



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

BORING LOG

RICHMOND  
STP 0284(17)  
US-2

Boring No.: B-105  
Page No.: 1 of 1  
Pin No.: 97C186  
Checked By: CEE

Boring Crew: PORTER, HOLT  
Date Started: 2/16/12 Date Finished: 2/16/12  
VTSPG NAD83: N 701365.70 ft E 1507636.60 ft  
Station: 18+16 Offset: -23.00  
Ground Elevation: 304.2 ft

Casing: H.S.A. Sampler: SS  
Type: H.S.A. I.D.: 3.5 in 1.5 in  
Hammer Wt: N.A. 140 lb.  
Hammer Fall: N.A. 30 in.  
Hammer/Rod Type: Auto/AWJ  
Rig: CME 45C SKID CE = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
		None Taken.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-1-b, SaGr, brn, Moist, Taken from Auger flight.		10.2	49.6	32.0	18.4		
		A-4, GrSaSi, brn, Moist, Rec. = 1.1 ft	7-11-14-16 (25)	14.8	23.4	34.0	42.6		
5		Field Note: No Recovery. Stone in sampler.	23-43-37-57 (80)						
		A-2-4, SiSa, brn, Moist, Rec. = 1.4 ft, Also hitting Cobbles.	18-24-21-18 (45)	9.2	18.5	50.7	30.8		
		A-2-4, SiSa, brn, Moist, Rec. = 1.6 ft	4-5-4-5 (9)	13.6	1.2	64.6	34.2		
10		A-1-b, GrSa, brn, MTW, Rec. = 1.2 ft	5-9-11-8 (20)	12.0	43.9	46.2	9.9		
15		A-1-b, GrSa, brn, Wet, Rec. = 1.2 ft	6-7-8-7 (15)	15.1	42.0	47.2	10.8		
20		A-1-b, SaGr, brn, Wet, Rec. = 1.2 ft	5-7-7-8 (14)	13.2	46.6	43.7	9.7		
25		A-1-a, SaGr, brn, Wet, Rec. = 0.6 ft	5-7-9-11 (16)	13.4	56.5	33.9	9.6		
		A-4, Si, gry, Moist, Rec. = 0.5 ft		27.6	2.2	97.8	27	3	
		Hole stopped @ 27.0 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. 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.

BORING LOG 2 RICHMOND STP 0284(17).GPJ VERMONT AOT.GDT 3/28/12