



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

BORING LOG

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

Boring No.: B-123

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Pin No.: 96B032

Checked By: CEE

Boring Crew: GARROW, HOOK

Date Started: 3/27/14 Date Finished: 3/27/14

VTSPG NAD83: N 897737.97 ft E 1466777.57 ft

Station: 1220+77 Offset: 36.00

Ground Elevation: 96.6 ft

Type: H.S.A. SS & TUBE
 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_r = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
03/27/14	5.8	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5		A-1-b, SiGrSa, brn, Moist, Rec. = 0.5 ft	1-5-3-10 (8)	31.3	25.3	52.0	22.7		
		Visual Description:, GrSiSa, brn, Wet, Rec. = 0.2 ft, Insufficient sample for testing.	5-6-2-2 (8)	28.9					
		A-4, SaSi, brn, MTW, Rec. = 1.6 ft	WH-1-1-1 (2)	30.4	0.1	45.6	54.3		
		A-4, SaSi, brn, MTW, Rec. = 0.6 ft, Sample tested: Trace of Organics (2.9%)	WH-1-1-1 (2)	33.9	0.1	44.2	55.7		
		A-4, SaSi, brn, MTW, Rec. = 0.5 ft	WH-WH-2 (WH)	41.0	0.2	20.1	79.7		
		A-4, ClSi, brn, MTW, Rec. = 0.7 ft, Sample tested: Trace of Organics (3.2%)	WH-WH-2 (WH)	37.4	1.8	33.4	64.8	32	9
10		Field Note:, SaSi Shelby Tube, brn, Moist, Rec. = 1.5 ft							
		A-2-4, GrSiSa, gry, Moist, Rec. = 1.5 ft	4-13-14-18 (27)	12.3	24.8	47.6	27.6		
15		Field Note:, Augers could not penetrate past 14.5 ft.							
		Hole stopped @ 14.5 ft CNPFF-TLOB							
20		Remarks: 1. Hole collapsed at 6.2 ft. 2. Two feet of ice above the hole.							
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