

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

PROJECT NAME: IRASBURG  
SITE NAME: BR #B29  
STATION: I+10.00  
GROUND EL.: 224.74l

HOLE NO.: B-5  
SHEET 1 OF 3  
DATE STARTED: 6/11/99  
DATE COMPLETED: 6/16/99

PROJECT NUMBER: BHF 0251(6)  
SITE NO.: VT 14  
OFFSET: 5.00  
G.W. DEPTH:

BORING CREW  
CREW CHIEF: TALLMAN  
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-b, GrSa, brn, Moist, Rec. = 0.04m	WH	12.3	33.6	58.7	7.7		
		No Sample	7						
5		Visual Class. = A-4, Silt with trace of Organics, gry, Wet, Rec. = 0.41m. Tested 7.1% Organic.	WH	69.7					
		A-1-b, SaGr, gry, Moist, Rec. = 0.17m	20	11.3	49.5	36.5	14		
		A-4, SaSi, gry, MTW, Rec. = 0.43m	6	27.5		45.2	54.8		
		A-4, Si, gry, MTW, Rec. = 0.49m	10	25.2		14.4	85.6		
10		A-4, SiSa, gry, MTW, Rec. = 0.51m	7	26.4		51.5	48.5		
		A-2-4, SiSa, gry, MTW, Rec. = 0.40m	12	31.6		74.1	25.9		
		A-2-4, SiSa, gry, MTW, Rec. = 0.37m	9	27.5	0.3	70.7	29		

GEOLOGISTS REPORT:

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HOLE NO.: B-5  
SHEET 2 OF 3  
DATE STARTED: 6/11/99  
DATE COMPLETED: 6/16/99

PROJECT NUMBER: BHF 0251(6)  
SITE NO.: VT 14  
OFFSET: 5.00  
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BORING CREW  
CREW CHIEF: TALLMAN  
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. = 0.34m	9	28.2		69.1	30.9		
		A-4, SiSa, gry, MTW, Rec. = 0.51m	7	28.3		63.5	36.5		
		A-4, SaSi, gry, MTW, Rec. = 0.44m	10	27.3		40.8	59.2		
20		A-4, SaSi, gry, MTW, Rec. = 0.49m	2	28.5		27.6	72.4		
		No Sample	8						
		A-4, SaSi, gry, MTW, Rec. = 0.34m	12	27.5		26.9	73.1		
		A-4, SaSi, gry, MTW, Rec. = 0.50m	7	26.2		24.9	75.1		
25		A-4, SiSa, gry, MTW, Rec. = 0.30m	8	27.3		50.4	49.6		
		A-4, SaSi, gry, MTW, Rec. = 0.09m	7	27.9		27.6	72.4		
		A-2-4, Sa, gry, MTW, Rec. = 0.30m	23	22.4	0.4	86.8	12.8		
		Top of bedrock @ 29.5m							
		Run #1: 29.5m-31.0m, Continued on next page.							

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HOLE NO.: B-5  
SHEET 3 OF 3  
DATE STARTED: 6/11/99  
DATE COMPLETED: 6/16/99

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SITE NO.: VT 14  
OFFSET: 5.00  
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ADDITIONAL CREW:

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BORING TYPE: WASH BORE  
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DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		Run #1: BXMDC, 29.5m-31.0m, Rec. = 1.3m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	87	80	50			
		Run #2: BXMDC, 31.0m-32.5m, Rec. = 1.5m, See Geologist's Report.	2	100	100	50			
		Hole stopped @ 32.5m							

GEOLOGISTS REPORT:

Run #1: Gray Arenaceous Limestone with thin sandy laminations.  
Moderately Hard. Unweathered. Competent.

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