

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

HOLE NO.: B-14  
SHEET 1 OF 1  
DATE STARTED: 4/12/02  
DATE COMPLETED: 5/2/02

PROJECT NAME: RANDOLPH  
SITE NAME: BRIDGE 42  
STATION: 16+36.00  
GROUND EL.: 639.48

PROJECT NUMBER: BRF 0241(29)  
SITE NO.: Rt. 12  
OFFSET: 10.00  
G.W. DEPTH:

BORING CREW  
CREW CHIEF: TALLMAN  
DRILLER: TALLMAN  
LOGGER: RUSSELL

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

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS <i>(described)</i>	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %			
		A-1-b, SaGr, brn-blk, Moist, Rec. = 0.8'	21	15.9	56	28.7	15.3			
5		A-1-a, Gr, blk, Moist, Broken Rec. = 0.4' Rock was within sample.	R	6.1	75.5	16.6	7.9			
		BXDC, 6.0'-8.1', Boulders Advanced casing, cleaned out casing.								
10		A-1-b, GrSa, gry, Moist, Rec. = 0.4',	19	15.7	36.4	56.8	6.8			Broken Rock was within sample.
		BXDC, 10.1'-10.75', Boulders								
		NXGDC, 10.75'-12.50', Boulders, Broke through at 12.5'.								
15		BXDC, 13.65'-14.0', Cleaned out casing.	86	11.1	36.7	27.7	35.6			
		A-4, SaStGr, gry, Moist, Rec. = 1.65'	R	14.5	21.3	39.4	39.3			Broken Rock was within sample
		A-4, GrStSa, gry, Moist, Rec. = 0.6',								Top of bedrock @ 17.0'
		Run#1: NXGDC, 17.0'-22.0', Rec. = 5.0', See Geologist's Report.	1	100	100	60	17.9 19.1	16658 21766	5284 5169	
		Run#2: NXGDC, 22.0'-27.0', Rec. = 5.0' See Geologist's Report.	2	100	100	60	21.2 22.4 23.5 24.4 26.1	23177 23652 23383 22206 19983	6621 7730 6053 5726 6056	

Hole stopped @ 27.0'

Geologist's Report:

Run#1: Light gray meta-limestone, Hard, Unweathered,  
Competent.

Run#2: Same as Run#1, Competent.

SD = Sample Center Depth, ft.

Co = Uniaxial Compressive Strength of Intact Rock, psi

Eo = Elastic Modulus of Intact Rock, ksi