

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

HOLE NO.: B-1
SHEET 1 OF 2
DATE STARTED: 2/19/03
DATE COMPLETED: 03/17/03

PROJECT NAME: RUTLAND TOWN
SITE NAME: BR 103
STATION: 2+286.70
GROUND EL.: 194.338

PROJECT NUMBER: BRF 019-3 (48)
SITE NO.: US 7
OFFSET: -10.00
G.W. DEPTH: 1.52 3/18/03

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

BORING RIG: TRACTOR
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
		0.00m-1.10m, Boulders							
		1.10m-1.40m, Concrete							
		A-3, Sa, Lt/gry, Moist, Rec. = 0.20m	NXMDC, 1.15m-1.50m, Cleaned out	12	21	5.6	86.4	8	
		NXGDC, 2.60m-3.00m, Cleaned out casing.							
		NXGDC, 3.00m-3.50m, Boulder, Cored ahead.							
		A-1-b, GrSa, gry, Moist, Rec. = 0.04m	NXGDC, 4.40m-4.50m, Cleaned out	11	18.3	43.5	53.6	2.9	
		A-4, Si, gry, Moist, Rec. = 0.40m		8	31.5	2.2	19.2	78.6	
		A-4, SaSi, gry, Moist, Rec. = 0.38m		7	28.1	4.9	47.2	47.9	
		A-4, SaSi, gry, Moist, Rec. = 0.50m		10	27.6	8.4	41.6	50	
		A-4, Si, gry, Moist, Rec. = 0.28m		11	27.8	14.7	16.7	68.6	
		A-4, Si, gry, Moist, Rec. = 0.18m		4	30.6	6.5	14.9	78.6	
		A-4, Si, gry, Moist, Rec. = 0.32m		7	26.7	17.6	17.7	64.7	

GEOLOGISTS REPORT:

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		A-4, SaSi, gry, Moist, Rec. = 0.20m	10	31.1	0.2	31.6	68.2		
		No Rec.	21						
		A-2-4, SiSaGr, gry, Moist, Rec. = 0.18m	32	12.4	34.5	33.1	32.4		
		NXGDC, 19.3m-19.5m, Cleaned out							
		A-1-b, GrSa, brn, Moist, Rec. = 0.40m	43	18.9	22.4	67	10.6		
		No Rec., Stone in end of sampler	42						
		NXMDC, 22.40m-23.30m, Boulder, No sample.							
		A-2-4, SiGr, brn, Moist, Rec. = 0.15m	R	13.1	56.1	13.9	30		
		A-2-4, GrSiSa, Lt/gry, Moist, Rec. = 0.15m	R	12.8	22.6	50.5	26.9		
		NXMDC, 26.40m-27.96m, No sample, Boulder							
		Top of bedrock @ 28.50 m							
		Run#1: NXMDC, 28.50m-29.87m, Rec. = 0.85m See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	62	0	30			
		Run#2: NXMDC, 29.87m-30.80m, Rec. = 0.50m See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			2	54	0	30			
		Run#3: NXMDC, 30.80m-32.32m, Rec. = 0.77m See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			3	51	0	30			

32.5 Hole stopped @ 32.32m

GEOLOGISTS REPORT:

Run#1: Light gray dolomite with some stained jointing, Hard, Moderately weathered, Poor RQD.

Run#2: Light gray dolomite with stained and weathered jointing, Hard, Moderately weathered, Poor RQD.

Run#3: Light gray dolomite with stained and weathered jointing, Hard, Moderately weathered, Poor RQD.