

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








HOLE NO.: B-1
SHEET 1 OF 1
DATE STARTED: 9/13/99
DATE COMPLETED: 9/14/99

PROJECT NAME: LYNDON
SITE NAME: BR-8
STATION: 3+546.00
GROUND EL.: 228.500

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-1-a, SaGr, brn, Moist, Rec. = 0.10m	6	10.3	66.9	29.8	3.3		
		No Rec., Stone in sampler.	12						
		No sample, Boulder							
5		No sample, Boulder							
		Top of bedrock @ 6.40m							
		Run #1: BXDC, 6.40m-7.15m, Rec. = 0.42m, See Geologist's Report.	RUN	RECZ	RODZ	Dip*			
			1	56	33	50			
		Run #2: BXDC, 7.15m-7.90m, Rec. = 0.68m, See Geologist's Report.	2	91	80	50			
		Run #3: BXDC, 7.90m-9.40m, Rec. = 1.50m, See Geologist's Report.	3	100	78	50			
10				Hole stopped @ 9.40m					

GEOLOGISTS REPORT:

Run #1: Gray quartzose limestone, Hard, Unweathered, Competent.

Run #2: Same as Run #1, Competent.

Run #3: Same as Run #1, But thin schist layering from 8.40m - 8.65m, Competent.

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




HOLE NO.: B-3
SHEET 1 OF 1
DATE STARTED: 9/15/99
DATE COMPLETED: 9/16/99

PROJECT NAME: LYNDON
SITE NAME: BR-8
STATION: 3+55.00
GROUND EL.: 226.836

PROJECT NUMBER: BRS 0269 (8)S
SITE NO.: VT-14
OFFSET: -7.00
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, gry, MTW, Rec. = 0.30m	12	38.8	1.1	74.8	24.1		
		BXDC, 2.8m-3.4m, Boulders, No Sample							
		BXDC, 3.6m-4.0m, Boulders, No Sample							
		Top of bedrock @ 4.26m							
		Run #1: BXMDC, 4.26m-5.76m, Rec. = 1.50m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
5			1	100	53	30			
		Run #2: BXMDC, 5.76m-7.26m, Rec. = 1.45m, See Geologist's Report.	2	97	90	50			
				Hole stopped @ 7.26m					
10									

GEOLOGISTS REPORT:

Run #1: Gray quartzose limestone, Hard, Unweathered, Fair competency,
Large near vertical joint between 7.76m and 8.11m.

Run #2: Same as Run #1, But contains numerous quartz lenses, Competent.

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




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+572.00
GROUND EL.: 229.107

PROJECT NUMBER: BRS 0269 (BIS)
SITE NO.: VT-14
OFFSET: -L40
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, S1Sa, brn, Moist, Rec. = 0.29m	19	10.9	15.1	58.8	26.1		
		A-2-4, S1Sa, brn, Moist, Rec. = 0.31m	18	18.5	6.5	67.7	29.8		
5		A-1-a, SaGr, brn, Moist, Rec. = 0.15m	32	10.2	70	23.4	6.6		
		A-4, S1, 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	REC%	ROD%	Dip°			
			1	82	78	30			
		Run #2: BXDC, 8.19m-9.56m, Rec. = 1.37m, Small seam @ 8.50m-8.58m. See Geologist's Report.	2	100	95	30			
10		Run #3: BXDC, 9.56m-10.17m, Rec. = 0.61m, See Geologist's Report.	3	100	95	30			
			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.

