



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-114**
 Page No.: 1 of 1
 Pin No.: 12b552
 Checked By: AJT

Boring Crew: Judkins, Gomes
 Date Started: 11/30/16 Date Finished: 11/30/16
 VTSPG NAD83: N 579123.92 ft E 1444595.68 ft
 Station: 108+41.61 Offset: 4.00
 Ground Elevation: 160.0 ft

Type: WB 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
11/30/16	7.5	W.T. during drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0.0		Asphalt Pavement, 0.0 ft - 0.53 ft							
0.53		Reclaimed Stabilised Base, 0.53 ft - 1.5 ft							
1.5		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft	11-9-8 (20)	6.6	44.1	45.2	10.7		
2.3		A-4, GrSiSa, brn, Moist, Rec. = 1.2 ft	5-6-4-4 (10)	13.9	20.7	42.2	37.1		
3.5		A-2-4, SiGrSa, brn, Moist, Rec. = 1.8 ft	6-12-7-8 (19)	8.2	29.5	43.8	26.7		
5.3		A-2-4, GrSiSa, brn, Moist, Rec. = 1.2 ft	4-4-7-10 (11)	8.4	25.8	43.6	30.6		
6.5		Field Note: Rollercone, cleaned out casing							
7.7		Field Note: No Recovery	11-9-5-4 (14)						
8.9		A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft	4-3-8-6 (11)	9.9	40.3	40.0	19.7		
9.5		Field Note: NXDC, cleaned out casing							
10.1		A-2-4, GrSiSa, gry, Moist, Rec. = 0.3 ft	7-1-1-2 (2)	11.3	23.5	45.7	30.8		
10.4		Field Note: NXDC, cleaned out casing							
10.7		Field Note: No Recovery	4-5-9-10 (14)						
11.0		Field Note: Rollercone, cleaned out casing							
12.9		Field Note: Pushed 3x30 inch Shelby Tube, Rec. = 1.9 ft							
14.8		Field Note: Rollercone, cleaned out casing							
16.7		A-7-6, Cl, gry, Moist, Rec. = 1.7 ft	3-6-9-13 (15)	31.8	0.7	2.3	97.0	54	29
18.4									
20.1		A-6, SiCl, brn-gry, Moist, Rec. = 2.0 ft	2-3-5-7 (8)	34.8	4.0	8.7	87.3	31	14
22.1									
24.1		A-4, GrSaSi, gry, Moist, Rec. = 2.0 ft, Lab Note: Some clay was within sample. Sample tested non-plastic	4-4-7-8 (11)	10.8	22.4	33.0	44.6		
26.1									
32.0		Hole stopped @ 32.0 ft							
35.0		Remarks: Hole collapsed at 6.5 feet.							

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