	0.04	-	0.02	0.04	<0.01	0.06	0.01	0.02	0.03	0.06	0.06	-	-
AH99-8	1999-11-19	0-0.6	-	-	0.1	0.1	0.4	1.1	-	1.6	2.6	-	0.8	1.4	0.3	3.3	0.3	1.9	0.8	2.4	4.2	-	-

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 8
Soil Results - Polycyclic Aromatic Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			PAH																				
			1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Benzo[b+j]fluoranthene	Benzo(b)&(k)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	PAHs (Sum of total)
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.05	0.01	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0.05	0.00005
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			~	~	~	~	75000	~	30	~	~	~	~	~	~	10000	~	~	5000	~	~	~	~
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			~	~	~	~	25000	~	10	~	~	~	~	~	~	3500	~	~	1500	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 2 CL Human Health			1000	950	15000	~	~	300	~	~	300	~	300	4500	30	~	9500	300	~	10000	7500	10	~
CSR Sch 3.1 Part 2 RLHD Human Health			500	100	2000	~	~	95	~	~	95	~	95	400	10	~	1000	95	~	3500	2500	4.5	~
CSR Sch 3.1 Part 3 CL Ecological Health			~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~
CSR Sch 3.1 Part 3 RLHD Ecological Health			~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~
Location	**Date**	**Depth (m)**																					
BH100M-03	2018-05-03	1.8-2.1	<0.05	0.019	0.0066	0.0152	0.0167	0.055	0.077	0.048	0.089	0.124	0.036	0.069	0.0122	0.119	<0.01	0.058	0.031	0.084	0.13	<0.05	-
BH100M-04	2018-05-03	2.6-2.9	<0.05	<0.01	0.0133	0.007	0.0338	0.057	0.06	0.031	0.071	0.098	0.027	0.061	0.0086	0.122	0.039	0.038	0.016	0.118	0.126	<0.05	-
BH101M-02	2018-05-03	0.9-1.1	<0.05	0.026	<0.015	0.0203	0.0321	0.139	0.183	0.116	0.23	0.313	0.083	0.156	0.0309	0.262	<0.015	0.128	0.046	0.157	0.279	<0.05	-
BH101M-03	2018-05-03	1.6-1.9	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH102M-01	2018-05-03	0.6-1.1	<0.05	0.022	0.0349	0.072	0.145	0.639	0.859	0.488	1.12	1.52	0.4	0.686	0.139	1.02	0.037	0.6	0.033	0.381	1.08	<0.05	-
Z100 (Dup of BH102M-01)	2018-05-03	0.6-1.1	<0.05	0.03	0.0373	0.113	0.205	0.822	1.18	0.63	1.45	2.03	0.579	0.842	0.167	1.37	0.046	0.796	0.052	0.492	1.48	<0.05	-
BH103M-01	2018-05-03	0.4-0.7	2.85	3.34	<0.3	<0.3	0.581	1.21	1.28	0.75	1.7	2.38	0.679	1.28	0.213	2.67	<0.4	0.833	1.84	2.28	2.61	<0.05	-
BH104M-03	2018-05-04	1.5-1.8	<0.05	0.028	<0.016	0.0203	0.0265	0.119	0.187	0.192	0.317	0.462	0.144	0.233	0.0377	0.418	0.013	0.207	0.035	0.356	0.405	<0.05	-
Z103 (Dup of BH104M-03)	2018-05-04	1.5-1.8	<0.05	0.024	<0.015	<0.015	0.0219	0.096	0.161	0.14	0.253	0.361	0.109	0.182	0.0278	0.346	<0.015	0.154	0.023	0.302	0.33	<0.05	-
BH105M-02	2018-05-04	1.1-1.4	7.32	9.67	<1	<0.3	<0.5	<0.3	0.271	0.199	<0.5	<0.54	<0.2	<0.4	<0.06	0.903	1.96	0.14	<4	<4	1.17	<0.4	-
BH105M-03	2018-05-04	1.5-1.8	1.1	0.241	<0.3	<0.05	0.0544	0.048	0.038	0.03	<0.09	<0.098	<0.04	<0.07	<0.02	0.201	0.219	0.025	<0.4	0.323	0.186	0.051	-
BH105M-06	2018-05-04	5.1-5.4	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH106M-02	2018-05-04	1-1.3	<0.14	0.063	0.016	0.075	0.113	0.104	0.169	0.339	0.489	0.641	0.152	<0.3	0.063	0.261	<0.028	0.347	0.072	0.198	0.253	<0.14	-
BH107-02	2018-05-04	1-1.3	0.062	0.081	<0.013	0.0297	0.0494	0.077	0.098	0.09	0.186	0.244	0.058	0.121	0.0234	0.174	<0.013	0.102	0.051	0.129	0.165	<0.05	-
BH107-05	2018-05-04	3-3.3	0.084	0.11	0.122	0.0195	0.198	0.157	0.125	0.072	0.189	0.268	0.079	0.151	0.0202	0.473	0.177	0.083	0.269	0.616	0.365	<0.05	-
Z105 (Dup of BH107-05)	2018-05-04	3-3.3	0.499	0.795	1.17	0.0467	1.19	0.66	0.388	0.146	0.573	0.806	0.233	0.58	0.0485	2.44	1.3	0.177	1.26	4.38	1.78	<0.05	-
BH107-06	2018-05-04	4-4.3	0.051	0.095	0.0877	0.0077	0.118	0.114	0.07	0.031	0.12	0.163	0.043	0.11	0.0098	0.361	0.095	0.037	0.247	0.321	0.303	<0.05	-
BH107-08	2018-05-04	5.6-5.9	0.086	0.143	0.155	0.0062	0.146	0.092	0.061	0.027	0.087	0.122	0.036	0.084	0.0086	0.316	0.146	0.032	0.431	0.506	0.238	<0.05	-
BH108-02	2018-05-04	1.2-1.5	0.067	0.079	0.0688	0.029	0.177	0.476	0.596	0.42	0.688	0.963	0.276	0.543	0.0782	1.14	0.049	0.42	0.081	0.804	1.34	<0.05	-
BH109-02	2018-05-04	1-1.3	<0.05	<0.01	<0.005	<0.005	0.0195	<0.01	0.012	0.015	0.05	0.068	0.018	<0.03	<0.005	0.03	<0.01	0.018	<0.01	0.013	0.026	<0.05	-
BH110M-02	2018-05-07	1-1.3	<0.05	0.045	<0.013	<0.013	0.028	0.028	0.032	0.033	0.062	0.082	0.021	<0.04	<0.013	0.062	<0.013	0.037	0.028	0.079	0.053	<0.05	-
BH111-02	2018-05-07	1.2-1.5	<0.05	0.015	<0.005	0.0061	0.0105	0.042	0.041	0.024	0.064	0.088	0.024	0.048	0.0068	0.09	<0.01	0.029	0.015	0.034	0.075	<0.05	-
BH112-01	2018-05-07	0.4-0.7	<0.05	<0.01	<0.005	0.0062	0.0083	0.028	0.033	0.022	0.046	0.063	0.017	0.035	0.0055	0.056	<0.01	0.026	<0.01	0.036	0.058	<0.05	-
BH119M-03	2018-05-07	1.7-2	0.292	0.328	<0.04	<0.03	0.0666	0.08	0.063	0.042	0.101	0.137	0.036	0.091	<0.016	0.189	<0.05	0.039	0.244	0.351	0.184	<0.05	-
BH119M-05	2018-05-07	3-3.3	0.054	0.044	0.212	0.0899	0.299	0.711	0.876	0.403	0.929	1.35	0.421	0.703	0.113	1.39	0.265	0.522	0.182	0.784	1.36	<0.05	-
BH120M-06	2018-05-07	3.9-4.2	0.9	1.2	0.163	0.199	0.843	1.09	1.01	0.526	1.08	1.53	0.449	1.04	0.127	2.42	0.588	0.578	3.24	3.43	2.69	<0.05	-

Table for Figure 8
Soil Results - Polycyclic Aromatic Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			PAH																				
			1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Benzo[b+j]fluoranthene	Benzo(b)&(k)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	PAHs (Sum of total)
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.05	0.01	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0.05	0.00005
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			~	~	~	~	75000	~	30	~	~	~	~	~	~	10000	~	~	5000	~	~	~	~
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			~	~	~	~	25000	~	10	~	~	~	~	~	~	3500	~	~	1500	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 2 CL Human Health			1000	950	15000	~	~	300	~	~	300	~	300	4500	30	~	9500	300	~	10000	7500	10	~
CSR Sch 3.1 Part 2 RLHD Human Health			500	100	2000	~	~	95	~	~	95	~	95	400	10	~	1000	95	~	3500	2500	4.5	~
CSR Sch 3.1 Part 3 CL Ecological Health			~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~
CSR Sch 3.1 Part 3 RLHD Ecological Health			~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~
Location	**Date**	**Depth (m)**																					
BH120M-07	2018-05-07	5.7-6	<0.05	<0.01	<0.005	<0.005	0.0099	0.025	0.033	0.021	0.037	0.051	0.014	0.025	0.0055	0.051	<0.01	0.024	0.017	0.036	0.057	<0.05	-
BH121M-01	2018-05-08	0.4-0.7	0.773	0.957	<0.03	<0.03	0.282	0.179	0.098	0.069	0.193	0.259	0.066	0.202	<0.03	0.362	<0.05	0.07	0.802	0.449	0.34	<0.05	-
BH121M-03	2018-05-08	1.6-1.9	<0.05	0.021	0.0217	<0.005	0.0129	0.012	0.011	<0.01	0.02	0.02	<0.01	0.025	<0.005	0.027	0.014	<0.01	0.018	0.043	0.022	<0.05	-
BH122M-04	2018-05-08	2.5-2.8	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH123M-02	2018-05-08	1.1-1.4	<0.05	0.01	<0.005	<0.005	0.0066	0.022	0.027	0.023	0.051	0.068	0.017	0.031	<0.005	0.053	<0.01	0.023	0.011	0.036	0.053	<0.05	-
BH124M-02	2018-05-09	1.2-1.5	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH125M-02	2018-05-09	1.1-1.4	<0.14	0.162	<0.014	<0.014	0.015	<0.028	<0.028	0.037	0.034	<0.04	<0.028	<0.05	<0.014	0.061	<0.028	0.028	0.15	0.082	0.057	<0.14	-
BH125M-05	2018-05-09	3-3.3	0.068	0.144	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	0.074	0.022	<0.01	<0.05	-
BH127-02	2018-05-09	1.2-1.5	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH129M-02	2018-05-09	1.1-1.4	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	0.012	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH129M-04	2018-05-09	2.7-3	0.143	0.183	0.239	<0.008	0.235	0.072	0.042	0.02	0.054	0.076	0.022	0.087	<0.007	0.375	0.223	0.026	0.078	0.944	0.32	<0.05	-
BH130M-02	2018-05-10	1.1-1.4	<0.05	0.056	0.0471	0.0458	0.155	0.454	0.511	0.31	0.51	0.718	0.208	0.559	0.0772	0.762	0.045	0.291	0.067	0.655	1.09	<0.05	-
BH130M-05	2018-05-10	3.4-3.7	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	0.012	<0.01	<0.01	<0.01	<0.01	0.013	<0.05	-
BH131M-02	2018-05-10	1.2-1.5	<0.05	<0.01	<0.005	0.077	0.0292	0.074	0.173	0.127	0.254	0.353	0.099	0.078	0.0306	0.145	<0.01	0.155	0.013	0.071	0.144	<0.05	-
BH132-02	2018-05-10	1-1.3	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH133-02	2018-05-10	1.2-1.5	<0.05	0.047	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.02	<0.005	<0.01	<0.01	<0.01	0.02	0.014	0.014	<0.05	-
BH134M-02	2018-05-10	1-1.3	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH134M-04	2018-05-10	2.5-2.8	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH135-02	2018-05-10	1.2-1.5	<0.05	0.045	0.015	0.1	0.237	0.85	0.66	0.606	1.1	1.47	0.368	0.795	0.12	1.88	0.033	0.688	0.074	0.814	1.54	<0.05	-
BH136-02	2018-05-10	1.2-1.5	<0.05	0.011	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	0.011	<0.01	<0.01	<0.05	-
BH139-02	2018-05-15	1.2-1.5	0.405	0.578	<0.02	<0.02	0.0413	<0.05	0.053	0.07	0.089	0.125	0.036	<0.06	<0.03	0.092	<0.04	0.056	0.429	0.159	0.104	<0.05	-
BH139-03	2018-05-15	2.2-2.5	<0.05	0.03	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	0.023	<0.01	<0.01	<0.05	-
BH139-05	2018-05-15	5.6-5.9	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH140-06	2018-05-15	6.5-6.8	<0.05	0.012	<0.005	<0.005	<0.007	0.021	0.021	0.016	0.028	0.041	0.012	0.019	<0.005	0.036	<0.01	0.014	0.015	0.017	0.037	<0.05	-
BH142-02	2018-05-15	1.2-1.5	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
Z118 (Dup of BH142-02)	2018-05-15	1.2-1.5	<0.05	<0.01	0.0142	<0.005	0.0282	0.047	0.039	0.023	0.047	0.064	0.016	0.048	0.0058	0.092	<0.01	0.022	<0.01	0.129	0.126	<0.05	-

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 8
Soil Results - Polycyclic Aromatic Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

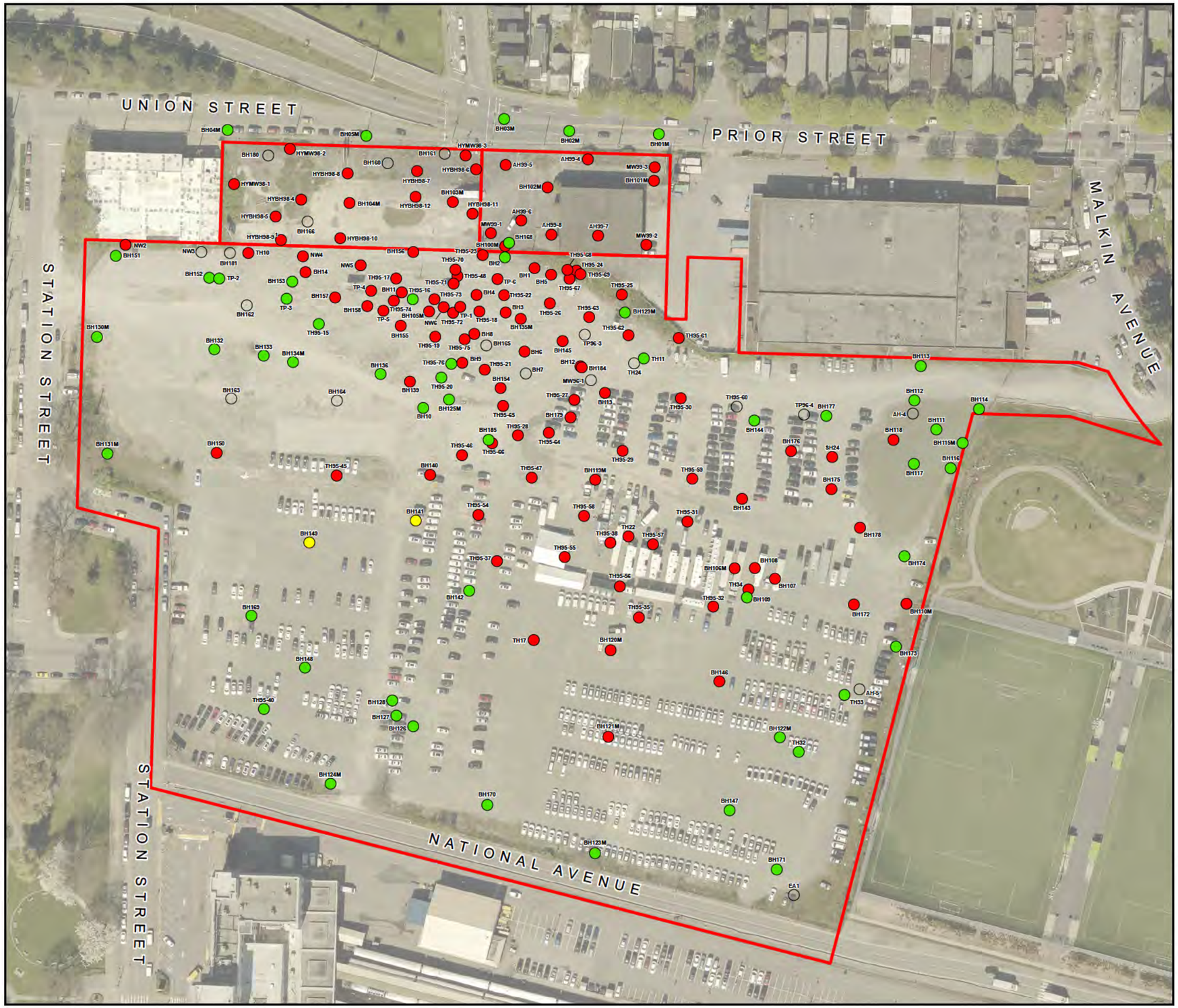
	PAH																				
	1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Benzo[b+j]fluoranthene	Benzo(b)&(k)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	PAHs (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL	0.05	0.01	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0.05	0.00005
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)	~	~	~	~	75000	~	30	~	~	~	~	~	~	10000	~	~	5000	~	~	~	~
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)	~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)	~	~	~	~	25000	~	10	~	~	~	~	~	~	3500	~	~	1500	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)	~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 2 CL Human Health	1000	950	15000	~	~	300	~	~	300	~	300	4500	30	~	9500	300	~	10000	7500	10	~
CSR Sch 3.1 Part 2 RLHD Human Health	500	100	2000	~	~	95	~	~	95	~	95	400	10	~	1000	95	~	3500	2500	4.5	~
CSR Sch 3.1 Part 3 CL Ecological Health	~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~
CSR Sch 3.1 Part 3 RLHD Ecological Health	~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~

Location	Date	Depth (m)																				
BH143-01	2018-05-14	0.2-0.5	<0.05	0.034	<0.005	0.0231	0.0448	0.044	0.061	0.064	0.136	0.177	0.041	<0.1	0.013	0.084	<0.01	0.068	0.03	0.061	0.095	<0.05	-
BH143-03	2018-05-14	2.5-2.8	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH144-03	2018-05-14	2.5-2.8	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH145-02	2018-05-15	1-1.3	<0.05	0.014	0.0264	0.049	0.269	1.13	1.08	0.85	1.71	2.36	0.654	1.06	0.173	2.58	0.018	0.855	0.022	0.2	2.26	<0.05	-
BH145-04	2018-05-15	2.3-2.5	0.132	0.104	1.27	0.147	0.87	1.37	1.26	0.818	1.81	2.56	0.745	1.28	0.18	4.22	0.965	0.894	0.173	4.73	3.58	<0.05	-
BH146-03	2018-05-14	2.5-2.8	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH147-01	2018-05-14	0.2-0.5	0.054	0.076	0.005	0.0274	0.0415	0.062	0.072	0.066	0.124	0.167	0.043	<0.2	0.0142	0.129	<0.01	0.062	0.061	0.1	0.143	<0.05	-
BH149-01	2018-05-14	0.2-0.6	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
Z116 (Dup of BH149-01)	2018-05-14	0.2-0.6	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	0.01	<0.015	<0.01	<0.01	<0.005	0.011	<0.01	<0.01	<0.01	<0.01	0.011	<0.05	-
BH150-02	2018-05-15	1.1-1.4	<0.05	<0.01	0.0057	<0.005	0.0168	0.032	0.033	0.036	0.058	0.078	0.02	0.04	0.0069	0.071	<0.01	0.032	0.015	0.07	0.076	<0.05	-
BH153-03	2018-05-17	2.6-2.9	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH154-03	2018-05-17	2.2-2.5	<0.05	0.014	<0.005	<0.005	0.0074	0.013	0.013	0.011	0.02	0.02	<0.01	0.016	<0.005	0.034	<0.01	<0.01	0.034	0.029	0.036	<0.05	-
Z121 (Dup of BH154-03)	2018-05-17	2.2-2.5	<0.05	0.018	<0.005	<0.005	0.0098	0.018	0.019	0.015	0.024	0.035	0.011	0.02	<0.005	0.045	<0.01	0.014	0.048	0.038	0.048	<0.05	-
BH154-04	2018-05-17	2.7-3	0.063	0.085	0.0397	0.0612	0.128	0.255	0.328	0.208	0.369	0.54	0.171	0.319	0.0378	0.714	0.071	0.202	0.234	0.51	0.703	<0.05	-
BH155-01	2018-05-17	0.2-0.5	<0.05	0.04	<0.025	<0.025	<0.025	0.036	0.048	0.066	0.08	0.11	0.03	<0.06	<0.025	0.088	<0.025	0.048	0.039	0.073	0.112	<0.05	-
BH155-02	2018-05-17	1.5-1.8	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	0.01	<0.015	<0.01	<0.01	<0.005	0.011	<0.01	<0.01	<0.01	<0.01	0.012	<0.05	-
BH155-03	2018-05-17	2.5-2.8	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH156-01	2018-05-17	0.2-0.5	0.687	0.969	0.0613	0.138	0.286	0.953	1.13	1.16	1.63	2.24	0.611	1.24	0.208	1.88	0.066	1.02	1.41	1.46	1.88	<0.05	-
BH156-02	2018-05-17	1.2-1.5	<0.05	0.035	<0.005	0.0077	0.0166	0.047	0.054	0.049	0.076	0.103	0.027	0.056	0.0083	0.105	<0.01	0.043	0.034	0.086	0.101	<0.05	-
BH156-04	2018-05-17	3-3.3	0.37	0.487	1.01	0.0384	1.85	1.49	1.21	0.645	1.44	2.02	0.584	1.36	0.153	4.01	0.923	0.679	0.762	5.84	3.41	<0.06	-
BH156-05	2018-05-17	4.2-4.5	<0.05	<0.01	0.0056	<0.005	0.0072	0.011	<0.01	<0.01	0.012	<0.015	<0.01	0.011	<0.005	0.024	<0.01	<0.01	0.011	0.027	0.023	<0.05	-
BH157-01	2018-05-17	0.2-0.5	0.104	0.102	<0.07	<0.04	<0.06	0.069	0.096	<0.1	<0.2	<0.21	<0.05	<0.1	<0.03	0.126	0.081	0.084	<0.08	0.202	0.259	<0.05	-
BH157-02	2018-05-17	1.2-1.5	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.02	0.015	<0.05	-
BH157-03	2018-05-17	1.5-1.8	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH157-04	2018-05-17	3.5-3.8	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH157-05	2018-05-17	5.2-5.5	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	0.014	<0.01	<0.01	<0.01	<0.01	0.014	<0.05	-

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 8
Soil Results - Polycyclic Aromatic Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			PAH																				
			1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Benzo[b+j]fluoranthene	Benzo(b)&(k)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	PAHs (Sum of total)
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.05	0.01	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0.05	0.00005
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			~	~	~	~	75000	~	30	~	~	~	~	~	~	10000	~	~	5000	~	~	~	~
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	75	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			~	~	~	~	25000	~	10	~	~	~	~	~	~	3500	~	~	1500	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			~	~	~	~	30	~	70	~	~	~	~	~	~	200	~	~	20	~	~	~	~
CSR Sch 3.1 Part 2 CL Human Health			1000	950	15000	~	~	300	~	~	300	~	300	4500	30	~	9500	300	~	10000	7500	10	~
CSR Sch 3.1 Part 2 RLHD Human Health			500	100	2000	~	~	95	~	~	95	~	95	400	10	~	1000	95	~	3500	2500	4.5	~
CSR Sch 3.1 Part 3 CL Ecological Health			~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~
CSR Sch 3.1 Part 3 RLHD Ecological Health			~	~	~	~	~	10	~	~	10	~	10	~	10	~	~	10	~	50	100	~	~
Location	**Date**	**Depth (m)**																					
BH158-02	2018-05-17	1.2-1.5	<0.05	0.022	0.0054	<0.005	<0.006	<0.01	<0.01	<0.01	0.014	<0.015	<0.01	<0.02	<0.005	0.021	<0.01	<0.01	0.019	0.028	0.026	<0.05	-
BH158-03	2018-05-17	1.6-1.9	<0.05	0.016	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	0.014	<0.01	<0.01	0.014	0.017	0.017	<0.05	-
Z122 (Dup of BH158-03)	2018-05-17	1.6-1.9	<0.05	0.017	0.0051	<0.005	<0.005	<0.01	<0.01	<0.01	0.011	<0.015	<0.01	<0.02	<0.005	0.018	<0.01	<0.01	0.015	<0.03	0.022	<0.05	-
BH158-04	2018-05-17	2.7-3	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH160-01	2018-08-13	0.4-0.7	<0.05	0.038	0.0588	0.0571	0.362	0.916	1.04	0.634	1.34	1.98	0.642	1.15	0.138	2.16	0.076	0.641	0.067	1.31	1.94	<0.05	-
BH160-04	2018-08-13	2.5-3	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH161-01	2018-08-13	0.4-0.7	0.082	0.082	0.0202	0.0584	0.0819	0.354	0.449	0.251	0.582	0.837	0.256	0.507	0.0665	0.688	0.019	0.291	0.067	0.395	0.819	<0.05	-
Z201 (Duplicate of BH161-01)	2018-08-13	0.4-0.7	0.09	0.098	0.0222	0.0633	0.0802	0.359	0.443	0.248	0.581	0.825	0.244	0.497	0.0666	0.716	0.024	0.287	0.082	0.422	0.802	<0.05	-
BH161-04	2018-08-13	2.5-3	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH162-01	2018-08-13	0.4-0.7	0.405	0.429	0.301	0.103	0.672	1.64	2.21	1.64	3.41	4.77	1.36	2.42	0.415	4.18	0.336	1.65	0.506	4.51	3.82	<0.05	-
BH162-03	2018-08-13	2.5-3	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	0.012	0.012	0.021	0.021	<0.01	0.012	<0.005	<0.01	<0.01	0.012	<0.01	<0.01	<0.01	<0.05	-
BH163-01	2018-08-13	0.4-0.7	<0.05	0.023	<0.005	<0.005	<0.004	<0.01	0.011	0.011	0.019	0.019	<0.01	0.016	<0.005	0.019	<0.01	0.01	0.019	0.016	0.021	<0.05	-
BH164-01	2018-08-13	0.4-0.7	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH165-01	2018-08-13	0.4-0.7	<0.05	<0.01	<0.005	<0.005	<0.004	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	-
BH166-01	2018-08-13	0.4-0.7	<0.05	0.048	0.0257	<0.02	<0.03	0.049	0.087	0.065	<0.2	<0.21	<0.05	<0.2	<0.02	0.115	0.021	0.068	0.07	<0.2	0.234	<0.05	-
BH166-02	2018-08-13	1.1-1.4	<0.05	0.025	0.0179	<0.01	<0.03	<0.03	<0.04	<0.03	<0.06	<0.067	<0.03	<0.08	<0.009	0.054	0.032	<0.03	<0.09	<0.2	0.109	<0.05	-



- Site Boundary (Approximate)
- Sample meets applicable Standards
- Sample exceeds applicable Standards
- Only arsenic in marine buried marine sediment exceeds the standards
- Not Analyzed

[1] - HYBH98-9: Arsenic was 11, no other exceedances

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

SOIL METALS AND INORGANICS RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS

File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
5355-01.01	MAR 2019	53550101_F91a	DPL	9a

Original in colour

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
TH-10-S	1990-01-05	0	-	-	-	<25	-	-	-	0.5	15	7.6	71.2	-	**203**
TH-10-1	1990-01-05	0.9	-	-	-	<25	-	-	-	<0.1	9.8	4.2	9.7	-	2.1
TH-10-2	1990-01-05	1.8	-	-	-	<25	-	-	-	<0.1	10.1	3.8	7.7	-	<2
TH-10-3	1990-01-05	2.7	-	-	-	<25	-	-	-	<0.1	14.1	5.8	14.5	-	9.1
TH-11-S	1990-01-08	0	-	-	-	<25	-	-	-	<0.1	11.4	8.2	14.2	-	3.6
TH-11-1	1990-01-08	0.9	-	-	-	<25	-	-	-	<0.1	14.9	6.6	22.6	-	23.6
TH-11-2	1990-01-08	1.8	-	-	-	<25	-	-	-	<0.1	14.6	5.7	14.5	-	8.8
TH-11-4	1990-01-08	2.7	-	-	-	<25	-	-	-	<0.1	18.3	7.9	22.2	-	61
TH-17-1	1990-01-09	1.5	-	-	-	<25	-	-	-	<0.1	12.5	6.4	14.3	-	2.8
TH-17-2	1990-01-09	2.1	-	-	-	<25	-	-	-	<0.1	10.9	4.9	26.3	-	63.3
TH-17-3	1990-01-09	2.1	-	-	-	<25	-	-	-	<0.1	31.7	9.5	116	-	**443**
TH-17-4	1990-01-09	2.4	-	-	-	<25	-	-	-	0.14	15.3	6.9	22.3	-	32.7
TH-17-S	1990-01-09	0	-	-	-	<25	-	-	-	0.84	15	5.9	60.9	-	**381**
TH-22-2	1990-01-09	0.9	-	-	-	<25	-	-	-	0.13	12.1	4.9	84.8	-	96.8
TH-22-S	1990-01-09	0	-	-	-	<25	-	-	-	0.41	25.2	9.6	136	-	**565**
NW2	1991-12-20	0.25	-	-	-	<25	150	-	-	<2	32.1	9.4	64.8	-	**156**
NW4	1991-12-20	0.25	-	-	-	<25	946	-	-	3.1	**90.6**	19.5	**1340**	-	**1820**
NW5	1991-12-19	0.25	-	-	-	<25	97.1	-	-	<2	14.4	**26.9**	185	-	**349**
NW5 (Dup)	1991-12-19	0.25	-	-	-	<25	97.1	-	-	<2	13.1	21.9	216	-	**335**
NW6	1991-12-19	0.25	-	-	-	<25	369	-	-	2.5	50.6	13.7	**746**	-	**1570**
SH24	1991-12-20	0.25	-	-	-	<25	32.9	-	-	3.9	10.9	5	85.7	-	32
SH24 (Dup)	1991-12-20	0.25	-	-	-	<25	45	-	-	3.7	13.7	6.9	98	-	38
TH32 (5-6.5)	1991-12-19	1.5-2	-	-	-	<25	39.2	-	-	<2	13.6	5.5	11.7	-	<10
TH32 (5-6.5) Dup	1991-12-19	1.5-2	-	-	-	<25	36.4	-	-	<2	9.5	5	10.6	-	<10
TH33 (5-6.5)	1991-12-19	1.5-2	-	-	-	<25	58.6	-	-	<2	11.8	8.4	18	-	<10
TH34 (2.5-4)	1991-12-19	0.8-1.2	-	-	-	<25	85.6	-	-	2.4	21	9.2	21	-	<10
TH34 (15-16.5)	1991-12-19	4.6-5	-	-	-	<25	44.5	-	-	<2	23.8	12.4	237	-	**579**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
TH-10-S	1990-01-05	0	-	285	0.13	<5	13.8	-	-	-	-	-	-	-	33.4	**209**
TH-10-1	1990-01-05	0.9	-	167	0.011	<5	4.6	-	-	-	-	-	-	-	39.6	142
TH-10-2	1990-01-05	1.8	-	158	<0.005	<5	4.8	-	-	-	-	-	-	-	41.2	46.2
TH-10-3	1990-01-05	2.7	-	197	0.018	<5	9.9	-	-	-	-	-	-	-	42.8	60.6
TH-11-S	1990-01-08	0	-	319	0.006	<5	7.5	-	-	-	-	-	-	-	39.2	52.3
TH-11-1	1990-01-08	0.9	-	241	0.02	<5	11.7	-	-	-	-	-	-	-	42.1	63.1
TH-11-2	1990-01-08	1.8	-	197	0.023	<5	11.3	-	-	-	-	-	-	-	36.5	37
TH-11-4	1990-01-08	2.7	-	243	0.18	<5	13.7	-	-	-	-	-	-	-	46.1	69.6
TH-17-1	1990-01-09	1.5	-	257	0.011	<5	8.4	-	-	-	-	-	-	-	36.1	31.6
TH-17-2	1990-01-09	2.1	-	218	0.023	<5	9.9	-	-	-	-	-	-	-	34.2	56
TH-17-3	1990-01-09	2.1	-	652	0.047	<5	34.3	-	-	-	-	-	-	-	49.9	**250**
TH-17-4	1990-01-09	2.4	-	290	0.026	<5	12.7	-	-	-	-	-	-	-	43.1	57.3
TH-17-S	1990-01-09	0	-	230	0.012	<5	25	-	-	-	-	-	-	-	35	174
TH-22-2	1990-01-09	0.9	-	198	0.0157	<5	12	-	-	-	-	-	-	-	44.3	96.9
TH-22-S	1990-01-09	0	-	289	0.15	<5	46	-	-	-	-	-	-	-	54.5	198
NW2	1991-12-20	0.25	-	-	0.087	<4	21.8	0.1	<2	-	-	<30	-	-	-	**241**
NW4	1991-12-20	0.25	-	-	1.75	6.8	89.3	0.42	<2	-	-	90	-	-	-	**2170**
NW5	1991-12-19	0.25	-	-	0.066	<4	26.4	**70.8**	<2	-	-	**3600**	-	-	-	**261**
NW5 (Dup)	1991-12-19	0.25	-	-	0.064	<4	26.1	**61.4**	<2	-	-	**2130**	-	-	-	197
NW6	1991-12-19	0.25	-	-	4.59	4.9	43.4	**51.4**	<2	-	-	133	-	-	-	**2240**
SH24	1991-12-20	0.25	-	-	0.027	<4	8.5	<0.1	<2	-	-	<30	-	-	-	**316**
SH24 (Dup)	1991-12-20	0.25	-	-	0.038	<4	18.4	<0.1	<2	-	-	<30	-	-	-	**367**
TH32 (5-6.5)	1991-12-19	1.5-2	-	-	0.008	<4	8.2	<0.1	<2	-	-	<30	-	-	-	31.9
TH32 (5-6.5) Dup	1991-12-19	1.5-2	-	-	0.01	<4	9.7	<0.1	<2	-	-	<30	-	-	-	26.5
TH33 (5-6.5)	1991-12-19	1.5-2	-	-	0.01	<4	12.5	<0.1	<2	-	-	<30	-	-	-	37.6
TH34 (2.5-4)	1991-12-19	0.8-1.2	-	-	0.023	<4	14.4	<0.1	<2	-	-	<30	-	-	-	60.3
TH34 (15-16.5)	1991-12-19	4.6-5	-	-	0.857	<4	26.8	<0.1	<2	-	-	**542**	-	-	-	**715**

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
BH-1 (Sa2)	1993-12-13	0.5-0.8	-	-	-	**32.6**	185	-	-	5.72	23.5	9.7	**895**	-	**3170**
BH-1 (Sa3)	1993-12-13	1.1-1.4	-	-	-	4.53	118	-	-	1.32	15.4	6.9	38.7	-	56.1
BH-1 (Sa6)	1993-12-13	2.7-3	-	-	-	2.33	69.2	-	-	<0.25	13.7	7	37.8	-	50.1
BH-1 (Sa7)	1993-12-13	3-3.4	-	-	-	3.49	78	-	-	<0.25	17.4	5.3	18.4	-	99.8
BH-1 (Sa8)	1993-12-13	3.5-3.8	-	-	-	4.41	21.7	-	-	<0.25	15.5	5.4	34.3	-	**121**
BH-1 (Sa9)	1993-12-13	4-4.3	-	-	-	1.26	45.3	-	-	<0.25	21	9.2	56.2	-	9.2
BH-2 (Sa4)	1993-12-13	1.8-2.1	-	-	-	1.57	41.4	-	-	<0.25	10	3.1	7.9	-	1.6
BH-2 (Sa5)	1993-12-13	2.6-2.9	-	-	-	1.73	59.3	-	-	<0.25	8.5	4	13.2	-	17.3
BH-2 (Sa6)	1993-12-13	3-3.4	-	-	-	1.6	22.6	-	-	<0.25	7.5	4.8	122	-	1.2
BH-3 (Sa2)	1993-12-13	0.6-0.9	-	-	-	**14.24**	382	-	-	1.58	33.8	8.9	**353**	-	**1260**
BH-3 (Sa3)	1993-12-13	0.9-1.2	-	-	-	2.74	163	-	-	<0.25	14.4	6.4	46.6	-	**347**
BH-3 (Sa5)	1993-12-13	1.8-2.2	-	-	-	5.67	68.7	-	-	<0.25	18	12	72.2	-	62
BH-3 (Sa6)	1993-12-13	2.4-2.7	-	-	-	2.42	125	-	-	<0.25	13.4	5.3	26.7	-	97.7
BH-3 (Sa7)	1993-12-13	3-3.4	-	-	-	3.43	187	-	-	0.26	18.7	9.3	39.2	-	**138**
BH-3 (Sa8)	1993-12-13	3.8-4.1	-	-	-	5.81	472	-	-	0.54	14.3	11	55.4	-	**516**
BH-4 (Sa2)	1993-12-13	0.6-0.9	-	-	-	**10.3**	95.3	-	-	4.31	24.9	10	250	-	**540**
BH-4 (Sa3)	1993-12-13	1.1-1.4	-	-	-	7.83	119	-	-	1.47	30.8	7.3	**699**	-	**1190**
BH-4 (Sa4)	1993-12-13	1.8-2.1	-	-	-	1.71	77.6	-	-	<0.25	14.8	4.5	14	-	23.5
BH-4 (Sa5)	1993-12-13	2.6-2.9	-	-	-	2.72	120	-	-	<0.25	13.6	4.5	33.6	-	75.9
BH-4 (Sa6)	1993-12-13	3.4-3.7	-	-	-	**37.8**	87.3	-	-	0.64	30.5	**27.6**	91.6	-	**186**
BH-4 (Sa7)	1993-12-13	4-4.3	-	-	-	7.48	31.7	-	-	<0.25	17.9	8.1	41.4	-	7.6
BH-5 (Sa2)	1993-12-13	0.8-1.1	-	-	-	4.79	179	-	-	0.25	15.4	6.7	43.9	-	**168**
BH-5 (Sa4)	1993-12-13	2-2.3	-	-	-	4.15	123	-	-	0.46	19.1	6.2	**449**	-	**276**
BH-6 (Sa2)	1993-12-13	0.9-1.2	-	-	-	8.5	101	-	-	0.26	26.6	7.2	**330**	-	**7790**
BH-8 (Sa6)	1993-12-14	3.7-4	-	-	-	**18.5**	38.7	-	-	1.08	36.3	10.8	**383**	-	**5250**
BH-8 (Sa7)	1993-12-14	4-4.3	-	-	-	**25.5**	27.4	-	-	1.37	28	13.4	**685**	-	**2360**
BH-8 (Sa8)	1993-12-14	4.6-4.9	-	-	-	4.03	36.4	-	-	<0.25	15.2	6.6	29.5	-	**1460**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals											
			Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health			**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health			**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health			**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health			**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
BH-1 (Sa2)	1993-12-13	0.5-0.8	-	-	2.24	<4	29	<0.5	<1.5	-	-	98.6	-	-	-	**1880**
BH-1 (Sa3)	1993-12-13	1.1-1.4	-	-	0.011	<4	12.4	<0.5	<1.5	-	-	3.7	-	-	-	**1784**
BH-1 (Sa6)	1993-12-13	2.7-3	-	-	0.08	<4	11.3	<0.5	<1.5	-	-	4	-	-	-	129
BH-1 (Sa7)	1993-12-13	3-3.4	-	-	0.15	<4	9.5	<0.5	<1.5	-	-	28.1	-	-	-	64.9
BH-1 (Sa8)	1993-12-13	3.5-3.8	-	-	0.39	<4	12.9	<0.5	<1.5	-	-	89.9	-	-	-	147
BH-1 (Sa9)	1993-12-13	4-4.3	-	-	0.035	<4	18.4	<0.5	<1.5	-	-	<1.5	-	-	-	72.1
BH-2 (Sa4)	1993-12-13	1.8-2.1	-	-	0.007	<4	5.6	<0.5	<1.5	-	-	<1.5	-	-	-	19.3
BH-2 (Sa5)	1993-12-13	2.6-2.9	-	-	0.023	<4	5.3	<0.5	<1.5	-	-	<1.5	-	-	-	33.3
BH-2 (Sa6)	1993-12-13	3-3.4	-	-	0.006	<4	6.1	<0.5	<1.5	-	-	<1.5	-	-	-	26.6
BH-3 (Sa2)	1993-12-13	0.6-0.9	-	-	0.087	<4	30.7	<0.5	<1.5	-	-	172.4	-	-	-	**4290**
BH-3 (Sa3)	1993-12-13	0.9-1.2	-	-	0.067	<4	11.8	<0.5	<1.5	-	-	61.4	-	-	-	91.8
BH-3 (Sa5)	1993-12-13	1.8-2.2	-	-	0.18	<4	23.2	<0.5	<1.5	-	-	6	-	-	-	45.5
BH-3 (Sa6)	1993-12-13	2.4-2.7	-	-	0.23	<4	10.3	<0.5	<1.5	-	-	<1.5	-	-	-	60.1
BH-3 (Sa7)	1993-12-13	3-3.4	-	-	0.18	<4	15.9	<0.5	<1.5	-	-	<1.5	-	-	-	88.1
BH-3 (Sa8)	1993-12-13	3.8-4.1	-	-	0.26	<4	18.6	<0.5	<1.5	-	-	15.4	-	-	-	126
BH-4 (Sa2)	1993-12-13	0.6-0.9	-	-	0.2	<4	32.4	<0.5	<1.5	-	-	27.4	-	-	-	**3460**
BH-4 (Sa3)	1993-12-13	1.1-1.4	-	-	0.017	<4	26.9	<0.5	<1.5	-	-	32.2	-	-	-	**9660**
BH-4 (Sa4)	1993-12-13	1.8-2.1	-	-	0.047	<4	8.5	<0.5	<1.5	-	-	<1.5	-	-	-	35.7
BH-4 (Sa5)	1993-12-13	2.6-2.9	-	-	0.34	<4	9.6	<0.5	<1.5	-	-	24.8	-	-	-	60.7
BH-4 (Sa6)	1993-12-13	3.4-3.7	-	-	0.77	<4	77.1	<0.5	<1.5	-	-	145	-	-	-	**378**
BH-4 (Sa7)	1993-12-13	4-4.3	-	-	0.037	<4	13.8	<0.5	<1.5	-	-	<1.5	-	-	-	61.8
BH-5 (Sa2)	1993-12-13	0.8-1.1	-	-	0.15	<4	21.1	<0.5	<1.5	-	-	51.2	-	-	-	162
BH-5 (Sa4)	1993-12-13	2-2.3	-	-	0.48	<4	13.5	<0.5	<1.5	-	-	**325**	-	-	-	**224**
BH-6 (Sa2)	1993-12-13	0.9-1.2	-	-	0.018	<4	25	<0.5	<1.5	-	-	**362**	-	-	-	**354**
BH-8 (Sa6)	1993-12-14	3.7-4	-	-	0.4	<4	28.4	<0.5	<1.5	-	-	**549**	-	-	-	**1080**
BH-8 (Sa7)	1993-12-14	4-4.3	-	-	9.36	<4	28.5	<0.5	<1.5	-	-	**2350**	-	-	-	**1550**
BH-8 (Sa8)	1993-12-14	4.6-4.9	-	-	0.14	<4	16.1	<0.5	<1.5	-	-	**340**	-	-	-	161

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

	Metals												
	pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
	pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL	0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)	~	~	~	**10**	**1500**	**85-350000[2]**	~	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	~	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)	~	~	~	**150**	**50000**	**500**	~	**150**	**750**	**75**	**25000**	~	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)	~	~	~	**40**	**1500**	**350**	~	**75**	**250**	**200**	**300**	~	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)	~	~	~	**10**	**1500**	**85-350000[2]**	~	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	~	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)	~	~	~	**40**	**15000**	**150**	~	**40**	**250**	**25**	**7500**	~	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)	~	~	~	**40**	**1500**	**350**	~	**75**	**250**	**200**	**300**	~	**1000**
CSR Sch 3.1 Part 2 CL Human Health	~	**250000**	**1500**	~	~	~	**50000**	~	~	~	~	**150000**	~
CSR Sch 3.1 Part 2 RLHD Human Health	~	**40000**	**500**	~	~	~	**15000**	~	~	~	~	**35000**	~
CSR Sch 3.1 Part 3 CL Ecological Health	~	~	**40**	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.1 Part 3 RLHD Ecological Health	~	~	**40**	~	~	~	~	~	~	~	~	~	~
Location	**Date**	**Depth (m)**											
BH-9 (Sa5)	1993-12-14	4.6-4.9	-	-	-	**20.2**	35.5	-	-	13.6	**211**	8.6	48.6	-	**11,000**
BH-10 (Sa3)	1993-12-14	4.7-5	-	-	-	1.21	33.9	-	-	<0.25	9.8	4.4	10.5	-	1.7
BH-10 (Sa5)	1993-12-14	6.6-6.9	-	-	-	1.84	159	-	-	<0.25	20.9	9.2	47.6	-	6.8
BH-11(Sa2)	1993-12-14	0.8-1.1	-	-	-	**36.5**	47.5	-	-	**79.9**	**105**	19.3	**12,500**	-	**8700**
BH-11 (Sa3)	1993-12-14	1.2-1.5	-	-	-	1.54	54.5	-	-	0.35	10	3.1	92.5	-	77.9
BH-12 (Sa2)	1993-12-14	0.8-1.1	-	-	-	5.01	34.4	-	-	<0.25	24.5	8	33.4	-	**135**
BH-12 (Sa3)	1993-12-14	1.4-1.7	-	-	-	4.03	150	-	-	0.42	18.7	5.6	55.3	-	**271**
BH-12 (Sa4)	1993-12-14	2-2.3	-	-	-	2.47	98.1	-	-	<0.25	15.7	6.3	15.7	-	14.5
BH-13 (Sa10)	1993-12-14	5.6-5.9	-	-	-	1.95	103	-	-	<0.25	12	5.2	19.5	-	79.7
BH-13 (Sa2)	1993-12-14	0.5-0.8	-	-	-	**12.8**	183	-	-	0.31	16.9	5.3	49.3	-	**132**
BH-13 (Sa3)	1993-12-14	0.9-1.2	-	-	-	1.81	83.2	-	-	<0.25	16.6	6.7	19.7	-	1.4
BH-13 (Sa6)	1993-12-14	2.6-2.9	-	-	-	2.94	76.8	-	-	<0.25	12.2	5.1	16.3	-	52.8
BH-13 (Sa7)	1993-12-14	3.4-3.7	-	-	-	5.05	297	-	-	<0.25	17.8	13.9	287	-	**168**
BH-13 (Sa8)	1993-12-14	4-4.3	-	-	-	6.62	177	-	-	<0.25	13	15.4	79.2	-	52
BH-13 (Sa9)	1993-12-14	4.9-5.2	-	-	-	3.46	63	-	-	<0.25	13.6	4.2	23.1	-	51.6
BH-14 (Sa2)	1993-12-14	0.8-1.1	-	-	-	3.75	286	-	-	0.82	28.9	6.4	154	-	**609**
BH-14 (Sa6)	1993-12-14	4-4.3	-	-	-	7.47	44.3	-	-	0.61	29.1	8.6	63.3	-	85.2
TH-10 (Sa1)	1993-12-14	0	-	-	-	<25	-	-	-	0.5	15	7.6	71.2	-	**203**
TH-10 (Sa2)	1993-12-14	0.7-1.1	-	-	-	<25	-	-	-	<0.1	9.8	4.2	9.7	-	2.1
TH-10 (Sa3)	1993-12-14	1.6-2.1	-	-	-	<25	-	-	-	<0.1	10.1	3.8	7.7	-	1
TH-10 (Sa4)	1993-12-14	2.5-3	-	-	-	<25	-	-	-	<0.1	14.1	5.8	14.5	-	9.1
TH-11 (Sa1)	1993-12-14	0	-	-	-	<25	-	-	-	<0.1	11.1	8	14.4	-	4
TH-11 (Sa2)	1993-12-14	0.7-1.1	-	-	-	<25	-	-	-	<0.1	14.9	6.6	22.6	-	23.6
TH-11 (Sa3)	1993-12-14	1.6-2.1	-	-	-	<25	-	-	-	<0.1	14.6	5.7	14.5	-	8.8
TH-11 (Sa4)	1993-12-14	2.5-3	-	-	-	<25	-	-	-	<0.1	18.3	7.9	22.2	-	61
TP-1 (Sa1)	1994	1.3-1.6	-	-	-	<20	63.9	-	-	<0.25	11.9	6.3	53.5	-	33.9
TP-1 (Sa1)	1994	0.6-0.75	-	-	-	<10	91.2	-	-	14.5	**61.6**	10.1	**3710**	-	**2730**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
BH-9 (Sa5)	1993-12-14	4.6-4.9	-	-	0.27	<4	13.2	<0.5	<1.5	-	-	**456**	-	-	-	**5217**
BH-10 (Sa3)	1993-12-14	4.7-5	-	-	0.009	<4	6.5	<0.5	<1.5	-	-	<1.5	-	-	-	24.1
BH-10 (Sa5)	1993-12-14	6.6-6.9	-	-	0.025	<4	17.5	<0.5	<1.5	-	-	<1.5	-	-	-	65.2
BH-11(Sa2)	1993-12-14	0.8-1.1	-	-	1.77	<4	129	<0.5	<1.5	-	-	**669**	-	-	-	**5750**
BH-11 (Sa3)	1993-12-14	1.2-1.5	-	-	0.009	<4	6.2	<0.5	<1.5	-	-	5.4	-	-	-	**285**
BH-12 (Sa2)	1993-12-14	0.8-1.1	-	-	0.43	<4	17.7	<0.5	<1.5	-	-	7.9	-	-	-	**206**
BH-12 (Sa3)	1993-12-14	1.4-1.7	-	-	0.16	<4	14.1	<0.5	<1.5	-	-	49.7	-	-	-	**234**
BH-12 (Sa4)	1993-12-14	2-2.3	-	-	0.066	<4	11.4	<0.5	<1.5	-	-	<1.5	-	-	-	42.3
BH-13 (Sa10)	1993-12-14	5.6-5.9	-	-	0.029	<4	8.6	<0.5	<1.5	-	-	31.5	-	-	-	37.3
BH-13 (Sa2)	1993-12-14	0.5-0.8	-	-	0.13	<4	13.4	<0.5	<1.5	-	-	<1.5	-	-	-	190
BH-13 (Sa3)	1993-12-14	0.9-1.2	-	-	0.012	<4	11.3	<0.5	<1.5	-	-	<1.5	-	-	-	37.8
BH-13 (Sa6)	1993-12-14	2.6-2.9	-	-	0.12	<4	9	<0.5	<1.5	-	-	4.1	-	-	-	58
BH-13 (Sa7)	1993-12-14	3.4-3.7	-	-	0.12	<4	40.6	<0.5	<1.5	-	-	26.7	-	-	-	36.6
BH-13 (Sa8)	1993-12-14	4-4.3	-	-	0.19	<4	36.6	<0.5	<1.5	-	-	<1.5	-	-	-	80.4
BH-13 (Sa9)	1993-12-14	4.9-5.2	-	-	0.21	<4	9.4	<0.5	<1.5	-	-	13.6	-	-	-	71.4
BH-14 (Sa2)	1993-12-14	0.8-1.1	-	-	0.064	<4	17.5	<0.5	<1.5	-	-	16.8	-	-	-	**425**
BH-14 (Sa6)	1993-12-14	4-4.3	-	-	0.96	<4	24.1	<0.5	<1.5	-	-	6.1	-	-	-	165
TH-10 (Sa1)	1993-12-14	0	-	-	0.13	<5	13.8	-	<1.5	-	-	-	-	-	-	**209**
TH-10 (Sa2)	1993-12-14	0.7-1.1	-	-	0.011	<5	4.6	-	<1.5	-	-	-	-	-	-	142
TH-10 (Sa3)	1993-12-14	1.6-2.1	-	-	0.0025	<5	4.8	-	<1.5	-	-	-	-	-	-	46.2
TH-10 (Sa4)	1993-12-14	2.5-3	-	-	0.018	<5	9.9	-	<1.5	-	-	-	-	-	-	60.6
TH-11 (Sa1)	1993-12-14	0	-	-	0.006	<5	7.6	-	<1.5	-	-	-	-	-	-	51.35
TH-11 (Sa2)	1993-12-14	0.7-1.1	-	-	0.02	<5	11.7	-	<1.5	-	-	-	-	-	-	63.1
TH-11 (Sa3)	1993-12-14	1.6-2.1	-	-	0.023	<5	11.3	-	<1.5	-	-	-	-	-	-	37
TH-11 (Sa4)	1993-12-14	2.5-3	-	-	0.18	<5	13.7	-	<1.5	-	-	-	-	-	-	69.6
TP-1 (Sa1)	1994	1.3-1.6	-	-	0.047	<10	12.2	<3	<1.5	-	-	38.1	-	-	-	80.1
TP-1 (Sa1)	1994	0.6-0.75	-	-	0.35	<10	43.7	**<1.5**	<1.5	-	-	248	-	-	-	**2850**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
TP-1 (Sa2)	1994	5.3-5.5	-	-	-	<20	1300	-	-	3.3	**71.9**	13.4	**500**	-	**1850**
TP-1 (Sa2)	1994	0.75-1.25	-	-	-	<10	289	-	-	0.67	39.1	7	234	-	**572**
TP-4 (Sa1)	1994	0-0.2	-	-	-	<10	174	-	-	0.96	34	8.2	207	-	**305**
TP-4 (Sa2)	1994	0.4-0.8	-	-	-	<10	176	-	-	2.91	52	6.8	**430**	-	**586**
TP-4 (Sa3)	1994	0.8-1.3	-	-	-	<10	59.7	-	-	0.38	14.5	5.1	17.1	-	6.5
TP-5 (Sa1)	1994	0-0.4	-	-	-	<10	193	-	-	0.88	39.8	7.2	49	-	**194**
TP-5 (Sa2)	1994	0.4-0.8	-	-	-	<10	170	-	-	0.73	56.6	7.6	110	-	**230**
TP-5 (Sa3)	1994	0.8-1.2	-	-	-	<10	48.3	-	-	<0.25	13.2	5.2	16.1	-	6.8
TP-5 (Sa4)	1994	1.2-1.6	-	-	-	<10	43.5	-	-	<0.25	11.6	4.6	12.9	-	1.8
TP-5 (Sa5)	1994	1.6-1.9	-	-	-	<10	37.9	-	-	<0.25	8.2	4.2	11.7	-	2.2
TP-5 (Sa6)	1994	1.9-2.2	-	-	-	<10	43.2	-	-	<0.25	10.7	5.3	14.2	-	1.1
TP-6 (Sa1)	1994	0.1-0.2	-	-	-	<10	431	-	-	2.62	57.4	11.7	**514**	-	**2310**
TP-6 (Sa2)	1994	0.2-0.45	-	-	-	<10	96.3	-	-	<0.25	11.3	4.4	38.4	-	53.1
TP-6 (Sa3)	1994	0.45-0.7	-	-	-	<10	63.3	-	-	<0.25	20.3	7.2	106	-	**731**
TP-6 (Sa4)	1994	0.7-1.1	-	-	-	<10	129	-	-	<0.25	11	4.2	17.4	-	41.5
TP-6 (Sa5)	1994	1.2-1.5	-	-	-	<10	50.7	-	-	<0.25	10.7	3.8	7.9	-	3.1
TP-6 (Sa6)	1994	1.5-1.8	-	-	-	<10	60.8	-	-	0.48	37.2	12	83.2	-	**706**
TP-6 (Sa7)	1994	1.8-2.2	-	-	-	<10	124	-	-	<0.25	12.6	5.7	26.7	-	57.3
TP-6 (Sa8)	1994	2.3-2.5	-	-	-	<10	168	-	-	0.48	16.9	-	229	-	**2200**
TH95-15 (0.5-1.2)	1995	0.5-1.2	-	-	-	<30	44	-	-	<0.25	8	4	13	-	3
TH95-16 (3.0-3.5)	1995	3-3.5	-	-	-	<30	97	-	-	<0.25	10	4	31	-	42
TH95-16 (3.6-4.5)	1995	3.6-4.5	-	-	-	<30	16	-	-	<0.25	8	3	42	-	31
TH95-17 (0.5-1.1)	1995	0.5-1.1	-	-	-	**21**	538	-	-	5.6	**326**	**37**	**4500**	-	**1560**
TH95-17 (1.1-1.5)	1995	1.1-1.5	-	-	-	<30	322	-	-	4.5	19	5	**380**	-	**634**
TH95-18 (1.2-1.8)	1995	1.2-1.8	-	-	-	<30	210	-	-	<0.25	14	6	52	-	**2200**
TH95-18 (3.6-4.5)	1995	3.6-4.5	-	-	-	<30	50	-	-	<0.25	19	8	65	-	**566**
TH95-19 (3-3.8)	1995	3-3.8	-	-	-	<30	83	-	-	<0.25	17	7	20	-	2

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
TP-1 (Sa2)	1994	5.3-5.5	-	-	0.55	13.8	75.5	<3	<1.5	-	-	**485**	-	-	-	**1620**
TP-1 (Sa2)	1994	0.75-1.25	-	-	0.13	<10	36.6	<1.5	<1.5	-	-	63	-	-	-	**1010**
TP-4 (Sa1)	1994	0-0.2	-	-	0.096	<10	23.6	<1.5	<1.5	-	-	21	-	-	-	**470**
TP-4 (Sa2)	1994	0.4-0.8	-	-	0.17	<10	25.8	<1.5	<1.5	-	-	15	-	-	-	**8530**
TP-4 (Sa3)	1994	0.8-1.3	-	-	0.015	<10	9.5	<1.5	<1.5	-	-	<10	-	-	-	**320**
TP-5 (Sa1)	1994	0-0.4	-	-	0.066	<10	25	<1.5	<1.5	-	-	<10	-	-	-	**304**
TP-5 (Sa2)	1994	0.4-0.8	-	-	0.043	<10	31.1	<1.5	<1.5	-	-	<10	-	-	-	**315**
TP-5 (Sa3)	1994	0.8-1.2	-	-	0.028	<10	9.2	<1.5	<1.5	-	-	<10	-	-	-	30.9
TP-5 (Sa4)	1994	1.2-1.6	-	-	0.008	<10	8	<1.5	<1.5	-	-	<10	-	-	-	24.8
TP-5 (Sa5)	1994	1.6-1.9	-	-	0.009	<10	6.5	<1.5	<1.5	-	-	<10	-	-	-	24.2
TP-5 (Sa6)	1994	1.9-2.2	-	-	0.013	<10	8.6	<1.5	<1.5	-	-	<10	-	-	-	24.2
TP-6 (Sa1)	1994	0.1-0.2	-	-	0.43	<10	61.4	<1.5	<1.5	-	-	74	-	-	-	**1160**
TP-6 (Sa2)	1994	0.2-0.45	-	-	0.039	<10	8.8	<1.5	<1.5	-	-	<10	-	-	-	**576**
TP-6 (Sa3)	1994	0.45-0.7	-	-	0.18	<10	19.3	<1.5	<1.5	-	-	244	-	-	-	**357**
TP-6 (Sa4)	1994	0.7-1.1	-	-	0.024	<10	7.6	<1.5	<1.5	-	-	10	-	-	-	37.7
TP-6 (Sa5)	1994	1.2-1.5	-	-	0.014	<10	5.9	<1.5	<1.5	-	-	<10	-	-	-	21.1
TP-6 (Sa6)	1994	1.5-1.8	-	-	2.29	<10	39.4	<1.5	<1.5	-	-	65	-	-	-	**376**
TP-6 (Sa7)	1994	1.8-2.2	-	-	1.69	<10	8.9	<1.5	<1.5	-	-	<10	-	-	-	46.5
TP-6 (Sa8)	1994	2.3-2.5	-	-	0.19	<10	40.8	<1.5	<1.5	-	-	**728**	-	-	-	**554**
TH95-15 (0.5-1.2)	1995	0.5-1.2	-	-	0.012	<4	8	<3	<2	-	-	<5	-	-	-	25
TH95-16 (3.0-3.5)	1995	3-3.5	-	-	0.013	<4	8	<3	<2	-	-	<5	-	-	-	130
TH95-16 (3.6-4.5)	1995	3.6-4.5	-	-	0.3	<4	13	<3	<2	-	-	<5	-	-	-	138
TH95-17 (0.5-1.1)	1995	0.5-1.1	-	-	0.79	13	**484**	<3	<2	-	-	**359**	-	-	-	**4970**
TH95-17 (1.1-1.5)	1995	1.1-1.5	-	-	0.057	<4	21	<3	<2	-	-	70	-	-	-	**4820**
TH95-18 (1.2-1.8)	1995	1.2-1.8	-	-	0.1	<4	14	<3	<2	-	-	58	-	-	-	100
TH95-18 (3.6-4.5)	1995	3.6-4.5	-	-	0.34	<4	24	<3	<2	-	-	**535**	-	-	-	197
TH95-19 (3-3.8)	1995	3-3.8	-	-	0.014	<4	13	<3	<2	-	-	<5	-	-	-	35

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
TH95-19 (3.8-4.9)	1995	3.8-4.9		-	-	-	<30	12	-	-	<0.25	7	3	235	-	56
TH95-20 (3.2-4.2)	1995	3.2-4.2		-	-	-	<30	63	-	-	<0.25	7	4	26	-	106
TH95-21 (0.9-1.5)	1995	0.9-1.5		-	-	-	<30	89	-	-	<0.25	15	7	52	-	**517**
TH95-21 (2.3-2.8)	1995	2.3-2.8		-	-	-	<30	53	-	-	<0.25	19	7	54	-	87
TH95-21 (3.3-3.9)	1995	3.3-3.9		-	-	-	<30	117	-	-	<0.25	11	5	26	-	61
TH95-21 (3.9-4.5)	1995	3.9-4.5		-	-	-	<30	35	-	-	<0.25	15	6	37	-	30
TH95-21 (4.5-5.2)	1995	4.5-5.2		-	-	-	<30	19	-	-	0.39	24	10	49	-	70
TH95-22 (3.6-4.1)	1995	3.6-4.1		-	-	-	<30	29	-	-	<0.25	26	10	89	-	**237**
TH95-23 (0.7-1.0)	1995	0.7-1		-	-	-	**13**	113	-	-	<0.25	26	11	238	-	**1610**
TH95-23 (2.2-3.0)	1995	2.2-3		-	-	-	**28**	25	-	-	1.1	42	14	154	-	**2550**
TH95-23 (3-3.3)	1995	3-3.3		-	-	-	<30	20	-	-	0.47	25	7	129	-	**827**
TH95-24 (0.5-1.0)	1995	0.5-1		-	-	-	**29**	69	-	-	0.81	**72**	18	**19,100**	-	**3260**
TH95-24 (3.0-3.6)	1995	3-3.6		-	-	-	<30	21	-	-	<0.25	13	6	23	-	28
TH95-25 (1.5-2.4)	1995	1.5-2.4		-	-	-	<30	18	-	-	0.46	5	1	131	-	8
TH95-25 (2.4-3.0)	1995	2.4-3		-	-	-	**12**	4.8	-	-	1.1	14	11	44	-	**1730**
TH95-25 (3.0-4.0)	1995	3-4		-	-	-	<30	23	-	-	0.95	55	10	174	-	**504**
TH95-25 (4.2-4.5)	1995	4.2-4.5		-	-	-	<30	82	-	-	<0.25	33	14	46	-	10
TH95-26 (1.5-2.2)	1995	1.5-2.2		-	-	-	<30	71	-	-	<0.25	12	7	21	-	12
TH95-26 (2.2-2.7)	1995	2.2-2.7		-	-	-	<30	161	-	-	<0.25	15	5	58	-	**353**
TH95-26 (3.9-4.2)	1995	3.9-4.2		-	-	-	<30	11	-	-	<0.25	12	5	29	-	73
TH95-26 (3-3.9)	1995	3-3.9		-	-	-	<30	66	-	-	<0.25	12	7	27	-	13
TH95-27 (0.9-1.5)	1995	0.9-1.5		-	-	-	**14**	121	-	-	0.27	37	10	212	-	**2000**
TH95-27 (1.8-2.4)	1995	1.8-2.4		-	-	-	<30	132	-	-	<0.25	15	6	30	-	34
TH95-27 (2.4-3.0)	1995	2.4-3		-	-	-	<30	41	-	-	<0.25	9	4	52	-	100
TH95-27 (3.3-4.2)	1995	3.3-4.2		-	-	-	<30	155	-	-	<0.25	18	9	52	-	**124**
TH95-28 (0.9-1.5)	1995	0.9-1.5		-	-	-	<30	463	-	-	<0.25	23	12	131	-	**645**
TH95-28 (2.2-3.0)	1995	2.2-3		-	-	-	<10	28	-	-	<0.25	24	9	137	-	**557**

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
TH95-19 (3.8-4.9)	1995	3.8-4.9	-	-	0.26	9	8	<3	<2	-	-	8	-	-	-	**251**
TH95-20 (3.2-4.2)	1995	3.2-4.2	-	-	0.2	<4	10	<3	<2	-	-	12	-	-	-	62
TH95-21 (0.9-1.5)	1995	0.9-1.5	-	-	0.1	<4	14	<3	<2	-	-	257	-	-	-	112
TH95-21 (2.3-2.8)	1995	2.3-2.8	-	-	0.047	<4	17	<3	<2	-	-	13	-	-	-	84
TH95-21 (3.3-3.9)	1995	3.3-3.9	-	-	0.093	<4	10	<3	<2	-	-	<5	-	-	-	44
TH95-21 (3.9-4.5)	1995	3.9-4.5	-	-	0.15	<4	10	<3	<2	-	-	<5	-	-	-	84
TH95-21 (4.5-5.2)	1995	4.5-5.2	-	-	0.39	<4	29	<3	<2	-	-	<5	-	-	-	**277**
TH95-22 (3.6-4.1)	1995	3.6-4.1	-	-	0.56	<4	19	<3	<2	-	-	121	-	-	-	162
TH95-23 (0.7-1.0)	1995	0.7-1	-	-	0.12	<4	34	<3	<2	-	-	**1080**	-	-	-	**258**
TH95-23 (2.2-3.0)	1995	2.2-3	-	-	0.79	<4	37	<3	<2	-	-	152	-	-	-	**1260**
TH95-23 (3-3.3)	1995	3-3.3	-	-	0.97	<4	21	<3	<2	-	-	202	-	-	-	**359**
TH95-24 (0.5-1.0)	1995	0.5-1	-	-	0.11	<4	46	<3	<2	-	-	**1680**	-	-	-	**2920**
TH95-24 (3.0-3.6)	1995	3-3.6	-	-	0.14	<4	13	<3	<2	-	-	38	-	-	-	57
TH95-25 (1.5-2.4)	1995	1.5-2.4	-	-	0.007	<4	3	<3	<2	-	-	19	-	-	-	189
TH95-25 (2.4-3.0)	1995	2.4-3	-	-	0.37	<4	19	<3	<2	-	-	33	-	-	-	39
TH95-25 (3.0-4.0)	1995	3-4	-	-	0.14	<4	20	<3	<2	-	-	196	-	-	-	**7920**
TH95-25 (4.2-4.5)	1995	4.2-4.5	-	-	0.027	<4	29	<3	<2	-	-	<5	-	-	-	71
TH95-26 (1.5-2.2)	1995	1.5-2.2	-	-	0.03	<4	11	<3	<2	-	-	<5	-	-	-	35
TH95-26 (2.2-2.7)	1995	2.2-2.7	-	-	0.7	<4	9	<3	<2	-	-	**336**	-	-	-	**201**
TH95-26 (3.9-4.2)	1995	3.9-4.2	-	-	0.19	<4	12	<3	<2	-	-	35	-	-	-	132
TH95-26 (3-3.9)	1995	3-3.9	-	-	0.094	<4	10	<3	<2	-	-	94	-	-	-	55
TH95-27 (0.9-1.5)	1995	0.9-1.5	-	-	0.23	<4	37	<3	<2	-	-	**349**	-	-	-	**527**
TH95-27 (1.8-2.4)	1995	1.8-2.4	-	-	0.15	<4	12	<3	<2	-	-	5	-	-	-	68
TH95-27 (2.4-3.0)	1995	2.4-3	-	-	0.38	<4	12	<3	<2	-	-	6	-	-	-	128
TH95-27 (3.3-4.2)	1995	3.3-4.2	-	-	0.21	<4	21	<3	<2	-	-	30	-	-	-	82
TH95-28 (0.9-1.5)	1995	0.9-1.5	-	-	0.037	<4	38	<3	<2	-	-	239	-	-	-	125
TH95-28 (2.2-3.0)	1995	2.2-3	-	-	0.11	<4	27	<3	<2	-	-	183	-	-	-	**337**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
TH95-28 (3-3.7)	1995	3-3.7	-	-	-	<30	23	-	-	<0.25	16	7	175	-	**419**
TH95-28 (4.5-5.2)	1995	4.5-5.2	-	-	-	<30	56	-	-	<0.25	36	11	274	-	**2090**
TH95-29 (1.2-1.5)	1995	1.2-1.5	-	-	-	<30	266	-	-	<0.25	17	6	42	-	**127**
TH95-30 (1.5-2.2)	1995	1.5-2.2	-	-	-	<30	108	-	-	0.31	27	8	284	-	**1370**
TH95-30 (2.2-3.0)	1995	2.2-3	-	-	-	<30	32	-	-	<0.25	13	6	86	-	**193**
TH95-30 (4.0-4.4)	1995	4-4.4	-	-	-	<30	59	-	-	<0.25	9	8	20	-	12
TH95-31 (2.7-3.0)	1995	2.7-3	-	-	-	**13**	13	-	-	<0.25	30	12	181	-	**1610**
TH95-31 (4-4.6)	1995	4-4.6	-	-	-	<30	25	-	-	<0.25	<2	<1	14	-	36
TH95-32 (1.5-2.2)	1995	1.5-2.2	-	-	-	<30	193	-	-	0.58	22	8	97	-	**501**
TH95-32 (3.0-3.9)	1995	3-3.9	-	-	-	<30	37	-	-	<0.25	16	8	48	-	**141**
TH95-35 (1.1-1.5)	1995	1.1-1.5	-	-	-	**11**	108	-	-	<0.25	27	10	**667**	-	**1640**
TH95-35 (2.2-3.0)	1995	2.2-3	-	-	-	<30	197	-	-	<0.25	13	6	237	-	**920**
TH95-37 (1.7-2.2)	1995	1.7-2.2	-	-	-	<30	64	-	-	<0.25	17	9	80	-	**127**
TH95-37 (2.3-3.0)	1995	2.3-3	-	-	-	<30	65	-	-	<0.25	13	6	60	-	**309**
TH95-37 (3.9-4.5)	1995	3.9-4.5	-	-	-	<30	73	-	-	<0.25	20	7	57	-	**186**
TH95-38 (0.8-1.5)	1995	0.8-1.5	-	-	-	<30	183	-	-	<0.25	22	10	107	-	**222**
TH95-38 (4-4.3)	1995	4-4.3	-	-	-	<30	121	-	-	<0.25	18	5	49	-	**312**
TH95-40 (0-0.8)	1995	0-0.8	-	-	-	<30	38	-	-	<0.25	8	4	12	-	1
TH95-45 (0.15-0.3)	1995	0.15-3	-	-	-	<30	104	-	-	0.27	19	7	163	-	**226**
TH95-45 (4.1-4.5)	1995	4.1-4.5	-	-	-	<30	25	-	-	<0.25	4	2	37	-	7
TH95-46 (0-0.4)	1995	0-0.4	-	-	-	**36**	254	-	-	<0.25	21	6	34	-	39
TH95-47 (1.5-2.2)	1995	1.5-2.2	-	-	-	**18**	329	-	-	0.39	28	14	195	-	**1090**
TH95-47 (2.3-3)	1995	2.3-3	-	-	-	<10	211	-	-	<0.25	29	11	211	-	**1180**
TH95-47 (4-4.7)	1995	4-4.7	-	-	-	<30	61	-	-	<0.25	27	11	104	-	**282**
TH95-48 (0.3-0.6)	1995	0.3-0.6	-	-	-	**234**	211	-	-	4.4	**127**	**28**	**2860**	-	**2210**
TH95-51 (0.9-1.5)	1995	0.9-1.5	-	-	-	<10	126	-	-	2.4	38	10	**751**	-	**753**
TH95-52 (0.1-0.6)	1995	0.1-0.6	-	-	-	<10	129	-	-	0.54	28	9	195	-	**1360**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
TH95-28 (3-3.7)	1995	3-3.7	-	-	0.27	<4	19	<3	<2	-	-	185	-	-	-	196
TH95-28 (4.5-5.2)	1995	4.5-5.2	-	-	0.24	<4	56	<3	3	-	-	**1140**	-	-	-	**533**
TH95-29 (1.2-1.5)	1995	1.2-1.5	-	-	0.021	<4	24	<3	<2	-	-	8	-	-	-	39
TH95-30 (1.5-2.2)	1995	1.5-2.2	-	-	0.24	<4	19	<3	3	-	-	237	-	-	-	**825**
TH95-30 (2.2-3.0)	1995	2.2-3	-	-	0.28	<4	14	<3	<2	-	-	75	-	-	-	167
TH95-30 (4.0-4.4)	1995	4-4.4	-	-	0.069	<4	10	<3	<2	-	-	<5	-	-	-	56
TH95-31 (2.7-3.0)	1995	2.7-3	-	-	0.91	<4	24	<3	<2	-	-	**1570**	-	-	-	**1030**
TH95-31 (4-4.6)	1995	4-4.6	-	-	0.069	6	4	<3	<2	-	-	52	-	-	-	**1110**
TH95-32 (1.5-2.2)	1995	1.5-2.2	-	-	6.3	<4	25	<3	<2	-	-	69	-	-	-	184
TH95-32 (3.0-3.9)	1995	3-3.9	-	-	0.1	<4	22	<3	<2	-	-	17	-	-	-	80
TH95-35 (1.1-1.5)	1995	1.1-1.5	-	-	0.089	<4	27	<3	13	-	-	**923**	-	-	-	**288**
TH95-35 (2.2-3.0)	1995	2.2-3	-	-	0.042	<4	16	<3	<2	-	-	125	-	-	-	186
TH95-37 (1.7-2.2)	1995	1.7-2.2	-	-	0.11	<4	22	<3	<2	-	-	280	-	-	-	72
TH95-37 (2.3-3.0)	1995	2.3-3	-	-	0.33	<4	12	<3	<2	-	-	55	-	-	-	99
TH95-37 (3.9-4.5)	1995	3.9-4.5	-	-	0.95	<4	20	<3	<2	-	-	75	-	-	-	104
TH95-38 (0.8-1.5)	1995	0.8-1.5	-	-	0.032	<4	33	<3	<2	-	-	64	-	-	-	76
TH95-38 (4-4.3)	1995	4-4.3	-	-	0.082	<4	18	<3	<2	-	-	23	-	-	-	**203**
TH95-40 (0-0.8)	1995	0-0.8	-	-	0.008	<4	6	<3	<2	-	-	<5	-	-	-	23
TH95-45 (0.15-0.3)	1995	0.15-3	-	-	0.039	<4	25	<3	<2	-	-	8	-	-	-	**312**
TH95-45 (4.1-4.5)	1995	4.1-4.5	-	-	0.031	<4	3	<3	<2	-	-	39	-	-	-	25
TH95-46 (0-0.4)	1995	0-0.4	-	-	0.041	<4	15	<3	<2	-	-	<5	-	-	-	56
TH95-47 (1.5-2.2)	1995	1.5-2.2	-	-	0.015	<4	47	<3	<2	-	-	**1000**	-	-	-	**1510**
TH95-47 (2.3-3)	1995	2.3-3	-	-	0.041	<4	49	<3	<2	-	-	**481**	-	-	-	**252**
TH95-47 (4-4.7)	1995	4-4.7	-	-	0.33	<4	36	<3	<2	-	-	39	-	-	-	127
TH95-48 (0.3-0.6)	1995	0.3-0.6	-	-	1.3	8	173	<3	<2	-	-	298	-	-	-	**4430**
TH95-51 (0.9-1.5)	1995	0.9-1.5	-	-	0.95	<4	45	<3	<2	-	-	85	-	-	-	**1270**
TH95-52 (0.1-0.6)	1995	0.1-0.6	-	-	0.51	<4	29	<3	<2	-	-	259	-	-	-	**666**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
TH95-54 (1.5-2.1)	1995	1.5-2.1	-	-	-	<30	421	-	-	<0.25	22	10	50	-	80
TH95-54 (2.3-2.6)	1995	2.3-2.6	-	-	-	<30	175	-	-	<0.25	17	4	23	-	**208**
TH95-54 (3-4)	1995	3-4	-	-	-	<30	35	-	-	<0.25	5	<1	8	-	30
TH95-55 (0.5-1.5)	1995	0.5-1.5	-	-	-	<30	129	-	-	<0.25	18	8	82	-	**393**
TH95-55 (3-4)	1995	3-4	-	-	-	<30	25	-	-	<0.25	23	7	39	-	**470**
TH95-56 (0-0.5)	1995	0-0.5	-	-	-	<30	293	-	-	0.83	27	7	**365**	-	**1350**
TH95-56 (1.5-2.3)	1995	1.5-2.3	-	-	-	<30	150	-	-	0.31	16	6	57	-	**186**
TH95-56 (3.6-4)	1995	3.6-4	-	-	-	<30	69	-	-	<0.25	15	11	29	-	3
TH95-57 (1-2)	1995	1-2	-	-	-	<30	163	-	-	4.6	17	6	193	-	**138**
TH95-57 (3-4)	1995	3-4	-	-	-	<30	174	-	-	<0.25	23	11	43	-	**121**
TH95-58 (0.6-1.2)	1995	0.6-1.2	-	-	-	<30	71	-	-	<0.25	17	6	27	-	**133**
TH95-58 (1.5-2.2)	1995	1.5-2.2	-	-	-	<30	30	-	-	<0.25	19	6	36	-	**166**
TH95-58 (4.5-5.4)	1995	4.5-5.4	-	-	-	<30	65	-	-	<0.25	20	7	123	-	**199**
TH95-59 (4-5)	1995	4-5	-	-	-	**180**	51	-	-	0.47	**63**	**37**	**375**	-	**209**
TH95-61 (2.4-3)	1995	2.4-3	-	-	-	<30	42	-	-	<0.25	24	7	161	-	**519**
TH95-61 (3-4)	1995	3-4	-	-	-	<30	16	-	-	0.43	12	5	46	-	99
TH95-62 (0.3-0.6)	1995	0.3-0.6	-	-	-	<30	177	-	-	0.8	**77**	9	157	-	**320**
TH95-62 (0.8-1.5)	1995	0.8-1.5	-	-	-	<30	65	-	-	<0.25	16	7	20	-	1
TH95-62 (2-2.3)	1995	2-2.3	-	-	-	<30	25	-	-	<0.25	6	2	17	-	**1210**
TH95-62 (3-3.9)	1995	3-3.9	-	-	-	<30	24	-	-	<0.25	16	7	98	-	**678**
TH95-63 (0.9-1.5)	1995	0.9-1.5	-	-	-	<30	24	-	-	<0.25	16	7	59	-	**124**
TH95-63 (1.5-2.1)	1995	1.5-2.1	-	-	-	<30	135	-	-	<0.25	12	4	39	-	**412**
TH95-63 (3-3.8)	1995	3-3.8	-	-	-	<30	95	-	-	<0.25	11	5	213	-	38
TH95-64 (2.3-3)	1995	2.3-3	-	-	-	<30	33	-	-	<0.25	7	7	294	-	**132**
TH95-64 (3-4)	1995	3-4	-	-	-	<30	20	-	-	<0.25	33	10	207	-	**1220**
TH95-64 (4.7-5.7)	1995	4.7-5.7	-	-	-	<30	41	-	-	0.64	26	9	55	-	**362**
TH95-65 (3.3-4.3)	1995	3.3-4.3	-	-	-	<30	73	-	-	1.9	23	13	81	-	71

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
TH95-54 (1.5-2.1)	1995	1.5-2.1	-	-	2.1	<4	32	<3	<2	-	-	98	-	-	-	52
TH95-54 (2.3-2.6)	1995	2.3-2.6	-	-	0.093	<4	11	<3	<2	-	-	13	-	-	-	85
TH95-54 (3-4)	1995	3-4	-	-	0.045	<4	4	<3	<2	-	-	12	-	-	-	36
TH95-55 (0.5-1.5)	1995	0.5-1.5	-	-	0.046	<4	30	<3	<2	-	-	83	-	-	-	110
TH95-55 (3-4)	1995	3-4	-	-	0.56	<4	15	<3	<2	-	-	128	-	-	-	**550**
TH95-56 (0-0.5)	1995	0-0.5	-	-	0.017	<4	24	<3	<2	-	-	224	-	-	-	**492**
TH95-56 (1.5-2.3)	1995	1.5-2.3	-	-	0.14	<4	15	<3	<2	-	-	39	-	-	-	150
TH95-56 (3.6-4)	1995	3.6-4	-	-	0.039	<4	10	<3	<2	-	-	<5	-	-	-	65
TH95-57 (1-2)	1995	1-2	-	-	0.13	<4	17	<3	<2	-	-	13	-	-	-	46
TH95-57 (3-4)	1995	3-4	-	-	0.12	<4	14	<3	<2	-	-	17	-	-	-	104
TH95-58 (0.6-1.2)	1995	0.6-1.2	-	-	0.14	<4	15	<3	<2	-	-	12	-	-	-	66
TH95-58 (1.5-2.2)	1995	1.5-2.2	-	-	0.083	<4	16	<3	<2	-	-	30	-	-	-	79
TH95-58 (4.5-5.4)	1995	4.5-5.4	-	-	0.26	<4	26	<3	<2	-	-	39	-	-	-	120
TH95-59 (4-5)	1995	4-5	-	-	0.38	<4	81	<3	<2	-	-	**474**	-	-	-	**3560**
TH95-61 (2.4-3)	1995	2.4-3	-	-	0.062	<4	22	<3	<2	-	-	122	-	-	-	195
TH95-61 (3-4)	1995	3-4	-	-	0.27	<4	12	<3	<2	-	-	21	-	-	-	**355**
TH95-62 (0.3-0.6)	1995	0.3-0.6	-	-	0.097	<4	41	<3	<2	-	-	17	-	-	-	**361**
TH95-62 (0.8-1.5)	1995	0.8-1.5	-	-	0.017	<4	12	<3	<2	-	-	<5	-	-	-	34
TH95-62 (2-2.3)	1995	2-2.3	-	-	0.18	<4	6	<3	<2	-	-	11	-	-	-	59
TH95-62 (3-3.9)	1995	3-3.9	-	-	0.26	<4	18	<3	<2	-	-	212	-	-	-	120
TH95-63 (0.9-1.5)	1995	0.9-1.5	-	-	0.43	<4	19	<3	<2	-	-	18	-	-	-	89
TH95-63 (1.5-2.1)	1995	1.5-2.1	-	-	0.72	8	16	<3	<2	-	-	30	-	-	-	**201**
TH95-63 (3-3.8)	1995	3-3.8	-	-	0.1	<4	8	<3	<2	-	-	5	-	-	-	36
TH95-64 (2.3-3)	1995	2.3-3	-	-	0.17	<4	15	<3	<2	-	-	6	-	-	-	46
TH95-64 (3-4)	1995	3-4	-	-	1.5	<4	39	<3	<2	-	-	**485**	-	-	-	**498**
TH95-64 (4.7-5.7)	1995	4.7-5.7	-	-	1.5	<4	25	<3	<2	-	-	85	-	-	-	**288**
TH95-65 (3.3-4.3)	1995	3.3-4.3	-	-	0.1	<4	39	<3	<2	-	-	**690**	-	-	-	**1220**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
TH95-65 (4.5-5)	1995	4.5-5	-	-	-	**50**	131	-	-	<0.25	38	22	137	-	110
TH95-65 (5.2-5.5)	1995	5.2-5.5	-	-	-	**<30**	101	-	-	<0.25	36	11	86	-	**142**
TH95-66 (3.4-4.2)	1995	3.4-4.2	-	-	-	**<30**	95	-	-	0.43	26	8	105	-	**1410**
TH95-66 (4.5-5.5)	1995	4.5-5.5	-	-	-	**40**	217	-	-	0.43	43	11	191	-	**1820**
TH95-67 (0.3-0.75)	1995	0.3-0.75	-	-	-	**<30**	98	-	-	0.79	11	5	134	-	**669**
TH95-68 (1.2-1.5)	1995	1.2-1.5	-	-	-	**<30**	430	-	-	0.26	**487**	19	**435**	-	**209**
TH95-69 (0.8-1.2)	1995	0.8-1.2	-	-	-	**<30**	185	-	-	0.27	21	7	81	-	**321**
TH95-70 (0.4-0.7)	1995	0.4-0.7	-	-	-	**90**	373	-	-	6.3	**90**	19	**1280**	-	**3540**
TH95-71 (0.3-0.6)	1995	0.3-0.6	-	-	-	**<30**	720	-	-	4.9	**107**	20	**5930**	-	**2010**
TH95-72 (0.3-0.7)	1995	0.3-0.7	-	-	-	**<30**	451	-	-	3.5	31	8	**2480**	-	**2730**
TH95-73 (0-0.5)	1995	0-0.5	-	-	-	**<30**	132	-	-	1.8	9	3	22	-	**326**
TH95-73 (0.5-1)	1995	0.5-1	-	-	-	**<30**	255	-	-	2.6	**302**	18	**3810**	-	**1150**
TH95-74 (0.2-0.9)	1995	0.2-0.9	-	-	-	**<30**	203	-	-	10	**133**	8	**670**	-	**1330**
TH95-75 (4.2-4.8)	1995	4.2-4.8	-	-	-	**<30**	14	-	-	0.39	**200**	6	119	-	**8400**
TH95-76 (3.6-4.5)	1995	3.6-4.5	-	-	-	**<30**	86	-	-	0.41	7	3	16	-	24
HYMW98-3 (0.3)	1998-09-23	0.3	-	-	<20	3.6	195	<0.5	-	<0.1	21	7	61	-	94
HYMW98-3 (1.3)	1998-09-23	1.3	-	-	<20	5.2	226	1	-	<0.1	48	12	58	-	<50
HYMW98-3 (1.3)-FD	1998-09-23	1.3	-	-	<20	5.8	232	1	-	<0.1	48	12	58	-	<50
MW98-1(Sa1) (HY)	1998-09-22	0.3	-	-	<20	5	212	<0.5	-	0.2	19	5	64	-	**595**
MW98-1(Sa3) (HY)	1998-09-22	2.3	-	-	<20	5.6	154	0.7	-	<0.1	49	8	26	-	80
MW98-1(Sa4) (HY)	1998-09-22	3.1	-	-	<20	4.6	96	0.5	-	<0.1	28	**30**	45	-	<50
MW98-2(Sa2) (HY)	1998-09-22	1.4	-	-	<40	**27**	730	1	-	0.3	**60**	11	156	-	**529**
MW98-2(Sa2-FD) (HY)	1998-09-22	1.4	-	-	<40	**40**	970	2	-	0.5	**75**	14	136	-	**429**
MW98-2(Sa3) (HY)	1998-09-22	2.3	-	-	<20	2.2	54	<0.5	-	<0.1	28	5	11	-	<50
HYBH98-4 (1.3)	1998-09-22	1.3	-	-	**61**	**12.7**	377	1	-	13.7	54	14	**3400**	-	**3230**
HYBH98-4 (2.1)	1998-09-22	2.1	-	-	<20	**22**	385	1	-	6.5	**89**	12	**447**	-	**800**
HYBH98-4 (3.1)	1998-09-22	3.1	-	-	<40	4.7	118	<1	-	<0.1	48	8	44	-	<100

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
TH95-65 (4.5-5)	1995	4.5-5	-	-	0.19	<4	63	<3	<2	-	-	**1140**	-	-	-	**2010**
TH95-65 (5.2-5.5)	1995	5.2-5.5	-	-	0.45	<4	33	<3	<2	-	-	15	-	-	-	**394**
TH95-66 (3.4-4.2)	1995	3.4-4.2	-	-	0.36	<4	26	<3	<2	-	-	**340**	-	-	-	**399**
TH95-66 (4.5-5.5)	1995	4.5-5.5	-	-	1.1	<4	31	<3	<2	-	-	**1210**	-	-	-	**599**
TH95-67 (0.3-0.75)	1995	0.3-0.75	-	-	0.11	<4	11	<3	<2	-	-	7	-	-	-	**1110**
TH95-68 (1.2-1.5)	1995	1.2-1.5	-	-	0.97	21	83	<3	<2	-	-	15	-	-	-	**1400**
TH95-69 (0.8-1.2)	1995	0.8-1.2	-	-	1.3	<4	16	<3	<2	-	-	82	-	-	-	**412**
TH95-70 (0.4-0.7)	1995	0.4-0.7	-	-	1.1	<4	102	<3	<2	-	-	35	-	-	-	**2660**
TH95-71 (0.3-0.6)	1995	0.3-0.6	-	-	5.6	7	149	<3	<2	-	-	180	-	-	-	**4870**
TH95-72 (0.3-0.7)	1995	0.3-0.7	-	-	0.83	<4	40	<3	<2	-	-	158	-	-	-	**6400**
TH95-73 (0-0.5)	1995	0-0.5	-	-	0.1	<4	5	<3	<2	-	-	6	-	-	-	77
TH95-73 (0.5-1)	1995	0.5-1	-	-	0.12	12	**560**	<3	<2	-	-	**5110**	-	-	-	**2120**
TH95-74 (0.2-0.9)	1995	0.2-0.9	-	-	0.13	15	67	<3	<2	-	-	37	-	-	-	**34,800**
TH95-75 (4.2-4.8)	1995	4.2-4.8	-	-	0.26	<4	17	<3	<2	-	-	**320**	-	-	-	**315**
TH95-76 (3.6-4.5)	1995	3.6-4.5	-	-	0.15	7	6	<3	<2	-	-	8	-	-	-	58
HYMW98-3 (0.3)	1998-09-23	0.3	-	-	0.095	<4	33	<0.1	<2	-	-	22	-	-	59	**267**
HYMW98-3 (1.3)	1998-09-23	1.3	-	-	0.115	<4	34	0.6	<2	-	-	<10	-	-	102	94
HYMW98-3 (1.3)-FD	1998-09-23	1.3	-	-	0.1	<4	35	0.8	<2	-	-	<10	-	-	99	96
MW98-1(Sa1) (HY)	1998-09-22	0.3	-	-	0.217	<4	13	<0.1	<2	-	-	194	-	-	50	159
MW98-1(Sa3) (HY)	1998-09-22	2.3	-	-	0.129	<4	26	0.2	<2	-	-	<10	-	-	71	83
MW98-1(Sa4) (HY)	1998-09-22	3.1	-	-	0.029	<4	25	0.2	<2	-	-	<10	-	-	93	73
MW98-2(Sa2) (HY)	1998-09-22	1.4	-	-	1.8	<8	27	0.3	<4	-	-	116	-	-	91	**473**
MW98-2(Sa2-FD) (HY)	1998-09-22	1.4	-	-	2.21	<8	40	0.3	<4	-	-	218	-	-	103	**518**
MW98-2(Sa3) (HY)	1998-09-22	2.3	-	-	0.022	<4	18	<0.1	<2	-	-	<10	-	-	58	56
HYBH98-4 (1.3)	1998-09-22	1.3	-	-	5.17	4	68	0.7	2	-	-	**323**	-	-	78	**6190**
HYBH98-4 (2.1)	1998-09-22	2.1	-	-	2.68	<4	63	0.7	<2	-	-	148	-	-	91	**3930**
HYBH98-4 (3.1)	1998-09-22	3.1	-	-	0.098	<8	33	0.9	<4	-	-	22	-	-	70	163

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals											
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**													
HYBH98-5 (1.3)	1998-09-22	1.3	-	-	**50**	7.2	1170	1	-	0.7	**68**	16	**582**	-	**2130**
HYBH98-5 (4.3)	1998-09-22	4.3	-	-	<40	7.6	234	<1	-	0.4	43	9	141	-	**238**
HYBH98-5 (5.6)	1998-09-22	5.6	-	-	<20	0.9	36	<0.5	-	<0.1	14	4	11	-	<50
HYBH98-6 (0.6)	1998-09-23	0.6	-	-	<20	1.8	143	<0.5	-	0.5	20	6	18	-	<50
HYBH98-6 (1.1)	1998-09-23	1.1	-	-	<20	4.7	176	<0.5	-	0.2	42	10	32	-	<50
HYBH98-6 (1.1)-FD	1998-09-23	1.1	-	-	<20	4.8	164	0.6	-	0.4	50	10	30	-	<50
HYBH98-7 (0.6)	1998-09-23	0.6	-	-	<60	**50**	627	<2	-	3.2	**79**	21	**890**	-	**1800**
HYBH98-7 (2)	1998-09-23	2	-	-	<20	4	103	<0.5	-	<0.1	31	5	30	-	84
HYBH98-7 (2.6)	1998-09-23	2.6	-	-	<20	2.9	199	0.6	-	<0.1	28	12	50	-	<50
HYBH98-8 (1.1)	1998-09-23	1.1	-	-	<40	**34**	674	1	-	1.4	48	13	175	-	**1680**
HYBH98-8 (1.1)-FD	1998-09-23	1.1	-	-	<20	**36**	620	0.9	-	1.7	40	10	132	-	**1230**
HYBH98-8 (3)	1998-09-23	3	-	-	<20	4.4	83	0.5	-	<0.1	46	9	23	-	<50
HYBH98-9 (1.3)	1998-09-23	1.3	-	-	<20	1.8	56	<0.5	-	0.3	15	4	16	-	<50
HYBH98-9 (4)	1998-09-23	4	-	-	<20	**11**	136	0.6	-	0.4	49	12	60	-	83
HYBH98-10 (1.3)	1998-09-23	1.3	-	-	<20	2.2	58	<0.5	-	<0.1	17	5	17	-	<50
HYBH98-10 (3.6)	1998-09-23	3.6	-	-	<40	**13**	144	<1	-	0.1	52	12	56	-	**149**
HYBH98-10 (4.7)	1998-09-23	4.7	-	-	<20	3.6	105	0.5	-	<0.1	50	13	37	-	<50
HYBH98-11 (0.6)	1998-09-23	0.6	-	-	<20	9	571	<0.5	-	0.6	32	8	201	-	**601**
HYBH98-11 (2.3)	1998-09-23	2.3	-	-	<20	2.1	98	<0.5	-	<0.1	19	7	20	-	<50
HYBH98-12 (0.6)	1998-09-23	0.6	-	-	**110**	**64**	393	<1	-	11.6	**98**	**31**	**3790**	-	**4070**
HYBH98-12 (2.5)	1998-09-23	2.5	-	-	<40	**10.4**	460	<1	-	0.3	30	8	209	-	**353**
HYBH98-12 (3)	1998-09-23	3	-	-	<20	2.7	166	0.6	-	<0.1	45	4	30	-	<50
MW99-1	1999-11-17	0-0.6	-	-	**402**	**13**	389	<0.5	-	2.2	34	10	**2340**	-	**12,900**
MW99-1	1999-11-17	1.5-2.1	-	-	<20	<5	166	<0.5	-	<0.5	33	12	42	-	<50
MW99-2	1999-11-17	0.6-1.2	-	-	32	7	272	0.7	-	0.5	28	10	**1690**	-	**870**
MW99-2	1999-11-17	1.5-2.1	-	-	**261**	**23**	356	<0.5	-	2.3	30	5	**6550**	-	**6990**
MW99-3	1999-11-17	0.6-1.2	-	-	**5890**	**55**	226	<0.5	-	10.1	**99**	13	**12,500**	-	**25,400**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
HYBH98-5 (1.3)	1998-09-22	1.3	-	-	0.928	<8	106	0.3	<4	-	-	**406**	-	-	166	**695**
HYBH98-5 (4.3)	1998-09-22	4.3	-	-	0.908	<8	30	0.6	<4	-	-	34	-	-	64	**325**
HYBH98-5 (5.6)	1998-09-22	5.6	-	-	<0.005	<4	6	<0.1	<2	-	-	<10	-	-	51	26
HYBH98-6 (0.6)	1998-09-23	0.6	-	-	0.079	<4	22	0.9	<2	-	-	<10	-	-	49	**5060**
HYBH98-6 (1.1)	1998-09-23	1.1	-	-	0.043	<4	26	0.2	<2	-	-	<10	-	-	87	**1380**
HYBH98-6 (1.1)-FD	1998-09-23	1.1	-	-	0.041	<4	30	0.2	<2	-	-	<10	-	-	90	**1410**
HYBH98-7 (0.6)	1998-09-23	0.6	-	-	0.823	<20	105	0.4	<6	-	-	76	-	-	51	**4560**
HYBH98-7 (2)	1998-09-23	2	-	-	0.03	<4	18	0.3	<2	-	-	<10	-	-	62	77
HYBH98-7 (2.6)	1998-09-23	2.6	-	-	0.025	<4	18	<0.1	<2	-	-	<10	-	-	90	80
HYBH98-8 (1.1)	1998-09-23	1.1	-	-	5.18	<8	38	0.3	<4	-	-	**358**	-	-	82	**1120**
HYBH98-8 (1.1)-FD	1998-09-23	1.1	-	-	1.15	<4	31	0.4	<2	-	-	235	-	-	80	**1320**
HYBH98-8 (3)	1998-09-23	3	-	-	0.023	<4	27	0.2	<2	-	-	<10	-	-	103	66
HYBH98-9 (1.3)	1998-09-23	1.3	-	-	0.019	<4	8	<0.1	<2	-	-	<10	-	-	53	113
HYBH98-9 (4)	1998-09-23	4	-	-	0.691	<4	36	0.5	<2	-	-	18	-	-	84	150
HYBH98-10 (1.3)	1998-09-23	1.3	-	-	0.02	<4	10	<0.1	<2	-	-	<10	-	-	55	50
HYBH98-10 (3.6)	1998-09-23	3.6	-	-	0.035	<8	25	0.1	<4	-	-	53	-	-	130	157
HYBH98-10 (4.7)	1998-09-23	4.7	-	-	0.038	<4	26	<0.1	<2	-	-	<10	-	-	95	68
HYBH98-11 (0.6)	1998-09-23	0.6	-	-	0.344	<4	23	0.5	<2	-	-	153	-	-	66	**531**
HYBH98-11 (2.3)	1998-09-23	2.3	-	-	0.024	<4	9	<0.1	<2	-	-	<10	-	-	74	45
HYBH98-12 (0.6)	1998-09-23	0.6	-	-	2.09	20	101	0.5	<4	-	-	**1230**	-	-	59	**4160**
HYBH98-12 (2.5)	1998-09-23	2.5	-	-	0.692	<8	35	0.3	<4	-	-	71	-	-	53	**1020**
HYBH98-12 (3)	1998-09-23	3	-	-	0.079	6	16	0.9	<2	-	-	<10	-	-	55	46
MW99-1	1999-11-17	0-0.6	-	-	0.253	<4	46	<2	<2	-	-	**350**	-	-	64	-
MW99-1	1999-11-17	1.5-2.1	-	-	0.07	<4	26	<2	<2	-	-	<10	-	-	97	-
MW99-2	1999-11-17	0.6-1.2	-	-	0.222	9	38	<2	<2	-	-	118	-	-	86	-
MW99-2	1999-11-17	1.5-2.1	-	-	0.198	<4	46	<2	<2	-	-	**460**	-	-	48	-
MW99-3	1999-11-17	0.6-1.2	-	-	0.734	5	182	<2	6	-	-	**10,000**	-	-	41	-

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
MW99-3	1999-11-17	1.2-1.8	-	-	**297**	6	86	<1	-	<0.5	<4	<4	**623**	-	**3140**
MW99-3	1999-11-17	2.1-2.7	-	-	25	5	141	<0.5	-	<0.5	23	9	100	-	**372**
AH99-4	1999-11-17	0-0.6	-	-	**793**	**36**	275	<0.5	-	4.1	35	7	**1950**	-	**35,000**
AH99-5	1999-11-17	0-0.6	-	-	**258**	**16**	396	<0.5	-	1.4	33	8	**1900**	-	**7980**
AH99-5	1999-11-17	1.5-1.8	-	-	<20	<5	211	<0.5	-	<0.5	30	10	151	-	**381**
AH99-6	1999-11-19	0-0.6	-	-	**278**	9	387	<0.5	-	2.3	30	8	**1360**	-	**9180**
AH99-6	1999-11-19	1.5-2.1	-	-	<20	<5	233	<0.5	-	<0.5	20	7	67	-	**222**
AH99-7	1999-11-19	0-0.6	-	-	**418**	**175**	368	<0.5	-	3.7	**209**	9	**1740**	-	**12,700**
AH99-7	1999-11-19	1.5-2.1	-	-	<20	<5	70	<0.5	-	0.8	17	7	188	-	**132**
AH99-8	1999-11-19	1.1-1.7	-	-	**56**	**17**	149	<0.5	-	2.3	8	2	135	-	**225**
AH99-8	1999-11-19	2.1-2.7	-	-	**1500**	**91**	75	<0.5	-	3.2	36	10	**907**	-	**27,100**
BH01M-1	2016-08-06	0.5-1	7.08	-	0.31	5.47	98.3	0.45	-	0.098	38	11.4	26.5	-	5.99
Z01 (Duplicate of BH01M-1)	2016-08-06	0.5-1	7.14	-	0.32	4.73	92.7	0.49	-	0.119	34.2	11.1	26.4	-	7.78
BH02M-1	2016-08-06	0.5-1	6.88	-	<0.1	1.66	55	0.12	-	<0.05	10.2	4.52	13.5	-	2.39
BH03M-1	2016-08-06	0.5-1	5.67	-	0.22	4.35	178	0.29	-	<0.05	21.3	8.37	25.9	-	7.21
BH04M-1	2016-08-08	0.2-0.7	7.84	-	0.43	3.09	94.4	0.18	-	0.075	14.9	5.07	19.5	-	20.3
BH05M-1	2016-08-08	0.5-1	7.39	-	0.13	2.08	60.3	0.12	-	0.056	11.9	3.88	8.74	-	4.92
BH100M-01	2018-05-03	0.7-1.1	8.19	8400	1.83	2.25	52.5	0.16	<5	0.056	11.6	3.75	13.9	11,600	50.3
BH100M-03	2018-05-03	1.8-2.1	7.26	17,100	5.7	3.65	98	0.25	27.6	0.127	13.2	4.53	30.8	16,700	**166**
BH100M-04	2018-05-03	2.6-2.9	6.67	16,100	2.25	3.01	86.5	0.28	29.7	0.121	28	4.31	29.3	13,300	107
BH101M-02	2018-05-03	0.9-1.1	7.63	13,800	**1780**	**95.4**	726	0.53	18.4	12	39.6	14.7	**82,600**	**54,800**	**27,900**
BH101M-03	2018-05-03	1.6-1.9	6.68	18,900	18.6	5.37	91.4	0.29	<5	0.131	31.6	9.32	131	23,700	**600**
BH101M-04	2018-05-03	2.7-3	8.16	26,400	9.39	5.87	141	0.36	<5	0.15	33.2	15.1	267	32,000	**521**
BH101M-06	2018-05-03	4.2-4.2	8.68	8580	4.68	2.21	45.3	0.12	<5	0.076	12.6	4.11	46	14,900	**120**
BH102M-01	2018-05-03	0.6-1.1	8.11	18,300	**144**	5.55	155	0.31	17.8	4.55	17.8	6.35	296	20,900	**2370**
Z100 (Dup of BH102M-01)	2018-05-03	0.6-1.1	8.11	17,700	**548**	9.32	263	0.38	22.9	6.53	18.5	6.24	**363**	19,200	**9860**
BH102M-02	2018-05-03	1.5-1.8	7.76	9430	0.75	1.87	49.9	0.14	<5	0.085	12.7	4.58	15.8	17,000	26.7

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
MW99-3	1999-11-17	1.2-1.8	-	-	0.055	<8	14	<2	<4	-	-	**363**	-	-	12	-
MW99-3	1999-11-17	2.1-2.7	-	-	0.031	<4	18	<2	<2	-	-	37	-	-	83	-
AH99-4	1999-11-17	0-0.6	-	-	0.535	<4	29	<2	5	-	-	**29,800**	-	-	28	-
AH99-5	1999-11-17	0-0.6	-	-	0.425	<4	99	<2	11	-	-	157	-	-	67	-
AH99-5	1999-11-17	1.5-1.8	-	-	0.223	<4	19	<2	<2	-	-	<10	-	-	86	-
AH99-6	1999-11-19	0-0.6	-	-	0.157	<4	36	<2	<2	-	-	174	-	-	68	-
AH99-6	1999-11-19	1.5-2.1	-	-	0.232	<4	16	<2	<2	-	-	18	-	-	58	-
AH99-7	1999-11-19	0-0.6	-	-	0.764	<4	48	<2	<2	-	-	**508**	-	-	62	-
AH99-7	1999-11-19	1.5-2.1	-	-	0.017	<4	16	<2	<2	-	-	<10	-	-	55	-
AH99-8	1999-11-19	1.1-1.7	-	-	0.313	<4	7	<2	<2	-	-	50	-	-	20	-
AH99-8	1999-11-19	2.1-2.7	-	-	0.622	4	16	<2	3	-	-	**961**	-	-	44	-
BH01M-1	2016-08-06	0.5-1	-	-	0.078	1.31	29.6	0.64	<0.1	-	0.084	<2	-	0.755	75.8	45.2
Z01 (Duplicate of BH01M-1)	2016-08-06	0.5-1	-	-	0.076	1.35	25.9	0.6	0.13	-	0.085	<2	-	0.738	74.4	44.3
BH02M-1	2016-08-06	0.5-1	-	-	<0.05	0.31	5.59	<0.2	<0.1	-	0.058	<2	-	0.382	43	22.1
BH03M-1	2016-08-06	0.5-1	-	-	<0.05	0.93	13	0.31	<0.1	-	0.066	<2	-	0.659	82	44
BH04M-1	2016-08-08	0.2-0.7	-	-	0.061	0.57	9.84	<0.2	<0.1	-	0.052	2.4	-	0.514	43.8	40.5
BH05M-1	2016-08-08	0.5-1	-	-	<0.05	0.21	8.63	<0.2	<0.1	-	<0.05	<2	-	0.341	34.5	19.3
BH100M-01	2018-05-03	0.7-1.1	3.8	161	0.0326	0.32	7.39	<0.2	<0.1	53.3	<0.05	<2	<0.5	0.371	33.7	33.7
BH100M-03	2018-05-03	1.8-2.1	7.2	204	0.0739	0.64	9.16	0.4	0.11	71.4	0.063	3.8	<0.5	0.394	45	75.4
BH100M-04	2018-05-03	2.6-2.9	10.7	207	0.171	4.18	12	0.97	0.13	105	0.1	4.8	<0.5	12.8	34.2	51.2
BH101M-02	2018-05-03	0.9-1.1	8.9	661	3.74	4.73	**349**	**1.82**	10.3	107	0.28	**2720**	3.5	0.714	44.2	**31,400**
BH101M-03	2018-05-03	1.6-1.9	11.9	244	0.0239	1.3	18.8	<0.2	<0.1	33.4	0.065	27.3	<0.5	0.717	69.3	103
BH101M-04	2018-05-03	2.7-3	10	722	0.0409	0.84	23.7	<0.2	<0.1	64.6	0.102	12.2	<0.5	0.885	79.9	179
BH101M-06	2018-05-03	4.2-4.2	3.3	193	<0.05	0.32	6.2	<0.2	<0.1	31.3	<0.05	4.9	<0.5	0.457	44.3	39.1
BH102M-01	2018-05-03	0.6-1.1	11.3	250	0.186	0.72	18.9	0.48	0.22	104	0.478	38.9	<0.5	0.532	49.7	**525**
Z100 (Dup of BH102M-01)	2018-05-03	0.6-1.1	12.4	268	0.339	0.71	24.6	0.5	0.48	214	0.366	52.8	<0.5	0.594	48.5	**825**
BH102M-02	2018-05-03	1.5-1.8	3.5	211	0.0092	0.35	6.21	<0.2	<0.1	34.7	<0.05	<2	<0.5	0.438	48.3	29.9

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
BH103M-01	2018-05-03	0.4-0.7		8.16	14,700	**48.1**	**19**	523	0.35	45.8	4.14	47.3	11.5	**523**	**72,900**	**1550**
Z101 (Dup of BH103M-01)	2018-05-03	0.4-0.7		7.95	13,500	0.45	2.74	87.6	0.22	<5	0.053	15.4	5.51	19.1	19,800	16.5
BH103M-03	2018-05-03	1.5-1.8		7.97	13,300	0.28	2.4	77	0.24	<5	0.033	14	5.76	14.2	19,700	7.46
Z102 (Dup of BH103M-03)	2018-05-03	1.5-1.8		7.95	14,600	0.54	2.84	88.6	0.24	<5	0.049	14.9	6.11	18.6	21,200	15.6
BH104M-01	2018-05-04	0.3-0.6		7.54	11,500	38.8	**42.2**	312	0.22	83.8	8.52	**62.3**	12.8	**437**	**137,000**	**1640**
BH104M-03	2018-05-04	1.5-1.8		8.01	14,300	22.8	**17.2**	384	0.36	25.4	2.24	33.5	12.3	246	**83,900**	**893**
Z103 (Dup of BH104M-03)	2018-05-04	1.5-1.8		8.06	13,200	16	**13.8**	321	0.34	24	2.41	31.1	12	148	**63,700**	**532**
BH104M-05	2018-05-04	3-3.5		7.72	10,100	0.26	1.48	23.5	0.14	<5	0.035	13	4.17	13.5	10,900	6.01
BH105M-01	2018-05-04	0.3-0.6		7.79	11,600	9.62	5.7	60.3	0.2	<5	0.315	**63.1**	10.1	52.8	23,400	**557**
BH105M-02	2018-05-04	1.1-1.4		8.63	11,500	16.9	**10.4**	922	0.28	9.9	9.42	**200**	11.8	**827**	**65,700**	**2280**
BH105M-03	2018-05-04	1.5-1.8		7.83	20,900	0.42	2.45	88.6	0.27	<5	0.07	20	7.39	22.7	22,300	14.5
BH105M-06	2018-05-04	5.1-5.4		7.39	18,000	0.34	2.9	58.1	0.3	<5	0.052	38.5	9.5	29.8	25,900	7.25
BH106M-01	2018-05-04	0.3-0.6		8.36	15,300	0.28	4.37	73.7	0.21	<5	0.081	19.3	7.55	22.1	20,800	6.09
BH106M-02	2018-05-04	1-1.3		7.27	11,300	4.64	**17.3**	85.1	0.19	<5	2.52	36.2	9.73	**1000**	**44,400**	**605**
BH106M-04	2018-05-04	2.5-2.8		6.75	9560	0.23	2.24	41.4	0.11	<5	0.186	10.9	3.99	13.4	13,500	3.97
BH107-01	2018-05-04	0.4-0.6		8.55	8830	0.17	2.28	42.9	0.13	<5	0.04	11.7	5	12.1	17,500	2.31
BH107-02	2018-05-04	1-1.3		7.68	11,700	1.25	7.26	76.8	0.19	<5	1.64	20.8	7.45	141	21,700	50
BH107-05	2018-05-04	3-3.3		7.22	12,100	0.6	4.81	76.7	0.18	<5	0.656	12.6	5.33	69.4	16,300	27
Z105 (Dup of BH107-05)	2018-05-04	3-3.3		7.21	11,800	1.31	5.32	66.9	0.17	<5	0.779	14.6	5.39	81.5	17,400	32.5
BH107-06	2018-05-04	4-4.3		7.29	12,100	0.34	3.11	55.2	0.16	<5	0.447	13.2	5.38	41.1	17,600	13.9
BH107-08	2018-05-04	5.6-5.9		7.27	11,900	0.24	2.53	54.7	0.17	<5	0.264	14.1	5.44	31.4	16,700	14.1
BH108-02	2018-05-04	1.2-1.5		6.73	11,600	1.98	9.79	192	0.2	6	1.18	26.2	7.18	196	21,300	**159**
BH108-03	2018-05-04	2.2-2.5		8.08	11,400	1.37	**10.3**	101	0.17	<5	0.551	22.2	6.38	65.4	18,400	72.4
BH109-02	2018-05-04	1-1.3		7.65	13,400	0.28	5.08	57.8	0.21	<5	0.13	27.7	9.7	23.4	22,200	9.24
BH110M-01	2018-05-07	0.3-0.6		8.56	11,900	0.26	3.47	56.4	0.17	<5	0.084	16	7.43	21.1	20,100	3.56
BH110M-02	2018-05-07	1-1.3		8.14	11,200	1.99	7.86	86.8	0.24	<5	2.51	31	8.45	168	27,700	53
BH110M-03	2018-05-07	1.5-1.8		7.65	14,200	0.52	5.14	72.5	0.19	<5	0.547	21.6	6.49	66.6	20,500	11.9

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

	Metals													
	Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL	2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)	**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)	**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)	**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)	**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)	**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)	**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health	**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health	**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health	**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health	**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**												
BH103M-01	2018-05-03	0.4-0.7	11.3	508	1.12	3.9	59.8	**1.85**	0.45	193	0.108	90.6	1.71	0.52	58.1	**2140**
Z101 (Dup of BH103M-01)	2018-05-03	0.4-0.7	4.6	190	0.0185	0.5	7.65	<0.2	<0.1	34.9	<0.05	<2	<0.5	0.533	54.5	39.2
BH103M-03	2018-05-03	1.5-1.8	3.7	206	0.014	0.52	7.01	<0.2	<0.1	31	<0.05	<2	<0.5	0.532	54.6	27.4
Z102 (Dup of BH103M-03)	2018-05-03	1.5-1.8	4.7	213	0.0191	0.54	8.42	<0.2	<0.1	39	<0.05	<2	<0.5	0.497	56.7	50.9
BH104M-01	2018-05-04	0.3-0.6	5.9	801	0.819	7.05	61.4	**1.37**	0.49	50.3	0.136	53.9	4.17	0.463	49	**800**
BH104M-03	2018-05-04	1.5-1.8	11.1	1390	0.448	1.94	34.5	0.46	0.4	210	0.106	83.3	0.72	0.6	74.4	**2280**
Z103 (Dup of BH104M-03)	2018-05-04	1.5-1.8	9.9	1230	0.68	1.79	36.6	0.4	0.72	202	0.098	109	0.68	0.585	65.1	**775**
BH104M-05	2018-05-04	3-3.5	4.4	170	0.0075	0.25	6.73	<0.2	<0.1	28.7	<0.05	<2	<0.5	0.383	53.1	25.8
BH105M-01	2018-05-04	0.3-0.6	8.4	361	0.0336	1.29	68.2	<0.2	<0.1	35.2	0.062	3.3	<0.5	0.29	50.1	93.6
BH105M-02	2018-05-04	1.1-1.4	5.9	819	0.176	15.7	75.8	**6.31**	1.01	84.3	0.067	62	6.83	0.595	47.3	**4690**
BH105M-03	2018-05-04	1.5-1.8	6.2	278	0.021	0.28	13.8	<0.2	<0.1	55.1	0.057	<2	<0.5	0.495	62.4	44.9
BH105M-06	2018-05-04	5.1-5.4	11.4	252	0.0313	0.45	24.6	<0.2	<0.1	31.1	0.066	<2	<0.5	0.631	72.4	50.6
BH106M-01	2018-05-04	0.3-0.6	6.6	350	0.0209	0.44	15.2	<0.2	<0.1	58.4	0.058	<2	<0.5	0.489	54.8	43.6
BH106M-02	2018-05-04	1-1.3	6.8	457	0.854	2.41	48.4	0.76	1.79	41	0.091	10.7	<0.5	0.335	44	**365**
BH106M-04	2018-05-04	2.5-2.8	3.9	177	0.0083	0.18	7.41	<0.2	<0.1	22.1	<0.05	<2	<0.5	0.257	39.9	52.9
BH107-01	2018-05-04	0.4-0.6	4.3	266	0.0126	0.34	7.83	<0.2	<0.1	31.6	<0.05	<2	<0.5	0.344	40.3	27.8
BH107-02	2018-05-04	1-1.3	7.1	319	0.267	0.77	22.6	<0.2	0.25	36.5	0.064	3	<0.5	0.427	48.4	**223**
BH107-05	2018-05-04	3-3.3	5.1	247	0.105	0.44	10	<0.2	0.12	68.3	0.054	<2	<0.5	0.321	41.1	128
Z105 (Dup of BH107-05)	2018-05-04	3-3.3	5	246	0.116	0.53	10.3	<0.2	0.13	33.7	0.052	2.2	<0.5	0.354	45.6	137
BH107-06	2018-05-04	4-4.3	5.7	236	0.0462	0.33	9.33	<0.2	<0.1	32.9	<0.05	<2	<0.5	0.439	45.7	124
BH107-08	2018-05-04	5.6-5.9	4.9	221	0.0296	0.24	9.36	<0.2	<0.1	25.4	<0.05	<2	<0.5	0.323	47	66
BH108-02	2018-05-04	1.2-1.5	6.3	302	0.222	0.92	23.8	<0.2	0.43	65.4	0.056	11.7	<0.5	0.444	49	**222**
BH108-03	2018-05-04	2.2-2.5	6.2	258	0.202	0.55	18.5	<0.2	<0.1	47	<0.05	6.3	<0.5	0.375	42.4	161
BH109-02	2018-05-04	1-1.3	8.5	429	0.0207	1.2	59.8	<0.2	<0.1	37.5	0.067	<2	<0.5	0.45	50.7	47.5
BH110M-01	2018-05-07	0.3-0.6	6.2	343	0.0166	0.37	13.2	<0.2	<0.1	50.5	<0.05	<2	<0.5	0.351	53.6	40.6
BH110M-02	2018-05-07	1-1.3	9.7	399	0.173	2.12	27.6	<0.2	0.26	45.4	0.095	3.4	<0.5	0.593	49.4	**456**
BH110M-03	2018-05-07	1.5-1.8	5.9	294	0.0352	0.37	12.6	<0.2	<0.1	41.3	0.058	<2	<0.5	0.415	56.5	101

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			Metals											
			pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
			pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health			**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health			**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health			**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health			**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**													
BH111-01	2018-05-07	0.3-0.6	8.45	15,300	1.12	5.28	74.9	0.24	<5	0.271	35	11.9	30	26,600	12.1
BH111-02	2018-05-07	1.2-1.5	7.33	14,200	0.76	3.9	81.2	0.19	<5	0.157	17.7	7.09	25.5	21,900	29.8
BH112-01	2018-05-07	0.4-0.7	8.07	11,100	0.49	4.85	70.8	0.21	<5	0.159	19.1	8.03	19	18,300	18.5
BH112-03	2018-05-07	1.5-1.8	7.87	11,700	0.37	2.08	56.6	0.16	<5	0.065	18.7	6.54	19.7	18,900	6.92
BH113-01	2018-05-07	0.6-0.9	8.23	13,500	0.55	5.69	84.6	0.2	<5	0.105	17.8	8.75	19.1	18,900	23.5
BH114-02	2018-05-07	0.8-1.1	7.54	11,000	0.4	4	63.3	0.18	<5	0.115	19.5	6.77	22.6	18,600	10.6
BH115-01	2018-05-07	0.4-0.7	7.03	13,200	0.44	2.92	76.2	0.18	<5	0.092	18.8	6.56	21.9	19,200	7.24
BH115-02	2018-05-07	1.2-1.5	7.2	10,100	0.17	1.86	45.1	0.14	<5	0.048	13.3	4.89	12.4	16,100	2.31
Z106 (Dup of BH115-02)	2018-05-07	1.2-1.5	7.24	9850	0.16	1.83	44.7	0.13	<5	0.055	13.7	4.88	12.7	15,600	2.44
BH115-04	2018-05-07	2.5-2.8	7.15	19,600	0.22	2.51	84.4	0.27	<5	0.056	22.3	8.25	24.1	23,800	3.4
BH116-02	2018-05-07	1.2-1.5	7.39	11,300	1.3	4.35	83.4	0.16	<5	0.743	16	7.04	52.8	19,400	38.4
BH116-03	2018-05-07	1.7-2	6.99	10,000	0.25	1.74	48.5	0.13	<5	0.11	11.4	4.24	13.9	13,800	4.26
BH117-02	2018-05-07	0.7-1	6.56	11,800	0.48	2.48	56.2	0.14	<5	0.301	12.6	5.51	26.3	15,200	6.41
BH118-01	2018-05-07	0.5-0.8	7.87	16,000	1.2	6.03	92.9	0.22	<5	1.05	24.9	10.4	51.4	25,300	57.3
BH118-02	2018-05-07	1.1-1.4	7.18	15,300	0.43	2.66	65.5	0.18	<5	0.602	16	6.39	20.6	19,000	5.96
BH118-03	2018-05-07	1.6-1.9	7.07	14,400	0.2	2.08	55.1	0.17	<5	0.243	14.7	5.64	16.3	17,400	2.83
BH119M-01	2018-05-07	0.4-0.7	7.85	12,900	0.28	4.08	74.7	0.21	<5	0.087	15.7	6.47	19.2	18,300	9.87
BH119M-02	2018-05-07	0.9-1.2	8.09	19,700	0.58	**192**	218	0.3	8.1	0.156	22.8	8.41	35.1	20,500	33.5
BH119M-03	2018-05-07	1.7-2	9.38	31,300	1.72	**16.4**	1110	0.91	112	0.303	**96.9**	11.4	138	33,900	**134**
BH119M-04	2018-05-07	2.6-2.9	8.01	15,300	2.72	5.11	233	0.27	22.1	0.111	15.9	5.34	21.2	17,300	92.2
BH119M-05	2018-05-07	3-3.3	8.3	17,100	0.86	3.61	152	0.31	11.2	0.071	16.1	7.36	30.8	19,800	89.1
BH119M-07	2018-05-07	6-6.3	8.7	17,900	0.48	**13.1**	61.6	0.47	19.2	0.381	37.3	12.3	30.9	32,500	12.5
BH120M-01	2018-05-07	0.1-0.4	8.33	13,500	0.78	4.16	156	0.24	7	0.142	16.4	6.95	32.6	19,900	56.7
BH120M-02	2018-05-07	1.1-1.4	8.04	9690	0.89	2	48.2	0.14	<5	0.058	11.1	4.25	13.5	13,300	6.81
BH120M-03	2018-05-07	2.2-2.5	8.15	22,000	2.26	**10.6**	582	0.65	53.8	0.157	23.7	7.61	86.7	20,400	93.6
BH120M-06	2018-05-07	3.9-4.2	8.55	11,400	1.78	6.07	249	0.25	15.3	0.29	14.9	5.53	40.3	17,200	**175**
BH120M-07	2018-05-07	5.7-6	8.43	16,700	0.48	**12.5**	55.6	0.44	13.6	0.42	35.9	11.7	31.8	30,900	14.6

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
BH111-01	2018-05-07	0.3-0.6	11.7	508	0.0421	0.61	62.7	<0.2	<0.1	37.9	0.068	<2	<0.5	0.365	57	77.4
BH111-02	2018-05-07	1.2-1.5	6.4	271	0.0363	0.39	16.8	<0.2	<0.1	31.6	0.056	3.1	<0.5	0.402	54.2	94.6
BH112-01	2018-05-07	0.4-0.7	7.7	332	0.039	0.44	21.3	<0.2	<0.1	34.2	0.06	<2	<0.5	0.286	44.7	185
BH112-03	2018-05-07	1.5-1.8	5.5	273	0.0173	0.25	12.4	<0.2	<0.1	42.9	0.054	<2	<0.5	0.386	53.9	42
BH113-01	2018-05-07	0.6-0.9	8.3	320	0.0234	0.46	12.3	<0.2	<0.1	39.1	0.092	<2	<0.5	0.332	49.6	67.8
BH114-02	2018-05-07	0.8-1.1	6.1	290	0.0245	0.44	23.8	<0.2	<0.1	27.8	<0.05	<2	<0.5	0.325	49	44.9
BH115-01	2018-05-07	0.4-0.7	5.6	302	0.0187	0.31	19.1	<0.2	<0.1	29.3	0.052	<2	<0.5	0.362	51.1	41
BH115-02	2018-05-07	1.2-1.5	4.4	220	0.0076	0.17	9	<0.2	<0.1	36.4	<0.05	<2	<0.5	0.341	49	25.7
Z106 (Dup of BH115-02)	2018-05-07	1.2-1.5	4.2	217	0.0077	0.16	10.3	<0.2	<0.1	35.9	<0.05	<2	<0.5	0.334	46.5	24.6
BH115-04	2018-05-07	2.5-2.8	6.5	304	0.0162	0.3	14.2	<0.2	<0.1	53.6	0.066	<2	<0.5	0.538	65.6	38.8
BH116-02	2018-05-07	1.2-1.5	5.6	289	0.0501	0.77	23.9	<0.2	0.13	25.8	0.08	<2	<0.5	0.314	46.3	136
BH116-03	2018-05-07	1.7-2	4.4	199	0.0074	0.22	8	<0.2	<0.1	30.1	<0.05	<2	<0.5	0.242	41.3	28.4
BH117-02	2018-05-07	0.7-1	5.5	238	0.019	0.4	12.5	<0.2	<0.1	20.1	0.056	<2	<0.5	0.242	41.2	90.1
BH118-01	2018-05-07	0.5-0.8	11.5	489	0.0386	0.71	41.7	<0.2	0.14	57.6	0.064	3.6	<0.5	0.379	57.2	**224**
BH118-02	2018-05-07	1.1-1.4	6.4	282	0.0243	0.36	14.3	<0.2	<0.1	35.5	0.055	<2	<0.5	0.372	53.6	102
BH118-03	2018-05-07	1.6-1.9	5.5	300	0.0147	0.31	10.3	<0.2	<0.1	35.8	<0.05	<2	<0.5	0.31	48.8	55.7
BH119M-01	2018-05-07	0.4-0.7	6.4	298	0.016	0.36	12.7	<0.2	<0.1	48.2	0.052	2.1	<0.5	0.362	50.3	41.6
BH119M-02	2018-05-07	0.9-1.2	10.4	344	0.0675	0.76	19.9	<0.2	<0.1	150	0.051	4.8	<0.5	0.478	61.4	68.9
BH119M-03	2018-05-07	1.7-2	23.5	429	0.0967	3.45	56.5	0.45	0.37	1140	0.137	150	<0.5	1.14	103	171
BH119M-04	2018-05-07	2.6-2.9	19.2	186	0.16	1.56	12.1	0.29	0.14	146	0.057	12.4	<0.5	0.496	47.9	63.1
BH119M-05	2018-05-07	3-3.3	10.9	301	0.0582	1.09	10.1	<0.2	<0.1	66.7	0.069	35.9	<0.5	0.357	52.5	86.5
BH119M-07	2018-05-07	6-6.3	23.2	354	0.0563	4.19	36.3	0.58	0.15	60.2	0.163	<2	<0.5	3.5	58.2	76.3
BH120M-01	2018-05-07	0.1-0.4	8	293	0.0396	0.55	15.1	<0.2	<0.1	82.1	0.051	12.1	<0.5	0.501	54.4	69.8
BH120M-02	2018-05-07	1.1-1.4	4.3	180	0.0118	0.23	7.26	<0.2	<0.1	37.5	<0.05	<2	<0.5	0.296	42.1	26.8
BH120M-03	2018-05-07	2.2-2.5	16.4	299	0.252	1.35	30.8	0.23	0.28	543	0.148	21	<0.5	0.661	73.9	122
BH120M-06	2018-05-07	3.9-4.2	7.1	234	0.074	0.84	14	<0.2	0.17	116	0.061	44.4	<0.5	0.432	41.9	181
BH120M-07	2018-05-07	5.7-6	22.2	319	0.0664	3.83	35.3	0.59	0.16	47.8	0.165	<2	<0.5	3.69	54.8	74.9

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
BH121M-01	2018-05-08	0.4-0.7		7.9	31,200	1.01	**22.8**	429	1.23	57.9	0.211	22.5	9.52	41.9	**39,200**	24
BH121M-02	2018-05-08	1.1-1.4		8.3	10,700	0.41	2.17	73.2	0.13	<5	0.071	12.3	5.16	16.4	15,700	17
BH121M-04	2018-05-08	2.6-2.9		7.48	13,400	2.12	4.53	90.7	0.25	9	0.155	18.3	5.45	52.9	19,100	**250**
Z108 (Dup of BH121M-04)	2018-05-08	2.6-2.9		7.58	13,100	2.65	3.79	85.8	0.25	8.7	0.138	19.1	5.03	51.4	15,500	**237**
BH121M-05	2018-05-08	3.7-4		8.04	14,300	5.59	8.29	185	0.28	26	0.148	18.3	7.14	100	22,700	**275**
BH121M-06	2018-05-08	6.4-6.7		8.22	21,100	0.53	9.51	65.4	0.51	20.9	0.607	41.4	13.6	40.6	34,000	11.9
BH122M-01	2018-05-08	0.3-0.6		7.95	12,700	0.71	2.9	82	0.19	<5	0.122	17.4	5.92	29.3	17,500	32.3
BH122M-04	2018-05-08	2.5-2.8		7.19	10,600	0.16	1.69	46.5	0.14	<5	0.043	11.4	4.7	12.4	14,900	2.68
BH122M-06	2018-05-08	5.4-5.7		7.23	10,600	0.1	1.48	44	0.12	<5	0.04	12.8	4.61	12.3	15,300	1.75
BH123M-01	2018-05-08	0.3-0.6		7.27	16,200	0.63	3.61	53.2	0.22	<5	0.166	19	7.92	26.6	21,500	18.8
BH123M-02	2018-05-08	1.1-1.4		8.03	9230	0.47	3.11	49.8	0.15	<5	0.261	10.4	5.33	15.3	14,100	21
BH123M-04	2018-05-08	2.5-2.8		8.19	14,100	0.36	6.69	52.4	0.31	8.8	0.273	26.1	8.81	27.7	25,200	12.5
BH124M-01	2018-05-09	0.3-0.6		7.89	11,400	0.14	2.07	53.4	0.15	<5	0.049	11.9	5.79	14.2	16,800	3.34
BH124M-02	2018-05-09	1.2-1.5		7.81	12,200	0.17	2.15	54.1	0.15	<5	0.045	12.3	5.44	15.6	17,000	3.06
BH124M-06	2018-05-09	4.2-4.5		6.74	14,400	0.23	1.96	67.9	0.2	<5	0.058	17.2	6.11	19.6	18,800	4.92
BH125M-01	2018-05-09	0.3-0.6		7.84	22,000	0.21	3.38	97.6	0.29	<5	0.059	21.5	10	33.5	26,500	5.48
BH125M-02	2018-05-09	1.1-1.4		7.45	11,500	1.09	7.65	80.6	0.15	<5	0.168	16.4	5.33	40.2	17,000	59.2
BH125M-04	2018-05-09	2-2.3		7.64	11,400	0.27	2.4	61.1	0.15	<5	0.061	11.8	5.33	18.2	14,700	10.6
BH125M-05	2018-05-09	3-3.3		7.57	10,500	0.22	1.92	55	0.13	<5	0.055	13.2	4.36	17.3	15,300	7.24
BH125M-06	2018-05-10	4.5-4.8		8.13	25,500	0.29	2.44	106	0.37	7.8	0.052	23.7	8.8	45.7	27,900	8.72
BH126-02	2018-05-09	1.2-1.5		7.54	14,200	0.6	3.3	84.8	0.18	<5	0.208	15	6.88	23	19,500	25
BH127-02	2018-05-09	1.2-1.5		6.64	10,200	0.4	2.1	41.6	0.13	<5	0.077	14.5	5.17	13.7	16,200	4.39
BH128-01	2018-05-09	0.3-0.6		6.57	13,000	0.65	2.11	60.6	0.18	<5	0.062	16.4	5.84	16.9	16,500	11.7
Z110 (Dup of BH128-01)	2018-05-09	0.3-0.6		6.1	12,800	0.49	2.28	61.6	0.18	<5	0.07	33.6	5.88	17.3	17,600	11.4
BH128-04	2018-05-09	3.3-3.5		7.33	15,500	0.34	3.26	83.8	0.23	<5	0.088	21.5	8.38	27.7	22,200	7.66
BH128-05	2018-05-09	4.2-4.5		5.88	14,600	0.22	2.24	67.3	0.21	<5	0.058	17.7	6.91	19.1	19,600	4
BH129M-01	2018-05-09	0.3-0.6		8.15	17,700	1.32	4.63	100	0.25	<5	0.201	18.5	9.58	33.1	21,100	57.4

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
BH121M-01	2018-05-08	0.4-0.7	15.2	548	0.0481	1.11	28.7	0.23	0.13	249	0.103	<2	<0.5	1.21	80.9	130	
BH121M-02	2018-05-08	1.1-1.4	5	212	0.0166	0.25	9.56	<0.2	<0.1	38	<0.05	2.7	<0.5	0.335	47.7	51.5	
BH121M-04	2018-05-08	2.6-2.9	8	177	0.149	1.23	17.9	0.35	0.35	91.8	0.076	28.6	<0.5	0.592	47.1	**166**	
Z108 (Dup of BH121M-04)	2018-05-08	2.6-2.9	7.6	152	0.148	0.67	17.6	0.47	0.35	83.3	0.064	20.8	<0.5	0.624	44.7	**158**	
BH121M-05	2018-05-08	3.7-4	8	298	0.0582	1.06	24.3	<0.2	0.38	146	<0.05	94.7	<0.5	0.564	49.5	172	
BH121M-06	2018-05-08	6.4-6.7	23.4	386	0.0601	7.38	43.1	0.81	0.2	54.8	0.208	<2	<0.5	4.2	68.1	78.1	
BH122M-01	2018-05-08	0.3-0.6	6.2	266	0.0395	0.45	13.3	<0.2	<0.1	42.3	0.052	5	<0.5	0.424	50.4	58	
BH122M-04	2018-05-08	2.5-2.8	4.6	224	0.0097	0.23	8.5	<0.2	<0.1	34.5	<0.05	<2	<0.5	0.32	43.5	26	
BH122M-06	2018-05-08	5.4-5.7	4.3	181	0.0083	0.16	8.74	<0.2	<0.1	27.5	<0.05	<2	<0.5	0.287	47.4	24.1	
BH123M-01	2018-05-08	0.3-0.6	12.8	300	0.0203	0.9	10.2	<0.2	<0.1	33.8	0.07	<2	<0.5	0.821	57.8	44.3	
BH123M-02	2018-05-08	1.1-1.4	7.9	275	0.0199	0.32	10.4	<0.2	<0.1	43	0.051	<2	<0.5	0.317	36.8	58	
BH123M-04	2018-05-08	2.5-2.8	14.4	272	0.0954	3.87	24	0.4	0.16	65.9	0.151	<2	<0.5	2.02	50.6	60.8	
BH124M-01	2018-05-09	0.3-0.6	5	246	0.0098	0.22	9.05	<0.2	<0.1	31.6	<0.05	<2	<0.5	0.304	48	28.2	
BH124M-02	2018-05-09	1.2-1.5	5.1	253	0.01	0.39	9.65	<0.2	<0.1	34.1	<0.05	<2	<0.5	0.336	46.4	32.7	
BH124M-06	2018-05-09	4.2-4.5	5.9	257	0.0157	0.21	11	<0.2	<0.1	40.7	0.052	<2	<0.5	0.402	55.9	33.9	
BH125M-01	2018-05-09	0.3-0.6	8.6	536	0.0149	0.47	15.6	<0.2	<0.1	54.8	0.083	<2	<0.5	0.561	70.6	54	
BH125M-02	2018-05-09	1.1-1.4	5.5	235	0.0335	0.48	11.1	<0.2	0.16	39.2	<0.05	4.5	<0.5	0.371	48.6	63.9	
BH125M-04	2018-05-09	2-2.3	4.9	192	0.0128	0.36	8.97	<0.2	<0.1	30.5	<0.05	<2	<0.5	0.428	42.9	30.4	
BH125M-05	2018-05-09	3-3.3	4.3	181	0.0104	0.29	8.57	<0.2	<0.1	29.1	<0.05	<2	<0.5	0.312	47.7	28.6	
BH125M-06	2018-05-10	4.5-4.8	13.4	424	0.0248	0.4	16.7	<0.2	<0.1	40.6	0.066	<2	<0.5	0.74	83.8	77	
BH126-02	2018-05-09	1.2-1.5	7.3	312	0.0318	0.42	14.7	<0.2	<0.1	83.3	0.057	<2	<0.5	0.391	53.2	68.6	
BH127-02	2018-05-09	1.2-1.5	4.5	221	0.0084	0.39	7.87	<0.2	<0.1	39.6	<0.05	<2	<0.5	0.3	45.3	27.3	
BH128-01	2018-05-09	0.3-0.6	5.8	273	0.0173	0.41	10.1	<0.2	<0.1	38.9	0.051	<2	<0.5	0.4	49.8	30.3	
Z110 (Dup of BH128-01)	2018-05-09	0.3-0.6	5.7	250	0.0195	0.45	10.8	<0.2	<0.1	36	<0.05	<2	<0.5	0.402	51.3	30.4	
BH128-04	2018-05-09	3.3-3.5	7.4	301	0.0228	0.37	17.4	<0.2	<0.1	50.7	0.073	<2	<0.5	0.455	60.2	46.8	
BH128-05	2018-05-09	4.2-4.5	6.1	271	0.0122	0.24	12.3	<0.2	<0.1	41	<0.05	<2	<0.5	0.41	53.1	35.2	
BH129M-01	2018-05-09	0.3-0.6	9.6	354	0.03	0.7	12.8	<0.2	<0.1	50.3	0.081	<2	<0.5	0.392	55.9	90.4	

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			Metals											
			pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
			pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health			**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health			**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health			**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health			**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**													
Z111 (Dup of BH129M-01)	2018-05-09	0.3-0.6	8	15,800	1.49	3.67	69.4	0.27	<5	0.145	17.9	8.12	28	18,500	66.9
BH129M-02	2018-05-09	1.1-1.4	7.76	14,600	0.28	3.89	69.4	0.23	<5	0.083	15	7.98	20.8	18,900	6.97
BH129M-04	2018-05-09	2.7-3	7.99	12,700	0.41	3.2	91.4	0.19	<5	0.1	13	6.17	20.7	18,500	20.9
BH129M-06	2018-05-09	4.8-5.1	8.34	22,400	0.57	5.05	61.9	0.37	6.6	0.123	42	14.8	47	30,200	11.5
BH130M-02	2018-05-10	1.1-1.4	8.29	10,800	0.46	3.92	90.5	0.16	<5	0.227	17.7	5.87	33.1	16,200	74.4
BH131M-02	2018-05-10	1.2-1.5	8.76	9160	2.39	2.48	80.9	0.16	<5	0.139	11.3	4.9	23.7	13,900	57.2
BH131M-04	2018-05-10	2.7-3	7.73	11,200	0.23	1.83	42.8	0.15	<5	0.051	12.3	4.85	14	14,900	3.28
BH131M-06	2018-05-10	4-4.3	6.74	14,100	0.22	5.3	35.7	0.21	7.2	0.123	21.2	6.76	17.9	22,300	8.2
BH132-02	2018-05-10	1-1.3	7.62	17,500	0.26	3.11	93.5	0.26	<5	0.114	22.2	7.82	24.6	21,400	12.4
BH132-06	2018-05-10	5.4-5.7	7.1	9310	0.12	1.87	34.8	0.12	<5	0.039	10	4.49	10.8	12,500	2.36
BH133-02	2018-05-10	1.2-1.5	7.47	12,800	0.33	2.62	74.6	0.19	<5	0.095	20.3	6.55	23.2	19,100	22.8
BH134M-02	2018-05-10	1-1.3	7.47	12,600	0.34	2.47	63.6	0.18	<5	0.1	16.8	6.16	23.8	17,000	31.9
BH134M-04	2018-05-10	2.5-2.8	7.4	11,900	0.2	1.89	56.8	0.17	<5	0.069	13.1	5.64	21.6	15,900	17.4
BH135-01	2018-05-10	0.3-0.6	7.46	12,700	3.2	5.05	126	0.19	<5	0.459	31.5	9.1	70.9	25,100	**188**
BH135-02	2018-05-10	1.2-1.5	8.19	14,500	10.8	5.92	225	0.23	6.6	0.637	45.7	8.46	154	27,700	**389**
BH135-03	2018-05-10	1.6-1.9	6.17	11,600	0.24	2.46	63.9	0.18	<5	0.054	13.9	5.79	15	17,300	10.4
BH135-05	2018-05-10	3-3.3	7.84	15,800	0.96	4.65	219	0.22	30.7	0.14	18.4	6.6	32.1	20,400	**214**
BH135-06	2018-05-10	4.2-4.5	7.8	12,900	0.63	2.99	148	0.16	13.3	0.072	18.5	6.35	23.9	19,200	70.9
BH135-07	2018-05-10	5.5-5.8	8.62	23,500	0.43	5.31	65.1	0.39	5.8	0.075	35.9	12.9	26.9	25,300	5.33
BH136-01	2018-05-10	0.2-0.5	8.04	15,300	0.92	5.45	159	0.22	13.7	0.296	31.1	8.12	63.4	26,300	69.1
BH136-02	2018-05-10	1.2-1.5	7.94	19,800	0.26	4.7	92.7	0.28	<5	0.108	24.9	9.8	35.3	24,600	6.24
BH139-01	2018-05-15	0.2-0.5	8.1	16,500	0.42	**11.2**	67.2	0.22	<5	0.188	19.9	7.79	22.2	20,500	5.7
BH139-02	2018-05-15	1.2-1.5	8.15	13,900	1.8	9.14	405	0.32	48.7	0.404	44.1	7.53	91.3	28,300	**147**
BH139-03	2018-05-15	2.2-2.5	8.01	11,300	0.25	1.99	58.3	0.15	<5	0.086	16.7	5.25	39.2	15,700	7.1
BH139-04	2018-05-15	3.5-3.8	7.71	10,800	0.22	1.66	47.7	0.15	<5	0.053	16.2	4.63	14.9	14,600	4.01
BH139-05	2018-05-15	5.6-5.9	8.26	19,600	0.36	6.88	61.2	0.22	6.8	0.067	38.2	10.7	24.5	23,300	4.99
BH140-01	2018-05-15	0.2-0.5	7.47	21,800	0.49	6.67	105	0.29	<5	0.106	25.7	11.1	24.5	25,000	16.2

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
Z111 (Dup of BH129M-01)	2018-05-09	0.3-0.6	7.8	308	0.0252	0.77	11.8	<0.2	<0.1	37	0.068	<2	<0.5	0.448	47.3	69.1
BH129M-02	2018-05-09	1.1-1.4	7.5	307	0.0159	0.46	10.8	<0.2	<0.1	37.3	0.072	<2	<0.5	0.402	48.9	48.4
BH129M-04	2018-05-09	2.7-3	5.6	283	0.085	0.68	9.71	<0.2	<0.1	43.9	0.058	<2	<0.5	0.459	42.9	58.1
BH129M-06	2018-05-09	4.8-5.1	12.4	333	0.0385	2.98	30.2	<0.2	<0.1	46.5	0.096	<2	<0.5	1.29	93.8	65.1
BH130M-02	2018-05-10	1.1-1.4	7.8	278	0.269	0.39	14.9	<0.2	<0.1	78	0.056	2.3	<0.5	0.315	41	89.2
BH131M-02	2018-05-10	1.2-1.5	5	281	0.0242	0.37	8.1	<0.2	<0.1	52.6	<0.05	<2	<0.5	0.374	40.9	72
BH131M-04	2018-05-10	2.7-3	5.2	197	0.01	0.18	9.15	<0.2	<0.1	29	<0.05	<2	<0.5	0.281	40.8	26.3
BH131M-06	2018-05-10	4-4.3	18.9	225	0.0297	1.61	17.8	<0.2	<0.1	31.4	0.074	2.1	<0.5	0.994	47.5	44.8
BH132-02	2018-05-10	1-1.3	8.7	321	0.0235	1.19	16.4	<0.2	<0.1	36.2	0.083	<2	<0.5	0.332	57.2	49.6
BH132-06	2018-05-10	5.4-5.7	4.4	185	0.0111	0.2	7.09	<0.2	<0.1	25.6	<0.05	<2	<0.5	0.321	36	22.6
BH133-02	2018-05-10	1.2-1.5	7.1	324	0.0203	0.52	12.9	<0.2	<0.1	36.9	0.058	<2	<0.5	0.338	51	47.7
BH134M-02	2018-05-10	1-1.3	6.6	288	0.0219	0.39	12.4	<0.2	<0.1	30.5	<0.05	<2	<0.5	0.338	45.3	42.6
BH134M-04	2018-05-10	2.5-2.8	5.5	257	0.0111	0.24	9.24	<0.2	<0.1	29	<0.05	<2	<0.5	0.286	41.8	45.9
BH135-01	2018-05-10	0.3-0.6	7.9	365	0.0601	1.39	27.6	<0.2	<0.1	35.5	0.05	26.8	2.98	0.363	50.8	**304**
BH135-02	2018-05-10	1.2-1.5	8.2	383	0.0853	1.47	22	<0.2	0.16	70.5	0.068	21.9	<0.5	0.481	54.9	**869**
BH135-03	2018-05-10	1.6-1.9	5.2	241	0.0234	0.28	9.9	<0.2	<0.1	31.7	0.058	<2	<0.5	0.314	43.1	37.3
BH135-05	2018-05-10	3-3.3	7.1	322	0.344	0.92	12.6	0.31	0.2	137	0.053	11	<0.5	0.422	50.6	110
BH135-06	2018-05-10	4.2-4.5	8.2	283	0.0999	0.56	12.3	<0.2	0.12	89.6	<0.05	8.1	<0.5	0.374	52.9	55.8
BH135-07	2018-05-10	5.5-5.8	14.2	275	0.0253	1.41	21.9	<0.2	0.12	47.1	0.083	<2	<0.5	1.55	90	41.8
BH136-01	2018-05-10	0.2-0.5	8.7	400	0.113	1.88	25.6	<0.2	<0.1	140	0.052	4.3	<0.5	0.403	55.2	100
BH136-02	2018-05-10	1.2-1.5	8.8	298	0.0489	0.52	20	<0.2	<0.1	62.1	0.072	<2	<0.5	0.366	62.5	67.3
BH139-01	2018-05-15	0.2-0.5	7.3	380	0.0276	0.66	16.6	<0.2	<0.1	53.7	0.053	<2	<0.5	0.667	52.6	72.7
BH139-02	2018-05-15	1.2-1.5	12.3	547	0.919	1.8	35.8	<0.2	<0.1	425	<0.05	7	0.79	0.941	59.8	**206**
BH139-03	2018-05-15	2.2-2.5	5.4	201	0.0294	0.38	9.42	<0.2	<0.1	37.5	<0.05	<2	<0.5	0.453	40	84.9
BH139-04	2018-05-15	3.5-3.8	5	202	0.0213	0.2	7.75	<0.2	<0.1	29	<0.05	<2	<0.5	0.306	42.1	35.5
BH139-05	2018-05-15	5.6-5.9	18.4	295	0.0198	3.17	23.3	<0.2	<0.1	34.3	0.083	<2	<0.5	1.01	72.9	48.9
BH140-01	2018-05-15	0.2-0.5	10.1	387	0.0402	0.76	17.7	<0.2	<0.1	39	0.08	<2	<0.5	0.505	64.3	74.3

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
BH140-02	2018-05-15	1.2-1.5	7	10,500	2.05	5.29	67.8	0.17	<5	0.622	24.7	6.98	38.2	18,000	50.2
BH140-03	2018-05-15	2.1-2.4	6.71	10,400	0.88	2.3	64.4	0.15	<5	3.25	10.6	4.74	**393**	12,000	14.9
BH140-05	2018-05-15	3.6-3.9	6.52	11,300	1.18	2.62	112	0.18	6	2.64	14.6	4.86	**388**	13,600	43.4
BH140-06	2018-05-15	6.5-6.8	8.24	15,400	0.38	8.71	46.5	0.32	11.7	0.303	29.9	10	30	25,300	9.09
BH141-02	2018-05-15	0.6-0.9	7.87	13,900	0.55	2.91	75	0.18	<5	0.103	20.3	6.21	24.4	19,200	56.8
BH141-04	2018-05-15	2.3-2.6	7.54	12,600	0.35	2.05	60.6	0.17	<5	0.07	15.6	6.48	19.6	17,800	5.07
BH141-07	2018-05-15	6.3-6.5	8.13	17,300	0.57	**16.5**	50.3	0.45	13	0.452	40	12.2	33.4	**35,800**	9.78
BH142-02	2018-05-15	1.2-1.5	7.56	10,900	0.16	1.93	56.1	0.13	<5	0.044	12.4	4.73	13.6	15,000	4.95
Z118 (Dup of BH142-02)	2018-05-15	1.2-1.5	7.51	11,100	0.12	1.78	46.8	0.14	<5	0.041	12.4	4.91	13.7	15,500	3.2
BH142-03	2018-05-15	2.6-2.9	7.49	9040	<0.1	1.53	32	<0.1	<5	0.039	10.7	4.06	10.5	12,900	1.79
Z119 (Dup of BH142-03)	2018-05-15	2.6-2.9	7.49	11,300	0.15	1.65	46.7	0.13	<5	0.041	14.3	4.97	13.3	16,500	2.58
BH142-05	2018-05-15	5.2-5.5	7.24	12,200	0.15	1.92	50.1	0.14	<5	0.043	13.9	4.96	14.3	16,100	2.73
BH143-01	2018-05-14	0.2-0.5	7.41	11,400	1.34	5.44	69.1	0.16	<5	0.712	24.6	7.93	49.4	20,400	90.8
BH143-02	2018-05-14	1.2-1.5	7.29	12,300	13.3	**37.9**	231	0.18	<5	1.09	33.9	8.55	94.3	27,100	**355**
BH143-03	2018-05-14	2.5-2.8	6.54	9930	0.18	6.46	40.3	0.13	<5	0.041	11.8	3.87	10.7	12,800	3.54
BH143-04	2018-05-14	3.5-3.8	7.26	9700	0.11	2.1	37.6	0.1	<5	0.058	10.6	3.94	13.2	12,600	2.19
BH143-06	2018-05-14	6-6.3	7.95	18,900	0.4	9.72	62.6	0.39	11.2	0.255	35.3	11.6	32.5	30,500	18.8
BH144-01	2018-05-14	0.2-0.5	7.95	14,600	0.63	4.15	85.8	0.21	<5	0.231	29	12.4	34.4	25,200	24.3
BH144-03	2018-05-14	2.5-2.8	6.57	12,800	0.11	1.57	49.5	0.16	<5	0.034	10.9	4.63	11.8	14,300	2.06
BH144-04	2018-05-14	3.5-3.8	6.82	8300	<0.1	1.16	35	<0.1	<5	0.028	9.31	3.76	9.91	13,900	1.5
BH144-05	2018-05-14	4.7-5	8.28	21,000	0.54	5.87	86.4	0.37	12	0.392	30.5	10.1	44.4	29,200	50.5
BH145-01	2018-05-15	0.2-0.5	6.98	15,100	0.2	4.36	69.3	0.22	<5	0.049	16.5	10.1	16.3	18,500	3.64
BH145-02	2018-05-15	1-1.3	6.88	15,000	7.88	6.98	77.9	0.23	<5	0.354	57.3	8.2	39.5	25,900	**401**
BH145-04	2018-05-15	2.3-2.5	8.16	12,800	0.51	3.34	64.7	0.2	<5	0.084	12.8	5.85	31	18,200	31.3
BH145-05	2018-05-15	3.8-4.1	8.04	15,000	0.95	4.75	332	0.26	8.4	0.093	18.1	7.24	**1510**	23,200	**225**
BH145-06	2018-05-15	4.9-5.2	7.62	12,200	1.23	9.29	41.3	0.22	7.3	0.332	21.4	8.17	21.4	22,100	**163**
BH146-01	2018-05-14	0.2-0.5	8.4	10,300	0.79	2.87	73.1	0.15	<5	0.222	20.2	6.3	30.1	18,800	39.3

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
BH140-02	2018-05-15	1.2-1.5	7.2	355	0.0791	0.96	26.2	<0.2	<0.1	32.2	0.057	<2	<0.5	0.329	41.9	134
BH140-03	2018-05-15	2.1-2.4	5.9	205	0.024	0.32	11.3	<0.2	0.11	38.4	<0.05	<2	<0.5	0.322	37.8	**294**
BH140-05	2018-05-15	3.6-3.9	5.8	199	0.0423	0.57	13.1	<0.2	0.23	71	<0.05	<2	<0.5	0.391	41.6	**279**
BH140-06	2018-05-15	6.5-6.8	17.3	275	0.055	3.04	28	0.47	0.12	41.7	0.144	<2	<0.5	2.98	48.9	59.5
BH141-02	2018-05-15	0.6-0.9	6.4	284	0.164	0.46	18.4	<0.2	<0.1	41.1	<0.05	<2	<0.5	0.357	50.9	49.3
BH141-04	2018-05-15	2.3-2.6	5.4	199	0.0143	0.32	13	<0.2	<0.1	48.9	<0.05	<2	<0.5	0.389	49.9	47.6
BH141-07	2018-05-15	6.3-6.5	22.3	342	0.0591	4.04	38.1	0.65	0.17	46.3	0.174	<2	<0.5	4.65	58.4	77.3
BH142-02	2018-05-15	1.2-1.5	4.5	196	0.0116	0.29	8.78	<0.2	<0.1	29.1	<0.05	<2	<0.5	0.31	45	26.1
Z118 (Dup of BH142-02)	2018-05-15	1.2-1.5	4.5	207	0.0137	0.28	8.81	<0.2	<0.1	25.3	<0.05	<2	<0.5	0.306	48.2	25.9
BH142-03	2018-05-15	2.6-2.9	4.6	202	0.007	0.29	6.93	<0.2	<0.1	23.2	<0.05	<2	<0.5	0.255	35.4	23.9
Z119 (Dup of BH142-03)	2018-05-15	2.6-2.9	5.7	227	0.0106	0.2	9.08	<0.2	<0.1	28.9	<0.05	<2	<0.5	0.291	47.1	27.4
BH142-05	2018-05-15	5.2-5.5	4.9	199	0.0113	0.21	8.94	<0.2	<0.1	37.2	<0.05	<2	<0.5	0.319	50	26.5
BH143-01	2018-05-14	0.2-0.5	7.7	345	0.0377	1.46	33.9	<0.2	0.13	37	0.055	3.6	<0.5	0.325	43.1	**155**
BH143-02	2018-05-14	1.2-1.5	5.7	321	0.0164	2.01	31.8	<0.2	0.93	48	<0.05	20.1	0.86	0.328	45.2	**383**
BH143-03	2018-05-14	2.5-2.8	4.6	187	0.0141	0.2	7.25	<0.2	<0.1	30	<0.05	<2	<0.5	0.272	36.2	24.1
BH143-04	2018-05-14	3.5-3.8	3.7	163	0.0064	0.15	6.83	<0.2	<0.1	25.4	<0.05	<2	<0.5	0.255	39.1	22.8
BH143-06	2018-05-14	6-6.3	19	367	0.14	1.52	32.4	0.52	0.16	62	0.147	<2	<0.5	1.84	59	75.7
BH144-01	2018-05-14	0.2-0.5	9.1	521	0.027	0.85	86.6	<0.2	<0.1	42.3	0.061	<2	<0.5	0.278	58.2	71.4
BH144-03	2018-05-14	2.5-2.8	5.1	209	0.0102	0.2	8.04	<0.2	<0.1	35.8	<0.05	<2	<0.5	0.296	40.8	23.9
BH144-04	2018-05-14	3.5-3.8	3.9	167	<0.005	0.13	6.32	<0.2	<0.1	20.2	<0.05	<2	<0.5	0.261	41.7	21.7
BH144-05	2018-05-14	4.7-5	16.6	340	0.747	1.51	27.1	0.38	0.28	78	0.141	6.3	<0.5	1.07	62.3	119
BH145-01	2018-05-15	0.2-0.5	8.3	286	0.0151	0.65	11.6	<0.2	<0.1	28.6	0.069	<2	<0.5	0.324	49.8	47.7
BH145-02	2018-05-15	1-1.3	11.9	325	0.0491	1.09	41.2	<0.2	<0.1	24.5	0.067	2.1	<0.5	0.269	59.6	98.2
BH145-04	2018-05-15	2.3-2.5	5.1	275	0.115	0.4	9.37	<0.2	<0.1	34.1	0.062	5	<0.5	0.411	45.8	52.5
BH145-05	2018-05-15	3.8-4.1	7.8	272	0.186	0.61	12.6	<0.2	0.2	64.4	0.065	43.8	<0.5	0.538	50.2	86
BH145-06	2018-05-15	4.9-5.2	13.7	247	0.0534	3.87	23	0.42	0.11	34.3	0.117	163	<0.5	3.11	39.4	52.7
BH146-01	2018-05-14	0.2-0.5	5.4	274	0.816	0.59	21.8	<0.2	<0.1	44.9	0.071	4.3	<0.5	1.2	50.2	68

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			Metals											
			pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
			pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			~	~	~	**10**	**1500**	**85-350000[2]**	~	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	~	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			~	~	~	**150**	**50000**	**500**	~	**150**	**750**	**75**	**25000**	~	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			~	~	~	**40**	**1500**	**350**	~	**75**	**250**	**200**	**300**	~	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			~	~	~	**10**	**1500**	**85-350000[2]**	~	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	~	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			~	~	~	**40**	**15000**	**150**	~	**40**	**250**	**25**	**7500**	~	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			~	~	~	**40**	**1500**	**350**	~	**75**	**250**	**200**	**300**	~	**1000**
CSR Sch 3.1 Part 2 CL Human Health			~	**250000**	**1500**	~	~	~	**50000**	~	~	~	~	**150000**	~
CSR Sch 3.1 Part 2 RLHD Human Health			~	**40000**	**500**	~	~	~	**15000**	~	~	~	~	**35000**	~
CSR Sch 3.1 Part 3 CL Ecological Health			~	~	**40**	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.1 Part 3 RLHD Ecological Health			~	~	**40**	~	~	~	~	~	~	~	~	~	~
Location	**Date**	**Depth (m)**													
BH146-02	2018-05-14	1.1-1.4	8.17	14,200	0.63	2.93	70.8	0.18	<5	0.113	16	6.17	21.3	19,300	26.1
Z114 (Dup of BH146-02)	2018-05-14	1.1-1.4	8.21	14,900	1.37	4.09	130	0.21	8.5	0.42	18.1	7.8	53.2	23,800	108
BH146-03	2018-05-14	2.5-2.8	7.33	11,900	0.11	1.94	46.1	0.14	<5	0.037	13.8	4.6	12.1	15,100	2.25
Z115 (Dup of BH146-03)	2018-05-14	2.5-2.8	7.41	10,100	<0.1	1.68	39	0.13	<5	0.034	11.6	4.17	11.3	14,500	1.96
BH146-05	2018-05-14	5.7-6	7.29	17,100	1.88	**11.1**	255	0.37	23.8	0.246	18.4	8.4	77.4	31,800	**278**
BH146-06	2018-05-14	6.3-6.6	8.14	20,400	1.45	**15**	162	0.47	29.5	0.449	37.6	11.6	73.6	**37,300**	**219**
BH146-07	2018-05-14	7.2-7.5	8.67	19,200	0.62	**11.2**	56.5	0.45	14.1	0.483	39.1	13.6	34.7	32,700	11.5
BH147-01	2018-05-14	0.2-0.5	7.15	14,700	0.85	5.86	95.4	0.21	<5	0.626	21.5	7.65	39	20,200	45
BH147-03	2018-05-14	2.2-2.5	7.88	13,300	0.21	2.51	55.9	0.14	<5	0.111	15.7	5.4	15.9	16,500	3.28
BH147-05	2018-05-14	3.5-3.8	8.53	11,600	0.2	2.33	52.4	0.14	<5	0.119	14.1	5.84	15.7	16,400	4.65
BH148-02	2018-05-14	1.2-1.5	6.52	15,400	0.13	2.5	62.4	0.17	<5	0.073	16.4	5.89	18	18,600	2.52
BH148-03	2018-05-14	2.5-2.8	6.55	10,900	<0.1	1.47	44.3	<0.1	<5	0.028	11.9	4.21	11.5	15,300	1.58
BH148-05	2018-05-14	4.2-4.5	6.45	16,900	0.12	2.32	70	0.17	<5	0.05	17.5	5.54	12.6	16,500	2.92
BH149-01	2018-05-14	0.2-0.6	7.92	10,600	0.18	1.94	43.1	0.11	<5	0.047	12.1	5.06	13.6	15,700	4.02
Z116 (Dup of BH149-01)	2018-05-14	0.2-0.6	7.89	11,100	0.18	2.09	44.6	0.13	<5	0.051	13.6	5.45	14.6	16,700	4.5
BH149-02	2018-05-14	1.2-1.5	7.74	11,000	0.13	2.1	46.7	0.11	<5	0.042	13	4.55	12.3	16,100	2.31
BH149-03	2018-05-14	2.3-2.5	7.82	8760	<0.1	2.06	33.9	<0.1	<5	0.034	9.54	3.7	9.39	15,000	1.42
BH149-04	2018-05-14	3.8-4.1	5.86	17,600	0.19	2.32	79.8	0.19	<5	0.064	19.4	7.75	21.1	22,500	3
BH149-05	2018-05-14	5.1-5.4	5.87	17,100	0.18	2.45	76.7	0.2	<5	0.048	19	7.97	20.4	22,200	3.02
BH149-06	2018-05-14	6.5-6.8	6.55	18,200	0.49	**11.1**	99.7	0.4	9.9	0.49	35	11.8	32.9	30,300	14
BH150-01	2018-05-15	0.6-0.9	7.52	14,200	1.71	5	87.9	0.21	<5	0.293	26.8	7.97	33	21,000	41.6
BH150-02	2018-05-15	1.1-1.4	6.83	11,800	0.57	2.38	53.9	0.13	<5	0.154	10.6	5.88	60.1	17,200	11
BH150-03	2018-05-15	1.8-2.1	6.91	13,500	0.27	2.23	51.3	0.16	<5	0.053	14.7	5.51	15.8	15,800	4.1
BH150-04	2018-05-15	3-3.3	6.94	12,100	0.22	2.28	55.2	0.15	<5	0.053	21.8	5.32	15.8	15,600	3.3
BH150-05	2018-05-15	4.2-4.5	6.9	14,300	0.32	2.61	61.8	0.17	<5	0.07	14.6	6.09	17.9	17,300	6.58
BH151-01	2018-05-17	0.6-0.9	7.32	16,500	1.15	3.65	87.6	0.21	<5	0.161	20.8	7.68	34.2	22,400	36.8
Z123 (Dup of BH151-01)	2018-05-17	0.6-0.9	7.33	16,700	0.76	3.11	79.9	0.21	<5	0.113	20.8	7.79	26.2	21,100	16.6

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
BH146-02	2018-05-14	1.1-1.4	5.6	273	0.585	0.52	27.3	<0.2	<0.1	40.8	<0.05	5.1	<0.5	0.398	56.1	62.5
Z114 (Dup of BH146-02)	2018-05-14	1.1-1.4	7.7	372	5.54	0.9	42.1	<0.2	0.12	85.8	<0.05	19.7	<0.5	0.535	59.8	195
BH146-03	2018-05-14	2.5-2.8	4.9	193	0.0362	0.24	12.1	<0.2	<0.1	28.4	<0.05	<2	<0.5	0.276	46	24.4
Z115 (Dup of BH146-03)	2018-05-14	2.5-2.8	4.7	202	0.0155	0.21	8.47	<0.2	<0.1	26.2	<0.05	<2	<0.5	0.276	42.3	23.6
BH146-05	2018-05-14	5.7-6	10.4	435	2.07	1.49	20	<0.2	0.93	179	0.102	146	<0.5	0.746	62.6	**199**
BH146-06	2018-05-14	6.3-6.6	19	441	0.105	4.41	34.9	0.56	0.3	144	0.157	79.4	<0.5	3.37	61.7	132
BH146-07	2018-05-14	7.2-7.5	23.3	375	0.0512	9.33	40.3	0.76	0.15	47.2	0.158	<2	<0.5	5.05	61.6	78.1
BH147-01	2018-05-14	0.2-0.5	11.5	371	0.05	0.63	25.1	<0.2	<0.1	53.6	0.057	2	<0.5	0.407	50.9	87.6
BH147-03	2018-05-14	2.2-2.5	5.5	230	0.0156	0.24	11.1	<0.2	<0.1	32.8	<0.05	<2	<0.5	0.338	46.8	63.2
BH147-05	2018-05-14	3.5-3.8	4.8	244	0.0122	0.23	9.52	<0.2	<0.1	33.8	<0.05	<2	<0.5	0.308	48.9	44.8
BH148-02	2018-05-14	1.2-1.5	6.1	248	0.0154	0.3	12.4	<0.2	<0.1	32.8	0.058	<2	<0.5	0.248	51.9	32.1
BH148-03	2018-05-14	2.5-2.8	3.9	157	0.0076	0.2	7.11	<0.2	<0.1	26.5	<0.05	<2	<0.5	0.257	51.8	20.6
BH148-05	2018-05-14	4.2-4.5	7.2	224	0.0215	0.32	11.9	<0.2	<0.1	25.5	0.052	<2	<0.5	0.301	52.7	40.8
BH149-01	2018-05-14	0.2-0.6	5.6	257	0.0134	0.28	7.57	<0.2	<0.1	27.8	<0.05	<2	<0.5	0.338	43.1	27.9
Z116 (Dup of BH149-01)	2018-05-14	0.2-0.6	6.3	286	0.0165	0.4	8.56	<0.2	<0.1	28.1	<0.05	<2	<0.5	0.31	44.9	29.6
BH149-02	2018-05-14	1.2-1.5	4.5	198	0.0094	0.28	8.04	<0.2	<0.1	24.8	<0.05	<2	<0.5	0.336	49.2	24.7
BH149-03	2018-05-14	2.3-2.5	3.6	168	<0.005	0.15	6.19	<0.2	<0.1	21.7	<0.05	<2	<0.5	0.251	42.7	20.2
BH149-04	2018-05-14	3.8-4.1	6.4	254	0.0132	0.24	13.3	<0.2	<0.1	50.9	0.071	<2	<0.5	0.514	63.7	39.9
BH149-05	2018-05-14	5.1-5.4	6.7	249	0.0136	0.23	13.7	<0.2	<0.1	45.3	0.065	<2	<0.5	0.43	60	39.4
BH149-06	2018-05-14	6.5-6.8	18.5	350	0.0978	5.92	34.1	0.79	0.16	51.3	0.153	<2	<0.5	4.71	64.3	70.4
BH150-01	2018-05-15	0.6-0.9	7.4	373	0.0647	0.75	27.1	<0.2	<0.1	47.4	0.055	<2	<0.5	0.346	49.8	81.1
BH150-02	2018-05-15	1.1-1.4	5.4	229	0.0182	0.5	11.2	<0.2	<0.1	25.9	<0.05	<2	<0.5	0.306	40.7	**152**
BH150-03	2018-05-15	1.8-2.1	6.6	236	0.015	0.29	9.93	<0.2	<0.1	26.3	<0.05	<2	<0.5	0.308	42.1	31.3
BH150-04	2018-05-15	3-3.3	5.8	217	0.013	0.21	9.74	<0.2	<0.1	26.9	0.052	<2	<0.5	0.362	41.9	30
BH150-05	2018-05-15	4.2-4.5	6.1	250	0.0155	0.26	12.9	<0.2	<0.1	37.3	<0.05	<2	<0.5	0.342	47.7	35.4
BH151-01	2018-05-17	0.6-0.9	7.5	347	0.0363	0.43	15.6	<0.2	<0.1	37.7	0.057	2.2	<0.5	0.452	58.8	82.5
Z123 (Dup of BH151-01)	2018-05-17	0.6-0.9	7.1	338	0.0289	0.49	14.9	<0.2	<0.1	37	0.057	<2	<0.5	0.49	59.2	61.6

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
BH151-02	2018-05-17	1.2-1.5		7.42	19,700	0.34	3.36	95.6	0.26	<5	0.065	22.8	8.13	25.8	23,100	4.68
BH151-03	2018-05-17	2.6-2.9		6.42	13,500	0.21	1.78	64.9	0.17	<5	0.06	16.2	6.05	17.3	17,600	3.45
BH152-02	2018-05-17	1.3-1.5		6.95	14,900	0.68	2.96	77.7	0.19	<5	0.105	16.9	6.76	25.1	19,500	43.4
BH152-03	2018-05-17	1.6-1.9		7.19	13,100	0.16	2.02	52.5	0.16	<5	0.047	15.3	5.71	15.3	16,600	3.24
Z124 (Dup of BH152-03)	2018-05-17	1.6-1.9		7.25	12,500	0.15	1.86	49.4	0.16	<5	0.047	14.9	5.46	14	16,500	2.34
BH152-04	2018-05-17	2.6-2.9		7.23	7930	0.1	1.07	31.7	<0.1	<5	0.028	9.64	3.78	17.5	13,300	1.86
BH152-05	2018-05-17	3.5-3.8		7.09	12,100	0.17	1.77	48	0.14	<5	0.053	13.3	5.16	15.1	15,800	4.4
BH153-01	2018-05-17	0.7-1		7.2	11,200	0.33	2.06	53.5	0.13	<5	0.078	15	5.28	15.2	16,100	8.2
BH153-02	2018-05-17	1.8-2.1		6.31	16,900	0.2	2.42	72.9	0.23	<5	0.062	19.5	7.08	19.8	19,800	4.61
BH153-03	2018-05-17	2.6-2.9		6.3	15,700	0.17	2.32	65.9	0.18	<5	0.049	17.5	7.4	17.9	19,200	3.05
BH154-01	2018-05-17	0.5-0.8		8.01	16,100	0.32	4.1	80.7	0.23	<5	0.109	21	8.69	28.2	23,200	17
BH154-02	2018-05-17	1.2-1.5		7.91	15,300	0.29	3.59	81.6	0.18	<5	0.088	17.7	6.93	28.8	19,800	9
BH154-03	2018-05-17	2.2-2.5		8.09	22,500	3.67	8.39	565	0.44	53.1	0.228	29.1	10.7	107	31,200	**681**
Z121 (Dup of BH154-03)	2018-05-17	2.2-2.5		8.14	21,000	5.38	8.56	531	0.41	54.8	0.183	26.4	9.48	101	28,700	**507**
BH154-04	2018-05-17	2.7-3		7.33	15,800	0.53	3.57	115	0.19	9.9	0.121	14.9	5.81	24.9	18,400	69.6
BH154-06	2018-05-17	4.2-4.5		8.19	14,100	1.14	3.8	179	0.19	28.5	0.122	16.9	6.33	30.2	19,700	**121**
BH154-07	2018-05-17	5.7-6		8.28	12,900	0.97	3.34	160	0.19	21.5	0.091	18.8	6.34	35.8	19,100	87.5
BH155-01	2018-05-17	0.2-0.5		7.91	15,100	17.3	**14.6**	120	0.19	<5	0.728	42.3	9.89	84.8	27,500	**191**
BH155-02	2018-05-17	1.5-1.8		7.1	20,800	1.4	3.4	86.9	0.25	<5	0.11	21	7.78	25	20,900	18.1
BH155-03	2018-05-17	2.5-2.8		7.08	19,200	1.11	3.21	75.2	0.23	<5	0.101	19.1	7.26	23.6	19,600	15
BH155-04	2018-05-17	3.4-3.7		6.25	21,700	0.48	2.7	91.6	0.28	<5	0.069	22.3	7.12	22.7	20,500	7.79
BH155-05	2018-05-17	5.2-5.5		7.5	16,600	0.34	**10.5**	42.7	0.24	5.9	0.154	29.8	7.76	18.7	22,100	5.7
BH156-01	2018-05-17	0.2-0.5		7.55	14,100	29.1	**27.3**	529	0.71	14.3	4.67	**102**	17.1	**710**	**113,000**	**960**
BH156-02	2018-05-17	1.2-1.5		7.49	16,100	2.88	4.78	97.8	0.24	<5	0.482	17	7.13	63.1	28,400	90.5
BH156-04	2018-05-17	3-3.3		7.93	16,400	8.76	**13.6**	330	0.45	47.5	1.26	46.5	12	198	**46,400**	**264**
BH156-05	2018-05-17	4.2-4.5		6.93	21,200	0.54	5.84	71.6	0.34	9.8	0.341	25.1	13.3	40.5	31,500	29.5
BH157-01	2018-05-17	0.2-0.5		7.72	14,900	3.53	4.18	139	0.17	5	0.522	44.9	8.34	70.5	24,900	**215**

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
BH151-02	2018-05-17	1.2-1.5	7.5	274	0.0224	0.39	15.7	<0.2	<0.1	34.7	0.064	<2	<0.5	0.513	65.1	41.3
BH151-03	2018-05-17	2.6-2.9	5.3	214	0.0129	0.22	10.6	<0.2	<0.1	35.9	<0.05	<2	<0.5	0.399	53	41.7
BH152-02	2018-05-17	1.3-1.5	6.4	279	0.0233	0.49	11.4	<0.2	<0.1	38	0.052	<2	<0.5	0.385	56	62
BH152-03	2018-05-17	1.6-1.9	5.4	272	0.0119	0.21	10.1	<0.2	<0.1	39.8	<0.05	<2	<0.5	0.352	49.4	30.3
Z124 (Dup of BH152-03)	2018-05-17	1.6-1.9	5	257	0.0119	0.2	9.68	<0.2	<0.1	40.8	<0.05	<2	<0.5	0.377	49.5	28.4
BH152-04	2018-05-17	2.6-2.9	3.8	166	0.0093	0.12	6.36	<0.2	<0.1	25.7	<0.05	<2	<0.5	0.223	43.5	21.6
BH152-05	2018-05-17	3.5-3.8	5	219	0.0125	0.23	8.71	<0.2	<0.1	33.7	<0.05	<2	<0.5	0.292	47	29.8
BH153-01	2018-05-17	0.7-1	4.3	205	0.0132	0.42	8.77	<0.2	<0.1	26.5	<0.05	<2	<0.5	0.308	50.1	43.7
BH153-02	2018-05-17	1.8-2.1	6.4	269	0.0181	0.25	13	<0.2	<0.1	41.8	0.051	<2	<0.5	0.407	57.5	40.3
BH153-03	2018-05-17	2.6-2.9	5.7	247	0.0138	0.21	11.7	<0.2	<0.1	47.1	<0.05	<2	<0.5	0.41	57.1	33
BH154-01	2018-05-17	0.5-0.8	6.9	399	0.0215	0.52	14.7	<0.2	<0.1	52.5	0.061	<2	<0.5	0.459	61.4	52.5
BH154-02	2018-05-17	1.2-1.5	7	296	0.0181	0.48	12.7	<0.2	<0.1	31.6	0.065	<2	<0.5	0.402	54.4	45.2
BH154-03	2018-05-17	2.2-2.5	13.1	388	0.0238	2.01	22.3	<0.2	0.84	340	0.066	164	<0.5	0.698	69.1	191
Z121 (Dup of BH154-03)	2018-05-17	2.2-2.5	13.2	377	0.0254	1.75	19.9	<0.2	0.43	326	0.066	154	<0.5	0.633	64.2	189
BH154-04	2018-05-17	2.7-3	7.1	322	0.13	0.58	10.3	<0.2	0.1	64.4	0.056	8.7	<0.5	0.434	51.2	63.2
BH154-06	2018-05-17	4.2-4.5	8.4	299	0.206	0.72	12.8	<0.2	0.24	125	<0.05	30.8	<0.5	0.377	52.9	73.8
BH154-07	2018-05-17	5.7-6	8.4	307	0.155	0.8	12.6	<0.2	<0.1	119	<0.05	16.9	<0.5	0.372	51.5	64.5
BH155-01	2018-05-17	0.2-0.5	8.2	442	0.0736	2.46	28.4	<0.2	0.14	47.4	0.068	6.8	0.56	0.544	58.3	**232**
BH155-02	2018-05-17	1.5-1.8	7.1	296	0.0252	0.5	14.1	<0.2	<0.1	45.4	0.056	<2	<0.5	0.455	58	48.5
BH155-03	2018-05-17	2.5-2.8	6.7	268	0.0232	0.45	14.2	<0.2	<0.1	36.4	0.052	<2	<0.5	0.503	57.4	43.6
BH155-04	2018-05-17	3.4-3.7	6.5	283	0.0176	0.34	12.9	<0.2	<0.1	39.3	0.058	<2	<0.5	0.45	62.5	43.4
BH155-05	2018-05-17	5.2-5.5	15.2	262	0.0286	2.91	18.3	0.32	<0.1	35.2	0.099	<2	<0.5	1.79	62	40.8
BH156-01	2018-05-17	0.2-0.5	7.3	1140	1.05	8.48	91.6	0.65	0.55	313	0.114	82.6	5.89	0.507	59.4	**3240**
BH156-02	2018-05-17	1.2-1.5	8.8	412	0.0849	0.64	20.1	<0.2	<0.1	33.7	0.06	6.2	<0.5	0.367	49.9	**646**
BH156-04	2018-05-17	3-3.3	9.3	506	0.305	6.45	50.5	0.32	0.32	210	0.092	71.2	1.27	0.505	61.3	**1020**
BH156-05	2018-05-17	4.2-4.5	12.4	374	0.0632	1.38	23.6	0.26	<0.1	47.7	0.097	55.1	<0.5	1.07	66.5	88.7
BH157-01	2018-05-17	0.2-0.5	10.7	365	0.0545	1.41	17.3	<0.2	<0.1	56.1	0.071	10.8	<0.5	0.682	64.8	**150**

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			Metals											
			pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
			pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health			**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health			**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health			**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health			**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**													
BH157-02	2018-05-17	1.2-1.5	7.71	14,100	0.27	2.29	60.3	0.17	<5	0.072	15.7	5.97	18.4	17,600	9.72
BH157-03	2018-05-17	1.5-1.8	6.73	10,900	0.17	1.42	42.2	0.13	<5	0.046	13.9	4.81	12.3	14,500	3.93
BH157-04	2018-05-17	3.5-3.8	7.04	11,200	0.14	1.83	45.6	0.12	<5	0.043	12.5	4.85	13.1	15,200	2.69
BH157-05	2018-05-17	5.2-5.5	8.54	22,000	0.34	4.65	63.7	0.35	7.8	0.112	42	12.5	33.9	30,000	7.32
BH158-01	2018-05-17	0.3-0.6	7.92	15,100	4.56	7.47	140	0.18	5.1	0.762	**62.8**	10.7	116	**47,900**	**258**
BH158-02	2018-05-17	1.2-1.5	7.92	14,200	0.73	2.66	73.4	0.16	<5	0.127	18.5	6.15	25.9	17,800	28.4
BH158-03	2018-05-17	1.6-1.9	7.07	15,000	0.23	2.1	61.2	0.17	<5	0.062	17.1	5.87	17.5	17,500	10.2
Z122 (Dup of BH158-03)	2018-05-17	1.6-1.9	7.26	13,900	0.32	2.18	66.3	0.17	<5	0.082	16.8	5.97	20.2	17,500	17.2
BH158-04	2018-05-17	2.7-3	7.2	10,400	0.17	1.85	40.5	0.13	<5	0.052	11.6	4.55	14.2	15,600	5.45
BH158-05	2018-05-17	4-4.3	7.17	9710	0.15	1.45	48.2	0.12	<5	0.05	11.4	4.22	14.3	11,500	4.8
BH158-06	2018-05-17	5.3-5.6	8.42	22,700	0.49	3.01	69.8	0.4	6.6	0.119	43.3	13.8	43.2	32,000	5.37
BH168-01	2018-08-13	0.3-0.5	7.59	10,800	0.26	2.33	51.3	0.13	<5	0.055	13.9	4.67	13.6	16,400	7.01
BH168-02	2018-08-13	0.7-1	7.48	20,300	0.26	2.86	78.5	0.28	<5	0.042	19.1	8.27	20.8	21,900	3.43
BH168-04	2018-08-13	2.7-3	7.39	10,300	0.11	1.73	43.3	0.13	<5	0.035	10.6	4.36	13.8	14,500	2.05
BH169-01	2018-08-13	0.2-0.5	9.95	12,300	0.35	3.38	75.6	0.17	<5	0.159	16.1	5.59	18.5	18,000	33
BH169-02	2018-08-13	0.7-1	8.44	12,300	0.16	2.17	49.9	0.16	<5	0.047	13.8	5.22	13.5	16,100	3
BH169-03	2018-08-13	1.5-1.8	8.21	14,000	0.18	2.05	61.1	0.18	<5	0.055	16.5	5.98	16.4	18,900	2.89
BH170-01	2018-08-13	0.3-0.6	6.93	16,900	1.27	4.67	160	0.26	10.3	0.217	19.9	6.89	34.8	19,300	40.8
BH170-03	2018-08-13	1.7-2	7.57	10,700	0.18	1.83	45.8	0.13	<5	0.045	14.4	4.52	12.5	14,600	4.17
BH170-04	2018-08-13	2.7-3	7.66	12,400	0.23	2.32	57.8	0.19	<5	0.052	13.3	5.28	15.3	16,800	4.61
BH170-05	2018-08-13	3.7-4	7.69	11,200	0.15	1.97	46.3	0.14	<5	0.043	23.5	4.66	15.1	14,900	3.06
BH171-02	2018-08-13	1.2-1.5	7.16	10,000	0.14	1.88	44	0.12	<5	0.037	12.5	4.55	12.2	13,800	5.03
BH171-04	2018-08-13	2.7-3	7.23	10,600	0.17	2.04	33.6	0.12	<5	0.041	10.8	4.88	14.5	14,100	4.72
BH172-02	2018-08-13	1-1.3	7.23	14,100	0.55	3.84	65.5	0.2	<5	0.646	19.3	6.83	57.6	19,400	13.5
BH172-05	2018-08-13	3.2-3.5	7.24	10,400	0.22	1.83	43.8	0.13	<5	0.11	12.5	4.69	16.7	14,800	2.71
BH173-02	2018-08-13	1-1.3	8.04	12,300	0.45	3.46	63.9	0.19	<5	0.222	30.9	7.04	72.8	19,600	13.4
BH174-02	2018-08-13	1-1.3	7.85	10,100	0.22	2.01	48.8	0.12	<5	0.052	11.4	4.14	11.8	14,400	5.42

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals												
				Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health				**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**															
BH157-02	2018-05-17	1.2-1.5	6.5	296	0.0143	0.37	10.1	<0.2	<0.1	33.8	0.051	<2	<0.5	0.317	46.6	38.3
BH157-03	2018-05-17	1.5-1.8	4.3	200	0.0096	0.18	8.3	<0.2	<0.1	34.3	<0.05	<2	<0.5	0.3	47.9	26.3
BH157-04	2018-05-17	3.5-3.8	4.8	212	0.0112	0.2	8.03	<0.2	<0.1	29.9	<0.05	<2	<0.5	0.278	48	27.1
BH157-05	2018-05-17	5.2-5.5	16.8	321	0.0523	1.1	28.9	<0.2	<0.1	48.8	0.126	<2	<0.5	1.23	78.9	61.6
BH158-01	2018-05-17	0.3-0.6	10	674	0.118	3.8	33.2	<0.2	0.11	50.2	0.068	24.4	0.63	0.615	67.2	**262**
BH158-02	2018-05-17	1.2-1.5	6.3	269	0.0194	0.67	12.7	<0.2	<0.1	32.8	0.055	<2	<0.5	0.299	49.1	63.9
BH158-03	2018-05-17	1.6-1.9	5.8	249	0.018	0.33	10.3	<0.2	<0.1	34.5	<0.05	<2	<0.5	0.329	50.1	38.9
Z122 (Dup of BH158-03)	2018-05-17	1.6-1.9	5.6	249	0.0163	0.52	10.9	<0.2	<0.1	32.5	<0.05	<2	<0.5	0.321	47.1	43.7
BH158-04	2018-05-17	2.7-3	4.6	194	0.0099	0.21	7.94	<0.2	<0.1	26.3	<0.05	<2	<0.5	0.222	46.1	28.1
BH158-05	2018-05-17	4-4.3	5.5	185	0.0093	0.2	8.4	<0.2	<0.1	20.8	<0.05	<2	<0.5	0.247	35.6	28
BH158-06	2018-05-17	5.3-5.6	14.4	290	0.0332	0.45	28.5	<0.2	<0.1	46.8	0.099	<2	<0.5	1.12	85.2	55.6
BH168-01	2018-08-13	0.3-0.5	4.7	248	0.0104	0.29	7.68	<0.2	<0.1	33.6	<0.05	<2	<0.5	0.321	46.4	30.8
BH168-02	2018-08-13	0.7-1	6.5	404	0.0145	0.3	13.4	<0.2	<0.1	38.6	0.059	<2	<0.5	0.347	59.5	39.1
BH168-04	2018-08-13	2.7-3	4.8	207	0.0068	0.19	7.09	<0.2	<0.1	28.5	<0.05	<2	<0.5	0.276	41.2	23.6
BH169-01	2018-08-13	0.2-0.5	7.9	299	0.0232	0.49	12.7	<0.2	<0.1	73.4	<0.05	<2	<0.5	0.419	46.7	68.9
BH169-02	2018-08-13	0.7-1	5.2	245	0.0145	0.2	8.87	<0.2	<0.1	35.6	<0.05	<2	<0.5	0.329	46.1	26.7
BH169-03	2018-08-13	1.5-1.8	6	274	0.0124	0.23	10.8	<0.2	<0.1	61.4	<0.05	<2	<0.5	0.396	53.6	31.7
BH170-01	2018-08-13	0.3-0.6	10.1	294	0.755	1.24	16.7	<0.2	<0.1	86.2	0.063	4.4	<0.5	0.451	57.7	63.3
BH170-03	2018-08-13	1.7-2	4.7	215	0.0427	0.26	7.51	<0.2	<0.1	27.2	<0.05	<2	<0.5	0.364	40.6	24.6
BH170-04	2018-08-13	2.7-3	5.5	254	0.0643	0.32	9.14	<0.2	<0.1	37.1	<0.05	<2	<0.5	0.348	46.5	31.3
BH170-05	2018-08-13	3.7-4	6.2	199	0.0291	0.23	8.95	<0.2	<0.1	22.6	<0.05	<2	<0.5	0.334	41	26.8
BH171-02	2018-08-13	1.2-1.5	4.6	207	0.0097	0.19	7.24	<0.2	<0.1	26	<0.05	<2	<0.5	0.26	37.2	25.7
BH171-04	2018-08-13	2.7-3	5.3	208	0.0102	0.22	7.37	<0.2	<0.1	23.5	<0.05	<2	<0.5	0.232	40.1	27.1
BH172-02	2018-08-13	1-1.3	6.9	335	0.0435	0.41	16.2	<0.2	<0.1	36.6	0.058	<2	<0.5	0.409	51	**164**
BH172-05	2018-08-13	3.2-3.5	4.7	210	0.012	0.17	8.49	<0.2	<0.1	26.9	<0.05	<2	<0.5	0.292	43.2	53.4
BH173-02	2018-08-13	1-1.3	7.5	411	0.14	0.48	21.8	<0.2	<0.1	44	0.06	<2	<0.5	0.352	46.9	86.5
BH174-02	2018-08-13	1-1.3	4.3	202	0.01	0.34	7	<0.2	<0.1	29.7	<0.05	<2	<0.5	0.274	40.3	27

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Metals										
				pH (Lab)	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead
				pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.1	50	0.1	0	0	0.1	5	0	0	0	0	50	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				**~**	**~**	**~**	**150**	**50000**	**500**	**~**	**150**	**750**	**75**	**25000**	**~**	**150**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				**~**	**~**	**~**	**10**	**1500**	**85-350000[2]**	**~**	**1-200[2]**	**60[3]**	**25**	**75-1500[2]**	**~**	**120-15000[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				**~**	**~**	**~**	**40**	**15000**	**150**	**~**	**40**	**250**	**25**	**7500**	**~**	**120**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				**~**	**~**	**~**	**40**	**1500**	**350**	**~**	**75**	**250**	**200**	**300**	**~**	**1000**
CSR Sch 3.1 Part 2 CL Human Health				**~**	**250000**	**1500**	**~**	**~**	**~**	**50000**	**~**	**~**	**~**	**~**	**150000**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health				**~**	**40000**	**500**	**~**	**~**	**~**	**15000**	**~**	**~**	**~**	**~**	**35000**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health				**~**	**~**	**40**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**														
BH175-01	2018-08-13	0.1-0.4	7.11	13,500	1.8	5.46	95.7	0.21	<5	0.718	28.5	7.5	71.9	21,800	89
BH175-02	2018-08-13	0.7-1	7.18	15,900	0.62	3.09	78.7	0.19	<5	0.178	19.6	6.76	25.3	21,200	18
BH175-04	2018-08-13	3.2-3.5	6.96	12,300	0.21	2.05	51.4	0.16	<5	0.059	15.1	5.51	14.6	16,500	3.41
BH176-01	2018-08-13	0.1-0.4	7.6	12,600	7.07	**179**	123	0.18	<5	0.558	18.8	10.6	164	21,400	**632**
BH176-02	2018-08-13	0.7-1	7.72	10,700	1.33	**21**	52.7	0.14	<5	0.148	13.7	5.08	35.2	16,000	60.2
BH176-03	2018-08-13	2-2.3	7.14	9200	0.37	3.48	42.5	0.1	<5	0.044	9.36	4.38	13	13,000	8.5
BH177-01	2018-09-05	0.1-0.4	8.23	14,100	1.06	4.47	73.5	0.2	<5	0.579	26.9	8.76	48.7	22,500	36.7
BH177-02	2018-09-05	0.7-1	8.27	14,400	1.14	4.17	82.2	0.21	<5	0.634	47	9.63	48.7	22,900	65.7
BH177-03	2018-09-05	1-1.3	8.31	14,600	0.91	3.37	79.9	0.19	<5	0.498	25.4	8.85	35.2	21,600	44.3
BH178-01	2018-09-05	0.1-0.4	7.92	16,700	5.62	8.51	293	0.24	7.3	3.06	**82.6**	11.3	**527**	34,100	**620**
Z203 (Dup of BH178-01)	2018-09-05	0.1-0.4	7.93	18,500	8.23	**10.9**	395	0.26	7.6	4.22	**99.9**	13	**886**	**42,000**	**808**
BH178-02	2018-09-05	0.7-1	7.86	13,500	1.72	5.57	114	0.17	<5	0.448	24.9	6.07	157	19,000	**124**
BH178-03	2018-09-05	1-1.3	7.91	13,000	0.86	4	80.3	0.15	<5	0.434	17.2	5.94	**427**	17,300	75.6
BH179-01	2018-09-05	1-1.5	8.26	11,500	0.41	3.17	86.3	0.15	8.4	0.107	13.5	5.51	25.1	15,100	27.5
BH179-02	2018-09-05	2-2.5	7.99	16,100	0.94	7.14	558	0.34	67.6	0.201	23.3	6.65	80.7	30,600	**178**
Z205 (Dup of BH179-02)	2018-09-05	2-2.5	8.01	17,900	0.97	6.28	529	0.35	70.3	0.203	24.6	6.28	92.5	26,000	115
BH179-03	2018-09-05	3-3.5	8.04	18,300	0.24	5.26	82.3	0.26	8.5	0.071	16	7.61	27.7	19,900	13.1
BH179-04	2018-09-05	4-4.5	7.87	13,500	0.49	3.43	214	0.19	22.9	0.141	11.7	4.9	34.4	15,600	98.7
BH184-01	2018-09-05	1-1.5	7.2	13,900	0.61	2.89	63	0.18	<5	0.158	22.5	6.15	16.5	16,600	10.9
BH184-02	2018-09-05	2-2.5	7.64	17,900	0.78	4.74	175	0.31	16	0.38	16	6.4	37.2	19,800	92.3
BH185-02	2018-09-05	2-2.5	8.09	14,700	0.36	2.81	79.1	0.19	<5	0.166	15.9	5.79	25.1	16,900	48.4
BH185-03	2018-09-05	3-3.5	7.65	12,200	0.35	2.86	114	0.16	21	0.151	14.2	3.62	18	10,300	65.7

Table for Figure 9a
Soil Results - Metals and Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

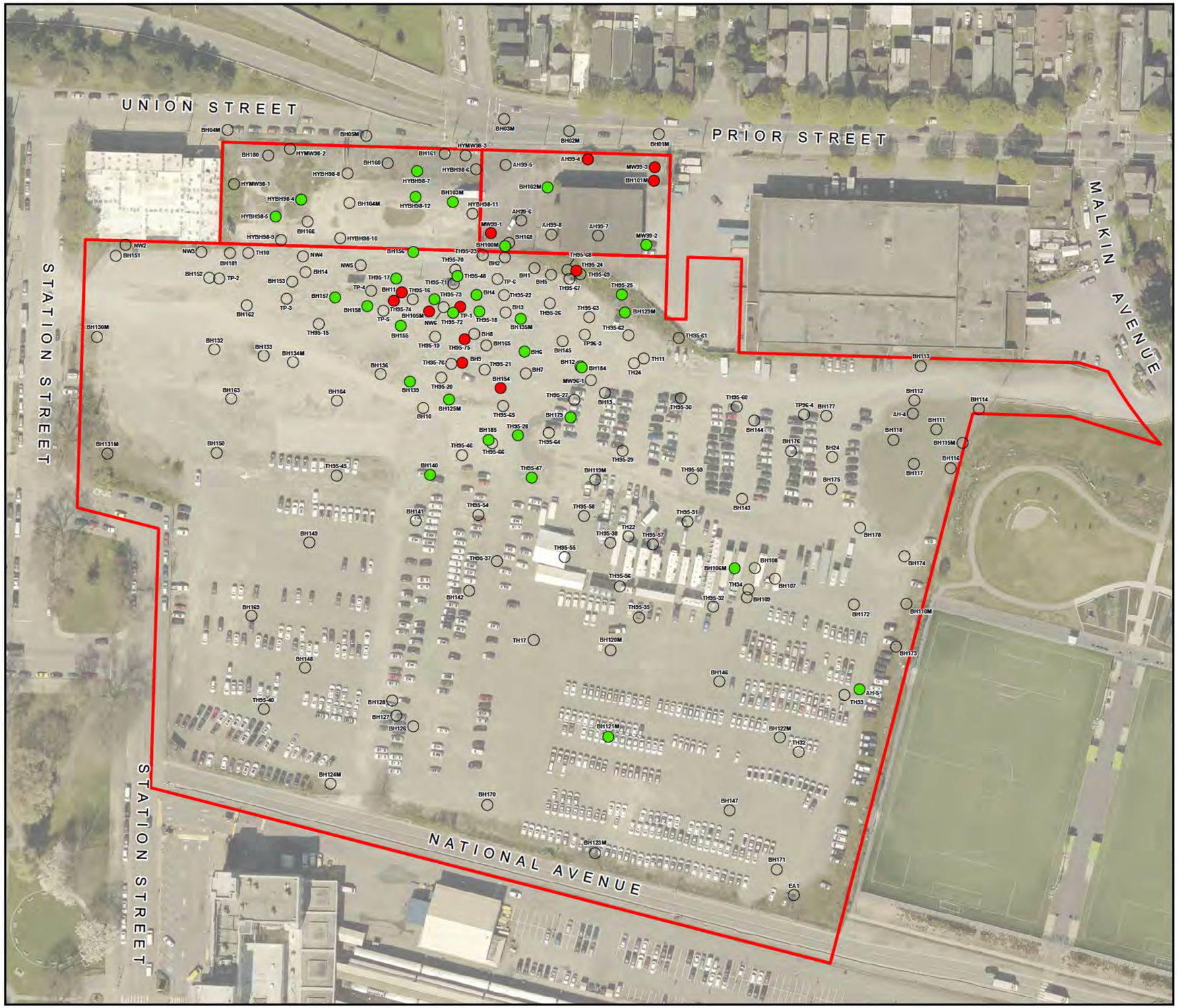
								Metals							
	Lithium	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Tungsten	Uranium	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL	2	1	0	0	0	0	0	0.5	0.05	0	0.5	0.05	0.2	0
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)	**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)	**~**	**35000**	**75**	**1500**	**3000**	**1500**	**~**	**~**	**~**	**~**	**~**	**750**	**1500**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)	**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)	**~**	**~**	**~**	**650**	**70-500[2]**	**1**	**~**	**~**	**~**	**~**	**~**	**150**	**~**	**150-200[2]**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)	**~**	**10000**	**25**	**400**	**900**	**400**	**~**	**~**	**~**	**~**	**~**	**250**	**400**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)	**~**	**2000**	**75**	**150**	**250**	**2**	**~**	**~**	**~**	**~**	**~**	**2000**	**300**	**450**
CSR Sch 3.1 Part 2 CL Human Health	**450**	**~**	**~**	**~**	**~**	**~**	**1500**	**150000**	**~**	**150000**	**200**	**~**	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health	**65**	**~**	**~**	**~**	**~**	**~**	**400**	**20000**	**~**	**50000**	**25**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health	**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health	**~**	**~**	**~**	**~**	**~**	**~**	**40**	**~**	**25**	**300**	**~**	**~**	**~**	**~**
Location	**Date**	**Depth (m)**													
BH175-01	2018-08-13	0.1-0.4	8	360	0.0412	1.05	25.2	<0.2	0.14	57.2	0.064	2.6	<0.5	0.326	45.7	**162**
BH175-02	2018-08-13	0.7-1	6.7	299	0.0188	0.44	14.2	<0.2	<0.1	55.8	0.057	<2	<0.5	0.332	56.9	54.4
BH175-04	2018-08-13	3.2-3.5	5.2	212	0.0116	0.22	10.4	<0.2	<0.1	43.9	<0.05	<2	<0.5	0.348	46.1	30.7
BH176-01	2018-08-13	0.1-0.4	8.2	333	0.174	0.49	20	0.3	0.18	37.4	0.057	8.4	<0.5	0.297	45.4	**306**
BH176-02	2018-08-13	0.7-1	4.7	221	0.0215	0.31	9.8	<0.2	<0.1	27.9	<0.05	<2	<0.5	0.304	45.6	55.8
BH176-03	2018-08-13	2-2.3	4.3	198	0.0106	0.17	7.13	<0.2	<0.1	23.8	<0.05	<2	<0.5	0.24	35.4	28
BH177-01	2018-09-05	0.1-0.4	7.8	441	0.0346	0.74	28.5	<0.2	0.1	39.3	0.054	<2	<0.5	0.34	52.1	119
BH177-02	2018-09-05	0.7-1	8.6	435	0.036	5.31	46.8	<0.2	0.1	36	<0.05	<2	<0.5	0.269	55.4	196
BH177-03	2018-09-05	1-1.3	8.9	468	0.0326	1.24	42.5	<0.2	<0.1	38.1	<0.05	<2	<0.5	0.269	51	126
BH178-01	2018-09-05	0.1-0.4	10.5	572	0.27	4.26	41.2	0.24	0.91	62	0.063	27.7	1.47	0.432	50.2	**1330**
Z203 (Dup of BH178-01)	2018-09-05	0.1-0.4	10.5	651	0.131	6.16	46.1	0.32	0.79	77.5	0.068	33.4	2	0.49	56.7	**2040**
BH178-02	2018-09-05	0.7-1	6	353	0.0509	1.48	13.5	<0.2	0.13	52.6	<0.05	5.8	<0.5	0.901	44.3	**192**
BH178-03	2018-09-05	1-1.3	5.8	312	0.0258	0.89	11.3	<0.2	0.11	35	<0.05	3.1	<0.5	0.348	42.7	**156**
BH179-01	2018-09-05	1-1.5	7.9	253	0.0321	0.53	11.6	<0.2	<0.1	66.2	<0.05	<2	<0.5	0.452	38.9	58.5
BH179-02	2018-09-05	2-2.5	10	366	0.515	1.67	24.4	<0.2	0.23	553	<0.05	**388**	<0.5	0.54	52.1	**360**
Z205 (Dup of BH179-02)	2018-09-05	2-2.5	11	340	0.303	1.55	23.5	<0.2	0.23	483	<0.05	162	<0.5	0.647	54	**290**
BH179-03	2018-09-05	3-3.5	8.5	326	0.0461	0.74	12	<0.2	<0.1	49.2	0.074	2.5	<0.5	0.457	54.6	60
BH179-04	2018-09-05	4-4.5	6.2	246	0.296	1.34	10.4	<0.2	0.1	77.7	<0.05	6.7	<0.5	0.305	34.3	101
BH184-01	2018-09-05	1-1.5	6.2	235	0.0169	1.04	10.8	<0.2	<0.1	27.9	<0.05	<2	<0.5	0.295	46.6	48.1
BH184-02	2018-09-05	2-2.5	8.8	212	0.257	1.07	12.7	0.35	0.25	107	0.059	7.6	<0.5	0.483	43.9	**277**
BH185-02	2018-09-05	2-2.5	6.4	263	0.056	0.41	10.8	<0.2	<0.1	42.5	0.051	6.6	<0.5	0.358	44.2	124
BH185-03	2018-09-05	3-3.5	7.8	151	0.133	1.22	7.25	0.25	0.14	78.3	0.05	3.4	<0.5	0.378	33.2	51.1

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 9a
Soil Results - Inorganics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

	Anions	Inorganics
	Chloride	Sodium Ion
	mg/kg	ug/g
RDL	0.46	1
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)	**600**	**~**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)	**>1000000**	**>1000000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)	**2500**	**1000**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)	**600**	**~**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)	**>1000000**	**>1000000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)	**2500**	**1000**
CSR Sch 3.1 Part 2 CL Human Health	**~**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health	**~**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health	**~**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health	**~**	**~**

Location	Date	Depth (m)		
BH105M-03	2018-05-04	1.5-1.8	4.6	5.6
BH105M-06	2018-05-04	5.1-5.4	6.24	14.3
BH106M-04	2018-05-04	2.5-2.8	1.81	3
BH112-03	2018-05-07	1.5-1.8	3.78	5.2
BH132-02	2018-05-10	1-1.3	1.79	3.9
BH132-06	2018-05-10	5.4-5.7	1.91	4.8
BH135-03	2018-05-10	1.6-1.9	3.54	2.8
BH135-07	2018-05-10	5.5-5.8	76	73.9
BH143-03	2018-05-14	2.5-2.8	2.85	4.6
BH150-03	2018-05-15	1.8-2.1	2.44	2.5
Z120 (Dup of BH150-03)	2018-05-15	1.8-2.1	2.5	3



Site Boundary (Approximate)
Sample meets applicable Standards
Sample exceeds applicable Standards
Not Analyzed

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

SOIL TCLP METALS RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS

File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
5355-01.01	MAR 2019	53550101_F91b	DPL	9b

Original in colour

Table for Figure 9b
Soil Results - TCLP Metals
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

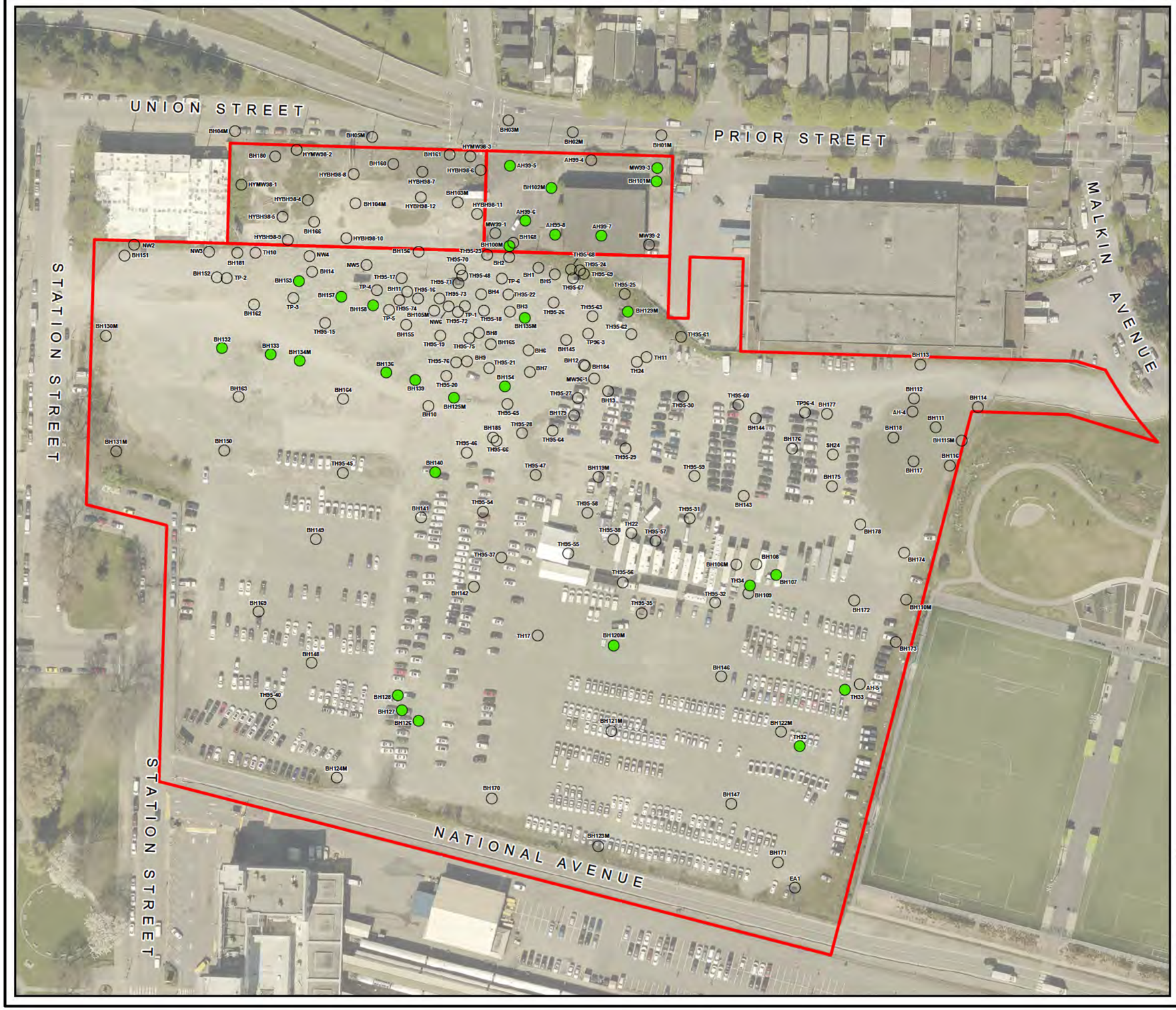
			Metals																			
			pH (Lab)	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
			pH_Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			0.1	1000	0.01	0.01	20	0.05	0.01	0.01	50	0.01	5000	0.01	500	0.01	250	1000	0.01	1000	0.01	150	0.05
Hazardous Waste Leachate Qualty Standards			**~**	**~**	**2500**	**100000**	**~**	**500000**	**500**	**5000**	**~**	**100000**	**~**	**5000**	**~**	**100**	**~**	**1000**	**5000**	**~**	**~**	**~**	**500000**
Location	**Date**	**Depth (m)**																					
BH-6 (Sa2)	1993-12-13	0.9-1.2	-	-	<750	1110	-	220	<50	<50	-	<30	-	3540	-	<5	-	-	<500	-	<250	-	1040
BH-4 (Sa2)	1993-12-13	0.6-0.9	-	-	<750	500	-	30	<50	<50	-	50	-	<10	-	<5	-	-	<500	-	<250	-	4440
BH-9 (Sa5)	1993-12-14	4.6-4.9	-	-	<750	320	-	220	<50	<50	-	<30	-	**34,900**	-	<5	-	-	<500	-	<250	-	22,100
BH-11(Sa2)	1993-12-14	0.8-1.1	-	-	<750	610	-	120	**1210**	<50	-	21,900	-	**8800**	-	<5	-	-	<500	-	<250	-	**760,000**
TP-1 (Sa1)	1994-01-01	0.6-0.75	-	-	<750	2210	-	120	150	<50	-	9820	-	**8460**	-	<5	-	-	<500	-	<250	-	46,200
TH95-17 (0.5-1.1)	1995-01-01	0.5-1.1	-	-	<750	280	-	290	<50	<50	-	150	-	<100	-	<5	-	-	<500	-	<250	-	9830
TH95-18 (1.2-1.8)	1995-01-01	1.2-1.8	-	-	<750	550	-	160	<50	<50	-	<30	-	<100	-	<5	-	-	<500	-	<250	-	690
TH95-24 (0.5-1.0)	1995-01-01	0.5-1	-	-	<750	250	-	250	<50	<50 - 300	-	**323,000**	-	**6600**	-	<5	-	-	<500	-	<250	-	45,400
TH95-25 (3.0-4.0)	1995-01-01	3-4	-	-	<750	1280	-	160	<50	<50	-	<30	-	200	-	<5	-	-	<500	-	<250	-	3930
TH95-28 (4.5-5.2)	1995-01-01	4.5-5.2	-	-	<750	250	-	890	<50	<50	-	240	-	200	-	<5	-	-	<500	-	<250	-	1370
TH95-47 (1.5-2.2)	1995-01-01	1.5-2.2	-	-	<750	790	-	1480	<50	<50	-	260	-	1400	-	<5	-	-	<500	-	<250	-	2730
TH95-48 (0.3-0.6)	1995-01-01	0.3-0.6	-	-	<750	420	-	230	100	<50	-	5950	-	1500	-	<5	-	-	<500	-	<250	-	36,700
TH95-72 (0.3-0.7)	1995-01-01	0.3-0.7	-	-	<750	4610	-	260	100	<50	-	4800	-	4300	-	<5	-	-	<500	-	<250	-	86,000
TH95-73 (0.5-1)	1995-01-01	0.5-1	-	-	<750	1760	-	170	<50	<50	-	170	-	700	-	<5	-	-	<500	-	<250	-	9700
TH95-73 (0.5-1.0)	1995-01-01	0.5-1	-	-	<750	1760	-	170	<50	<50	-	170	-	700	-	<5	-	-	<500	-	<250	-	9700
TH95-74 (0.2-0.9)	1995-01-01	0.2-0.9	-	-	<750	1350	-	600	**550**	<50	-	4000	-	**21,000**	-	<5	-	-	<500	-	<250	-	**1,750,000**
TH95-75 (4.2-4.8)	1995-01-01	4.2-4.8	-	-	<750	1430	-	410	<50	<50	-	<30	-	**26,000**	-	<5	-	-	<500	-	<250	-	9600
HYBH98-12 (0.6)	1998-09-23	0.6	-	-	<200	860	-	700	90	<10	-	16,100	-	1920	-	<0.05	-	<200	<10	-	-	-	15,700
HYBH98-4 (1.3)	1998-09-22	1.3	-	-	<200	330	-	400	130	<10	-	5650	-	1890	-	<0.05	-	<200	<10	-	-	-	90,400
HYBH98-5 (1.3)	1998-09-22	1.3	-	-	<200	570	-	900	<1	<1	-	20	-	50	-	<0.05	-	<200	<10	-	-	-	550
HYBH98-7 (0.6)	1998-09-23	0.6	-	-	<200	600	-	200	10	<10	-	270	-	330	-	<0.05	-	<200	<10	-	-	-	7720
AH99-4	1999-11-17	0-0.6	-	-	<200	1050	-	<100	10	<10	-	1620	-	**27,100**	-	<0.05	-	<200	<10	-	-	-	1580
AH99-5	1999-11-17	0-0.6	-	-	<200	630	-	<100	<10	<10	-	650	-	1950	-	0.06	-	<200	<10	-	-	-	2510
MW99-1	1999-11-17	0-0.6	-	-	<200	990	-	100	50	<10	-	3220	-	**13,000**	-	<0.05	-	<200	<10	-	-	-	16,400
MW99-2	1999-11-17	0.6-1.2	-	-	<200	540	-	400	10	<10	-	9580	-	560	-	<0.05	-	<200	<10	-	-	-	28,700
MW99-3	1999-11-17	0.6-1.2	-	-	<200	880	-	<100	30	<10	-	4620	-	**21,300**	-	<0.05	-	<200	<10	-	-	-	9270
MW99-3	1999-11-17	1.2-1.8	-	-	<200	330	-	1500	<10	<10	-	100	-	630	-	0.08	-	<200	<10	-	-	-	2970
BH100M-01	2018-05-03	0.7-1.1	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	120	<5000	930	2230	<1	<250	<1000	<50	<1000	-	<150	<500
BH100M-03	2018-05-03	1.8-2.1	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	2900	<1	<250	<1000	<50	<1000	-	<150	<500
BH100M-04	2018-05-03	2.6-2.9	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	13,600	<1	<250	<1000	<50	<1000	-	<150	<500
BH101M-02	2018-05-03	0.9-1.1	2.86	<1000	<1000	<2500	<25	<500	138	<250	68	**1,140,000**	46,700	**848,000**	13,200	<1	3050	<1000	<50	<1000	-	<150	280,000
BH101M-03	2018-05-03	1.6-1.9	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	731	<5000	870	3000	<1	<250	<1000	<50	<1000	-	<150	510
BH102M-01	2018-05-03	0.6-1.1	2.86	<1000	<1000	<2500	<25	<500	<50	<250	<50	122	<5000	890	5150	<1	<250	<1000	<50	<1000	-	<150	2140
Z100 (Dup of BH102M-01)	2018-05-03	0.6-1.1	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	159	<5000	2680	1730	<1	<250	<1000	<50	<1000	-	<150	6030
BH102M-02	2018-05-03	1.5-1.8	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	108	<5000	<250	1120	<1	<250	<1000	<50	<1000	-	<150	<500
BH103M-01	2018-05-03	0.4-0.7	4.9	<1000	<1000	3200	<25	<500	<50	<250	<50	231	<5000	2750	8330	<1	<250	<1000	<50	<1000	-	<150	11,500
BH103M-03	2018-05-03	1.5-1.8	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	80	7200	<250	3370	<1	<250	<1000	<50	<1000	-	<150	<500
Z102 (Dup of BH103M-03)	2018-05-03	1.5-1.8	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	9700	<250	3120	<1	<250	<1000	<50	<1000	-	<150	<500

Table for Figure 9b
Soil Results - TCLP Metals
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			Metals																			
			pH (Lab)	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
			pH_Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			0.1	1000	0.01	0.01	20	0.05	0.01	0.01	50	0.01	5000	0.01	500	0.01	250	1000	0.01	1000	0.01	150	0.05
Hazardous Waste Leachate Qualty Standards			**~**	**~**	**2500**	**100000**	**~**	**500000**	**500**	**5000**	**~**	**100000**	**~**	**5000**	**~**	**100**	**~**	**1000**	**5000**	**~**	**~**	**~**	**500000**
Location	**Date**	**Depth (m)**																					
BH105M-01	2018-05-04	0.3-0.6	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	252	<5000	**6770**	3800	<1	<250	<1000	<50	<1000	-	<150	<500
BH105M-02	2018-05-04	1.1-1.4	2.86	<1000	<1000	5000	<25	<500	110	<250	<50	152	42,200	**29,300**	8390	<1	520	<1000	<50	<1000	-	<150	46,800
BH105M-03	2018-05-04	1.5-1.8	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	13,000	<250	2950	<1	<250	<1000	<50	<1000	-	<150	<500
BH106M-01	2018-05-04	0.3-0.6	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	13,500	<1	<250	<1000	<50	<1000	-	<150	<500
BH106M-02	2018-05-04	1-1.3	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	1220	<5000	1250	1660	<1	<250	<1000	<50	<1000	-	<150	750
BH121M-04	2018-05-08	2.6-2.9	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	1020	4840	<1	<250	<1000	<50	<1000	-	<150	<500
BH125M-01	2018-05-09	0.3-0.6	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	7620	<1	<250	<1000	<50	<1000	-	<150	<500
BH125M-02	2018-05-09	1.1-1.4	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	148	<5000	1240	2370	<1	<250	<1000	<50	<1000	-	<150	<500
BH125M-05	2018-05-09	3-3.3	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	54	<5000	<250	1190	<1	<250	<1000	<50	<1000	-	<150	<500
BH125M-06	2018-05-10	4.5-4.8	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	18,400	<1	<250	<1000	<50	<1000	-	<150	<500
BH129M-01	2018-05-09	0.3-0.6	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	3090	<1	<250	<1000	<50	<1000	-	<150	<500
BH129M-02	2018-05-09	1.1-1.4	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	77	<5000	<250	4520	<1	<250	<1000	<50	<1000	-	<150	<500
BH129M-04	2018-05-09	2.7-3	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	24,000	<250	3830	<1	<250	<1000	<50	<1000	-	<150	<500
BH135-01	2018-05-10	0.3-0.6	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	263	<5000	1180	3150	<1	<250	<1000	<50	<1000	-	<150	2660
Z112 (Dup of BH135-01)	2018-05-10	0.3-0.6	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	206	<5000	4510	3980	<1	<250	<1000	<50	<1000	-	<150	1460
BH135-02	2018-05-10	1.2-1.5	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	728	<5000	1720	3060	<1	<250	<1000	<50	<1000	-	<150	7110
BH139-01	2018-05-15	0.2-0.5	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	8240	<1	<250	<1000	<50	<1000	-	<150	<500
BH139-02	2018-05-15	1.2-1.5	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	124	<5000	280	5700	<1	<250	<1000	<50	<1000	-	<150	610
BH140-01	2018-05-15	0.2-0.5	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	4220	<1	<250	<1000	<50	<1000	-	<150	<500
BH145-01	2018-05-15	0.2-0.5	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	4030	<1	<250	<1000	<50	<1000	-	<150	<500
BH145-04	2018-05-15	2.3-2.5	4.91	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	19,400	<250	2270	<1	<250	<1000	<50	<1000	-	<150	<500
BH145-06	2018-05-15	4.9-5.2	4.93	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	19,000	<1	<250	<1000	<50	<1000	-	<150	<500
BH154-02	2018-05-17	1.2-1.5	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	67	<5000	<250	6670	<1	<250	<1000	<50	<1000	-	<150	<500
BH154-03	2018-05-17	2.2-2.5	2.85	<1000	<1000	4100	<25	530	<50	<250	<50	<50	103,000	**5010**	17,400	<1	<250	<1000	<50	<1000	-	<150	4150
Z121 (Dup of BH154-03)	2018-05-17	2.2-2.5	2.85	<1000	<1000	4100	<25	580	<50	<250	<50	<50	113,000	**5750**	17,600	<1	<250	<1000	<50	<1000	-	<150	3120
BH154-04	2018-05-17	2.7-3	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	2520	<1	<250	<1000	<50	<1000	-	<150	<500
BH154-06	2018-05-17	4.2-4.5	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	10,800	<1	<250	<1000	<50	<1000	-	<150	640
BH155-01	2018-05-17	0.2-0.5	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	149	7400	680	5250	<1	<250	<1000	<50	<1000	-	<150	1150
BH155-02	2018-05-17	1.5-1.8	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	7800	<250	2010	<1	<250	<1000	<50	<1000	-	<150	<500
BH155-03	2018-05-17	2.5-2.8	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	5500	<250	1770	<1	<250	<1000	<50	<1000	-	<150	<500
BH155-04	2018-05-17	3.4-3.7	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	1450	<1	<250	<1000	<50	<1000	-	<150	<500
BH156-01	2018-05-17	0.2-0.5	4.9	<1000	<1000	<2500	<25	<500	56	<250	86	4140	<5000	1380	5890	<1	320	<1000	<50	<1000	-	<150	38,900
BH156-02	2018-05-17	1.2-1.5	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	91	5200	<250	1420	<1	<250	<1000	<50	<1000	-	<150	1980
BH156-04	2018-05-17	3-3.3	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	62,600	3000	4120	<1	<250	<1000	<50	<1000	-	<150	5720
BH156-05	2018-05-17	4.2-4.5	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	148	<5000	<250	18,000	<1	<250	<1000	<50	<1000	-	<150	<500
BH157-01	2018-05-17	0.2-0.5	4.9	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	15,400	640	1820	<1	<250	<1000	<50	<1000	-	<150	510
BH157-02	2018-05-17	1.2-1.5	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	2280	<1	<250	<1000	<50	<1000	-	<150	<500
BH157-03	2018-05-17	1.5-1.8	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	2490	<1	<250	<1000	<50	<1000	-	<150	<500
BH157-04	2018-05-17	3.5-3.8	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	1420	<1	<250	<1000	<50	<1000	-	<150	<500
BH157-05	2018-05-17	5.2-5.5	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	53	<5000	<250	17,400	<1	<250	<1000	<50	<1000	-	<150	<500

Table for Figure 9b
Soil Results - TCLP Metals
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			Metals																			
			pH (Lab)	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
			pH_Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL			0.1	1000	0.01	0.01	20	0.05	0.01	0.01	50	0.01	5000	0.01	500	0.01	250	1000	0.01	1000	0.01	150	0.05
Hazardous Waste Leachate Qualty Standards			**~**	**~**	**2500**	**100000**	**~**	**500000**	**500**	**5000**	**~**	**100000**	**~**	**5000**	**~**	**100**	**~**	**1000**	**5000**	**~**	**~**	**~**	**500000**
Location	**Date**	**Depth (m)**																					
BH158-01	2018-05-17	0.3-0.6	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	150	6400	490	2890	<1	<250	<1000	<50	<1000	-	<150	820
BH158-02	2018-05-17	1.2-1.5	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	2170	<1	<250	<1000	<50	<1000	-	<150	<500
BH158-03	2018-05-17	1.6-1.9	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	5100	<250	2240	<1	<250	<1000	<50	<1000	-	<150	<500
Z122 (Dup of BH158-03)	2018-05-17	1.6-1.9	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	2730	<1	<250	<1000	<50	<1000	-	<150	<500
BH158-04	2018-05-17	2.7-3	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	840	<1	<250	<1000	<50	<1000	-	<150	<500
BH158-05	2018-05-17	4-4.3	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	1010	<1	<250	<1000	<50	<1000	-	<150	<500
BH158-06	2018-05-17	5.3-5.6	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	13,300	<250	20,200	<1	<250	<1000	<50	<1000	-	<150	<500
Z125 (Dup of BH158-06)	2018-05-17	5.3-5.6	4.95	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	12,800	<250	19,500	<1	<250	<1000	<50	<1000	-	<150	<500
BH179 - 01	2018-09-05	1-1.5	4.92	<1000	<1000	<2500	<25	<500	<50	<250	<50	65	<5000	<250	3200	<1	<250	<1000	<50	<1000	-	<150	<500
BH179 - 02	2018-09-05	2-2.5	4.92	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	4670	<1	<250	<1000	<50	<1000	-	<150	3270
Z205 (Dup of BH179-02)	2018-09-05	2-2.5	4.92	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	4680	<1	<250	<1000	<50	<1000	-	<150	3210
BH179 - 03	2018-09-05	3-3.5	4.92	<1000	<1000	<2500	<25	<500	<50	<250	<50	57	<5000	<250	3060	<1	<250	<1000	<50	<1000	-	<150	<500
BH179 - 04	2018-09-05	4-4.5	4.92	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	7100	<1	<250	<1000	<50	<1000	-	<150	1040
BH184 - 01	2018-09-05	1-1.5	4.92	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	3030	<1	<250	<1000	<50	<1000	-	<150	<500
BH184 - 02	2018-09-05	2-2.5	4.92	<1000	<1000	<2500	<25	<500	<50	<250	<50	<50	<5000	<250	3020	<1	<250	<1000	<50	<1000	-	<150	3370
BH185 - 02	2018-09-05	2-2.5	4.92	<1000	<1000	<2500	<25	<500	<50	<250	<50	55	<5000	<250	2190	<1	<250	<1000	<50	<1000	-	<150	710
BH185 - 03	2018-09-05	3-3.5	4.92	<1000	<1000	<2500	<25	550	<50	<250	<50	<50	<5000	<250	3600	<1	<250	<1000	<50	<1000	-	<150	<500



Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

SOIL VOLATILE ORGANIC COMPOUND RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS	File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
	5355-01.01	MAR 2019	53550101_F101	DPL	10

Original in colour

PGL ENVIRONMENTAL CONSULTANTS

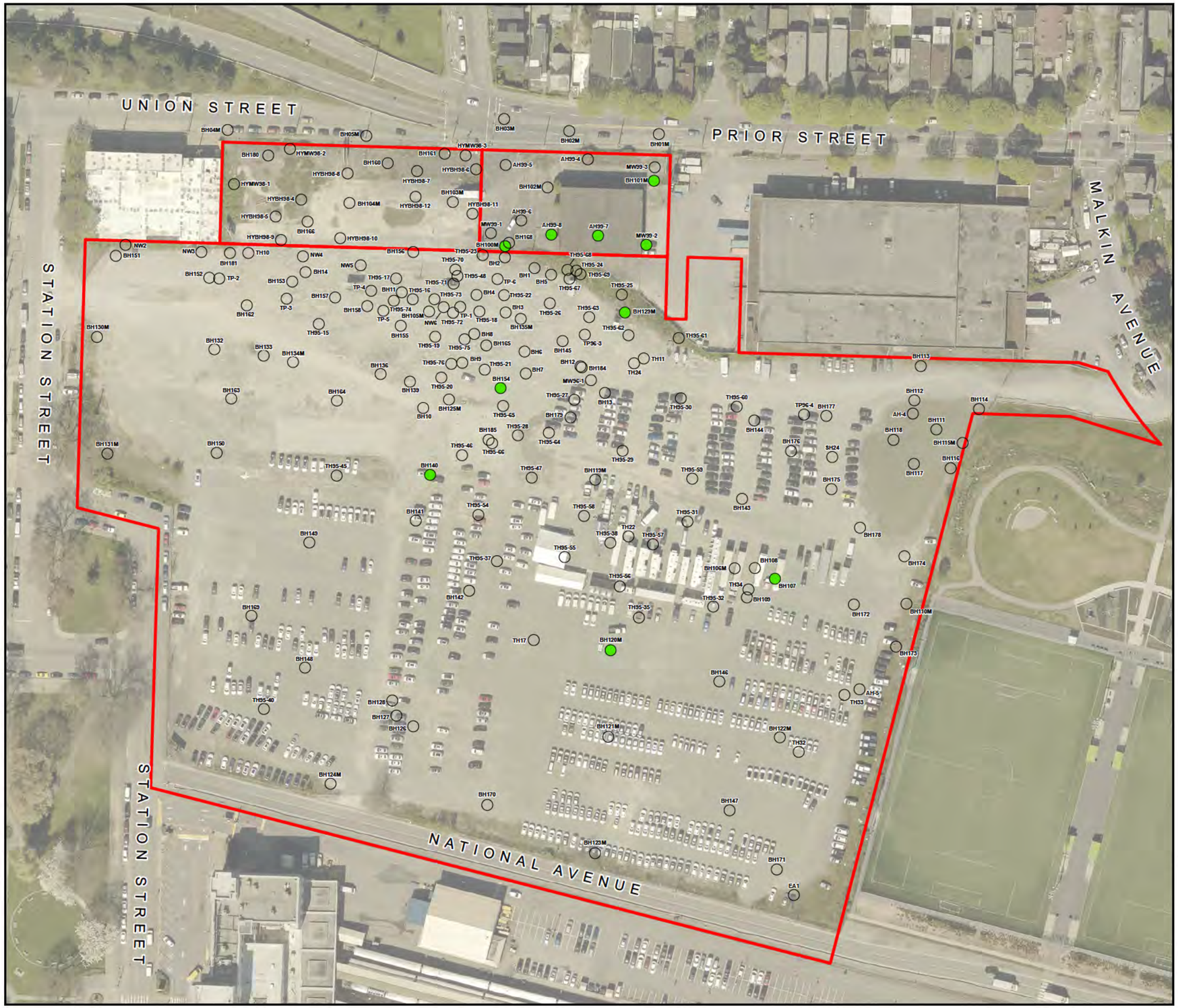
Table for Figure 10
Soil Results - Volatile Organic Compounds
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			VOC																													
			Bromodichloromethane [BDCM]	Bromoform	Carbon tetrachloride	Chlorobenzene	Dibromochloromethane [DBCM]	Chloroethane	Chloroform	Chloromethane	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-	Dichlorobenzene, 1,4-	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethylene, 1,1-	Dichloroethylene, 1,2- cis	Dichloroethylene, 1,2- trans	Dichloromethane	Dichloropropane, 1,2-	Dichloropropene, 1,3- (cis + trans)	cis-1,3-dichloropropene	trans-1,3-dichloropropene	Tetrachloroethane, 1,1,1,2-	Tetrachloroethane, 1,1,2,2-	Tetrachloroethylene	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethylene	Trichlorofluoromethane	Vinyl chloride
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.05	0.05	0.05	0	0.05	0.1	0.1	0.1	0	0	0	0.05	0.05	0.05	0.05	0.05	0.3	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.1	0.1
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	**2.5**	~	~	**0.3**	~	~
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	**1500**	~	~	**150**	~	~
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	**30**	~	~	**25**	~	~
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	**2.5**	~	~	**0.3**	~	~
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	**500**	~	~	**40**	~	~
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	**30**	~	~	**25**	~	~
CSR Sch 3.1 Part 2 CL Human Health			**550**	**4000**	**1000**	**5000**	**400**	~	**2500**	~	**25000**	**7500**	**30000**	**50000**	**350**	**15000**	**500**	**5000**	**1500**	**3500**	**7500**	**7500**	**7500**	**1500**	**150**	~	**500000**	**1000**	~	**70000**	**45**
CSR Sch 3.1 Part 2 RLHD Human Health			**200**	**650**	**350**	**1500**	**150**	~	**850**	~	**7500**	**2500**	**9000**	**15000**	**150**	**4000**	**150**	**1500**	**500**	**1000**	**2500**	**2500**	**2500**	**550**	**70**	~	**150000**	**350**	~	**9000**	**2**
CSR Sch 3.1 Part 3 CL Ecological Health			~	~	**50**	**10**	~	~	**50**	~	**10**	**10**	**10**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	~	~	~	~	~	**50**	**50**	~	~	~
CSR Sch 3.1 Part 3 RLHD Ecological Health			~	~	**50**	**10**	~	~	**50**	~	**10**	**10**	**10**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	~	~	~	~	~	**50**	**50**	~	~	~
Location	**Date**	**Depth (m)**																														
TH27 (2.5-4)	1991-12-18	0.8-1.2	-	-	-	<0.001	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TH32 (5-6.5)	1991-12-19	1.5-2	-	-	-	<0.001	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TH32 (10-11.5)	1991-12-19	3-3.5	-	-	-	<0.001	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TH33 (5-6.5)	1991-12-19	1.5-2	-	-	-	<0.001	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TH33 (12.5-14)	1991-12-19	3.8-4.3	-	-	-	<0.001	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TH34 (2.5-4)	1991-12-19	0.8-1.2	-	-	-	<0.001	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TH34 (15-16.5)	1991-12-19	4.6-5	-	-	-	<0.001	-	-	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW99-3	1999-11-17	2.1-2.7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
AH99-5	1999-11-17	0-0.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.2	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
AH99-6	1999-11-19	0-0.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
AH99-7	1999-11-19	2.1-2.7	-	-	<0.01	<0.01	-	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.03	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-
AH99-8	1999-11-19	2.1-2.7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.3	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BH100M-03	2018-05-03	1.8-2.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH101M-05	2018-05-03	3.1-3.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH102M-03	2018-05-03	2.1-2.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH125M-02	2018-05-09	1.1-1.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH125M-04	2018-05-09	2-2.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH126-01	2018-05-09	0.3-0.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH127-01	2018-05-09	0.3-0.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH127-02	2018-05-09	1.2-1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 10
Soil Results - Volatile Organic Compounds
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			VOC																													
			Bromodichloromethane [BDCM]	Bromoform	Carbon tetrachloride	Chlorobenzene	Dibromochloromethane [DBCM]	Chloroethane	Chloroform	Chloromethane	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-	Dichlorobenzene, 1,4-	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethylene, 1,1-	Dichloroethylene, 1,2- cis	Dichloroethylene, 1,2- trans	Dichloromethane	Dichloropropane, 1,2-	Dichloropropene, 1,3- (cis + trans)	cis-1,3-dichloropropene	trans-1,3-dichloropropene	Tetrachloroethane, 1,1,1,2-	Tetrachloroethane, 1,1,2,2-	Tetrachloroethylene	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethylene	Trichlorofluoromethane	Vinyl chloride
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.05	0.05	0.05	0	0.05	0.1	0.1	0.1	0	0	0	0.05	0.05	0.05	0.05	0.05	0.3	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.1	0.1
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	2.5	~	~	0.3	~	~
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	1500	~	~	150	~	~
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	30	~	~	25	~	~
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	2.5	~	~	0.3	~	~
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	500	~	~	40	~	~
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	30	~	~	25	~	~
CSR Sch 3.1 Part 2 CL Human Health			550	4000	1000	5000	400	~	2500	~	25000	7500	30000	50000	350	15000	500	5000	1500	3500	7500	7500	7500	1500	150	~	500000	1000	~	70000	45
CSR Sch 3.1 Part 2 RLHD Human Health			200	650	350	1500	150	~	850	~	7500	2500	9000	15000	150	4000	150	1500	500	1000	2500	2500	2500	550	70	~	150000	350	~	9000	2
CSR Sch 3.1 Part 3 CL Ecological Health			~	~	50	10	~	~	50	~	10	10	10	50	50	50	50	50	50	50	50	~	~	~	~	~	50	50	~	~	~
CSR Sch 3.1 Part 3 RLHD Ecological Health			~	~	50	10	~	~	50	~	10	10	10	50	50	50	50	50	50	50	50	~	~	~	~	~	50	50	~	~	~
Location	**Date**	**Depth (m)**																														
BH128-02	2018-05-09	1.2-1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
Z113 (Dup of BH128-02)	2018-05-09	1.2-1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH132-02	2018-05-10	1-1.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH133-02	2018-05-10	1.2-1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH134M-02	2018-05-10	1-1.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH134M-04	2018-05-10	2.5-2.8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH135-02	2018-05-10	1.2-1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH136-02	2018-05-10	1.2-1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH139-02	2018-05-15	1.2-1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	0.152	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH139-03	2018-05-15	2.2-2.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH153-03	2018-05-17	2.6-2.9	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH157-01	2018-05-17	0.2-0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH157-02	2018-05-17	1.2-1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH157-03	2018-05-17	1.5-1.8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
BH158-03	2018-05-17	1.6-1.9	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1
Z122 (Dup of BH158-03)	2018-05-17	1.6-1.9	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.1	<0.1



Site Boundary (Approximate)
Sample meets applicable Standards
Not Analyzed

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

SOIL PHENOLS AND PHENOLICS RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS

File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
5355-01.01	MAR 2019	53550101_F111	DPL	11

Original in colour

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 11
Soil Results - Phenols and Phenolics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

				Chlorinated Phenols																		
				2-chlorophenol	3-Chlorophenol	4-chlorophenol	4-chloro-3-methylphenol	2,3-Dichlorophenol	2,4 & 2,5-Dichlorophenol	2,6-dichlorophenol	3,4-Dichlorophenol	3,5-Dichlorophenol	Pentachlorophenol	trichlorophenols	2,3,4-Trichlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	3,4,5-Trichlorophenol	Tetrachlorophenol	2,3,4,5-tetrachlorophenol	2,3,4,6-tetrachlorophenol	2,3,5,6-Tetrachlorophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL				0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	~	0.02	0.02	0.02	0.02	0.02	0.02	~	0.02	0.02	0.02
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)				~	~	~	~	~	~	~	~	~	0.1-300[2]	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)				~	~	~	~	~	~	~	~	~	550	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)				~	~	~	~	~	~	~	~	~	55	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)				~	~	~	~	~	~	~	~	~	0.1-300[2]	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)				~	~	~	~	~	~	~	~	~	200	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)				~	~	~	~	~	~	~	~	~	55	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.1 Part 2 CL Human Health				1500	750	750	25000	750	~	750	750	750	~	~	250	250	250	25000	250	250	~	750	7500	750
CSR Sch 3.1 Part 2 RLHD Human Health				400	250	250	3000	250	~	250	250	250	~	~	85	85	85	8500	85	85	~	250	2500	250
CSR Sch 3.1 Part 3 CL Ecological Health				5	5	5	~	5	~	5	5	5	~	~	5	5	5	5	5	5	~	5	5	5
CSR Sch 3.1 Part 3 RLHD Ecological Health				5	5	5	~	5	~	5	5	5	~	~	5	5	5	5	5	5	~	5	5	5
Location	**Date**	**Depth (m)**																						
MW99-2	1999-11-17	1.5-2.1		-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-	-	-	<0.02	-	-	-
AH99-7	1999-11-19	2.1-2.7		-	-	-	-	-	-	-	-	-	<0.02	<0.02	-	-	-	-	-	-	<0.02	-	-	-
AH99-8	1999-11-19	2.1-2.7		-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-	-	-	<0.02	-	-	-
BH100M-03	2018-05-03	1.8-2.1		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
BH101M-03	2018-05-03	1.6-1.9		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
BH107-05	2018-05-04	3-3.3		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
Z105 (Dup of BH107-05)	2018-05-04	3-3.3		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
BH120M-06	2018-05-07	3.9-4.2		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
BH129M-04	2018-05-09	2.7-3		<0.02	<0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
BH140-06	2018-05-15	6.5-6.8		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
BH154-03	2018-05-17	2.2-2.5		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
Z121 (Dup of BH154-03)	2018-05-17	2.2-2.5		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02

Table for Figure 11
Soil Results - Phenols and Phenolics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

			Non-Chlorinated Phenols								
			Butylated Hydroxytoluene	2,4-dimethylphenol	2,6-Dimethylphenol	3,4-Dimethylphenol	p-Hydroquinone	2-methylphenol	3-Methylphenol	4-methylphenol	Phenol
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RDL			0.2	0.02	0.02	0.02	0.2	0.02	0.02	0.02	0.02
CSR Sch 3.1 Part 1 CL (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**15**
CSR Sch 3.1 Part 1 CL (Intake of Contam Soil)			**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**75000**
CSR Sch 3.1 Part 1 CL (Toxicity to soil invertebrates and plants)			**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**200**
CSR Sch 3.1 Part 1 RL-HD (GW flow to marine SW used by aquatic life)			**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**15**
CSR Sch 3.1 Part 1 RL-HD (Intake of Contam Soil)			**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**25000**
CSR Sch 3.1 Part 1 RL-HD (Toxicity to soil invertebrates and plants)			**~**	**~**	**~**	**~**	**~**	**~**	**~**	**~**	**200**
CSR Sch 3.1 Part 2 CL Human Health			**~**	**5000**	**150**	**250**	**550**	**15000**	**15000**	**1500**	**~**
CSR Sch 3.1 Part 2 RLHD Human Health			**~**	**1500**	**50**	**85**	**250**	**4000**	**4000**	**400**	**~**
CSR Sch 3.1 Part 3 CL Ecological Health			**~**	**10**	**~**	**~**	**~**	**10**	**10**	**10**	**~**
CSR Sch 3.1 Part 3 RLHD Ecological Health			**~**	**10**	**~**	**~**	**~**	**10**	**10**	**10**	**~**
Location	**Date**	**Depth (m)**									
MW99-2	1999-11-17	1.5-2.1	-	-	-	-	-	-	-	-	-
AH99-7	1999-11-19	2.1-2.7	-	-	-	-	-	-	-	-	-
AH99-8	1999-11-19	2.1-2.7	-	-	-	-	-	-	-	-	-
BH100M-03	2018-05-03	1.8-2.1	<0.2	<0.02	<0.02	<0.02	<0.2	<0.02	<0.02	<0.02	<0.02
BH101M-03	2018-05-03	1.6-1.9	<0.2	<0.02	<0.02	<0.02	<0.2	<0.02	<0.02	<0.02	<0.02
BH107-05	2018-05-04	3-3.3	<0.2	<0.02	<0.02	<0.02	<0.2	<0.02	<0.02	<0.02	<0.02
Z105 (Dup of BH107-05)	2018-05-04	3-3.3	<0.2	<0.02	<0.02	<0.02	<0.2	<0.02	<0.02	<0.03	<0.02
BH120M-06	2018-05-07	3.9-4.2	<0.2	<0.02	<0.02	<0.02	<0.2	<0.03	<0.02	<0.03	<0.02
BH129M-04	2018-05-09	2.7-3	<0.2	<0.06	<0.02	<0.02	<0.2	<0.02	<0.02	<0.03	<0.02
BH140-06	2018-05-15	6.5-6.8	-	<0.02	<0.02	<0.02	<0.2	<0.04	<0.02	<0.04	<0.02
BH154-03	2018-05-17	2.2-2.5	-	<0.09	<0.02	<0.02	<0.2	<0.02	<0.02	<0.04	<0.02
Z121 (Dup of BH154-03)	2018-05-17	2.2-2.5	-	<0.08	<0.02	<0.02	<0.2	<0.02	<0.02	<0.03	<0.02

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

GROUNDWATER HYDROCARBON RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS	File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
	5355-01.01	MAR 2019	53550101_F121	DPL	12

Original in colour

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 12
Groundwater Results - Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

	EPH				MAH							
	EPH C10-C19	EPH C19-C32	LEPH	HEPH	Benzene	Ethylbenzene	Toluene	Styrene	Xylenes, total	VHw6-10	VPH	Methyl tert-butyl ether [MTBE]
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL	250	250	250	250	0	0	0	0.05	0.75	100	100	0.5
CSR Sch 3.2 AW (Marine)	**5000**	**~**	**500**	**~**	**1000**	**2500**	**2000**	**720**	**300**	**15000**	**1500**	**4400**
Location	**Date**											
TH24	1992-01-06	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
TH25	1992-01-06	-	-	-	-	1.7	<0.5	0.5	-	-	-	-	-
TH33	1992-01-06	-	-	-	-	0.5	<0.5	2.1	-	-	-	-	-
TH34	1992-01-06	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
TH35	1992-01-06	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
MW96-1	1998-10-07	-	-	-	-	<0.5	<0.5	2	-	-	-	-	-
MW96-1	2002-04-25	<300	<1000	<300	<1000	-	-	-	-	-	-	-	-
MW96-1	2003-06-08	<300	<1000	<300	<1000	<0.5	<0.5	<0.5	<1	<1	<100	<100	-
MW96-1	2004-07-28	<300	<1000	<300	<1000	<0.5	<0.5	<1	<1	<1	<100	<100	-
MW96-1	2009-02-04	<250	<250	<250	<250	<0.5	<0.5	<1	<0.5	<1	<100	<100	<0.5
MW96-1	2014-12-08	<250	<250	<250	<250	<0.5	<0.5	<0.5	<0.5	<0.75	-	-	<0.5
HYMW98-1	1998-10-07	<500	<1000	<500	<1000	<0.5	<0.5	<0.5	-	-	-	-	-
HYMW98-1	1999-03-15	<300	<1000	<300	<1000	<0.5	<0.5	<0.5	-	-	<100	<100	-
HYMW98-2	1998-10-14	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
HYMW98-2	1999-03-15	-	-	-	-	<0.5	<0.5	<0.5	-	-	<100	<100	-
HYMW98-3	1999-03-15	<300	<1000	<300	<1000	<0.5	<0.5	<0.5	-	-	<100	<100	-
MW98-1	1998-10-07	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
MW98-1 FD	1998-10-07	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
MW98-2	2002-04-25	<300	<1000	<300	<1000	-	-	-	-	-	-	-	-
MW98-2	2003-06-08	<300	<1000	<300	<1000	<0.5	<0.5	0.6	<1	<1	<100	<100	-
MW98-2	2004-07-27	<300	<1000	<300	<1000	<0.5	<0.5	<1	<1	<1	<100	<100	-
MW98-2	2009-02-04	<250	<250	<250	<250	<0.5	<0.5	<1	<0.5	<1	<100	<100	<0.5
MW98-2	2014-12-08	<250	<250	<250	<250	<0.5	<0.5	<0.5	<0.5	<0.75	-	-	<0.5
MW98-3	1998-10-07	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
MW98-4	1998-10-07	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
MW98-5	1998-10-07	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
MW98-6	1998-10-07	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	-	-
MW99-1	1999-11-24	<300	<1000	<300	<1000	<0.5	<0.5	<0.5	-	-	<100	<100	-
MW99-2	1999-11-24	500	<1000	500	<1000	<0.5	<0.5	1.5	-	-	<100	<100	-
MW99-3	1999-11-24	<300	<1000	<300	-	<0.5	<0.5	<0.5	-	-	<100	<100	-
BH04M	2016-08-09	<250	<250	<250	<250	<0.5	<0.5	0.58	<0.5	<0.75	<100	<100	<0.5
Z02 (Dup of BH04M)	2016-08-09	-	-	-	-	<0.5	<0.5	0.55	<0.5	<0.75	<100	<100	<0.5
BH05M	2016-08-09	<350	<350	<350	<350	<0.5	<0.5	<0.5	<0.5	<0.75	<100	<100	<0.5

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 12
Groundwater Results - Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

	EPH				MAH							
	EPH C10-C19	EPH C19-C32	LEPH	HEPH	Benzene	Ethylbenzene	Toluene	Styrene	Xylenes, total	VHw6-10	VPH	Methyl tert-butyl ether [MTBE]
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL	250	250	250	250	0	0	0	0.05	0.75	100	100	0.5
CSR Sch 3.2 AW (Marine)	**5000**	**~**	**500**	**~**	**1000**	**2500**	**2000**	**720**	**300**	**15000**	**1500**	**4400**
Location	**Date**											
BH100M-D	2018-05-25	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
Z02 (Dup of BH100M-D)	2018-05-25	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH100M-S	2018-05-24	<250	<250	<250	<250	<0.5	<0.5	0.82	<0.5	<0.75	<100	<100	<0.5
BH101M-D	2018-05-25	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH101M-S	2018-05-25	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH102M-D	2018-05-25	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH102M-S	2018-05-25	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH103M	2018-05-25	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH104M	2018-05-25	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH105M-D	2018-05-25	<250	<250	<250	<250	-	-	-	-	-	-	-	-
BH105M-S	2018-05-28	<250	<250	<250	<250	-	-	-	-	-	-	-	-
BH110M	2018-05-24	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH115M	2018-05-24	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH119M	2018-05-24	<250	<250	<250	<250	<0.5	<0.5	0.48	<0.5	<0.75	<100	<100	<0.5
BH120M	2018-05-18	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH121M	2018-05-18	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
Z01 (Dup of BH121M)	2018-05-18	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH122M	2018-05-18	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH123M	2018-05-18	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH124M	2018-05-18	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH125M	2018-05-24	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH129M	2018-05-28	<250	<250	<250	<250	-	-	-	-	-	-	-	-
Z02 (Dup of BH129M)	2018-05-28	<250	<250	<250	<250	-	-	-	-	-	-	-	-
BH130M	2018-05-18	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH131M	2018-05-18	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH134M	2018-05-25	<250	<250	<250	<250	<0.5	<0.5	<0.45	<0.5	<0.75	<100	<100	<0.5
BH135M	2018-05-28	<250	<250	<250	<250	-	-	-	-	-	-	-	-

Site Boundary (Approximate)
Sample meets applicable Standards
Sample exceeds applicable Standards
Historically exceeded Standards for PAH parameters, but multiple annual samples have mets Standards
Not Analyzed

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

GROUNDWATER POLYCYCLIC AROMATIC HYDROCARBON RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS

File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
5355-01.01	MAR 2019	53550101_F131	DPL	13

Original in colour

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 13
Groundwater Results - Polycyclic Aromatic Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		PAH																					
		1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Benzo(b)fluoranthene	Benzo[b+j]fluoranthene	Benzo(b)&(k)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.05	0.05	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.05	0.01	0.015	0.01	0.01	0.005	0.01	0.01	0.01	0.05	0.02	0.01	0.05
CSR Sch 3.2 AW (Marine)		**~**	**~**	**60**	**~**	**0.5**	**1**	**1**	**0.1**	**~**	**~**	**~**	**~**	**~**	**1**	**~**	**2**	**120**	**~**	**10**	**3**	**0.2**	**34**
Location	**Date**																						
TH95-19	1996-05-29	-	-	0.2	<0.1	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.05	<0.05	<0.01	<0.3	<0.05	<0.2	-
TH95-22	1996-05-29	-	-	<0.2	<0.2	0.18	<0.1	<0.07	0.06	0.04	0.11	-	-	-	0.09	<0.02	0.21	<0.1	0.03	<0.6	<0.1	**0.25**	-
MW96-1	1996-05-29	-	-	0.9	<0.1	0.05	0.44	0.13	**0.1**	0.05	0.15	-	-	-	0.17	0.02	0.53	0.81	0.05	0.7	1.8	**0.45**	-
MW96-1	1998-10-07	-	-	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	0.11	<0.05	<0.05	-
MW96-1	2002-04-25	-	-	<0.05	<0.05	<0.05	0.08	0.12	**0.11**	0.06	0.13	-	-	<0.05	0.1	<0.05	0.27	<0.05	0.06	<0.05	0.23	**0.25**	-
MW96-1	2003-06-08	-	-	0.09	<0.05	<0.05	0.2	0.4	**0.4**	0.2	0.45	-	-	0.2	<0.4	0.06	0.82	0.1	0.23	<0.2	0.74	**0.78**	<0.05
MW96-1	2004-07-28	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW96-1	2009-02-04	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW96-1	2014-12-08	-	-	0.061	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	-	-	<0.05	<0.5	<0.05	<0.05	0.052	<0.05	0.058	<0.05	<0.05	<0.05
HYMW98-1	1998-10-07	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
HYMW98-1	1999-03-15	-	-	0.47	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.15	<0.05	<0.05	<0.05	<0.05	-
HYMW98-2	1998-10-14	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	-
HYMW98-2	1999-03-15	-	-	<0.05	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
HYMW98-3	1999-03-15	-	-	<0.05	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
MW98-1	1998-10-07	-	-	0.38	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	0.09	0.12	<0.05	0.06	0.2	0.06	-
MW98-2	2002-04-25	-	-	0.58	0.07	<0.05	0.28	0.49	**0.51**	0.33	0.71	-	-	0.22	0.6	0.07	1.26	0.28	0.35	0.3	0.82	**1.13**	-
MW98-2	2003-06-08	-	-	0.96	0.12	<0.05	0.38	0.75	**0.82**	0.46	1.13	-	-	0.42	0.96	0.13	**2.06**	0.53	0.52	<0.4	1.47	**1.8**	<0.05
MW98-2	2004-07-27	-	-	0.225	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	0.074	<0.05	0.065	0.052	<0.05	<0.05
MW98-2	2009-02-04	-	-	<0.05	<0.05	<0.05	0.052	<0.05	<0.01	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW98-2	2014-12-08	-	-	1.75	<0.05	<0.05	0.111	<0.05	<0.01	<0.05	<0.05	-	-	<0.05	<0.5	<0.05	0.058	1.33	<0.05	1.77	0.161	<0.05	<0.05
MW98-3	1998-10-07	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.12	<0.05	<0.05	-
MW98-4	1998-10-07	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
MW98-5	1998-10-07	-	-	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	0.07	0.1	0.05	-
MW98-6	1998-10-07	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
MW99-1	1999-11-24	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
MW99-2	1999-11-24	-	-	<0.05	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.12	<0.05	<0.05	-
MW99-3	1999-11-24	-	-	<0.05	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
BH04M	2016-08-09	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.073	<0.05	<0.05	<0.05
BH05M	2016-08-09	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.086	<0.05	<0.05	<0.05
BH100M-D	2018-05-25	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	0.083	<0.02	<0.01	<0.05
Z02 (Dup of BH100M-D)	2018-05-25	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	0.079	<0.02	<0.01	<0.05
BH100M-S	2018-05-24	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	0.062	<0.02	<0.01	<0.05

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 13
Groundwater Results - Polycyclic Aromatic Hydrocarbons
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		PAH																					
		1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Acridine	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Benzo(b)fluoranthene	Benzo[b+j]fluoranthene	Benzo(b)&(k)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.05	0.05	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.05	0.01	0.015	0.01	0.01	0.005	0.01	0.01	0.01	0.05	0.02	0.01	0.05
CSR Sch 3.2 AW (Marine)		**~**	**~**	**60**	**~**	**0.5**	**1**	**1**	**0.1**	**~**	**~**	**~**	**~**	**~**	**1**	**~**	**2**	**120**	**~**	**10**	**3**	**0.2**	**34**
Location	**Date**																						
BH101M-D	2018-05-25	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05
BH101M-S	2018-05-25	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05
BH102M-D	2018-05-25	<0.05	<0.05	0.018	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	0.066	<0.02	<0.01	<0.05
BH102M-S	2018-05-25	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05
BH103M	2018-05-25	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05
BH104M	2018-05-25	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05
BH105M-D	2018-05-25	0.226	0.08	0.101	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	0.03	<0.01	<0.2	0.035	<0.01	<0.05
BH105M-S	2018-05-28	1.97	0.758	0.157	<0.03	<0.03	<0.03	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	0.027	0.155	<0.01	<0.8	0.076	0.026	<0.2
BH110M	2018-05-24	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	0.054	<0.02	<0.01	<0.05
BH115M	2018-05-24	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	0.057	<0.02	<0.01	<0.05
BH119M	2018-05-24	1.87	0.798	4	0.077	<0.03	0.26	0.023	0.0124	<0.01	-	0.013	<0.015	<0.01	0.02	<0.005	0.381	1.71	<0.01	2.96	1.61	**0.28**	<0.08
BH120M	2018-05-18	0.699	0.75	0.187	0.013	<0.02	<0.2	0.012	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.02	<0.005	0.154	0.283	<0.01	2.21	0.714	0.146	<0.05
BH121M	2018-05-18	0.161	0.127	0.62	<0.01	<0.02	0.08	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	0.255	0.322	<0.01	0.426	0.75	0.176	<0.05
Z01 (Dup of BH121M)	2018-05-18	0.171	0.136	0.692	<0.01	<0.02	<0.08	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	0.285	0.35	<0.01	0.47	0.827	0.191	<0.05
BH122M	2018-05-18	<0.05	0.056	0.035	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	0.018	<0.01	0.131	<0.03	0.015	<0.05
BH123M	2018-05-18	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	0.016	<0.05
BH124M	2018-05-18	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05
BH125M	2018-05-24	0.082	0.06	0.014	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	0.021	<0.01	0.165	<0.02	<0.01	<0.05
BH129M	2018-05-28	0.414	0.328	1.22	0.02	<0.04	0.498	0.029	0.0124	<0.01	-	0.014	<0.015	<0.01	0.032	<0.005	0.756	0.939	<0.01	0.428	2.35	**0.532**	<0.05
Z02 (Dup of BH129M)	2018-05-28	0.386	0.308	1.17	0.019	<0.03	0.482	0.036	0.0204	0.012	-	0.021	0.035	0.014	0.038	<0.005	0.724	0.873	0.013	0.401	2.24	**0.523**	<0.05
BH130M	2018-05-18	0.061	0.066	0.188	<0.01	<0.02	0.018	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	0.027	0.03	<0.01	0.113	0.058	0.033	<0.05
BH131M	2018-05-18	<0.05	<0.05	0.228	<0.01	<0.03	<0.02	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	0.037	<0.02	<0.01	0.055	0.032	0.034	<0.05
BH134M	2018-05-25	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	-	<0.01	<0.015	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.05	<0.02	<0.01	<0.05
BH135M	2018-05-28	0.05	<0.05	0.192	0.016	<0.03	0.069	0.098	0.0956	0.077	-	0.112	0.164	0.052	0.112	0.0152	0.374	0.085	0.076	0.144	0.326	**0.367**	<0.05

Site Boundary (Approximate)
Sample meets applicable Standards
Sample exceeds applicable Standards
Historical sample results show a risk of groundwater exceedance

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

GROUNDWATER METALS RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS

File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
5355-01.01	MAR 2019	53550101_F141	DPL	14

Original in colour

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 14
Groundwater Results - Metals
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		Metals																																
		Hardness as CaCO3	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (P)	Selenium	Silver	Sodium	Strontium	Tellurium	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc
		mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.2 AW (Marine)		**~**	**~**	**2500**	**125**	**5000**	**1000**	**12000**	**15**	**15**	**15**	**560**	**40**	**20**	**~**	**20**	**~**	**~**	**~**	**0.25**	**10000**	**83**	**~**	**20**	**15**	**~**	**~**	**~**	**3**	**~**	**1000**	**~**	**85**	**~**	**100**
Location	**Date**																																	
TH24	1992-01-06	-	<200	<200	<200	203	<5	-	<10	<15	-	-	<15	<10	4460	<50	<15	8270	1560	-	<30	<20	<0.3	<200	<15	13.2	828	-	<100	<300	<10	<100	-	<30	18
TH25	1992-01-06	-	980	<200	<200	16	<5	-	<10	<15	-	-	<15	<10	721	<50	<15	2600	171	-	<30	<20	0.53	<200	<15	34.7	49	-	<100	<300	51	<100	-	<30	6
TH32	1992-01-06	-	<200	<200	<200	11	<5	-	<10	<15	-	-	<15	<10	2170	<50	<15	7620	1310	-	<30	<20	<0.3	<200	<15	7.3	367	-	<100	<300	<10	<100	-	<30	6
TH33	1992-01-06	-	<200	<200	<200	<10	<5	-	<10	<15	-	-	<15	<10	166	<50	<15	2330	554	-	<30	<20	<0.3	<200	<15	6.9	145	-	<100	<300	<10	<100	-	<30	<5
TH34	1992-01-06	-	<200	<200	<200	73	<5	-	<10	<15	-	-	<15	<10	12,400	<50	<15	6150	922	-	<30	<20	<0.3	<200	<15	57.1	233	-	<100	<300	<10	<100	-	<30	11
TH35	1992-01-06	-	<200	<200	<200	13	<5	-	<10	<15	-	-	<15	12	1530	<50	<15	5600	771	-	<30	<20	<0.3	<200	<15	27.6	194	-	<100	<300	<10	<100	-	<30	18
TH95-19	1995-01-01	-	<150	-	<1	160	<3	-	<0.2	<30	-	-	<20	<15	16,600	<1	-	-	1210	<0.05	<1	<25	-	<1	<30	-	-	-	-	<30	-	-	-	<15
TH95-22	1995-01-01	-	<150	-	3	140	<3	-	<0.2	<30	-	-	<20	<15	150	<1	-	-	1490	<0.05	<1	<25	-	<1	<30	-	-	-	-	<30	-	-	-	<15
TH95-22	1998-10-14	276	<5	<200	<200	100	<5	200	<0.2	<10	-	-	<10	<10	760	<1	-	8600	2490	<0.05	<30	<50	-	<1	<0.1	-	-	-	<0.1	-	-	-	0.04	-	24
MW96-1	1998-10-07	387	10	<200	<200	260	<5	400	<0.4	<10	-	-	<10	<10	35,500	<2	-	10,000	1060	<0.05	<30	<50	-	<2	<0.2	-	-	-	<0.2	-	-	-	0.11	-	<5
MW96-1	2001-03-29	105	15	<200	<200	30	<5	<100	<0.2	<10	-	-	<10	<10	1560	<1	-	1600	55	<0.05	<30	<50	-	<1	<0.1	2	-	-	<0.1	-	-	-	0.17	-	57
MW96-1	2002-04-25	99.9	10	<0.5	<1	30	<5	<100	<0.05	<0.5	-	-	1.1	<1	2050	<1	-	1900	110	<0.2	<1	<50	-	<1	<0.05	<2	-	-	<0.2	-	<50	-	<0.2	<30	56
MW96-1	2003-06-08	255	<20	<1	5	130	<5	100	<0.1	<2	-	-	2	<2	26,600	<2	-	5600	220	<0.2	2	<10	-	<2	<0.1	3	-	-	<0.4	-	<50	-	1.1	<30	34
MW96-1	2004-07-28	233	12	<0.5	7.1	104	<5	<100	<0.05	<0.5	-	-	1.96	<1	37,200	<1	-	5080	244	<0.2	4.9	<5	-	<1	<0.05	2.9	-	-	<0.2	-	<50	-	0.71	<30	21.1
MW96-1	2009-02-04	48.2	<10	0.9	<1	<20	<5	<100	<0.05	<0.5	-	-	<0.5	3.4	<30	<1	-	1090	<10	<0.2	<1	<5	-	<1	<0.05	<2	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW96-1	2014-12-08	590	11	<0.5	<1	377	<0.5	490	<0.05	<0.5	-	-	0.89	<1	60,200	<1	-	20,400	1360	<0.2	<1	<5	-	<1	<0.05	18.7	-	-	<0.2	-	<50	-	<0.2	<30	<5
HYMW98-1	1998-10-07	39.8	10	<200	<200	<10	<5	<100	0.3	<10	-	-	<10	10	40	<1	-	2700	130	<0.05	<30	<50	-	<1	<0.1	-	-	-	0.1	-	-	-	0.13	-	**125**
HYMW98-1	1999-03-15	64.6	21	<200	<200	10	<5	200	<0.2	<10	-	-	<10	<10	4640	<1	-	7600	198	<0.05	<30	<50	-	<1	<0.1	47	-	-	<0.1	-	-	-	0.23	-	15
HYMW98-1	2001-03-15	55.5	62	<200	<200	30	<5	100	<0.2	<10	-	-	<10	<10	8860	<1	-	2000	225	<0.05	<30	<50	-	<1	<0.1	7	-	-	<0.1	-	-	-	0.06	-	<5
HYMW98-1	2002-04-25	64.4	60	<0.5	4	90	<5	100	<0.05	<2	-	-	0.5	<1	12,600	<1	-	3400	370	<0.2	<1	<50	-	<1	<0.05	11	-	-	<0.2	-	<50	-	<0.2	<30	<5
HYMW98-1	2003-06-08	49.3	40	1.2	5	170	<5	100	<0.05	<0.5	-	-	<0.5	<1	8950	<1	-	1600	190	<0.2	<1	<5	-	<1	<0.05	7	-	-	<0.2	-	<50	-	<0.2	<30	<5
HYMW98-1	2004-07-27	117	<10	0.91	4.6	186	<5	210	<0.05	<0.5	-	-	<0.5	<1	2960	<1	-	2550	306	<0.2	2.2	<5	-	<1	<0.05	5.6	-	-	<0.2	-	<50	-	0.65	<30	<5
HYMW98-1	2009-02-05	93.1	<10	<0.5	1.2	89	<5	130	<0.05	<0.5	-	-	<0.5	<1	10,800	<1	-	2700	524	<0.2	<1	<5	-	<1	<0.05	5.4	-	-	<0.2	-	<50	-	<0.2	<30	<5
HYMW98-2	1998-10-14	382	9	<200	<200	220	<5	500	<0.2	<10	-	-	<10	<10	<30	<1	-	28,300	553	<0.05	<30	<50	-	1	<0.1	-	-	-	0.1	-	-	-	3.4	-	<5
HYMW98-2	1999-03-15	443	20	<200	<200	80	<5	600	<0.4	<10	-	-	<10	<10	880	<2	-	8900	358	<0.05	<30	<50	-	<2	<0.2	21	-	-	<0.2	-	-	-	0.53	-	<5
HYMW98-2	2001-03-15	532	80	<200	<200	70	<5	700	<1	<10	-	-	<10	<10	120	<5	-	9700	22	<0.05	<30	<50	-	<5	<0.5	24	-	-	<0.5	-	-	-	0.46	-	6
HYMW98-2	2002-04-25	379	200	<3	<5	50	<5	600	<0.3	<3	-	-	<3	<5	140	<5	-	8700	<10	<0.2	<5	<50	-	<5	<0.3	25	-	-	<1	-	<50	-	<1	<30	5
HYMW98-2	2003-06-08	444	100	2	<2	70	<5	700	<0.1	<4	-	-	4	3	90	<2	-	11,200	30	<0.2	3	<10	-	<2	<0.1	27	-	-	<0.4	-	<50	-	0.8	<30	6
HYMW98-2	2004-07-27	417	<20	1.2	<2	67	<5	710	0.12	<1	-	-	<1	<2	<30	<2	-	11,200	85	<0.2	2	<10	-	<2	<0.1	23.8	-	-	<0.4	-	<50	-	<0.4	<30	5.8
HYMW98-2	2009-02-05	367	<20	<1	<2	50	<5	350	<0.1	<2	-	-	<1	<2	<30	<2	-	8830	68	<0.2	<2	<10	-	<2	<0.1	11.7	-	-	<0.4	-	<50	-	<0.4	<30	<5
HYMW98-2	2014-12-09	409	<10	1.99	<1	72	<0.5	760	<0.05	0.75	-	-	<0.5	<1	<30	<1	-	10,200	<10	<0.2	2	<5	-	1.9	<0.05	15.3	-	-	<0.2	-	<50	-	0.58	<30	<5
HYMW98-3	1999-03-15	348	10	<200	<200	270	<5	700	0.6	<10	-	-	<10	<10	380	<2	-	22,700	3370	<0.05	<30	<50	-	<2	<0.2	40	-	-	0.3	-	-	-	2.63	-	45
HYMW98-3	2002-04-25	309	<50	<3	<5	190	<5	500	<0.3	<3	-	-	6	<5	9920	<5	-	25,500	4680	<0.2	<5	<50	-	<5	<0.3	38	-	-	<1	-	<50	-	1	<30	30
HYMW98-3	2003-06-08	286	<20	<1	3	170	<5	600	<0.1	<1	-	-	8	<2	16,500	<2	-	18,100	2920	<0.2	<2	<10	-	<2	<0.1	35	-	-	<0.4	-	<50	-	<0.4	<30	18
HYMW98-3	2004-07-27	221	<10	0.97	1	116	<5	500	0.062	<0.5	-	-	1.43	3.4	8450	2	-	20,200	989	<0.2	<1	6.8	-	<1	<0.05	26	-	-	<0.2	-	<50	-	<0.2	<30	26.9
HYMW98-3	2014-12-09	126	<10	<0.5	<1	40	<0.5	370	0.051	<0.5	-	-	<0.5	1.1	<30	<1	-	9800	12	<0.2	<1	<5	-	<1	<0.05	10.4	-	-	<0.2	-	<50	-	<0.2	<30	5.6

Table for Figure 14
Groundwater Results - Metals
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		Metals																																
		Hardness as CaCO3	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (P)	Selenium	Silver	Sodium	Strontium	Tellurium	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc
		mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.2 AW (Marine)		**~**	**~**	**2500**	**125**	**5000**	**1000**	**12000**	**15**	**15**	**15**	**560**	**40**	**20**	**~**	**20**	**~**	**~**	**~**	**0.25**	**10000**	**83**	**~**	**20**	**15**	**~**	**~**	**~**	**3**	**~**	**1000**	**~**	**85**	**~**	**100**
Location	**Date**																																	
MW98-1	1998-10-07	215	5	<200	<200	370	<5	300	<0.2	<10	-	-	<10	<10	8490	<1	-	6900	1210	<0.05	<30	<50	-	<10	<0.1	-	-	-	<0.1	-	-	-	0.34	-	<5
MW98-1 FD	1998-10-07	219	7	<200	<200	370	<5	300	<0.2	<10	-	-	<10	<10	8640	<1	-	7000	1240	<0.05	<30	<50	-	<1	<0.1	-	-	-	<0.1	-	-	-	0.34	-	<5
MW98-2	1998-10-07	241	40	<200	<200	190	<5	1100	<0.4	<10	-	-	<10	<10	15,200	<2	-	29,500	1070	<0.5	<30	<50	-	<2	<0.2	-	-	-	0.2	-	-	-	0.37	-	<5
MW98-2	2001-03-29	227	782	<200	<200	260	<5	200	0.3	<10	-	-	<10	<10	11,200	8	-	6500	1030	<0.05	<30	<50	-	<1	<0.1	11	-	-	<0.1	-	-	-	0.62	-	**702**
MW98-2	2002-04-25	219	<50	<3	5	350	<5	400	<0.3	<3	-	-	<3	<5	22,300	<5	-	13,300	1300	<0.2	<5	<50	-	<5	<0.3	31	-	-	<1	-	<50	-	<1	<30	87
MW98-2 FD	2002-04-25	217	<50	<3	<5	340	<5	400	<0.3	<3	-	-	<3	<5	22,000	<5	-	13,000	1280	<0.2	<5	<50	-	<5	<0.3	30	-	-	<1	-	<50	-	<1	<30	85
MW98-2	2003-06-08	244	20	<1	6	340	<5	400	<0.1	<4	-	-	<1	<2	27,700	<2	-	13,800	1320	<0.2	<2	<10	-	<2	<0.1	22	-	-	<0.4	-	<50	-	<0.4	<30	30
MW98-2	2004-07-27	268	13	<0.5	5.8	246	<5	530	<0.05	<0.5	-	-	0.89	<1	27,700	<1	-	20,300	1330	<0.2	1.7	<5	-	<1	<0.05	27.3	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-2	2009-02-04	70.2	<10	4.32	<1	76	<5	<100	4.7	<0.5	-	-	<0.5	**50**	<30	<1	-	2450	<10	<0.2	<1	13.1	-	<1	<0.05	<2	-	-	<0.2	-	<50	-	<0.2	<30	**3450**
MW98-2	2014-12-08	181	13	<0.5	5.2	126	<0.5	370	<0.05	<0.5	-	-	6.07	<1	12,700	<1	-	15,400	1480	<0.2	4.3	9.6	-	<1	<0.05	37.6	-	-	<0.2	-	<50	-	<0.2	<30	**877**
MW98-2 FD	2014-12-08	182	13	<0.5	5.1	126	<0.5	360	<0.05	<0.5	-	-	5.84	<1	12,800	<1	-	15,500	1470	<0.2	4.3	9.4	-	<1	<0.05	37.6	-	-	<0.2	-	<50	-	<0.2	<30	**854**
MW98-3	1998-10-07	90.2	43	<200	<200	40	<5	300	<0.2	<10	-	-	<10	<10	8940	<1	-	6800	1150	<0.05	<30	<50	-	<1	<0.1	-	-	-	<0.1	-	-	-	0.05	-	6
MW98-3	2001-03-29	78.9	16	<200	<200	20	<5	200	<0.2	<10	-	-	<10	<10	7290	<1	-	5600	1110	<0.05	<30	<50	-	<1	<0.1	12	-	-	<0.1	-	-	-	0.03	-	6
MW98-3	2002-04-25	63.6	30	<1	<2	<20	<5	200	<0.1	<1	-	-	<1	<2	5530	<2	-	4700	880	<0.2	<2	<50	-	<2	<0.1	9	-	-	<0.4	-	<50	-	<0.4	<30	<5
MW98-3	2003-06-08	69.2	20	<0.5	<1	20	<5	<100	<0.05	<0.6	-	-	<0.5	<1	6950	<1	-	4800	910	<0.2	<1	<5	-	<1	<0.05	8	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-3	2004-07-28	69.4	15	<0.5	<1	<20	<5	<100	<0.05	<0.5	-	-	<0.5	<1	7230	<1	-	4640	863	<0.2	<1	<5	-	<1	<0.05	7.2	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-3	2009-02-04	82	<10	<0.5	<1	<20	<5	100	<0.05	<1.5	-	-	<0.5	<1	7580	<1	-	5790	1010	<0.2	<1	<5	-	<1	<0.05	8.5	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-3 FD	2009-02-04	83.4	<10	<0.5	<1	<20	<5	110	<0.05	<1.5	-	-	<0.5	<1	7680	<1	-	5780	1020	<0.2	<1	<5	-	<1	<0.05	8.4	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-4	1998-10-07	150	5	<200	<200	70	<5	100	<0.2	<10	-	-	<10	<10	410	<1	-	6500	620	<0.05	<30	<50	-	<1	<0.1	-	-	-	0.2	-	-	-	0.04	-	<5
MW98-4	2001-03-29	91.8	4460	<200	<200	40	<5	<100	<0.2	<10	-	-	<10	<10	7610	2	-	4800	506	<0.05	<30	<50	-	<1	<0.1	5	-	-	<0.1	-	-	-	0.18	-	5
MW98-4	2002-04-25	58.9	<10	<0.5	<1	<20	<5	<100	<0.05	<0.5	-	-	<0.5	<1	3400	<1	-	3200	410	<0.2	<1	<50	-	<1	<0.05	4	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-4	2003-06-08	70.3	<10	<0.5	<1	<20	<5	100	<0.05	<0.5	-	-	0.5	<1	3710	<1	-	3700	400	<0.2	<1	<5	-	<1	<0.05	5	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-4	2004-07-28	61.9	<10	<0.5	<1	<20	<5	<100	<0.05	<0.5	-	-	<0.5	<1	4250	<1	-	3370	519	<0.2	<1	<5	-	<1	<0.05	4.2	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-4	2009-02-04	192	<10	<0.5	<1	<20	<5	<100	<0.05	<0.5	-	-	<0.5	<1	18,700	<1	-	11,100	2930	<0.2	<1	<5	-	<1	<0.05	5.5	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-4R	2014-12-09	114	<10	<0.5	<1	21	<0.5	<100	<0.05	<0.5	-	-	<0.5	<1	214	<1	-	6530	585	<0.2	<1	<5	-	<1	<0.05	4.24 - 42.4	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-5	1998-10-07	72.1	6	<200	<200	40	<5	<100	<0.2	<10	-	-	<10	<10	1480	<1	-	3200	905	<0.05	<30	<50	-	<1	<0.1	-	-	-	<0.1	-	-	-	0.04	-	<5
MW98-5	2001-03-29	60.5	62	<200	<200	10	<5	<100	<0.2	<10	-	-	<10	<10	6430	<1	-	1800	251	<0.05	<30	<50	-	<1	<0.1	12	-	-	<0.1	-	-	-	0.02	-	<5
MW98-5	2002-04-25	68.7	30	<0.5	1	<20	<5	<100	<0.05	<0.5	-	-	<0.5	<1	7690	<1	-	2600	370	<0.2	<1	<50	-	<1	<0.05	14	-	-	<0.2	-	<50	-	<0.2	<30	6
MW98-5	2003-06-08	63.8	<10	<0.5	3	<20	<5	<100	<0.05	<0.5	-	-	0.8	<1	10,200	<1	-	2900	470	<0.2	<1	<5	-	<1	<0.05	19	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-5	2004-07-28	108	<10	<0.5	1.3	<20	<5	<100	<0.05	<0.5	-	-	0.51	<1	7870	<1	-	3600	321	<0.2	<1	<5	-	<1	<0.05	14.8	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-5	2009-02-04	132	<10	<0.5	<1	<20	<5	<100	<0.05	<0.5	-	-	<0.5	<1	5970	<1	-	3990	573	<0.2	<1	<5	-	<1	<0.05	9.1	-	-	<0.2	-	<50	-	<0.2	<30	<5
MW98-5	2014-12-09	14.8	20	<0.5	<1	<20	<0.5	<100	0.052	<0.5	-	-	<0.5	<1	<30	<1	-	440	15	<0.2	<1	<5	-	<1	<0.05	<2	-	-	<0.2	-	<50	-	<0.2	<30	7.7
MW98-6	1998-10-07	95.9	<5	<200	<200	60	<5	<100	<0.2	<10	-	-	<10	<10	470	<1	-	4400	1010	<0.05	<30	<50	-	<1	<0.1	-	-	-	<0.1	-	-	-	0.14	-	<5
MW99-1	2001-03-15	478	290	<200	<200	70	<5	800	3	<10	-	-	<10	<10	1430	13	-	49,000	12,300	<0.05	<30	<50	-	<5	<0.5	67	-	-	<0.5	-	-	-	5.37	-	45
MW99-1	2002-04-25	416	<100	<5	<10	60	<5	700	<0.5	<5	-	-	<5	<10	670	<10	-	41,800	12,300	<0.2	<10	<50	-	<10	<0.5	65	-	-	<2	-	<50	-	6	<30	88
MW99-1	2003-06-08	430	<20	2	2	60	<5	700	1.2	<6	-	-	3	2	1020	4	-	43,500	12,100	<0.2	5	<10	-	<2	<0.1	63	-	-	<0.4	-	<50	-	5.7	<30	**106**

Table for Figure 14
Groundwater Results - Metals
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		Metals																																
		Hardness as CaCO3	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (P)	Selenium	Silver	Sodium	Strontium	Tellurium	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc
		mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.2 AW (Marine)		**~**	**~**	**2500**	**125**	**5000**	**1000**	**12000**	**15**	**15**	**15**	**560**	**40**	**20**	**~**	**20**	**~**	**~**	**~**	**0.25**	**10000**	**83**	**~**	**20**	**15**	**~**	**~**	**~**	**3**	**~**	**1000**	**~**	**85**	**~**	**100**
Location	**Date**																																	
MW99-1 FD	2003-06-08	423	<20	2	2	60	<5	700	1.1	<6	-	-	3	2	970	4	-	42,900	11,900	<0.2	5	<10	-	<2	<0.1	62	-	-	<0.4	-	<50	-	5.7	<30	**103**
MW99-1	2004-07-27	434	<20	1.5	<2	57	<5	670	0.95	<1	-	-	3.2	2.8	806	3.7	-	43,500	11,700	<0.2	4.8	<10	-	<2	<0.1	62.4	-	-	<0.4	-	<50	-	5.51	<30	78.6
MW99-1 FD	2004-07-27	430	<20	1.4	2.2	57	<5	680	1.03	<1	-	-	3.1	2.8	803	3.6	-	43,200	11,600	<0.2	4.9	<10	-	<2	<0.1	60.8	-	-	<0.4	-	<50	-	5.4	<30	74.2
MW99-1	2009-02-05	440	<20	3.9	<2	47	<5	620	1.57	<1.5	-	-	3.6	8.2	271	<2	-	43,300	11,600	<0.2	5.2	<10	-	<2	<0.1	50.3	-	-	<0.4	-	<50	-	6.9	<30	**233**
MW99-1	2014-12-08	246	<10	22.6	1.6	116	<0.5	220	14.9	<0.5	-	-	0.87	**38.2**	6810	<1	-	14,900	764	<0.2	<1	14.1	-	<1	<0.05	9	-	-	1.11	-	<50	-	<0.2	<30	**2490**
MW99-2	2001-03-15	297	290	<200	<200	440	<5	1800	<1	<10	-	-	20	<10	47,900	<5	-	25,900	4220	<0.05	<30	<50	-	<5	<0.5	232	-	-	<0.5	-	-	-	0.61	-	50
MW99-2	2002-04-25	243	200	<5	<10	240	<5	1300	<0.5	<5	-	-	<5	<10	19,300	<10	-	11,200	1050	<0.2	<10	<50	-	<10	<0.5	134	-	-	<2	-	<50	-	<2	<30	<5
MW99-2	2003-06-08	320	200	<3	12	250	<5	1500	<0.3	<6	-	-	3	<5	27,900	<5	-	18,200	1360	<0.2	<5	<30	-	<5	<0.3	166	-	-	<1	-	<50	-	<1	<30	7
MW99-2	2004-07-27	306	300	1.6	6.2	183	<5	1280	<0.1	<1	-	-	1.2	<2	18,400	<2	-	14,300	912	<0.2	<2	<10	-	<2	<0.1	130	-	-	<0.4	-	<50	-	<0.4	<30	<5
MW99-2	2009-02-05	207	101	3.1	1.3	194	<5	870	<0.05	<2	-	-	<0.5	<1	8340	<1	-	7190	391	<0.2	<1	<5	-	<1	<0.05	82.8	-	-	<0.2	-	<50	-	<0.2	<30	**131**
MW99-2	2014-12-09	257	56	9.77	15.1	663	<0.5	1010	<0.05	<0.5	-	-	1.42	<1	17,800	<1	-	9740	319	<0.2	3.8	39.7	-	<1	<0.05	86.9	-	-	<0.2	-	<50	-	<0.2	<30	**495**
MW99-3	2001-03-15	279	190	<200	<200	100	<5	400	1	<10	-	-	<10	**40**	2860	15	-	6800	525	<0.05	<30	<50	-	<5	<0.5	136	-	-	<0.5	-	-	-	0.13	-	**889**
MW99-3	2002-04-25	363	60	915	<2	70	<5	400	12.8	<2	-	-	4	**84**	1730	5	-	9100	360	<0.2	<2	**290**	-	<2	<0.1	109	-	-	1.3	-	<50	-	<0.4	<30	**5530**
MW99-3	2003-06-08	337	80	359	<5	70	<5	600	11.2	<3	-	-	3	**53**	1260	<5	-	9000	500	<0.2	<5	**160**	-	<5	<0.3	132	-	-	2	-	<50	-	<1	<30	**2780**
MW99-3	2004-07-27	346	86	436	<2	74	<5	560	11	<1	-	-	1.8	**40.1**	3890	4.9	-	8980	631	<0.2	<2	**168**	-	<2	<0.1	149	-	-	1.79	-	<50	-	<0.4	<30	**2500**
MW99-3	2009-02-05	224	68	1190	<2	49	<5	150	**17**	<1	-	-	3.4	**172**	<30	**41.1**	-	5140	58	<0.2	<2	**310**	-	<2	<0.1	28.6	-	-	0.86	-	<50	-	<0.4	<30	**6670**
MW99-3	2014-12-08	179	37	1120	<1	115	<0.5	<100	14.1	<0.5	-	-	2.17	**153**	<30	**67.8**	-	2960	20	<0.2	<1	**193**	-	1.1	<0.05	8.9	-	-	0.7	-	<50	-	<0.2	<30	**5510**
BH01M	7/8/16 - 16/6/19*	353	2700	0.73	4.4	34	<5	<100	<0.05	**26.6**	<0.5	-	<0.5	14.4	<30	<1	<50	2220	<10	<0.2	25.9	<5	-	6.6	<0.05	247	-	-	<0.2	-	<50	-	0.22	<30	<5
BH02M	2016-08-07	196	<10	0.73	<1	64	<5	190	0.23	<0.5	-	-	2.59	1.7	<30	<1	<50	10,600	417	<0.2	1.8	<5	-	<1	<0.05	388	-	-	<0.2	-	<50	-	<0.2	<30	12.7
BH03M	2016-08-07	268	<10	<0.5	<1	60	<5	110	0.132	<0.5	-	-	5.87	2.2	<30	<1	<50	15,900	330	<0.2	2	19.4	-	4.3	<0.05	48.2	-	-	<0.2	-	<50	-	1.57	<30	19.6
Z01 (Dup of BH03M)	2016-08-07	269	<10	<0.5	<1	60	<5	120	0.131	<0.5	-	-	6.05	2.1	<30	<1	<50	16,000	327	<0.2	2.1	20	-	4.5	<0.05	47.1	-	-	<0.2	-	<50	-	1.65	<30	19
BH04M	2016-08-09	170	<10	<0.5	1.5	42	<5	510	<0.05	<0.5	-	-	1.33	<1	<30	<1	<50	7020	313	<0.2	2.3	<5	-	<1	<0.05	92.4	-	-	<0.2	-	<50	-	0.43	<30	<5
BH05M	2016-08-09	312	<10	<0.5	20.8	107	<5	550	0.228	0.53	-	-	9.43	2.5	58	<1	<50	34,400	2800	<0.2	9.7	22.8	-	1.4	<0.05	178	-	-	<0.2	-	<50	-	2.91	<30	<5
BH100M-D	2018-05-25	509	4.1	0.82	2.3	105	-	570	<0.01	<0.2	<1	<10	2.13	<0.4	<20	<0.1	-	43,800	3960	<0.005	4.21	<1	-	<0.1	<0.02	88.1	1240	-	<0.02	0.29	<0.6	<0.2	3.35	-	8.2
Z02 (Dup of BH100M-D)	2018-05-25	498	3.6	0.86	2.06	94.3	-	570	<0.01	<0.2	<1	<10	1.99	<0.4	<20	<0.1	-	40,500	3670	<0.005	4.15	<1	-	<0.1	<0.02	81.9	1250	-	<0.02	0.27	<0.6	<0.2	3.46	-	7.1
BH100M-S	2018-05-24	238	11.4	1.82	1.4	75.5	-	587	<0.04	<0.2	<1	<10	2.78	2.1	79	0.47	-	11,400	1200	<0.005	50.9	2.6	-	0.2	<0.02	202	726	-	<0.02	<0.2	<0.6	<0.2	18.5	-	4.4
BH101M-D	2018-05-25	340	415	30	1.73	121	0.1	487	0.0051	<0.1	<1	<10	1.49	<0.2	458	<0.05	30.6	11,800	1440	<0.005	0.265	2.16	<0.05	<0.05	<0.02	58.1	636	<0.2	<0.01	<0.1	0.34	<0.1	0.33	0.78	1.5
BH101M-S	2018-05-25	360	550	31.5	1.53	154	0.14	521	<0.005	<0.1	<1	<10	3.2	0.2	282	<0.05	41.4	11,900	1490	<0.005	0.671	5.72	<0.05	<0.05	<0.01	60.8	692	<0.2	<0.01	<0.1	<0.3	<0.1	0.434	0.68	<1
BH102M-D	2018-05-25	441	<1	20.7	0.42	86.2	<0.1	420	0.155	<0.1	<1	<10	5.3	0.71	<10	0.294	2.6	25,900	1310	<0.005	3.93	3.55	<0.05	0.112	<0.01	136	1150	<0.2	<0.01	0.45	<0.3	<0.1	4.43	1	12.3
BH102M-S	2018-05-25	230	3	7.93	0.51	60.3	<0.1	123	0.116	<0.1	<1	<10	0.72	2.12	<10	0.587	2.1	5850	222	0.0052	1.3	5.04	<0.05	1.24	<0.02	14.4	328	<0.2	0.027	0.11	<0.3	<0.1	1.99	<0.5	11.7
BH103M	2018-05-25	383	5	0.55	0.63	129	<0.1	770	0.0848	<0.1	-	-	4.06	1.99	59	<0.05	1.6	19,400	1220	<0.005	2.02	13.2	<0.05	0.394	<0.01	52	776	<0.2	0.087	0.21	<0.3	<0.1	3.55	<0.5	2.3
BH104M	2018-05-25	270	1.4	0.28	1.41	108	-	249	0.01	<0.1	-	-	2.5	<0.2	26	<0.05	-	10,200	1390	<0.005	1.83	2.1	-	<0.05	<0.01	13.2	645	-	<0.01	<0.1	<0.3	<0.1	1.32	-	14.5
BH105M-D	2018-05-25	314	<1	<0.1	2.02	541	-	489	<0.005	0.17	-	-	1.29	<0.2	11,200	<0.05	-	30,500	1750	<0.005	0.456	<0.5	-	<0.05	<0.01	110	953	-	<0.01	<0.1	<0.3	<0.1	0.092	-	3.7
BH105M-S	2018-05-28	295	3.2	1.07	5.09	123	-	130	0.0146	<0.1	-	-	0.48	0.39	70	0.132	-	13,000	329	<0.01	20.2	1.39	-	0.156	<0.01	26.7	549	-	<0.01	0.49	<0.3	0.61	1.84	-	2.5
BH110M	2018-05-24	161	1.6	0.38	0.48	17.4	-	36	0.645	<0.1	-	-	1.5	3.71	<10	<0.05	-	7320	750	<0.005	2.32	0.99	-	0.093	<0.01	7.59	368	-	<0.01	0.22	<0.3	<0.1	0.143	-	13.6
BH115M	2018-05-24	88.1	1.5	<0.1	<0.1	5.61	-	22	0.0261	<0.1	-	-	0.21	2.05	<10	0.099	-	4660	278	<0.005	0.261	<0.5	-	<0.05	<0.01	4.62	260	-	<0.01	0.32	<0.3	<0.1	<0.01	-	3.7

Table for Figure 14
Groundwater Results - Metals
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		Metals																																
		Hardness as CaCO3	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (P)	Selenium	Silver	Sodium	Strontium	Tellurium	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc
		mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
CSR Sch 3.2 AW (Marine)		**~**	**~**	**2500**	**125**	**5000**	**1000**	**12000**	**15**	**15**	**15**	**560**	**40**	**20**	**~**	**20**	**~**	**~**	**~**	**0.25**	**10000**	**83**	**~**	**20**	**15**	**~**	**~**	**~**	**3**	**~**	**1000**	**~**	**85**	**~**	**100**
Location	**Date**																																	
BH119M	2018-05-24	785	3.5	<0.1	2.19	453	-	1050	<0.005	0.17	-	-	1.4	<0.2	35	<0.05	-	37,400	2900	<0.005	2.68	1.36	-	0.147	<0.01	98.4	1860	-	<0.01	<0.1	<0.3	<0.1	2.67	-	1.4
BH120M	2018-05-18	810	6.8	0.19	0.24	621	<0.1	1400	<0.005	<0.1	-	-	1.23	<0.2	11	<0.05	34	87,100	594	<0.005	1.38	1.21	<0.05	0.053	<0.01	538	2460	<0.2	<0.01	<0.1	<0.3	<0.1	0.845	<0.5	<1
BH121M	2018-05-18	417	1.7	2.53	1.13	82.1	<0.1	212	<0.005	<0.1	-	-	1.39	<0.2	<10	<0.05	1.5	12,400	1150	<0.005	3.95	1.46	<0.05	<0.05	<0.01	12.9	841	<0.2	<0.01	<0.1	<0.3	<0.1	2.27	<0.5	2.6
Z01 (Dup of BH121M)	2018-05-18	<0.5	1.7	<0.1	<0.1	<0.1	<0.1	<10	<0.005	<0.1	-	-	<0.1	<0.2	<10	<0.05	<1	<5	<0.1	<0.005	<0.05	<0.5	<0.05	<0.05	<0.01	<0.05	<0.2	<0.2	<0.01	<0.1	<0.3	<0.1	<0.01	<0.5	<1
BH122M	2018-05-18	243	1.9	0.29	1.87	41.4	<0.1	155	0.0146	<0.1	-	-	2.9	1.17	<10	<0.05	<1	14,700	3910	<0.005	3.5	1.19	<0.05	0.116	<0.01	64.8	804	<0.2	<0.01	0.55	<0.3	<0.1	0.563	0.66	2.2
BH123M	2018-05-18	246	1.8	0.58	0.93	36.3	<0.1	19	0.023	<0.1	-	-	0.22	0.38	<10	<0.05	4.6	4190	91.9	<0.005	2.83	1.1	<0.05	0.106	<0.01	20.1	552	<0.2	<0.01	<0.1	<0.3	<0.1	0.929	0.54	1.3
BH124M	2018-05-18	100	1.5	<0.1	0.11	5.95	<0.1	<10	0.0084	<0.1	-	-	0.12	1.24	<10	<0.05	<1	1340	115	<0.005	1.63	<0.5	<0.05	0.053	<0.01	3	192	<0.2	<0.01	<0.1	<0.3	<0.1	0.038	0.95	2.3
BH125M	2018-05-24	450	1.8	0.28	1.54	110	-	114	<0.005	0.22	-	-	4.37	0.26	30	<0.05	-	23,500	2410	<0.005	1.51	5.82	-	0.122	<0.01	40.6	900	-	<0.01	<0.1	<0.3	<0.1	2.6	-	5.7
BH129M	2018-05-28	395	<1	0.26	0.68	46	-	371	<0.005	<0.1	-	-	0.91	<0.2	280	<0.05	-	15,000	2360	<0.005	1.4	<0.5	-	0.074	<0.01	35.1	1040	-	<0.01	<0.1	<0.3	<0.1	0.854	-	<1
Z02 (Dup of BH129M)	2018-05-28	400	<1	0.25	0.65	46.1	-	409	<0.005	<0.1	-	-	0.9	<0.2	84	<0.05	-	14,800	2320	<0.005	1.47	1.81	-	0.079	<0.01	34.9	1040	-	<0.01	<0.1	<0.3	<0.1	0.866	-	<1
BH130M	2018-05-18	236	4.6	0.28	0.98	36.2	<0.1	57	<0.005	<0.1	-	-	0.44	0.21	213	<0.05	1	4970	309	<0.005	2.28	1.36	<0.05	0.111	<0.01	6.1	282	<0.2	<0.01	0.11	<0.3	<0.1	1.28	<0.5	<1
BH131M	2018-05-18	70	1.7	<0.1	<0.1	6.06	<0.1	36	<0.005	<0.1	-	-	<0.1	0.22	<10	<0.05	<1	1930	130	<0.005	0.067	<0.5	<0.05	<0.05	<0.01	2.8	197	<0.2	<0.01	<0.1	<0.3	<0.1	<0.01	<0.5	<1
BH134M	2018-05-25	368	<1	<0.1	1.23	26.8	<0.1	117	0.037	<0.1	-	-	1.68	0.87	<10	<0.05	<1	16,800	4250	<0.005	1.07	<0.5	<0.05	0.057	<0.01	17.1	898	<0.2	<0.01	0.13	<0.3	<0.1	0.653	<0.5	2.8
BH135M	2018-05-28	667	5	1.22	5.88	306	-	1590	<0.005	0.21	-	-	5.44	0.49	100	<0.05	-	40,800	2890	<0.005	4.15	3.12	-	0.318	<0.01	75.2	1910	-	<0.01	<0.1	<0.3	<0.1	4.3	-	5.5

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

GROUNDWATER VOLATILE ORGANIC COMPOUND RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

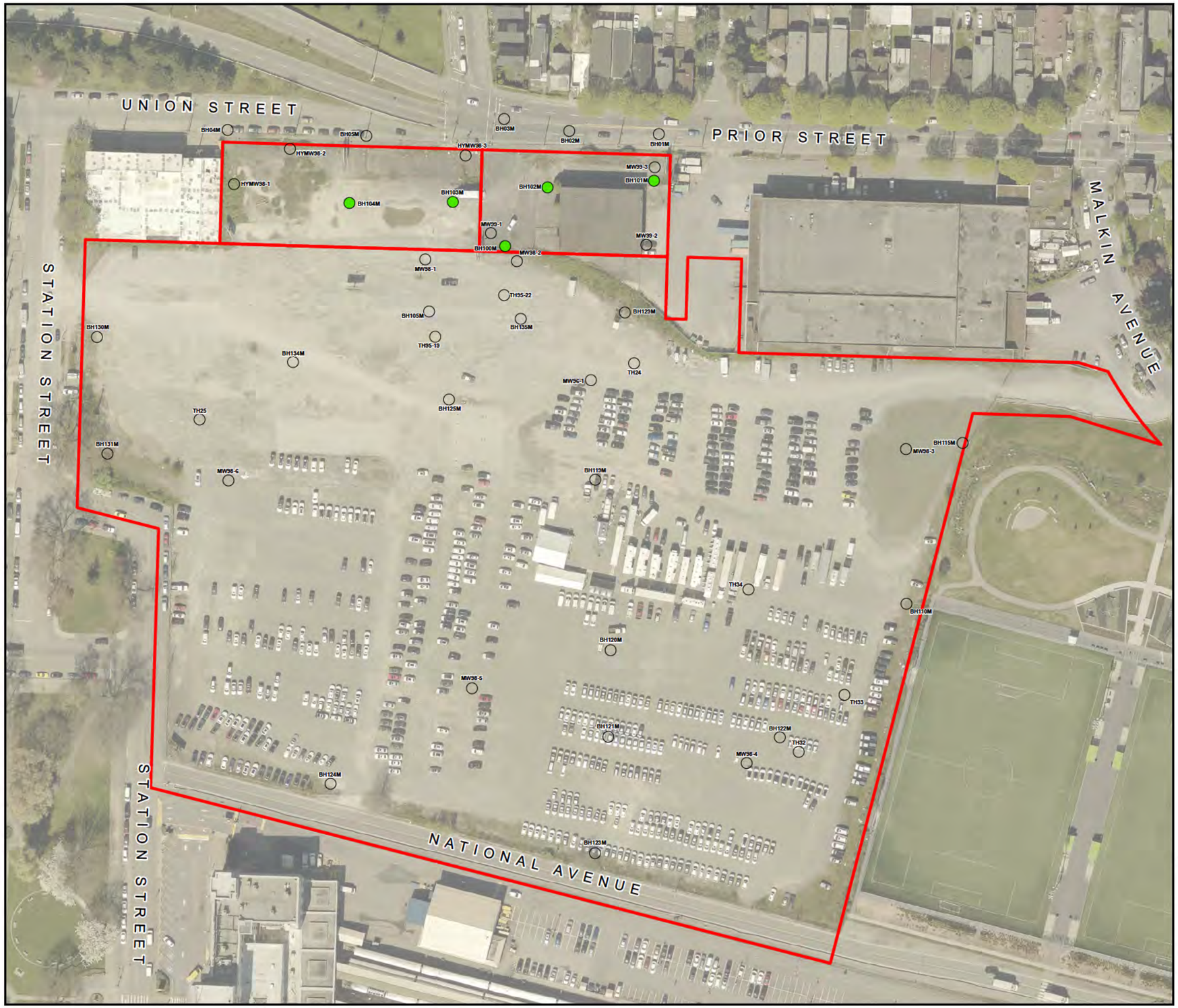
PGL ENVIRONMENTAL CONSULTANTS	File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
	5355-01.01	MAR 2019	53550101_F151	DPL	15

Original in colour

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 15
Groundwater Results - Volatile Organic Compounds
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		VOC																											
		Bromodichloromethane [BDCM]	Bromoform	Carbon tetrachloride	Chlorobenzene	Dibromochloromethane [DBCM]	Chloroethane	Chloroform	Chloromethane	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-	Dichlorobenzene, 1,4-	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethylene, 1,1-	Dichloroethylene, 1,2- cis	Dichloroethylene, 1,2- trans	Dichloromethane	Dichloropropane, 1,2-	Dichloropropene, 1,3- (cis + trans)	cis-1,3-dichloropropene	trans-1,3-dichloropropene	Tetrachloroethane, 1,1,1,2-	Tetrachloroethane, 1,1,2,2-	Tetrachloroethylene	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethylene	Trichlorofluoromethane	Vinyl chloride
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		1	1	0.5	1	1	1	1	5	0.5	1	1	1	1	1	1	1	5	1	1	0.5	0.5	1	0.2	1	1	0.5	1	1	0.4
CSR Sch 3.2 AW (Marine)		~	~	130	250	~	~	20	~	420	1500	260	~	1000	~	~	~	980	~	~	~	~	~	~	1100	~	~	200	~	~
Location	**Date**																													
BH04M	2016-08-09	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.7	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Z02 (Dup of BH04M)	2016-08-09	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.7	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BH05M	2016-08-09	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.7	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BH100M-D	2018-05-25	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
Z02 (Dup of BH100M-D)	2018-05-25	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH100M-S	2018-05-24	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH101M-D	2018-05-25	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH101M-S	2018-05-25	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH102M-D	2018-05-25	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH102M-S	2018-05-25	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	4.1	<1	<0.5	<1	<1	<0.4
BH103M	2018-05-25	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH104M	2018-05-25	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH110M	2018-05-24	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH115M	2018-05-24	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH119M	2018-05-24	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH120M	2018-05-18	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH121M	2018-05-18	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	1.1	<1	<0.5	<1	<1	<0.4
Z01 (Dup of BH121M)	2018-05-18	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	1.2	<1	<0.5	<1	<1	<0.4
BH122M	2018-05-18	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH123M	2018-05-18	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH124M	2018-05-18	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH125M	2018-05-24	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH130M	2018-05-18	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH131M	2018-05-18	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4
BH134M	2018-05-25	<1	<1	<0.5	<1	<1	<1	<1	<5	<0.5	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	<0.5	<1	<0.2	<1	<1	<0.5	<1	<1	<0.4



Site Boundary (Approximate)
Sample meets applicable Standards
Not Analyzed

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

GROUNDWATER PHENOLS AND PHENOLICS RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS

File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
5355-01.01	MAR 2019	53550101_F161	DPL	16

Original in colour

Table for Figure 16
Groundwater Results - Phenols and Phenolics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		Chlorinated Phenols																		
		2-chlorophenol	3-Chlorophenol	4-chlorophenol	4-chloro-3-methylphenol	2,3-Dichlorophenol	2,4 & 2,5-Dichlorophenol	2,6-dichlorophenol	3,4-Dichlorophenol	3,5-Dichlorophenol	Pentachlorophenol	2,3,4-Trichlorophenol	2,3,5-Trichlorophenol	2,3,6-Trichlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	3,4,5-Trichlorophenol	2,3,4,5-tetrachlorophenol	2,3,4,6-tetrachlorophenol	2,3,5,6-Tetrachlorophenol
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.05	0.05	0.05	0.5	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
CSR Sch 3.2 AW (Marine)		**19.5-2600[1]**	**17-2300[1]**	**8.5-1180[1]**	**~**	**5.5-760[1]**	**~**	**10-1360[1]**	**3-400[1]**	**2.5-300[1]**	**1-110[1]**	**2.5-320[1]**	**2.5-340[1]**	**8-1080[1]**	**2.5-300[1]**	**6-800[1]**	**1-128[1]**	**2-260[1]**	**5.5-720[1]**	**2.5-340[1]**
Location	**Date**																			
BH100M-D	2018-05-25	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2
Z02 (Dup of BH100M-D)	2018-05-25	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2
BH100M-S	2018-05-24	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2
BH101M-D	2018-05-25	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2
BH101M-S	2018-05-25	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2
BH102M-D	2018-05-25	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2
BH102M-S	2018-05-25	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2
BH103M	2018-05-25	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2
BH104M	2018-05-25	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2

Table for Figure 16
Groundwater Results - Phenols and Phenolics
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		Non-Chlorinated Phenols							
		2,4-dimethylphenol	2,6-Dimethylphenol	3,4-Dimethylphenol	p-Hydroquinone	2-methylphenol	3-Methylphenol	4-methylphenol	Phenol
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RDL		0.5	0.2	0.2	5	0.5	0.5	0.5	1
CSR Sch 3.2 AW (Marine)		**~**	**~**	**~**	**45**	**2500**	**800**	**700**	**2000**
Location	**Date**								
BH100M-D	2018-05-25	<0.5	<0.2	<0.2	<5	<0.5	<0.5	<0.5	<1
Z02 (Dup of BH100M-D)	2018-05-25	<0.5	<0.2	<0.2	<5	<0.5	<0.5	<0.5	<1
BH100M-S	2018-05-24	<0.5	<0.2	<0.2	<5	<0.5	0.52	<0.5	<1
BH101M-D	2018-05-25	<0.5	<0.2	<0.2	-	<0.5	<0.5	<0.5	<1
BH101M-S	2018-05-25	<0.5	<0.2	<0.2	-	<0.5	<0.5	<0.5	<1
BH102M-D	2018-05-25	<0.5	<0.2	<0.2	-	<0.5	<0.5	<0.5	<1
BH102M-S	2018-05-25	<0.5	<0.2	<0.2	-	<0.5	<0.5	<0.5	<1
BH103M	2018-05-25	<0.5	<0.2	<0.2	-	<0.5	<0.5	<0.5	<1
BH104M	2018-05-25	<0.5	<0.2	<0.2	<5	<0.5	<0.5	<0.5	<1

Site Boundary (Approximate)
Sample meets applicable Standards
Not Analyzed

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

GROUNDWATER GLYCOLS RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS

File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
5355-01.01	MAR 2019	53550101_F171	DPL	17

Original in colour

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 17
Groundwater Results - Glycols
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

		Glycols			
		ethylene glycol	triethylene glycol	diethylene glycol	propylene glycol
		µg/L	µg/L	µg/L	µg/L
RDL		5000	5000	5000	5000
CSR Sch 3.2 AW (Marine)		**1920000**	**~**	**~**	**5000000**
Location	**Date**				
BH115M	2019-03-18	<5000	<5000	<5000	<5000
BH125M	2019-03-18	<5000	<5000	<5000	<5000
BH134M	2019-03-18	<5000	<5000	<5000	<5000

Site Boundary (Approximate)
Sample meets applicable Standards
Sample exceeds Parkade Standards
Sample exceeds RL or CL Standards

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

SOIL VAPOUR HYDROCARBONS AND FUEL PARAMETER RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS

File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
5355-01.01	MAR 2019	53550101_F181	DPL	18

Original in colour

Table for Figure 18
Soil Vapour Results - Hydrocarbons and Fuel Parameters
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

					Fuel Parameters								
					Benzene	Dichloroethane, 1,1-	Dichloroethane, 1,2-	n-decane	Ethylbenzene	Toluene	Xylenes, total	Naphthalene	VPHv
					µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	ug/m3
RDL					1.4	0.86	0.34	8.6	0.86	6.9	1.9	3.1	1200
CSR Sch 3.3 Parkade					**10**	**4000**	**55**	**20000**	**8000**	**40000**	**800**	**25**	**8000**
CSR Sch 3.3 CL					**4**	**1500**	**20**	**8000**	**3000**	**15000**	**300**	**9**	**3000**
CSR Sch 3.3 RL					**1.5**	**500**	**7**	**2500**	**1000**	**5000**	**100**	**3**	**1000**
Location	**Date**	**Bentonite Seal (m bgs)**	**AttenuationFactorType**	**Factor**									
SV01	2018-05-22	0.75	Unattenuated	-	**<1.9**	<1.2	<0.48	<12	2.1	<9.5	4.3	-	1700
			Outdoor Exposure	0.0001	<0.00019	<0.00012	<0.000048	<0.0012	0.00021	<0.00095	0.00043	-	0.17
			Subslab	0.02	<0.038	<0.024	<0.0096	<0.24	0.042	<0.19	0.086	-	34
SV02	2018-05-22	0.75	Unattenuated	-	3.6	<1.2	<0.48	<12	2.6	14.1	8.9	-	**<1400**
			Outdoor Exposure	0.0001	0.00036	<0.00012	<0.000048	<0.0012	0.00026	0.00141	0.00089	-	<0.14
			Subslab	0.02	0.072	<0.024	<0.0096	<0.24	0.052	0.282	0.178	-	<28
SV03	2018-05-22	0.75	Unattenuated	-	14.8	<1.1	<0.45	<18	20.1	53.3	112	-	13,600
			Outdoor Exposure	0.0001	0.00148	<0.00011	<0.000045	<0.0018	0.00201	0.00533	0.0112	-	1.36
			Subslab	0.02	0.296	<0.022	<0.009	<0.36	0.402	1.066	2.24	-	272
SV04	2018-05-22	1.1	Unattenuated	-	**<2.7**	<1.7	<0.67	<17	2.8	<13	21.3	-	**<2000**
			Outdoor Exposure	0.0000015	<0.00000405	<0.00000255	<0.000001005	<0.0000255	0.0000042	<0.0000195	0.00003195	-	<0.003
			Subslab	0.02	<0.054	<0.034	<0.0134	<0.34	0.056	<0.26	0.426	-	<40
SV05	2018-05-22	0.9	Unattenuated	-	**<1.7**	<1.1	<0.42	<11	<1.1	<8.4	10.8	-	**<1300**
			Outdoor Exposure	0.0001	<0.00017	<0.00011	<0.000042	<0.0011	<0.00011	<0.00084	0.00108	-	<0.13
			Subslab	0.02	<0.034	<0.022	<0.0084	<0.22	<0.022	<0.168	0.216	-	<26
Z01 (Dup of SV05)	2018-05-22	0.9	Unattenuated	-	**<2**	<1.3	<0.5	<13	<1.3	<10	3.1	-	**<1500**
			Outdoor Exposure	0.0001	<0.0002	<0.00013	<0.00005	<0.0013	<0.00013	<0.001	0.00031	-	<0.15
			Subslab	0.02	<0.04	<0.026	<0.01	<0.26	<0.026	<0.2	0.062	-	<30
SV06	2018-05-22	0.9	Unattenuated	-	**<1.9**	<1.2	<0.48	<12	1.6	17.4	4.9	-	**<1400**
			Outdoor Exposure	0.0001	<0.00019	<0.00012	<0.000048	<0.0012	0.00016	0.00174	0.00049	-	<0.14
			Subslab	0.02	<0.038	<0.024	<0.0096	<0.24	0.032	0.348	0.098	-	<28
SV07	2018-05-22	0.9	Unattenuated	-	20.5	<1	<0.4	<80	9.1	51	51.6	-	11,900
			Outdoor Exposure	0.0001	0.00205	<0.0001	<0.00004	<0.008	0.00091	0.0051	0.00516	-	1.19
			Subslab	0.02	0.41	<0.02	<0.008	<1.6	0.182	1.02	1.032	-	238
SV08	2018-05-22	0.9	Unattenuated	-	133	<1.2	<0.48	86	32.9	217	162	-	9700
			Outdoor Exposure	0.0001	0.0133	<0.00012	<0.000048	0.0086	0.00329	0.0217	0.0162	-	0.97
			Subslab	0.02	**2.66**	<0.024	<0.0096	1.72	0.658	4.34	3.24	-	194
SV08	2018-08-16	0.9	Unattenuated	-	151	<1.1	<0.45	<18	<18	<110	<72	7.1	**<35,000**
			Outdoor Exposure	0.0001	0.0151	<0.00011	<0.000045	<0.0018	<0.0018	<0.011	<0.0072	0.00071	<3.5
			Subslab	0.02	**3.02**	<0.022	<0.009	<0.36	<0.36	<2.2	<1.44	0.142	<700
SV09	2018-08-16	0.95	Unattenuated	-	**<2.3**	<1.1	<0.45	<11	<9	<68	<45	**<4.1**	**<9500**
			Outdoor Exposure	0.0001	<0.00023	<0.00011	<0.000045	<0.0011	<0.0009	<0.0068	<0.0045	<0.00041	<0.95
			Subslab	0.02	<0.046	<0.022	<0.009	<0.22	<0.18	<1.36	<0.9	<0.082	<190

Table for Figure 18
Soil Vapour Results - Hydrocarbons and Fuel Parameters
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

					Fuel Parameters								
					Benzene	Dichloroethane, 1,1-	Dichloroethane, 1,2-	n-decane	Ethylbenzene	Toluene	Xylenes, total	Naphthalene	VPHv
					µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	ug/m3
RDL					1.4	0.86	0.34	8.6	0.86	6.9	1.9	3.1	1200
CSR Sch 3.3 Parkade					**10**	**4000**	**55**	**20000**	**8000**	**40000**	**800**	**25**	**8000**
CSR Sch 3.3 CL					**4**	**1500**	**20**	**8000**	**3000**	**15000**	**300**	**9**	**3000**
CSR Sch 3.3 RL					**1.5**	**500**	**7**	**2500**	**1000**	**5000**	**100**	**3**	**1000**
Location	**Date**	**Bentonite Seal (m bgs)**	**AttenuationFactorType**	**Factor**									
SV10	2018-08-16	0.95	Unattenuated	-	**7.3**	<1.1	<0.45	<11	<2.7	52.9	<28	**<4**	**<6700**
			Outdoor Exposure	0.0001	0.00073	<0.00011	<0.000045	<0.0011	<0.00027	0.00529	<0.0028	<0.0004	<0.67
			Subslab	0.02	0.146	<0.022	<0.009	<0.22	<0.054	1.058	<0.56	<0.08	<134
SV11	2018-08-16	0.95	Unattenuated	-	**10.7**	<1.1	<0.44	**<13,000**	<44	32.9	<53	**<22**	**1,450,000**
			Outdoor Exposure	0.0001	0.00107	<0.00011	<0.000044	<1.3	<0.0044	0.00329	<0.0053	<0.0022	145
			Subslab	0.02	0.214	<0.022	<0.0088	<260	<0.88	0.658	<1.06	<0.44	**29,000**
Z02 (Dup of SV11)	2018-08-16	0.95	Unattenuated	-	**10.4**	<0.86	<0.34	**<14,000**	<69	35.9	<62	**<31**	**1,540,000**
			Outdoor Exposure	0.0001	0.00104	<0.000086	<0.000034	<1.4	<0.0069	0.00359	<0.0062	<0.0031	154
			Subslab	0.02	0.208	<0.0172	<0.0068	<280	<1.38	0.718	<1.24	<0.62	**30,800**
SV12	2018-08-16	0.95	Unattenuated	-	**3**	<1.2	<0.48	<190	<2.4	20	<25	**<4.3**	**60,200**
			Outdoor Exposure	0.0001	0.0003	<0.00012	<0.000048	<0.019	<0.00024	0.002	<0.0025	<0.00043	6.02
			Subslab	0.02	0.06	<0.024	<0.0096	<3.8	<0.048	0.4	<0.5	<0.086	**1204**
SV13	2018-09-12	0.85	Unattenuated	-	**13.1**	<1.3	<0.5	175	9.2	41	62.3	**<4.5**	**22,500**
			Outdoor Exposure	0.0001	0.00131	<0.00013	<0.00005	0.0175	0.00092	0.0041	0.00623	<0.00045	2.25
			Subslab	0.02	0.262	<0.026	<0.01	3.5	0.184	0.82	1.246	<0.09	450
SV14	2018-09-12	0.85	Unattenuated	-	**<1.6**	<1	<0.4	<10	2.2	<8	4.8	**<3.6**	**4500**
			Outdoor Exposure	0.0001	<0.00016	<0.0001	<0.00004	<0.001	0.00022	<0.0008	0.00048	<0.00036	0.45
			Subslab	0.02	<0.032	<0.02	<0.008	<0.2	0.044	<0.16	0.096	<0.072	90
SV15	2018-09-12	0.85	Unattenuated	-	**7.7**	<1	<0.41	10	4.7	27.9	17	**<3.7**	**7100**
			Outdoor Exposure	0.0001	0.00077	<0.0001	<0.000041	0.001	0.00047	0.00279	0.0017	<0.00037	0.71
			Subslab	0.02	0.154	<0.02	<0.0082	0.2	0.094	0.558	0.34	<0.074	142
SV16	2018-09-12	0.85	Unattenuated	-	**41.9**	<1.1	<0.45	50	77	106	59.6	**<4.1**	**6700**
			Outdoor Exposure	0.0001	0.00419	<0.00011	<0.000045	0.005	0.0077	0.0106	0.00596	<0.00041	0.67
			Subslab	0.02	0.838	<0.022	<0.009	1	1.54	2.12	1.192	<0.082	134
SV17	2018-09-12	0.85	Unattenuated	-	**24.8**	<1.3	2.99	<13	12.1	51	31.1	**<4.5**	**18,400**
			Outdoor Exposure	0.0001	0.00248	<0.00013	0.000299	<0.0013	0.00121	0.0051	0.00311	<0.00045	1.84
			Subslab	0.02	0.496	<0.026	0.0598	<0.26	0.242	1.02	0.622	<0.09	368
SV18	2018-09-12	0.85	Unattenuated	-	**74.8**	<0.93	<1.5	122	24.5	58.6	**105**	**3.9**	**38,300**
			Outdoor Exposure	0.0001	0.00748	<0.000093	<0.00015	0.0122	0.00245	0.00586	0.0105	0.00039	3.83
			Subslab	0.02	1.496	<0.0186	<0.03	2.44	0.49	1.172	2.1	0.078	766
Z03 (Dup of SV18)	2018-09-12	0.85	Unattenuated	-	**80.7**	<0.86	<0.34	150	28.4	73.1	**124**	**4.5**	**36,400**
			Outdoor Exposure	0.0001	0.00807	<0.000086	<0.000034	0.015	0.00284	0.00731	0.0124	0.00045	3.64
			Subslab	0.02	**1.614**	<0.0172	<0.0068	3	0.568	1.462	2.48	0.09	728

Site Boundary (Approximate)
Sample meets applicable Standards
Sample exceeds Parkade Standards
Sample exceeds RL or CL Standards

N 0 20 40 80 m
1:1,500
NAD 1983 UTM Zone 10N

Ortho Image and Parcel Boundary from The City of Vancouver's Open Data Catalogue

SOIL VAPOUR VOLATILE ORGANIC COMPOUND RESULTS

250 and 310 Prior Street and 1002 Station Street, Vancouver, BC

PROVIDENCE HEALTH CARE

PGL ENVIRONMENTAL CONSULTANTS

File No.:	Date:	Dwg No.:	Drawn by:	FIGURE
5355-01.01	MAR 2019	53550101_F191	DPL	19

Original in colour

Table for Figure 19
Soil Vapour Results - Volatile Organic Compounds
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

					VOCs															
					Acetone	Bromodichloromethane [BDCM]	Bromoform	Carbon tetrachloride	Chlorobenzene	Chloroethane	Dibromochloromethane [DBCM]	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-	Dichlorobenzene, 1,4-	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethylene, 1,1-	Dichloroethylene, 1,2- cis	Dichloroethylene, 1,2- trans	Dichloropropane, 1,2-	cis-1,3-dichloropropene
					ug/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
RDL					24	1	5.2	0.52	1	17	8.6	5.2	1.7	1.7	0.86	0.34	1	1.7	1.7	0.52	0.86
CSR Sch 3.3 Parkade					**15000**	**300**	**75**	**15**	**80**	**80000**	**300**	**1500**	**500**	**6500**	**4000**	**55**	**15000**	**500**	**500**	**30**	**~**
CSR Sch 3.3 CL					**5500**	**100**	**30**	**5**	**30**	**30000**	**100**	**600**	**200**	**2500**	**1500**	**20**	**600**	**200**	**200**	**10**	**~**
CSR Sch 3.3 RL					**2000**	**40**	**9**	**1.5**	**10**	**10000**	**40**	**200**	**60**	**800**	**500**	**7**	**200**	**60**	**60**	**4**	**~**
Location	**Date**	**Bentonite Seal (m bgs)**	**AttenuationFactorType**	**Factor**																	
SV01	2018-05-22	0.75	Unattenuated	-	<29	<1.2	<7.1	<0.71	<1.2	<24	<12	<7.1	<2.4	<2.4	<1.2	<0.48	<1.4	<2.4	<2.4	<0.71	<1.2
			Outdoor Exposure	0.0001	<0.0029	<0.00012	<0.00071	<0.000071	<0.00012	<0.0024	<0.0012	<0.00071	<0.00024	<0.00024	<0.00012	<0.000048	<0.00014	<0.00024	<0.00024	<0.000071	<0.00012
			Subslab	0.02	<0.58	<0.024	<0.142	<0.0142	<0.024	<0.48	<0.24	<0.142	<0.048	<0.048	<0.024	<0.0096	<0.028	<0.048	<0.048	<0.0142	<0.024
SV02	2018-05-22	0.75	Unattenuated	-	<29	<1.2	<7.1	<0.71	<1.2	<24	<12	<7.1	<2.4	<2.4	<1.2	<0.48	<1.4	<2.4	<2.4	<0.71	<1.2
			Outdoor Exposure	0.0001	<0.0029	<0.00012	<0.00071	<0.000071	<0.00012	<0.0024	<0.0012	<0.00071	<0.00024	<0.00024	<0.00012	<0.000048	<0.00014	<0.00024	<0.00024	<0.000071	<0.00012
			Subslab	0.02	<0.58	<0.024	<0.142	<0.0142	<0.024	<0.48	<0.24	<0.142	<0.048	<0.048	<0.024	<0.0096	<0.028	<0.048	<0.048	<0.0142	<0.024
SV03	2018-05-22	0.75	Unattenuated	-	1250	**<89**	<6.7	<0.67	<3.6	<22	<11	<6.7	2.9	<2.2	<1.1	<0.45	<1.3	7.4	<2.2	<0.67	<1.1
			Outdoor Exposure	0.0001	0.125	<0.0089	<0.00067	<0.000067	<0.00036	<0.0022	<0.0011	<0.00067	0.00029	<0.00022	<0.00011	<0.000045	<0.00013	0.00074	<0.00022	<0.000067	<0.00011
			Subslab	0.02	25	<1.78	<0.134	<0.0134	<0.072	<0.44	<0.22	<0.134	0.058	<0.044	<0.022	<0.009	<0.026	0.148	<0.044	<0.0134	<0.022
SV04	2018-05-22	1.1	Unattenuated	-	<40	<1.7	**<10**	<1	<1.7	<33	<17	<10	<3.3	<3.3	<1.7	<0.67	<2	<3.3	<3.3	<1	<1.7
			Outdoor Exposure	0.0000015	<0.00006	<0.00000255	<0.000015	<0.0000015	<0.00000255	<0.0000495	<0.0000255	<0.000015	<0.00000495	<0.00000495	<0.00000255	<0.000001005	<0.000003	<0.00000495	<0.00000495	<0.0000015	<0.00000255
			Subslab	0.02	<0.8	<0.034	<0.2	<0.02	<0.034	<0.66	<0.34	<0.2	<0.066	<0.066	<0.034	<0.0134	<0.04	<0.066	<0.066	<0.02	<0.034
SV05	2018-05-22	0.9	Unattenuated	-	<25	<1.1	<6.3	<0.63	<1.1	<21	<11	<6.3	3	<2.1	<1.1	<0.42	<1.3	<2.1	<2.1	<0.63	<1.1
			Outdoor Exposure	0.0001	<0.0025	<0.00011	<0.00063	<0.000063	<0.00011	<0.0021	<0.0011	<0.00063	0.0003	<0.00021	<0.00011	<0.000042	<0.00013	<0.00021	<0.00021	<0.000063	<0.00011
			Subslab	0.02	<0.5	<0.022	<0.126	<0.0126	<0.022	<0.42	<0.22	<0.126	0.06	<0.042	<0.022	<0.0084	<0.026	<0.042	<0.042	<0.0126	<0.022
Z01 (Dup of SV05)	2018-05-22	0.9	Unattenuated	-	<30	<1.3	<7.5	<0.75	<1.3	<25	<13	<7.5	<2.5	<2.5	<1.3	<0.5	<1.5	<2.5	<2.5	<0.75	<1.3
			Outdoor Exposure	0.0001	<0.003	<0.00013	<0.00075	<0.000075	<0.00013	<0.0025	<0.0013	<0.00075	<0.00025	<0.00025	<0.00013	<0.00005	<0.00015	<0.00025	<0.00025	<0.000075	<0.00013
			Subslab	0.02	<0.6	<0.026	<0.15	<0.015	<0.026	<0.5	<0.26	<0.15	<0.05	<0.05	<0.026	<0.01	<0.03	<0.05	<0.05	<0.015	<0.026
SV06	2018-05-22	0.9	Unattenuated	-	<29	<1.2	<7.1	<0.71	<1.2	<24	<12	<7.1	2.6	<2.4	<1.2	<0.48	<1.4	<2.4	<2.4	<0.71	<1.2
			Outdoor Exposure	0.0001	<0.0029	<0.00012	<0.00071	<0.000071	<0.00012	<0.0024	<0.0012	<0.00071	0.00026	<0.00024	<0.00012	<0.000048	<0.00014	<0.00024	<0.00024	<0.000071	<0.00012
			Subslab	0.02	<0.58	<0.024	<0.142	<0.0142	<0.024	<0.48	<0.24	<0.142	0.052	<0.048	<0.024	<0.0096	<0.028	<0.048	<0.048	<0.0142	<0.024
SV07	2018-05-22	0.9	Unattenuated	-	499	<12	<6	<0.6	<2.8	<20	<10	<6	2.9	<2	<1	<0.4	<1.2	<2	<2	<0.6	<1
			Outdoor Exposure	0.0001	0.0499	<0.0012	<0.0006	<0.00006	<0.00028	<0.002	<0.001	<0.0006	0.00029	<0.0002	<0.0001	<0.00004	<0.00012	<0.0002	<0.0002	<0.00006	<0.0001
			Subslab	0.02	9.98	<0.24	<0.12	<0.012	<0.056	<0.4	<0.2	<0.12	0.058	<0.04	<0.02	<0.008	<0.024	<0.04	<0.04	<0.012	<0.02
SV08	2018-05-22	0.9	Unattenuated	-	167	<9.5	<7.1	<0.71	<1.4	<24	<12	<7.1	<2.4	<2.4	<1.2	<0.48	<1.4	<2.4	<2.4	<0.71	<1.2
			Outdoor Exposure	0.0001	0.0167	<0.00095	<0.00071	<0.000071	<0.00014	<0.0024	<0.0012	<0.00071	<0.00024	<0.00024	<0.00012	<0.000048	<0.00014	<0.00024	<0.00024	<0.000071	<0.00012
			Subslab	0.02	3.34	<0.19	<0.142	<0.0142	<0.028	<0.48	<0.24	<0.142	<0.048	<0.048	<0.024	<0.0096	<0.028	<0.048	<0.048	<0.0142	<0.024
SV08	2018-08-16	0.9	Unattenuated	-	<400	<13	<6.7	<0.67	<2.2	<22	<11	<6.7	13.3	<2.2	<1.1	<0.45	<1.3	<2.2	<2.2	<1.8	<1.1
			Outdoor Exposure	0.0001	<0.04	<0.0013	<0.00067	<0.000067	<0.00022	<0.0022	<0.0011	<0.00067	0.00133	<0.00022	<0.00011	<0.000045	<0.00013	<0.00022	<0.00022	<0.00018	<0.00011
			Subslab	0.02	<8	<0.26	<0.134	<0.0134	<0.044	<0.44	<0.22	<0.134	0.266	<0.044	<0.022	<0.009	<0.026	<0.044	<0.044	<0.036	<0.022
SV09	2018-08-16	0.95	Unattenuated	-	<27	<3.2	<6.8	<0.68	<1.1	<23	<11	<6.8	6.7	<2.3	<1.1	<0.45	<1.4	<2.3	<2.3	<0.9	<1.1
			Outdoor Exposure	0.0001	<0.0027	<0.00032	<0.00068	<0.000068	<0.00011	<0.0023	<0.0011	<0.00068	0.00067	<0.00023	<0.00011	<0.000045	<0.00014	<0.00023	<0.00023	<0.00009	<0.00011
			Subslab	0.02	<0.54	<0.064	<0.136	<0.0136	<0.022	<0.46	<0.22	<0.136	0.134	<0.046	<0.022	<0.009	<0.028	<0.046	<0.046	<0.018	<0.022

Table for Figure 19
Soil Vapour Results - Volatile Organic Compounds
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

					VOCs													
					trans-1,3-dichloropropene	Ethyl acetate	Freon 113	Hexane	Isopropylbenzene	Methyl Ethyl Ketone [MEK]	Styrene	Tetrachloroethane, 1,1,1,2-	Tetrachloroethane, 1,1,2,2-	Tetrachloroethylene	Trichloroethane, 1,1,1-	Trichloroethane, 1,1,2-	Trichloroethylene	Trichlorofluoromethane	Vinyl chloride
					µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
RDL					1.7	34	8.6	8.6	0.86	8.6	0.86	1.4	1	10	0.86	0.6	0.52	8.6	1
CSR Sch 3.3 Parkade					~	**550**	**250000**	**5500**	**3000**	**40000**	**8000**	**10**	**300**	**300**	**40000**	**1.5**	**15**	**5500**	**9**
CSR Sch 3.3 CL					~	**200**	**90000**	**2000**	**1000**	**15000**	**3000**	**4**	**100**	**100**	**15000**	**0.6**	**6**	**2000**	**3.5**
CSR Sch 3.3 RL					~	**70**	**30000**	**700**	**400**	**5000**	**1000**	**1.5**	**40**	**40**	**5000**	**0.5**	**2**	**700**	**1**
Location	**Date**	**Bentonite Seal (m bgs)**	**AttenuationFactorType**	**Factor**															
SV01	2018-05-22	0.75	Unattenuated	-	<2.4	<48	<12	<12	<1.2	<12	<1.2	**<1.9**	<1.2	53	<1.2	**<0.71**	<0.71	<12	**<1.4**
			Outdoor Exposure	0.0001	<0.00024	<0.0048	<0.0012	<0.0012	<0.00012	<0.0012	<0.00012	<0.00019	<0.00012	0.0053	<0.00012	<0.000071	<0.000071	<0.0012	<0.00014
			Subslab	0.02	<0.048	<0.96	<0.24	<0.24	<0.024	<0.24	<0.024	<0.038	<0.024	1.06	<0.024	<0.0142	<0.0142	<0.24	<0.028
SV02	2018-05-22	0.75	Unattenuated	-	<2.4	<48	<12	<12	<1.2	<12	<1.2	**<1.9**	<1.2	18	<1.2	**<0.71**	<0.71	<12	**<1.4**
			Outdoor Exposure	0.0001	<0.00024	<0.0048	<0.0012	<0.0012	<0.00012	<0.0012	<0.00012	<0.00019	<0.00012	0.0018	<0.00012	<0.000071	<0.000071	<0.0012	<0.00014
			Subslab	0.02	<0.048	<0.96	<0.24	<0.24	<0.024	<0.24	<0.024	<0.038	<0.024	0.36	<0.024	<0.0142	<0.0142	<0.24	<0.028
SV03	2018-05-22	0.75	Unattenuated	-	<2.2	<45	<11	197	1.6	<11	<1.1	**<1.8**	<1.8	<13	<1.1	**<0.89**	**<2.7**	<11	2.7
			Outdoor Exposure	0.0001	<0.00022	<0.0045	<0.0011	0.0197	0.00016	<0.0011	<0.00011	<0.00018	<0.00018	<0.0013	<0.00011	<0.000089	<0.00027	<0.0011	0.00027
			Subslab	0.02	<0.044	<0.9	<0.22	3.94	0.032	<0.22	<0.022	<0.036	<0.036	<0.26	<0.022	<0.0178	<0.054	<0.22	0.054
SV04	2018-05-22	1.1	Unattenuated	-	<3.3	<67	<17	<17	<1.7	<17	<1.7	**<2.7**	<1.7	<20	<1.7	**<1**	1.4	<17	**<2**
			Outdoor Exposure	0.0000015	<0.00000495	<0.0001005	<0.0000255	<0.0000255	<0.00000255	<0.0000255	<0.00000255	<0.00000405	<0.00000255	<0.00003	<0.00000255	<0.0000015	0.0000021	<0.0000255	<0.000003
			Subslab	0.02	<0.066	<1.34	<0.34	<0.34	<0.034	<0.34	<0.034	<0.054	<0.034	<0.4	<0.034	<0.02	0.028	<0.34	<0.04
SV05	2018-05-22	0.9	Unattenuated	-	<2.1	<42	<11	<11	<1.1	<11	<1.1	**<1.7**	<1.1	<13	<1.1	**<0.63**	<0.63	<11	**<1.3**
			Outdoor Exposure	0.0001	<0.00021	<0.0042	<0.0011	<0.0011	<0.00011	<0.0011	<0.00011	<0.00017	<0.00011	<0.0013	<0.00011	<0.000063	<0.000063	<0.0011	<0.00013
			Subslab	0.02	<0.042	<0.84	<0.22	<0.22	<0.022	<0.22	<0.022	<0.034	<0.022	<0.26	<0.022	<0.0126	<0.0126	<0.22	<0.026
Z01 (Dup of SV05)	2018-05-22	0.9	Unattenuated	-	<2.5	<50	<13	<13	<1.3	<13	<1.3	**<2**	<1.3	<15	<1.3	**<0.75**	<0.75	<13	**<1.5**
			Outdoor Exposure	0.0001	<0.00025	<0.005	<0.0013	<0.0013	<0.00013	<0.0013	<0.00013	<0.0002	<0.00013	<0.0015	<0.00013	<0.000075	<0.000075	<0.0013	<0.00015
			Subslab	0.02	<0.05	<1	<0.26	<0.26	<0.026	<0.26	<0.026	<0.04	<0.026	<0.3	<0.026	<0.015	<0.015	<0.26	<0.03
SV06	2018-05-22	0.9	Unattenuated	-	<2.4	<48	<12	<12	<1.2	<12	1.7	**<1.9**	<1.2	68	<1.2	**<0.71**	<0.71	<12	**<1.4**
			Outdoor Exposure	0.0001	<0.00024	<0.0048	<0.0012	<0.0012	<0.00012	<0.0012	0.00017	<0.00019	<0.00012	0.0068	<0.00012	<0.000071	<0.000071	<0.0012	<0.00014
			Subslab	0.02	<0.048	<0.96	<0.24	<0.24	<0.024	<0.24	0.034	<0.038	<0.024	1.36	<0.024	<0.0142	<0.0142	<0.24	<0.028
SV07	2018-05-22	0.9	Unattenuated	-	<2	<40	<10	113	4.3	<10	1.7	**<1.6**	<4	23	<1	**<0.6**	<1.2	<10	**<1.2**
			Outdoor Exposure	0.0001	<0.0002	<0.004	<0.001	0.0113	0.00043	<0.001	0.00017	<0.00016	<0.0004	0.0023	<0.0001	<0.00006	<0.00012	<0.001	<0.00012
			Subslab	0.02	<0.04	<0.8	<0.2	2.26	0.086	<0.2	0.034	<0.032	<0.08	0.46	<0.02	<0.012	<0.024	<0.2	<0.024
SV08	2018-05-22	0.9	Unattenuated	-	<2.4	<48	<12	200	4	<12	3.3	**<1.9**	<1.9	28	<1.2	**<2.4**	<0.71	<12	**<1.4**
			Outdoor Exposure	0.0001	<0.00024	<0.0048	<0.0012	0.02	0.0004	<0.0012	0.00033	<0.00019	<0.00019	0.0028	<0.00012	<0.00024	<0.000071	<0.0012	<0.00014
			Subslab	0.02	<0.048	<0.96	<0.24	4	0.08	<0.24	0.066	<0.038	<0.038	0.56	<0.024	<0.048	<0.0142	<0.24	<0.028
SV08	2018-08-16	0.9	Unattenuated	-	<2.2	<45	<11	276	5.1	<11	7.8	**<1.8**	<2.2	<13	<1.1	**<90**	<0.67	<11	**<2.2**
			Outdoor Exposure	0.0001	<0.00022	<0.0045	<0.0011	0.0276	0.00051	<0.0011	0.00078	<0.00018	<0.00022	<0.0013	<0.00011	<0.009	<0.000067	<0.0011	<0.00022
			Subslab	0.02	<0.044	<0.9	<0.22	5.52	0.102	<0.22	0.156	<0.036	<0.044	<0.26	<0.022	**<1.8**	<0.0134	<0.22	<0.044
SV09	2018-08-16	0.95	Unattenuated	-	<2.3	<45	<11	<11	<1.1	<11	<2.3	**<1.8**	<1.1	<14	<1.1	**<90**	<0.68	<11	**<1.4**
			Outdoor Exposure	0.0001	<0.00023	<0.0045	<0.0011	<0.0011	<0.00011	<0.0011	<0.00023	<0.00018	<0.00011	<0.0014	<0.00011	<0.009	<0.000068	<0.0011	<0.00014
			Subslab	0.02	<0.046	<0.9	<0.22	<0.22	<0.022	<0.22	<0.046	<0.036	<0.022	<0.28	<0.022	**<1.8**	<0.0136	<0.22	<0.028

PGL ENVIRONMENTAL CONSULTANTS

Table for Figure 19
Soil Vapour Results - Volatile Organic Compounds
1002 Station St., 250 and 310 Prior St., Vancouver, BC
Providence Health Care, PGL File 5355-01.01

					VOCs															
					Acetone	Bromodichloromethane [BDCM]	Bromoform	Carbon tetrachloride	Chlorobenzene	Chloroethane	Dibromochloromethane [DBCM]	Dichlorobenzene, 1,2-	Dichlorobenzene, 1,3-	Dichlorobenzene, 1,4-	Dichloroethane, 1,1-	Dichloroethane, 1,2-	Dichloroethylene, 1,1-	Dichloroethylene, 1,2- cis	Dichloroethylene, 1,2- trans	Dichloropropane, 1,2-	cis-1,3-dichloropropene
					ug/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
RDL					24	1	5.2	0.52	1	17	8.6	5.2	1.7	1.7	0.86	0.34	1	1.7	1.7	0.52	0.86
CSR Sch 3.3 Parkade					**15000**	**300**	**75**	**15**	**80**	**80000**	**300**	**1500**	**500**	**6500**	**4000**	**55**	**15000**	**500**	**500**	**30**	**~**
CSR Sch 3.3 CL					**5500**	**100**	**30**	**5**	**30**	**30000**	**100**	**600**	**200**	**2500**	**1500**	**20**	**600**	**200**	**200**	**10**	**~**
CSR Sch 3.3 RL					**2000**	**40**	**9**	**1.5**	**10**	**10000**	**40**	**200**	**60**	**800**	**500**	**7**	**200**	**60**	**60**	**4**	**~**
Location	**Date**	**Bentonite Seal (m bgs)**	**AttenuationFactorType**	**Factor**																	
SV10	2018-08-16	0.95	Unattenuated	-	<89	<1.1	<6.7	141	<1.1	<22	<11	<6.7	<2.2	<2.2	<1.1	<0.45	33.4	12.8	6.8	<0.67	<1.1
			Outdoor Exposure	0.0001	<0.0089	<0.00011	<0.00067	0.0141	<0.00011	<0.0022	<0.0011	<0.00067	<0.00022	<0.00022	<0.00011	<0.000045	0.00334	0.00128	0.00068	<0.000067	<0.00011
			Subslab	0.02	<1.78	<0.022	<0.134	**2.82**	<0.022	<0.44	<0.22	<0.134	<0.044	<0.044	<0.022	<0.009	0.668	0.256	0.136	<0.0134	<0.022
SV11	2018-08-16	0.95	Unattenuated	-	<260	<3.5	<6.6	<0.66	**<150**	<22	<11	<6.6	<2.2	<2.2	<1.1	<0.44	<1.3	<2.2	<2.2	<0.66	<1.1
			Outdoor Exposure	0.0001	<0.026	<0.00035	<0.00066	<0.000066	<0.015	<0.0022	<0.0011	<0.00066	<0.00022	<0.00022	<0.00011	<0.000044	<0.00013	<0.00022	<0.00022	<0.000066	<0.00011
			Subslab	0.02	<5.2	<0.07	<0.132	<0.0132	<3	<0.44	<0.22	<0.132	<0.044	<0.044	<0.022	<0.0088	<0.026	<0.044	<0.044	<0.0132	<0.022
Z02 (Dup of SV11)	2018-08-16	0.95	Unattenuated	-	<520	<10	<5.2	<0.52	**<100**	<17	<8.6	<5.2	<1.7	<2.8	<0.86	<0.34	<1	<1.7	<1.7	<0.52	<0.86
			Outdoor Exposure	0.0001	<0.052	<0.001	<0.00052	<0.000052	<0.01	<0.0017	<0.00086	<0.00052	<0.00017	<0.00028	<0.000086	<0.000034	<0.0001	<0.00017	<0.00017	<0.000052	<0.000086
			Subslab	0.02	<10.4	<0.2	<0.104	<0.0104	<2	<0.34	<0.172	<0.104	<0.034	<0.056	<0.0172	<0.0068	<0.02	<0.034	<0.034	<0.0104	<0.0172
SV12	2018-08-16	0.95	Unattenuated	-	<240	<1.2	<7.1	<0.71	<3.8	<24	<12	<7.1	<2.4	<2.4	<1.2	<0.48	<1.4	3.6	<2.4	<0.71	<1.2
			Outdoor Exposure	0.0001	<0.024	<0.00012	<0.00071	<0.000071	<0.00038	<0.0024	<0.0012	<0.00071	<0.00024	<0.00024	<0.00012	<0.000048	<0.00014	0.00036	<0.00024	<0.000071	<0.00012
			Subslab	0.02	<4.8	<0.024	<0.142	<0.0142	<0.076	<0.48	<0.24	<0.142	<0.048	<0.048	<0.024	<0.0096	<0.028	0.072	<0.048	<0.0142	<0.024
SV13	2018-09-12	0.85	Unattenuated	-	<120	<1.3	<7.5	<0.75	<1.3	<25	<13	<7.5	<2.5	<2.5	<1.3	<0.5	<1.5	<2.5	<2.5	<0.75	<1.3
			Outdoor Exposure	0.0001	<0.012	<0.00013	<0.00075	<0.000075	<0.00013	<0.0025	<0.0013	<0.00075	<0.00025	<0.00025	<0.00013	<0.00005	<0.00015	<0.00025	<0.00025	<0.000075	<0.00013
			Subslab	0.02	<2.4	<0.026	<0.15	<0.015	<0.026	<0.5	<0.26	<0.15	<0.05	<0.05	<0.026	<0.01	<0.03	<0.05	<0.05	<0.015	<0.026
SV14	2018-09-12	0.85	Unattenuated	-	<24	<1	<6	<0.6	<1	<20	<10	<6	<2	<2	<1	<0.4	<1.2	<2	<2	<0.6	<1
			Outdoor Exposure	0.0001	<0.0024	<0.0001	<0.0006	<0.00006	<0.0001	<0.002	<0.001	<0.0006	<0.0002	<0.0002	<0.0001	<0.00004	<0.00012	<0.0002	<0.0002	<0.00006	<0.0001
			Subslab	0.02	<0.48	<0.02	<0.12	<0.012	<0.02	<0.4	<0.2	<0.12	<0.04	<0.04	<0.02	<0.008	<0.024	<0.04	<0.04	<0.012	<0.02
SV15	2018-09-12	0.85	Unattenuated	-	<25	<1	<6.1	3.64	<1	<20	<10	<6.1	<2	<2	<1	<0.41	<3.7	884	110	<0.61	<1
			Outdoor Exposure	0.0001	<0.0025	<0.0001	<0.00061	0.000364	<0.0001	<0.002	<0.001	<0.00061	<0.0002	<0.0002	<0.0001	<0.000041	<0.00037	0.0884	0.011	<0.000061	<0.0001
			Subslab	0.02	<0.5	<0.02	<0.122	0.0728	<0.02	<0.4	<0.2	<0.122	<0.04	<0.04	<0.02	<0.0082	<0.074	17.68	2.2	<0.0122	<0.02
SV16	2018-09-12	0.85	Unattenuated	-	<1400	<1.1	<6.8	<0.68	<2.7	<23	<11	<6.8	<2.3	<2.3	<1.1	<0.45	6.4	96	14	<0.68	<1.1
			Outdoor Exposure	0.0001	<0.14	<0.00011	<0.00068	<0.000068	<0.00027	<0.0023	<0.0011	<0.00068	<0.00023	<0.00023	<0.00011	<0.000045	0.00064	0.0096	0.0014	<0.000068	<0.00011
			Subslab	0.02	<28	<0.022	<0.136	<0.0136	<0.054	<0.46	<0.22	<0.136	<0.046	<0.046	<0.022	<0.009	0.128	1.92	0.28	<0.0136	<0.022
SV17	2018-09-12	0.85	Unattenuated	-	<1500	<2.5	<7.5	<0.75	<1.3	<25	<13	<7.5	<2.5	<2.5	<1.3	2.99	<1.5	13.4	<2.5	3.04	<1.3
			Outdoor Exposure	0.0001	<0.15	<0.00025	<0.00075	<0.000075	<0.00013	<0.0025	<0.0013	<0.00075	<0.00025	<0.00025	<0.00013	0.000299	<0.00015	0.00134	<0.00025	0.000304	<0.00013
			Subslab	0.02	<30	<0.05	<0.15	<0.015	<0.026	<0.5	<0.26	<0.15	<0.05	<0.05	<0.026	0.0598	<0.03	0.268	<0.05	0.0608	<0.026
SV18	2018-09-12	0.85	Unattenuated	-	**<2200**	<9.3	<5.6	<0.56	**<11**	<19	<9.3	<5.6	<1.9	<1.9	<0.93	<1.5	<1.1	<1.9	<1.9	<0.56	<0.93
			Outdoor Exposure	0.0001	<0.22	<0.00093	<0.00056	<0.000056	<0.0011	<0.0019	<0.00093	<0.00056	<0.00019	<0.00019	<0.000093	<0.00015	<0.00011	<0.00019	<0.00019	<0.000056	<0.000093
			Subslab	0.02	<44	<0.186	<0.112	<0.0112	<0.22	<0.38	<0.186	<0.112	<0.038	<0.038	<0.0186	<0.03	<0.022	<0.038	<0.038	<0.0112	<0.0186
Z03 (Dup of SV18)	2018-09-12	0.85	Unattenuated	-	**<2800**	<3.1	<5.2	<0.52	**<17**	<17	<8.6	<5.2	<1.7	<1.7	<0.86	<0.34	<1	<1.7	<1.7	<0.52	<0.86
			Outdoor Exposure	0.0001	<0.28	<0.00031	<0.00052	<0.000052	<0.0017	<0.0017	<0.00086	<0.00052	<0.00017	<0.00017	<0.000086	<0.000034	<0.0001	<0.00017	<0.00017	<0.000052	<0.000086
			Subslab	0.02	<56	<0.062	<0.104	<0.0104	<0.34	<0.34	<0.172	<0.104	<0.034	<0.034	<0.0172	<0.0068	<0.02	<0.034	<0.034	<0.0104	<0.0172
BH02M	2019-03-16	1.2	Unattenuated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Outdoor Exposure	0.0001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Subslab	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-