



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

BORING LOG

SWANTON
 NH 036-1(9)
 VT-78 ROADWAY

Boring No.: B-106

Page No.: 1 of 1

Pin No.: 96B032

Checked By: CEE

Boring Crew: GARROW, NIETO, JUDKINS
 Date Started: 3/21/14 Date Finished: 3/21/14
 VTSPG NAD83: N 901017.70 ft E 1464225.35 ft
 Station: 1178+56 Offset: 25.00
 Ground Elevation: 100.8 ft

Type: H.S.A. 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 TRACK C_c = 1.34

Groundwater Observations

| Date | Depth (ft) | Notes |
|----------|------------|-----------------|
| 03/21/14 | 6.8 | After drilling. |
| | | |
| | | |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description) | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % |
|-------------------------------------|------------|---|--------------------|--------------------|----------|--------|---------|
| 5 | | A-1-b, SaGr, brn, Moist, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample. | 9-15-31-17 (46) | 15.4 | 50.3 | 33.7 | 16.0 |
| | | A-1-b, SaGr, brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample. | 11-5-4-4 (9) | 10.7 | 49.2 | 33.8 | 17.0 |
| | | Visual Description:, Broken Rock, gry, Moist, Rec. = 0.1 ft | 7-9-10-22 (19) | | | | |
| 10 | | A-1-a, SaGr, Lt/brn-Lt/gry, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample. | 9-21-20-7 (41) | 7.8 | 56.2 | 30.2 | 13.6 |
| | | A-1-b, SiSaGr, brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample. | 6-21-13-7 (34) | 12.9 | 45.9 | 33.8 | 20.3 |
| | | A-1-a, SaGr, brn-white, Dry, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample. | | 2.9 | 54.5 | 36.3 | 9.2 |
| | | A-1-b, SaGr, gry, Wet, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample. | 2-6-8-2 (14) | 50.2 | 47.9 | 34.6 | 17.5 |
| 15 | | A-1-b, SaGr, gry, Wet, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample. Could not penetrate further. | 22-50-R@5.0" (R) | 12.8 | 47.7 | 40.9 | 11.4 |
| Hole stopped @ 15.9 ft CNPF-TLOB | | | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |

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 SWANTON NH 036-1(9),GPJ VERMONT AOT.GDT 8/4/14