



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

BORING LOG

Colchester
STPG 5600(17)
US 2

Boring No.: **B-102**

Page No.: 1 of 1

Pin No.: 13d436

Checked By: END

Boring Crew: Hook, Judkins, Garrow
Date Started: 1/26/16 Date Finished: 1/26/16
VTSPG NAD83: N 740276.35 ft E 1465257.84 ft
Station: 105+41.87 Offset: 57.90
Ground Elevation: 312.5 ft

Casing Sampler
Type: H.S.A. SS
I.D.: 3.25 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 45C TRACK C_r = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
01/26/16	22.1	W.T. after drilling

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. = 0.9 ft	1-3-3-4 (6)	21.1	1.3	26.5	72.2		
		A-4, SaSi, brn, Moist, Rec. = 1.2 ft	3-2-4-5 (6)	23.5	0.3	20.0	79.7		
		A-4, Si, brn-gry, Moist, Rec. = 1.6 ft, Lab Note: Thin layers of clay were within sample. Sample tested non-plastic.	5-7-6-7 (13)	22.5		3.9	96.1		
		A-4, Si, gry-brn, Moist, Rec. = 1.7 ft, Lab Note: A very small amount of clay was within sample. Sample tested non-plastic.	3-5-8-10 (13)	20.7	0.2	9.1	90.7		
		A-4, Si, gry-brn, Moist, Rec. = 1.5 ft, Lab Note: A very small amount of clay was within sample. Sample tested non-plastic.	5-12-14-10 (26)	19.2		15.3	84.7		
10		A-4, SiSa, brn, MTW, Rec. = 1.4 ft	7-11-15-22 (26)	24.6		53.3	46.7		
15		A-4, Si, gry-brn, Moist, Rec. = 1.0 ft	4-5-7-7 (12)	21.7	0.1	8.6	91.3		
		A-7-6, Cl, gry, Moist, Rec. = 1.0 ft		45.4	1.1	9.7	89.2	59	35
		Visual Description: Cl, gry, Moist, Rec. = 2.0 ft, Pushed 3"x30" Shelby Tube.							
20		A-7-6, Cl, gry-brn, Moist, Rec. = 0.8 ft	4-9-10-10 (19)	36.0	5.4	8.8	85.8	42	23
		A-4, SaSi, gry, Moist, Rec. = 1.0 ft		10.8	10.6	24.9	64.5		
25		Hole stopped @ 23.8 ft							
		Remarks: Could not penetrate further than 23.8 feet with augers. Hole Collapsed at 8.4 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 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