

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
MATERIALS & RESEARCH DIVISION  
SUBSURFACE INFORMATION**

HOLE NO.: B-1  
SHEET 1 OF 1  
DATE STARTED: 5/23/02  
DATE COMPLETED: 5/28/02

PROJECT NAME: BETHEL  
SITE NAME: BR 31  
STATION: 3+111.00  
GROUND EL.: 177.418

PROJECT NUMBER: BRF 0241(33) C/1  
SITE NO.: VT 12  
OFFSET: -4.00  
G.W. DEPTH: Hole caved in

BORING CREW  
CREW CHIEF: TALLMAN  
DRILLER: YOUNG  
LOGGER: SOMERS  
ADDITIONAL CREW:

BORING RIG: SMALL SKID RIG  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS <i>(Description)</i>	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-2-4, SiSa, brn-gry, Moist, Rec. = 0.33m	4	16.9	10	66.4	23.6		
		A-4, SaSi, gry, Moist, Rec. = 0.50m	18	22	1.4	30.5	68.1		
5		A-4, SaSi, gry, Moist, Rec. = 0.56m	51	12.8	16	35.5	48.5		
		BXMDC, 5.48m-6.04m, Broke through Boulder							
		BXMDC, 6.24m-6.84m, Broke through Boulder							
		A-2-4, SiSaGr, gry, Moist, Rec. = 0.10m	R	11.5	37.4	35.4	27.2		
		BXMDC, 7.80m-8.10m, Broke through Boulder							
				Top of bedrock @ 8.53 m					
		Run#1: BXMDC, 8.53m-10.05m, Rec. = 1.52m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	100	80	50			
10		Run#2: BXMDC, 10.05m-11.57m, Rec. = 1.52m, See Geologist's Report.	2	100	95	50			
			Hole stopped @ 11.57m						
		Driller's Notes: 1. No ground water elevavation. Hole caved in. 05/28/02 2. Moved hole 1.00m to the west.							

**GEOLOGISTS REPORT:**

Run#1: Light gray hornblende gneiss, Hard to very hard,  
Unweathered, Competent.

Run#2: Light gray hornblende gneiss, Hard to very hard,  
Unweathered, Competent.