

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B-1 SHEET 1 OF 2 DATE STARTED: 10/21/97 DATE COMPLETED: 10/29/97						
PROJECT NAME: CORINTH SITE NAME: BR* 34 STATION: I+077.50 GROUND EL.: 235.500			PROJECT NUMBER: BRO 1447(22) SITE NO.: TH #50 OFFSET: -5.50 G.W. DEPTH: 1.5						
BORING CREW CREW CHIEF: WILLIS DRILLER: TALLMAN R LOGGER: 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, brn, Moist, Rec. = 0.30m	4	17.6	25.3	69.1	5.6		
		No Rec.	4						
5		A-1-a, SaGr, brn, MTW, Rec. = 0.10m	14	NA	56.1	36.3	7.6		
		A-2-4, SiSa, gry, Wet, Rec. = 0.43m	7	22.1		73.4	26.6		
		A-2-4, SiSa, gry, Moist, Rec. = 0.37m	10	23.2		72.2	27.8		
10		A-4, Si, gry, Wet, Rec. = 0.60m	3	32.3		3	97	24	2
		A-4, Si, gry, Wet, Rec. = 0.45m	4	24.9		17	83		
		A-3, Sa, gry, Wet, Rec. = 0.23m	15	23	0	96	4		
15		A-3, Sa, gry, Wet, Rec. = 0.33m	27	20.7	4.9	89.2	5.9		

GEOLOGISTS REPORT: See next sheet.

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B-1 SHEET 2 OF 2 DATE STARTED: 10/21/97 DATE COMPLETED: 10/29/97						
PROJECT NAME: CORINTH SITE NAME: BR* 34 STATION: I+077.50 GROUND EL.: 235.500			PROJECT NUMBER: BRO 1447(22) SITE NO.: TH #50 OFFSET: -5.50 G.W. DEPTH: 1.5						
BORING CREW CREW CHIEF: WILLIS DRILLER: TALLMAN R LOGGER: 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, Sa, gry, Wet, Rec. = 0.30m	33	18.1	11.3	75.3	13.4		
		BXDC, 15.8m-16.3m, Boulders							
		A-1-a, SaGr, gry, Wet, Rec. = 0.15m	R	8.1	58.8	32.7	8.5		
		A-1-b, SiSaGr, gry, Wet, Rec. = 0.03m	R	10.9	46.2	30.6	23.2		
20		A-4, Si HP, gry, Wet, Rec. = 0.28m	R	19.4	9.8	10.4	79.8		
		Top of bedrock @ 20.5m							
		Run #1: BXMDC, 20.5m-22.0m, Rec. = 1.48m, See Geologist's Report.	RUN	REC %	RQD %	Dip°			
			1	99	0	5-20			
		Run #2: BXMDC, 22.0m-23.5m, Rec. = 1.50m, See Geologist's Report.	2	100	15	5-20			
25		Hole stopped @ 23.5m							

GEOLOGISTS REPORT:

Run #1: Gray schist with thin limestone (interbedded).  
Hard to very hard. Unweathered.  
Poor RQD due to mechanical breakage during drilling.

Run #2: Same as Run #1.



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

HOLE NO.: B-4  
SHEET 1 OF 2  
DATE STARTED: 11/5/97  
DATE COMPLETED: 11/21/97

PROJECT NAME: CORINTH  
SITE NAME: BR# 34  
STATION: I+101.00  
GROUND EL.: 234.796

PROJECT NUMBER: BRO 1447(22)  
SITE NO.: TH #50  
OFFSET: -10.00  
G.W. DEPTH:

BORING CREW  
CREW CHIEF: WILLIS  
DRILLER: TALLMAN R  
LOGGER:  
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-a, SaGr, brn, Wet, Rec. = 0.15m	18		64.5	30	5.5		
		No Rec.	8						
5		No Rec.	7						
		No Rec.	10						
		A-4, SiSa, gry, Wet, Rec. = 0.45m	11	23.4	1	63.5	35.5		
10		A-4, SaSi, gry, Wet, Rec. = 0.40m	6	23		26.3	73.7		
		A-4, SaSi, gry, Wet, Rec. = 0.60m	9	26.5		19.8	80.2		
		A-4, Si, gry, Wet, Rec. = 0.60m	4	29.2		2.7	97.3	24	2
15		A-4, Si, gry, Wet, Rec. = 0.60m	9	30.5		4.9	95.1	24	1

GEOLOGISTS REPORT: See next sheet.

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

HOLE NO.: B-4  
SHEET 2 OF 2  
DATE STARTED: 11/5/97  
DATE COMPLETED: 11/21/97

PROJECT NAME: CORINTH  
SITE NAME: BR# 34  
STATION: I+101.00  
GROUND EL.: 234.796

PROJECT NUMBER: BRO 1447(22)  
SITE NO.: TH #50  
OFFSET: -10.00  
G.W. DEPTH:

BORING CREW  
CREW CHIEF: WILLIS  
DRILLER: TALLMAN R  
LOGGER:  
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, Si, gry, Wet, Rec. = 0.60m	3	27.1		6.8	93.2		
		No Rec.	23						
		A-1-b, SiSaGr, gry, Wet, Rec. = 0.15m	R	12.2	46.3	31	22.7		
20		A-6, SiCl, gry, Wet, Rec. = 0.20m	R	14.1		6.3	93.7	30	11
		A-4, SaGrSi, gry, Moist, Rec. = 0.15m	R	8.1	32.7	28.1	39.2		
		Top of bedrock @ 22.0m							
		Run #1: BXMDC, 22.0m-23.5m, Rec. = 1.35m, See Geologist's Report.	RUN	REC %	RQD %	Dip°			
			1	90	25	5-25			
		Run #2: BXMDC, 23.5m-25.0m, Rec. = 1.26m, See Geologist's Report.	2	84	30	5-25			
25		Hole stopped @ 25.0m							

GEOLOGISTS REPORT:

Run #1: Gray schist with thin interbedded limestone. Hard to very hard. Unweathered. Poor RQD due to mechanical breakage during drilling.

Run #2: Same as Run #1.

<b>STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS &amp; RESEARCH DIVISION SUBSURFACE INFORMATION</b>		HOLE NO.: B-6 SHEET 1 OF 2 DATE STARTED: 10/15/97 DATE COMPLETED: 10/20/97	
PROJECT NAME: CORINTH SITE NAME: BR* 34 STATION: I+104.50 GROUND EL.: 235.299		PROJECT NUMBER: BRO 1447(22) SITE NO.: TH #50 OFFSET: 5.00 G.W. DEPTH: 1.8	
BORING CREW CREW CHIEF: TALLMAN . DRILLER: WILLIS LOGGER: GAMMELL . 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, Sa, brn, Moist, Rec. = 0.32m	5	29.3	0.2	82.9	16.9		
		A-2-4, Sa, gry, Moist, Rec. = 0.15m, Trace of Wood (tree root).	2	34.1	1.9	84.7	13.4		
		No Rec.	7						
		A-2-4, SiSa, brn, Moist, Rec. = 0.40m	2	25.5	0.1	69.6	30.3		
5		A-2-4, SiSa, gry, Moist, Rec. = 0.35m	5	21.6		65.8	34.2		
		A-3, Sa, gry, Moist, Rec. = 0.50m	8	21.3		92.9	7.1		
		A-2-4, SiSa, gry, Moist, Rec. = 0.42m	10	17.6	0.2	69.1	30.7		
		A-2-4, SiSa, gry, Moist, Rec. = 0.30m	31	18.8	0.2	74.5	25.3		
		A-4, SaSi, gry, MTW, Rec. = 0.45m	8	25.7		44.5	55.5		
10		A-4, Si, gry, MTW, Rec. = 0.45m	2	22.3		7.7	92.3		
		A-4, Si, gry, Wet, Rec. = 0.11m	6	27.9	1	3.9	95.1		
		A-4, SaSi, gry, Wet, Rec. = 0.25m	4	22.7		45.9	54.1		
		A-4, Si, gry, Wet, Rec. = 0.35m		33.4		0.4	99.6	25	2
		A-4, ClSi, gry, Wet, Rec. = 0.60m	4	27.5		3.3	96.7	27	7
		A-4, Si, gry, Wet, Rec. = 0.25m	4	32.5		3.5	96.5		
15									

GEOLOGISTS REPORT: See next sheet.

<b>STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS &amp; RESEARCH DIVISION SUBSURFACE INFORMATION</b>		HOLE NO.: B-6 SHEET 2 OF 2 DATE STARTED: 10/15/97 DATE COMPLETED: 10/20/97	
PROJECT NAME: CORINTH SITE NAME: BR* 34 STATION: I+104.50 GROUND EL.: 235.299		PROJECT NUMBER: BRO 1447(22) SITE NO.: TH #50 OFFSET: 5.00 G.W. DEPTH: 1.8	
BORING CREW CREW CHIEF: TALLMAN . DRILLER: WILLIS LOGGER: GAMMELL . 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, Si, gry, Wet, Rec. = 0.60m	5	27.3		11.6	88.4		
		A-4, Si, gry, Wet, Rec. = 0.30m	5	27.4		7.2	92.8		
		A-4, Si, gry, Wet, Rec. = 0.45m	25	17.3	12.3	13.8	73.9		
		A-2-4, GrSa, gry, Moist, Rec. = 0.30m	90	19	34.6	46.5	18.9		
		No Rec.	R						
20		BXMDC, 19.8m-20.0m, Boulders A-1-b, Sa HP, gry, Moist, Rec. = 0.15m	R	12.8	8.4	75	16.6		
		A-4, SaSi HP, gry, Moist, Rec. = 0.13m	R	17	1.1	27.8	71.1		
		A-4, SaSi HP, gry, Moist, Rec. = 0.21m	R	17.1	0.6	23	76.4		
		A-4, Si HP, gry, Moist, Rec. = 0.10m	R	13.4	15.5	12.1	72.4		
		Run #1: BXMDC, 23.1m-24.6m, Rec. = 1.19m, See Geologist's Report.	1	79	0	5			
25		Run #2: BXMDC, 24.6m-26.1m, Rec. = 1.34m, See Geologist's Report.	2	89	0	5			
		Hole stopped @ 26.1m							

GEOLOGISTS REPORT:

Run #1: Gray schist with thin interbedded limestone. Hard to very hard. Poor RQD due to mechanical breakage during drilling.

Run #2: (24.60m- 24.88m) Gray schist with thin interbedded limestone. Hard to very hard.  
(24.88m-26.10m) Quartzite. Very hard. Unweathered.  
Poor RQD due to mechanical breakage during drilling for all of Run #2.