



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING LOG

HIGHGATE
 STP SCR(12)
 VT-78 BR-10 CULVERT MM2.37

Boring No.: B-104
 Page No.: 1 of 1
 Pin No.: 13C134
 Checked By: CCB

Boring Crew: DAIGNEAULT, HALL
 Date Started: 8/12/13 Date Finished: 8/12/13
 VTSPG NAD83: N 890573.83 ft E 1495753.91 ft
 Station: 125+37 Offset: 12.30
 Ground Elevation: 283.54 ft

Casing Sampler
 Type: WB N.A.
 I.D.: 4 in
 Hammer Wt: N.A. N.A.
 Hammer Fall: N.A. N.A.
 Hammer/Rod Type: _____
 Rig: CME 55 TRACK C. =

Groundwater Observations		
Date	Depth (ft)	Notes
08/12/13	2.3	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0 - 10		0.0 ft - 18.0 ft, Brown sandy water return. Easy drilling. A few to no cobbles.					
10 - 20		18.0 ft - 27.0 ft, Easy drilling. Brown sand & gray silt in area. Gray sandy silt in water return.					
20 - 30		27.0 ft - 32.0 ft, Slow advance of drill. Many spikes in water pressure. Drilling got difficult at 27.0 feet. Most likely Wood was plugging the casing. A lot of Wood in water return.					
30 - 40							
40 - 50		40.0 ft - 46.0 ft, Extremely difficult drilling. Advanced at a very slow pace. Most likely solid rock. Steady rise water pressure.					
50 - 55		Hole stopped @ 46.0 ft In Possible Bedrock.					
55 - 60		Remarks: 1. Boring advanced to determine bedrock depth. 2. Visual description of soil by drilling personnel. 3. Hole collapsed at 36.0 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. 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 HIGHGATE STP SCR(12).GPJ VERMONT AOT.GDT 10/8/13