



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

BORING LOG

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

Boring No.: B-121

Page No.: 1 of 1

Pin No.: 96B032

Checked By: CEE

Boring Crew: GARROW, HOOK

Date Started: 3/28/14 Date Finished: 3/28/14

VTSPG NAD83: N 897537.63 ft E 1467038.45 ft

Station: 1224+00 Offset: 26.00

Ground Elevation: 97.3 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<sub>c</sub> = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
03/28/14	2.5	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note:, No Recovery	2-WH-WH-WH (WH)				
		A-8, Organic silt with sand, brn, MTW, Rec. = 0.8 ft, Sample tested: Little Organics (14.3%), (A-8 because of moisture content of 120%)	1-2-2-1 (4)	120.3	3.4	22.3	74.3
		A-4, SaSi, gry, Moist, Rec. = 1.0 ft		28.5		38.2	61.8
5		A-4, SaSi, gry, MTW, Rec. = 1.4 ft, Sample tested: Trace of Organics (2.2%)	1-1-1-2 (2)	35.2		29.8	70.2
		A-4, SaSi, gry, MTW, Rec. = 1.7 ft, Sample tested: Trace of Organics (3.0%)	WH-WH-WH (WH)	42.3	0.5	29.4	70.1
		A-4, SaSi, gry, MTW, Rec. = 1.6 ft, Sample tested: Trace of Organics (2.1%)	WH-1-1-2 (2)	35.3		27.9	72.1
10		A-1-a, SaGr, gry, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample. Augers could not penetrate past 11.6 ft.	10-30-27-R@1.0" (57)	10.5	55.2	30.2	14.6
		Hole stopped @ 11.6 ft CNPf-TLOB					
15		Remarks: 1. Hole collapsed at 2.5 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 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