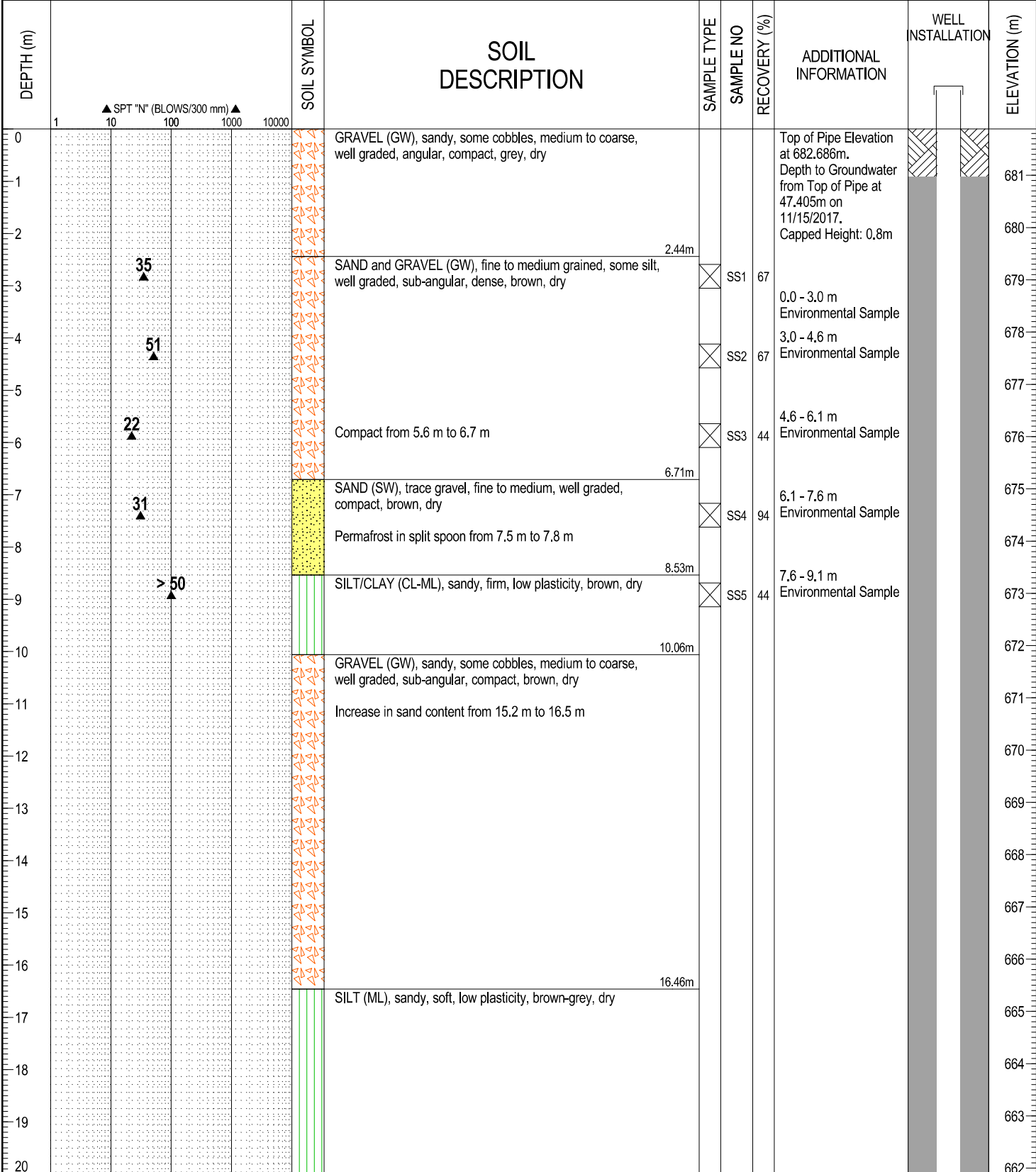


CLIENT: Northern Enviro Services	NORTHING: 6658423.687, EASTING: 513783.776	BOREHOLE NO: MW17-05
DRILLER: Midnight Sun Drilling		PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Odex/Reverse Circulation		ELEVATION: 681.886 m
SAMPLE TYPE	<input checked="" type="checkbox"/> TUBE	<input type="checkbox"/> NO RECOVERY
	<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



ENVIRONMENTAL_NES_LTF_BH_LOGS.GPJ_AMEC-PG-MUL-TIWELL-DATATEMPLATE.GDT_2/20/18



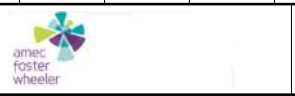
LOGGED BY: [REDACTED]
 ENTERED BY: [REDACTED]
 REVIEWED BY: [REDACTED]

COMPLETION DEPTH: 70.1 m
 COMPLETION DATE: 11/15/17

CLIENT: Northern Enviro Services	NORTHING: 6658423.687, EASTING: 513783.776	BOREHOLE NO: MW17-05				
DRILLER: Midnight Sun Drilling		PROJECT NO: [REDACTED]				
DRILL TYPE/METHOD: Odex/Reverse Circulation		ELEVATION: 681.886 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)	SPT "N" (BLOWS/300 mm)	SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	RECOVERY (%)	ADDITIONAL INFORMATION	WELL INSTALLATION	ELEVATION (m)
20			SILT (ML), sandy, soft, low plasticity, brown-grey, dry <i>(continued)</i>						661
21									660
22									659
23									658
24									657
25									656
26									655
27									654
28									653
29									652
30									651
31									650
31.09m									650
32			SAND (SW), fine to medium grained, well graded, loose, brown-grey, dry						649
32.0m									648
33			SILT (ML), clayey, soft, low plasticity, grey to dark brown, dry Used water from 35.1 m to 38.1 m						647
34									646
35									645
36									644
37									643
38									642
38.1m									642
39			CLAY (CL), trace gravel, soft, low plasticity, dark grey to black, wet siltstone fragments (black pieces that break into planes)						
40									

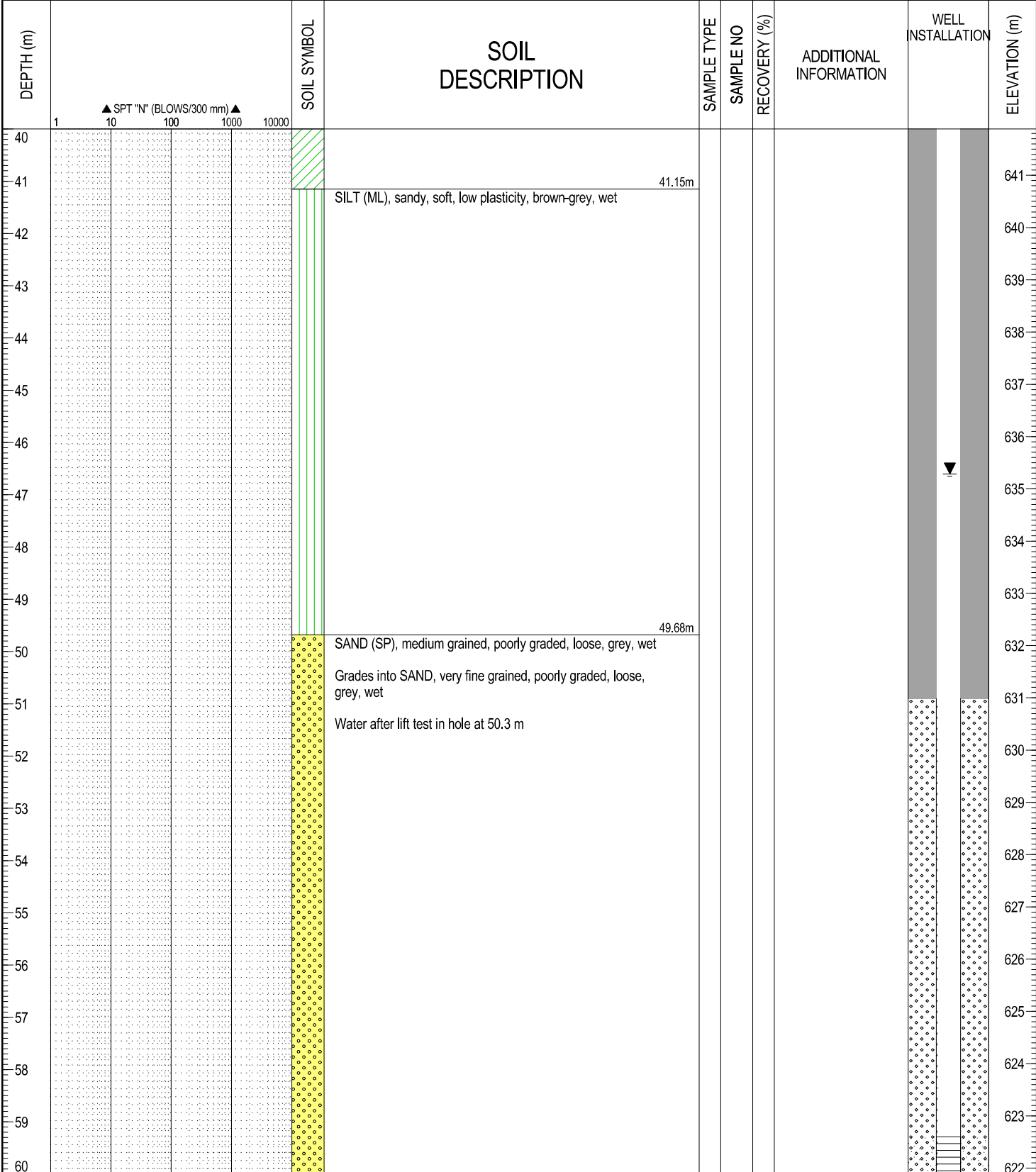
ENVIRONMENTAL_NES_LTF_BH_LOGS.GPJ_AMEC-PG-MULTIWELL-DATATEMPLATE.GDT_2/20/18



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

COMPLETION DEPTH: 70.1 m
COMPLETION DATE: 11/15/17
Page 2 of 4

CLIENT: Northern Enviro Services	NORTHING: 6658423.687, EASTING: 513783.776	BOREHOLE NO: MW17-05				
DRILLER: Midnight Sun Drilling		PROJECT NO: [REDACTED]				
DRILL TYPE/METHOD: Odex/Reverse Circulation		ELEVATION: 681.886 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



ENVIRONMENTAL_NES_LTF_BH_LOGS.GPJ_AMEC-PG-MULTIWELL-DATATEMPLATE.GDT_2/20/18



LOGGED BY: [REDACTED]	COMPLETION DEPTH: 70.1 m
ENTERED BY: [REDACTED]	COMPLETION DATE: 11/15/17
REVIEWED BY: [REDACTED]	Page 3 of 4

CLIENT: Northern Enviro Services	NORTHING: 6658423.687, EASTING: 513783.776	BOREHOLE NO: MW17-05
DRILLER: Midnight Sun Drilling		PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Odex/Reverse Circulation		ELEVATION: 681.886 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)	SPT "N" (BLOWS/300 mm)	SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	RECOVERY (%)	ADDITIONAL INFORMATION	WELL INSTALLATION	ELEVATION (m)
60			SAND (SP), medium grained, poorly graded, loose, grey, wet						
61			Grades into SAND, very fine grained, poorly graded, loose, grey, wet						621
62			Water after lift test in hole at 50.3 m (continued)						620
63									619
64									618
65									617
66							Heaving Sand		616
67									615
68			GRAVEL (GW), sandy, fine to medium grained, sub-angular, loose, grey, wet						614
69									613
70			End of Borehole at 70.1 m						612
71									611
72									610
73									609
74									608
75									607
76									606
77									605
78									604
79									603
80									602

ENVIRONMENTAL_NES_LTF_BH_LOGS.GPJ_AMEC-PG-MULTIWELL-DATATEMPLATE.GDT_2/20/18



LOGGED BY: [REDACTED]	COMPLETION DEPTH: 70.1 m
ENTERED BY: [REDACTED]	COMPLETION DATE: 11/15/17
REVIEWED BY: [REDACTED]	Page 4 of 4