



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

BORING LOG

BARNARD
 BHF 0241(39)
 VT-12 BR-25

Boring No.: B-102
 Page No.: 1 of 1
 Pin No.: 10C410
 Checked By: NSM

Boring Crew: SALISBURY, GARROW
 Date Started: 5/03/12 Date Finished: 5/03/12
 VTSPG NAD83: N 458462.67 ft E 1605125.39 ft
 Station: 371+43 Offset: 5.90
 Ground Elevation: 885.82 ft

Casing: 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 45C TRACK CE = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
		Collapsed at 14.0 ft.
		Drilled same day.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.8 ft								
		A-1-b, SaGr, brn, Moist, Rec. = 1.3 ft				10-10-10-10 (20)	7.5	47.6	36.6	15.8
		A-1-b, SaGr, brn, Moist, Rec. = 0.9 ft, NXDC				10-7-11-10 (18)	9.4	53.8	31.9	14.3
5		A-1-b, SaGr, brn, Moist, Rec. = 0.5 ft, NXDC				6-7-8-6 (15)	8.3	52.4	28.9	18.7
		Visual Description: Broken Rock with Sand, brn-gry, Moist, Rec. = 0.3 ft, Stone in end of sampler. Insufficient sample for testing. NXDC				10-14-15-7 (29)				
10		Field Note: No Recovery				5-4-4-4 (8)				
		A-2-4, SiSa, brn, Moist, Rec. = 0.8 ft				2-2-1-R@3.5" (3)	17.5	19.9	56.2	23.9
		Field Note: NXDC, Cobbles								
15		A-2-4, SiGrSa, brn, Moist, Rec. = 1.0 ft, NXDC				5-9-15-25 (24)	12.2	30.1	41.6	28.3
		A-4, GrSaSi, brn, Moist, Rec. = 0.4 ft, NXDC				R@5.0"	17.9	28.3	32.0	39.7
20		17.5 ft - 22.5 ft, Light gray, To pale-green schist and feldspathic biotite quartzite Hard, Unweathered to slightly weathered, Fair rock, NXMDC, RMR = 57	1 (85)	96 (48)	3					
					3					
					2					
					3					
					3					
25		22.5 ft - 27.5 ft, Light gray, To pale-green schist and feldspathic biotite quartzite Hard, Unweathered, Good rock, NXMDC, RMR = 69	2 (85)	100 (90)	3					
					4					
					3					
					5					
					3					
		Hole stopped @ 27.5 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. CE is the hammer energy correction factor.
 3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 BARNARD BHF 0241(39).GPJ VERMONT AOT.GDT 6/20/12