

2010 Monitoring Well Program		CLIENT: YG - Department of Community Services		PROJECT NO. - BOREHOLE NO.			
Mount Lorne Landfill		DRILL: Geotech MST-Odex		W23101317-ML-MW01			
Whitehorse, YT		6704724N; 507653E; Zone 8					
SAMPLE TYPE		<input checked="" 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 - trace gravel, some to trace silt, uniformly graded, very fine to medium grained sand, gravel is 20 mm, subrounded, damp, very loose, orange brown	<input checked="" type="checkbox"/>	G1	- cement seal from 0 to 0.3 m		0	
1	- no gravel, light brown	<input checked="" type="checkbox"/>	G2			5	
2	- some silt	<input checked="" type="checkbox"/>				10	
3	- sand is very fine to fine grained	<input checked="" type="checkbox"/>				15	
4		<input checked="" type="checkbox"/>	G3			20	
5	- moist	<input checked="" type="checkbox"/>				25	
6		<input checked="" type="checkbox"/>				30	
7		<input checked="" type="checkbox"/>				35	
8	- sand is very fine to medium grained	<input checked="" type="checkbox"/>				40	
9		<input checked="" type="checkbox"/>	G4			45	
10	SAND - trace silt, trace gravel, well graded sand, gravel is 5-10 mm	<input checked="" type="checkbox"/>	G5		50		
11	SAND AND SILT - very fine to medium grained sand, moist, light brown	<input checked="" type="checkbox"/>	G6		55		
12	SAND - some gravel, well graded sand, gravel is 5-15 mm, moist, medium brown	<input checked="" type="checkbox"/>	G7		60		
13	- no gravel, some silt, uniformly graded, very fine to fine grained sand, light brown	<input checked="" type="checkbox"/>			65		
14	SAND and SILT - trace gravel, poorly graded, very fine to fine grained sand, gravel is 5-10 mm, subrounded, moist, medium brown	<input checked="" type="checkbox"/>	G8		70		
15	SAND - some silt, some gravel, very fine to coarse grained sand, gravel is 5-15 mm, subrounded, moist, medium brown	<input checked="" type="checkbox"/>			75		
16	SAND and GRAVEL - trace silt, very fine to coarse grained sand, gravel is 5-15 mm, subrounded, moist, medium brown	<input checked="" type="checkbox"/>	G9		80		
17	GRAVEL - some sand, well graded sand, gravel is 5-20 mm, subrounded to angular, damp, medium brown	<input checked="" type="checkbox"/>	G10		85		
18		<input checked="" type="checkbox"/>			90		



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BACKFILL TYPE		<input checked="" type="checkbox"/> BENTONITE	<input checked="" type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input checked="" type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input checked="" type="checkbox"/> SAND
Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	NOTES & COMMENTS	Monitoring well	Depth (ft)	
18	SAND - some gravel, fine to coarse grained sand, gravel is 5-10 mm, subrounded, moist-wet, medium brown - very fine to coarse grained sand, light brown	<input checked="" type="checkbox"/>	G11			60	
19		G12		65			
20		<input type="checkbox"/>				65	
21	SAND and GRAVEL - well graded sand, gravel is 5-20 mm, wet, medium brown	<input checked="" type="checkbox"/>	G13			70	
22	SAND - gravelly, well graded sand, gravel is 5-20 mm, wet, medium brown	<input type="checkbox"/>				70	
23	SAND and GRAVEL - well graded, very fine to coarse grained sand, gravel is 5-20 mm, wet, medium brown	<input type="checkbox"/>				75	
24		<input type="checkbox"/>				80	
25	SAND - poorly graded, very fine to medium grained sand, moist, medium brown	<input checked="" type="checkbox"/>	G14			80	
26	- some gravel, poorly graded, very fine to coarse grained sand, gravel is 5-20 mm, subrounded to angular, moist to wet	<input type="checkbox"/>	G15			85	
27	SAND and GRAVEL - well graded, very fine to very coarse grained sand, gravel is 5-20 mm, subrounded to angular, moist	<input checked="" type="checkbox"/>	G16			85	
28	SAND - trace gravel, poorly graded, very fine to coarse grained sand, gravel is 5-20 mm, saturated, dark brown	<input checked="" type="checkbox"/>	G17			90	
29	- saturated	<input checked="" type="checkbox"/>	G18			95	
30		<input type="checkbox"/>				100	
31	END OF BOREHOLE @ 30.4 m (Hole collapsed to 30.2 m)					100	
32	<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 drill material.</i>						
33						110	
34						115	
35						115	
36						115	



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