



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-104**

Page No.: 1 of 1

Pin No.: 13J306

Checked By: TDE

Boring Crew: JUDKINS, HOOK, HULBERT
 Date Started: 6/30/15 Date Finished: 6/30/15
 VTSPG NAD83: N 163214.74 ft E 1593445.08 ft
 Station: 41+45.3 Offset: 0.22RT
 Ground Elevation: 521.12 ft

Casing Type: 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 - 0.5		Asphalt Pavement, 0.0 ft - 0.5 ft								
0.5 - 1.1		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft				14-12-8-5 (20)	10.6	38.2	48.0	13.8
1.1 - 5.0		Field Note:, Cleaned out casing with roller cone								
5.0 - 9.0		A-2-4, Sa, Lt/brn, Moist, Rec. = 0.9 ft, Lab Note: Sample was orange colored.				2-2-3-4 (5)	21.4	0.7	80.4	18.9
9.0 - 10.0		Field Note:, NXDC, Cleaned out casing								
10.0 - 15.0		Visual Description:, Severly weathered rock, Lt/brn, Moist, Rec. = 1.7 ft				19-18-17-22 (35)	20.2			
15.0 - 16.9		Field Note:, NXDC, Cleaned out casing								
16.9 - 15.1		Visual Description:, Severly weathered rock, grn-blk, Moist, Rec. = 0.7 ft	1 (-)	100 (0)	3	R@1.0" (R)	14.0			
15.1 - 20.1		15.1 ft - 20.1 ft, Dark gray, Massive AMPHIBOLITE, with vertical rust staining on joints. Hard, Very slightly weathered, Poor rock, NXMDC, RMR = 22			5	Top of Bedrock @ 15.1 ft				
20.1 - 25.1		20.1 ft - 25.1 ft, Dark gray, AMPHIBOLITE, with rust staining on joints. Hard, Slightly weathered, Poor rock, NXMDC, RMR = 29	2 (70-75)	100 (32)	2					
25.1		Hole stopped @ 25.1 ft			3					
25.1		Remarks: Hole collapsed at 16.9 ft.			4					
25.1					4					

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