



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

BORING LOG

COLCHESTER
 HES NH 5600(14)
 US2 & US7

Boring No.: B-104
 Page No.: 1 of 1
 Pin No.: 12D046
 Checked By: TDE

Boring Crew: PORTER, GARROW, SALISBURY
 Date Started: 7/20/12 Date Finished: 7/23/12
 VTSPG NAD83: N 731168.78 ft E 1462581.18 ft
 Station: 5+19 Offset: 50.00
 Ground Elevation: 324.79 ft

Type: H.S.A. Sampler 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 CE = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
07/23/12	17.0	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5		A-2-4, GrSiSa, brn, MTW, Rec. = 1.0 ft	1-2-3-4 (5)	13.5	21.0	46.8	32.2		
		A-1-b, SiGrSa, brn, MTW, Rec. = 1.6 ft	2-4-5-6 (9)	8.0	27.4	52.4	20.2		
		A-1-b, GrSa, brn, MTW, Rec. = 1.4 ft	3-5-5-3 (10)	9.0	24.4	59.1	16.5		
10		A-4, SaSi, brn, MTW, Rec. = 2.0 ft	2-5-5-6 (10)	22.3	5.0	23.9	71.1		
		A-4, Cisi, brn, MTW, Rec. = 2.0 ft	2-3-3-2 (6)	29.9	0.1	4.8	95.1	33	7
		Visual Description: Si, brn, MTW, Rec. = 2.0 ft, Similar material as 14-16 ft.	4-3-3-3 (6)	31.9					
15		A-4, Si, gry, MTW, Rec. = 2.0 ft	1-1-1-1 (2)	31.5		0.9	99.1	30	6
20		A-7-6, Cl, gry, MTW, Sample from middle of tube.		43.8	10.3	7.4	82.3	56	33
25		Visual Description: Si with stones, gry, MTW, Rec. = 0.2 ft, Similar material as 14-16 ft.	3-R@2.5"	16.4					

Hole stopped @ 24.7 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 COLCHESTER HES NH 5600(14).GPJ VERMONT AOT.GDT 9/11/12