

Log of Monitoring Well: MW14-01-A/B



Project Name/No: 1721-001.01

Drilling Company: Midnight Sun Drilling Inc.

Client: Castle Rock Enterprises

Drilling Method: Solid Stem Modified Split Point

Date Drilled: July 16, 2014

Logged by: Thomas Kolb

Site Location: Alaska Highway

Sheet: 1 of 2

SUBSURFACE PROFILE			SAMPLE					Backfill details	
Depth	Symbol	Description	Depth/Elev (m)	Sample ID	Analysed Y,N	Sample Type	Vapour ppm 0 250 500		LEL % 0 50 100
0		Ground Surface	0.00						
0		Organic Topsoil Spongy, black, rootlets present	0.00						
1				MW14-01-1			0		
2									
3									
4		SILT AND SAND AND GRAVEL Fine to coarse grained silt, fine to coarse grained sand and gravel (subangular to subrounded, poorly sorted), brown, low density, dry to moist, coated in topsoil from the auger	-1.07						
5				MW14-01-2			0		
6									
7									
8									
9									
10		CLAYEY SILT Some trace fine to coarse grained gravel (subangular to subrounded, poorly sorted), light grey/brown, some blue shading, soft, medium density, wet	-2.90						
11				MW14-01-3			0		
12									
13									
14									
15		Increasing density with depth starting at 4.200 m							
16				MW14-01-4			0		
17									
18									
19		CLAYEY SILT Trace fine to coarse grained gravel (subangular to subrounded), blue grey, firm, high density, moist to wet, homogeneous	-5.49						
20									

Well location: Upgradient of LTF	Well casing diameter: 0.050 m	Depth of well (TOC): 3.450 m / 8.700 m
Depth to water level (TOC):	Well casing material: PVC	Well Elevation (TOC): Not Surveyed
Date of water level:	Well screen slot size: 10 Slot Schedule 40	Ground Elevation: Not Surveyed
Borehole diameter: 0.1524 m	Well screen interval (bgs): 1.950 - 3.450 m / 6.600 - 8.700 m	

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SUBSURFACE PROFILE			SAMPLE					Backfill details
Depth	Symbol	Description	Depth/Elev (m)	Sample ID	Analysed Y,N	Sample Type	Vapour ppm 0 250 500	
21		Increasing stiffness and firmness with depth		MW14-01-5			0	
23	7	SILTY SAND Medium to fine grained, some gravel (poorly graded), grey, wet	-7.01 7.01					
25				MW14-01-6			0	
28	8	SANDY SILT Medium to fine grained, some gravel (poorly graded), grey, wet	-8.53 8.53					
30	9			MW14-01-7			440	
35	10			MW14-01-8			25	
38	11	End of Log	-11.58 11.58					
39	12							

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