



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

BORING LOG

Williston-Essex  
 STP SGNL(46)  
 VT 2A

Boring No.: B-104  
 Page No.: 1 of 1  
 Pin No.: 15t017  
 Checked By: ZMH

Boring Crew: GARROW, JUDKINS, HOOK  
 Date Started: 3/31/16 Date Finished: 4/05/16  
 VTSPG NAD83: N 732006.80 ft E 1486848.13 ft  
 Station: 200+64.80 Offset: 40.40  
 Ground Elevation: 499.5 ft

Casing: WB Sampler: SS  
 Type: WB SS  
 I.D.: 4 in 1.5 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 55 TRACK CE = 1.41

Groundwater Observations		
Date	Depth (ft)	Notes
04/06/16	17.3	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-a, SaGr, gry-brn, Moist, Rec. = 0.7 ft, Lab Note: Broken rock and plant material was within sample.	1-4-6-12 (10)	6.1	62.1	24.2	13.7
		A-1-a, SaGr, gry-brn, Moist, Rec. = 0.9 ft, Lab Note: Broken rock was within sample.	6-14-21-7 (35)	2.2	69.1	22.2	8.7
10		A-3, Sa, brn-gry, Moist, Rec. = 1.2 ft, Lab Note: Broken rock was within sample. Field Note:, Cleaned out casing	7-5-5-6 (10)	5.8	16.8	73.0	10.2
		A-1-b, SaGr, brn-gry, Moist, Rec. = 1.3 ft, Lab Note: Broken rock was within sample. Field Note:, Cleaned out casing	8-6-6-7 (12)	9.4	50.3	39.5	10.2
		A-1-b, SaGr, gry-brn, Moist, Rec. = 1.4 ft, Lab Note: Broken rock and a trace of clay was within sample. Sample tested non-plastic. Field Note:, Cleaned out casing	5-6-14-18 (20)	9.8	49.2	32.3	18.5
		A-1-a, SaGr, gry, Moist, Rec. = 1.2 ft, Lab Note: Broken rock and a trace of clay was within sample. Sample tested non-plastic.	13-15-11-10 (26)	10.0	63.2	26.0	10.8
15		Field Note:, Cleaned out casing					
		A-1-b, SiSaGr, gry, Moist, Rec. = 0.5 ft, Lab Note: A trace of clay was within sample. Sample tested non-plastic.	7-11-16-16 (27)	10.7	43.4	32.5	24.1
		Field Note:, Cleaned out casing					
20		A-4, SaGrSi, gry, Moist, Rec. = 1.5 ft, Lab Note: A trace of clay was within sample. Sample tested non-plastic.	38-28-R@6.0" (R)	10.5	30.5	24.6	44.9
		Field Note:, Cleaned out casing					
25		Hole stopped @ 24.8 ft					
		Remarks: Hole Collapsed at 16.3 feet.					

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
 <<SUB>><<SUB>> 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.

2010 COPY 2 WILLISTON-ESSEX STP SGNL(46).GPJ VERMONT AOT.GDT 1/11/17