

# MONITORING WELL ID: 4-MW18-6



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: March 1, 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		
ft m													
-2													
-1													
0		Ground Surface											
1		<b>SAND and GRAVEL</b> Brown coarse SAND and fine to medium GRAVEL, some cobbles (fill). Loose, dry, odours and/or staining were not observed.		50	Y	4-MW18-6 (0,5)		3,8					
2		<b>SAND</b> Brown very fine to medium SAND (fill). Loose, dry, odours and/or staining were not observed.											
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13		<b>SAND and GRAVEL</b> Brown coarse SAND and fine to medium GRAVEL, some cobbles. Loose, moist, odours and/or staining were note observed.											
14													
15													
16													
17													

Date of Water Level: March 1, 2018  
Water Level (from TOC): 14.81 m

Well-Borehole Diameter: 0.20 m  
Well Casing Diameter: 0.05 m  
Well Casing Material: Schedule 40 PVC  
Well Screen Slot Size: 0.25 mm

Depth of Well (TOC): 15.57 m

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							0	500	1000	1500	2000						
18	6	SAND Brown medium SAND. Loose, moist, odours and/or staining were not observed.	G	80	Y	4-MW18-6 (5.5)	3.1					Well Construction					
19																	
20																	
21																	
22																	
23							7										
24																	
25	8		G								Well Construction						
26																	
27																	
28																	
29																	
30																	
31																	
32																	
33																	
34																	
35	9		G							Well Construction							
36																	
37																	
38	11		G		N	4-MW18-6 (11.5)	0.6										

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							0	500	1000	1500	2000		
39	12	<b>SAND and GRAVEL</b> Brown coarse SAND and fine GRAVEL, some cobbles. Loose, moist, odours and/or staining were not observed.	D									Bentonite	
40		<b>SAND</b> Brown fine to medium SAND, trace fine to medium gravel. Loose, moist to wet, odours and/or staining were not observed.											
41	13	<b>SAND and GRAVEL</b> Brown-grey coarse SAND and fine to medium GRAVEL, some cobbles. Loose, moist to wet, odours and/or staining were not observed.	G	25	N	4-MW18-6 (13.0)	1.4					Well Screen and 10/20 Silica Sand	
42													
43	14	<b>SAND AND SILT</b> Brown-grey very fine SAND and SILT. Soft, moist to wet, odours and/or staining were not observed.	G		Y	4-MW18-6 (14.5)/MW18-M	2.4					Bentonite	
44		<b>SILT</b> Grey SILT. Soft, moist, odours and/or staining were not observed.											
45	15												
46													
47	16												
48													
49	17												
50													
51	18												
52													
53													
54													
55													
56													
57													
58													
59													

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							0	500	1000	1500	2000		
60		<b>SILT</b> Grey SILT. Soft, moist, odours and/or staining were not observed.											
61		End of Hole											
62	19												
63													
64													
65													
66	20												
67													
68													
69	21												
70													
71													
72	22												
73													
74													
75													
76	23												
77													
78													
79	24												
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