

MONITORING WELL ID: 4KMW11-1



Project Location: Watson Lake Airport, Yukon
Drilling Contractor: Uniwide Drilling Company Ltd.
Drilling Equipment/Method: Solid and Hollow Stem Augers
Well Location: NE Corner Area of AEC 4 Landfill

Project Name/No.: Watston Lake Airport AEC 4
Client: PWGSC
Engineer/Geologist: [REDACTED]
Drill Date: September 15, 2011 **Page:** 1 of 2

Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed (Y,N)	Sample ID	Headspace (GasTech)		Well Construction	Remarks
							ppm 0 100 300 500	LEL in % 0 20 60 100		
-2										
-1										
0		Ground Surface								
1		silty SAND Brown, silty fine to medium SAND with minor gravel. Moist, dense, no plasticity and odours and staining were not observed.								
2										
3	1	@ 1.5 m trace coarse sand and cobbles to 10 cm dia.								
4										
5										
6										
7	2									
8										
9										
10	3									
11										
12										
13	4									
14										
15										
16	5	SAND Brown-grey, medium SAND with some gravel. Moist, dense, no plasticity and odours and staining were not observed.								
17										
18										
19										
20	6	From 6.1 to 7.6 mbg trace silt occurs within the sand unit.								
21										
22										
23	7									
24										
25										
26	8	silty SAND Brown, silty, fine to medium SAND with some gravel. Moist, dense, no plasticity and odours and staining were not observed.								
27										
28										
29	9	Silt content decreases at trace at 11.5 m.								
30										
31										
32										

Date of Water Level: September 19, 2011 Water Level (from TOC): 16.225 m	Well-Borehole Diameter: 22 cm Well Casing Diameter: 5 cm Well Casing Material: PVC Well Screen Slot Size: 10	Depth of Well (TOC): 17.325 m
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							ppm 0 100 300 500	LEL in % 0 20 60 100			
33	10	<p>SAND and GRAVEL Brown-grey fine to coarse SAND and GRAVEL. Wet @ 15.2 m, dense, no plasticity and odours and staining were not observed.</p>							<p>Bentonite</p> <p>Water Level</p> <p>Well Screen and Filter Sand Pack</p> <p>Native Slough</p>		
34											
35											
36	11										
37											
38											
39	12										
40											
41											
42											
43	13										
44											
45											
46	14										
47											
48											
49	15										
50											
51											
52	16										
53											
54											
55											
56	17										
57											
58											
59	18										
60		End of Hole									
61											
62	19										
63											
64											
65											
66	20										
67											

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