



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-106**
 Page No.: 1 of 1
 Pin No.: 11B220
 Checked By: CEE

Boring Crew: GARROW, SALISBURY, DAIGNEAULT
 Date Started: 3/08/13 Date Finished: 3/08/13
 VTSPG NAD83: N 713782.42 ft E 1465984.15 ft
 Station: 183+09 Offset: 68.10
 Ground Elevation: 278.46 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_r = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
03/08/13	2.5	Casing removed.

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 %	
2.5		A-4, SiSa, brn, MTW, Rec. = 0.5 ft, Leaves and grass were within sample.				1-1-1-1 (2)	88.1	2.5	50.0	47.5	
		A-4, GrSaSi, brn, MTW, Rec. = 0.8 ft, Some Broken Rock was within sample.				1-4-R (R)	28.9	25.1	35.5	39.4	
		3.0 ft - 4.0 ft, NXDC, Top of Weathered Bedrock.				Top of Bedrock @ 3.0 ft					
5.0		4.0 ft - 9.0 ft, White, Calcite Marble, Hard, Unweathered, Very good rock, NXMDC, RMR = 81	1 (40)	100 (88)	6						
					8						
7.5					5						
					5						
10.0		9.0 ft - 14.0 ft, White, Calcite Marble, Hard, NXMDC, Void from 11.2'-12.0'. Remainder of run unweathered. Very poor rock due to void at 11.2 feet. RMR = N/A	2 (40)	80 (56)	4						
					4						
12.5					0						
					4						
		Hole stopped @ 14.0 ft									
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)_GPI VERMONT AOT.GDT 6/19/13