



STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

Colchester
STPG 5600(17)
US 2

Boring No.: **B-104**

Page No.: 1 of 1

Pin No.: 13d436

Checked By: **END**

Boring Crew: Hook, Garrow, Judkins
Date Started: 1/22/16 Date Finished: 1/22/16
VTSPG NAD83: N 740229.35 ft E 1465106.36 ft
Station: 104+48.47 Offset: -70.20
Ground Elevation: 311.6 ft

Type: _____
I.D.: _____
Hammer Wt: _____
Hammer Fall: _____
Hammer/Rod Type: _____
Rig: CME 45C TRACK

Casing: H.S.A.
Sampler: SS
3.25 in
1.5 in
N.A.
140 lb.
N.A.
30 in.
Auto/AWJ
C_s = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
01/22/16		No W.T. observed

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5		A-4, SaSi, brn, Moist, Rec. = 1.0 ft, Lab Note: Grass and grass roots were within sample.	3-4-3-3 (7)	20.8	5.8	38.2	56.0		
		A-4, SiSa, brn, Moist, Rec. = 1.6 ft, Lab Note: Grass and grass roots were within sample.	5-7-5-9 (12)	19.0	11.6	50.1	38.3		
		A-4, SaSi, brn, Moist, Rec. = 1.5 ft	5-6-7-7 (13)	18.5	2.2	39.4	58.4		
		A-4, SiSa, brn, Wet, Rec. = 0.2 ft	10-7-8-8 (15)	38.0	0.5	58.9	40.6		
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	6-9-12-14 (21)	22.8	0.7	37.6	61.7		
10		A-4, SaSi, brn, Moist, Rec. = 1.8 ft	10-15-14-13 (29)	20.3	0.9	27.2	71.9		
15		A-7-6, Cl, gry, Moist, Rec. = 1.8 ft	2-1-2-1 (3)	48.9	0.7	2.8	96.5	57	34
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft, Material from Triaxial T-208 tube Sample "A"		42.4	6.9	6.4	86.7	54	31
		A-7-6, Cl, gry, Moist, Material from Triaxial T-208 tube Sample "B"		53.3	1.0	3.2	95.8	65	38
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft, Material from Triaxial T-208 tube Sample "D"		46.6	1.1	3.2	95.7	65	38
25		Hole stopped @ 24.2 ft							
		Remarks: Could not penetrate further than 24.2 feet with augers. Hole Collapsed at 5.2 feet.							

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_s 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 COLCHESTER STPG 5600(17).GPJ VERMONT AOT.GDT 3/24/16