

Borehole Log
Site ID: 17978
Submission date: 2015-08-21

Log of Monitoring Well: MW14-1



Project Name/No: MOTI Site ID 6 and 7 Stage 2 PSI/285-086.02 **Drilling Company:** Omega Environmental Drilling Ltd.

Client: Ministry of Transportation and Infrastructure

Drilling Method: Solid Stem

Date Drilled: August 25, 2014

Logged by: KH and PH

Site Location: 7672 Progress Way, Delta, BC

Sheet: 1 of 2

SUBSURFACE PROFILE			SAMPLE					Backfill details			
Depth	Symbol	Description	Depth/Elev (m)	Sample ID	Analysed Y,N	Sample Type	Vapour		LEL		
							0		250 500	0	50 100
-2											
0		Ground Surface	2.37								
0		SAND Sand (fine and medium grain), trace brown lenses of clay, grey, loose, dry	0.00								
1											
1.76				MW14-1-1	Y	█ █		10	*		
2		Sand (medium grain), trace silt, trace clay, dark brown, loose, moist, blocky	0.61								
3											
4				MW14-1-2	N	█ █		8	*		
5											
5		CLAY Clay, trace silt, grey with brown lenses, medium-firm.	1.00								
6											
6				MW14-1-3	N	█ █		19	*		
7											
7		SILT Silt, trace sand (fine grain), trace clay, grey, medium-firm, moist, poorly graded, homogenous Wet below 2.43 m	0.24								
8											
8				MW14-1-4	Y	█ █		6	*		
9											
9		SAND Sand (fine and medium grain), some silt, grey, loose, wet, well graded, homogenous Silt content reduces with depth. Trace silt below 4.57 m Trace clay below 7.01 m	-0.37								
10											
11											
12											
13											
14				MW14-1-5	N	█ █		7	*		
15											

Well location: Refer to Figure 2

Well casing diameter: 0.051 m

Depth of well (TOC): 4.29 m

Depth to water level (TOC): 2.683 m

Well casing material: PVC

Well Elevation (TOC): 3.252 m

Date of water level: September 9, 2014

Well screen slot size: #10 Schedule 40

Ground Elevation: 2.371 m

Borehole diameter: 0.76 m

Well screen interval (bgs): 1.89 m - 3.41 m

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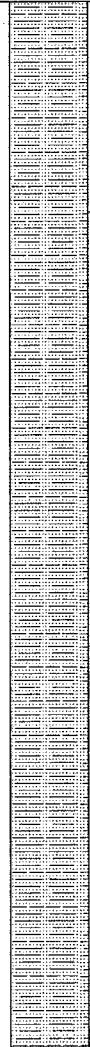
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SUBSURFACE PROFILE			SAMPLE					Backfill details	
Depth	Symbol	Description	Depth/Elev (m)	Sample ID	Analysed Y, N	Sample Type	Vapour		LEL
							ppm		%
							0 250 500	0 50 100	
16	5								
17									
18									
19				MW14-1-6	N	█ █	7		
20	6								
21									
22									
23	7								
24				MW14-1-7	N	█ █	7		
25									
26	8								
27									
28									
29				MW14-1-8	N	█ █	8		
30	9		-8.77 9.14						
31		End of Log							
32									



Slough

Well location: Refer to Figure 2	Well casing diameter: 0.051 m	Depth of well (TOC): 4.29 m
Depth to water level (TOC): 2.683 m	Well casing material: PVC	Well Elevation (TOC): 3.252 m
Date of water level: September 9, 2014	Well screen slot size: #10 Schedule 40	Ground Elevation: 2.371 m
Borehole diameter: 0.76 m	Well screen interval (bgs): 1.89 m - 3.41 m	