

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-4 SHEET 1 OF 4 DATE STARTED: 7/15/98 DATE COMPLETED: 7/22/98							
PROJECT NAME: LEICESTER SITE NAME: BR-6 STATION: I+086J0 GROUND EL.: 105.86		PROJECT NUMBER: BRF 0160 (3) S SITE NO.: TH-1 OFFSET: 5.639 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: GAMMELL LOGGER: HOLT ADDITIONAL CREW:		BORING RIG: UNI-MOG 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-4, SaSi, brn, MTW, Rec. = 0.38m	3	35.5		28.6	71.4		
		A-4, SaSi, gry/brn, MTW, Rec. = 0.48m	5	41.6		31.2	68.8		
5		A-4, SaSi Trace of Organics (3.97%), gry/brn, Wet, Rec. = 0.43m	3	52.4		42.7	57.3		
		A-2-4, SiSa, gry, MTW, Rec. = 0.36m	8	39.9	0.3	70.3	29.4		
		A-4, SaSi Trace of Organics (6.38%), Dk/brn, Wet, Rec. = 0.60m	6	69.1		25.5	74.5		
		A-4, SaSi Trace of Organics (5.75%), Dk/brn, Sat, Rec. = 0.60m	8	70		26	74		
10		A-4, SaSi Little Organics (11.31%), Dk/brn, Sat, Rec. = 0.60m	10	84.1	0.3	30.1	69.6		
		A-8, Organic Silt (21.11%), Dk/brn, Sat, Rec. = 0.60m	7	151	3	14.8	82.2		
	A.7.6	A-7-6, Clay, gry, MTW, Rec. = 0.60m	2	45.7		0.7	99.3	63	34
GEOLOGISTS REPORT: SEE SHEET 4									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-4 SHEET 2 OF 4 DATE STARTED: 7/15/98 DATE COMPLETED: 7/22/98							
PROJECT NAME: LEICESTER SITE NAME: BR-6 STATION: I+086J0 GROUND EL.: 105.86		PROJECT NUMBER: BRF 0160 (3) S SITE NO.: TH-1 OFFSET: 5.639 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: GAMMELL LOGGER: HOLT ADDITIONAL CREW:		BORING RIG: UNI-MOG 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
15	A.7.6	A-7-6, Clay (visual), gry, Sat, Rec. = 0.35m	2	77.5					
			WH	75.5					
	A.7.6	A-7-6, Clay (visual), gry, Sat, Rec. = 0.38m							
			WH	71.2		0.8	99.2	71	42
	A.7.6	A-7-6, Clay, gry, Sat, Rec. = 0.42m							
			WH	64.6					
20	A.7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.47m							
			WH	64.4					
	A.7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.42m							
			WH	63.2		0.7	99.3	64	36
	A.7.6	A-7-6, Clay, gry, Wet, Rec. = 0.38m							
			WH	68.3					
	A.7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.60m							
			WH	60.3					
25	A.7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.24m							
			WH	66.9		1.2	98.8	64	36
	A.7.6	A-7-6, Clay, gry, Wet, Rec. = 0.21m							
			WH	66.9					
	A.7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.34m							
			WH	54.2					
GEOLOGISTS REPORT: SEE SHEET 4									

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PROJECT NAME: LEICESTER SITE NAME: BR-6 STATION: I+086J0 GROUND EL.: 105.86		PROJECT NUMBER: BRF 0160 (3) S SITE NO.: TH-1 OFFSET: 5.639 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: GAMMELL LOGGER: HOLT ADDITIONAL CREW:		BORING RIG: UNI-MOG 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
30	A.7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.36m							
			WH	67.3					
	A.7.6	A-7-6, Clay, gry, Wet, Rec. = 0.14m				0.8	99.2	62	35
			WH	53.4					
	A.7.6	A-7-6, Clay (visual), gry, MTW, Rec. = 0.60m							
			WH	49.7					
	A.7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.21m							
35			WH	62.2					
		A-4, SiSa, gry, MTW, Rec. = 0.49m	13	38.9		1.2	98.8	24	9
			WH	68.5					
		A-6, Clay (visual), gry, Wet, Rec. = 0.60m							
			WH	68.5					
		A-6, SiCl, gry, MTW, Rec. = 0.52m				0.8	99.2	38	17
			WH	40.7					
40			WH	24.6		3.8	96.2		
		A-4, Si, gry, MTW, Rec. = 0.50m							
			WH	24.6					
		No Sample, Boulder, Advanced casing to 43.2m							
		BXMDC, 43.2m-43.8m, Boulder, Advanced casing to 45.2m.							
GEOLOGISTS REPORT: SEE SHEET 4									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-4 SHEET 4 OF 4 DATE STARTED: 7/15/98 DATE COMPLETED: 7/22/98							
PROJECT NAME: LEICESTER SITE NAME: BR-6 STATION: I+086J0 GROUND EL.: 105.86		PROJECT NUMBER: BRF 0160 (3) S SITE NO.: TH-1 OFFSET: 5.639 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: GAMMELL LOGGER: HOLT ADDITIONAL CREW:		BORING RIG: UNI-MOG 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
45		Run #1: BXMDC, 45.2m-46.4m, Rec. = 1.16m, See Geologist's Report.	1	97	25	70			
			2	93	50	70			
		Run #2: BXMDC, 46.4m-47.8m, Rec. = 1.30m, See Geologist's Report.							
		Hole stopped @ 47.80m							
50									
55									
GEOLOGISTS REPORT: Run #1: Numerous joints, Buff to white marble, Very hard, Poor ROD, Unweathered, Poor competency. Run #2: Numerous joints, Buff to white marble, Very hard, Unweathered, Fair competency.									



SHEET NAME: BORING LOGS #2	
PROJECT NAME: LEICESTER	HIGHWAY NO.: FAS 0160
PROJECT NUMBER: BRF 0160(3)S	BRIDGE NO.: 6
	OVER: OTTER CREEK
FILE NAME: 95J288\Structures\sj288bor.dgn	PLOT DATE: 17-AUG-2005
PROJECT MANAGER: R. R. WHITCOMB	DRAWN BY: J. TOUCHETTE
DESIGNED BY: C. CARLSON	IPARM NAME: sj088br2.1
BRIDGE SHEET NUMBER:	SHEET 43 OF 90