

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

HOLE NO.: B-13
SHEET 1 OF 2
DATE STARTED: 5/23/00
DATE COMPLETED: 6/1/00

PROJECT NAME: WARREN
SITE NAME: BR 173
STATION: I+517.00
GROUND EL.: 239.289

PROJECT NUMBER: BRF 013-4 (14)
SITE NO.: Vt 100
OFFSET: -10.50
G.W. DEPTH:

BORING CREW
CREW CHIEF: TALLMAN
DRILLER: CHABOT
LOGGER: MCGLYNN
ADDITIONAL CREW:

BORING RIG: SKID 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
		A-1-a, SaGr, gry-brn, Moist, Rec. = 0.36m	20	9.7	51.7	37.1	11.2		
		A-1-a, Gr, gry-brn, Dry, Rec. = 0.08m	16	4.4	85.2	11.6	3.2		
5		A-2-4, SiSa, brn, MTW, Rec. = 0.32m	9	27.4		77.9	22.1		
		A-2-4, Sa, brn, MTW, Rec. = 0.37m	12	25.4	0.5	83	16.5		
		A-2-4, SiSa, Lt/gry, MTW, Rec. = 0.42m	13	29	0.6	66.7	32.7		
		A-3, Sa, Lt/gry, MTW, Rec. = 0.46m	18	20.6	0.7	89.8	9.5		
10		A-4, Cisi, gry, MTW, Rec. = 0.53m	1	31.6	0.2	6	93.8	30	7
		A-4, Si, gry, MTW, Rec. = 0.45m	3	35.1		10.3	89.7		
		A-4, Si, gry, MTW, Rec. = 0.42m	6	31.5		13.7	86.3		
15		A-4, Si, gry, MTW, Rec. = 0.38m	7	29.7		17.7	82.3		
		A-2-4, SiSa, gry, Moist, Rec. = 0.60m	23	16.7		74.3	25.7		
		A-2-4, Sa, gry, Moist, Rec. = 0.57m	22	20	0.4	81.5	18.1		
20		A-2-4, SiSa, gry, MTW, Rec. = 0.30m	24	21.9	0.5	69.3	30.2		
		A-2-4, SiSa, gry, MTW, Rec. = 0.30m	21	21		79.8	20.2		
		A-2-4, Sa, gry, Moist, Rec. = 0.21m	9	18.9		89.4	10.6		
25		No Sample, Flowing Sand							
		No Sample, Flowing Sand							
		No Sample, Flowing Sand							
		A-2-4, Sa, brn, Moist, Rec. = 0.24m	20	19.8	3.1	78.4	18.5		

GEOLOGISTS REPORT:

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208.6

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		A-4, Si, gry, MTW, Rec. = 0.38m	27	22.1	4.5	17.4	78.1		
		Visual Classification: Broken Rock, Rec. = 0.10m	R						
		Visual Classification: Broken Rock, Rec. = 0.07m	R						
35		BXDC, 35.40m-36.92m, Boulder, Rec. = 0.13m							
		BXDC, 37.50m-39.00m, Boulder, No Rec.							
		Top of bedrock @ 39.34 m							
40		Run #1: BXDC, 39.34m-40.86m, Rec. = 1.30m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
		Run #2: BXDC, 40.86m-42.38m, Rec. = 1.50m, See Geologist's Report.	1	86	86	60			
			2	99	99	60			
		Hole stopped @ 42.38m							
45									
50									
55									

GEOLOGISTS REPORT:

Run #1: Gray, Quartz-sericite-chlorite schist, Moderately hard, Unweathered, Competent.

Run #2: Gray, Quartz-sericite-chlorite schist, Moderately hard, Unweathered, Competent.