



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-103**

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Pin No.: 13J306

Checked By: TDE

Boring Crew: JUDKINS, HOOK
Date Started: 6/22/15 Date Finished: 6/25/15
VTSPG NAD83: N 163233.47 ft E 1593434.43 ft
Station: 41+25 Offset: 5.29LT
Ground Elevation: 521.01 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 55 TRACK C_r = 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 - 0.68		Asphalt Pavement, 0.0 ft - 0.68 ft								
0.68 - 1.2		A-1-b, GrSa, brn, Moist, Rec. = 1.2 ft				12-10-22-9 (32)	7.4	43.7	44.4	11.9
1.2 - 5.0		Field Note:, NXDC, Cleaned out casing								
5.0 - 9.3		Visual Description:, Broken Rock (washed), orange-brn, Moist, Rec. = 0.4 ft				5-1-2-1 (3)	5.5			
9.3 - 10.0		Field Note:, Cleaned out casing, NXDC								
10.0 - 11.2		Visual Description:, Concrete & Broken Rock pieces, gry, Moist, Rec. 0.1 ft				R@1.0" (R)				
11.2 - 16.2		11.2 ft - 16.2 ft, Concrete, steel, and rock fill. NXMDC	1	82	5					
16.2 - 16.8		16.2 ft - 16.8 ft, Rock fill. NXMDC			2					
16.8 - 18.2		16.8 ft - 18.2 ft, Concrete			2					
18.2 - 19.3		18.2 ft - 19.3 ft, Rock fill			5					
19.3 - 19.6		19.3 ft - 19.6 ft, Concrete			5					
19.6 - 21.2		19.6 ft - 21.2 ft, Rock fill			3					
21.2 - 22.1		21.2 ft - 22.1 ft, Concrete & Rock			5					
22.1 - 23.7		22.1 ft - 23.7 ft, Concrete filled joints and rock	3		2					
23.7 - 27.1		NXMDC 23.7 ft - 27.1 ft, Gray, AMPHIBOLITE, with 80-85 degree dipping joints that have rust and purple staining along surface. Hard, Slightly weathered, Poor rock, RMR = 22	(-)	100 (0)	2					
27.1 - 27.1		Hole stopped @ 27.1 ft			2					
27.1 - 30.0		Remarks: Concrete was encountered at 9.3 ft.			2					
30.0 - 30.0					2					

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