

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+086.10 GROUND EL.: 105.186		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:  
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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+086.10 GROUND EL.: 105.186		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					
	A-7-6	A-7-6, Clay (visual), gry, Sat, Rec. = 0.38m	WH	75.5					
	A-7-6	A-7-6, Clay, gry, Sat, Rec. = 0.42m	WH	71.2		0.8	99.2	71	42
20	A-7-6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.47m	WH	64.6					
	A-7-6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.42m	WH	64.4					
	A-7-6	A-7-6, Clay, gry, Wet, Rec. = 0.38m	WH	63.2		0.7	99.3	64	36
25	A-7-6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.60m	WH	68.3					
	A-7-6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.24m	WH	60.3					
	A-7-6	A-7-6, Clay, gry, Wet, Rec. = 0.21m	WH	66.9		1.2	98.8	64	36
	A-7-6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.34m	WH	54.2					

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PROJECT NAME: LEICESTER SITE NAME: BR-6 STATION: I+086.10 GROUND EL.: 105.186		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	WH	53.4		0.8	99.2	62	35
	A-7-6	A-7-6, Clay (visual), gry, MTW, Rec. = 0.60m	WH	49.7					
35	A-7-6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.21m	WH	62.2					
		A-4, SiSa, gry, MTW, Rec. = 0.49m	13	38.9		1.2	98.8	24	9
		A-6, Clay (visual), gry, Wet, Rec. = 0.60m	WH	68.5					
		A-6, SiCl, gry, MTW, Rec. = 0.52m	WH	40.7		0.8	99.2	38	17
40		A-4, Si, gry, MTW, Rec. = 0.50m	WH	24.6		3.8	96.2		
		No Sample, Boulder, Advanced casing to 43.2m							
		BXMDC, 43.2m-43.8m, Boulder, Advanced casing to 45.2m.							

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DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
45		Top of bedrock @ 45.20m Run #1: BXMDC, 45.2m-46.4m, Rec. = 1.16m, See Geologist's Report.	RUN	RECZ	RQDZ	Dip°			
			1	97	25	70			
		Run #2: BXMDC, 46.4m-47.8m, Rec. = 1.30m, See Geologist's Report.	2	93	50	70			
		Hole stopped @ 47.80m							

GEOLOGISTS REPORT:  
  
Run #1: Numerous joints, Buff to white marble, Very hard,  
Poor RQD, Unweathered, Poor competency.  
  
Run #2: Numerous joints, Buff to white marble, Very hard,  
Unweathered, Fair competency.