



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

BORING NUMBER: B-12  
SHEET 1 of 2  
DATE STARTED: 3/15/00  
DATE COMPLETED: 4/05/00

PROJECT NAME: WARREN  
SITE NAME: VT-100  
STATION: 207+55  
OFFSET: -19.69  
VTSPG: N 598443.21 ft E 1549989.67 ft

PROJECT NUMBER: BRF 013-4(14)  
SITE NUMBER: BR-173  
GROUND ELEVATION: 781.23 ft  
GROUNDWATER DEPTH:  
PROJECT PIN NUMBER: 78F242

BORING CREW  
CREW CHIEF: McGLYNN  
DRILLER: CHABOT  
LOGGER: YOUNG

BORING RIG: LARGE SKID RIG  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
10		A-1-b, SaGr, gry, Moist, Rec. = 0.9 ft	19	12.3	49.8	37.4	12.8
		No Recovery, 9.8 ft - 11.8 ft	18				
20		A-2-4, Sa, brn, MTW, Rec. = 1.0 ft	16	24.2	0.7	82.7	16.6
		A-2-4, Sa, brn, MTW, Rec. = 1.1 ft	21	21.3	2.4	85.5	12.1
		A-2-4, SiSa, brn, MTW, Rec. = 1.1 ft	24	27.5	6.1	60.2	33.7
30		A-3, Sa, brn, MTW, Rec. = 1.0 ft	14	22.4	0.0	90.9	9.1
		A-2-4, SiSa, gry, Moist, Rec. = 1.5 ft	13	20.4	3.0	68.2	28.8
40		A-4, Si, gry, MTW, Rec. = 2.0 ft	6	38.0	0.0	8.3	91.7
		A-4, Si, gry, MTW, Rec. = 2.0 ft	6	32.0	0.0	7.0	93.0
50		A-4, Si, gry, MTW, Rec. = 1.4 ft	11	28.6	0.0	17.9	82.1
		A-4, Si, gry, MTW, Rec. = 1.0 ft	12	34.5	0.2	4.3	95.5
60		A-4, SaSi, gry, MTW, Rec. = 0.9 ft	13	24.8	1.9	41.4	56.7
		A-4, Si, gry, MTW, Rec. = 1.0 ft	12	29.6	0.0	13.7	86.3
70		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	14	19.9	2.1	41.5	56.4

773.00

LOG OF BORING WARREN BRF 013-4(14).GPJ VT AOT.GDT 4/7/09



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SHEET 2 of 2  
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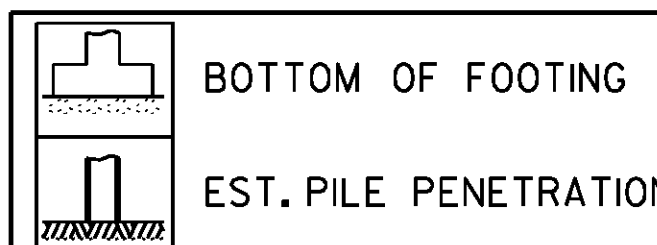
BORING CREW  
CREW CHIEF: McGLYNN  
DRILLER: CHABOT  
LOGGER: YOUNG

BORING RIG: LARGE SKID RIG  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)
80		A-4, SiSa, gry, MTW, Rec. = 1.8 ft	13	29.1	1.5	62.9	35.6
		A-2-4, Sa, gry, Moist, Rec. = 2.0 ft	29	18.2	4.2	79.4	16.4
		No Sample. (sand), 83.7 ft - 85.7 ft					
90		No Sample. (sand), 88.6 ft - 90.6 ft					
		No Sample. (sand), 93.5 ft - 95.5 ft					
		BXDC, 95.9 ft - 97.4 ft					
100		A-1-b, Sa, gry, MTW, Rec. = 2.0 ft	73	23.5	10.4	88.5	1.1
		A-3, Sa, gry, Moist, Rec. = 0.3 ft	R	20.4	1.1	91.7	7.2
120		A-1-b, SiGrSa HP, gry, Moist, Rec. = 0.4 ft	R	10.6	37.2	42.5	20.3
		Gray, Quartz-sericite-chlorite schist, Competent., Moderately hard, Unweathered, BXDC, 124.3 ft - 129.3 ft, Rec. = 4.6 ft	1	92	92	60	
130		Gray, Quartz-sericite-chlorite schist, Competent., Moderately hard, Unweathered, BXDC, 129.3 ft - 134.3 ft, Rec. = 4.3 ft	2	86	86	60	
		Hole stopped @ 134.3 ft					

656.00

LOG OF BORING WARREN BRF 013-4(14).GPJ VT AOT.GDT 4/7/09



PROJECT NAME: WARREN  
PROJECT NUMBER: BRF 013-4 (14)

FILE NAME: s78f242bor.dgn  
PROJECT LEADER: J. LACROIX  
DESIGNED BY: U. STANLEY  
BORING LOG SHEET 5

PLOT DATE: 27-JUL-2012  
DRAWN BY: U. STANLEY  
CHECKED BY: J. LACROIX  
SHEET 47 OF 83