

BOREHOLE NUMBER: BH/MW2

Project Number: 0420363
 Project Name: Johnson's Crossing Phase II ESA
 Client Name: Teslin Tlingt Council (TTC)
 Location: Johnson's Crossing, TTC Territory, the Yukon
 Contractor: [REDACTED]
 Drilling Method: Sonic
 Sampling Method:
 Logged / Reviewed By: [REDACTED]

Date Started: 2017-11-27
 Date Completed: 2017-11-28
 Total Depth: 39.62 m bgs
 Borehole Diameter: 0.15 m
 Water Level(∇): n/a
 Surface Elevation: 2414.8 m asl Northing: n/a Easting: n/a
 Notes: n/a

Depth (m)	Sample Interval	Sample Type Number	Graphic Log	Soil Descriptions and Observations	Headspace Vapour Readings		Well Diagram
					✖ (ppm)	● LEL (%)	
0 - 1	UD 02-01			GRAVELLY SILT, brown, loose, dry.			
1 - 2				SILT, light brown, soft - med, slightly moist, some clay from 12 - 22 ft..	3.4		
2 - 3	UD 02-02/Dup 1				2.6		
3 - 4					3.1		
4 - 5	UD 02-03						
5 - 7							
7 - 8	UD 02-04			SILT, some clay, light brown, soft - med, slightly moist.	2.7		
8 - 9							
9 - 10							
10 - 11	UD 02-05			SILT, grey-brown, medium, dry.	2.4		

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					✖ (ppm)	● LEL (%)		
					200	400	800	
					20	40	60	80
12				SILT, grey-brown, medium, dry.	✖	●		
13				SILT, dark grey, dense, very dry.				
14	UD 02-06				✖	●		
15								
16								
17	UD 02-07			Brown-grey 55 - 110 ft.	✖	●	← Bentonite	
18								
19								
20	UD 02-08				✖	●		
21								

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					✱ (ppm)	● LEL (%)	
					200	20	Well Name: n/a
					400	40	
					600	60	
					800	80	
23		UD 02-09		Brown-grey 55 - 110 ft.			
					2.7		
24							
25							
26		UD 02-10					
					1.8		
27							
28							
29		UD 02-11					
					1.9		
30							
31							
32		UD 02-12					
					3.1		

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					✕ (ppm)	● LEL (%)	
33				Brown-grey 55 - 110 ft.			
34				No recovery. Driller says it is very soft.			
35							
36							
37			//	LEAN CLAY, grey, soft, dry. HC sheen on the last 10ft of the drill casing when it was removed from the hole. Formation heaved to 70ft on three occasions during the monitoring well install..			
38		UD 02-13	■		2.3 ✕		
39							
40				Borehole terminated at approximately 39.62 m bgs.			
41							
42							
43							

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