

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-3 SHEET 1 OF 3 DATE STARTED: 6/2/99 DATE COMPLETED: 6/4/99							
PROJECT NAME: IRASBURG SITE NAME: BR *BI29 STATION: I+14.00 GROUND EL.: 222.254		PROJECT NUMBER: BHF 0251(6) SITE NO.: VT 14 OFFSET: -9.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: YOUNG ADDITIONAL CREW: MCGLYNN		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, SaGr, Dk/gry-brn, Moist, Rec. = 0.27m	19	15.8	47.9	43.9	8.2		
		No Sample, Stone in end of sampler.	23						
5		A-4, SaSi, gry, MTW, Rec. = 0.45m	9	29.8		29.9	70.1		
		A-4, SaSi, gry, MTW, Rec. = 0.32m	11	27.9		45.1	54.9		
		A-4, SaSi, gry, MTW, Rec. = 0.33m	17	27.5	0.7	45.1	54.2		
10		A-2-4, SiSa, gry, MTW, Rec. = 0.32m	25	27.1		65.4	34.6		
		A-4, SiSa, gry, MTW, Rec. = 0.35m	17	28.7		62.4	37.6		
		A-2-4, SiSa, gry, MTW, Rec. = 0.22m	21	24		65	35		
		A-4, SaSi, gry, MTW, Rec. = 0.32m	19	28		26.8	73.2		

GEOLOGISTS REPORT:

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-3 SHEET 2 OF 3 DATE STARTED: 6/2/99 DATE COMPLETED: 6/4/99							
PROJECT NAME: IRASBURG SITE NAME: BR *BI29 STATION: I+14.00 GROUND EL.: 222.254		PROJECT NUMBER: BHF 0251(6) SITE NO.: VT 14 OFFSET: -9.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: YOUNG ADDITIONAL CREW: MCGLYNN		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-4, SaSi, gry, MTW, Rec. = 0.38m	21	30.4		31.7	68.3		
		A-4, SaSi, gry, MTW, Rec. = 0.36m	16	27.8		40.8	59.2		
		A-4, Si, gry, MTW, Rec. = 0.05m	6	36.4		10.3	89.7		
20		A-4, SaSi, gry, MTW, Rec. = 0.35m	20	27.4		48.8	51.2		
		A-4, SaSi, gry, MTW, Rec. = 0.31m	6	30.8		22.3	77.7		
		A-4, SaSi, gry, MTW, Rec. = 0.42m	15	28.3		38.5	61.5		
25		A-2-4, Sa, gry, MTW, Rec. = 0.27m	32	26.1		80	20		
		A-2-4, Sa, gry, MTW, Rec. = 0.42m	21	25.9		87.6	12.4		
		A-2-4, Sa, gry, MTW, Rec. = 0.50m	30	22.1		81.8	18.2		
		A-3, Sa, gry, Moist, Rec. = 0.32m	55	19.9		89.5	10.5		

GEOLOGISTS REPORT:

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-3 SHEET 3 OF 3 DATE STARTED: 6/2/99 DATE COMPLETED: 6/4/99							
PROJECT NAME: IRASBURG SITE NAME: BR *BI29 STATION: I+14.00 GROUND EL.: 222.254		PROJECT NUMBER: BHF 0251(6) SITE NO.: VT 14 OFFSET: -9.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: YOUNG ADDITIONAL CREW: MCGLYNN		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, Sa, gry, Moist, Rec. = 0.37m	31	20.6	0.2	89.1	10.7		
		A-2-4, SiSa, gry, Moist, Rec. = 0.27m	7	14.2	0.1	79.1	20.8		
		Top of bedrock @ 33.0m							
		Run #1: BXMDC, 33.0m-33.6m, Rec. = 0.60m, See Geologist's Report.	RUN	REC%	ROD%	Dip°			
		Run #2: BXMDC, 33.6m-35.1m, Rec. = 1.42m, See Geologist's Report.	1	100	100	50			
		Run #3: BXMDC, 35.1m-36.0m, Rec. = 0.90m, See Geologist's Report.	2	95	95	50			
35			3	100	100	50			
		Hole stopped @ 36.0m							

GEOLOGISTS REPORT:

- Run #1: Gray Limestone, Moderately Hard. Unweathered. Competent.
- Run #2: Same as Run #1. Competent.
- Run #3: Same as Run #1. Competent.