



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

BORING LOG

**NEWFANE  
BF 0106(6)  
TH-2 BR-12**

Boring No.: **B-101**

Page No.: 1 of 1

Pin No.: 13J306

Checked By: TDE

Boring Crew: JUDKINS, HOOK  
Date Started: 6/24/15 Date Finished: 6/29/15  
VTSPG NAD83: N 163305.11 ft E 1593357.33 ft  
Station: 40+24 Offset: 0.27LT  
Ground Elevation: 521.55 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 55 TRACK C<sub>r</sub> = 1.46

Groundwater Observations

Date	Depth (ft)	Notes

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 %
0.0 - 0.75		Asphalt Pavement, 0.0 ft - 0.75 ft								
0.75 - 1.1		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft				15-22-12-8 (34)	9.0	36.6	47.4	16.0
1.1 - 1.4		Field Note: Cleaned out with roller cone								
1.4 - 1.7		Visual Description: Broken Rock with sand, red-brn, MTW, Rec. = 0.3 ft				2-2-2-5 (4)	9.6			
1.7 - 2.4		Field Note: NXDC, Cleaned out casing. Appears to be Concrete and Broken Rock								
2.4 - 3.1		A-1-a, SaGr, Lt/gry, Moist, Rec. = 0.7 ft				19-35-R@0.0" (R)	11.5	44.4	40.5	15.1
3.1 - 3.4		Field Note: NXDC, Cleaned out casing. Appears to be Concrete and Broken Rock								
3.4 - 3.7		Field Note: Appears to be Concrete & Broken Rock				R@1.0" (R)				
3.7 - 4.1		Field Note: NXDC, Cleaned out casing. Appears to be Concrete and Broken Rock								
4.1 - 4.4		Field Note: No Movement				R@1.0" (R)				
4.4 - 4.8		Field Note: Cleaned out casing, NXDC								
4.8 - 22.8		22.8 ft - 27.8 ft, Fill & Concrete. NXMDC	1	20	3					
22.8 - 27.8		27.8 ft - 32.8 ft, Dark gray, To black porphyritic AMPHIBOLITE, with rust staining on joints. Hard, Very slightly weathered, Poor rock, NXMDC, RMR = 22	2 (75)	20 (0)	2					
27.8 - 32.8		32.8 ft - 37.8 ft, Dark gray, To black porphyritic AMPHIBOLITE, with rust staining on joints. Hard, Very slightly weathered, Fair rock, NXMDC, RMR = 43	3 (75)	96 (71)	2					
32.8 - 37.8		Hole stopped @ 37.8 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 NEWFANE BF 0106(6), GPJ, VERMONT AOT, GDT, 7/30/15