PROJECT No.: [redacted]

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

SHEET 1 OF 4
DATUM: Geodetic

CLIENT: Yukon Government Community Services
PROJECT: Yukon Landfill Assessment
LOCATION: Marsh Lake Wastewater Treatment Lagoon
N: 6698724.74 E: 545164.3

DRILLING DATE: May 8, 2012
DRILLING CONTRACTOR: Midnight Sun Drilling

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	PID ppm (5 10 15 20)	PID ppm (50 100 150 200)	WATER CONTENT PERCENT (Wp W Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
		Ground Surface		745.36										Abandoned
0	M5 Drillech Truck Mounted Auger Drill Rig, Air Rotary	(SM-GM) SAND and GRAVEL, some silt, well graded, subrounded gravel, dark brown, moist.		0.00										
1														
2														
3		- from 3.05m - 6.10m depth: grading to trace silt.												
4														
5														Bentonite Seal
6				739.26										
		(SW) fine to medium SAND, trace silt, trace gravel, brown, moist.		6.10										
7														
8														
9														
10		*CONTINUED NEXT PAGE*												

DEPTH SCALE
1 : 50

Golder Associates

LOGGED: [redacted]
CHECKED: DRAFT

File:N:\BUR-GRAPHICS\PROJECTS\2011\1436\11-1436-0073\DRAFTING\GINT\11-1436-0073 (3100 ML).GPJ Output Form:BC_BOREHOLE (ENVIRO) Template:BC REGION TEMPLATE BETA 1.GDT Library:BC REGION LIBRARY.GLB bdrozdiak 09/13/12

PROJECT No.: [redacted]

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

SHEET 2 OF 4
DATUM: Geodetic

CLIENT: Yukon Government Community Services
PROJECT: Yukon Landfill Assessment
LOCATION: Marsh Lake Wastewater Treatment Lagoon
N: 6698724.74 E: 545164.3

DRILLING DATE: May 8, 2012
DRILLING CONTRACTOR: Midnight Sun Drilling

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	PID ppm (5 10 15 20)	PID ppm (50 100 150 200)	WATER CONTENT PERCENT (Wp W Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
10	M5 Drillech Truck Mounted Auger Drill Rig Air Rotary	(SW) fine to medium SAND, trace silt, trace gravel, brown, moist. *(continued)*												
11														
12														
13														
14														
15		- from 15.24m - 27.43m depth: fine SAND.												Bentonite Seal
16														
17														
18														
19														
20		*CONTINUED NEXT PAGE*												

DEPTH SCALE
1 : 50

Golder Associates

LOGGED: [redacted]
CHECKED: DRAFT

File:N:\BUR-GRAPHICS\PROJECTS\2011\1436\11-1436-0073\DRAFTING\GINT\11-1436-0073 (3100 ML).GPJ Output Form:BC_BOREHOLE (ENVIRO) Template:BC REGION TEMPLATE BETA 1.GDT Library:BC REGION LIBRARY.GLB bdrozdiak 09/13/12

PROJECT No.: [redacted]

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

SHEET 3 OF 4
DATUM: Geodetic

CLIENT: Yukon Government Community Services
PROJECT: Yukon Landfill Assessment
LOCATION: Marsh Lake Wastewater Treatment Lagoon
N: 6698724.74 E: 545164.3

DRILLING DATE: May 8, 2012
DRILLING CONTRACTOR: Midnight Sun Drilling

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	PID ppm (5 10 15 20)	PID ppm (50 100 150 200)	WATER CONTENT PERCENT (Wp W Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
20	M5 Drillech Truck Mounted Auger Drill Rig Air Rotary	(SW) fine to medium SAND, trace silt, trace gravel, brown, moist. *(continued)*												
21														
22														
23														
24														
25														Bentonite Seal
26														
27				717.92										
		(SM) SAND, well graded, some silt, dark brown, moist.		27.43										
28		- from 28.35m - 28.95m depth: trace medium gravel.		716.71										
		(SM-GM) SAND and GRAVEL, well graded, dark brown, moist.		28.65										
29														
30		*CONTINUED NEXT PAGE*												

DEPTH SCALE
1 : 50

Golder Associates

LOGGED: [redacted]
CHECKED: DRAFT

File:N:\BUR-GRAPHICS\PROJECTS\2011\1436\11-1436-0073\DRAFTING\GINT\11-1436-0073 (3100 ML).GPJ Output Form:BC_BOREHOLE (ENVIRO) Template:BC REGION TEMPLATE BETA 1.GDT Library:BC REGION LIBRARY.GLB bdrozdiak 09/13/12

PROJECT No.: [redacted]

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

SHEET 4 OF 4
DATUM: Geodetic

CLIENT: Yukon Government Community Services
PROJECT: Yukon Landfill Assessment
LOCATION: Marsh Lake Wastewater Treatment Lagoon
N: 6698724.74 E: 545164.3

DRILLING DATE: May 8, 2012
DRILLING CONTRACTOR: Midnight Sun Drilling

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	TYPE	BLOWS/0.3m	CORE No.	CORE RECOVERY %	PID ppm (5 10 15 20)	PID ppm (50 100 150 200)	WATER CONTENT PERCENT (Wp W Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
30		(SM-GM) SAND and GRAVEL, well graded, dark brown, moist. *(continued)*												Bentonite Seal
31														
32														
33														
34	M5 Drltech Truck Mounted Auger Drill Rig Air Rotary													10/20 Silica Sand
35														
36		- at 35.66m depth: wet.												51mm Slotted PVC Pipe
37														
38		- from 37.18m - 39.62m depth: some silt.												
39				705.73										Plug
40		End of Borehole. (Possible Weathered Bedrock)		39.62										

DEPTH SCALE
1 : 50

Golder Associates

LOGGED: [redacted]
CHECKED: DRAFT

File:N:\BUR-GRAPHICS\PROJECTS\2011\1436\11-1436-0073\3DRAFTING\GINT\11-1436-0073 (3100 ML).GPJ Output Form:BC_BOREHOLE (ENVIRO) Template:BC REGION TEMPLATE BETA 1.GDT Library:BC REGION LIBRARY.GLB bdrozdiak 09/13/12