



Borehole No: MW21-01

Project: Carmacks Lagoon Additional Geotech

Project No: [REDACTED]

Location: km 2 Freegold Road

Ground Elev: 535.2 m

Carmacks, Yukon

UTM: 430230 E; 6887585 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										
0		ORGANICS - rootlets, white ash, moist, (170 mm thick)	Unfrozen							
1		SAND - some subrounded to subangular gravel to 80 mm diameter, trace silt, fine to medium grained sand, damp, brown			SA01	2.9				534
2										
3										
4		- gravelly, oxidized for 40 mm			SA02	2.2				532
5		- some gravel								
6					SA03	2.4				530
7		SILT - some fine grained sand, some clay, moist, low plastic, greyish brown			SA04	32.4				528
8		- medium plastic, grey			SA05	31.3				526
9										
10		GRAVEL AND SAND - trace silt, subrounded to subangular gravel to 80 mm diameter, fine to coarse grained sand, damp, brown								
11	Sonic				SA06	3.1				524
12		- some silt, gravel to 90 mm diameter, 80 mm thick clayey silt lump								
13					SA07	5.1				522
14		- trace silt			SA08	3				520
15										
16		- gravel to 60 mm diameter, moist								
17					SA09	4.1				518
18		- wet								
19		- gravel to 70 mm diameter								
20										
21										
22		END OF BOREHOLE (21.3 metres) water - 18.1 metres on November 10, 2021 Monitoring well installed to 21.0 metres								514
23										
24										512
25										

[REDACTED]

Contractor: [REDACTED]

Completion Depth: 21.3 m

Equipment Type: Terrasonic CC 150

Start Date: 2021 November 4

Logged By: [REDACTED]

Completion Date: 2021 November 4

Reviewed By: [REDACTED]

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