



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

BORING LOG

New Haven
 RREW001A
 Milepost 96.10

Boring No.: **B-101**

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Pin No.: 13g520

Checked By: MLM

Boring Crew: New England Boring Contractors, DuBois & King
 Date Started: 11/30/16 Date Finished: 11/30/16
 VTSPG NAD83: N 596722.52 ft E 1460496.90 ft
 Station: 5074+28.99 Offset: 0.00
 Ground Elevation: 286.46 ft

Casing: WB Sampler: SS
 Type: WB I.D.: 4 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/NWJ
 Rig: Volvo D53 CE= Unknown

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5									
8		A-7-6, Cl, gry, Moist, Rec. = 1.0 ft	1-2-3-6 (5)	37.7	11.1	24.0	64.9	59	32
10		A-7-6, Cl, brn-gry, Moist, Rec. = 0.8 ft, Lab Note: Similar Atterberg limits to 8-10 foot sample	4-6-7-6 (13)	30.5	15.1	24.6	60.3		
12		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft	3-3-3-3 (6)	37.2	9.6	14.3	76.1	59	34
14		A-7-6, Cl, Dk/brn-gry, Moist, Rec. = 1.0 ft, Lab Note: Similar Atterberg limits to 16-18 foot sample	4-3-4-4 (7)	37.5	2.2	15.0	82.8		
16		A-7-6, Cl, gry-Dk/brn, Moist, Rec. = 2.0 ft, Sample Tested: Trace of Organics (5.6%)	3-3-5-4 (8)	51.7	2.7	27.0	70.3	62	33
18		A-7-6, Cl, Lt/brn-Dk/gry, Moist, Rec. = 2.0 ft, Lab Note: Similar Atterberg limits to 16-18 foot sample	2-4-4-7 (8)	44.6	1.0	23.5	75.5		
20		A-7-6, Cl, Lt/brn-gry, Moist, Rec. = 2.0 ft, Lab Note: Material from Unconfined Compressive Strength T-208 tube sample "A"		20.7		2.5	97.5	66	32
22		A-7-6, Cl, brn-gry, Moist, Rec. = 1.7 ft, Lab Note: Similar characteristics and properties to 24-26 foot sample	6-10-14-13 (24)	41.1					
24		A-7-6, Cl, Lt/brn-gry, Moist, Rec. = 2.0 ft, Lab Note: Material from Consolidation T-216 sample "B"		37.5		0.5	99.5	55	30
26		A-7-6, Cl, Dk/gry-brn, Moist, Rec. = 2.0 ft	8-6-6-8 (12)	44.1	3.1	15.1	81.8	68	41
28		A-7-6, Cl, Lt/gry-brn, Moist, Rec. = 2.0 ft, Lab Note: Similar characteristics and properties to 26-28 foot sample	7-7-7-7 (14)	44.8					
30		Hole stopped @ 30.0 ft							
		Remarks: 1. 20 and 24 foot samples were 3x30 inch Shelby Tube undisturbed samples.							

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.