



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

BORING LOG

Morristown
 STPHES030-2(28)
 Culvert VT-15

Boring No.: B-202

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Pin No.: 12b014

Checked By: END

Boring Crew: Garrow, Judkins, Emerson

Date Started: 4/14/17 Date Finished: 4/14/17

VTSPG NAD83: N 753013.17 ft E 1623646.79 ft

Station: 209+69.79 Offset: 32.60

Ground Elevation: 690.5 ft

Type: WB SS
 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 CE = 1.42

Groundwater Observations

Date	Depth (ft)	Notes
04/14/17	5.2	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.3 ft, Lab Note: Decomposing plant material was within sample.	WH-2-10-10 (12)	20.8	29.1	41.2	29.7
		A-4, SiSa, brn, Moist, Rec. = 1.6 ft	8-8-9-12 (17)	23.7	15.0	46.9	38.1
5		A-2-4, GrSiSa, brn, Moist, Rec. = 1.3 ft, Lab Note: Sticks and twigs were within sample.	6-3-4-3 (7)	20.1	22.5	46.7	30.8
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.0 ft	3-4-7-8 (11)	14.6	34.4	44.0	21.6
		Field Note:, NXDC, Cleaned out casing					
		A-1-b, GrSa, brn, Moist, Rec. = 1.3 ft, Lab Note: Broken and weathered rock was within sample.	14-23-22-18 (45)	11.2	40.3	41.3	18.4
10		Field Note:, No Recovery	9-5-4-5 (9)				
		Field Note:, NXDC, Cleaned out casing					
15		A-4, SaSi, brn, Moist, Rec. = 1.3 ft	8-8-7-8 (15)	14.7	9.9	37.8	52.3
		Field Note:, NXDC, Cleaned out casing					
20		A-4, SaSi, brn, Moist, Rec. = 1.0 ft	10-10-12-14 (22)	15.2	2.8	43.5	53.7
		Hole stopped @ 22.0 ft					
25		Remarks: Hole collapsed at 10.2 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.