



Borehole No: 20BH01

Project: Phase II ESA - Thompson Drive Residential Dev.

Project No: [REDACTED]

Location: Lot 1, Group 575, Plan 50957

Ground Elev: 689.704 m

Watson Lake, Yukon

Depth (m)	Method	Soil Description	Sample Type	Vapour readings (ppmv)	Notes and Comments	20MM01D	20MM01S	Elevation (m)
0				1 2 3 4				
0 - 4	Solid stem auger	SAND AND GRAVEL - some small cobbles, moist, brown, coarse sand and gravel						688
4 - 19	Sonic	SAND - few small cobbles, moist, brown, coarse sand						686
8 - 9		- some silt and clay, tightly packed						684
11 - 15		- some gravel, grey, medium to coarse sand						682
15 - 16		- 200 mm thick organic lens - dark brown to black, some partially petrified wood						680
16 - 17		- trace silt, damp, soft to firm, fine sand						678
17 - 18		- no visible gravel, well graded, moist, fine to medium sand						676
19 - 20		SILT - sandy, moist to wet, stiff, medium plastic, some grey						674
20 - 21		- wetter						672
23 - 24		- dryer						670
24 - 25								668
25								666



Contractor: [REDACTED]

Completion Depth: 39.62 m

Drilling Rig Type: Track mounted

Start Date: 2020 July 21

Logged By: [REDACTED]

Completion Date: 2020 August 12

Reviewed By: [REDACTED]

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Borehole No: 20BH01

Project: Phase II ESA - Thompson Drive Residential Dev.

Project No: ENW.PENW03024-01

Location: Lot 1, Group 575, Plan 50957

Ground Elev: 689.704 m

Watson Lake, Yukon

Depth (m)	Method	Soil Description	Sample Type	Vapour readings (ppmv)	Notes and Comments	20MW01D	20MW01S	Elevation (m)												
25				<table border="1"> <tr> <th colspan="4">Vapour readings (ppmv)</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Vapour readings (ppmv)				1	2	3	4								
Vapour readings (ppmv)																				
1	2	3	4																	
26	Sonic							664												
27		SAND - moist, trace gravel lenses, trace silt lenses, coarse sand lenses, fine to medium sand						662												
28								660												
29								658												
30								656												
31		- 200 mm thick organic intrusion - partially petrified wood						654												
32								652												
33								650												
34								648												
35								646												
36							644													
37		- wet to very wet, medium to coarse sand and gravel					642													
38		- gravelly, moist, fine sand					640													
39		SILT - sandy, moist to wet, stiff, medium plastic, some grey																		
40		END OF BOREHOLE (39.62 metres)																		
41		slough - 38.71 metres below ground surface																		
42		20MW01D installed to 38.71 metres below ground surface																		
43		water at 8.87 metres below ground surface on August 15, 2020																		
44		20MW01S installed to 22.86 metres below ground surface																		
45		water at 9.63 metres below ground surface on August 15, 2020																		
46		Note: Not logged for geotechnical purposes.																		
47																				
48																				
49																				
50																				



Contractor: Midnight Sun Drilling Inc.

Completion Depth: 39.62 m

Drilling Rig Type: Track mounted

Start Date: 2020 July 21

Logged By: SB/JH

Completion Date: 2020 August 12

Reviewed By: BB

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