

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-4 SHEET 1 OF 1 DATE STARTED: 9/24/99 DATE COMPLETED: 9/27/99							
PROJECT NAME: LYNDON SITE NAME: BR-8 STATION: 3+57.00 GROUND EL.: 227.854		PROJECT NUMBER: BRS 0269 (8)S SITE NO.: VT-14 OFFSET: 6.60 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW:		BORING RIG: 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, brn, Moist, Rec. = 0.28m	5	18.6	11.7	60.1	28.2		
	CONCRE	2.80m-3.72m, Concrete, No sample in concrete footing.							
		4.50m-5.10m, No Rec. Stone in end of core barrel.	35						
5									
		Top of bedrock @ 6.55m							
		Run #1: BXMDC, 6.55m-8.05m, Rec. = 1.40m, See Geologist's Report.	RUN	RECZ	RODZ	Dip°			
		Run #2: BXMDC, 8.05m-9.55m, Rec. = 1.49m, See Geologist's Report.	2	99	99	60			
10		Hole stopped @ 9.55m							
GEOLOGISTS REPORT:									
Run #1: Gray quartzose limestone, Hard, Unweathered, Competent. Thin amphibolitic zone at 7.35m.									
Run #2: Same as Run #1, But no amphibolitic zone, Competent.									

TOP OF FTG.  
ABUT. NO. 2  
EL. 222.850

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-5 SHEET 1 OF 1 DATE STARTED: 9/8/99 DATE COMPLETED: 9/8/99							
PROJECT NAME: LYNDON SITE NAME: BR-8 STATION: 3+57.00 GROUND EL.: 229.107		PROJECT NUMBER: BRS 0269 (8)S SITE NO.: VT-14 OFFSET: -1.40 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW:		BORING RIG: TRUCK 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, brn, Moist, Rec. = 0.29m	19	10.9	15.1	58.8	26.1		
		A-2-4, SiSa, brn, Moist, Rec. = 0.31m	18	18.5	6.5	67.7	29.8		
		A-1-a, SaGr, brn, Moist, Rec. = 0.15m	32	10.2	70	23.4	6.6		
5									
		A-4, Si, brn, MTW, Rec. = 0.36m	11	33.1	2.9	6.3	90.8		
		Top of bedrock @ 6.97m							
		Run #1: BXDC, 6.97m-8.19m, Rec. = 1.0m, Small seam @ 7.22m-7.30m. Very soft rock 7.30m-7.60m. See Geologist's Report.	RUN	RECZ	RODZ	Dip°			
		Run #2: BXDC, 8.19m-9.56m, Rec. = 1.37m, Small seam @ 8.50m-8.58m. See Geologist's Report.	2	100	95	30			
		Run #3: BXDC, 9.56m-10.17m, Rec. = 0.61m, See Geologist's Report.	3	100	95	30			
10		Hole stopped @ 10.17m							
GEOLOGISTS REPORT:									
Run #1: Gray quartzose limestone, Hard, Unweathered, Competent. Drillers report soft rock and seams near top of core.									
Run #2: Same as Run #1, Competent.									
Run #3: Same as Run #1, Competent.									

TOP OF FTG.  
ABUT. NO. 2  
EL. 223.450

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-6 SHEET 1 OF 1 DATE STARTED: 9/16/99 DATE COMPLETED: 9/23/99							
PROJECT NAME: LYNDON SITE NAME: BR-8 STATION: 3+57.00 GROUND EL.: 228.418		PROJECT NUMBER: BRS 0269 (8)S SITE NO.: VT-14 OFFSET: -5.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW:		BORING RIG: 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, brn, Moist, Rec. = 0.17m	R	14.2	17.4	60.6	22		
		BXDC, 1.85m-2.50m, Boulder							
		BXDC, 2.50m-3.00m, Boulders							
		BXDC, 3.00m-4.00m, Boulders							
		BXDC, 4.15m-4.40m, Boulder							
		A-2-4, Sa, brn, MTW, Rec. = 0.37m	9	25.5	1	79.2	19.8		
5									
		Top of bedrock @ 5.90m							
		Run #1: BXMDC, 5.90m-7.40m, Rec. = 0.83m, Seam @ 6.20m-6.50m. Seam @ 6.67m-6.79m. See Geologist's Report.	RUN	RECZ	RODZ	Dip°			
		Run #2: BXMDC, 7.40m-8.14m, Rec. = 0.33m, Seam @ 7.50m-7.65m. Seam @ 7.85m-8.00m. See Geologist's Report.	2	45	16	60			
		Run #3: BXMDC, 8.14m-9.67m, Rec. = 1.48m, See Geologist's Report.	3	99	90	60			
10		Hole stopped @ 9.67m							
GEOLOGISTS REPORT:									
Run #1: Light gray quartzose limestone, Hard, Unweathered, Competent. Fair ROD.									
Run #2: Same as Run #1, But darker gray, Poor competency.									
Run #3: Same as Run #1, Competent.									

TOP OF FTG.  
ABUT. NO. 2  
EL. 223.450

BORING INFORMATION SHEET (3)

PROJECT NAME: LYNDON	PROJECT NUMBER: BRS 0269 (8)S
FILE NAME: 85e04\structures\se04b03.i	PLOT DATE: 29-NOV-2005
PROJECT MANAGER: R. R. WHITCOMB	DRAWN BY: G. ROY
DESIGNED BY: VAOT MATERIALS & RESEARCH	CHECKED BY: M. LOZIER
SHEET 20 OF 68	