



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

BORING LOG

**SOUTH BURLINGTON
 STP SCRP(8)
 VT-116 MM 3.48**

Boring No.: **B-102**

Page No.: 1 of 1

Pin No.: 11B220

Checked By: CEE

Boring Crew: GARROW, SALISBURY, DAIGNEAULT
 Date Started: 3/07/13 Date Finished: 3/07/13
 VTSPG NAD83: N 713701.80 ft E 1465850.64 ft
 Station: 183+68 Offset: -76.20
 Ground Elevation: 278.55 ft

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 = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
		None Taken.

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 %
		A-4, SiSa, brn, MTW, Rec. = 1.2 ft				2-1-1-1 (2)	40.1	3.0	59.1	37.9
2.5		A-2-4, GrSiSa, brn, MTW, Rec. = 1.0 ft				1-1-3-3 (4)	30.8	20.5	46.3	33.2
5.0		Visual Description: Mostly Broken Rock with silty sand, brn, MTW, Rec. = 0.5 ft				3-R@2.5" (R)	21.5			
5.0		4.7 ft - 5.5 ft, NXDC, Top of Weathered Bedrock.								Top of Bedrock @ 4.7 ft
7.5		5.5 ft - 10.5 ft, Buff, Dolomitic Marble, Hard, Unweathered, Very good rock, NXMDC, RMR = 84	1 (10)	90 (90)	5					
10.0					6					
					6					
					4					
					5					
		Hole stopped @ 10.5 ft								
12.5										
15.0										
17.5										

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 SOUTH BURLINGTON STP SCRP(8).GPJ VERMONT AOT.GDT 6/19/13