



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

BORING LOG

**GUILFORD**  
**BF 0113(68)**  
**US-5 BR-5**

Boring No.: **B-103**  
Page No.: 1 of 1  
Pin No.: 13C064  
Checked By: CEE

Boring Crew: GARROW, WHITLOCK, NIETO  
Date Started: 10/20/14 Date Finished: 10/21/14  
VTSPG NAD83: N 115447.99 ft E 1620320.83 ft  
Station: 3+89 Offset: -9.70  
Ground Elevation: 398.9 ft

Casing Type: WB Sampler: 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 TRACK C<sub>s</sub> = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.65 ft								
		A-1-b, SiGrSa, brn-gry, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.				25-13-11-7 (24)	7.5	28.9	48.0	23.1
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				4-2-10-6 (12)	19.5	24.5	54.8	20.7
5		A-2-4, SiGrSa, brn, Moist, Rec. = 0.6 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				2-5-2-2 (7)	10.7	28.9	47.5	23.6
		Visual Description:, Broken Rock, gry, Moist, Rec. = 0.4 ft, NXDC, Cleaned out casing.				2-4-5-11 (9)	5.1			
10		A-1-a, SaGr, gry-brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock & some Weathered Rock were within sample.				5-4-7-7 (11)	11.9	56.3	32.3	11.4
		A-1-a, SaGr, gry, Moist, Rec. = 1.3 ft, Lab Note: Very soft Broken Rock pieces & some Weathered Rock were within sample.				19-22-27-30 (49)	7.5	57.0	30.7	12.3
		Visual Description:, Very Weathered Rock, gry, Moist, Rec. = 0.6 ft				35-R@1.0" (R)	14.9			
15		Field Note:, NXDC, Cleaned out casing.								
		Field Note:, No Recovery								
		15.1 ft - 20.1 ft, Dark-gray to black, Pyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Fair rock, NXMDC, Black Phyllite beds very contorted. RMR = 46	1 (70)	88 (60)	3					
20					3					
					3					
					6					
					3					
					6					
25		20.1 ft - 25.1 ft, Dark-gray to black, Pyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 46	2 (45)	100 (70)	3					
					3					
					3					
					6					
					4					
Hole stopped @ 25.1 ft										

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 GUILFORD BF 0113(68).GPJ VERMONT AOT.GDT 11/12/14