



STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 MATERIALS & RESEARCH SECTION  
 SUBSURFACE INFORMATION

BORING LOG

PITTSFORD  
 NH 019-3(491)  
 US-7

Boring No.: B-202  
 Page No.: 1 of 1  
 Pin No.: 85B008  
 Checked By: MLM

Boring Crew: NIETO, DAIGNEAULT, HOOK  
 Date Started: 10/09/14 Date Finished: 10/13/14  
 VTSPG NAD83: N 132203.54 m E 460096.64 m  
 Station: 5+822 Offset: 33.20  
 Ground Elevation: 191.00 m

Casing WB Sampler SS  
 I.D.: 10.16 cm 3.81 cm  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 55 TRACK C<sub>s</sub> = 1.46

Groundwater Observations		
Date	Depth (m)	Notes
10/13/14	5.60	AM

Depth (m)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/15cm (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2		A-1-b, Sa, brn, Moist, Rec. = 0.33 m, Lab Note: Sample was rusty-orange in color.	1-1-2-3 (3)	5.2	16.2	68.0	15.8
		A-1-b, GrSa, brn, Moist, Rec. = 0.21 m, Lab Note: Sample was rusty-orange in color.	4-4-3-4 (7)	2.5	30.5	58.5	11.0
		A-1-b, GrSa, brn, Moist, Rec. = 0.32 m	3-2-4-4 (6)	1.8	42.9	46.8	10.3
2		A-2-4, Sa, brn, Moist, Rec. = 0.15 m	8-9-7-9 (16)	22.6	2.4	80.5	17.1
		A-3, Sa, brn, Moist, Rec. = 0.18 m	10-7-3-2 (10)	13.9	7.9	83.2	8.9
4		A-2-4, Sa, brn, Moist, Rec. = 0.12 m, Lab Note: One piece of Broken Rock was within sample.	9-4-4-4 (8)	17.6	10.8	75.7	13.5
		A-1-b, Sa, brn, Moist, Rec. = 0.02 m	19-19-24-25 (43)	27.6	3.6	95.3	1.1
6		A-2-4, SiSa, brn, Moist, Rec. = 0.24 m	9-8-7-7 (15)	14.3	2.2	73.9	23.9
		A-2-4, SiSa, brn, Moist, Rec. = 0.30 m	6-5-7-7 (12)	17.3	0.7	78.1	21.2
		A-2-4, SiSa, brn, Moist, Rec. = 0.35 m	5-6-7-8 (13)	14.6	0.1	77.2	22.7
		A-2-4, SiSa, brn, Moist, Rec. = 0.30 m	8-7-7-8 (14)	12.6	0.1	75.8	24.1
		A-2-4, SiSa, brn, Moist, Rec. = 0.33 m	8-7-8-7 (15)	15.1	0.7	73.3	26.0
8		A-2-4, SiSa, brn, Moist, Rec. = 0.33 m	2-5-7-6 (12)	15.0	0.1	76.4	23.5
10		A-2-4, Sa, brn, Moist, Rec. = 0.28 m	8-7-9-8 (16)	16.5		84.7	15.3
12		A-2-4, Sa, brn, Moist, Rec. = 0.39 m	5-5-7-8 (12)	19.2		84.1	15.9
14		A-2-4, Sa, brn, Moist, Rec. = 0.39 m	5-6-7-8 (13)	16.3		85.6	14.4
14		A-2-4, Sa, brn, Moist, Rec. = 0.36 m, Lab Note: Broken Rock was within sample.	6-6-7-14 (13)	9.7	3.7	80.3	16.0
16		A-4, SaSi, brn-gry, MTW, Rec. = 0.60 m	6-4-5-4 (9)	18.1	13.7	30.7	55.6
18		A-1-b, SiSaGr, brn, MTW, Rec. = 0.28 m, Lab Note: Broken Rock was within sample.	48-29-6-5 (35)	11.7	46.0	33.5	20.5
		Hole stopped @ 17.20 m					

Remarks:  
 Hole collapsed at 3.54m.

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
 2. N Values have not been corrected for hammer energy. C is the hammer energy correction factor.  
 3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 PITTSFORD NH 019-3(491).GPJ VERMONT AOT.GDT 12/18/14