

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		
15									

GEOLOGISTS REPORT:

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

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

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-2 SHEET 1 OF 3 DATE STARTED: 9/3/97 DATE COMPLETED: 9/9/97							
PROJECT NAME: IRASBURG SITE NAME: BR *B129 STATION: I+133.00 GROUND EL.: 219.783		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
		A-1-b, GrSa, Wet, br, Rec. = 0.21m	6	18.4	42	55.1	2.9		
		A-1-a, Gr, Wet, gr, Rec. = 0.18m	16	NA	85.2	12	2.8		
		A-4, GrSaSi, Sat, gr/br, Rec. = 0.33m	8	21.9	22.7	38.6	38.7		
		A-4, SiSa, Moist, gr, Rec. = 0.35m	5	31.4	0	61.9	38.1		
		A-2-4, SiSa, Moist, gr, Rec. = 0.30m	14	29.2	0	73.9	26.1		
5		A-2-4, SiSa, Wet, gr, Rec. = 0.34m	8	29.1	0	79.1	20.9		
		A-4, SaSi, Wet, gr, Rec. = 0.55m	4	34	0	24.3	75.7		
		A-4, SaSi, Moist, br, Rec. = 0.50m	10	31.6	0	23.6	76.4		
		A-4, SiSa, Moist, gr, Rec. = 0.53m	12	28.3	0	62.1	37.9		
		A-4, SaSi, Moist, gr, Rec. = 0.47m	11	31.2	0	23.9	76.1		
10		A-4, Si, Moist, gr, Rec. = 0.50m	9	29.9	0	15.8	84.2		
		A-4, SaSi, Moist, gr, Rec. = 0.45m	11	33.4	0	38	62		
		A-4, SaSi, Moist, gr, Rec. = 0.36m	11	27.9	0	31.8	68.2		
		A-4, SiSa, Moist, gr, Rec. = 0.36m	26	28.2	0	50.7	49.3		
		A-4, SiSa, Moist, gr, Rec. = 0.28m	22	25.7	0	54.3	45.7		
15									

GEOLOGISTS REPORT:

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-2 SHEET 2 OF 3 DATE STARTED: 9/3/97 DATE COMPLETED: 9/9/97							
PROJECT NAME: IRASBURG SITE NAME: BR *B129 STATION: I+133.00 GROUND EL.: 219.783		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
		A-2-4, SiSa, Wet, gr, Rec. = 0.30m	10	31.7	0	68	32		
		A-4, SaSi, Moist, gr, Rec. = 0.48m	12	28.2	0	32.8	67.2		
		A-4, SiSa, Moist, gr, Rec. = 0.49m	8	28.6	0	55.9	44.1		
		A-2-4, SiSa, Moist, gr, Rec. = 0.45m	8	29.4	0	68.4	31.6		
		A-4, SaSi, Moist, gr, Rec. = 0.45m	22	29	0	37.3	62.7		
20		A-2-4, SiSa, Moist, gr, Rec. = 0.60m	28	26.7	0	67.4	32.6		
		A-2-4, Sa, Moist, gr, Rec. = 0.60m	16	22.3	0	87	13		
		A-2-4, Sa, Moist, gr, Rec. = 0.45m	26	23.8	0	84.3	15.7		
		A-2-4, Sa, Moist, gr, Rec. = 0.50m	26	22.4	0	95.3	4.7		
		A-3, Sa, Moist, gr, Rec. = 0.40m	32	20.8	0.3	91.3	8.4		
25		A-3, Sa, Moist, gr, Rec. = 0.43m	44	27.4	0.2	90	9.8		
		A-2-4, SiSa, Moist, gr, Rec. = 0.43m	44	19.9	1.2	72.7	26.1		
		A-2-4, SiSa, Moist, gr, Rec. = 0.60m	44	22.2	0.8	65.5	33.7		
		A-2-4, GrSa, Moist, gr, Rec. = 0.17m	60	20.1	22.4	62.7	14.9		
30									

GEOLOGISTS REPORT:

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-2 SHEET 3 OF 3 DATE STARTED: 9/3/97 DATE COMPLETED: 9/9/97							
PROJECT NAME: IRASBURG SITE NAME: BR *B129 STATION: I+133.00 GROUND EL.: 219.783		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
		Top of bedrock @ 30.48m							
		Run #1: BXDC, 30.48m-32.00m, Rec. = 1.448m, See Geologist's Report.	1	95	95	50			
		Run #2: BXDC, 32.00m-33.53m, Rec. = 1.524m, See Geologist's Report.	2	88	88	50			
		Hole stopped @ 33.53m							
35									
40									

GEOLOGISTS REPORT:

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

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

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 <i>(Description)</i>	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 <i>(Description)</i>	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 <i>(Description)</i>	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.

**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:

**STATE OF VERMONT
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SUBSURFACE INFORMATION**

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

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
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-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		
		Run #1: 29.5m-31.0m, Continued on next page.							

GEOLOGISTS REPORT:

**STATE OF VERMONT
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SUBSURFACE INFORMATION**

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

HOLE NO.: B-5
SHEET 3 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
		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.

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-8 SHEET 1 OF 3 DATE STARTED: 6/18/99 DATE COMPLETED: 6/23/99							
PROJECT NAME: IRASBURG SITE NAME: BR #B129 STATION: I+155.00 GROUND EL.: 224.424		PROJECT NUMBER: BHF 0251(6) SITE NO.: VT 14 OFFSET: 5.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: YOUNG 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
		No Sample, BOULDERS							
		No Sample, BOULDERS							
5		A-2-4, SiSa, gry, MTW, Rec. = 0.05m	7	25.9	2.8	63.6	33.6		
		A-4, SiSa, gry, MTW, Rec. = 0.29m	11	27.6	6.7	46.7	46.6		
		A-4, Si, gry, MTW, Rec. = 0.21m	8	30.7		11.5	88.5		
		A-4, Si, gry, MTW, Rec. = 0.33m	7	27.9	0.1	15.6	84.3		
10		A-2-4, SiSa, gry, MTW, Rec. = 0.45m	6	28.7	0.2	69.8	30		
		A-4, SaSi, gry, MTW, Rec. = 0.32m	5	29.8	2.1	29.6	68.3		
		A-2-4, SiSa, gry, MTW, Rec. = 0.20m	5	30.6	0	64.9	35.1		

GEOLOGISTS REPORT:

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-8 SHEET 2 OF 3 DATE STARTED: 6/18/99 DATE COMPLETED: 6/23/99							
PROJECT NAME: IRASBURG SITE NAME: BR #B129 STATION: I+155.00 GROUND EL.: 224.424		PROJECT NUMBER: BHF 0251(6) SITE NO.: VT 14 OFFSET: 5.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: YOUNG 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-4, SiSa, gry, MTW, Rec. = 0.24m	6	30.1		54.1	45.9		
		A-4, SaSi, gry, MTW, Rec. = 0.17m	9	29.4		23.4	76.6		
		A-4, SaSi, gry, MTW, Rec. = 0.26m	8	29.4		48.9	51.1		
20		A-4, SaSi, gry, MTW, Rec. = 0.17m	8	28.8		35.8	64.2		
		A-4, SaSi, gry, MTW, Rec. = 0.25m	7	24.1		40.1	59.9		
		A-4, SaSi, gry, MTW, Rec. = 0.27m	7	29		20.5	79.5		
		A-4, SaSi, gry, MTW, Rec. = 0.41m	7	26.6		26	74		
25		No Sample	23						
		A-2-4, SiSa, gry, MTW, Rec. = 0.32m	19	23.4	0.3	78	21.7		
		Top of bedrock @ 28.04m							
		Run #1: BXMDC, 28.04m-29.54m, Rec. = 1.47m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	98	98	50			
		Run #2: BXMDC, 29.54m-31.04m, Continued on next page.	2	100	100	50			

GEOLOGISTS REPORT:

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-8 SHEET 3 OF 3 DATE STARTED: 6/18/99 DATE COMPLETED: 6/23/99							
PROJECT NAME: IRASBURG SITE NAME: BR #B129 STATION: I+155.00 GROUND EL.: 224.424		PROJECT NUMBER: BHF 0251(6) SITE NO.: VT 14 OFFSET: 5.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: YOUNG 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
		Run #2: BXMDC, 29.54m-31.04m, Rec. = 1.50m, See Geologist's Report.							
		Hole stopped @ 31.04m							

GEOLOGISTS REPORT:

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

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