

Log of Monitoring Well: MW13-14



Project Name/No: Belmont PSI 2 / 1505-019.01

Drilling Company: Mud Bay

Client: MOTICS

Drilling Method: Hydrovac / Sonic

Date Drilled: Vac July 31, 2013 / Drill August 1, 2013

Logged by: MB

Site Location: 3067 Jacklin Rd., Langford, BC

Sheet: 1 of 2

SUBSURFACE PROFILE			SAMPLE					Backfill details	
Depth	Symbol	Description	Depth/Elev (m)	Sample ID	Analysed Y,N	Sample Type	Vapour ppm		LEL %
ft	m						0 250 500	0 50 100	
0	0	Ground Surface	98.36 0.00						
0	0	GRASS							
1	0	SAND Sand, fine grained, brown, loose, homogenous, dry, no odour, no staining		14-1	N	X	0		
2	0	SAND AND GRAVEL Well graded sand and gravel (subrounded, fine grained, some coarse grained), brown, medium dense, dry, no odour, no sheen	97.75 0.61						
3	1			14-2	N	X	0		
4	1								
5	1	Sand, medium and coarse grained, gravel (subangular, fine grained, trace coarse grained), brown, medium dense, homogenous, dry, no odour, no staining	96.81 1.52						
6	2			14-3	N	X	0		
7	2								
8	2			14-4	Y	X	5		
9	2								
10	3	sand, well graded, gravel (subrounded, coarse grained), some silt, brown and grey, medium dense, wet, no odour, no staining	95.31 3.05						
11	3			14-5	N	X	0		
12	3								
13	4								
14	4	Less fine grained sand, wet	94.09 4.27						
15	4	Layer of cobbles	93.79 4.57						
16	4			14-6	N	X	10		
17	4								
18	4	Same as above with silt, light brown	92.88 5.49						
19	4			14-7	N	X	55		
20	4	GRAVEL Gravel (subrounded, fine and some coarse grained), trace coarse grained sand, trace silt, grey, medium dense, wet, no odour, no staining	92.57 5.79						
21	6			14-8	Y	X	>500		

Well location:	Well casing diameter: 0.05 m	Depth of well (TOC): 3.824 m
Depth to water level (TOC): 3.134 m	Well casing material: PVC	Well Elevation (TOC): 98.262 m
Date of water level: August 12, 2013	Well screen slot size: 10-Slot Schedule 40	Ground Elevation: 98.362 m
Borehole diameter: 0.15 m	Well screen interval (bgs): 2.43 - 3.96 m	

Log of Monitoring Well: MW13-14



Project Name/No: Belmont PSI 2 / 1505-019.01

Drilling Company: Mud Bay

Client: MOTICS

Drilling Method: Hydrovac / Sonic

Date Drilled: Vac July 31, 2013 / Drill August 1, 2013

Logged by: MB

Site Location: 3067 Jacklin Rd., Langford, BC

Sheet: 2 of 2

SUBSURFACE PROFILE			SAMPLE					Backfill details			
Depth	Symbol	Description	Depth/Elev (m)	Sample ID	Analysed Y,N	Sample Type	Vapour ppm		LEL		
							0		250	500	0
22											
23	7	Change to brown, more silt, fine grained gravel followed by coarse grained gravel layer	91.35 7.01	14-9	N	☒					
24		Poor recovery from 7.31 - 8.93 m	91.05 7.32								
25											
26	8										
27		Cobble blocked barrel	89.98 8.38								
28											
29			89.52 8.54								
30	9	SAND AND GRAVEL Well graded sand (more coarse grained) and gravel (subrounded, fine and coarse grained), grey, medium dense, homogenous, wet, no odour, no staining									
31											
32				14-10	N	☒					
33	10										
34											
35		GRAVEL Gravel (subrounded, coarse grained)	87.69 10.51								
36	11	Return to same sand and gravel as above	87.39 10.97								
37											
38											
39	12										
40		Poor recovery	86.17 12.19								
41			85.87 12.50								
42		End of Log									

Well location:	Well casing diameter: 0.05 m	Depth of well (TOC): 3.824 m
Depth to water level (TOC): 3.134 m	Well casing material: PVC	Well Elevation (TOC): 98.262 m
Date of water level: August 12, 2013	Well screen slot size: 10-Slot Schedule 40	Ground Elevation: 98.362 m
Borehole diameter: 0.15 m	Well screen interval (bgs): 2.43 - 3.96 m	