



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

BORING LOG

Addison
 BF 0172(9)
 VT-125 Br. #1

Boring No.: B-103
 Page No.: 1 of 1
 Pin No.: 15b092
 Checked By: MLM

Boring Crew: Garrow, Judkins, Olden
 Date Started: 4/03/17 Date Finished: 4/03/17
 VTSPG NAD83: N 557906.73 ft E 1403948.41 ft
 Station: 65+50 Offset: 7.90
 Ground Elevation: 102.76 ft

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 45C SKID CE = 1.42

| Groundwater Observations | | |
|--------------------------|------------|---------------------|
| Date | Depth (ft) | Notes |
| 04/03/17 | 5.6 | W.T. after 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, 0.0 ft - 0.85 ft | | | | | | | |
| 5 | | A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken rock was within sample | 6-7-6-8 (13) | 7.5 | 58.9 | 33.2 | 7.9 | | |
| | | A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken rock was within sample | 9-8-3-4 (11) | 6.3 | 49.1 | 37.4 | 13.5 | | |
| | | A-4, SaSi, brn, Moist, Rec. = 0.3 ft, Lab Note: Some clay was within sample. Insufficient sample size to test Atterberg limits | 3-1-2-2 (3) | 30.1 | 2.5 | 10.1 | 87.4 | 36 | 15 |
| | | A-6, SiCl, brn, Moist, Rec. = 1.1 ft | 4-1-2-3 (3) | 32.2 | 3.9 | 12.5 | 83.6 | | |
| | | A-6, SiCl, brn, Moist, Rec. = 1.3 ft, Lab Note: Similar Atterberg limits to 5-7' sample | 5-8-4-4 (12) | | | | | | |
| 10 | | Field Note:, NXDC, cleanout, cobbles | | | | | | | |
| | | Field Note:, No recovery | | | | | | | |
| 15 | | Field Note:, NXDC, cleanout, cobbles | | | | | | | |
| | | A-8, GrSa, Dk/brn, Moist, Rec. = 1.6 ft, Lab Note: Decomposing wood and wood fibers were within sample. Sample contained 24.0% organic materials (AASHTO T-267) | WH-1-WH-1 (1) | 164.5 | 26.3 | 55.8 | 17.9 | | |
| 20 | | Field Note:, Rollercone, cleanout | | | | | | | |
| | | A-4, SaSi, Dk/brn, Moist, Rec. = 0.8 ft, Lab Note: Some clay was within sample. Sample tested non-plastic. Sample contained little (12.9%) organic material (AASHTO T-267) | 1-2-1-1 (3) | 83.1 | 12.4 | 34.6 | 53.0 | | |
| 25 | | A-7-5, SiCl, gry, Moist, Rec. = 2.0 ft | 2-2-1-2 (3) | 41.8 | 1.8 | 0.5 | 97.7 | 49 | 14 |
| 30 | | A-7-6, Cl, gry, Moist, Rec. = 2.0 ft, Lab Note: Similar Atterberg limits to 35-37' sample | WH (WH) | 51.0 | | 0.4 | 99.6 | | |
| | | | | | | | | | |
| 35 | | A-7-6, Cl, gry, Moist, Rec. = 2.0 ft | WH (WH) | 48.2 | | 0.4 | 99.6 | 46 | 23 |
| 40 | | A-7-6, Cl, gry, Moist, Rec. = 2.0 ft, Lab Note: Similar Atterberg limits to 35-37' sample | WR-WH (WH) | 70.8 | | 0.4 | 99.6 | | |
| Hole stopped @ 42.0 ft | | | | | | | | | |
| 45 | | Remarks: Hole collapsed at 26.1 feet. | | | | | | | |

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