



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

BORING LOG

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

Boring No.: B-105  
Page No.: 1 of 1  
Pin No.: 85B006  
Checked By: CEE

Boring Crew: JUDKINS, GARROW  
Date Started: 8/19/13 Date Finished: 8/20/13  
VTSPG NAD83: N 669589.68 ft E 1573606.26 ft  
Station: 54+91.9 Offset: -8.70  
Ground Elevation: 423.17 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 = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
08/20/13	12.8	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0.0 - 0.45		Asphalt Pavement, 0.0 ft - 0.45 ft							
2.5		A-2-4, GrSiSa, brn, Moist, Rec. = 1.0 ft	20-18-18-20	10.4	20.5	54.6	24.9		
		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft		3.4	54.5	35.6	9.9		
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.3 ft	18-12-12-14	9.7	29.9	49.7	20.4		
5.0		A-1-b, SiSaGr, brn, Moist, Rec. = 1.3 ft	26-12-10-10	10.9	42.2	36.8	21.0		
		Visual Description: Mostly Decayed Wood with a small amount of Fine sand & silt, brn, Moist, Rec. = 0.7 ft		60.5					
7.5		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft, Lab Note: Decayed Wood was within sample.	10-10-7-7	10.6	55.3	29.5	15.2		
		A-2-4, SiSa, brn, Moist, Rec. = 1.3 ft, Lab Note: Decayed Wood was within sample.		26.7	0.1	65.2	34.7		
10.0		A-4, SiSa, brn, Moist, Rec. = 1.5 ft, Lab Note: Lots of Wood was within sample.	WH-1-2-2	60.8	11.2	45.8	43.0		
		A-4, Si, gry, Moist, Rec. = 2.0 ft, Lab Note: Wood was within sample.	2-2-2-3	39.6	0.1	10.8	89.1	33	2
12.5		A-2-4, SiGrSa, brn, Moist, Rec. = 0.5 ft, Lab Note: Wood was within sample.	2-6-32-39	23.9	28.9	50.6	20.5		
		A-2-4, SiSa, brn, Moist, Rec. = 0.8 ft, Lab Note: Wood was within sample.		35.8	14.3	65.3	20.4		
15.0		A-1-a, SaGr, gry, MTW, Rec. = 0.7 ft		7.8	68.5	26.0	5.5		
		A-1-a, SaGr, brn, MTW, Rec. = 1.7 ft	17-25-19-15	9.1	62.5	30.5	7.0		
17.5		Hole stopped @ 17.0 ft							
		Remarks: 1. Driller's used a 3.0 inch split spoon sampler. 2. Hole collapsed at 11.6 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