



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING LOG

WATERBURY
 FEGC F013-4(13)
 US-2 ROADWAY

Boring No.: **B-102**

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Pin No.: 85B006

Checked By: CEE

Boring Crew: DAIGNEAULT, JUDKINS, HALL
 Date Started: 8/14/13 Date Finished: 8/14/13
 VTSPG NAD83: N 670823.66 ft E 1572761.61 ft
 Station: 39+95.3 Offset: 5.20
 Ground Elevation: 419.21 ft

Casing H.S.A. Sampler SS
 I.D.: 4.25 in 3 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 45C SKID C_s = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
08/14/13		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.73 ft					
2.5		A-1-a, SaGr, brn, Moist, Rec. = 1.5 ft	74-57-46-38	3.6	45.3	42.5	12.2
		A-1-b, SiGrSa, brn, Moist, Rec. = 1.6 ft	14-12-6-9	11.7	35.2	39.3	25.5
5.0		A-2-4, GrSiSa, brn, Moist, Rec. = 1.6 ft	5-5-6-5	15.5	25.7	38.8	35.5
7.5		A-2-4, SiSa, brn, Moist, Rec. = 1.6 ft	5-4-3-6	16.6	4.6	60.0	35.4
10.0		A-4, SiSa, brn, Moist, Rec. = 1.7 ft	5-7-5-5	22.2	0.2	50.2	49.6
12.5		A-4, SaSi, brn, Moist, Rec. = 1.5 ft, Lab Note: A very thin layer of material with clay characteristics was noticed within sample. Tested: (NP)	5-3-9-26	38.6	7.4	20.3	72.3
		A-1-a, SaGr, brn, Moist, Rec. = 0.5 ft		7.3	61.2	34.9	3.9
		A-1-b, SaGr, brn, MTW, Rec. = 0.4 ft	14-15-17-12	12.5	49.0	36.4	14.6
15.0		A-1-b, SiSaGr, brn, Wet, Rec. = 1.6 ft	11-6-6-6	13.7	56.5	23.4	20.1
17.5		Hole stopped @ 17.0 ft					
		Remarks: 1. Driller's used a 3.0 inch split spoon sampler. 2. Hole collapsed at 13.0 ft.					

Notes:
 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 2. N Values have not been corrected for hammer energy. C 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 2 WATERBURY FEGC F013-4(13).GPJ VERMONT AOT.GDT 10/24/13