



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

BORING NUMBER: B-203
 SHEET 1 of 1
 DATE STARTED: 5/04/05
 DATE COMPLETED: 5/05/05

PROJECT NAME: MIDDLEBURY PROJECT NUMBER: BRF 0161(9)
 SITE NAME: VT 30 SITE NUMBER: BR 102
 STATION: 4614+94 GROUND ELEVATION: 357.14 ft
 OFFSET: 15.00 GROUNDWATER DEPTH: No Water 5/05/05
 VTSPG: N 552528.51 ft E 1464707.40 ft PROJECT PIN NUMBER: 98B258

BORING CREW BORING RIG: SMALL SKID RIG
 CREW CHIEF: HOLT BORING TYPE: WASH BORE
 DRILLER: GARROW SAMPLE TYPE: SPLIT BARREL
 LOGGER: PUALWAN CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)		
		Visual Class: Topsoil, blk, Moist, Rec. = 0.5 ft, 0.0 ft - 2.0 ft	4	24.1					
		A-4, SaSi, brn, Moist, Rec. = 0.5 ft	7	22.9	10.1	26.5	63.4	18	2
5		No Sample, 4.0 ft - 6.0 ft, Rock lodged in sampler	12						
		A-4, GrSiSa, brn, Moist, Rec. = 0.3 ft	9	10.6	23.3	39.8	36.9		
		A-4, SaSi, brn, Moist, Rec. = 0.9 ft	18	9.4	16.6	37.4	46.0		
10		A-4, SaSi, gry, Moist, Rec. = 1.1 ft	28	8.0	12.8	39.0	48.2		
		A-1-a, SaGr, gry, Moist, Rec. = 1.5 ft	67	6.7	60.1	26.5	13.4		
15		13.6 ft - 24.2 ft, Advanced casing, Encountered lots of Cobble material							
20									
25		24.2 ft - 26.2 ft, Cleaned out casing							
				Top of Bedrock @ 26.2 ft					
		Gray, Limestone, with minor calcite veins, Competent, Moderately hard, Unweathered, BXMDC, 26.2 ft - 31.2 ft, Rec. = 5.0 ft	1	100	86		9		
30							9		
							10		
							10		
							10		
35		Gray, Limestone, with minor calcite veins, Competent, Moderately hard, Unweathered, BXMDC, 31.2 ft - 36.2 ft, Rec. = 5.0 ft	2	100	78		10		
							10		
							11		
							10		
							10		
		Hole stopped @ 36.2 ft							

LOG OF BORING MIDDLEBURY BRFD161(9).GPJ VT AOT.GDT 6/25/09