



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-102**

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Pin No.: 12b552

Checked By: END

Boring Crew: Judkins, Gomes
 Date Started: 10/31/16 Date Finished: 11/01/16
 VTSPG NAD83: N 578925.65 ft E 1444195.78 ft
 Station: 103+91.00 Offset: 5.00
 Ground Elevation: 153.3 ft

Type: WB Casing SS Sampler
 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
11/01/16	15.3	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 %	LL %	PI %
0.0		Asphalt Pavement, 0.0 ft - 1.0 ft										
1.0		A-1-a, SaGr, brn, Moist, Rec. = 1.1 ft Field Note:, Rollercone, cleaned out casing.				15-13-26-15 (39)	6.4	54.6	33.7	11.7		
2.0		A-2-4, SiSaGr, brn, Moist, Rec. = 1.1 ft Field Note:, Rollercone, cleaned out casing.				12-14-9-14 (23)	8.6	40.9	31.4	27.7		
3.0		Field Note:, No Recovery, Rec. = 0.0 ft				3-5-4-4 (9)						
4.0		A-1-b, SiSaGr, brn, Moist, Rec. = 0.8 ft Field Note:, Rollercone, cleaned out casing.				2-4-8-7 (12)	10.2	46.0	31.9	22.1		
5.0		A-1-b, SiGrSa, brn, Moist, Rec. = 0.6 ft				6-5-6-13 (11)	9.3	36.7	38.5	24.8		
6.0		A-2-4, GrSiSa, brn, Moist, Rec. = 0.7 ft, Lab Note: A few pieces of wood and sticks were within sample. Field Note:, NXDC, cleaned out casing.				23-21-4-3 (25)	18.3	24.4	45.5	30.1		
7.0		A-4, Cisi, gry, Moist, Rec. = 1.3 ft, Lab Note: Pieces of decomposing wood were within sample. Field Note:, NXDC, cleaned out casing.				5-4-3-4 (7)	27.8	1.9	30.9	67.2	28	8
8.0		A-2-4, SiGr, gry-red, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample. Insufficient sample size to perform Atterberg Limit testing. Similar to 13-15 FT sample.				18-2-5 (R)	17.8	60.4	11.8	27.8		
15.0		15.7 ft - 20.7 ft, Blue gray to black, Interbedded META-LIMESTONE, and DOLOMITE with calcite veins. Calcite coating and brown staining on joints. Hard, Slightly weathered, Good rock, NX, RMR=69	R-1 (40)	100 (100)	5							
20.0		20.7 ft - 25.7 ft, Blue gray to black, Interbedded META-LIMESTONE, DOLOMITE, and SHALE. Hard, Unweathered, Fair rock, NX, RMR=49	R-2 (40-45)	100 (62)	7							
25.0		Hole stopped @ 25.7 ft										
30.0		Remarks: Hole collapsed at 7.3 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.