



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

BORING LOG

Richmond  
 BF 0284(28)  
 US-2 Br #32

Boring No.: B-102  
 Page No.: 1 of 1  
 Pin No.: 13c070  
 Checked By: CEE

Boring Crew: HOOK, GARROW, NIETO  
 Date Started: 9/11/15 Date Finished: 9/14/15  
 VTSPG NAD83: N 690793.88 ft E 1522677.90 ft  
 Station: 272+20 Offset: -22.70  
 Ground Elevation: 316.8 ft

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 45C SKID C = n/a

Groundwater Observations		
Date	Depth (ft)	Notes
09/14/15	8.0	Before drilling,

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-2-4, GrSiSa, brn-Lt/brn, Moist, Rec. = 1.4 ft, Lab Note: Grass roots and wood fiber was within sample.	WH-1-2-3 (3)	8.3	30.5	53.7	15.8
		A-1-b, SaGr, brn, Moist, Rec. = 10.0 ft	1-2-4-3 (6)	6.1	48.5	36.1	15.4
10		A-2-4, SiSa, brn, Moist, Rec. = 1.1 ft	2-4-2-5 (6)	18.7	12.8	61.2	26.0
		No Recovery, 6.0 ft - 8.0 ft	5-7-8-14 (15)				
15		A-1-a, SaGr, Lt/brn, Moist, Rec. = 0.6 ft	6-10-11-8 (21)	10.1	57.7	31.6	10.7
		Field Note:., Cleaned out casing. No Recovery, 10.0 ft - 12.0 ft	5-3-2-1 (5)				
20		A-2-4, GrSa, brn, MTW, Rec. = 0.4 ft	1-2-2-3 (4)	23.9	20.4	60.8	18.8
		No Recovery, 14.0 ft - 16.0 ft	3-2-1-1 (3)				
25		No Recovery, 16.0 ft - 18.0 ft	1-2-1-4 (3)				
		A-1-b, SaGr, brn-Lt/brn, Moist, Rec. = 1.3 ft	2-4-6-6 (10)	12.5	49.4	40.4	10.2
30		Field Note:., Cleaned out casing. A-2-4, Sa, Lt/brn, Moist, Rec. = 1.2 ft	3-2-4-5 (6)	21.1	4.9	78.7	16.4
		No Recovery, 30.0 ft - 32.0 ft	WH-3-3-5 (6)				
35		A-3, Sa, brn, Moist, Rec. = 1.3 ft	1-4-4-5 (8)	21.2	4.8	89.4	5.8
		Visual Description:., SaSi, brn, Moist, Rec. = 0.1 ft, Lab Note: Possible thin layer of clay. Insufficient sample size for testing.	1-6-6-9 (12)	35.0			
42.0	Hole stopped @ 42.0 ft						
45	Remarks: Hole Collapsed at 32.0 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 RICHMOND BF0284(28).GPJ VERMONT AOT.GDT 11/12/15