



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

BORING LOG

WATERBURY  
IM 089-2(43)  
EXIT #10 NB OFF RAMP-A BR-47

Boring No.: B-108  
Page No.: 1 of 1  
Pin No.: 10A076  
Checked By: CEE

Boring Crew: GARROW, WERNER, PORTER  
Date Started: 1/26/11 Date Finished: 4/04/11  
VTSPG NAD83: N 671501.77 ft E 1575328.85 ft  
Station: 107+82.26 Offset: 11.75  
Ground Elevation: 472.03 ft

Casing Type: WB  
Sampler Type: SS  
I.D.: 4 in 1.5 in  
Hammer Wt: N.A. 140 lb.  
Hammer Fall: N.A. 30 in.  
Hammer/Rod Type: Manual/AWJ  
Rig: SMALL SKID RIG CE =

Groundwater Observations		
Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft	15-18-R (R)	18.4	24.7	58.9	16.4
		Field Note: No Recovery	11-5-4-3 (9)				
5		A-1-b, SiSaGr, brn, Wet, Rec. = 0.7 ft	3-3-4-6 (7)	14.2	48.8	28.4	22.8
		Field Note: No Recovery, No blow counts on field log.					
		A-4, SaSiGr, brn, Wet, Rec. = 0.9 ft	5-4-3-2 (7)	18.3	42.3	20.6	37.1
10		A-1-b, SaGr, gry, Wet, Rec. = 1.1 ft, Sample was mostly Rock Fill.	6-12-13-7 (25)	10.3	57.3	24.5	18.2
		A-1-a, SaGr, gry, Wet, Rec. = 0.3 ft, Rock Fill was within sample.	5-16-6-6 (22)	12.2	56.5	30.6	12.9
15		Field Note: No Recovery	6-5-4-3 (9)				
		A-1-a, SaGr, gry, Wet, Rec. = 0.7 ft	5-5-19-27 (24)	9.1	70.7	20.6	8.7
20	Hole stopped @ 18.0 ft						
25	Remarks: 1. Drill Rig would not stay running. Stopped drilling at 18.0 feet.						
30							
35							
40							
45							

BORING LOG 2 WATERBURY IM 089-2(43).GPJ VERMONT AOT.GDT 4/13/11

Notes:  
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.  
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.