



Borehole No: MW21-04

Project: Carmacks Lagoon Additional Geotech

Project No: [REDACTED]

Location: km 2 Freegold Road

Ground Elev: 533.71 m

Carmacks, Yukon

UTM: 430004 E; 6887822 N; Z 8

Depth (m)	Method	Soil Description	Ground Ice Description	Sample Type	Sample Number	Moisture Content (%)	Plastic Limit	Moisture Content	Liquid Limit	Elevation (m)
0										533.71
1	Sonic	SAND - trace silt, trace organics, fine to medium grained sand, damp, brown - no visible organics	Unfrozen		SA34	3.6				532
2		SAND AND GRAVEL - trace silt, fine to medium grained sand, subrounded to subangular gravel to 50 mm diameter, damp, brown			SA35	3				530
3		SILT - sandy, fine grained sand, damp, brown, some oxidization, clayey inclusions			SA36	30.5				528
4					SA37	6				526
5		SAND - trace silt, fine to medium grained sand, damp, brown			SA38	4.4				524
6		- wet from drilling at 6.2 metres			SA39	12.8				522
7		- damp			SA40	4				520
8		- gravelly, subrounded to subangular gravel to 70 mm diameter			SA41	3.2				518
9		- gravel to 20 mm diameter, wet								516
10		- some silt, trace subrounded to subangular gravel to 30 mm diameter, moist								514
11		- silty								512
12		- trace silt								510
13		- wet from drilling at 12.3 metres								
14		- fine to coarse grained sand, damp								
15										
16				GRAVEL - some medium to coarse grained sand, trace silt, subrounded to subangular gravel to 80 mm diameter, wet, brown						
17										
18										
19					SA42	5.4				
20										
21										
22		END OF BOREHOLE (21.3 metres) water - 16.7 metres on November 10, 2021 Monitoring well installed to 21.3 metres								
23										
24										
25										

[REDACTED]	Contractor: [REDACTED]	Completion Depth: 21.3 m
	Equipment Type: Terrasonic CC 150	Start Date: 2021 November 6
	Logged By: [REDACTED]	Completion Date: 2021 November 6
	Reviewed By: [REDACTED]	Page 1 of 1