



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

BORING LOG

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

Boring No.: **B-103**
 Page No.: 1 of 1
 Pin No.: 85B006
 Checked By: CEE

Boring Crew: DAIGNEAULT, JUDKINS, HALL
 Date Started: 8/15/13 Date Finished: 8/15/13
 VTSPG NAD83: N 670389.74 ft E 1573030.38 ft
 Station: 45+06.0 Offset: 5.20
 Ground Elevation: 427.51 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

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.6		Asphalt Pavement, 0.0 ft - 0.6 ft					
0.6 - 1.0		Concrete, 0.6 ft - 1.0 ft					
1.0 - 2.5		A-2-4, GrSaSi, brn, Moist, Rec. = 1.4 ft	8-10-9-15	16.5	30.2	34.8	35.0
2.5 - 5.0		A-2-4, SiSaGr, brn, Moist, Rec. = 0.8 ft	16-12-10-11	12.0	41.5	29.9	28.6
5.0 - 7.5		Field Note:, No Recovery	25-18-12-8				
7.5 - 10.0		A-1-b, SiSaGr, brn, Moist, Rec. = 0.5 ft	13-13-17-18	7.5	56.8	23.1	20.1
10.0 - 12.5		A-4, SaSi, brn, Moist, Rec. = 0.9 ft	25-15-17-20	22.4	13.6	27.2	59.2
12.5 - 15.0		A-4, Si, brn, Moist, Rec. = 0.4 ft	17-13-15-21	25.2	0.4	18.6	81.0
15.0 - 17.5		A-2-4, SiSa, brn, Moist, Rec. = 0.6 ft		13.4	6.7	70.7	22.6
17.5 - 19.0		A-1-b, GrSa, brn, Moist, Rec. = 2.0 ft	10-31-42-49	4.9	38.0	54.4	7.6
19.0 - 20.5		A-2-4, SiSa, brn, Moist, Rec. = 0.5 ft	22-29-25-41	14.5	14.3	54.1	31.6
20.5 - 22.0		A-1-a, SaGr, brn-white, Moist, Rec. = 0.5 ft		3.2	52.4	37.7	9.9
22.0 - 23.5		A-1-a, SaGr, rust, Moist, Rec. = 0.8 ft, Lab Note: Sample was rusty-orange in color.		6.4	58.6	32.4	9.0
23.5 - 17.5		Hole stopped @ 17.0 ft					
		Remarks: 1. Driller's used a 3.0 inch split spoon sampler. 2. Hole collapsed at 16.4 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