



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

BORING LOG

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

Boring No.: **B-104**

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Pin No.: 13B028

Checked By: LAR

Boring Crew: GARROW, JUDKINS
 Date Started: 6/06/13 Date Finished: 6/10/13
 VTSPG NAD83: N 765777.69 ft E 1458198.33 ft
 Station: 22+47 Offset: -25.00
 Ground Elevation: 189.94 ft

Type: WB 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_c = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
06/10/13	9.6	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Visual Description: Topsoil wit Silty Sand, Dk/brn, Moist, Rec. = 0.5 ft	1-5-9-8 (14)	15.6			
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft		5.5	35.6	53.6	10.8
		A-2-4, Sa, brn, Moist, Rec. = 1.8 ft	5-9-8-8 (17)	8.0	3.6	79.9	16.5
5		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	5-6-4-5 (10)	14.8	1.8	76.5	21.7
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	5-5-4-4 (9)	17.2	13.7	53.9	32.4
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	2-4-3-4 (7)	21.7		73.3	26.7
10		A-4, Si, brn, Moist, Rec. = 1.2 ft	3-4-4-5 (8)	28.9		7.3	92.7
15		A-4, Si, brn, MTW, Rec. = 0.7 ft	1-3-2-2 (5)	28.1	0.4	7.0	92.6
20		A-4, SaSi, brn, Wet, Rec. = 1.2 ft	1-3-1-2 (4)	26.4		21.1	78.9
25		A-4, Si, brn, MTW, Rec. = 0.7 ft	WR-3-2-1 (5)	26.3	0.3	9.6	90.1
30		A-4, Si, brn, Wet, Rec. = 1.0 ft	1-2-2-1 (4)	27.9	0.7	19.9	79.4
35		A-4, Si, brn-gry, Wet, Rec. = 1.5 ft, Lab Note: A very thin layer of clay was noticeable.	1-2-1-2 (3)	26.8		2.9	97.1
40		A-4, Si, gry, Wet, Rec. = 1.3 ft	3-2-1-2 (3)	26.3		13.0	87.0
45		Hole stopped @ 42.0 ft					
		Remarks: Hole collapsed at 12.9 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_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