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

HOLE NO.: B-02
SHEET 1 OF 1
DATE STARTED: 6/24/97
DATE COMPLETED: 6/25/97

PROJECT NAME: RANDOLPH
SITE NAME: BRIDGE 42
STATION: 15+75.00
GROUND EL.: 644.20

PROJECT NUMBER: BRF 0241(29)
SITE NO.: Rt.12
OFFSET: 20.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: MCGLYNN
DRILLER: CHABOT E J
LOGGER: TALLMAN .

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

ELEVATION = 653.00

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		BXDC, 3.0'-6.0', Boulders							
10		Fractured Angular Blue Stones, 1.0'-12.0', Rec. = 0.5'	R	15.3	85.1	12.2	2.7		
15		A-2-4, SaSlGr, Wet, gr. Rec. = 0.5'	R	22.1	44.2	27.4	28.4		
		BXDC, 15.0'-20.0', Rec. = 2.5'							
20		BXDC, 20.0'-24.0', Rec. = 1.0'							
25		A-1-b, StSaGr, Moist, gr. Rec. = 1.0'	R	8.3	56.2	22.2	21.6		
		BXDC, 25.0'-31.0', Rec. = 1.3', Boulders							
30			Top of bedrock @ 31.0'						
		Run #1: BXDC, 31.0'-36.0' Rec. = 4.3' See Geologist's Report		DIP°	REC %	RQD %			
35			RUN 1	35	86	27			
		Run #2: BXDC, 36.0'-41.0' Rec. = 4.6' See Geologist's Report	RUN 2	35	92	70			
40			Hole stopped @ 41.0' in bedrock						
45									
50		Geologist's Report							
55		Run #1: Blue-gray phyllite. Medium hard. Top 17" moderately to severly weathered. Remainder of core slightly weathered to unweathered. Rock is competent below 32.5 feet.							
60									
65									
70		Run #2: Blue-gray phyllite to 38 feet. Medium hard. Slightly weathered, to unweathered Blue-gray siliceous limestone below 38 feet. Hard. Unweathered Rock is competent.							
75									
80									
85									
90									
95									

BOTTOM OF PIER FOOTING