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-106
Page No.: 1 of 1
Pin No.: 88J087
Checked By: NSM

Boring Crew: GARROW, SALISBURY
Date Started: 3/08/12 Date Finished: 3/20/12
VTSPG NAD83: N 144245.32 ft E 1452208.57 ft
Station: 10+25 Offset: -26.77
Ground Elevation: 630.3 ft

	Casing	Sampler
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 45C TRACK	CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
03/20/12	21.9	AM

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 Class:, SiGr								
		Field Class:, Cobbles								
		Field Class:, Sa								
5		Field Class:, Cobbles, Lost water at 5.0 ft.								
		Field Class:, Gr NXDC								
		Field Class:, GrSa NXDC, Old ground at 15.0 ft.								
10										
15										
		Field Class:, Gr NXDC								
		Field Class:, NXDC, Cobbles								
		Field Class:, Gr NXDC								
20		Field Class:, NXDC, Cobbles								
		Field Class:, Gr								
		Field Class:, Cobbles								
		Field Class:, Gr								
25		Field Note:, Badly fractured rock. Unable to core., Competent rock at 29.0 ft.								
30		29.0 ft – 34.0 ft, Gray to light gray, Meta-Limestone, Moderately hard, Very slightly weathered, Fair rock, NXMDC, Closely spaced jointing. RMR = 44	1 (10)	100 (26)	5 6 4 3 4	Top of Bedrock @ 29.0 ft				
35		34.0 ft – 39.0 ft, Light gray, Meta-Limestone, Moderately hard, Very slightly weathered, Fair rock, NXMDC, Closely spaced jointing. RMR = 49	2 (10)	86 (70)	4 4 5 6 8					
40		Hole stopped @ 39.0 ft								
45										

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