

MONITORING WELL ID: 4-MW18-5



Well Type: Groundwater Monitoring Well

Project Location: Watson Lake Airport, YT

Drilling Contractor: Ernco Environmental Drilling & Coring Inc.

Drilling Equipment/Method: ODEX/Split Spoon

Well Location: AEC 4

Project Name/No.: [REDACTED]

Client: PSPC

Engineer/Geologist: [REDACTED]

Drill Date: February 28, 2018

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)					Well Construction	Remarks
							0	500	1000	1500	2000		
0		Ground Surface											
0		TOP SOIL Sandy SILT Brown fine to medium sandy SILT, trace organics. Loose, dry, odours and/or staining were not observed.											
2.8		SAND AND SILT Brown very fine SAND and SILT, some fine to medium gravel, some cobbles, trace silt and organics. Loose, dry, odours and/or staining were not observed.	60	Y		4-MW18-5 (0.5)/MW18-L							
8.3		SAND and GRAVEL Brown very fine SAND and medium GRAVEL, some cobbles, trace silt. Loose, moist, odours and/or staining were not observed.	50	Y		4-MW18-5 (2.5)							
13.0			60	N		4-MW18-5 (4.0)							

Date of Water Level: March 1, 2018	Well-Borehole Diameter: 0.20 m	Depth of Well (TOC): 16.92 m
Water Level (from TOC): 14.42 m	Well Casing Diameter: 0.05 m	
	Well Casing Material: Schedule 40 PVC	
	Well Screen Slot Size: 0.25 mm	

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)					Well Construction	Remarks						
							0	500	1000	1500	2000								
19		<p>SAND and GRAVEL Brown very fine SAND and medium GRAVEL, some cobbles, trace silt. Loose, moist, odours and/or staining were note observed.</p>																	
20																			
21																			
22																			
23							7	Becomes coarse SAND and fine to medium GRAVEL at 7.0 m	80	Y	4-MW18-5 (7.0)			6.4					
24							Becomes moist-wet at 7.8 m.												
25																			
26																			
27																			
28																			
29																			
30	9	Becomes wet at 10.0 m																	
31																			
32																			
33	10						30	N	4-MW18-5 (10.0)	8.8									
34																			
35																			
36																			
37																			
38																			
39																			
40	12	Some cobbles at 12.3 m. Dense, moist, odours and/or staining were not observed.																	

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							0	ppm		
41		Some cobbles at 12.3 m. Dense, moist, odours and/or staining were not observed.								
42										
43	13		50	N		4-MW18-5 (13.0)	3.7			
44										
45										
46	14									
47										
48										
49	15									
50										
51										
52										
53	16									
54		BEDROCK Granitic. End of Hole								
55										
56	17									
57										
58										
59	18									
60										
61										
62	19									

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Bentonite
Well Screen
10/20 Silica Sand
Slough - Native Sand and Gravel