



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-102
 Page No.: 1 of 1
 Pin No.: 04B210
 Checked By: MLM

Boring Crew: GARROW, JUDKINS, DAIGNEAULT
 Date Started: 12/14/12 Date Finished: 1/30/13
 VTSPG NAD83: N 593192.44 ft E 1476761.09 ft
 Station: 200+49 Offset: 0.00
 Ground Elevation: 408.05 ft

Casing Sampler
 Type: H.S.A. & WB 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
12/15/12		No water to depth.
01/30/13	3.7	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %	
5		A-6, SiCl, brn-gry, Moist, Rec. = 0.9 ft	WH-3-4-5 (7)	29.2	0.9	13.6	85.5	36	11	
		A-7-6, Cl, brn-gry, Moist, Rec. = 1.2 ft	3-4-6-8 (10)	31.5		2.1	97.9	47	20	
		Shelby Tube, brn-gry, Moist, Rec. = 1.8 ft, 4.0 ft - 6.0 ft								
		A-4, GrSaSi, brn-gry, Wet, Rec. = 1.9 ft, Broken Rock was within sample.	WH-14-30-38 (44)	15.0	23.0			19	4	
10										
15		Note: Continued boring for more information on 01/29/13 using wash bore drilling with the CME55 Track Rig.								
20		A-2-4, SiGrSa, gry, Moist, Rec. = 0.6 ft, Lots of Broken Rock was within sample.	14-26-42-R (68)	8.8	33.6	36.9	29.5			
		A-4, SaGrSi, gry, Moist, Rec. = 0.4 ft, Broken Rock was within sample.	(R)	8.7	31.0	25.5	43.5			
		A-4, SaGrSi, gry, Moist, Rec. = 0.7 ft, Broken Rock was within sample.	14-R	8.1	28.2	25.8	46.0			
25		Field Note: NXMDC, No Recovery								
30		Hole stopped @ 28.9 ft TLOB, To Ledge or Boulder								
35										

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