



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

BORING LOG

MARLBORO
 BRF 010-1 (43)

Boring No.: B-103

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Pin No.:

Checked By: LJD

Boring Crew: Geosearch, Inc. Fitchburg, MA, JE
 Date Started: 8/01/12 Date Finished: 8/01/12
 VTSPG NAD83: N 137706.00 ft E 1588885.00 ft
 Station: 4+50 Offset: 11 RT
 Ground Elevation: 1,297.0 ft. (approx)

Type: HW SS
 I.D.: 4 in 1.38 in
 Hammer Wt: 300 140 lb.
 Hammer Fall: 24 30 in.
 Hammer/Rod Type: Auto/N
 Rig: CME 55 CE = 1.3

Groundwater Observations

| Date | Depth (ft) | Notes |
|----------|------------|-------|
| 08/01/12 | 10.5 | |
| | | |
| | | |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description) | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % |
|------------|------------|--|--------------------|--------------------|----------|--------|---------|
| | | Bituminous concrete, 0.0 ft - 0.5 ft | | | | | |
| | | Gravel base, 0.5 ft - 1.0 ft | | | | | |
| | X X X | A-1-b, SaGrSi, gray, Rec. = 1.5 ft, (Fill) | 10-17-9-11 (26) | 3.7 | 41.0 | 45.2 | 13.8 |
| 5 | X X X | A-1-b, SaGrSi, gry-brn, Rec. = 1.0 ft, (Fill) | 12-6-8-6 (14) | 11.0 | 44.0 | 44.2 | 11.8 |
| 10 | | A-1-b, GrSaSi, gry-brn, Rec. = 1.2 ft | 4-6-16-18 (22) | 10.0 | 50.6 | 34.9 | 14.5 |
| 15 | | Rec. = 1.3 ft, 15.0 ft - 17.0 ft, Highly weathered bedrock | 17-32-46-74 (78) | | | | |
| 20 | | Hole stopped @ 19.0 ft Auger refusal @ 19.0 ft | | | | | |
| 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. 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.