

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

HOLE NO.: B-1
SHEET 1 OF 2
DATE STARTED: 9/10/97
DATE COMPLETED: 9/11/97

PROJECT NAME: IRASBURG
SITE NAME: BR *BI29
STATION: I+133.00
GROUND EL.: 219.534

PROJECT NUMBER: BHF 0251(6)
SITE NO.: VT 14
OFFSET: 6.60
G.W. DEPTH:

BORING CREW
CREW CHIEF: MCGLYNN
DRILLER: CHABOT E J
LOGGER: TALLMAN .
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
		No Rec.	6						
		No Rec.	17						
		A-2-4, SiSa, Wet, gr, Rec. = 0.40m	10	29.2	1.5	67	31.5		
5		A-2-4, SiSa, Moist, gr, Rec. = 0.34m	5	26.8	1.2	76.5	22.3		
		A-4, SiSa, Moist, gr, Rec. = 0.32m	4	28.7	0	62.9	37.1		
		A-4, SiSa, Moist, gr, Rec. = 0.50m	5	29	0	62.6	37.4		
		A-2-4, SiSa, Moist, gr, Rec. = 0.56m	14	28.7	0	67.7	32.3		
10		A-4, SaSi, Moist, gr, Rec. = 0.46m	11	27.4	0	35.7	64.3		
		A-4, SiSa, Moist, gr, Rec. = 0.60m	11	26.6	0	50.3	49.7		
		A-4, SaSi, Moist, gr, Rec. = 0.46m	13	25.9	0	41.5	58.5		

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, Moist, gr, Rec. = 0.45m	15	24.4	0	39.2	60.8		
		A-4, SiSa, Moist, gr, Rec. = 0.46m	15	26.1	0	51.9	48.1		
		A-4, Si, Moist, gr, Rec. = 0.53m	12	29.7	0	19.5	80.5		
20		A-2-4, SiSa, Moist, gr, Rec. = 0.60m	18	24.4	0	64.8	35.2		
		A-2-4, Sa, Moist, gr, Rec. = 0.08m		26.4	0	86.3	13.7		
		Run #1: BXDC, 21.33m-22.78m, Rec. = 1.37m, See Geologist's Report.	1	95	89	40			
		Run #2: BXDC, 22.78m-24.30m, Rec. = 1.34m, See Geologist's Report.	2	100	96	50			
25		Hole stopped @ 24.3m							

GEOLOGISTS REPORT:

Run #1: Gray calcareous slate with some pyrite. Moderately hard. Unweathered. Competent.

Run #2: Gray calcareous slate with pyrite. Moderately hard. Unweathered. Competent.