



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

BORING LOG

Springfield
 BF 0134(43)
 VT 11 Culvert 57

Boring No.: **B-101**

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Pin No.: 13c334

Checked By: END

Boring Crew: Gomes, Judkins, Emerson
 Date Started: 7/25/16 Date Finished: 7/25/16
 VTSPG NAD83: N 291889.55 ft E 1637993.49 ft
 Station: 327+95 Offset: 18.81
 Ground Elevation: 568.0 ft

Type: WB Casing SS Sampler
 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 SKID SUB>><<SUB>> = 1.42

Groundwater Observations		
Date	Depth (ft)	Notes
07/25/16		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 - 0.5 ft					
2.5		A-1-b, GrSa, gry-brn, Moist, Rec. = 0.8 ft Field Note:, Rollercone, Cleaned out casing	2-3-3-3 (6)	10.5	33.5	55.8	10.7
5.0		A-2-4, GrSiSa, gry-brn, Moist, Rec. = 0.8 ft Field Note:, Rollercone, Cleaned out casing	4-6-8-8 (14)	9.3	26.2	44.6	29.2
7.5		A-2-4, SiSa, gry-brn, Moist, Rec. = 1.0 ft Field Note:, Rollercone, Cleaned out casing	8-4-7-5 (11)	9.0	18.3	52.2	29.5
		A-3, Sa, brn, Moist, Rec. = 1.0 ft	3-4-3-3 (7)	12.9	5.3	86.7	8.0
		A-3, GrSa, brn, Moist, Rec. = 0.5 ft	1-R@3.5" (R)	17.0	20.8	72.1	7.1
10.0		Hole stopped @ 9.8 ft Remarks: Hole collapsed at 9.3 feet. 1.) Hit culvert at 9.8 feet. Aborted drilling operations.					

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.