



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

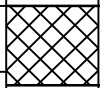
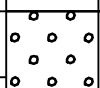
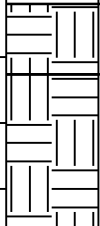
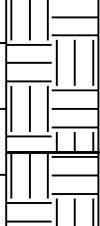
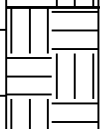
HOLE NO.: B-2  
SHEET 1 OF 1  
DATE STARTED: 8/15/0  
DATE COMPLETED: 8/15/0

PROJECT NAME: GRANVILLE  
SITE NAME: BR 15  
STATION: I+020.50  
GROUND EL.: 253.580

PROJECT NUMBER: BRO 1444(34)  
SITE NO.: TH 23  
OFFSET: 0.00  
G.W. DEPTH:

BORING CREW  
CREW CHIEF: R. TALLMAN  
DRILLER: R. TALLMAN  
LOGGER: E. CHABOT  
ADDITIONAL CREW:

BORING RIG: UNI-MOG  
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, possible fill material							
		A-1-a, SaGr, brn, Moist rec.=0.14m	R	13.5	56.3	30.5	13.2		
				Top of Bedrock at 4.01 m					
				RUN	REC%	RQD%	DIP°		
		RUN#1: BXDC 4.01m-4.63m Rec.=0.52m See Geol. Report		1	100	0	85		
5		RUN#2: BXDC 4.63m-5.83m Rec.=0.61m See Geologist's Report		2	51	0	85		
		RUN#3: BXDC 5.83m-6.81m Rec.=0.62m See Geologist's Report		3	63	57	85		
		Hole stopped at 6.81m							
10									

**GEOLOGISTS REPORT:**

Run #1: Pale green quartz-chlorite-albite-seracite schist with quartz veins. Moderately soft. Slightly Weatherd. Poor Competency.

Run #2: Same as Run #1. Poor Competency.

Run #3: Same as Run #1, but rock is moderately hard with little little weathering. Competent.

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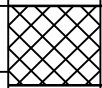

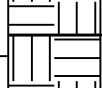
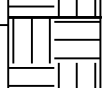

HOLE NO.: B-3  
SHEET 1 OF 1  
DATE STARTED: 8/28/0  
DATE COMPLETED: 8/28/0

PROJECT NAME: GRANVILLE  
SITE NAME: BR 15  
STATION: I+021.30  
GROUND EL.: 252.949

PROJECT NUMBER: BRO 1444(34)  
SITE NO.: TH 23  
OFFSET: -4.00  
G.W. DEPTH:

BORING CREW  
CREW CHIEF: R. TALLMAN  
DRILLER: R. TALLMAN  
LOGGER: E. CHABOT  
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
	CONCRE	0.00m-0.20 Concrete							
		1.50m-2.10m, Possible fill material							
				Top of Bedrock at 2.89m					
		RUN#1: BXDC 2.89m-3.24m Rec.=0.35m See Geol. Report		RUN 1	REC% 100	RQD% 100	DIP° 85		
		RUN#2: BXDC 3.24m-3.84m Rec.=0.53m See Geol. Report		2	88	88	85		
		RUN#3: BXDC 3.84m-4.44m Rec.=0.59m See Geol. Report		3	98	93	85		
5		RUN#4: BXMDC 4.44m-5.96m Rec.=1.35m See Geologist's Report		4	89	76	85		
		See Geol. Report		Hole stopped at 5.96m					
10									

**GEOLOGISTS REPORT:**

- Run #1: Pale green quartz-chlorite-albite-seracite schist with quartz veins. Moderately hard. Unweathered. Competent.
- Run #2: Same as Run #1. Competent
- Run #3: Same as Run #1. Competent
- Run #4: Same as Run #1. Competent

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

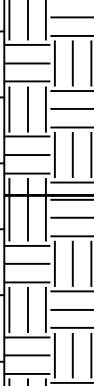

HOLE NO.: B-4  
SHEET 1 OF 1  
DATE STARTED: 8/8/0  
DATE COMPLETED: 8/8/0

PROJECT NAME: GRANVILLE  
SITE NAME: BR 15  
STATION: I+031.00  
GROUND EL.: 252.927

PROJECT NUMBER: BRO 1444(34)  
SITE NO.: TH 23  
OFFSET: 4.20  
G.W. DEPTH:

BORING CREW  
CREW CHIEF: R. YOUNG  
DRILLER: R. YOUNG  
LOGGER: K. RUSSELL  
ADDITIONAL CREW:

BORING RIG: UNI-MOG  
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
		1.50m-2.10m, Possible fill material							
		A-1-a, SaGr, brn-gry, Moist rec.=0.22m	60	9.7	60.6	27.3	12.1		
		A-1-b, SiSaGr (HP), brn-gry, Dry Rec.=0.08m	R	8.1	40.5	39.1	20.4		
				Top of Bedrock at			4.72m		
5		RUN#1: BXMDC 4.72m-6.24m Rec.=1.43m See Geologist's Report		RUN	REC%	RQD%	DIP°		
				1	94	80	85		
		RUN#2: BXMDC 6.24m-7.76m Rec.=1.50m See Geologist's Report		2	99	86	85		
		Hole stopped at 7.76m							
10									

**GEOLOGISTS REPORT:**

Run #1: Pale green quartz-chlorite-albite-seracite schist with quartz veins. Moderately hard. Unweathered. Competent.

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



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HOLE NO.: B-6  
SHEET 1 OF 1  
DATE STARTED: 8/9/0  
DATE COMPLETED: 8/9/0

PROJECT NAME: GRANVILLE  
SITE NAME: BR 15  
STATION: I+033.50  
GROUND EL.: 252.964

PROJECT NUMBER: BRO 1444(34)  
SITE NO.: TH 23  
OFFSET: -4.20  
G.W. DEPTH:

BORING CREW  
CREW CHIEF: R. YOUNG  
DRILLER: R. YOUNG  
LOGGER: K. RUSSELL  
ADDITIONAL CREW:

BORING RIG: UNI-MOG  
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-a, SaGr, brn-gry, Moist, rec. 0.31m	28	10.3	53.7	36.1	10.2		
		BXDC 2.74m-3.00m, Boulders							
		A-1-a, SaGr, brn-gry, Dry, rec. = 0.22m	46	9.3	57	31.6	11.4		
		BXDC 3.96m-4.49m, Boulders							
					Top of Bedrock at 4.49m				
5		RUN#1: BXDC 4.49m-5.70m Rec. = 1.23m See Geologist's Report		RUN	REC%	RQD%	DIP°		
				1	100	89	85		
		RUN#2: BXDC 5.70m-6.97m Rec. = 1.22m See Geologist's Report		2	96	96	85		
		Hole stopped at 6.97m							

**GEOLOGISTS REPORT:**

Run #1: Pale green quartz-chlorite-albite-seracite schist with quartz veins. Moderately hard. Unweathered. Competent.

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