

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

HOLE NO.: B-02  
SHEET 1 OF 1  
DATE STARTED: 12/10/02  
DATE COMPLETED: 12/12/02

PROJECT NAME: BURKE  
SITE NAME: BR 16  
STATION: 2+45.50  
GROUND EL.: 292.08

PROJECT NUMBER: BRZ 1447(15)  
SITE NO.: TH 7  
OFFSET: -6.00  
G.W. DEPTH: 1.20 12/12/02

BORING CREW  
CREW CHIEF: YOUNG  
DRILLER: YOUNG  
LOGGER: RUSSELL  
ADDITIONAL CREW:

BORING RIG: LAG TRACK 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
▽		BXDC, 1.20m-1.70m, Boulder, Cleaned out casing.							
		BXDC, 2.74m-3.00m, Cleaned out casing.	R	5.7	62	20.3	17.7		
		A-1-b, SaGr with Broken Rock gry, Moist, Rec. = 0.08m							
		BXDC, 4.26m-4.70m, Boulder, Cleaned casing.							
5		BXDC, 5.75m-6.00m, Cleaned out casing.	R	9.1	14.3	48.5	37.2		
		A-4, SiSa, gry, Moist, Rec. = 0.07m							
		A-4, SaSi, gry, Moist, Rec. = 0.20m	R	12.8	13.1	42.9	44		
		BXDC, 8.75m-9.00m, Cleaned out casing.	R	10.5	16.3	41.3	42.4		
		A-4, SaSi, gry, Moist, Rec. = 0.08m							
10		A-1-b, SiGrSa, gry, Moist, Rec. = 0.08m	R	8.6	38.5	40.9	20.6		
		BXDC, 11.88m-12.50m, Boulder, Cleaned casing.							

BOTTOM OF FOOTING ABUTMENT #1  
ELEVATION = 288.150

Hole stopped @ 12.50m

DRILLER'S NOTES:  
1. Moved hole 1.5m from brook.

GEOLOGISTS REPORT:

**STATE OF VERMONT  
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SUBSURFACE INFORMATION**

HOLE NO.: B-08  
SHEET 1 OF 1  
DATE STARTED: 12/2/02  
DATE COMPLETED: 12/6/02

PROJECT NAME: BURKE  
SITE NAME: BR 16  
STATION: 2+453.00  
GROUND EL.: 291.99

PROJECT NUMBER: BRZ 1447(15)  
SITE NO.: TH 7  
OFFSET: 6.00  
G.W. DEPTH: 1.49 12/06/02

BORING CREW  
CREW CHIEF: YOUNG  
DRILLER: YOUNG  
LOGGER: SOMERS  
ADDITIONAL CREW:

BORING RIG: LAG TRACK 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
▽		BXDC, 1.13m-1.50m, Cleaned casing.							
		A-1-b, SiSaGr with some weathered rock, brn-gry, Moist, Rec. = 0.32m	38	10.3	41	37.2	21.8		
		BXDC, 2.65m-3.0m, Cleaned casing.							
		A-2-4, SaSiGr, gry, Moist, Rec. = 0.10m	R	9.1	42.1	28.9	29		
		A-2-4, GrSiSa, gry, Moist, Rec. = 0.09m	R	8.5	30.9	36.4	32.7		
5		BXDC, 5.00m-6.30m, Boulders, Cleaned casing.							
		BXDC, 7.31m-7.50m, Cleaned casing.							
		A-4, GrSiSa, gry, Moist, Rec. = 0.10m	R	10.1	21.7	42.6	35.7		
		BXDC, 8.83m-9.00m, Cleaned casing.							
		A-4, SiSa, gry, Moist, Rec. = 0.28m	R	17	13.1	44.9	42		
10		BXDC, 10.2m-10.5m, Cleaned casing.							
		A-1-b, SiGrSa, gry, Moist, Rec. = 0.15m	R	10.2	34.4	41.3	24.3		
		BXDC, 11.75m-12.2m, Cleaned casing.							
		A-1-b, SiSaGr, gry, Moist, Rec. = 0.13m	R	11.5	41.9	37.7	20.4		

BOTTOM OF FOOTING ABUTMENT #2  
ELEVATION = 288.150

Hole stopped @ 12.25m

GEOLOGISTS REPORT:

**BORING LOG #1**

PROJECT:	BURKE	PROJECT NO.:	BRZ 1447 (15)
DESIGN FILE NAME:	/M&R/87e043/me043bor.dgn		
IPARM FILE NAME:	se043bor3.i	PLOT DATE:	10-MAR-2008
SURVEYED BY:	A. MYERS	SURVEY DATE:	12/95
SQUAD LEADER:	C. C. BENDA	DRAWN BY:	J. TOUCHETTE
DATE:	12/02	SHEET:	26 OF 81

