



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

BORING LOG

NEW HAVEN  
 HES 032-1(8)  
 VT-17 TH-18, TH-19, TH-22

Boring No.: B-101  
 Page No.: 1 of 1  
 Pin No.: 04B210  
 Checked By: MLM

Boring Crew: GARROW, JUDKINS, DAIGNEAULT  
 Date Started: 12/13/12 Date Finished: 12/13/12  
 VTSPG NAD83: N 593078.65 ft E 1476829.73 ft  
 Station: 201+82 Offset: -0.10  
 Ground Elevation: 416.21 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 SKID CE = 1.33

Groundwater Observations

| Date | Depth (ft) | Notes              |
|------|------------|--------------------|
|      |            | No water to depth. |
|      |            |                    |
|      |            |                    |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description)                                  | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % |
|------------|------------|--|--------------------|--------------------|----------|--------|---------|
|            |            | Asphalt Pavement, 0.0 ft - 0.32 ft   |                    |                    |          |        |         |
| 2.5        |            | A-1-b, SaGr, brn, Moist, Rec. = 1.4 ft                                     | 12-11-13-9 (24)    | 4.8                | 48.1     | 36.6   | 15.3    |
|            |            | A-4, GrSaSi, brn, Moist, Rec. = 1.3 ft                                     | 5-4-4-5 (8)        | 12.1               | 23.7     | 29.8   | 46.5    |
| 5.0        |            | A-4, GrSaSi (NP), brn, Moist, Rec. = 1.8 ft                                | 4-5-10-R (15)      | 11.0               | 21.4     | 39.0   | 39.6    |
|            |            | A-4, SaGrSi, brn-gry, Moist, Rec. = 0.2 ft, Broken Rock was within sample. | (R)                | 7.0                | 31.9     | 31.0   | 37.1    |
| 7.5        |            | Hole stopped @ 7.2 ft<br>CNPF, Possible Top of Bedrock                     |                    |                    |          |        |         |

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 NEW HAVEN HES 032-1(8).GPJ VERMONT AOT.GDT 2/14/13