



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 CONSTRUCTION AND
 MATERIALS BUREAU
 CENTRAL LABORATORY

BORING LOG

Weybridge-New Haven
BF 032-1(19)
VT 17 Br. #8

Boring No.: B-113
 Page No.: 1 of 1
 Pin No.: 12b552
 Checked By: AJT

Boring Crew: Judkins, Emerson
 Date Started: 11/28/16 Date Finished: 11/30/16
 VTSPG NAD83: N 579097.12 ft E 1444498.90 ft
 Station: 107+40.40 Offset: 3.76
 Ground Elevation: 157.4 ft

Type: WB Casing SS Sampler
 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 = 1.41

| Groundwater Observations | | |
|--------------------------|------------|----------------------|
| Date | Depth (ft) | Notes |
| 11/30/16 | 4.0 | W.T. during drilling |
| | | |
| | | |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description) | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % | LL % | PI % |
|-------------|------------|---|--------------------|--------------------|----------|--------|---------|------|------|
| 0.0 - 0.85 | | Asphalt Pavement, brn, Moist, 0.0 ft - 0.85 ft | | | | | | | |
| 0.85 - 1.4 | | A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft | 9-19-14 (38) | 6.1 | 47.5 | 35.7 | 16.8 | | |
| 1.4 - 2.0 | | A-2-4, SiGrSa, brn, Moist, Rec. = 1.4 ft | 9-6-5-5 (11) | 9.9 | 34.0 | 40.7 | 25.3 | | |
| 2.0 - 2.5 | | A-2-4, GrSiSa, brn, Moist, Rec. = 0.5 ft | 7-6-5-6 (11) | 9.5 | 25.2 | 43.3 | 31.5 | | |
| 2.5 - 2.8 | | A-4, SiSa, brn, Moist, Rec. = 0.3 ft | 5-4-6-10 (10) | 11.5 | 18.7 | 42.6 | 38.7 | | |
| 2.8 - 3.8 | | A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft | 7-5-8-6 (13) | 11.7 | 19.9 | 45.4 | 34.7 | | |
| 3.8 - 4.2 | | Field Note:, No Recovery | 10-10-10-8 (20) | | | | | | |
| 4.2 - 4.7 | | Field Note:, No Recovery | 7-2-2-1 (4) | | | | | | |
| 4.7 - 5.4 | | A-4, Si, gry, Moist, Rec. = 0.7 ft, Lab Note: Some clay was within sample. Sample tested non-plastic | 7-5-4-5 (9) | 32.2 | 0.7 | 8.7 | 90.6 | | |
| 5.4 - 6.0 | | Visual Description:, Si, gry, Moist, Field Note: Pushed 3x30 inch Shelby Tube | | | | | | | |
| 6.0 - 6.7 | | A-6, SiCl, gry, Moist, Field Note: Pushed 3x30 inch Shelby Tube | | 27.5 | | 6.7 | 93.3 | 40 | 18 |
| 6.7 - 27.0 | | | | | | | | | |
| 27.0 - 30.0 | | A-4, Si, gry, Moist, Rec. = 2.0 ft, Lab Note: A small amount of clay was within sample. Sample tested non-plastic | WH-WH-WH-WH (WH) | 28.3 | | 16.2 | 83.8 | | |
| 30.0 - 30.9 | | A-4, GrSaSi, gry, Moist, Rec. = 0.9 ft | 1-10-14-19 (24) | 13.3 | 25.2 | 33.0 | 41.8 | | |
| 30.9 - 31.7 | | A-2-4, Sa, gry-blk, Moist, Rec. = 0.8 ft | | 16.0 | 8.3 | 72.5 | 19.2 | | |
| 31.7 - 32.0 | | Hole stopped @ 32.0 ft | | | | | | | |
| 32.0 - 35.0 | | Remarks: Hole collapsed at 5.7 feet. | | | | | | | |

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 2. <<SUB>><<SUB>> 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.