



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

BORING LOG

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

Boring No.: **B-110**

Page No.: 1 of 1

Pin No.: 13B028

Checked By: LAR

Boring Crew: GARROW, JUDKINS, HALL

Date Started: 5/31/13 Date Finished: 6/03/13

VTSPG NAD83: N 765383.98 ft E 1458719.51 ft

Station: 29+00 Offset: -30.00

Ground Elevation: 205.09 ft

Type: WB
 I.D.: 4 in
 Hammer Wt: N.A.
 Hammer Fall: N.A.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 55 TRACK C = 1.46

Casing Sampler

WB SS

4 in 1.5 in

N.A. 140 lb.

N.A. 30 in.

Auto/AWJ

CME 55 TRACK C = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
05/31/13	8.8	While drilling.
06/03/13	9.2	AM

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 %
0.0 - 0.5		Visual Description: Topsoil, brn, Moist, Rec. = 0.5 ft								
0.5 - 1.0		A-3, Sa, brn, Moist, Rec. = 0.4 ft				WH-2-2-20 (4)	20.4	9.6	82.1	8.3
1.0 - 1.4		A-1-a, SaGr, pink-brn, Moist, Rec. = 0.4 ft, Broken Rock was within sample.					4.6	55.3	29.2	15.5
1.4 - 2.5		A-1-a, SaGr, pink, Moist, Rec. = 1.4 ft, Lots of Broken Rock was within sample.				14-14-14-35 (28)	4.3	73.0	20.5	6.5
2.5 - 5.0		A-1-a, SaGr, white, Moist, Rec. = 1.0 ft, Broken Rock was within sample.				26-34-18-2 (52)	7.9	63.4	26.6	10.0
5.0 - 6.5		A-1-a, Gr, white-pink, Moist, Rec. = 0.4 ft, Mostly Broken Rock				R@5.0"	7.9	75.5	19.9	4.6
6.5 - 11.5		6.5 ft - 11.5 ft, Pink-mottled, Dolomite, Moderately hard, Unweathered, Good rock, BXGDC, RMR = 61	1 (0)	86 (76)	2					
11.5 - 16.5		11.5 ft - 16.5 ft, Pink-mottled, And light gray Dolomite, Moderately hard, Unweathered, Fair rock, BXMDC, RMR = 47	2 (0)	52 (0)	5					
16.5 - 17.5		Hole stopped @ 16.5 ft								
17.5		Remarks: Hole collapsed at 11.0 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