

MONITORING WELL ID: 4KMW11-5



Project Location: Watson Lake Airport, Yukon
Drilling Contractor: Uniwide Drilling Company Ltd.
Drilling Equipment/Method: Solid and Hollow Stem Augers
Well Location: South West Edge of AEC 4 Landfill Cover

Project Name/No.: Watston Lake Airport AEC 4
Client: PWGSC
Engineer/Geologist: [REDACTED]
Drill Date: September 18, 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		
ft m										
-2										
-1										
0		Ground Surface								
1		TOP SOIL Brown silty fine SAND and forest litter topsoil. No plasticity and odours and staining were not observed.								
2		SAND and GRAVEL Brown, silty fine SAND and GRAVEL. Moist, loose, soft, no plasticity and odours and staining were not observed.								
3	1									
4										
5										
6										
7	2									
8										
9		SAND Brown, fine to medium SAND with some coarse cobbly and boulder gravel. Moist, loose, no plasticity and odours and staining were not observed.								
10	3									
11										
12										
13	4									
14										
15										
16	5									
17		SAND and GRAVEL Brown, fine to coarse SAND with coarse cobbly and boulder GRAVEL. Difficult drilling. Moist, dense, no plasticity and odours and staining were not observed.								
18										
19										
20	6	From 8.2 mbg, colour changes to brown-grey.								
21										
22		From 12.2 to 13.9 mbg gravel contains abundant pebble gravels. Moist, loose, no plasticity and odours and staining were not observed.								
23	7									
24										
25										
26	8									
27										

Date of Water Level: September 19, 2011 Water Level (from TOC): 14.410	Well-Borehole Diameter: 22 cm Well Casing Diameter: 5 cm Well Casing Material: PVC Well Screen Slot Size: 10	Depth of Well (TOC): 15.84 m
---	---	------------------------------

MONITORING WELL ID: 4KMW11-5



Project Location: Watson Lake Airport, Yukon
Drilling Contractor: Uniwide Drilling Company Ltd.
Drilling Equipment/Method: Solid and Hollow Stem Augers
Well Location: South West Edge of AEC 4 Landfill Cover

Project Name/No.: Watston Lake Airport AEC 4
Client: PWGSC
Engineer/Geologist: [REDACTED]
Drill Date: September 18, 2011 **Page:** 2 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		
28		<p>SAND Brown-grey medium SAND and some fine gravel. Moist, loose, no plasticity and odours and staining were not observed.</p>								
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45	12									
46	14									
47	14									
48	15									
49	15									
50	15									
51	15									
52	16									
53	16									
54	16									
55	16									
56	17	End of Hole								
57										

Date of Water Level: September 19, 2011 Water Level (from TOC): 14.410	Well-Borehole Diameter: 22 cm Well Casing Diameter: 5 cm Well Casing Material: PVC Well Screen Slot Size: 10	Depth of Well (TOC): 15.84 m
---	---	------------------------------