



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 CONSTRUCTION AND
 MATERIALS BUREAU
 CENTRAL LABORATORY

BORING LOG

Weybridge-New Haven
 BF 032-1(19)
 VT 17 Br. #8

Boring No.: **B-104**

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Pin No.: 12b552

Checked By: END

Boring Crew: Judkins, Emerson
 Date Started: 11/14/16 Date Finished: 11/16/16
 VTSPG NAD83: N 578918.32 ft E 1444211.80 ft
 Station: 104+1.00 Offset: 19.50
 Ground Elevation: 150.3 ft

Casing: WB Sampler: 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 55 TRACK CE = 1.41

| Groundwater Observations | | |
|--------------------------|------------|----------------------|
| Date | Depth (ft) | Notes |
| 11/15/16 | 16.4 | W.T. Before Drilling |
| 11/16/16 | 11.9 | W.T. Before Drilling |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description) | Run (Dip deg.) | Core Rec. % (RQD %) | Drill Rate minutes/ft | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % |
|------------|----------------|--|----------------|---------------------|-----------------------|------------------------------|--------------------|----------|--------|---------|
| 0-5 | x x x | Field Note:, Fill for Pad | | | | | | | | |
| 5-6 | x x x | Field Note:, NXDC, Cleaned out casing | | | | | | | | |
| 6-7 | Diagonal lines | Field Note:, No Recovery | | | | 2-2-2-1 (4) | | | | |
| 7-8 | Diagonal lines | Field Note:, No Recovery | | | | 1-1-1-2 (2) | | | | |
| 8-9 | Diagonal lines | Field Note:, NXDC, Cleaned out casing | | | | | | | | |
| 9-10 | Stippled | A-1-b, SiSaGr, brn, Moist, Rec. = 0.7 ft | | | | 4-4-5-4 (9) | 9.3 | 40.3 | 36.1 | 23.6 |
| 10-11 | Diagonal lines | Field Note:, NXDC, Cleaned out casing | | | | | | | | |
| 11-12 | Diagonal lines | A-2-4, GrSiSa, brn, Moist, Rec. = 0.8 ft | | | | 5-3-3-7 (6) | 10.1 | 28.5 | 39.0 | 32.5 |
| 12-13 | Diagonal lines | Field Note:, NXDC, Cleaned out casing | | | | | | | | |
| 13-14 | Diagonal lines | Field Note:, No Recovery | | | | 9-7-8-5 (15) | | | | |
| 14-15 | Diagonal lines | Field Note:, NXDC, Cleaned out casing | | | | | | | | |
| 15-16 | Diagonal lines | A-4, GrSiSa, gry, Moist, Rec. = 1.0 ft | | | | 5-3-3-3 (6) | 12.2 | 21.3 | 39.9 | 38.8 |
| 16-17 | Diagonal lines | Field Note:, No Recovery | | | | 4-3-4-3 (7) | | | | |
| 17-18 | Diagonal lines | A-4, SaSiGr, gry-blk, Moist, Rec. = 0.5 ft | | | | 5-5-R@0" | 14.0 | 41.0 | 22.6 | 36.4 |
| 18-20 | Block pattern | 19.0 ft - 24.0 ft, Blue gray, DOLOMITE, with calcite veins. Calcite crystals along joint surfaces. Hard, Severely to moderately weathered, Fair rock, NX, RMR=56 | 1 (70) | 94 (60) | 17 | (R) Top of Bedrock @ 19.0 ft | | | | |
| 20-21 | Block pattern | | | | 14 | | | | | |
| 21-22 | Block pattern | | | | 15 | | | | | |
| 22-23 | Block pattern | | | | 11 | | | | | |
| 23-24 | Block pattern | | | | 10 | | | | | |
| 24-25 | | Hole stopped @ 24.0 ft | | | | | | | | |
| 25 | | Remarks: Hole collapsed at 0.0 feet. | | | | | | | | |

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 <<SUB>><<SUB>> 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.