



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

BORING LOG

WATERBURY  
 FEGC F013-4(13)  
 US-2 ROADWAY

Boring No.: **B-110**

Page No.: 1 of 1

Pin No.: 85B006

Checked By: CEE

Boring Crew: GARROW, HALL, STAAB  
 Date Started: 8/22/13 Date Finished: 8/22/13  
 VTSPG NAD83: N 667561.67 ft E 1575059.91 ft  
 Station: 79+86.9 Offset: -12.70  
 Ground Elevation: 426.55 ft

Type: H.S.A. SS  
 I.D.: 4.25 in 3 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 45C SKID C<sub>r</sub> = 1.34

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 - 0.56 ft  |                    |                    |          |        |         |
| 2.5        |            | Visual Description: Mostly Broken Concrete with Gravel & Sand, gry-brn, Moist, Rec. = 0.5 ft  | 42-38-32-24        | 8.5                | 53.9     | 35.4   | 10.7    |
|            |            | A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft  |                    | 8.5                | 17.6     | 55.0   | 27.4    |
|            |            | A-4, Si, brn, Moist, Rec. = 0.5 ft  | 3-5-4-6            | 26.6               |          | 15.7   | 84.3    |
|            |            | A-4, SiSa, brn, Moist, Rec. = 1.5 ft  |                    | 15.4               |          | 56.4   | 43.6    |
| 5.0        |            | A-4, SaSi, brn, Moist, Rec. = 0.1 ft  | 1-3-3-4            | 21.5               | 0.2      | 21.1   | 78.7    |
|            |            | A-4, SiSa, brn, Moist, Rec. = 1.9 ft  |                    | 15.4               |          | 56.7   | 43.3    |
| 7.5        |            | A-4, SaSi, brn, Moist, Rec. = 2.0 ft  | 2-3-3-3            | 20.5               |          | 47.4   | 52.6    |
| 10.0       |            | A-2-4, Sa, brn, Moist, Rec. = 2.0 ft  | 2-2-2-2            | 12.7               | 0.5      | 84.6   | 14.9    |
|            |            | A-2-4, GrSa, brn, Moist, Rec. = 0.5 ft  | R@6.0"             | 11.2               | 32.9     | 55.0   | 12.1    |
| 12.5       |            | Hole stopped @ 11.5 ft CNPF   |                    |                    |          |        |         |
| 15.0       |            | Remarks:<br>1. Driller's used a 3.0 inch split spoon sampler.<br>2. Hole collapsed at 6.8 ft. |                    |                    |          |        |         |
| 17.5       |            |   |                    |                    |          |        |         |

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 WATERBURY FEGC F013-4(13).GPJ VERMONT AOT.GDT 10/24/13