



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

BORING LOG

PITTSFORD  
 BF 019-3(59)  
 US-7 BR-108

Boring No.: **B-104**  
 Page No.: 1 of 1  
 Pin No.: 13B266  
 Checked By: MLM

Boring Crew: JUDKINS, HOOK, HULBERT  
 Date Started: 6/04/15 Date Finished: 6/04/15  
 VTSPG NAD83: N 438231.26 ft E 1505222.53 ft  
 Station: 53+83 Offset: 14.70  
 Ground Elevation: 425.7 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<sub>1</sub> = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5		A-1-a, SaGr, brn-Lt/brn, Moist, Rec. = 0.8 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				5-8-3-4 (11)	6.6	60.7	26.2	13.1
		A-1-a, GrSa, Dk/brn, Moist, Rec. = 0.8 ft, NXDC, Cleaned out casing.				5-8-4-14 (12)	13.4	33.4	47.3	19.3
5.0		Field Note: No Recovery, NXDC, Cleaned out casing.				13-7-5-5 (12)				
7.5		A-1-b, SaGr, brn, MTW, Rec. = 0.9 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				21-22-28-R@5.0" (50) R@1.0"	11.5	61.8	21.1	17.1
8.1		Field Note: No Recovery 8.1 ft - 11.6 ft, Light gray, Massive DOLOMITIC MARBLE, Brown and orange staining along joints. Hard, Very slightly weathered, Fair rock, NXMDC, RMR = 48	1 (-)	66 (50)	6	Top of Bedrock @ 8.1 ft				
10.0					5					
12.5		11.6 ft - 13.1 ft, Light gray, Massive DOLOMITIC MARBLE, Orange staining on joints. Hard, Very slightly weathered, Fair rock, NXMDC, RMR = 43	2 (-)	24 (33)	2					
15.0		13.1 ft - 18.1 ft, Light gray, Massive DOLOMITIC MARBLE, Orange and brown staining on joints. Hard, Very slightly weathered, Fair rock, NXMDC, RMR = 43	3 (-)	100 (42)	5					
17.5					3					
20.0					3					
22.5					3					
Hole stopped @ 18.1 ft										
Remarks: 1. Boring was performed through bridge deck. 2. Ground elevation represents the ground surface elevation. 3. Boring log begins at the ground surface.  Top of Bridge Deck Data: 1. Asphalt Pavement 0.0'-0.15' 2. Concrete 0.15'-0.85' 3. Bottom of deck to ground surface = 12.15 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 PITTSFORD BF 019-3(59).GPJ VERMONT AOT.GDT 6/30/15