



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

BORING LOG

COLCHESTER
HES NH 5600(14)
US2 & US7

Boring No.: B-134

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Pin No.: 12D046

Checked By: TDE

Boring Crew: PORTER, WHITLOCK
Date Started: 7/05/12 Date Finished: 7/06/12
VTSPG NAD83: N 732299.80 ft E 1462921.85 ft
Station: 17+00 Offset: 50.00
Ground Elevation: 348.4 ft

Casing: 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
		No water table to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-6, SaSiCl, brn, Moist, Rec. = 1.4 ft				2-2-4-5 (6)	19.9	3.6	25.3	71.1	40	17
		A-7-6, Cl, brn, Moist, Rec. = 1.2 ft				3-4-7-8 (11)	27.8	0.9	5.2	93.9	46	22
5		A-7-5, Cl, brn, Moist, Rec. = 1.8 ft, Material from Triaxial "A" sample.					31.1		1.8	98.2	54	23
		A-7-6, Cl, brn, Moist, Rec. = 1.8 ft				4-7-14-11 (21)	25.4	7.0	16.2	76.8	46	22
		A-6, SaSiCl, brn, Moist, Rec. = 0.3 ft				10-R@0.0"	25.0	17.4	23.8	58.8	28	12
10		8.5 ft - 13.5 ft, Light gray, Dolomite, Moderately hard, Mostly unweathered, Fair rock, BXMDC, Closely spaced jointing. Some slight weathering (yellow discoloration at 10.5') RMR = 48	1 (10)	100 (50)	10 5 10 5 5			Top of Bedrock @ 8.5 ft				
15		Hole stopped @ 13.5 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. 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