

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B-10 SHEET 1 OF 2 DATE STARTED: 5/23/00 DATE COMPLETED: 6/1/00						
PROJECT NAME: WARREN SITE NAME: BR 173 STATION: I+495.20 GROUND EL.: 237.487			PROJECT NUMBER: BRF 013-4 (14) SITE NO.: V+ 100 OFFSET: 5.20 G.W. DEPTH:						
BORING CREW CREW CHIEF: MCGLYNN DRILLER: CHABOT LOGGER: YOUNG ADDITIONAL CREW:			BORING RIG: TRACTOR 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
5.6		A-2-4, SiSa, DK/brn, MTW, Rec. = 0.14m	R	41.3	4.7	68.6	26.7		
		BXDC, 2.55m-3.00m, Boulders							
		A-2-4, SiSa, brn, MTW, Rec. = 0.37m	13	28.7	7.3	71.4	21.3		
5		A-2-4, SiSa, brn, MTW, Rec. = 0.23m	12	26.3	2.8	71.3	25.9		
		A-2-4, SiSa, brn, MTW, Rec. = 0.27m	9	24.6	3.8	75.6	20.6		
		A-2-4, SiSa, brn, MTW, Rec. = 0.35m	14	23.8	1.6	77.4	21		
		A-2-4, Sa, brn, MTW, Rec. = 0.42m	21	24.3	1.1	85.9	13		
10		A-3, Sa, brn, MTW, Rec. = 0.31m	16	23.2	1.3	91.4	7.3		
		A-4, Si, gry, MTW, Rec. = 0.05m		28.1	0.2	14.1	85.7		
		A-4, Si, gry, MTW, Rec. = 0.30m	14	28.5	1	10.4	88.6		
		A-4, Si, gry, MTW, Rec. = 0.29m	18	36.6	0.3	1.8	97.9		
15		A-4, Si, gry, MTW, Rec. = 0.32m	14	31.4		8	92		
		A-4, Si, gry, MTW, Rec. = 0.61m	13	33.9		4.7	95.3		
		A-4, SaSi, gry, MTW, Rec. = 0.31m	17	28.4	2	20.3	77.7		
20		A-4, Si, gry, MTW, Rec. = 0.34m	19	28.9	10.1	10.2	79.7		
		A-4, Si, gry, MTW, Rec. = 0.31m	19	21.9	13	10	77		
		A-4, SaSi, gry, MTW, Rec. = 0.36m	32	23.6	13.3	28.7	58		
		No Sample, Cored ahead							
25		A-2-4, SiSa, brn, MTW, Rec. = 0.60m	24	23	0.2	67.2	32.6		
		A-2-4, Sa, brn, MTW, Rec. = 0.60m	33	22.4	0.1	80.6	19.3		
		A-4, SaSi, brn, MTW, Rec. = 0.60m	20	26.3	6.4	37.2	56.4		

GEOLOGISTS REPORT:

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B-10 SHEET 2 OF 2 DATE STARTED: 5/23/00 DATE COMPLETED: 6/1/00						
PROJECT NAME: WARREN SITE NAME: BR 173 STATION: I+495.20 GROUND EL.: 237.487			PROJECT NUMBER: BRF 013-4 (14) SITE NO.: V+ 100 OFFSET: 5.20 G.W. DEPTH:						
BORING CREW CREW CHIEF: MCGLYNN DRILLER: CHABOT LOGGER: YOUNG ADDITIONAL CREW:			BORING RIG: TRACTOR 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 HP, gry, Moist, Rec. = 0.28m	R	10.3	52.8	37.2	10		
		BXDC 30.90m-31.50m, Boulders							
		A-2-4, GrSa, gry, Moist, Rec. = 0.15m	43	10.3	22.5	60.2	17.3		
		A-2-4, GrSiSa, gry, Moist, Rec. = 0.24m	R	12.2	24.1	47.4	28.5		
35		A-3, Sa, gry, MTW, Rec. = 0.15m	R	22.9	0.2	94.1	5.7		
		A-1-a, SaGr HP, gry, Dry, Rec. = 0.12m	R	9.2	61	31.9	7.1		
		A-3, Sa, gry, Moist, Rec. = 0.25m	R	16.2	15.9	76.3	7.8		
		No Rec., Boulders	R						
		Top of bedrock @ 39.6 m							
40		Run #1: BXDC, 39.60m-41.07m, Rec. = 1.42m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	97	90	60			
		Run #2: BXDC, 41.07m-42.44m, Rec. = 1.08m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			2	79	28	60			
		Hole stopped @ 42.44m							
45									
50									
55									

GEOLOGISTS REPORT:

Run #1: Gray, Quartz-sericite-chlorite schist, Moderately hard, Unweathered, Competent, Fracturing of core sample due to mechanical breakage.

Run #2: Gray, Quartz-sericite-chlorite schist, Moderately hard, Unweathered, Poor RQD, Numerous closely spaced joints.