



# Borehole No: BH20-07

Project: Geotechnical Site Evaluation

Project No: [REDACTED]

Location: Beaver Creek Sewage Lagoon

Ground Elev: 639.5 m

Beaver Creek, Yukon

UTM: 508197 E; 6921157 N; Z 7 WGS84

Depth (m)	Method	Soil Description	Ground Ice Description	Sample Type	Sample Number	SPT (N)	Moisture Content (%)		Elevation (m)
							Plastic Limit	Liquid Limit	
0									
0.5	Sonic	PEAT and SILT - some gravel, trace of clay, moist, soft, brown.	Unfrozen						
1.0		GRAVEL and SAND - trace of silt, sand is fine to coarse, gravel subrounded, to 75 mm diameter, moist, grey-brown.							
2.0		- drilled through cobble at 1.8 m			SA44	49	10.4		
2.0					SA45	5.8			
3.0					SA46	10/25mm			
4.0				Probable permafrost (Nf, dry) at depth, no visible evidence of ground ice or permafrost observed in sonic core					
5.0					SA47	32	7.3		
6.0					SA48	25/75mm			
7.0				- drilled through cobble at 6.1 m					
8.0		- control wiring for drop hammer frayed/broken, no SPT conducted at 7.6 m							
8.0				SA49	1.4				
9.0				SA50	1.4				
9.1		END of BOREHOLE at 9.1 m (Target Depth).							
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									
19.0									
20.0									



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]

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