

**SEACOR ENVIRONMENTAL INC.**

CLIENT: **Chevron Canada Limited**  
 PROJECT: **Chevron Service Station SS1683**  
 1250 Elm Street  
 Campbell River, B.C.

**BOREHOLE LOG**

BOREHOLE NO: **BH99-1**  
 ELEVATION: **99.940 m**

SEACOR JOB NO: **N0002-197**

DEPTH (m)	SAMPLE TYPE	SOIL TYPE	SOIL DESCRIPTION	TEST DATA					WELL COMPLETION	WATER LEVEL	FIELD NOTES	DEPTH (m)
				HYDROCARBON VAPOUR LEVEL (ppmv)								
				1	10	100	1000	10000				
0.0 - 0.28		ASPHALT										
0.28 - 0.45		SAND AND GRAVEL (Fill): fine to coarse grained sand, fine to coarse subrounded to subangular gravel, very loose, well graded, brown, damp										road box bentonite
0.45 - 0.5		SAND (Fill): medium to coarse grained, some fine subrounded gravel, trace coarse subangular gravel, loose, poorly graded, grey, moist										24/2/99 23/2/99
0.5 - 2.0		SILT (Native): clayey, soft, low plasticity, brown, wet										
2.0 - 2.5		SILT (Native): some fine to coarse grained sand, trace fibrous material, soft, brown-grey, wet										
2.5 - 3.5		SAND (Native): fine to coarse grained, well graded, trace silt, loose, brown-grey, saturated										
3.5 - 4.3		SAND (Native): coarse grained, trace fine to medium grained sand, loose, poorly graded, grey, saturated										slotted pipe
4.3 - 4.4		- some silt between 4.3 and 4.4 m										
4.4 - 5.0		SAND (Native): coarse grained, with fine subangular gravel, compact, well graded, grey, saturated										
5.0 - 5.5		SAND (Native): fine to coarse grained sand, trace fine subangular gravel, compact, well graded, grey, wet										
5.5 - 6.0		SANDY SILT (Native): fine to coarse grained sand, soft, grey, wet										
6.0 - 6.5		SAND (Native): fine grained, poorly graded, some silt, trace shell fragments, compact to dense, grey, wet										
6.5 - 7.0		SILTY SAND (Native): fine grained, trace to some shell fragments, dense, poorly graded, grey, moist										
7.0 - 8.1		END OF BOREHOLE AT 8.1 m Monitoring Well Installed: - well casing elevation = 99.820 m - bentonite seal from 0.28 m - 0.45 m - solid 50 mm diameter PVC pipe from near ground surface to 0.5 m - machine slotted (0.010) 50 mm diameter PVC pipe from 0.5 m - 7.6 m - borehole vapour level on February 24, 1999 = 165 ppmv * initial and static groundwater levels referenced to ground surface										soil cuttings

SEACOR CANADA 2-197(CHANGES).GPJ SEACOR CAN.GDT 11/19/02

DRILLING METHOD: **Hollow Stem Augers/Split Spoons**  
 DATE DRILLED: **February 23, 1999**

Notes: GRAB SAMPLE  
 SPLIT SPOON