



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

BORING LOG

SOUTH BURLINGTON
 STP SCRPF(8)
 VT-116 MM 3.48

Boring No.: B-103
 Page No.: 1 of 1
 Pin No.: 11B220
 Checked By: CEE

Boring Crew: GARROW, SALISBURY, DAIGNEAULT
 Date Started: 3/06/13 Date Finished: 3/06/13
 VTSPG NAD83: N 713701.00 ft E 1465828.24 ft
 Station: 183+86 Offset: -90.20
 Ground Elevation: 280.75 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
03/06/13	4.7	While 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 %
		Field Note:, NXDC, Cobbles								
5		Visual Description:, Mostly Broken white Rock, white, Moist, Rec. = 0.5 ft				1-6-7-6 (13)	8.3			
		Visual Description:, Mostly Broken Rock with sandy silt, brn, Moist, Rec. = 0.6 ft				4-8-7-4 (15)	11.6			
		Visual Description:, Mostly Broken Rock, Dk/brn, Moist, Rec. = 0.8 ft				2-3-3-2 (6)	27.6			
		Visual Description:, Mostly Broken Rock with sandy silt, brn, Moist, Rec. = 0.3 ft				5-R@5.0" (R)	10.7			
10		9.0 ft - 10.5 ft, NXDC, Top of Weathered Bedrock.								Top of Bedrock @ 9.0 ft
15		10.5 ft - 15.5 ft, White, Calcite Marble, Hard, Unweathered, Very good rock, NXMDC, RMR = 84	1 (10)	100 (100)	6 5 4 4 4					
20		15.5 ft - 20.5 ft, White, Calcite Marble, Hard, Unweathered, Very good rock, NXMDC, RMR = 84	2 (10)	100 (100)	4 5 5 6 5					
		Hole stopped @ 20.5 ft								
25		Remarks: 03/07/13, Hole caved in at 4.0 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 SOUTH BURLINGTON STP SCRPF(8).GPJ VERMONT AOT.GDT 6/19/13