



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

BORING LOG

BRIDPORT
 STP CULV(29)
 VT-125 BR-2&5

Boring No.: B-103
 Page No.: 1 of 1
 Pin No.: 11C264
 Checked By: LAR

Boring Crew: GARROW, WHITLOCK, JUDKINS
 Date Started: 9/26/12 Date Finished: 9/26/12
 VTSPG NAD83: N 543946.30 ft E 1434962.90 ft
 Station: 22+69 Offset: -7.00
 Ground Elevation: 244.2 ft

Type: WB
 I.D.: 4 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 |
| | | None taken. |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description) | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % | LL % | PI % |
|------------|------------|-------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------|--------|---------|------|------|
| 0.0 - 0.7 | | Asphalt Pavement, 0.0 ft - 0.7 ft | | | | | | | |
| 5 | | A-4, SaSi, gry, Moist, Rec. = 0.2 ft, Lab Note: Clay was noticeable. Insufficient sample for extra testing. | 2-2-2-3 (4) | 33.8 | 8.5 | 38.3 | 53.2 | | |
| 10 | | A-7-6, Cl, gry, Moist, Rec. = 1.9 ft | WH-WH-2-2 (2) | 47.2 | 1.4 | 1.7 | 96.9 | 68 | 42 |
| | | A-7-6, Cl, gry, Moist, Rec. = 1.3 ft, Shelby Tube sample U1 | | 38.9 | | | | 67 | 42 |
| 15 | | Cl Shelby Tube, gry, Moist, Rec. = 1.9 ft, 14.0 ft - 16.0 ft | | | | | | | |
| | | A-7-6, Cl, gry, Moist, Rec. = 2.0 ft | 2-2-3-2 (5) | 42.4 | | 1.2 | 98.8 | 60 | 36 |
| 20 | | Visual Description:, Cl, gry, Moist, Rec. = 1.9 ft, Material similar to 16-18 ft. | WH-1-2-WH (3) | 47.2 | | | | | |
| | | Visual Description:, Cl, gry, Moist, Rec. = 2.0 ft, Material similar to 16-18 ft. | (WH) | 45.8 | | | | | |
| | | A-7-6, Cl, gry, Moist, Rec. = 2.0 ft | (WH) | 57.9 | | 0.8 | 99.2 | 53 | 31 |
| 25 | | Visual Description:, Cl, gry, Moist, Rec. = 2.0 ft, Material similar to 22-24 ft. | (WH) | 51.5 | | | | | |
| | | Visual Description:, Cl, gry, Moist, Rec. = 2.0 ft, Material similar to 28-30 ft. | (WH) | 65.6 | | | | | |
| 30 | | A-7-6, Cl, gry, Moist, Rec. = 2.0 ft | (WH) | 51.7 | | 0.7 | 99.3 | 52 | 30 |
| 35 | | Visual Description:, Cl, gry, Moist, Rec. = 2.0 ft, Material similar to 38-40 ft. | WR-WR-WH-WH (WH) | 47.9 | | | | | |
| 40 | | A-7-6, Cl, gry, Moist, Rec. = 2.0 ft | (WH) | 71.6 | | 0.5 | 99.5 | 54 | 32 |
| 40.0 | | Hole stopped @ 40.0 ft | | | | | | | |
| 45 | | Remarks: Hole collapsed at 26.0 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 BRIDPORT STP CULV(29).GPJ - VERMONT AOT.GDT 1/10/13