

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION									
PROJECT NAME: RUTLAND TOWN SITE NAME: BR 103 STATION: 2+286.70 GROUND EL.: 194.338					PROJECT NUMBER: BR 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	12	21	5.6	86.4	8		
		NXGDC, 2.60m-3.00m, Cleaned out casing.							
		NXGDC, 3.00m-3.50m, Boulder, Cored ahead.							
		NXGDC, 4.40m-4.50m, Cleaned out							
5		A-1-b, GrSa, gry, Moist, Rec. = 0.04m	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		
10		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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DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		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							
20		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						
		NXGDC, 22.40m-23.30m, Boulder, No sample.							
		A-2-4, SiGr, brn, Moist, Rec. = 0.15m	R	13.1	56.1	13.9	30		
25		A-2-4, GrSiSa, Lt/gry, Moist, Rec. = 0.15m	R	12.8	22.6	50.5	26.9		
		NXGDC, 26.40m-27.96m, No sample, Boulder							
		Run#1: NXMDC, 28.50m-29.87m, Rec. = 0.85m See Geologist's Report.	1	62	0	30			
		Run#2: NXMDC, 29.87m-30.80m, Rec. = 0.50m See Geologist's Report.	2	54	0	30			
		Run#3: NXMDC, 30.80m-32.32m, Rec. = 0.77m See Geologist's Report.	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 ROD.									
Run#2: Light gray dolomite with stained and weathered jointing, Hard, Moderately weathered, Poor ROD.									
Run#3: Light gray dolomite with stained and weathered jointing, Hard, Moderately weathered, Poor ROD.									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION									
PROJECT NAME: RUTLAND TOWN SITE NAME: BR 103 STATION: 2+285.00 GROUND EL.: 196.631					PROJECT NUMBER: BR 019-3 (48) SITE NO.: US 7 OFFSET: 10.00 G.W. DEPTH: Hole caved in at 2.45m				
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
		NXGDC, 1.25m-1.50m, Cleaned out	9						
		No Rec.							
		NXGDC, 2.80m-3.00m, Cleaned out							
		A-3, GrSa, brn-gry, Moist, Rec. = 0.10m	13	22.3	37.3	56.8	5.9		
		NXGDC, 4.25m-4.50m, Cleaned out							
5		A-1-a, SaGr, brn, Moist, Rec. = 0.20m	14	14.9	59.4	35.8	4.8		
		A-1-b, Sa, brn, Moist, Rec. = 0.30m	15	20	15.2	79.7	5.1		
		A-4, SaSi, brn, Moist, Rec. = 0.28m	8	33.4	1.4	25.2	73.4		
		A-2-4, SaSiGr, brn, Moist, Rec. = 0.25m	26	12.3	44.8	24.7	30.5		
10		NXGDC, 9.90m-11.30m, Boulders, No sample.							
		Top of bedrock @ 11.60 m							
		Run#1: NXMDC, 11.60m-13.12m, Rec. = 1.46m See Geologist's Report.	1	96	66	30			
		Run#2: NXMDC, 13.12m-14.64m, Rec. = 1.05m See Geologist's Report.	2	69	0	30			
Hole stopped @ 14.64m									
GEOLOGISTS REPORT:									
Run#1: Light gray dolomite, Hard, Unweathered, Competent.									
Run#2: Light gray dolomite with stained and weathered jointing, Hard, Moderately weathered, Poor ROD, Poor competency, Drilling break at 13.25m to 13.50m.									

GEOTECHNICAL LOGS I

PROJECT:	RUTLAND TOWN	PROJECT NO.:	BRF 019-3 (48)
DESIGN FILE NAME:	/M&R/95b172/mb172bor.dgn	PLOT DATE:	11-MAR-2008
IPARM FILE NAME:	sb172bo2.i	SURVEY DATE:	
SURVEYED BY:		DRAWN BY:	J. TOUCHETTE
SQUAD LEADER:	C. C. BENDA	SHEET:	43 OF 75
DATE:	04/03		

