

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-5 SHEET 1 OF 1 DATE STARTED: 5/18/99 DATE COMPLETED: 5/20/99							
PROJECT NAME: CHESTER SITE NAME: BR 12 STATION: 203+00.00 GROUND EL.: 595.19		PROJECT NUMBER: BRF 025-1(35) SITE NO.: VT 103 OFFSET: 3.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: RUSSELL		BORING RIG: SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-1-b, GrSa, brn, Moist, Rec. = 0.67'	7	16	44.2	46	9.8		
		7.5'-9.0', Boulder							
10		BXDC, 9.0'-10.8', Boulder No Sample.							
		BXDC 12.0'-13.8', Boulder							
15		(visual class.), A-4, Si and Little Organics, brn, Sat., Rec. = 0.75', (tested 12.0% organic)	4	108.3					
		BXDC, 18.0'-19.0', Boulder							
20		A-1-b, SaGr, brn, Moist, Rec. = 0.67'	12	12.4	52.2	38.6	9.2		
25		A-1-b, GrSa, brn, Moist, Rec. = 0.83'	23	15.9	37.6	55.3	7.1		
30		A-1-b, GrSa, gry, Moist, Rec. = 0.67'	R	11.1	38.2	46.7	15.1		
		Top of bedrock @ 34.0'							
35		Run #1: BXMDC, 34.0'-39.0', Rec. = 3.7', See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	74	55	20			
40		Run #2: BXMDC, 39.0'-44.0', Rec. = 1.7', See Geologist's Report.	2	34	20	20			
45		Run #3: BXMDC, 44.0'-47.0', Rec. = 2.9', See Geologist's Report.	3	97	97	25			
		Hole stopped @ 47.0'							
Geologist's Report:									
Run #1: Light gray gneiss, Hard, Unweathered, Competent.									
Run #2: Same as Run #1, Poor Competency.									
Run #3: 44.0'-45.1', Gray gneiss, Hard, Unweathered, Competent. 45.1'-46.1', White granitic dike. 46.1'-47.0', Same as beginning of run.									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: H-1 SHEET 1 OF 1 DATE STARTED: 5/13/99 DATE COMPLETED: 5/13/99							
PROJECT NAME: CHESTER SITE NAME: BR 12 STATION: 201+80.00 GROUND EL.: 592.01		PROJECT NUMBER: BRF 025-1(35) SITE NO.: VT 103 OFFSET: -25.00 GROUND EL.: 592.01							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: CHABOT LOGGER: YOUNG		BORING RIG: SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		No Rec.	16						
10		A-2-4, GrSa, brn, Moist, Rec. = 1.5'	30	14.4	25.9	56.7	17.4		
15		A-1-a, Gr, gry, Moist, Rec. = 0.6'	R	7	81.2	16.2	2.6		
20		No Rec., Sampler plugged by stone.	15						
25		A-1-b, GrSa, brn, Moist, Rec. = 1.25'	35	12.7	37.2	51.4	11.4		
30		A-2-4, GrSa, brn, Moist, Rec. = 1.2'	30	11.7	30.4	53.8	15.8		
		Top of bedrock @ 34.0'							
35		Run #1: BXMDC, 34.0'-37.75', Rec. = 2.9', See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	77	40	20			
40		Run #2: BXMDC, 37.75'-39.75', Rec. = 0.5', See Geologist's Report.	2	25	0	20			
		Hole stopped @ 39.75'							
Geologist's Report:									
Run #1: 34.0'-35.9' = Light gray granitic gneiss, Hard, Unweathered, Competent. 35.9'-37.75' = Light gray granitic gneiss, Soft, Moderately to severely weathered, Poor competency.									
Run #2: Same as bottom of Run #1, Poor competency.									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: H-2 SHEET 1 OF 1 DATE STARTED: 5/14/99 DATE COMPLETED: 5/17/99							
PROJECT NAME: CHESTER SITE NAME: BR 12 STATION: 201+80.00 GROUND EL.: 594.38		PROJECT NUMBER: BRF 025-1(35) SITE NO.: VT 103 OFFSET: 25.00 GROUND EL.: 594.38							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: CHABOT LOGGER: YOUNG		BORING RIG: SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-2-4, GrSa, brn, Moist, Rec. = 0.75' On possible boulder	R	17.1	25.8	55.5	18.7		
10		A-1-b, GrSa, gry, Moist, Rec. = 1.2'	15	16.1	37.6	53.9	8.5		
15		A-1-b, GrSa, gry, Moist, Rec. = 1.1'	28	13.1	35.3	52.4	12.3		
20		A-1-b, SaGr, gry, Moist, Rec. = 1.1'	26	12.6	54	34.3	11.7		
25		No Rec., (appeared to be gravel while drilling), (stone in end of sampler)	24						
30		A-3, Sa, gry, MTW, Rec. = 0.8'	R	25.3	4.4	93	2.6		
		Hole stopped @ 31.0'							
Note: Hole discontinued at 31.0' due to broken casing.									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: H-4 SHEET 1 OF 1 DATE STARTED: 5/24/99 DATE COMPLETED: 5/25/99							
PROJECT NAME: CHESTER SITE NAME: BR 12 STATION: 203+25.00 GROUND EL.: 592.83		PROJECT NUMBER: BRF 025-1(35) SITE NO.: VT 103 OFFSET: 3.00 GROUND EL.: 592.83							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: RUSSELL		BORING RIG: SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		0.0'-3.0', Cobbles							
		3.0'-4.1', Boulders							
5		A-1-b, GrSa, brn, Moist, Rec. = 0.4'	6	14.6	40.7	47	12.3		
10		BXDC, (visual class.) Broken Rock, gry, Dry, Rec. = 0.2'	R						
		BXDC 10.6'-11.5', Boulder 11.5'-13.9', Cobbles							
15		A-1-b, GrSa, gry, Moist, Rec. = 0.3'	17	15.6	33.5	59.1	7.4		
20		A-1-b, GrSa, gry, Moist, Rec. = 1.5'	87	10.9	42.9	44.1	13		
25		No Sample, Boulders							
		Top of bedrock @ 29.0'							
30		Run #1: BXMDC, 29.0'-34.0', Rec. = 3.0', See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	60	50	35			
35		Run #2: BXMDC, 34.0'-39.0', Rec. = 5.0', See Geologist's Report.	2	100	100	35			
		Hole stopped @ 39.0'							
Geologist's Report:									
Run #1: Gray gneiss, Hard, Unweathered, Competent.									
Run #2: Same as Run #1, but color turns to white and black due to greater biotite content, Competent.									

**LEGEND**

B.F. = BOTTOM OF FOOTING ELEVATION  
E.P.T. = ESTIMATED PILE TIP ELEVATION

**NOTE**

1. BOTTOM OF FOOTING ELEVATION = 580.00.

SURVEYED BY	J. TOUCHETTE	DATE	06/99
DRAWN BY	C. C. BENDA	DATE	06/99
SQUAD LEADER			
DESIGN FILE NO.	/str2/87b134/zbl34cbo.dgn		
IPARM FILE		DATE PLOTTED	28-MAY-2003
PROJ. NAME	CHESTER		
PROJ. NO.	BRF 025-1(35)		
BRIDGE SHEET NO.	BR104		
SHEET	48	OF	79 SHEETS