



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-103**
Page No.: 1 of 1
Pin No.: 13B266
Checked By: MLM

Boring Crew: JUDKINS, HOOK, HULBERT
Date Started: 6/10/15 Date Finished: 6/10/15
VTSPG NAD83: N 438217.03 ft E 1505190.68 ft
Station: 53+90 Offset: -19.50
Ground Elevation: 425.3 ft

Casing Type: WB
Sampler Type: 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_r = 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-b, SiSaGr, Dk/brn, MTW, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				WH-5-7-3 (12)	12.1	51.0	26.7	22.3
2.5		A-2-4, SaSiGr, Dk/brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.				2-2-2-2 (4)	15.0	37.1	31.3	31.6
5.0		Visual Description:, Broken Rock with sand, gry, Moist, Rec. = 0.1 ft				R@6.0"	11.1			
5.0		4.5 ft - 9.5 ft, Light gray, Massive DOLOMITIC MARBLE, with brown staining along joint surfaces. Hard, Very slightly weathered, Fair rock, NXMDC, Vertical joint at 5.5'-7.2', RMR = 43	1 (-)	94 (30)	5					
7.5					4					
7.5					4					
7.5					6					
7.5					5					
10.0		9.5 ft - 14.5 ft, Light gray, Massive DOLOMITIC MARBLE, with brown and orange staining along joint surfaces. Hard, Very slightly weathered, Fair rock, NXMDC, RMR = 45	2 (-)	92 (43)	3					
10.0					9					
12.5					6					
12.5					5					
12.5					8					
15.0	Hole stopped @ 14.5 ft									
17.5	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'-0.3' 2. Concrete 0.3'-0.9' 3. Bottom of deck to ground surface = 12.7 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_r 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