



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

BORING LOG

GUILFORD
BF 0113(68)
US-5 BR-5

Boring No.: **B-106**
Page No.: **1 of 1**
Pin No.: **13C064**
Checked By: **CEE**

Boring Crew: GARROW, HOOK, NIETO
Date Started: 10/31/14 Date Finished: 10/31/14
VTSPG NAD83: N 115452.99 ft E 1620300.71 ft
Station: 4+00 Offset: -25.80
Ground Elevation: 396.9 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 45C SKID C_e = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
10/31/14	4.9	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 %	
5		NXDC, Cobbles & stones, 11.0 ft NXDC, 12.8 ft									
15		14.4 ft - 17.4 ft, Dark gray, Phyllite & Slate, Moderately hard, Moderately weathered, Poor rock, NXMDC, RMR = 30	1 (?)	20 (0)	3	Top of Bedrock @ 14.4 ft					
20		17.4 ft - 22.4 ft, Light gray, Metasandstone and dark-gray slate and phyllite, Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 46	2 (40)	86 (70)	5 5 7 7 6						
25		Hole stopped @ 22.4 ft Remarks: 1. Hole collapsed at 10.0 ft. 2. No soil samples were taken.									

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 GUILFORD BF 0113(68).GPJ VERMONT AOT.GDT 11/12/14