



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

BORING LOG

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

Boring No.: **B-104**

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Pin No.: 85B006

Checked By: CEE

Boring Crew: DAIGNEAULT, JUDKINS, HALL  
 Date Started: 8/15/13 Date Finished: 8/15/13  
 VTSPG NAD83: N 669992.46 ft E 1573302.44 ft  
 Station: 49+87.5 Offset: 0.80  
 Ground Elevation: 441.03 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<sub>1</sub> = 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 - 0.78		Asphalt Pavement, 0.0 ft - 0.78 ft					
2.5		A-1-b, GrSa, brn, Moist, Rec. = 2.0 ft	12-14-11-3	2.0	32.8	60.4	6.8
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft	1-2-1-6	2.1	27.8	65.4	6.8
5.0		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft, Lab Note: Pieces of Concrete were within sample.		9.7	40.0	48.6	11.4
		A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft, Lab Note: A small amount of Concrete was within sample.		8.9	44.1	48.0	7.9
		A-2-4, SiGrSa, red-brn, Moist, Rec. = 0.6 ft, Lab Note: Brick & Concrete were within sample. A large piece of Brick & Concrete was removed before gradation.		15.6	25.5	52.4	22.1
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft, Lab Note: Pieces of Concrete were within sample.		16.3	19.1	59.5	21.4
7.5		Hole stopped @ 7.0 ft Hit a water line.					
10.0		Remarks: 1. Driller's used a 3.0 inch split spoon sampler. 2. Hit a water line at 7.0 ft.					
12.5							
15.0							
17.5							

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<sub>1</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 2 WATERBURY FEGC F013-4(13).GPJ VERMONT AOT.GDT 10/24/13