



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

BORING LOG

Northfield-Williamstown
 STP 2959(1)
 VT-64

Boring No.: **B-107**
 Page No.: 1 of 1
 Pin No.: 15v022
 Checked By: END

Boring Crew: Judkins, Garrow, Emerson
 Date Started: 10/21/16 Date Finished: 10/21/16
 VTSPG NAD83: N 589217.42 ft E 1602189.63 ft
 Station: _____ Offset: 22.60
 Ground Elevation: _____

Casing: WB Sampler: SS
 Type: _____
 I.D.: 4 in _____
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 45C SKID CE= 1.42

Groundwater Observations		
Date	Depth (ft)	Notes
10/21/16		No W.T. observed

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.7 ft					
5		A-1-a, SaGr, brn, Moist, Rec. = 1.4 ft	17-19-21-15 (40)	5.4	58.6	30.4	11.0
		A-1-b, SaGr, blk-brn, Moist, Rec. = 1.6 ft, Lab Note: Broken rock was within sample	10-16-7-16 (23)	10.0	48.4	33.9	17.7
		A-1-b, SaGr, blk-brn, Moist, Rec. = 1.4 ft, Lab Note: A lot of broken rock was within sample	6-22-25-20 (47)	7.2	55.2	25.9	18.9
10		A-2-4, SiSaGr, blk, Moist, Rec. = 1.2 ft, Lab Note: Broken and weathered rock was within sample	9-23-22-21 (55)	11.2	45.5	28.2	26.3
		Field Note:, NXDC, Cleaned out casing					
15		A-2-4, SaSiGr, blk, Moist, Rec. = 1.3 ft, Lab Note: Broken and weathered rock was within sample	13-14-29-46 (43)	12.4	38.7	26.8	34.5
		Field Note:, NXDC, Cleaned out casing					
20		A-1-b, SaGr, blk, Moist, Rec. = 0.9 ft, Lab Note: Broken and weathered rock was within sample	16-R@5" (R)	10.7	54.1	26.0	19.9
		Field Note:, NXDC, Cleaned out casing					
25		A-2-4, SaSiGr, blk, Moist, Rec. = 0.6 ft	13-14-11-11 (25)	14.6	43.5	26.1	30.4
		Field Note:, NXDC, Cleaned out casing					
30		Field Note:, NXDC, Cleaned out casing					
		A-2-4, SaSiGr, blk, Moist, Rec. = 1.5 ft, Lab Note: Weathered rock was within sample	8-10-14-12 (24)	14.6	41.0	27.6	31.4
		Hole stopped @ 32.0 ft					
35		Remarks: Hole collapsed at 23.1 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.