



# Borehole No: BH20-08

Project: Geotechnical Site Evaluation

Project No: [REDACTED]

Location: Beaver Creek Sewage Lagoon

Ground Elev: 639.9 m

Beaver Creek, Yukon

UTM: 508233 E; 6921103 N; Z 7 WGS84

Depth (m)	Method	Soil Description	Ground Ice Description	Sample Type	Sample Number	Moisture Content (%)	Moisture Content Legend			Elevation (m)	
							Plastic Limit	Moisture Content	Liquid Limit		
0							20	40	60	80	
0.5	Sonic	SILT - gravelly, some organics, traces of sand and clay, moist, brown. GRAVEL - sandy, trace of silt, sand is fine to coarse, gravel subrounded, to 75 mm diameter, damp, grey-brown, occasional cobbles and boulders. - silty, moist, grey, till-like texture between 0.9 and about 4.6 m  - poor recovery (~40%) in sonic core between 3.1 and 6.1 m	Unfrozen          Probable permafrost (Nf, dry) at depth, no visible evidence of ground ice or permafrost observed in sonic core								
1				SA51	2.5			639			
1.5				SA52	5.3			638			
2											
3											
4											
5											
6				SA53	1.2			634			
7											
8				SA54	1.3			632			
9						631					
9.1		END of BOREHOLE at 9.1 m (Target Depth).								630	
10										629	
11										628	
12										627	
13										626	
14										625	
15										624	
16										623	
17										622	
18										621	
19										620	
20										620	



Contractor: Midnight Sun Drilling Inc.

Completion Depth: 9.1 m

Drilling Rig Type: TerraSonic CC150

Start Date: May 29, 2020

Logged By: [REDACTED]

Completion Date: May 29, 2020

Reviewed By: [REDACTED]

Page 1 of 1