



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

BORING LOG

RICHMOND
STP 0284(17)
US-2

Boring No.: B-104
Page No.: 1 of 1
Pin No.: 97C186
Checked By: CEE

Boring Crew: PORTER, WHITLOCK, HOLT
Date Started: 2/09/12 Date Finished: 2/09/12
VTSPG NAD83: N 701348.00 ft E 1507551.50 ft
Station: 17+55 Offset: 40.00
Ground Elevation: 302.6 ft

Casing Sampler
Type: H.S.A. SS
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
02/10/12	5.5	AM

Depth (ft)	Strata (i)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-2-4, SiGrSa, brn, Moist, Taken from Auger Flights.		15.3	25.3	53.9	20.8		
		A-4, SaSi, brn, Moist, Rec. = 1.5 ft	10-13-9-9 (22)	20.2		21.6	78.4		
5		A-2-4, Sa, brn, Moist, Rec. = 1.4 ft	3-4-5-7 (9)	12.0	3.5	76.9	19.6		
		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft	4-7-6-7 (13)	3.7	25.3	69.3	5.4		
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft	3-7-9-9 (16)	9.5	40.8	50.7	8.5		
10		A-1-b, GrSa, brn, Wet, Rec. = 0.9 ft	7-8-10-8 (18)	15.8	40.4	49.8	9.8		
		A-1-b, GrSa, brn, Wet, Rec. = 1.5 ft	14-27-24-19 (51)	13.2	35.9	54.2	9.9		
		A-1-b, GrSa, gry, Wet, Rec. = 1.0 ft	9-11-13-21 (24)	11.7	35.7	53.8	10.5		
20		A-1-b, GrSa, gry, Wet, Rec. = 0.6 ft	9-5-6-6 (11)	14.4	32.0	48.3	19.7		
25		A-4, Si, gry, Moist, Rec. = 0.7 ft		26.3	3.1	11.0	85.9	26	4
		Hole stopped @ 27.0 ft							
30									

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