



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

BORING LOG

Colchester  
 STPG 5600(17)  
 US 2

Boring No.: **B-105**  
 Page No.: 1 of 1  
 Pin No.: 13d436  
 Checked By: END

Boring Crew: Hook, Judkins, Garrow  
 Date Started: 1/25/16 Date Finished: 1/25/16  
 VTSPG NAD83: N 740156.95 ft E 1465225.09 ft  
 Station: 104+18.29 Offset: 65.50  
 Ground Elevation: 310.6 ft

Type: H.S.A. Sampler 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<sub>c</sub> = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
01/25/16	29.0	No Water to Depth

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. = 1.3 ft, Lab Note: Grass and grass roots were within sample.	5-3-4-4 (7)	30.2	1.5	21.4	77.1		
		A-4, Si, brn, Moist, Rec. = 1.8 ft, Lab Note: Rust colored layers were within sample.	5-5-7-8 (12)	21.6	0.2	3.4	96.4		
		A-4, Si, brn, Moist, Rec. = 2.0 ft	3-5-11-13 (16)	22.9	0.1	4.0	95.9		
		A-4, Si, brn, Moist, Rec. = 2.0 ft, Lab Note: Rust colored layers were within sample.	5-10-12-19 (22)	18.1	0.1	5.1	94.8		
		A-4, Si, brn, Moist, Rec. = 1.5 ft	10-14-16-16 (30)	16.3		4.5	95.5		
		A-4, Si, gry, Moist, Rec. = 0.5 ft	8-8-10-11 (18)	15.5		1.4	98.6		
10		A-4, Si, gry, Moist, Rec. = 1.8 ft, Lab Note: Sample contained very hard layers after drying, possibly clay. Sample tested non-plastic.	8-8-10-11 (18)	15.8		6.7	93.3		
15		A-4, Si, gry, Moist, Rec. = 1.6 ft	5-6-10-20 (16)	16.7		9.8	90.2		
20		A-4, Si, gry, Moist, Rec. = 1.8 ft	4-5-7-10 (12)	19.9		2.8	97.2		
25		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft	1-1-2-3 (3)	48.8	1.4	3.0	95.6	54	29
		Visual Description: Cl, gry, Moist, Rec. = 2.0 ft, Pushed 3"x30" Shelby Tube.							
30		Hole stopped @ 29.0 ft							
		Remarks: Hole Collapsed at 5.8 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