



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

BORING LOG

NEW HAVEN
 HES 032-1(8)
 VT-17 TH-18, TH-19, TH-22

Boring No.: B-104
 Page No.: 1 of 1
 Pin No.: 04B210
 Checked By: MLM

Boring Crew: GARROW, DAIGNEAULT
 Date Started: 12/19/12 Date Finished: 12/19/12
 VTSPG NAD83: N 593480.15 ft E 1477049.55 ft
 Station: 115+36 Offset: 20.00
 Ground Elevation: 410.33 ft

Casing Sampler
 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 SKID CE = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-1-b, GrSa, brn, Moist, Rec. = 1.6 ft	2-3-4-3 (7)	17.4	30.3	49.8	19.9		
2.5		A-6, SiCl, brn, Moist, Rec. = 1.8 ft	2-2-3-4 (5)	32.5	1.8	22.1	76.1	33	14
5.0		A-4, GrSaSi, brn, Moist, Rec. = 1.5 ft	3-4-5-4 (9)	19.2	25.4	30.3	44.3	22	5
7.5		A-2-4, SiGrSa (NP), brn, Moist, Rec. = 1.5 ft	10-9-8-10 (17)	12.1	34.0	36.4	29.6		
10.0		A-2-4, SiSa, Dark Orange, Moist, Rec. = 1.6 ft, Lab Note: Color of sample changed by Lab Tech.	8-6-6-R (12)	17.7	17.5	51.1	31.4		
10.0		A-4, SiSa (NP), Dark Orange, Moist, Rec. = 0.5 ft, Lab Note: Color of sample changed by Lab Tech. Broken Rock was within sample.	(R)	13.8	19.2	42.5	38.3		
		Hole stopped @ 10.5 ft CNPf - TLOB							

Notes:

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

BORING LOG 2 NEW HAVEN HES 032-1(8).GPJ VERMONT AOT.GDT 2/14/13