

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

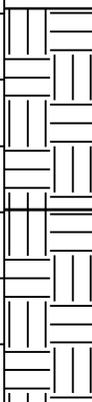
HOLE NO.: B-4A
SHEET 1 OF 1
DATE STARTED: 5/7/02
DATE COMPLETED: 5/10/02

PROJECT NAME: BETHEL
SITE NAME: BR 3I
STATION: 3+173.00
GROUND EL.: 170.448

PROJECT NUMBER: BRF 0241(33) C/1
SITE NO.: VT 12
OFFSET: 7.35
G.W. DEPTH: 1.80 05/10/02

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

BORING RIG: SMALL 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-4, GrSiSa & Wood, brn, Moist Rec. = 0.05m	3	42.5	20.9	40.5	38.6		
		Into Wood at 2.10m							
		No sample, Wood sections							
				Top of bedrock @ 3.96 m					
5		Run#1: BXMDC, 3.96m-5.48m, Rec. = 1.52m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	100	75	40			
		Run#2: BXMDC, 5.48m-7.00m, Rec. = 1.52m, See Geologist's Report.	2	100	90	40			
		Hole stopped @ 7.0m							
10		<p>Driller's Notes:</p> <ol style="list-style-type: none"> Drillers had a difficult time drilling through three sections of wood timber. Each timber was about six inches thick. Ground water elevation was 1.80m on 05/10/02. 							

GEOLOGISTS REPORT:

Run#1: 3.96m-5.00m, Gray garnetiferous hornblende gneiss with greenstone, Highly deformed foliation, Moderately hard, Unweathered, Competent.
5.00m-5.45m, Light gray hornblende gneiss, Hard to very hard, Unweathered, Competent.
5.45m-5.48m, Same as beginning of Run#1.

Run#2: 5.48m-6.03m, Gray garnetiferous hornblende gneiss with greenstone and quartz veins, Highly deformed foliation, Moderately hard, Unweathered, Competent.
6.03m-7.00m, Light gray hornblende gneiss, Hard to very hard, Unweathered, Competent.