

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

HOLE NO.: B-5
SHEET 1 OF 1
DATE STARTED: 5/29/02
DATE COMPLETED: 5/29/02

PROJECT NAME: BETHEL
SITE NAME: BR 31
STATION: 3+115.00
GROUND EL.: 176.598

PROJECT NUMBER: BRF 0241(33) C/1
SITE NO.: VT 12
OFFSET: -15.00
G.W. DEPTH: Hole caved in

BORING CREW
CREW CHIEF: TALLMAN
DRILLER: TALLMAN
LOGGER: RUSSELL
ADDITIONAL CREW:

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

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-1-b, Sa, gry, Moist, Rec. = 0.15m	4	16.8	15.2	73.5	11.3		
		A-4, SaSi, brn, Moist, Rec. = 0.40m	6	22.5	0.5	37.7	61.8		
5		A-4, SaSi, gry, Moist, Rec. = 0.32m	43	15.4	9.3	44.6	46.1		
		5.48m-5.79, Boulder							
		A-4, SiSa with rock fragments, gry, Moist, Rec. = 0.35m	61	14.6	10.1	51	38.9		
				Top of bedrock @		6.75	m		
		Run#1: BXMDC, 6.75m-8.27m, Rec. = 1.50m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	99	50	50			
		Run#2: BXMDC, 8.27m-9.79m, Rec. = 1.52m, See Geologist's Report.	2	100	94	50			
10		Hole stopped @ 9.79m							
		Driller's Notes: 1. No ground water elevation found. Hole caved in.							

GEOLOGISTS REPORT:

Run#1: Gray hornblende gneiss with quartz veins, Hard to very hard, Unweathered, Competent.

Run#2: Gray hornblende gneiss with quartz veins, Bottom 0.4m of Run is quartz, Hard to very hard, Unweathered, Competent.