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-102**
Page No.: 1 of 1
Pin No.: 13J306
Checked By: TDE

Boring Crew: JUDKINS, HOOK
Date Started: 6/25/15 Date Finished: 6/29/15
VTSPG NAD83: N 163291.32 ft E 1593370.76 ft
Station: 40+44 Offset: 0.23LT
Ground Elevation: 521.45 ft

	Casing	Sampler
Type:	WB	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_e = 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 %
		Asphalt Pavement, 0.0 ft - 0.52 ft								
		A-1-b, GrSa, orange-brn, Moist, Rec. = 1.7 ft				30-20-18-12 (38)	6.9	45.5	40.8	13.7
		Field Note:, NXDC, Cleaned out casing								
5		Field Note:, No Recovery, Appears to be gravelly sand				6-3-2-2 (5)				
		Field Note:, NXDC, Cleaned out casing								
10		Visual Description:, Broken Rock with sand, blk-brn, Moist, Rec. = 0.2 ft				R@2.5" (R)	8.7			
		Field Note:, NXDC, Cleaned out casing. Appears to be weathered rock								
15		Visual Description:, Broken Rock with sand, gry-brn, Moist, Rec. = 0.2 ft				R@2.5" (R)	11.7			
		Field Note:, NXDC, Cleaned out casing								
		16.0 ft - 21.0 ft, Light gray, Strongly foliated amphibole-mica-SCHIST, with rust staining on joints. Medium hard, Moderately weathered, Poor rock, NXMDC, RMR = 22	1 (70)	34 (0)	2 2 3 3 3	Top of Bedrock @ 16.0 ft				
20		21.0 ft - 21.6 ft, Tan, Strongly foliated amphibole-mica-SCHIST, with rust on joints. Medium hard, Moderately weathered 21.6 ft - 22.8 ft, Light gray, Strongly foliated amphibole-mica-SCHIST, with rust on joints. Hard, Slightly weathered 22.8 ft - 26.0 ft, Dark gray, Porphyritic AMPHIBOLITE, with rust on joints. Hard, Very slightly weathered, Poor rock, NXMDC, RMR = 36	2 (70-75)	98 (37)	2 2 3 3 3					
25		Hole stopped @ 26.0 ft								

Remarks:
Hole collapsed at 14.0 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_e 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