

PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: ML-BH12-05 (ML-MW12-02)

SHEET 1 OF 5
DATUM: Geodetic

CLIENT: Yukon Government Community Services
 PROJECT: Yukon Landfill Assessment
 LOCATION: Marsh Lake Wastewater Treatment Lagoon
 N: 6698731.45 E: 545175.22

DRILLING DATE: June 4, 2012
 DRILLING CONTRACTOR: Midnight Sun Drilling

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES				WATER CONTENT PERCENT Wp \square WI	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
		DESCRIPTION	STRATA PLOT ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	CORE No.			
0	M5 Dritech Truck Mounted Auger Drill Rig Air Rotary	Ground Surface (GW) sandy GRAVEL, trace silt, dark brown, moist.	745.23 0.00					50 100 150 200		Stickup = 0.61m
1		- from 3.66m - 6.71m depth: wet, slight seepage.								
2										
3										
4										
5										
6									Bentonite Seal	
7		- from 6.71m - 7.31m depth: (SM) silty SAND, some gravel, some peat fragments, black, wet.								
8										
9										
10		(SW) SAND, trace silt, trace gravel, brown, moist.	735.48 9.75							

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 DRILLING CONTRACTOR: Midnight Sun Drilling

SHEET 2 OF 5
 DATUM: Geodetic

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES				PID ppm		WATER CONTENT PERCENT Wp — W — WI	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION			
		DESCRIPTION	STRATA PLOT	NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	5				10	15	20
									ELEV. DEPTH (m)				50	100	150
10	M5 Dritech Truck Mounted Auger Drill Rig Air Rotary	(SW) SAND, trace silt, trace gravel, brown, moist. <i>(continued)</i>													
13		(SW-GW) SAND and GRAVEL, trace silt, brown, moist.													
15													Bentonite Seal		
17		(ML) sandy SILT, trace gravel, light brown, moist.													
20															

DEPTH SCALE
 1 : 50



LOGGED: [REDACTED]
 CHECKED: **DRAFT**

FILE: N:\BUR-GRAPHICS\PROJECTS\2011\436114\36114-609-007\0DRAFTING\GINT\11-4436-0073 (3100 ML) GPJ - Output From BC_BOREHOLE (ENVIRO). Template: BC_REGION_TEMPLATE.BETA.LGDT Library: BC_REGION_LIBRARY.GLB Info: 09/13/12

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PROJECT No.:

RECORD OF BOREHOLE: ML-BH12-05 (ML-MW12-02)

SHEET 3 OF 5
DATUM: Geodetic

CLIENT: Yukon Government Community Services
PROJECT: Yukon Landfill Assessment
LOCATION: Marsh Lake Wastewater Treatment Lagoon
N: 6698731.45 E: 545175.22

DRILLING DATE: June 4, 2012
DRILLING CONTRACTOR: Midnight Sun Drilling

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES				PID ppm				ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION					
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	5	10			15	20			
20	MS Driftech Truck Mounted Auger Drill Rig Air Rotary	(SP) fine SAND, trace silt, trace gravel, brown, moist. <i>(continued)</i>																
21																		
22																		
23																		
24																		
25																		
26																		
27		(SM) fine SAND, some silt, light brown, moist.		718.41 26.82														
28																		
29		(SW-GP) SAND and fine GRAVEL, trace silt, brown, moist.		716.58 28.65														
30																		
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DEPTH SCALE

1 : 50



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CHECKED: **DRAFT**

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SHEET 4 OF 5
DATUM: Geodetic

CLIENT: Yukon Government Community Services
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DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES				PID ppm		WATER CONTENT PERCENT				ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION	
		DESCRIPTION	STRATA PLOT	NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	5	10	15	20	Wp			W
30	M5 Dritech Truck Mounted Auger Drill Rig Air Rotary	(SW-GP) SAND and fine GRAVEL, trace silt, brown, moist. <i>(continued)</i>														Bentonite Seal Bentonite Chip Seal 10/20 Silica Sand 51mm Slotted PVC Pipe
31		(SW-GP) SAND and fine GRAVEL, some silt, brown, moist.		714.14 31.09												
32																
33																
34																
35		(GW) GRAVEL, some sand, trace silt, dark brown, wet.		710.49 34.75												
36		(ML) SILT, some sand, grey-brown, moist.		709.88 35.36												
36		(SM-GM) SAND and GRAVEL, some silt, brown, wet.		709.57 35.66												
37		(ML) SILT, trace sand, trace clay, grey-brown, wet.		708.66 36.58												
39		Bedrock		706.07 39.17												
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DEPTH SCALE
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		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	5	10				15	20		
40	M5 Dritech Truck Mounted Auger Drill Rig Air Rotary	Bedrock (continued)																
41																		
42																		
43																		
44																		
45																		
46																		
47																		
48							697.08											
48.16							48.16											
49		End of Borehole.																
50																		

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DEPTH SCALE
1 : 50



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