



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-107
 Page No.: 1 of 1
 Pin No.: 13C064
 Checked By: CEE

Boring Crew: GARROW, DAIGNEAULT, NIETO
 Date Started: 10/30/14 Date Finished: 10/30/14
 VTSPG NAD83: N 115362.41 ft E 1620378.09 ft
 Station: 2+87 Offset: 20.80
 Ground Elevation: 399.1 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 = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
10/30/14	13.1	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 %
0 - 6.0		Gravelly sand, 6.0 ft								
6.0 - 21.0		NXDC, Cobbles, 15.0 ft								
30.5 - 35.5		30.5 ft - 35.5 ft, Black, Phyllite, Moderately hard, Moderately weathered, Poor rock, NXMDC, Highly contorted bedding. RMR = 30	1 (?)	26 (0)	4 5 5 5	Top of Bedrock @ 30.5 ft				
35.5 - 40.5		35.5 ft - 40.5 ft, Black, Phyllite, Moderately hard, Moderately weathered, Poor rock, NXMDC, Highly contorted bedding. RMR = 30	2 (?)	26 (0)	5 7 5 6 6					
40.5 - 41.5		40.5 ft - 41.5 ft, Quartz, vein	3 (?)	38 (0)	9					
41.5 - 45.5		41.5 ft - 45.5 ft, Black, Phyllite, Moderately hard, Moderately weathered, Poor rock, NXMDC, Highly contorted bedding. RMR = 30			7 5 5 5					
45.5 - 50.0		Hole stopped @ 45.5 ft								
50.0 - 55.0		Remarks: 1. Hole collapsed at 5.3 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 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