

VTrans Working to Get You There
 STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING NUMBER: B-11
 SHEET 1 of 2
 DATE STARTED: 2/17/00
 DATE COMPLETED: 2/29/00

PROJECT NAME: WARREN
 SITE NAME: VT-100
 STATION: 207+24
 OFFSET: 31.82
 VTSPG: N 598383.47 ft E 1549997.28 ft

PROJECT NUMBER: BRF 013-4(14)
 SITE NUMBER: BR-173
 GROUND ELEVATION: 779.02 ft
 GROUNDWATER DEPTH:
 PROJECT PIN NUMBER: 78F242

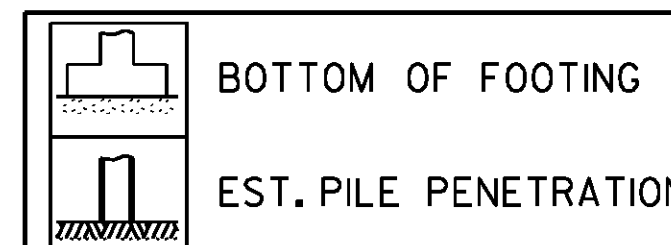
BORING CREW
 CREW CHIEF: YOUNG
 DRILLER: CHABOT
 LOGGER: TALLMAN

BORING RIG: TRACTOR
 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 (%)
7.5		A-2-4, SiSa, brn, MTW, Rec. = 1.0 ft	9	26.0	13.4	58.4	28.2
10.0		No Recovery, 9.8 ft - 11.8 ft	6				
11.5		A-2-4, SiSa, brn, MTW, Rec. = 1.1 ft	6	28.4	0.0	75.9	24.1
13.0		A-2-4, Sa, brn, MTW, Rec. = 0.8 ft	8	25.8	0.2	81.6	18.2
14.0		A-2-4, Sa, brn, MTW, Rec. = 0.8 ft	13	28.3	0.0	80.2	19.8
15.5		No Recovery, 29.5 ft - 31.5 ft	14				
17.0		A-4, Si, gry, MTW, Rec. = 2.0 ft	14	32.9	0.1	6.4	93.5
18.5		A-4, Si, gry, MTW, Rec. = 1.6 ft	12	33.6	0.0	7.2	92.8
19.5		A-4, Si, gry, MTW, Rec. = 1.6 ft	9	33.1	0.0	9.5	90.5
21.0		A-4, SaSi, gry, MTW, Rec. = 1.5 ft	9	30.4	0.0	22.1	77.9
22.5		A-4, Si, gry, MTW, Rec. = 1.3 ft	12	32.7	0.0	10.7	89.3
24.0		A-4, SaSi, gry, MTW, Rec. = 1.5 ft	20	26.0	0.0	42.3	57.7
25.5		A-4, Si, gry, MTW, Rec. = 1.4 ft	16	30.5	0.0	12.0	88.0
27.0		A-2-4, SiSa, gry, Moist, Rec. = 1.7 ft	38	18.3	0.7	75.0	24.3

773.00

LOG OF BORING WARREN_BRF 013-4(14).GPJ_VT_AOT.GDT 4/7/08



VTrans Working to Get You There
 STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING NUMBER: B-11
 SHEET 2 of 2
 DATE STARTED: 2/17/00
 DATE COMPLETED: 2/29/00

PROJECT NAME: WARREN
 SITE NAME: VT-100
 STATION: 207+24
 OFFSET: 31.82
 VTSPG: N 598383.47 ft E 1549997.28 ft

PROJECT NUMBER: BRF 013-4(14)
 SITE NUMBER: BR-173
 GROUND ELEVATION: 779.02 ft
 GROUNDWATER DEPTH:
 PROJECT PIN NUMBER: 78F242

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

BORING RIG: TRACTOR
 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 (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
7.5		A-2-4, SiSa, brn-gry, MTW, Rec. = 1.8 ft	17	22.2	4.7	70.5	24.8
8.5		A-2-4, Sa, brn-gry, MTW, Rec. = 0.7 ft	12	22.8	5.2	76.4	18.4
9.5		A-4, SaSi, brn-gry, MTW, Rec. = 1.1 ft	25	26.7	1.4	42.6	56.0
10.5		A-4, SiSa, brn, MTW, Rec. = 1.0 ft	32	25.2	6.4	46.9	46.7
11.5		No Sample, 93.5 ft - 95.5 ft					
12.5		A-2-4, Sa, gry, Moist, Rec. = 0.9 ft	R	15.4	12.1	70.4	17.5
13.5		A-2-4, SiSa, gry, Moist, Rec. = 0.3 ft	R	11.0	13.9	58.9	27.2
14.0		Visual Classification, Broken Rock, Rec. = 0.1 ft	R				
116.0		Top of Bedrock @ 116.0 ft					
116.5		Gray, Quartz-sericite-chlorite schist, Competent., Moderately hard, Unweathered, BXDC, 116.0 ft - 121.0 ft, Rec. = 4.45 ft	1	89	89	72	
120.5		Gray, Quartz-sericite-chlorite schist, Contains numerous closely spaced joints. Very Poor RQD., Moderately hard, Unweathered, BXDC, 121.0 ft - 125.0 ft, Rec. = 2.5 ft	2	63	0	72	
125.0		Plugged and Bit broke, 125.0 ft Hole stopped @ 125.0 ft					
130.0		DRILLER'S NOTES: * Very seamy from 116.0 ft to 121.0 ft.					

663.00

LOG OF BORING WARREN_BRF 013-4(14).GPJ_VT_AOT.GDT 4/7/08

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

FILE NAME: s78f242bor.dgn
 PROJECT LEADER: J. LACROIX
 DESIGNED BY: U. STANLEY
 BORING LOG SHEET 4

PLOT DATE: 27-JUL-2012
 DRAWN BY: U. STANLEY
 CHECKED BY: J. LACROIX
 SHEET 46 OF 83