


2010 Monitoring Well Program	CLIENT: YG - Department of Community Services	PROJECT NO. - BOREHOLE NO.
Carmacks Sewage Lagoon	DRILL: Geotech MST-Odex	CA-MW03
Carmacks, YT	6890570N; 431890E; Zone 8	
SAMPLE TYPE	<input type="checkbox"/> DISTURBED <input type="checkbox"/> NO RECOVERY <input 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 - uniformly graded, very fine to fine grained sand, damp, yellow brown		G1 & G2			0
1	- fine to medium grained sand, medium brown					5
2	- trace sand, fine to coarse grained sand, gravel is 5-25 mm		G3			10
3	GRAVEL - some sand, well graded, very fine to coarse grained sand, gravel is 5-10 mm, subrounded to angular, dry		G4			15
4	- sandy		G5			20
5	- trace sand, fine to coarse grained sand, gravel is 5-25 mm		G6			25
6	GRAVEL and SAND - well graded sand, gravel is 5-20 mm, rounded to angular, dry		G7			30
7	SAND - some gravel, well graded sand, gravel is 5-10 mm, subrounded to angular, moist		G8			35
8	- gravel is 5 mm		G9			40
9	SAND and GRAVEL - well graded sand, gravel is 5-20 mm, subrounded to angular, dry		G10			45
10	GRAVEL - some sand, well graded sand, gravel is 5-20 mm, subrounded to angular, dry		G11			50
11	GRAVEL and SAND - well graded sand, gravel is 5 mm, subrounded to angular, dry		G12			55
12	GRAVEL - sandy, well graded sand, gravel is 5-20 mm, subrounded to angular, damp		G13			60
13	- dry		G14			65
14	- some sand					70
15						75
16						80
17						85
18			G15			90
19	SAND and GRAVEL - well graded sand, gravel is 5-10 mm, subrounded to angular, dry		G16			95
20	GRAVEL - sandy, well graded sand, gravel is 5-15 mm, subrounded to angular, dry		G17			100

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	DRAWING NO:	Page 1 of 3

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BACKFILL TYPE		<input checked="" type="checkbox"/> BENTONITE	<input checked="" type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	
				<input type="checkbox"/> SHELBY TUBE	<input checked="" type="checkbox"/> CORE	
				<input type="checkbox"/> DRILL CUTTINGS	<input checked="" type="checkbox"/> SAND	
Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	NOTES & COMMENTS	Monitoring well	Depth (ft)
20						
21	- some sand	<input checked="" type="checkbox"/>	G18			70
22	GRAVEL and SAND - well graded sand, gravel is 5-20 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>				
23	SAND - some gravel, well graded sand, gravel is 5-10 mm, damp	<input checked="" type="checkbox"/>	G19			75
24	SAND and GRAVEL - well graded sand, gravel is 5-20 mm, dry	<input checked="" type="checkbox"/>	G20			80
25						
26	GRAVEL - sandy, well graded sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G21			85
27	GRAVEL and SAND - well graded sand, gravel is 5-20 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G22			90
28	- gravel is 5 mm	<input checked="" type="checkbox"/>	G23			
29						95
30						100
31		<input checked="" type="checkbox"/>	G24			105
32						
33	GRAVEL - some sand, well graded sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G25			110
34						
35	GRAVEL and SAND - well graded sand, gravel is 5-10 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G26			115
36						120
37	GRAVEL - sandy, well graded sand, gravel is 5-15 mm, subrounded to angular, dry	<input checked="" type="checkbox"/>	G27			125
38						
39	GRAVEL and SAND - well graded sand, gravel is 5-15 mm, subangular to angular, dry	<input checked="" type="checkbox"/>	G28			130
40		<input checked="" type="checkbox"/>				135



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DRAWING NO:	Page 2 of 3

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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)	
40			G29				
41	SAND - some gravel, well graded sand, gravel is 5 mm, subangular to angular, dry		G30			135	
42	GRAVEL - sandy, well graded sand, gravel is 5-10 mm, subrounded to angular		G31			140	
43	SAND - some gravel, well graded sand, gravel is 5-10 mm, subrounded to angular, dry		G32			145	
44	GRAVEL - sandy, well graded sand, gravel is 5-10 mm, subrounded to angular, dry						
45	SAND - some gravel, well graded sand, gravel is 5-20 mm, subrounded to angular, moist, medium brown		G33			150	
46	- trace gravel, fine to coarse grained sand, gravel is 5-10 mm						
47	GRAVEL and SAND - well graded sand, gravel is 5-10 mm, subrounded to angular, dry		G34			155	
48	SAND - some gravel, well graded sand, gravel is 5-20 mm, subrounded to angular, moist, medium brown						
49	GRAVEL - sandy, well graded sand, gravel is 5-20 mm, subrounded to angular, dry						
50	SAND - trace gravel, well sorted, fine to coarse grained sand, gravel is 5-10 mm, subrounded, wet, dark brown		G35			160	
51	GRAVEL and SAND - well graded sand, gravel is 5-10 mm, damp to dry						
52	GRAVEL - some sand to sandy, medium to coarse grained sand, gravel is 5-20 mm, rounded to angular, saturated		G36			165	
53	SAND - some gravel, poorly graded, medium to coarse grained sand, gravel is 5-20 mm, subrounded to angular, saturated, dark brown		G37			170	
54	SAND and GRAVEL - poorly graded, medium to coarse grained sand, gravel is 5-20 mm, subrounded to angular, saturated						
55	END OF BOREHOLE @ 52.6 m					175	
56	<i>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.</i>					180	
57						185	
58						190	
59						195	
60						197	



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DRAWING NO:	Page 3 of 3