



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

BORING LOG

Waterford  
BF 0225(5)  
VT 18 Br. 2

Boring No.: **B-101**

Page No.: 1 of 1

Pin No.: 15b051

Checked By: **END**

Boring Crew: Judkins, Gomes  
Date Started: 8/11/16 Date Finished: 8/11/16  
VTSPG NAD83: N 673406.24 ft E 1799772.82 ft  
Station: 3+52.29 Offset: -12.88  
Ground Elevation: 724.4 ft

Casing: WB Sampler: SS  
I.D.: 3 in 1.5 in  
Hammer Wt: N.A. 140 lb.  
Hammer Fall: N.A. 30 in.  
Hammer/Rod Type: Auto/AWJ  
Rig: CME 45C SKIDSUB>><<SUB>> = 1.42

Groundwater Observations		
Date	Depth (ft)	Notes
08/11/16	21.2	W.T. during drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.2 ft	9-18-15 (27)	6.3	43.8	40.4	15.8
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken rock was within sample					
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.3 ft	20-38-14-11 (52)	8.8	21.0	55.4	23.6
5		Field Note: BXDC, Cleaned out casing					
		Field Note: No Recovery	12-12-10-12 (22)				
		A-2-4, GrSa, brn, Moist, Rec. = 1.4 ft	12-9-11-12 (20)	12.6	20.8	59.4	19.8
		A-2-4, Sa, brn, Moist, Rec. = 1.2 ft	8-6-4-5 (10)	11.4	12.2	69.7	18.1
10		A-2-4, Sa, brn, Moist, Rec. = 1.0 ft	8-8-8-9 (16)	10.3	8.2	79.8	12.0
		A-1-b, Sa, brn, Moist, Rec. = 1.0 ft	4-3-3-2 (6)	14.9	10.0	83.4	6.6
15		A-3, Sa, brn, Moist, Rec. = 0.1 ft	2-1-3-3 (4)	17.4	14.5	77.3	8.2
		A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft	3-2-5-3 (7)	13.2	52.8	37.7	9.5
		Field Note: No Recovery	4-6-11-7 (17)				
20		Field Note: BXDC, Cleaned out casing					
		A-1-a, SaGr, brn, Moist, Rec. = 0.5 ft	6-9-7-4 (16)	9.7	62.3	26.7	11.0
25		Field Note: BXDC, Cleaned out casing					
		A-2-4, SaSiGr, gry, Moist, Rec. = 1.2 ft, Lab Note: Broken rock was within sample	24-23-21-20 (44)	10.1	37.1	31.0	31.9
30		A-4, SaSi, gry, Moist, Rec. = 0.6 ft, Lab Note: Broken rock was within sample	17-R@2.5" (R)	12.0	19.0	32.6	48.4
35		Field Note: BXDC, Cleaned out casing					
		A-4, SaGrSi, gry, Moist, Rec. = 0.9 ft, Lab Note: Broken rock was within sample	42-R@5" (R)	14.3	25.2	22.1	52.7
40		Field Note: BXDC, Cleaned out casing					
		A-4, SaSi, gry, Moist, Rec. = 0.9 ft	32-R@5" (R)	8.1	13.3	35.7	51.0
		Hole stopped @ 40.9 ft					
45		Remarks: Hole collapsed at 1.9 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.