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

# BORING LOG

**WESTFIELD-TROY**
**STP 2903(1)**
**VT-242**

Boring No.: **B-102**
Page No.: 1 of 1
Pin No.: 09C362
Checked By: MLM

Boring Crew: JUDKINS, DAIGNEAULT
Date Started: 11/07/13 Date Finished: 11/07/13
VTSPG NAD83: N 889520.89 ft E 1651653.82 ft
Station: 154+37 Offset: -11.00
Ground Elevation: 1073.8 ft

| | Casing | Sampler |
|---|---|---|
| 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 | $C_e$ = 1.33 |

Groundwater Observations

| Date | Depth (ft) | Notes |
|---|---|---|
| 11/07/13 | 3.1 | While drilling. |
| | | |
| | | |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description) | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % |
|---|---|---|---|---|---|---|---|
| | | Asphalt Pavement, 0.0 ft - 0.25 ft | | | | | |
| | | A-1-b, GrSa, brn, MTW, Rec. = 0.5 ft | 15-11-9-8 (20) | 12.6 | 38.2 | 45.0 | 16.8 |
| | | A-1-b, GrSa, brn, MTW, Rec. = 0.6 ft | 3-3-R@1.0" (R) | 16.1 | 33.2 | 47.5 | 19.3 |
| | | Field Note:, NXDC, Cleaned out casing | | | | | |
| 5 | | A-1-b, SaGr with a 2.0 inch core of Wood, brn, MTW, Rec. = 0.6 ft, Broken Rock was within sample. | 10-10-8-4 (18) | 21.1 | 44.5 | 40.9 | 14.6 |
| | | A-1-b, SaGr, Dk/brn, MTW, Rec. = 0.9 ft, Broken Rock was within sample. | 4-6-16-14 (22) | 16.2 | 45.8 | 40.9 | 13.3 |
| | | A-1-a, SaGr, gry-brn, Wet, Rec. = 0.9 ft, Lots of Broken Rock was within sample. | 48-38-R@5.0" (R) | 13.7 | 58.7 | 29.1 | 12.2 |
| 10 | | Field Note:, NXDC, Cleaned out casing | | | | | |
| | | A-4, GrSaSi, gry, MTW, Rec. = 1.0 ft | 21-21-38-R@5.0" (59) | 10.9 | 20.6 | 33.6 | 45.8 |
| | | A-4, GrSaSi, gry, MTW, Rec. = 1.2 ft, Broken Rock was within sample. | 13-22-21-23 (43) | 10.6 | 20.6 | 33.8 | 45.6 |
| 15 | | | | | | | |
| 20 | | A-4, GrSaSi, gry, Moist, Rec. = 1.4 ft, Broken Rock was within sample. | 15-20-25-29 (45) | 11.0 | 20.1 | 34.0 | 45.9 |
| 25 | | A-4, SaGrSi, gry, MTW, Rec. = 0.4 ft, Broken Rock was within sample. | R@5.0" | 9.7 | 33.2 | 29.9 | 36.9 |
| 30 | | Visual Description:, Broken Rock with silt & sand, gry, Moist, Rec. = 0.4 ft | R@5.0" | 9.0 | | | |
| | | Hole stopped @ 30.4 ft | | | | | |
| 35 | | | | | | | |

Remarks:
1. Hole collapsed at 16.8 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. $C_e$ 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 WESTFIELD-TROY STP 2903(1).GPJ VERMONT AOT.GDT 12/10/13