

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

HOLE NO.: B-3
SHEET 1 OF 2
DATE STARTED: 5/3/99
DATE COMPLETED: 5/6/99

PROJECT NAME: CHARLESTON
SITE NAME: BR-16
STATION: I+129.80
GROUND EL.: 431.025

PROJECT NUMBER: BRO 1449 (22)
SITE NO.: TH-41
OFFSET: -5.40
G.W. DEPTH:

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

BORING RIG: UNI-MOG
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
		0.45m-0.85m, Boulders							
		1.0m-1.6m, Boulders	3						
		2.0m-2.6m, Boulders	10						
		A-l-b, SaGr, gry, Moist, Rec. = 0.25m, Sample contained some broken concrete.	12	18.4	43.7	41	15.3		
		A-4, GrSi, gry, Moist, Rec. Rec. = 0.24m, Sample contained some wood (poss. root).	48	11.6	36.7	19.7	43.6		
5		A-4, GrSaSi, gry, Dry, Rec. = 0.30m	89	9.3	26.1	27.2	46.7		
		A-4, GrSaSi,HP, gry, Dry, Rec. = 0.10m	R	7.7	31.4	33.1	35.5		
		BXDC, 7.00m-7.70m, Boulders							
		A-4, SaSiGr, gry, Moist, Rec. = 0.35m	72	11.1	42.1	21.4	36.5		
		A-4, GrSaSi,HP, gry, Dry, Rec. = 0.09m	R	8	22.6	24.5	52.9		
10		(Visual Class.) Broken Rock, Rec. = 0.04m	R						
		A-4, SaSi,HP, gry, Dry, Rec. = 0.25m	R	8.8	18.5	23.5	58		
		A-4, SaSi,HP, gry, Dry, Rec. = 0.50m	R	9.6	10	25	65		
		A-4, SaSi,HP, gry, Moist, Rec. = 0.15m	R	10	16.9	20.2	62.9		
		(Visual Class.) Broken Rock, Rec. = 0.10m	R						

GEOLOGISTS REPORT:

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DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
	XXXX	No Rec.	R						
		BXDC, 15.90m-16.35m, Boulders							
		BXDC, 16.65m-17.20m, Boulders							
		BXDC, 18.00m-18.25m, Boulders							
		BXDC, 18.50m-19.10m, Boulders							
		BXDC, 19.10m-19.45m, Boulders							
		Top of bedrock @ 19.80 m							
20		Run #1: BXMDC, 19.8m-21.3m, Rec. = 1.47m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	98	98	50			
		Run #2: BXMDC, 21.3m-22.8m, Rec. = 1.50m, See Geologist's Report.	2	100	100	50			
		Hole stopped @ 22.80m							
25									

GEOLOGISTS REPORT:

Run #1: Gray quartz-mica schist with bands of metavolcanics, Hard, Unweathered, Competent.
Run #2: Same as Run #1, Competent.