



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-104
 Page No.: 1 of 1
 Pin No.: 15b092
 Checked By: MLM

Boring Crew: Emerson, Judkins, Olden
 Date Started: 4/05/17 Date Finished: 4/10/17
 VTSPG NAD83: N 557923.62 ft E 1403963.26 ft
 Station: 65+34 Offset: -7.70
 Ground Elevation: 102.58 ft

Casing: 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
04/05/17	6.1	W.T. after drilling
04/10/17	4.0	W.T. before 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 - 1.74 ft							
		Field Note:, No recovery	5-6-3-1 (9)						
5		A-4, Si, brn, Moist, Rec. = 0.3 ft	2-1-1-2 (2)	16.3	18.6	4.7	76.7		
		Field Note:, Cleanout with roller cone							
		Field Note:, No recovery	2-WH-1 (WH)						
		Field Note:, Cleanout with roller cone							
10		A-6, SiCl, gry, Moist, Rec. = 1.3 ft	1-WH-2-3 (2)	23.2	6.6	7.5	85.9	34	15
		Field Note:, Cleanout with roller cone	WH-2-2-3 (4)	26.2	0.3	7.0	92.7	35	17
		Field Note:, Pushed 3" x 30" Shelby Tube, Rec. = 1.5 ft							
15		Field Note:, Attempted to push Shelby Tube - No penetration at 350 psi							
		Field Note:, Attempted to push Shelby Tube - No penetration at 350 psi							
20		Field Note:, NXDC, cleaned out casing							
		A-2-4, SiSa, Dk/brn, Moist, Rec. = 1.4 ft, Lab Note: A lot of decomposing wood and wood fibers were within sample	WH-1-1-1 (2)	120.4	18.1	51.2	30.7		
25		A-4, Si, gry, Moist, Rec. = 1.8 ft, Lab Note: Sample tested non-plastic. Sample contained little (18.6%) organic materials (AASHTO T-267)	WH-1-WH (1)	27.3	0.1	8.2	91.7		
30		A-6, SiCl, gry, Moist, Rec. = 1.7 ft	1-1-1-3 (2)	25.3		7.4	92.6	28	11
35		A-7-5, Cl, gry, Wet, Rec. = 2.0 ft, Lab Note: Similar to 40-42 ft. sample	WH (WH)	45.5		1.1	98.9		
40		A-7-5, Cl, gry, Wet, Rec. = 2.0 ft	WH (WH)	66.7	0.1	0.5	99.4	64	32
		Hole stopped @ 42.0 ft							
45		Remarks: Hole collapsed at 16.2 feet.							

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 2. <<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.