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

HOLE NO.: B-12
SHEET 1 OF 1
DATE STARTED: 11/25/02
DATE COMPLETED: 11/26/02

PROJECT NAME: BURKE
SITE NAME: BR 17
STATION: 2+319.50
GROUND EL.: 298.92

PROJECT NUMBER: BRZ 1447(15)
SITE NO.: TH 7
OFFSET: 5.50
G.W. DEPTH: 1.37 11/26/02

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

BORING RIG: LAG TRACK RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

BOTTOM OF FOOTING ABUTMENT #1 ELEVATION = 295.00

BOTTOM OF FOOTING ABUTMENT #2 ELEVATION = 295.00

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		BXDC, 1.28m-1.50m, Cleaned casing							
		A-2-4, GrSiSa, gry, Moist, Rec. = 0.25m	R	10.2	29.1	38.9	32		
		BXDC, 2.85m-3.00m, Cleaned casing							
		A-2-4, SiSaGr, gry, Moist, Rec. = 0.15m	R	9	39.7	33.5	26.8		
		BXDC, 4.28m-4.50m, Cleaned casing							
		A-4, GrSiSa, gry, Moist, Rec. = 0.22m	R	9.5	26.2	37.2	36.6		
5									
		BXDC, 5.85m-6.00m, Cleaned out casing.							
		A-4, SiSa, gry, Moist, Rec. = 0.32m	R	10.5	11.6	48.6	39.8		
		A-4, SaSi, gry-brn, Moist, Rec. = 0.54m	76	16.3	14.8	32.9	52.3		
		A-1-b, SaGr, brn, Moist, Rec. = 0.12m	R	14	56.4	27.6	16		
10		BXDC, 9.65m-10.25m, Cleaned out casing.							
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.09m	R	11.3	38.9	36.7	24.4		
		A-1-b, SaGr, brn, Moist, Rec. = 0.20m	R	10.6	53.2	30.7	16.1		

Hole stopped @ 12.36m

GEOLOGISTS REPORT:

STATE OF VERMONT
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SUBSURFACE INFORMATION

HOLE NO.: B-14
SHEET 1 OF 1
DATE STARTED: 11/18/2
DATE COMPLETED: 11/19/02

PROJECT NAME: BURKE
SITE NAME: BR 17
STATION: 2+329.00
GROUND EL.: 299.79

PROJECT NUMBER: BRZ 1447(15)
SITE NO.: TH 7
OFFSET: 4.00
G.W. DEPTH: 2.13 11/19/02

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

BORING RIG: LAG TRACK RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

BOTTOM OF FOOTING ABUTMENT #2 ELEVATION = 295.00

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
	CONCRE	BXDC, 1.06m-1.67m, Into Concrete, Cleaned out casing.							
		BXDC, 2.05m-3.00m, Cleaned out casing.							
		A-2-4, GrSiSa HP, gry, Moist, Rec. = 0.25m	R	10.9	28.5	38.5	33		
		BXDC, 4.30m-4.50m, Cleaned casing							
		A-2-4, GrSiSa, gry, Moist, Rec. = 0.20m	R	10.7	27.1	40.7	32.2		
5									
		A-4, GrSaSi, brn-gry, Moist Rec. = 0.54m	55	19.5	23.1	26.6	50.3		
		A-4, GrSaSi, gry, Moist, Rec. = 0.55m	83	16.5	27.7	28.7	43.6		
		A-4, GrSaSi, gry, Moist, Rec. = 0.40m	81	18.5	23.1	37.7	39.2		
10									
		A-2-4, SiGrSa, gry-brn, Moist, Rec. = 0.08m	R	14.5	30.9	38.9	30.2		

Hole stopped @ 10.60m

GEOLOGISTS REPORT:

STATE OF VERMONT
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MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION

HOLE NO.: B-15
SHEET 1 OF 1
DATE STARTED: 11/15/02
DATE COMPLETED: 11/18/02

PROJECT NAME: BURKE
SITE NAME: BR 17
STATION: 2+330.50
GROUND EL.: 299.48

PROJECT NUMBER: BRZ 1447(15)
SITE NO.: TH 7
OFFSET: 6.00
G.W. DEPTH: No water found, Hole caved in.

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

BORING RIG: LAG TRACK RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

BOTTOM OF FOOTING ABUTMENT #2 ELEVATION = 295.00

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. = 0.18m	7	13.4	40.4	46	13.6		
		A-1-b, GrSa, brn, Moist, Rec. = 0.17m	17	13.8	35.1	47.4	17.5		
		A-1-b, GrSa with Concrete, brn, Moist, Rec. = 0.38m	39	20.1	28.1	60.5	11.4		
		BXDC, 2.40m-2.88m, Concrete & Boulders							
		A-2-4, SiGrSa, gry, Moist, Rec. = 0.15m	R	10	35	38.3	26.7		
		A-1-b, SiSaGr, gry, Moist, Rec. = 0.13m	R	8.2	46.2	31.6	22.2		
		A-2-4, SiGrSa, gry, Moist, Rec. = 0.22m	R	11.3	25.1	50.1	24.8		
5		A-4, SiSa, gry, Moist, Rec. = 0.15m	R	10.6	10.7	48.5	40.8		
		BXDC, 5.2m-5.4m, Cleaned out							
		A-4, SiSa, gry, Moist, Rec. = 0.35m	R	11.2	15	46.7	38.3		
		A-4, SaGrSi, brn, Moist, Rec. = 0.50m	R	14.2	33	21.6	45.4		
		Visual Class: Broken Weathered Rock, gry, Moist, Rec. = 0.12m	R	11.9					
		BXDC, 8.07m-9.29m, Various Boulders							
10									

Hole stopped @ 9.29m

GEOLOGISTS REPORT:

STATE OF VERMONT
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MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION

HOLE NO.: B-16
SHEET 1 OF 1
DATE STARTED: 11/21/02
DATE COMPLETED: 11/22/02

PROJECT NAME: BURKE
SITE NAME: BR 17
STATION: 2+329.50
GROUND EL.: 299.17

PROJECT NUMBER: BRZ 1447(15)
SITE NO.: TH 7
OFFSET: -6.00
G.W. DEPTH: 1.22 11/22/02

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

BORING RIG: LAG TRACK RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

BOTTOM OF FOOTING ABUTMENT #2 ELEVATION = 295.00

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-1-a, SaGr, brn, Moist, Rec. = 0.38m	64	12.1	55.6	34.4	10		
		BXDC, 2.85m-3.00m, Cleaned casing							
		A-1-b, GrSa, brn-gry, Moist, Rec. = 0.47m	97	13.9	32.2	48.5	19.3		
		BXDC, 4.47m-4.50m, Cleaned out							
		A-1-b, SaGr, brn-gry, Moist, Rec. = 0.23m	R	12.5	49.1	32.7	18.2		
5									
		BXDC, 5.78m-6.00m, Cleaned casing							
		A-1-b, SaGr, brn, Moist, Rec. = 0.31m	R	8.8	47.4	32.8	19.8		
		BXDC, 7.35m-7.50m, Cleaned casing							
		A-4, GrSaSi, brn, Moist, Rec. = 0.18m	R	16.3	24.6	35.9	39.5		
		A-4, GrSaSi, brn, Moist, Rec. = 0.20m	R	15.4	22	25.1	52.9		
10									
		Visual Class: Broken Weathered Rock, brn, Moist Rec. = 0.19m	R	16.2					

Hole stopped @ 10.69m

GEOLOGISTS REPORT:

BORING LOG #2

PROJECT:	PROJECT NO.:
BURKE	BRZ 1447(15)

DESIGN FILE NAME: /M&R/87e043/me043bor.dgn
IPARM FILE NAME: se043bor4.i
SURVEYED BY: A. MYERS
SQUAD LEADER: C.C. BENDA
DATE: 12/02

PLOT DATE: 10-MAR-2008
SURVEY DATE: 12/95
DRAWN BY: J. TOUCHETTE
SHEET: 27 OF 81

VAOT Metric