ELEVATION = 637.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION	HOLE NO.: B-09 SHEET 1 OF 1 DATE STARTED: 6/5/97 DATE COMPLETED: 6/12/97
PROJECT NAME: RANDOLPH SITE NAME: BRIDGE 42 STATION: 16+59.00 GROUND EL.: 635.34	PROJECT NUMBER: BRF 0241(29) SITE NO.: Rt. 12 OFFSET: -15.00 G.W. DEPTH:
BORING CREW CREW CHIEF: MCGLYNN DRILLER: WILLIS LOGGER: TALLMAN .	BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-1-a, Sgr, Wet, gr, Rec. = 0.7'	22	7.1	59.4	29.7	10.9		
5		A-1-a, Sgr, Wet, gr, Rec. = 0.2'	90	11.1	65.2	24.1	10.7		
		Rear casing 5.0'-10.0', Boulders							
10		BXDC, 10.0'-14.0', Boulders	Top of bedrock @ 14.0'						
15		Run #1: BXDC, 14.0'-15.0' Rec. = 1.0' See Geologist's Report		DIP°	REC %	RQD %			
		Run #2: BXDC, 15.0'-16.4' Rec. = 1.3' See Geologist's Report.	RUN 1	60	100	0			
20			RUN 2	60	93	90			
		Run #3: BXDC, 16.4'-21.4' Rec. = 3.4' See Geologist's Report	RUN 3	60	68	68			
25		Run #4: BXDC, 21.4'-23.9' Rec. = 0.8' See Geologist's Report.	RUN 4	60	32	32			
			Hole stopped @ 23.9' In bedrock						
30									
35									
40									

Geologist's Report

Run #1: Blue-gray siliceous limestone. Hard. Unweathered. Low RQD may be due to mechanical breakage during drilling.

Run #2: Blue-gray siliceous limestone. Hard. Unweathered. Competent. Core very broken up during drilling.

Run #3: Blue-gray siliceous limestone. (16.4'-18.4') Hard. Unweathered. Competent. Core very broken up during drilling. Blue-gray phyllite from 18.4'-21.4'. Medium to moderately hard. Very Slightly weathered. Core very broken up during drilling. Competent.

Run #4: Blue-gray phyllite Medium to moderately hard. Very slightly weathered. Core very broken up during drilling.

45 50 55 60 65 70 75 80 85 90 95