



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

BORING LOG

**COLCHESTER**  
**HES 028-1(28)**  
**US-2 ROADWAY**

Boring No.: **B-102**

Page No.: **1 of 1**

Pin No.: **13B028**

Checked By: **LAR**

Boring Crew: JUDKINS, GARROW  
 Date Started: 6/19/13 Date Finished: 6/19/13  
 VTSPG NAD83: N 765942.03 ft E 1457886.96 ft  
 Station: 19+00 Offset: 35.00  
 Ground Elevation: 186.96 ft

Casing WB Sampler SS  
 I.D.: 4 in 1.5 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
06/19/13	15.0	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Visual Description:, Topsoil with sand, brn, Moist, Rec. = 1.2 ft	1-2-4-6 (6)	13.1			
		A-2-4, Sa, brn, Moist, Rec. = 1.9 ft	5-8-9-10 (17)	8.0	3.7	83.2	13.1
5		A-3, Sa, brn, Moist, Rec. = 1.1 ft	6-6-6-6 (12)	13.3	8.6	83.7	7.7
		A-3, Sa, brn, MTW, Rec. = 1.0 ft	3-3-4-3 (7)	19.5	2.0	94.0	4.0
10		Field Note:, No Recovery	WH-7-7-9 (14)				
		A-3, Sa, brn, MTW, Rec. = 1.2 ft	5-7-6-7 (13)	21.4		92.3	7.7
15		A-4, SaSi, gry, Wet, Rec. = 1.0 ft	1-1-1-1 (2)	30.7		38.1	61.9
20		A-4, SiSa, gry, Wet, Rec. = 1.4 ft	4-5-4-5 (9)	24.6		64.4	35.6
25		A-3, Sa, gry, Wet, Rec. = 1.0 ft	11-7-10-WH (17)	22.6		92.6	7.4
30		A-3, Sa, gry, MTW, Rec. = 1.2 ft	4-3-4-8 (7)	28.3	0.2	91.4	8.4
35		A-4, SiSa, gry, MTW, Rec. = 1.5 ft	5-6-8-10 (14)	25.8		61.2	38.8
40		A-2-4, SiSa, gry, MTW, Rec. = 1.7 ft	4-5-5-8 (10)	26.1		77.4	22.6
45		Hole stopped @ 42.0 ft					
		Remarks: Hole collapsed at 27.6 ft.					

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 COLCHESTER HES 028-1(28).GPJ VERMONT AOT.GDT 7/8/13