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

HOLE NO.: B-4
SHEET 1 OF 2
DATE STARTED: 8/21/97
DATE COMPLETED: 8/26/97

PROJECT NAME: MORGAN
SITE NAME: BR* 4
STATION: 10+087.00
GROUND EL.: 393.26

PROJECT NUMBER: TH2-9339
SITE NO.: TH *1
OFFSET: -4.30
G.W. DEPTH:

BORING CREW
CREW CHIEF: TALLMAN .
DRILLER: GAMMELL .
LOGGER:
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
		No Rec.	3						
		No Rec., In boulder.							
		A-4, SaSi, Wet, gry, Rec. = 0.32m	10	22.3	8.8	23.3	67.9		
		A-4, Si, Wet, gry, Rec. = 0.28m	10	29.4	0	18.3	81.7		
5		A-4, Si, Wet, gry, Rec. = 0.16m	11	28.2	0	11.9	88.1		
		A-2-4, SiSa, Moist, gry, Rec. = 0.26m	13	21	8.5	64.9	26.6		
		A-1-b, GrSa, Moist, gry, Rec. = 0.28m	18	13.5	39.1	44.8	16.1		
		A-1-b, GrSa, Moist, gry, Rec. = 0.19m	16	14.3	37.6	48.3	14.1		
		A-2-4, SiSa, Wet, gry, Rec. = 0.32m	20	20.6	10	65.4	24.6		
10		A-1-b, Sa, Wet, brn, Rec. = 0.35m	14	19.2	13.5	75.8	10.7		
		A-2-4, SiSa, Wet, gry, Rec. = 0.42m	37	19.8	18.7	50.4	30.9		
		No Rec., In boulders.							
		No Rec.	24						
		A-2-4, Sa, Wet, gry, Rec. = 0.35m	19	21.2	5.7	74.8	19.5		
15									

GEOLOGISTS REPORT:

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DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-4, SaSi HP, Moist, gry, Rec. = 0.10m	28	9.5	16.8	25	58.2		
		A-4, GrSi HP, Moist, gry, Rec. = 0.25m	98	10.6	29.1	18.7	52.2		
		No Rec., In boulder.	Top of bedrock @ 17.50m						
		Run #1: BXMDC, 17.50m-18.46m, Rec. = 0.96m, See Geologist's Report.	RUN 1	REC% 80	RQD% 15	Dip°			
		Run #2: BXMDC, 18.46m-19.96m, Rec. = 1.50m, See Geologist's Report.	2	100	64				
20		Hole stopped @ 19.96m in bedrock.							
25									

GEOLOGISTS REPORT:

RUN 1: LIGHT GRAY MEDIUM GRAINED GRANITE. VERY HARD. UNWEATHERED.
POOR RQD MAY BE DUE TO MECHANICAL BREAKAGE DURING DRILLING.

RUN 2: LIGHT GRAY MEDIUM GRAINED GRANITE. VERY HARD. UNWEATHERED. COMPETENT.