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

# BORING LOG

COLCHESTER
HES NH 5600(14)
US2 & US7

Boring No.: B-209
Page No.: 1 of 1
Pin No.: 12D046
Checked By: CAA

Boring Crew: GARROW, JUDKINS
Date Started: 11/09/12 Date Finished: 11/09/12
VTSPG NAD83: N 731800.07 ft E 1462662.47 ft
Station: 11+46.78 Offset: -59.88
Ground Elevation: 342.8 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 | CE = 1.46 |

Groundwater Observations

| Date | Depth (ft) | Notes |
|---|---|---|
| 11/09/12 | | No water 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-1-b, SiGrSa, brn, Moist, Rec. = 1.2 ft | | | | WH-2-3-4 (5) | 12.0 | 30.4 | 48.3 | 21.3 | | |
| 2.5 | | A-6, SaGrCl, brn, Moist, Rec. = 0.9 ft | | | | 4-5-8-8 (13) | 16.3 | 26.2 | 21.0 | 52.8 | 35 | 14 |
| | | A-6, SaSiCl, rust-brn, Moist, Rec. = 1.2 ft | | | | 5-9-9-R (18) | 19.2 | 15.9 | 26.7 | 57.4 | 29 | 11 |
| 5.0 | | Field Note:, NXDC | | | | | | | | | | |
| | | Visual Description:, SaSiCl with Broken Rock, rust, Moist, Rec. = 0.2 ft, Insufficient sample for testing. | | | | R | 18.7 | | | | | |
| 7.5 | | Field Note:, NXDC, Possible top of bedrock, Not Competent | | | | | | | | | | |
| | | 7.7 ft - 12.7 ft, Light gray, Dolomite, with close to moderately closely spaced jointing. Karst horizons along some bedding surfaces. Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 53 | 1 (10) | 98 (68) | 3 | | Top of Bedrock @ 7.7 ft | | | | | |
| | | | | | 3 | | | | | | | |
| 10.0 | | | | | 3 | | | | | | | |
| | | | | | 3 | | | | | | | |
| | | | | | 3 | | | | | | | |
| 12.5 | | Hole stopped @ 12.7 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 1/29/13