



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

BORING LOG

Addison
 BF 0172(9)
 VT-125 Br. #1

Boring No.: **B-102**

Page No.: 1 of 1

Pin No.: 15b092

Checked By: MLM

Boring Crew: Emerson, Judkins, Olden

Date Started: 4/10/17 Date Finished: 4/10/17

VTSPG NAD83: N 557957.44 ft E 1403962.82 ft

Station: 65+00 Offset: -8.80

Ground Elevation: 102.09 ft

Type: WB Sampler 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
04/10/17	5.4	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt pavement, 0.0 ft - 1.37 ft							
		A-1-b, GrSa, brn, Dry, Rec. = 0.6 ft Field Note: NXDC, cleanout, cobbles	8-11-12-10 (23)	6.6	27.3	55.0	17.7		
5		A-4, SaGrSi, brn, Moist, Rec. = 0.7 ft Field Note: NXDC, cleanout, cobbles Field Note: No recovery, NXDC, cleanout, cobbles	3-1-3-7 (4) 1-2-1-2 (3)	20.3	25.2	21.2	53.6		
10		A-4, GrSi, gry, Wet, Rec. = 0.4 ft, Lab Note: Sample tested non-plastic Field Note: NXDC, cleanout, cobbles Field Note: No recovery	WH-1-3 (1) 2-3-5-3 (8)	25.3	28.0	20.0	52.0		
15		Field Note: NXDC, cleanout, cobbles A-2-4, SiGr, gry, Wet, Rec. = 0.3 ft, Lab Note: Broken rock was within sample. Sample tested non-plastic	9-6-2-4 (8)	34.9	54.7	16.6	28.7		
20		Field Note: NXDC, cleanout, cobbles A-1-a, SaGr, Dk/brn, Wet, Rec. = 0.7 ft, Lab Note: A lot of decomposing wood and wood fibers were within sample. Insufficient sample size for organics testing	6-1-3-3 (4)	207.0	51.9	41.0	7.1		
25		Field Note: NXDC, cleanout A-8, GrSa, Dk/brn, Moist, Rec. = 1.8 ft	1-1-1-1 (2)	132.3	34.3	53.0	12.7		
30		A-6, SiCl, gry, Moist, Rec. = 1.9 ft, Lab Note: A small amount of decomposing wood and wood fibers were within sample	WH (WH)	47.5	0.5	21.7	77.8	36	13
35		A-4, CISi, gry, Wet, Rec. = 2.0 ft	1-1-2-2 (3)	38.8	0.3	19.8	79.9	27	10
40		A-6, SiCl, gry, Moist, Rec. = 2.0 ft	WH-2-2 (2)	30.0		2.1	97.9	33	14
		Hole stopped @ 42.0 ft							
45		Remarks: Hole collapsed at 17.1 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.

BORING LOG - Z ADDISON BF-0172(9).GPJ VERMONT AOT.GDT 5/8/17