




PROJECT No.: **RECORD OF BOREHOLE: ML-BH12-04 (ML-MW12-B)**

SHEET 1 OF 4
DATUM: Geodetic

CLIENT: Yukon Government Community Services
PROJECT: Yukon Landfill Assessment
LOCATION: Marsh Lake Wastewater Treatment Lagoon

DRILLING DATE: May 11, 2012
DRILLING CONTRACTOR: Midnight Sun Drilling

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES					PID		WATER CONTENT PERCENT Wp W Wi	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
0	M5 Dritech Truck Mounted Auger Drill Rig Air Rotary	Ground Surface (GM-SM) SAND and GRAVEL, with cobble, trace silt, dark brown, moist.		0.00										Abandoned Stickup = 0.66m
5.49		(GM-SM) SAND and GRAVEL, some clay, black, wet.												
7.01		(GM-SM) SAND and GRAVEL, trace silt, black, wet.												
10		CONTINUED NEXT PAGE											Bentonite Seal	

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PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: ML-BH12-04 (ML-MW12-B)

SHEET 2 OF 4
 DATUM: Geodetic

CLIENT: Yukon Government Community Services
 PROJECT: Yukon Landfill Assessment
 LOCATION: Marsh Lake Wastewater Treatment Lagoon

DRILLING DATE: May 11, 2012
 DRILLING CONTRACTOR: Midnight Sun Drilling

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	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %				5	10	15	20							
10	Air Rotary M5 Dritech Truck Mounted Auger Drill Rig	(SM) fine SAND, trace silt, dark brown, moist.	[Strata Plot]	10.06																			
11																							
12																							
13			(SM) gravelly SAND, trace to some silt, dark brown, moist. - at 12.8m depth: 150mm silt seam.	[Strata Plot]	12.19																		
14																							
15		(SM) SAND, some silt, trace gravel, dark brown, moist, slight cohesion.	[Strata Plot]	15.24																			
16																							
17		(ML) sandy SILT, dark brown, moist.	[Strata Plot]	16.76																			
18																							
19		(SM) SAND, some silt, trace gravel, dark brown, moist, slight cohesion.	[Strata Plot]	18.59																			
20																							
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DEPTH SCALE
 1 : 50



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

PROJECT No.: ██████████

RECORD OF BOREHOLE: ML-BH12-04 (ML-MW12-B)

SHEET 3 OF 4
DATUM: Geodetic

CLIENT: Yukon Government Community Services
PROJECT: Yukon Landfill Assessment
LOCATION: Marsh Lake Wastewater Treatment Lagoon

DRILLING DATE: May 11, 2012
DRILLING CONTRACTOR: Midnight Sun Drilling

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	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m					CORE No.	CORE RECOVERY %
20	MS Driftech Truck Mounted Auger Drill Rig Air Rotary	(SM) SAND, some silt, trace gravel, dark brown, moist, slight cohesion. <i>(continued)</i>											
21													
22													
23													
24													
25											Bentonite Seal		
26													
27													
28		(SM) SAND, some gravel, trace silt, dark brown, moist, slight cohesion.		28.04									
29													
30		(SM) SAND, fine to coarse, trace silt, trace gravel, brown, moist.		29.57									
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DEPTH SCALE

1 : 50



LOGGED: ████████

CHECKED: **DRAFT**

PROJECT No.: [REDACTED] **RECORD OF BOREHOLE: ML-BH12-04 (ML-MW12-B)**

CLIENT: Yukon Government Community Services
 PROJECT: Yukon Landfill Assessment
 LOCATION: Marsh Lake Wastewater Treatment Lagoon

DRILLING DATE: May 11, 2012
 DRILLING CONTRACTOR: Midnight Sun Drilling

SHEET 4 OF 4
 DATUM: Geodetic

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES				WATER CONTENT PERCENT				ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION			
		DESCRIPTION	STRATA PLOT	NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	Wp		Wi					
									ELEV. DEPTH (m)	5	10			15	20	10
30	M5 Dritech Truck Mounted Auger Drill Rig Air Rotary	(SM) SAND, fine to coarse, trace silt, trace gravel, brown, moist. (continued)	[Strata Plot]												Bentonite Seal Bentonite Chip Seal 10/20 Silica Sand 51mm Slotted PVC Pipe	
		(SM-GM) SAND and GRAVEL, brown, moist.		30.48												
31		(GM-SM) GRAVEL and SAND, dark brown, moist.		31.09												
		(GM-SM) GRAVEL and SAND, dark brown, wet.		32.92												
34		Boulders.		34.75												
		(SM) SAND, fine to coarse, trace silt, trace gravel, brown, moist.		35.36												
		(ML) SILT, trace clay, trace sand, grey-brown, wet.		35.66												
36																
37		End of Borehole.		36.58												
38																
39																
40																

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DEPTH SCALE

1 : 50



LOGGED: [REDACTED]

CHECKED: **DRAFT**