

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-3 SHEET 1 OF 2 DATE STARTED: 3/25/03 DATE COMPLETED: 3/31/03							
PROJECT NAME: RUTLAND TOWN SITE NAME: BR 103 STATION: 2+325.00 GROUND EL.: 197.746		PROJECT NUMBER: BRF 019-3 (48) SITE NO.: US 7 OFFSET: -6.70 G.W. DEPTH: Hole caved in @ 0.75m							
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW: GARROW		BORING RIG: BIG SKID RIG 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
197.75									
		No sample, Boulders							
		A-1-a, SaGr, brn, Moist, Rec. = 0.05m	12	5.6	75.1	20.3	4.6		
		Cleaned out casing.							
		A-1-a, SaGr, brn, Moist, Rec. = 0.07m	R	11.1	66.7	29.1	4.2		
5		5.50m-6.25m, Boulder, Cleaned out casing.							
		No sample, Into Boulder							
		A-2-4, Sa, brn, Moist, Rec. = 0.60m	7	22.8	1.2	87.5	11.3		
10		A-3, Sa, brn, Moist, Rec. = 0.60m	4	18.9	7.2	88	4.8		
		A-3, Sa, brn, Moist, Rec. = 0.60m	4	19.4	0.7	92.4	6.9		
		A-1-b, Sa, gry, Moist, Rec. = 0.35m	5	18.7	13.7	80.5	5.8		
GEOLOGISTS REPORT:									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-3 SHEET 2 OF 2 DATE STARTED: 3/25/03 DATE COMPLETED: 3/31/03							
PROJECT NAME: RUTLAND TOWN SITE NAME: BR 103 STATION: 2+325.00 GROUND EL.: 197.746		PROJECT NUMBER: BRF 019-3 (48) SITE NO.: US 7 OFFSET: -6.70 G.W. DEPTH: Hole caved in @ 0.75m							
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW: GARROW		BORING RIG: BIG SKID RIG 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
		A-2-4, SiSa, gry, Moist, Rec. = 0.10m	8	33	0.3	67.8	31.9		
		A-4, SiSa, gry, Moist, Rec. = 0.15m	9	29.5		54.4	45.6		
		A-4, SaSi, gry, Moist, Rec. = 0.38m	8	25.8	10.7	29.8	59.5		
		A-1-b, Gr, brn, Moist, Rec. = 0.15m	33	4.9	69.8	12.6	17.6		
20		Top of bedrock @ 20.42 m							
		Run#1: BXGDC, 20.42m-21.94m, Rec. = 1.52m See Geologist's Report.	1	100	53	-			
		Run#2: BXGDC, 21.94m-23.46m, Rec. = 1.38m See Geologist's Report.	2	91	40	-			
Hole stopped @ 23.46m									
DRILLER'S NOTES: 1. Moved hole 3.30m to the right.									
GEOLOGISTS REPORT: Run#1: Dark gray dolomite with thin calcite veins, Hard, Unweathered, Competent. Run#2: Dark gray dolomite with thin calcite veins, Hard, Unweathered, Competent.									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-4 SHEET 1 OF 1 DATE STARTED: 3/17/03 DATE COMPLETED: 3/24/03							
PROJECT NAME: RUTLAND TOWN SITE NAME: BR 103 STATION: 2+325.00 GROUND EL.: 194.272		PROJECT NUMBER: BRF 019-3 (48) SITE NO.: US 7 OFFSET: 12.00 G.W. DEPTH: L38 3/24/03							
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW: GARROW		BORING RIG: BIG SKID RIG 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
		BXDC, 0.76m-1.21m, Boulders							
		A-1-a, SaGr, brn, Moist, Rec. = 0.26m	17	10.8	65.4	27.3	7.3		
		BXDC, 2.20m-3.00m, Cleaned out casing and cored ahead.							
		A-1-a, SaGr, gry, Moist, Rec. = 0.10m	5	13.3	63.6	31.9	4.5		
		No Rec., Stone in sampler.	2						
5		BXDC, 5.95m-6.05m, Boulder							
		BXDC, 6.85m-7.31m Cored ahead.							
		A-3, Sa, br-gy, M, Rec. = 0.15m	R	31.1	0.2	93.2	6.6		
		Top of bedrock @ 7.85 m							
		Run#1: BXGDC, 7.85m-9.37m, Rec. = 1.35m See Geologist's Report.	1	89	17	30			
		Run#2: BXMDC, 9.37m-10.89m, Rec. = 1.52m See Geologist's Report.	2	100	100	30			
Hole stopped @ 10.89m									
GEOLOGISTS REPORT: Run#1: Light gray dolomite with closely spaced horizontal jointing, Hard, Unweathered, Fair to poor ROD. Run#2: Light gray dolomite, Hard, Moderately weathered, Competent.									

GEOTECHNICAL LOGS 2

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: sb172bo3.i	SURVEYED BY:
SQUAD LEADER: C. C. BENDA	DRAWN BY: J. TOUCHETTE
DATE: 04/03	SHEET: 44 OF 75

