

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-106					
				BENNINGTON BRF 1000(16)S TH-7 BR-57		Page No.: 1 of 1					
						Pin No.: 88J087					
						Checked By: NSM					
Boring Crew: GARROW, SALISBURY		Casing	Sampler	Groundwater Observations							
Date Started: 3/08/12	Date Finished: 3/20/12	Type: WB	SS	Date	Depth (ft)	Notes					
VTSPG NAD83: N 144245.32 ft E 1452208.57 ft		I.D.: 4 in	1.5 in	03/20/12	21.9	AM					
Station: 10+25	Offset: -26.77	Hammer Wt: N.A.	140 lb.								
Ground Elevation: 630.3 ft		Hammer Fall: N.A.	30 in.								
		Hammer/Rod Type: Auto/AWJ									
		Rig: CME 45C TRACK	C _r = 1.34								
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		Field Class.: SiGr									
		Field Class.: Cobbles									
		Field Class.: Sa									
		Field Class.: Cobbles, Lost water at 5.0 ft.									
		Field Class.: Gr NXDC									
10		Field Class.: GrSa NXDC, Old ground at 15.0 ft.									
15											
20		Field Class.: Gr NXDC									
		Field Class.: NXDC, Cobbles									
		Field Class.: Gr NXDC									
		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					
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											

BOTTOM OF
ABUT. NO. 2
ELEV. = 622.25

APPROX. PILE TIP
ABUT. NO. 2
ELEV. = 601.30

BORING LOG 2 BENNINGTON BRF 1000(16)S.GPJ VERMONT AOT.GDT 4/4/12

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_r 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.

PROJECT NAME:	BENNINGTON
PROJECT NUMBER:	BRF 1000(16)
FILE NAME:	z88J087bdr_Blogs.dgn
PROJECT LEADER:	R. HEBERT
DESIGNED BY:	D. MYERS
BORING LOGS	4
PLOT DATE:	8/7/2014
DRAWN BY:	S. MORGAN
CHECKED BY:	R. HEBERT
SHEET	33 OF 75