



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

BORING LOG

BENNINGTON
BRF 1000(16)S
TH-7 BR-57

Boring No.: B-103
Page No.: 1 of 1
Pin No.: 88J087
Checked By: NSM

Boring Crew: GARROW, SALISBURY
Date Started: 11/16/11 Date Finished: 11/17/11
VTSPG NAD83: N 144050.74 ft E 1452313.75 ft
Station: 8+03.70 Offset: 21.73
Ground Elevation: 613.93 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 45C TRACK CE = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
11/17/11	0.6	AM

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 %
10		Field Note:, NXDC, Boulder								
		Field Note:, No Recovery, Stone in end of sampler				4-5-12-13 (17)				
		Field Note:, NXDC, Cobbles & Gravel								
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft				7-7-7-28 (14)	14.3	34.7	50.5	14.8
		Field Note:, NXDC, Cobbles & Gravel								
		A-4, SaGrSi, gry, Moist, Rec. = 1.2 ft				7-8-10-12 (18)	17.3	26.0	21.8	52.2
20		Field Note:, NXDC, Cobbles & Gravel								
		A-4, SaGrSi, gry, Moist, Rec. = 0.8 ft				3-7-10-17 (17)	11.3	32.7	28.6	38.7
		A-1-b, SaGr, gry, Moist, Rec. = 1.0 ft				8-18-16-13 (34)	10.5	49.1	33.9	17.0
30		Field Note:, NXDC, Boulder								
		Field Note:, No Recovery				2-9-12-17 (21)				
		Field Note:, NXDC, Cobbles								
40		A-4, SaGrSi, gry, Moist, Rec. = 0.6 ft, Weathered rock was within sample.				3-4-12-R@3.5"	19.1	34.5	25.0	40.5
		Field Note:, NXDC, Cobbles								
50		44.8 ft - 46.4 ft, Light gray, Phyllite, and meta-limestone. Moderately hard, Slightly weathered, Poor rock, NXDC, RMR = 22	1 (65)	100 (6)	5					
		46.4 ft - 49.8 ft, Orange and light brown stained gray Phyllite, (may be karst solution feature). Very soft, Moderately severe weathered, Poor rock, RMR = 22			3					
50		49.8 ft - 54.8 ft, Light gray, Phyllite and Meta-Limestone, Moderately hard, Slightly weathered, Good rock, NXDC, Light orange staining on weathered surfaces. RMR = 67	2 (65)	96 (54)	2					
					2					
		Hole stopped @ 54.8 ft			3					

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 BENNINGTON BRF 1000(16)S.GPJ VERMONT AOT.GDT 5/2/12