

2010 Monitoring Well Program	CLIENT: YG - Department of Community Services	PROJECT NO. - BOREHOLE NO.
Carmacks Sewage Lagoon	DRILL: Geotech MST-Odex	CA-MW01
Carmacks, YT	6890605N; 431938E; Zone 8	
SAMPLE TYPE	<input type="checkbox"/> DISTURBED <input type="checkbox"/> NO RECOVERY <input checked="" type="checkbox"/> SPT <input type="checkbox"/> A-CASING <input type="checkbox"/> SHELBY TUBE <input type="checkbox"/> CORE	
BACKFILL TYPE	<input type="checkbox"/> BENTONITE <input type="checkbox"/> PEA GRAVEL <input type="checkbox"/> SLOUGH <input type="checkbox"/> GROUT <input type="checkbox"/> DRILL CUTTINGS <input type="checkbox"/> SAND	

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	NOTES & COMMENTS	Monitoring well	Depth (ft)
0	SAND - some silt, uniformly graded, very fine to fine grained sand, damp, yellow brown		G1			0
1	- light brown		G2			5
2						10
3	- moist		G3			15
4	- yellow brown					20
5	- no silt, trace gravel, poorly graded, very fine to fine grained sand, gravel is 5-20 mm, subrounded to angular, moist, loose, yellow brown		G4			25
6	GRAVEL and SAND - well graded sand, gravel is 5-20 mm, rounded to angular, dry to damp		G5			30
7						35
8	GRAVEL - trace sand, well graded sand, gravel is 5-15 mm, subrounded to angular, dry		G6			40
9	- sandy		G7			45
10	SAND - some to trace gravel, fine to coarse grained sand, gravel is 5-20 mm, subrounded to angular, damp, brown		G8			50
11	GRAVEL and SAND - well graded sand, gravel is 5-10 mm, subrounded to angular, dry		G9			55
12	GRAVEL - some sand, fine to very coarse grained sand, gravel is 5-10 mm, subrounded to angular, dry					60
13	- trace sand		G10			65
14	- gravel is 3-20 mm		G11			70
15	GRAVEL - sandy, well graded, fine to very coarse grained sand, gravel is 5-15 mm, subrounded to angular, dry					75
16	- trace sand		G12			80
17	GRAVEL and SAND - well graded sand, gravel is 5-15 mm, subrounded to angular, dry					85
18	GRAVEL - some sand, well graded sand, gravel is 5-15 mm, subrounded to angular, dry		G13			90
19	GRAVEL and SAND - well graded sand, gravel is 5-10 mm, subrounded to angular, dry					95
20	- trace sand		G14			100
21	GRAVEL - trace sand, well graded sand, gravel is 5-10 mm, subrounded to angular, dry					105
22	SAND - trace gravel, well graded sand, gravel is 5-10 mm, subrounded to angular, damp		G15		110	
	- some gravel				115	
	GRAVEL - uniformly graded, gravel is 5-10 mm, subrounded to angular, dry				120	

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BACKFILL TYPE		<input checked="" type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND
Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	NOTES & COMMENTS	Monitoring well	Depth (ft)	
22						75	
23						80	
24						85	
25						90	
26	- sandy, fine to very coarse grained sand, gravel is 5-10 mm. subrounded to angular, dry	<input checked="" type="checkbox"/>	G16			95	
27	- gravel is 5-15 mm, rounded to angular, dry	<input checked="" type="checkbox"/>	G17			100	
28	GRAVEL and SAND - fine to very coarse grained sand, gravel is 5-15 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G18			105	
29	GRAVEL - uniformly graded, 5-20 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>				110	
30	- sandy, fine to very coarse grained sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G19			115	
31	- trace sand, medium to very coarse grained sand	<input checked="" type="checkbox"/>	G20			120	
32						125	
33	SAND and GRAVEL - well graded sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G21			130	
34	GRAVEL - trace sand, medium to very coarse grained sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>				135	
35	SAND and GRAVEL - well graded sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G22			140	
36	GRAVEL - trace sand, well graded sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G23			145	
37	SAND and GRAVEL - well graded sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>				150	
38	GRAVEL - some sand, well graded sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G24			155	
39						160	
40						165	
41	SAND and GRAVEL - fine to very coarse grained sand, gravel is 5-15 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G25			170	
42						175	
43	GRAVEL - some sand, fine to very coarse grained sand, gravel is 5-15 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>				180	
44						185	



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Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	NOTES & COMMENTS	Monitoring well	Depth (ft)
44	GRAVEL and SAND - well graded sand, gravel is 5-15 mm, subrounded to angular, dry		G26			145
45						
46	GRAVEL - some sand, well graded sand, gravel is 5-15 mm, subrounded to angular, dry		G27			150
47	SAND - some to trace gravel, well graded sand, gravel is 5 mm, subangular to angular, dry		G28			155
48	GRAVEL - sandy, well graded sand, gravel is 5-15 mm, subangular to angular, dry		G29			
49	SAND - some gravel, well graded sand, gravel is 5-10 mm, subangular to angular, dry					160
50	GRAVEL - trace sand, well graded sand, gravel is 5-10 mm, subangular to angular, dry					
51	- some sand					165
52	SAND and GRAVEL - well graded sand, gravel is 5-15 mm. subangular to angular, dry					
53	SAND - trace gravel, poorly graded, medium to coarse grained sand, gravel is 5 mm, moist, medium brown		G30			170
54	SAND and GRAVEL - well graded sand, gravel is 5-10 mm, subangular to angular, dry		G31			
55	SAND - some gravel, well graded, gravel is 5-10 mm, subangular to angular, dry		G32			175
56			G33			
57			G34			180
58			G35			
59			G36			185
60	GRAVEL - some sand, medium to very coarse grained sand, gravel is 5-10 mm, subrounded to angular		G37			
61	GRAVEL and SAND - poorly graded, medium to coarse grained sand, gravel is 5-10 mm, subrounded to angular, saturated					190
62						
63			G38			195
64						
65						200
66						205
						210
						215
						217
61	END OF BOREHOLE @ 60.7 m					200
62	NOTE: These logs reflect disturbed material recovered from drill return. Particle sizes and shapes (particularly gravel) are affected by drilling process. Cobbles and boulders if present are not indicated through this drilling method. Moisture content is effected by the use of air to recover drill material.					205
63						210
64						215
65						217



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