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

HOLE NO.: B-3
SHEET 1 OF 1
DATE STARTED: 4/26/01
DATE COMPLETED: 5/2/01

PROJECT NAME: CASTLETON
SITE NAME: BR 8
STATION: 219+80.00
GROUND EL.: 434.07

PROJECT NUMBER: RS 0142 (01)
SITE NO.: VT 4A
OFFSET: 15.00
G.W. DEPTH: See DRILLER'S NOTES

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

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

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER POOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
0		BXDC, 2.0'-4.5', Fill material.							
5		No Rec. Stone in Sample barrel. Poss. Fill	R						
10		BXDC, 7.5'-10.0', Boulders							
		BXDC, 10.0'-12.0', Boulders, No Rec.	R						
15		A-1-a, SaGr, brn, Moist, Rec. = 0.50'	6	13.2	58.7	29.8	11.5		
20		A-1-a, SaGr, brn, Moist, Rec. = 0.60'	13	12.2	61.4	32.2	6.4		
25		No Rec., Stone in end of sample barrel.	32						
30		BXDC, 29.0'-30.0'							
		A-4, SaGrSi, gry, Dry, Rec. = 0.80'	R	8.3	31	28.1	40.8		
35		A-4, GrSaSi, gry, Dry, Rec. = 0.15'	R	9.8	26.3	28.3	45.4		
40		A-4, SaGrSi, gry, Moist, Rec. = 1.05'	R	10.6	31	21.6	47.3		
			Top of bedrock @ 43.5'						
45		Run#1: BXMDC, 43.5'-48.5', Rec. = 1.35', See Geologist's Report.	RUN 1	RECZ. 27	ROD% 27	Dip° 85			
50		Run#2: BXMDC, 48.5'-53.5', Rec. = 1.50', See Geologist's Report.	2	30	30	85			
55		Run#3: BXMDC, 53.5'-58.5', Rec. = 3.00' See Geologist's Report.	3	60	60	85			
60									

Hole stopped @ 58.5'

DRILLER'S NOTES:

1. 05/03/01 - No water table determined, Hole caved in at 10.0'.
2. No seams encountered during coring.
3. Coring time averaged 2hrs for every 5ft.

GEOLOGIST'S REPORT:

Run#1: Light gray slate, Medium hard, Unweathered, Poor recovery and bad RQD due to difficulty drilling steeply dipping beds.

Run#2: Same as Run#1, but quartz vein at top of Run, Poor recovery and RQD due to difficulty drilling steeply dipping beds.

Run#3: Same as Run#1, Poor recovery and RQD due to difficulty drilling steeply dipping beds.