

MONITORING WELL ID: WP1E-MW08-3

Location: 3497 Metchosin Rd., Colwood, BC
 Drilling Contractor: Drill Well
 Drilling Equipment/Method: Solid Stem Auger

Project Name/No.: 9688-04
 Client: Lehigh Northwest Cement Limited
 Engineer/Geologist: JLK
 Date: January 14, 2008

Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed (Y,N)	Sample ID	Headspace				Elevation (m)	Well Construction	Remarks				
							ppm		LEL in %								
							0	100	300	500	0	20	60	100			
0		Ground Surface										52.62					
0		FILL Brown gravelly medium to coarse grained sand FILL. well graded fine to coarse grained subrounded to subangular gravel, trace silt, loose. wet. No odours or staining.															
1				80	N	WP1E-MW08-3 (0.2 m)											
1.2				80	N	WP1E-MW08-3 (1.2 m)											
2.2				90	N	WP1E-MW08-3 (2.2 m)											
2.9				90	N	WP1E-MW08-3 (2.9 m)											
3.4				90	N	WP1E-MW08-3 (3.4 m)											
4.4		Increases silt content from 4.4 to 4.5 mbg.		90	N	WP1E-MW08-3 (4.4 m)											
5.0				90	N	WP1E-MW08-3 (5.0 m)											
19												46.62					

Location of Well: West Pit E	Well-Borehole Diameter: 150 mm	Depth of Well (TOC): 31.45 m
Date of Water Level: February 27, 2007	Well Casing Diameter: 52 mm	Well Elevation (TOC): 53.441 m
Water Level (Top of Casing): 25.536 m	Well Casing Material: PVC	Well Elevation (Ground): 52.620 m
Co-ordinates:	Well Screen Slot Size: 0.25 mm	

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							ppm	LEL in %			
20		SAND Brown gravelly medium to coarse grained SAND, well graded fine to coarse subrounded to subangular gravel, loose, wet. No odours or staining.		90	N	WP1E-MW08-3 (6.0 m)	0	0	40.92		
21				90	N	WP1E-MW08-3 (6.5 m)	100	0			
22		Minor cobbles at 7.6 mbg.					300	20			
23	7						500	60			
24											
25				90	N	WP1E-MW08-3 (7.5 m)					
26	8										
27											
28				80	N	WP1E-MW08-3 (8.5 m)					
29											
30	9										
31											
32				90	N	WP1E-MW08-3 (9.0 m)					
33	10										
34											
35				90	N	WP1E-MW08-3 (10.5 m)					
36	11										
37											
38				90	N	WP1E-MW08-3 (11.5 m)					
39											

Location of Well: West Pit E
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							0	100	300			
40		SAND Brown gravelly medium to coarse grained SAND, well graded fine to coarse subrounded to subangular gravel, loose, wet. No odours or staining.										
41							125					
42			90	N		WP1E-MW08-3 (12.5 m)						
43	13											
44		Coarse gravel at 13.7 mbg.										
45							75					
46	14											
47												
48			90	N		WP1E-MW08-3 (14.5 m)						
49	15											
50												
51			90	N		WP1E-MW08-3 (15.4 m)						
52	16											
53												
54			60	N		WP1E-MW08-3 (16.2 m)						
55	17											
56		Decreasing gravel content at 16.7 mbg.										
57							60					
58			60	N		WP1E-MW08-3 (17.75 m)				34.92		
59							25					

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							0	ppm	500			
60		SAND Brown poorly graded fine SAND, trace fine gravel, medium dense, moist. No odours or staining										
61			90	N	WP1E-MW08-3 (18.5 m)	30						
62												
63			90	N	WP1E-MW08-3 (19.25 m)	35						
64												
65			90	N	WP1E-MW08-3 (20 m)	25						
66												
67												
68			90	N	WP1E-MW08-3 (20.75 m)	20						
69												
70		90	N	WP1E-MW08-3 (21.5 m)	30							
71												
72												
73		80	N	WP1E-MW08-3 (22.25 m)	45							
74												
75		80	N	WP1E-MW08-3 (23 m)	25							
76												
77												
78		80	N	WP1E-MW08-3 (23.75 m)	30							

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							0	100	300	500			
79		SAND Brown poorly graded fine SAND, trace fine gravel, medium dense, moist. No odours or staining.											
80			90	N	WP1E-MW08-3 (24.5 m)	10							
81													
82	25						30						
83			90	N	WP1E-MW08-3 (25.25 m)								
84													
85	26			90	N	WP1E-MW08-3 (26 m)	40						
86													
87													
88			90	N	WP1E-MW08-3 (26.75 m)	35							
89	27												
90			90	N	WP1E-MW08-3 (27.5 m)	25							
91													
92	28		90	N	WP1E-MW08-3 (28.25 m)	10							
93													
94													
95	29												
96													
97		90	N	WP1E-MW08-3 (29.5 m)	0.0								
98													

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							0	100	500			
99 00 01 02 03	31	SAND Brown poorly graded fine SAND, trace fine gravel, medium dense, moist. No odours or staining.								21.17		
04 05 06 07 08 09 10 11 12 13 14 15 16 17 18	32 33 34 35	End of Hole										

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