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

HOLE NO.: B-1
SHEET 1 OF 1
DATE STARTED: 8/30/0
DATE COMPLETED: 8/31/0

PROJECT NAME: GRANVILLE
SITE NAME: BR 15
STATION: 1+018.50
GROUND EL.: 253.412

PROJECT NUMBER: BRO 1444(34)
SITE NO.: TH 23
OFFSET: 4.50
G.W. DEPTH:

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

BORING RIG: SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

TOP OF FOOTING, ABUTMENT # 1, ELEV 250.200

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		0.00m-1.55m (BXDC 1.37m-1.55m) Possible fill material							
		1.55m-2.00m, Wood - Changed casing bit from diamond to sawtooth							
		BXDC 2.10m-3.30m No Sample, Boulders							
				Top of Bedrock at 4.26m					
				RUN	REC%	ROD%	DIP°		
5		RUN#1: BXMDC 4.26m-5.78m Rec.=1.30m See Geologist's Report		1	86	86	85		
		RUN#2: BXMDC 5.78m-7.30m Rec.=1.50m See Geologist's Report		2	99	90	85		
				Hole stopped at 7.30m					
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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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: 1+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

TOP OF FOOTING, ABUTMENT # 1, ELEV 250.200

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%	ROD%	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.

STATE OF VERMONT
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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: 1+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

TOP OF FOOTING, ABUTMENT # 1, ELEV 250.200

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	REC%	ROD%	DIP°		
		RUN#1: BXDC 2.89m-3.24m Rec.=0.35m See Geol. Report		1	100	100	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		
				Hole stopped at 5.96m					
		See Geol. Report							
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

STATE OF VERMONT
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SUBSURFACE INFORMATION

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: 1+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

TOP OF FOOTING, ABUTMENT # 2, ELEV 249.000

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					
				RUN	REC%	ROD%	DIP°		
5		RUN#1: BXMDC 4.72m-6.24m Rec.=1.43m See Geologist's Report		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.

PROJECT: GRANVILLE	PROJECT NO.: BRO 1444 (34)
DESIGN FILE NAME: MJ100BOR.DGN	PLOT DATE: 09/21/00
IPARM FILE NAME: sj100boi.i	SURVEY DATE: 1/96
SURVEYED BY: L. ORVIS	DRAWN BY: CHAD A. ALLEN
SQUAD LEADER: CHRISTOPHER C. BENDA	SHEET: 12 OF 39

VAOT Metric