



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-105**
Page No.: 1 of 1
Pin No.: 12b552
Checked By: **END**

Boring Crew: Garrow, Emerson
Date Started: 11/04/16 Date Finished: 11/07/16
VTSPG NAD83: N 578939.28 ft E 1444199.11 ft
Station: 105+0.85 Offset: -5.00
Ground Elevation: 153.7 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
11/07/16		No W.T. to depth

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 1.15 ft								
		A-1-a, SaGr, brn, Moist, Rec. = 0.9 ft				11-10-11-12 (21)	5.7	58.8	31.8	9.4
		Field Note:, Rollercone, Cleaned out casing								
		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft				8-11-9-7 (20)	5.4	54.0	30.6	15.4
		Field Note:, Rollercone, Cleaned out casing								
5		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft				6-6-4-6 (10)	5.1	68.7	23.2	8.1
		Field Note:, Rollercone, Cleaned out casing								
		A-1-a, SaGr, brn, Moist, Rec. = 0.6 ft				3-6-7-6 (13)	5.8	62.1	26.0	11.9
		Field Note:, Rollercone, Cleaned out casing								
10		Field Note:, No Recovery				7-6-3-8 (9)				
		Field Note:, Rollercone, Cleaned out casing								
		A-1-b, SaGr, brn, Moist, Rec. = 0.4 ft				5-12-9-6 (21)	8.3	48.1	32.5	19.4
		Field Note:, NXDC, Cleaned out casing								
		Field Note:, No Recovery				2-5-4-3 (9)				
15		Field Note:, NXDC, Cleaned out casing								
		A-1-b, Gr, brn-gry, Moist, Rec. = 0.3 ft				4- (R) 3.5"	9.0	64.2	18.1	17.7
		15.8 ft - 19.8 ft, Blue gray, DOLOMITE, with calcite veins. Rust and tan staining along joints. Hard, Slightly weathered, Poor rock, NX, RMR=40	1 (45-55)	72 (36)	4					
					3					
					4					
					4					
20		19.8 ft - 20.8 ft, Blue gray, DOLOMITE, with calcite veins. Tan staining along joints. Hard, Very slightly weathered, Poor rock, NX, RMR=39	2 (45)	20 (35)	3					
					4					
		20.8 ft - 25.8 ft, Blue gray, DOLOMITE, with calcite veins. Faint tan and brown staining along joints. Hard, Very slightly weathered, Fair rock, NX, RMR=49	100 (45-50)	100 (34)	4					
					3					
					4					
25					3					
					4					
		Hole stopped @ 25.8 ft								
		Remarks: Hole collapsed at 5.5 feet.								
30										

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.