



# Borehole No: MW21-03

Project: Carmacks Lagoon Additional Geotech

Project No: [REDACTED]

Location: km 2 Freegold Road

Ground Elev: 543.75 m

Carmacks, Yukon

UTM: 430249 E; 6888004 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		SAND - silty, trace organics, fine to medium grained sand, damp, brown - trace silt, no visible organics	Unfrozen							542
1					SA24	3.7				542
2										540
3		- trace silt								540
4					SA25	7.4				538
5										538
6		- some gravel to 40 mm diameter, fine to coarse grained sand, wet from drilling at 6.1 metres								536
7										536
8					SA26	5.9				534
9		- gravel to 20 mm diameter, moist from drilling at 9.1 metres								534
10		- moist from drilling at 9.6 metres			SA27	12.4				532
11		- damp								532
12	Sonic	- wet from drilling at 12.3 metres								530
13		- trace gravel to 40 mm diameter, fine to medium grained sand, damp								530
14					SA28	3.2				528
15		- moist from drilling at 15.2 metres								528
16		- gravel to 50 mm diameter, damp								526
17					SA29	2.6				526
18										524
19		- gravel to 15 mm diameter, moist from drilling at 18.3 metres								524
20										522
21		- gravelly, gravel to 40 mm diameter, damp			SA30	1.6				522
22		- moist								520
23					SA31	6.2				520
24										520
25										520

[REDACTED]

Contractor: [REDACTED]

Completion Depth: 33.5 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 2



# Borehole No: MW21-03

Project: Carmacks Lagoon Additional Geotech

Project No: [REDACTED]

Location: km 2 Freegold Road

Ground Elev: 543.75 m

Carmacks, Yukon

UTM: 430249 E; 6888004 N; Z 8

Depth (m)	Method	Soil Description	Ground Ice Description	Sample Type	Sample Number	Moisture Content (%)	Plastic Limit	Moisture Content	Liquid Limit	MW21-03	Elevation (m)
25											
26	Sonic	GRAVEL AND SAND - trace silt, subrounded to subangular gravel to 40 mm diameter, fine to coarse grained sand, moist, brown	Unfrozen		SA32	4.8					518
27		- gravel to 50 mm diameter, medium to coarse grained sand, wet			SA33	10					516
28											
29											
30											
31											
32											
33											
34		END OF BOREHOLE (33.5 metres) water - 26.9 metres on November 10, 2021 Monitoring well installed to 33.5 metres									510
35											
36											508
37											
38											506
39											
40											504
41											
42											502
43											
44											500
45											
46											498
47											
48											496
49											
50											494

[REDACTED]

Contractor: [REDACTED]

Completion Depth: 33.5 m

Equipment Type: Terrasonic CC 150

Start Date: 2021 November 6

Logged By: [REDACTED]

Completion Date: 2021 November 6

Reviewed By: [REDACTED]

Page 2 of 2