



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-101**

Page No.: 1 of 1

Pin No.: 13c070

Checked By: CEE

Boring Crew: GARROW, NIETO  
Date Started: 9/15/15 Date Finished: 9/15/15  
VTSPG NAD83: N 690754.92 ft E 1522623.11 ft  
Station: 271+70 Offset: 22.00  
Ground Elevation: 312.3 ft

Casing: WB Sampler: SS  
Type: WB 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
09/15/15	4.1	After Drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-a, SaGr, blk-brn, Moist, Rec. = 1.0 ft, Lab Note: A lot of asphalt pavement and some wood fiber was within sample.	2-9-8-7 (17)	9.4	73.0	24.3	2.7
		A-1-a, SaGr, gry, Moist, Rec. = 0.7 ft	14-7-9-4 (16)	12.4	66.1	26.4	7.5
10		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft	5-2-1-3 (3)	21.0	24.6	62.9	12.5
		No Recovery, 6.0 ft - 8.0 ft Field Note:., Cleaned out casing.	6-2-2-1 (4)				
15		A-2-4, SiSa, gry, Moist, Rec. = 0.8 ft, Lab Note: Sample tested Non-Plastic.	2-2-2-3 (4)	23.4	7.8	68.9	23.3
		A-1-b, Sa, gry, Moist, Rec. = 0.7 ft	3-2-2-4 (4)	18.9	11.1	80.0	8.9
		A-1-b, Sa, gry, Moist, Rec. = 0.8 ft	2-2-2-3 (4)	18.6	13.8	77.0	9.2
20		No Recovery, 14.0 ft - 16.0 ft	4-4-3-4 (7)				
25		A-1-a, SaGr, gry, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.	13-7-10-6 (17)	8.9	67.6	24.3	8.1
30		A-2-4, Sa, Lt/brn-gry, Moist, Rec. = 1.0 ft	5-3-3-4 (6)	20.5	19.5	63.3	17.2
35		A-3, Sa, Lt/brn, Moist, Rec. = 1.0 ft	4-4-5-6 (9)	22.2		92.1	7.9
		No Recovery, 35.0 ft - 37.0 ft	4-7-4-6 (11)				
Hole stopped @ 37.0 ft							
40		Remarks: Hole Collapsed at 4.2 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 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