



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

BORING LOG

Bolton
IM 089-2(45)
I-89

Boring No.: **B-114**
Page No.: **1 of 1**
Pin No.: **13a090**
Checked By: **MLM**

Boring Crew: NIETO, HOOK, JUDKINS
Date Started: 9/28/15 Date Finished: 9/28/15
VTSPG NAD83: N 685874.15 ft E 1531474.99 ft
Station: 129+26 Offset: 13.20
Ground Elevation: 350.6 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/AWJ
Rig: CME 45C TRACK C_c = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
09/28/15		No water to depth

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
		Asphalt Pavement, 0.0 ft - 0.6 ft						
		A-1-a, SaGr, gry-brn, Moist, Rec. = 1.4 ft, Lab Note: Broken rock was within sample.	9-16-21-15 (37)	6.5	57.8	30.5	11.7	
		A-1-b, SaGr, gry-brn, Moist, Rec. = 0.5 ft, Lab Note: Broken rock was within sample.	11-10-10-14 (20)	7.8	50.5	34.0	15.5	
		A-2-4, SiSa, brn, Moist, Rec. = 1.1 ft		6.3	18.1	58.8	23.1	
5		A-4, SaSi, brn, Moist, Rec. = 1.3 ft	8-6-4-3 (10)	11.8	8.2	29.1	62.7	
		A-4, SaSi, brn, Moist, Rec. = 1.4 ft	3-3-2-4 (5)	11.9	3.7	32.1	64.2	
10		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft	6-4-3-4 (7)	9.3	14.8	50.8	34.4	
		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft	3-3-3-3 (6)	8.1	15.1	54.4	30.5	
15		A-4, SaSi, brn, Moist, Rec. = 1.6 ft	1-2-2-2 (4)	11.4	6.8	45.0	48.2	
		A-4, SaSi, brn, Moist, Rec. = 1.1 ft	2-3-3-3 (6)	11.9	12.1	41.3	46.6	
		Field Note:, No Recovery	6-8-8-8 (16)					
20		Field Note:, No Recovery	8-9-8-10 (17)					
		Hole stopped @ 21.0 ft						
25		Remarks: Hole Collapsed at 21.0 feet. 1.) When sampling from 11-13 feet, the sampler went 0.3 feet past the bottom depth.						

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. C_c 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.

BORING LOG 2 BOLTON IM089-2(45).GPJ VERMONT AOT.GDT 11/23/15