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

BORING LOG

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

Boring No.: **B-103**
Page No.: 1 of 1
Pin No.: 13B028
Checked By: LAR

Boring Crew: JUDKINS, HALL
Date Started: 6/12/13 Date Finished: 6/12/13
VTSPG NAD83: N 765866.72 ft E 1458081.71 ft
Station: 21+00 Offset: -25.00
Ground Elevation: 188.57 ft

	Casing	Sampler
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_e = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
06/12/13	12.0	While drilling.
06/13/13		No water present.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, Sa, brn, Moist, Rec. = 1.1 ft	1-1-1-3 (2)	14.4	9.6	76.6	13.8
		A-3, Sa, brn, Moist, Rec. = 1.7 ft	3-6-7-8 (13)	9.3	2.1	91.0	6.9
5		A-3, Sa, brn, Moist, Rec. = 1.1 ft	3-5-4-5 (9)	14.7	9.9	84.4	5.7
		A-3, Sa, brn, MTW, Rec. = 1.0 ft	2-3-3-4 (6)	23.0	2.0	94.3	3.7
		A-3, Sa, brn, Moist, Rec. = 1.1 ft	1-4-6-8 (10)	19.8	3.8	91.2	5.0
10		A-3, Sa, brn, Moist, Rec. = 1.3 ft, Lost water return at 10.0 ft.	2-3-4-5 (7)	23.5	0.1	97.0	2.9
15		A-2-4, Sa, brn, Moist, Rec. = 0.9 ft	3-2-3-2 (5)	25.3		84.1	15.9
20		A-4, SiSa, brn, Moist, Rec. = 1.1 ft	1-2-2-1 (4)	26.8		60.5	39.5
25		A-2-4, SiSa, brn, Moist, Rec. = 0.8 ft	1-2-3-3 (5)	25.7		69.5	30.5
30		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	3-4-4-4 (8)	25.8		68.0	32.0
35		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	3-3-4-2 (7)	25.2		67.5	32.5
40		A-4, Si, brn, Moist, Rec. = 1.7 ft	2-1-2-3 (3)	27.9	0.5	19.2	80.3
		Hole stopped @ 42.0 ft					
45		Remarks: Hole collapsed at 16.6 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_e 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.