



BORING LOG

RYEGATE
IM CULV(28)
Ryegate, VT

Boring No.: B-103
Page No.: 1 of 2
Pin No.: 11A262
Checked By: K. Adams

Boring Crew: W. Hoেকেle/M. Misiaszek, K. Owens
Date Started: 2/26/13 Date Finished: 3/05/13
VTSPP NAD83: N 618360.37 ft E 1752491.10 ft
Station: _____ Offset: _____
Ground Elevation: 590.2 ft

Casing Sampler
Type: WB SS
I.D.: 5 in 1.38 in
Hammer Wt: 300 lb. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Manual/NW
Rig: D50 TRACK CE = 1.0

| Groundwater Observations | | |
|--------------------------|------------|------------------|
| Date | Depth (ft) | Notes |
| 02/26/13 | 13.5 | During drilling. |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description) | Run (Dip deg.) | Core Rec. (RQD %) | Drill Rate (min/ft) | Blows/6" (N Value) | Moisture Content % | Growth % | Sand % | Fines % |
|------------|------------|--|----------------|-------------------|---------------------|--------------------|--------------------|----------|--------|---------|
| | | | | | | | | | | |
| 0.0 | x x x | 0.0 ft - 0.3 ft, Asphalt | | | | | | | | |
| 0.3 | x x x | Not Sampled | | | | | | | | |
| 5.0 | x x x | A-1-a, f.c. GRAVEL. Some f.c. Sand, trace silt, very compact, gray, Moist, Rec. = 0.4 ft, (FILL) Recovery appeared to be pulverized gravel and cobble fragments. | | | | 36-100/6" (R) | | | | |
| 10.0 | x x x | A-1-a, f.c. GRAVEL. Some f.c. Sand, trace silt, very compact, brn-gry, Moist, Rec. = 0.5 ft, (FILL) Pulverized rock in tip of spoon. | | | | 11-18-33-51 (51) | 7.4 | 64.5 | 26.9 | 8.6 |
| 15.0 | x x x | A-1-a, f.c. GRAVEL. Some f.c. Sand, little silt, medium compact, Dark gray, Wet, Rec. = 0.5 ft, (FILL) | | | | 20-10-11-7 (21) | | | | |
| 20.0 | x x x | A-2-4 | | | | 4-4-53-40 (57) | 13.1 | 8.0 | 80.1 | 11.9 |
| 25.0 | x x x | A-2-4, f.c. SAND, little silt, little f.c. gravel very compact, brown, Moist, Rec. = 0.7 ft, (FILL) Pulverized rock fragments in shoe of spoon. | | | | 6-8-6-6 (14) | | | | |
| 25.0 | x x x | No Recovery, Rec. = 0.0 ft | | | | 20-5-20-50/5 (25) | | | | |
| 25.0 | x x x | A-2-4, f.c. SAND, trace silt, medium compact, brown, Moist, Rec. = 0.4 ft, (FILL) | | | | 93/6" (R) | | | | |
| 25.0 | x x x | No Recovery, Rec. = 0.0 ft | | | | 30-20-15-15 | 9.2 | 63.2 | 24.5 | 12.3 |
| 25.0 | x x x | A-1-a | | | | | | | | |
| 25.0 | x x x | A-1-a, f.c. GRAVEL. Some f.c. Sand, little silt, compact, gry-brn, Moist, Rec. = 0.4 ft | | | | | | | | |

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



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|------------|------------|---|----------------|-------------------|---------------------|--------------------|--------------------|----------|--------|---------|
| | | | | | | | | | | |
| 35.0 | | A-1-a, f.c. GRAVEL, little silt, compact, brn, Wet, Rec. = 0.2 ft | | | | (35) | | | | |
| 35.0 | | A-1-a, Similar Soil, Rec. = 0.1 ft | | | | 13-9-12-13 (21) | | | | |
| 35.0 | | A-1-a, Drilling difficult increased 37'-39' | | | | 5-10-20-20 (30) | | | | |
| 40.0 | | No Recovery, Rec. = 0.0 ft, Spoon bouncing at 39', coarse gravel fragment recovered in shoe of spoon. | | | | 50/5" (R) op | | | | |
| 40.0 | | 40.0 ft - 45.0 ft, Gray, Schist, close fracture spacing. Hard, Slightly weathered, NXDC, good RQD | R-1 | 90 (86) | 7.5 | | | | | 39.3 ft |
| 45.0 | | Hole stopped @ 45.0 ft | | | | | | | | |
| 50.0 | | Remarks: Project performed under CHA project No. 25047. | | | | | | | | |

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