



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

BORING LOG

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

Boring No.: **B-109**

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Pin No.: 96B032

Checked By: CEE

Boring Crew: GARROW, NIETO  
 Date Started: 3/10/14 Date Finished: 3/10/14  
 VTSPG NAD83: N 900350.01 ft E 1465228.17 ft  
 Station: 1190+49 Offset: -35.00  
 Ground Elevation: 98.9 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<sub>r</sub> = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
03/10/14	9.8	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.3 ft, Lab Note: Sticks & roots were within sample.	8-17-26-38 (43)	23.4	21.0	55.8	23.2
		A-4, SaSi, gry-brn, MTW, Rec. = 1.2 ft, Lab Note: Sample was rusty colored.	10-6-2-3 (8)	29.1	12.3	23.7	64.0
5		A-4, SaSi, gry-brn, MTW, Rec. = 1.4 ft, Lab Note: Sample was rusty-orange colored.	1-2-2-2 (4)	28.3	0.8	21.9	77.3
		A-4, SaSi, gry-brn, MTW, Rec. = 1.4 ft	1-2-1-2 (3)	29.2	1.6	35.7	62.7
		A-4, SaSi, gry, MTW, Rec. = 1.9 ft	1-1-1-1 (2)	35.7		35.1	64.9
10		A-4, SaSi, gry, MTW, Rec. = 2.0 ft	WH-1-1-1 (2)	39.4	0.2	31.9	67.9
15		A-2-4, SiSa, gry, Wet, Rec. = 0.5 ft	WH-WH-1-1 (1)	26.9	1.7	75.3	23.0
		A-4, Si, gry, Wet, Rec. = 0.7 ft, Lab Note: a very small section of clay was noticeable.		42.7	0.4	9.7	89.9
		Field Note: Attempted Shelby Tube sample, No Recovery.					
20		A-4, SiSa, gry, Wet, Rec. = 1.8 ft	1-2-5-6 (7)	29.9	0.4	62.4	37.2
		Hole stopped @ 22.0 ft					
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 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).GPFJ VERMONT AOT.GDT 8/4/14