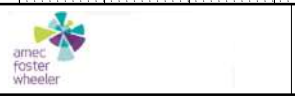


CLIENT: Northern Enviro Services	NORTHING: 6658116.359, EASTING: 513515.06	BOREHOLE NO: MW17-08
DRILLER: Midnight Sun Drilling		PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Odex/Reverse Circulation		ELEVATION: 672.303 m
SAMPLE TYPE	<input checked="" type="checkbox"/> TUBE <input type="checkbox"/> NO RECOVERY <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB	<input type="checkbox"/> MUD RETURN <input type="checkbox"/> CORE RETURN
BACKFILL TYPE	<input checked="" type="checkbox"/> BENTONITE <input type="checkbox"/> CEMENT SEAL <input type="checkbox"/> SLOUGH <input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS <input type="checkbox"/> SAND

DEPTH (m)	SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	RECOVERY (%)	ADDITIONAL INFORMATION	WELL INSTALLATION	ELEVATION (m)
0		SAND and GRAVEL (GW), coarse grained, well graded, rounded, compact, brown, dry				Top of Pipe Elevation at 672.958m.		672
1		Increase in sand content from 2.7 m to 3.7 m				Depth to Groundwater from Top of Pipe at 37.6m on 11/21/2017. Capped Height: 0.655m		671
2								670
3						0.0 - 3.0 m Environmental Sample		669
4		SAND (SM), silty, fine grained, compact, brown, dry			3.66m			668
5						3.0 - 6.1 m Environmental Sample		667
6					6.1m			666
7		SAND (SP), gravelly, fine grained, poorly graded, loose, brown, dry			7.01m			665
8		SAND (SM), silty, sub-angular gravel, poorly graded, dense, brown, dry				6.1 - 9.1 m Environmental Sample		664
9		Hard to drill						663
10								662
11					10.67m			661
12		SAND (SW), trace silt, fine to medium grained, well graded, loose, brown				9.1 - 12.2 m Environmental Sample		660
13		Moist from 12.8 m to 13.4 m						659
14					13.41m			658
15		SAND and GRAVEL (GW), medium to coarse grained, well graded, sub-angular, loose, brown, moist				12.2 - 15.2 m Environmental Sample		657
16					15.24m			656
17		GRAVEL (GP), sandy, coarse grained, poorly graded, sub-angular, compact, brown, moist			15.85m			655
18		GRAVEL (GM), silty, coarse sand, poorly graded, rounded, very dense, brown, moist (TILL?)				15.2 - 18.3 m Environmental Sample		654
19		Hard. Advancement 15 min/10 ft						653
20								

ENVIRONMENTAL\_NES\_LTF\_BH\_LOGS.GPJ\_AMEC-PG-MUL-TIWELL-DATA TEMPLATE.GDT\_2/20/18



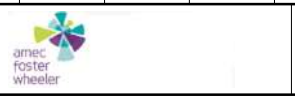
LOGGED BY: [REDACTED]
ENTERED BY: [REDACTED]
REVIEWED BY: [REDACTED]

COMPLETION DEPTH: 43.7 m
COMPLETION DATE: 11/21/17

CLIENT: Northern Enviro Services	NORTHING: 6658116.359, EASTING: 513515.06	BOREHOLE NO: MW17-08
DRILLER: Midnight Sun Drilling		PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Odex/Reverse Circulation		ELEVATION: 672.303 m
SAMPLE TYPE <input checked="" type="checkbox"/> TUBE <input type="checkbox"/> NO RECOVERY <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB <input type="checkbox"/> MUD RETURN <input type="checkbox"/> CORE RETURN		
BACKFILL TYPE <input checked="" type="checkbox"/> BENTONITE <input type="checkbox"/> CEMENT SEAL <input type="checkbox"/> SLOUGH <input type="checkbox"/> GROUT <input type="checkbox"/> DRILL CUTTINGS <input type="checkbox"/> SAND		

DEPTH (m)	SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	RECOVERY (%)	ADDITIONAL INFORMATION	WELL INSTALLATION	ELEVATION (m)
20		GRAVEL (GM), silty, coarse sand, poorly graded, rounded, very dense, brown, moist (TILL?)				18.3 - 21.3 m Environmental Sample		652
21		Hard. Advancement 15 min/10 ft (continued)						651
22		22.25m						650
23		SAND (SP), gravelly (rounded), medium grained, poorly graded, loose, brown, moist						649
24		24.69m						648
25		GRAVEL (GP), sandy, coarse grained, poorly graded, sub-angular, compact, brown, dry						647
26		Increase in medium sand from 27.4 m						646
27								645
28		28.65m						644
29		SAND (SW), gravelly (sub-angular), fine to medium grained, well graded, loose, brown, dry				27.4 - 30.5 m Environmental Sample		643
30								642
31								641
32								640
33								639
34								638
35		34.75m						637
36		SAND (SP), medium grained, trace gravel, poorly graded, loose, brown, wet				33.5 - 36.6 m Environmental Sample		636
37		Water after lift test in hole at 41.2 m						635
38								634
39								633
40								633

ENVIRONMENTAL NES LTF BH LOGS.GPJ AMEC-PG-MULTIWELL-DATATEMPLATE.GDT 2/20/18



[REDACTED]

LOGGED BY: [REDACTED]  
 ENTERED BY: [REDACTED]  
 REVIEWED BY: [REDACTED]

COMPLETION DEPTH: 43.7 m  
 COMPLETION DATE: 11/21/17  
 Page 2 of 3

CLIENT: Northern Enviro Services	NORTHING: 6658116.359, EASTING: 513515.06	BOREHOLE NO: MW17-08				
DRILLER: Midnight Sun Drilling		PROJECT NO: [REDACTED]				
DRILL TYPE/METHOD: Odex/Reverse Circulation		ELEVATION: 672.303 m				
SAMPLE TYPE	<input checked="" type="checkbox"/> TUBE	<input type="checkbox"/> NO RECOVERY	<input type="checkbox"/> SPLIT SPOON	<input type="checkbox"/> GRAB	<input type="checkbox"/> MUD RETURN	<input type="checkbox"/> CORE RETURN
BACKFILL TYPE	<input checked="" type="checkbox"/> BENTONITE	<input type="checkbox"/> CEMENT SEAL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND

DEPTH (m)	SOIL SYMBOL					SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	RECOVERY (%)	ADDITIONAL INFORMATION	WELL INSTALLATION	ELEVATION (m)
	1	10	100	1000	10000							
40						SAND (SP), medium grained, trace gravel, poorly graded, loose, brown, wet				39.6 - 42.7 m Environmental Sample		632
41						Water after lift test in hole at 41.2 m (continued)						631
42						42.06m						630
43						SAND and GRAVEL (GW), medium grained, poorly graded, rounded, loose, brown, wet						629
44						Water after lift test in hole at 43.7 m						628
45						Hole is producing 10 L/min at 43.7 m						627
46						End of Borehole at 43.7 m						626
47												625
48												624
49												623
50												622
51												621
52												620
53												619
54												618
55												617
56												616
57												615
58												614
59												613
60												

ENVIRONMENTAL\_NES\_LTF\_BH\_LOGS.GPJ\_AMEC-PG-MULTIWELL-DATATEMPLATE.GDT\_2/20/18



LOGGED BY: [REDACTED]	COMPLETION DEPTH: 43.7 m
ENTERED BY: [REDACTED]	COMPLETION DATE: 11/21/17
REVIEWED BY: [REDACTED]	Page 3 of 3