



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

BORING LOG

SWANTON
 NH 036-1(9)
 VT-78 ROADWAY

Boring No.: B-103

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Pin No.: 96B032

Checked By: CEE

Boring Crew: DAIGNEAULT, GARROW, NIETO

Date Started: 3/18/14 Date Finished: 3/18/14

VTSPG NAD83: N 901120.82 ft E 1460800.92 ft

Station: 1143+50 Offset: 21.00

Ground Elevation: 103.3 ft

Type: H.S.A. SS
 I.D.: 3.25 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 45C TRACK C_c = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
03/18/14	5.2	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-2-4, GrSiSa, Lt/brn, MTW, Rec. = 1.4 ft, Sample tested: Trace of Organics (7.7%)	5-7-5-5 (12)	33.7	31.0	37.9	31.1
		Visual Description: Broken Rock with silty sand, Lt/brn, Moist, Rec. = 0.6 ft, Insufficient sample for testing.	3-5-9-13 (14)	9.7			
		A-2-4, SiSaGr, gry-Lt/brn, Moist, Rec. = 1.6 ft, Lab Note: Broke Rock was within sample.	6-27-10-9 (37)	11.1	41.6	31.4	27.0
		A-1-b, SiSaGr, gry-brn, MTW, Rec. = 1.5 ft, Auger could not penetrate further. To ledge or boulder.	5-14-14-13 (28)	11.5	43.1	33.8	23.1
10	Hole stopped @ 8.0 ft CNPF-TLOB						
15	Remarks: 1. Hole collapsed at 5.3 ft.						
20							
25							

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_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 SWANTON NH 036-1(9), GPJ VERMONT AOT.GDT 8/4/14