



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

BORING LOG

RICHMOND
STP 0284(17)
US-2

Boring No.: B-101
Page No.: 1 of 1
Pin No.: 97C186
Checked By: CEE

Boring Crew: PORTER, WHITLOCK, HOLT
Date Started: 2/15/12 Date Finished: 2/15/12
VTSPG NAD83: N 701850.10 ft E 1506561.00 ft
Station: 6+25 Offset: -34.00
Ground Elevation: 328.6 ft

Casing: H.S.A. Sampler: 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
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-a, SaGr, brn, Moist, Taken from auger flight		6.4	59.2	25.4	15.4
		A-4, SaSi, brn, Moist, Rec. = 1.1 ft, Trace of Clay.	7-4-3-4 (7)	14.3	2.1	28.1	69.8
5		A-4, SaSi, brn, Moist, Rec. = 1.7 ft, Trace of Clay.	3-5-6-5 (11)	13.6	0.9	25.2	73.9
		A-4, SaSi, brn, Moist, Rec. = 1.9 ft, Trace of Clay.	8-8-9-9 (17)	14.3	0.9	42.1	57.0
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	3-5-4-4 (9)	13.4	0.2	32.5	67.3
10		A-4, SaSi, brn, Moist, Rec. = 1.7 ft, Trace of Clay.	4-7-8-12 (15)	14.4		29.5	70.5
		A-4, SaSi, brn, Moist, Rec. = 1.6 ft, Trace of Clay.	8-10-11-15 (21)	17.1		24.5	75.5
		Field Note:, Cobbles					
20		Field Note:, No Recovery. Stone in sampler., Rec. = 0.3 ft	8-R@1.0"				
		Field Note:, Cobbles					
		A-4, SaSi, brn, Moist, Sample taken from auger flights. Trace of Clay.		17.1	0.4	23.8	75.8
25		Field Note:, Cobbles					
		Hole stopped @ 25.6 ft In Cobbles or on Ledge.					
30		Remarks: Lab Note: Samples with "Trace of Clay" had noticeable clay within the sample, but an insufficient amount for testing. The amounts of clay were very small with very thin layers within the sample. It was lean clay with low to medium Limits.					

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.