



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

BORING LOG

Weybridge-New Haven
BF 032-1(19)
VT 17 Br. #8

Boring No.: **B-107A**

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Pin No.: 12b552

Checked By: END

Boring Crew: Gomes, Judkins, Olden
 Date Started: 12/06/16 Date Finished: 12/07/16
 VTSPG NAD83: N 578973.13 ft E 1444279.24 ft
 Station: 104+87.00 Offset: 7.00
 Ground Elevation: 155.1 ft

Casing: 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 SKID CE = 1.42

Groundwater Observations		
Date	Depth (ft)	Notes
12/07/17	20.4	W.T. after drilling

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 %
0		Asphalt Pavement, 0.0 ft - 0.1 ft								
0.1		Concrete, 0.1 ft - 1.25 ft, (Bridge Deck)								
5										
10										
15										
20		Field Note:, Top of Water								
21.9		Concrete, 21.9 ft - 24.5 ft, (Footing)								
24.5		24.5 ft - 29.5 ft, Blue gray, Interbedded META-LIMESTONE, and DOLOMITE with calcite veins. Faint orange/yellow staining along joints. Hard, Very slightly weathered, Fair rock, NX, RMR=48	1 (50)	84 (61)	7	Top of Bedrock @ 24.5 ft				
25					6					
26					6					
27					5					
28					3					
29.5		29.5 ft - 34.5 ft, Dark-gray to black, Interbedded calcareous-sulfidic-SHALE, and DOLOMITE with calcite veins. Sub-vertical joint from 29.5 feet to 30.2 feet. Faint rust and brown/gray coating on joints.. Moderately hard to hard, Slightly weathered, Fair rock, NX, RMR=50	2 (60)	84 (83)	6					
30					6					
31					6					
32					6					
33					7					
34.5		Hole stopped @ 34.5 ft								
		Remarks: 1. Backfilled hole with cement grout to top of footing.								

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 <<SUB>><<SUB>> 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 WETBRIDGE-NEW HAVEN BF032-1(19).GPJ - VERMONT DOT - GDT - 12/07/17