

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

HOLE NO.: BI
SHEET 1 OF 1
DATE STARTED: 4/7/99
DATE COMPLETED: 4/8/99

PROJECT NAME: WALLINGFORD
SITE NAME: BR. #50
STATION: 3+019.50
GROUND EL.: 173.520

PROJECT NUMBER: BRO 1443(31)
SITE NO.: TH. #60
OFFSET: 0.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: MCGLYNN
DRILLER: MCGLYNN
LOGGER: YOUNG
ADDITIONAL CREW:

BORING RIG: TRUCK
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, SaGr, M, gry/brn, rec.=0.26m	58	8.3	49.4	37.6	13		
		A-1-b, GrSa, M, brn, rec.=0.31m.	2	10.7	27.4	62.1	10.5		
		A-2-4, Sa, M, brn, rec.=0.11m.	1	21.3	10.9	77.4	11.7		
		A-1-a, SaGr, M, brn, rec.=0.08m.	4	8.2	69	26.7	4.3		
		Top of Bedrock @ 4.78m							
5		Run#1: BXDC 4.78m-6.28m rec.=0.60m See Geologist's Report.		RUN	REC%	RQD%	DIP°		
				1	40	1	65		
		Run#2: BXMDC 6.28m-7.82m rec.=1.52m See Geologist's Report.		2	99	67	65		
		Run#3: BXMDC 7.82m-8.86m rec.=0.86m See Geologist's Report.		3	83	58	10		
		Hole Stopped @ 8.86m							
10		Note: Large seams 4.78m-5.10m, some small seams to 6.00m some material ground up by core barrel. Changed core barrel at 6.28m - better recovery.							

GEOLOGISTS REPORT:

Run#1: Buff colored marble. Very hard. Rock is unweathered. Joint surfaces are stained and moderately weathered. Poor Recovery. Poor Competency.

Run#2: Same as Run #1, but jointing is less weathered. Joint surfaces contain phyllitic streaks. Competent.

Run#3: Same as Run#1 but joint surfaces are fresh. Competent.