



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

BORING NUMBER: B-102  
SHEET 1 of 1  
DATE STARTED: 11/07/06  
DATE COMPLETED: 11/13/06

PROJECT NAME: CHESTER  
SITE NAME: VT 103  
STATION: 25+57.14  
OFFSET: 20.33  
VTSPG: N 275889.36 ft E 1618144.32 ft

PROJECT NUMBER: BRF 025-1(28)S  
SITE NUMBER: BR 8  
GROUND ELEVATION: 577.89 ft  
GROUNDWATER DEPTH: 7.1 ft 11/09/06  
PROJECT PIN NUMBER: 84E061

BORING CREW  
CREW CHIEF: GARROW  
DRILLER: GARROW  
LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		A-2-4, SiSa, brn, Moist, Rec. = 0.3 ft	3	16.9	6.9	71.9	21.2
		NXDC, Cobbles, 2.1 ft - 4.9 ft					
5		Visual Class, Broken Rock with sand, brn, Wet, Rec. = 0.5 ft	38	10.0			
		NXDC, Cobbles, Cleaned out casing, 6.4 ft - 8.9 ft					
		Wood, 8.9 ft - 9.8 ft, Used roller core bit.					
10		Field Class, A-1-b, Sa Gr, gry, Wet, Rec. = 0.5 ft, Insufficient sample for testing.	41	9.6			
		NXDC, Boulders, Cleaned out casing, 11.8 ft - 16.0 ft					
		A-4, SaSi, gry, Moist, Sample retrieved from core barrel.		9.1	3.9	43.9	52.2
20		No Recovery, 19.7 ft - 20.2 ft	R				
						Top of Bedrock @ 21.7 ft	
		Gray-white, Layered Biotite-Quartz-Plagioclase Gneiss, Competent, Dip runs from 0 to 80., Hard, Unweathered, NXMDC, 21.7 ft - 22.4 ft, Rec. = 2.8 ft	1	97	81	80	5
		White-gray, Quartz-Biotite-Plagioclase Gneiss, Quartz rich, Competent., Hard, Unweathered, 22.4 ft - 24.6 ft					5
25		White-gray, Quartz-Biotite-Plagioclase Gneiss, Quartz rich, Competent, Dip runs from 0 to 80., Hard, Unweathered, NXMDC, 24.6 ft - 26.6 ft, Rec. = 4.9 ft	2	100	95	80	6
		Gray-white, Biotite-Quartz-Plagioclase Gneiss, Competent., Hard, Unweathered, 26.6 ft - 28.9 ft					7
		White-gray, Quartz-Biotite-Plagioclase Gneiss, Quartz rich, Competent., Hard, Unweathered, 28.9 ft - 29.5 ft					7
30		White-gray, Quartz-Biotite-Plagioclase Gneiss, Quartz rich, Competent., Hard, Unweathered, NXMDC, 29.5 ft - 31.5 ft, Rec. = 1.4 ft	3	70	73	40	5
		Hole stopped @ 31.5 ft					6

LOG OF BORING CHESTER BRF 025-1(28)S.GPJ VT AOT.GDT 12/15/08