

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B5 SHEET 1 OF 1 DATE STARTED: 1/25/91 DATE COMPLETED: 1/25/91						
PROJECT NAME: BRISTOL SITE NAME: RT 116 STATION: 1+281.88 GROUND EL.: 175.00			PROJECT NUMBER: ER 021-1(13) SITE NO.: BR #10 OFFSET: 13.40 G.W. DEPTH: 3.779						
BORING CREW CREW CHIEF: MCGLYNN DRILLER: LOGGER: ADDITIONAL CREW:			BORING RIG: TRUCK 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
		Boulders							
5		A-1-a, SaGr, brn, Moist, Rec. = 0.15m	12	10.3					
		A-1-b, GrSa, brn, Moist, Rec. = 0.12m	11	13					
		No Rec.	10						
		No Rec.	15						
		No Rec.	20						
		A-1-b, GrSa, brn, Moist, Rec. = 0.12m	8	15.8					
		No Rec.	31						
		A-2-4, SiSa, brn, MTW, Rec. = 0.06m	36	21.2					
		A-2-4, Sa, brn, MTW, Rec. = 0.24m	35	24.3					
		A-2-4, SiSa, brn, MTW, Rec. = 0.27m	33	29.3					
		No Rec.	32						
10		A-2-4, Sa, brn, MTW, Rec. = 0.58m	32	20.8					
		A-4, SaSi, brn, MTW, Rec. = 0.55m	29	32.9					
15		A-2-4, SiSa, brn, MTW, Rec. = 0.61m	46	25.1					
		A-2-4, SiSa, brn, MTW, Rec. = 0.61m	58	23					
		A-4, SiSa, brn, MTW, Rec. = 0.34m	67	26.6					
20		A-4, SaSi, brn, MTW, Rec. = 0.40m	51	27.7					
		No Rec., Boulders							
25									
		Hole stopped @ 24.38m In Boulders							
GEOLOGISTS REPORT:									

174.0

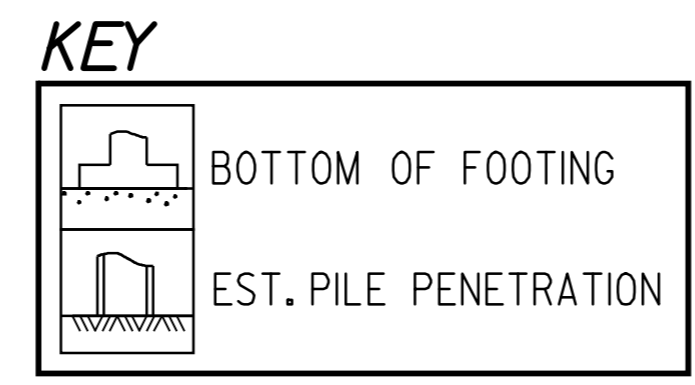
150.0 +/-

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B11 SHEET 1 OF 1 DATE STARTED: 8/25/98 DATE COMPLETED: 9/1/98						
PROJECT NAME: BRISTOL SITE NAME: RT 116 STATION: 1+258.56 GROUND EL.: 176.13			PROJECT NUMBER: ER 021-1(13) SITE NO.: BR #10 OFFSET: -4.90 G.W. DEPTH:						
BORING CREW CREW CHIEF: WILLIS DRILLER: GAMMELL W LOGGER: MERRILL B 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
		No sample, Boulders	R						
		No sample, Boulders							
5		A-1-b, GrSa, brn, Moist, Rec. = 0.13m	12	14.3	36	40.4	5.6		
		A-1-b, GrSa, brn, Moist, Rec. = 0.19m	14	13.6	41.9	50.3	7.8		
		A-1-b, GrSa, brn, Moist, Rec. = 0.40m	20	15.1	23.4	66.4	10.2		
10		A-3, Sa, brn, MTW, Rec. = 0.40m	18	23.6	2	88.4	9.6		
		A-2-4, Sa, brn, MTW, Rec. = 0.37m	21	21.2	11.8	75.5	12.7		
		A-2-4, Sa, brn, Moist, Rec. = 0.27m	24	17.4	11.2	70.1	18.7		
		A-2-4, SiSa, brn, MTW, Rec. = 0.31m	23	23.5	3.7	61.3	35		
15		A-4, SiSa, brn, MTW, Rec. = 0.40m	16	24.3	0.2	51.5	48.3		
		A-4, SiSa, brn, MTW, Rec. = 0.35m	28	26.9	0.6	51.7	47.7		
		A-4, SiSa, brn, Moist, Rec. = 0.30m	55	19.9	0.2	58.2	41.6		
20		A-4, SiSa, brn, MTW, Rec. = 0.30m	46	24.8		54.3	45.7		
		A-4, SiSa, brn, MTW, Rec. = 0.30m	52	21.5		56.6	43.4		
		A-4, SaSi, brn, MTW, Rec. = 0.43m	18	36.4		22.9	77.1		
		A-4, SaSi, brn, MTW, Rec. = 0.41m	18	31		20	80		
25		No Rec., Boulders	R						
		BXDC, 25.58m-26.10m, Boulders							
		Hole stopped @ 26.1m in boulders							
Notet Casing broke off, Unable to penetrate further.									
GEOLOGISTS REPORT:									

174.2

150.0 +/-

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION			HOLE NO.: B12 SHEET 1 OF 1 DATE STARTED: 9/2/98 DATE COMPLETED: 9/10/98						
PROJECT NAME: BRISTOL SITE NAME: RT 116 STATION: 1+301.80 GROUND EL.: 177.92			PROJECT NUMBER: ER 021-1(13) SITE NO.: BR #10 OFFSET: -1.80 G.W. DEPTH:						
BORING CREW CREW CHIEF: WILLIS DRILLER: GAMMELL W LOGGER: MERRILL B 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
		No sample, Boulders							
		A-1-a, SaGr, brn, Moist, Rec. = 2.3m	18	7.9	70.2	23.9	5.9		
5		No sample, Boulders							
		BXDC, 5.5m-6.5m, Boulders							
		No sample, Boulders							
		A-1-a SaGr, brn, Moist, Rec. = 0.03m	8	9.6	76.4	23	0.6		
		No Rec.	8						
10		A-1-b, GrSa, brn, Moist, Rec. = 0.17m	13	13.1	38.5	54.3	7.2		
		No Rec.	23						
		A-1-b, SaGr, brn, Moist, Rec. = 0.18m	16	14.2	47.3	46.2	6.5		
15		A-3, Sa, brn, Moist, Rec. = 0.21m	16	18.4	1.6	91.4	7		
		A-2-4, SiSa, brn, MTW, Rec. = 0.30m	20	29.7	0.2	70.8	29		
		A-2-4, Sa, brn, MTW, Rec. = 0.27m	23	25.9	0.2	81.1	18.7		
20		A-2-4, SiSa, brn, MTW, Rec. = 0.33m	17	27.4		72.8	27.2		
		A-2-4, SiSa, brn, MTW, Rec. = 0.40m	28	27.3		65.9	34.1		
		A-4, SaSi, brn, MTW, Rec. = 0.60m	16	32.4		26.8	73.2		
25		No Rec., Boulders	R						
		BXDC, 24.3m-25.8m, Boulders							
		BXDC, 25.8m-27.3m, Boulders							
		Hole stopped @ 27.30m in boulders							
GEOLOGISTS REPORT:									



Metric

PROJECT: BRISTOL PROJECT NO.: ER 021-1 (13)

DESIGN FILE NAME: str2/78f188/df188bor.dgn IPARM FILE NAME: sf188br2.i PLOT DATE: 05-JAN-2007

DRAWN BY: J. TOUCHETTE SQUAD LEADER: C. C. BENDA

DATE: 09/98 SHEET: 29 OF 67