

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

HOLE NO.: B-1
SHEET 1 OF 1
DATE STARTED: 5/12/03
DATE COMPLETED: 5/14/03

PROJECT NAME: MIDDLESEX
SITE NAME: BR 78
STATION: 2000+054
GROUND EL.: 207.625

PROJECT NUMBER: BRF 0241(32)SC
SITE NO.: VT 12
OFFSET: -5.0
G.W. DEPTH: 9.10 05/14/03

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-1-b, SiGrSa, gry, Moist Rec. = 0.15m	4	15.8	33.9	45	21.1		
		A-4, GrSiSa, gry, Moist Rec. = 0.23m	11	12.3	25.4	38.6	36		
5		No Rec.	43						
		A-1-b, GrSa, gry, Moist Rec. = 0.30m	21	6.8	39.3	50.2	10.5		
		A-1-b, GrSa, gry, Moist Rec. = 0.30m	17	14.1	37.7	43.8	18.5		
10		A-2-4, GrSiSa with Trace of Organics, gry, Moist, Rec. = 0.35m Sample tested 4.9% Organic	12	70.9	27.3	38.4	34.3		
		A-4, Si, gry, Moist Rec. = 0.50m	6	31.5	2.2	5.1	92.7		
		A-4, SaSi, orange-brown, Moist Rec. = 0.23m	R Top	31.2 of bedrock	1.4	21.5 @ 12.50m	77.1		
		Run#1: BXMDC, 12.50m-14.02m Rec. = 1.50m See Geologist's Report.	RUN	REC%	RQD%	Dip'			
		Run#2: BXGDC, 14.02m-14.93m Rec. = 0.45m See Geologist's Report.	1	99	86	85-90			
		Run#3: BXMDC, 14.93m-15.53m No Rec. Could not retrieve core See Geologist's Report.	2	50	0	85-90			
15		Run#3: BXMDC, 14.93m-15.53m No Rec. Could not retrieve core See Geologist's Report.	3	0	0	-			
Hole stopped @ 15.53m									

GEOLOGISTS REPORT:

Run#1: Light gray phyllite, Moderately soft, Slightly weathered to unweathered, Competent.
Run#2: Quartzite with metavolcanic and phyllitic zones, Hard, Slightly to moderately weathered, Competent.
Run#3: No recovery.