

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-1 SHEET 1 OF 3 DATE STARTED: 7/30/98 DATE COMPLETED: 8/27/98							
PROJECT NAME: LEICESTER SITE NAME: BR-6 STATION: I+082.10 GROUND EL.: 105.561		PROJECT NUMBER: BRF 0160 (3) S SITE NO.: TH-1 OFFSET: -2.960 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: GAMMELL LOGGER: MCGLYNN 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
		No Rec., Rock in end of sampler	4						
		A-4, SaSi, gry, MTW, Rec. = 0.51m	4	48.2	0.3	37.4	62.3		
5		Rec. = 0.20m, Wood only, No sample sent to lab.	4						
		A-2-4, SiSa, gry, MTW, Rec. = 0.42m	6	43	0.2	65.6	34.2		
		A-4, SaSi with Trace of Organics (5.64%), dk/gry, Sat, Rec. = 0.45m	2	73.1	0.2	45.6	54.2		
		A-4, SaSi with Trace of Organics (6.09%), dk/gry, Wet, Rec. = 0.56m	5	70	0.1	42.1	57.8		
10		A-4, SaSi with Little Organics (10.33%), Dk/gry-brn, Sat, Rec. = 0.55m	7	95.6	2.9	43.5	53.6		
		A-4, SaSi with Trace of Organics (8.44%), Dk/gry-brn, Sat, Rec. = 0.57m	8	71.7	12.1	41	46.9		
		13.50m-14.10m VS = 315/50 psf							
	A-7.5	A-4, Si with Wood (visual), dk/brn-gry, Sat, Rec. = 0.15m	5	52.4	0.7	1.4	97.9	56	28
	A-7.6	A-7-5, Clay, gry, Wet, Rec. = 0.29m	WH	61.8		0.2	99.8		
	A-7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.50m							
		14.50m-15.10m VS = 200/110 psf							

GEOLOGISTS REPORT:
SEE SHEET 3

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-1 SHEET 2 OF 3 DATE STARTED: 7/30/98 DATE COMPLETED: 8/27/98							
PROJECT NAME: LEICESTER SITE NAME: BR-6 STATION: I+082.10 GROUND EL.: 105.561		PROJECT NUMBER: BRF 0160 (3) S SITE NO.: TH-1 OFFSET: -2.960 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: GAMMELL LOGGER: MCGLYNN 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		16.00m-16.60m VS = 550/105 psf							
	A-7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.37m	WH	62.5		0.2	99.8		
	A-7.6	A-7-6, Clay (visual), gry, Sat, Rec. = 0.42m	WH	75		0.4	99.6		
		17.50m-18.10m VS = 550/25 psf							
	A-7.6	A-7-6, Clay (visual), gry, Sat, Rec. = 0.39m	WH	75.6		0.2	99.8		
		19.50m-20.10m VS = 340/50 psf							
20	A-7.6	A-7-6, Clay, gry, Sat, Rec. = 0.37m	WH	70.7		0.2	99.8	68	39
		21.50m-22.10m VS = 390/100 psf							
	A-7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.20m	WH	69.6		0.3	99.7		
		23.50m-24.10m VS = 340/100 psf							
25		No Rec.	WH						
		25.50m-26.10m VS = 600/85 psf							
	A-7.6	A-7-6, Clay (visual), gry, MTW, Rec. = 0.19m	WH	45.9		0.2	99.8		
		27.50m-28.10m VS = 600/85 psf							
	A-7.6	A-7-6, Clay, gry, Wet, Rec. = 0.42m	WH	66.8		0.3	99.7	54	31
		29.50m-30.10m VS = 620/150 psf							

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PROJECT NAME: LEICESTER SITE NAME: BR-6 STATION: I+082.10 GROUND EL.: 105.561		PROJECT NUMBER: BRF 0160 (3) S SITE NO.: TH-1 OFFSET: -2.960 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: GAMMELL LOGGER: MCGLYNN 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, gry, Wet, Rec. = 0.37m	WH	54.9		0.5	99.5	58	33
		31.50m-32.10m VS = 540/210 psf							
	A-7.6	A-7-6, Clay (visual), gry, Wet, Rec. = 0.23m	WH	52.6		0.3	99.7		
		33.50m-34.10m VS = 740/115 psf							
	A-7.5	A-7-5, Clay (visual), gry, Wet, Rec. = 0.37m	WH	52.3		0.5	99.5		
35		35.50-36.50m VS = 1000/200 psf							
		A-4, CISi, gry, Wet, Rec. = 0.26m	WH	50.6		0.4	99.6	27	8
		37.50m-38.10m VS = 800/185 psf							
	A-7.5	A-7-5, Clay (visual), gry, Wet, Rec. = 0.60m	WH	59.1		0.6	99.4		
		39.50m-40.10m VS = 540/100 psf							
40		A-4, CISi (visual), gry, MTW, Rec. = 0.22m		38.1		1.4	98.6		
		A-4, Si, gry, MTW, Rec. = 0.22m		23.7		5.9	94.1		
		A-4, Si, gry, MTW, Rec. = 0.50m	WH	24.9		2.9	97.1		
		Top of bedrock @ 43.0m							
		Run #1: BXMDC, 43.0m-44.5m, Rec. = 1.29m, See Geologist's Report.	RUN	1	90	86			
		Run #2: BXMDC, 44.5m-46.0m, Rec. = 1.55m, See Geologist's Report.	RUN	2	100	96			
45									

Hole stopped @ 46.0m

GEOLOGISTS REPORT:

Run #1: Buff to white marble, Very hard, Unweathered, Competent.
Run #2: Same as Run #1.