

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							

GEOLOGISTS REPORT:
SEE SHEET 3

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-1 SHEET 3 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
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		
		43.0m-44.5m VS = 315/50 psf							
		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	REC%	RQD%	Dip°			
		Run #2: BXMDC, 44.5m-46.0m, Rec. = 1.55m, See Geologist's Report.	1	90	86				
45		Run #2: BXMDC, 44.5m-46.0m, Rec. = 1.55m, See Geologist's Report.	2	100	96				

Hole stopped @ 46.0m

GEOLOGISTS REPORT:

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

**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:
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+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					

GEOLOGISTS REPORT:
SEE SHEET 4

**STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION**

HOLE NO.: B-4
SHEET 3 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
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.							

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+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
45		Top of bedrock @ 45.20m							
		Run #1: BXMDC, 45.2m-46.4m, Rec. = 1.16m, See Geologist's Report.	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.

PROJECT NAME: LEICESTER
SITE NAME: BR-6
STATION: I+131.0
GROUND EL.: 106.454

PROJECT NUMBER: BRF 0160 (3) S
SITE NO.: TH-1
OFFSET: -2.662
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-2-4, SiSa, brn, Moist, Rec. = 0.26m	7	19.9	16.7	50.2	33.1		
		A-4, SaSi, brn, MTW, Rec. = 0.04m	4	49		29.7	70.3		
		A-4, SaSi, brn, MTW, Rec. = 0.40m	8	29.9	0.3	23.2	76.5		
		A-4, SiSa, gry, MTW, Rec. = 0.27m	7	34.8		51.5	48.5		
5		A-4, SaSi with Chopped Root (visual), blk, Wet, Rec. = 0.43m	4	65.2					
		A-4, SaSi with Chopped Root (visual), blk, Sat, Rec. = 0.45m	6	116					
		No Sample.	6						
		A-4, Si, gry, MTW, Rec. = 0.40m	9	30		2.1	97.9		
		No Sample.	7						
10		A-4, Si, gry, MTW, Rec. = 0.27m	6	29.7		18.6	81.4		
		A-4, SaSi, gry, MTW, Rec. = 0.56m	9	31		21.2	78.8		
		A-4, SaSi, gry, MTW, Rec. = 0.54m	11	26.7		31.1	68.9		
		A-4, SiSa, gry, MTW, Rec. = 0.47m	11	24.8		54.8	45.2		

GEOLOGISTS REPORT:
SEE SHEET 3

PROJECT NAME: LEICESTER
SITE NAME: BR-6
STATION: I+131.0
GROUND EL.: 106.454

PROJECT NUMBER: BRF 0160 (3) S
SITE NO.: TH-1
OFFSET: -2.662
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-7-5	A-7-5, Clay, gry, Sat, Rec. = 0.60m	6	74.4		0.3	99.7	68	38
	A-7-6	A-7-6, Clay, Lt/gry, Sat, Rec. = 0.60m	1	74.3		0.3	99.7	69	41
	A-7-6	A-7-6, Clay, Lt/gry, MTW, Rec. = 0.60m	WH	42.1		0.3	99.7	68	40
	A-7-6	A-7-6, Clay, Lt/gry, Wet, Rec. = 0.60m	WH	68.6		0.3	99.7	69	41
20	A-7-6	A-7-6, Clay, Lt/gry, Wet, Rec. = 0.60m	WH	63.3		0.3	99.7	68	39
	A-7-6	A-7-6, Clay, Lt/gry, Wet, Rec. = 0.60m	WH	64.3		0.3	99.7	68	40
		Lost casing, 24.0m-27.0m, No Sample							
	A-7-6	A-7-6, Clay, gry, Wet, Rec. = 0.50m	WH	54	11	1.5	87.5	55	28
	A-7-6	A-7-6, Clay, gry, Wet, Rec. = 0.44m	WH	58.3	1.3	1.7	97	55	29

GEOLOGISTS REPORT:
SEE SHEET 3

PROJECT NAME: LEICESTER
SITE NAME: BR-6
STATION: I+131.0
GROUND EL.: 106.454

PROJECT NUMBER: BRF 0160 (3) S
SITE NO.: TH-1
OFFSET: -2.662
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, gry, MTW, Rec. = 0.55m	WH	40.2		0.6	99.4	49	26
		A-2-4, ClGr (visual), gry, Moist, Rec. = 0.17m, Top of bedrock @ 32.70m	24	7.4	52.9	17.8	29.3		
		Run #1: BXMDC, 32.7m-34.2m, Rec. = 1.29m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	86	70	40			
		Run #2: BXGDC, 34.2m-35.45m, No Rec., See Geologist's Report.	2	NA	NA	NA			
35		Hole stopped @ 35.45m							

GEOLOGISTS REPORT:

Run #1: Gray limestone, Hard, Unweathered, Competent.

Run #2: No recovery, Core barrel broken, Drillers report no seams encountered.



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING NUMBER: B-201
SHEET 1 of 2
DATE STARTED: 12/09/05
DATE COMPLETED: 1/06/06

PROJECT NAME: LEICESTER
SITE NAME: TH-1
STATION: 1+131 (metric)
OFFSET: 6.5 (metric)
VTSPG: N 494646.94 ft E 1469516.30 ft

PROJECT NUMBER: BR 0160(3)S
SITE NUMBER: BR-6
GROUND ELEVATION:
GROUNDWATER DEPTH: 8.0 ft 1/06/06
PROJECT PIN NUMBER: 95J288

BORING CREW
CREW CHIEF: GARROW
DRILLER: TALLMAN
LOGGER: RUSSELL

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL & TUBE
CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		Field Note: Cleaned out casing.							
		A-4, SaSi, brn, Moist, Rec. = 0.6 ft	3	23.8	1.9	30.8	67.3		
		Field Note: Pulled casing. Changed bit @ 7.0' into boulders.							
10		Field Note: No Recovery. Trace of brown Sandy Silt material. Pulled casing and changed bit.	5						
		A-4, SiSa, gry, Moist, Rec. = 0.5 ft	5	33.3	0.1	64.2	35.7		
20		A-2-4, SiSa with Trace of Organics (5.8%), gry, Moist, Rec. = 1.7 ft, Wood material was within sample.	3	64.1	0.0	66.4	33.6		
		A-4, SaSi with Trace of Organics (5.0%), gry, Moist, Rec. = 1.3 ft, Wood material was within sample.	2	62.3	0.0	40.5	59.5		
30		A-4, Si, gry, Moist, Rec. = 1.5 ft, Sample tested as NP for Limits.	WH	34.1	0.0	2.8	97.2		
		Shelby Tube Sample, Rec. = 2.0 ft, 35.0 ft - 37.0 ft, Possible silty sand material.							
		Vane Shear 550/225 psf, 38.0 ft - 38.5 ft							
40		Shelby Tube Sample, Rec. = 1.75 ft, 40.0 ft - 42.0 ft, Possible silty sand material.							
		Vane Shear 1250/400 psf, 43.0 ft - 43.5 ft							
		A-4, SaSi, gry, Moist, Rec. = 1.4 ft	7	25.8	0.1	32.0	67.9		
		Vane Shear 650/225 psf, 48.0 ft - 48.5 ft							
50		Shelby Tube Sample, Rec. = 2.0 ft, 50.0 ft - 52.0 ft, Possible silty clay material.							
		Visual Class: A-7-6, Clay, Vane Shear 1050/80 psf, gry, MTW, 53.0 ft - 53.5 ft, Material taken off vane.		72.9				64	37

LOG OF BORING LEICESTER BR0160(3)S.GPJ VT.AOT.GDT 4/6/07



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING NUMBER: B-201
SHEET 2 of 2
DATE STARTED: 12/09/05
DATE COMPLETED: 1/06/06

PROJECT NAME: LEICESTER
SITE NAME: TH-1
STATION: 1+131 (metric)
OFFSET: 6.5 (metric)
VTSPG: N 494646.94 ft E 1469516.30 ft

PROJECT NUMBER: BR 0160(3)S
SITE NUMBER: BR-6
GROUND ELEVATION:
GROUNDWATER DEPTH: 8.0 ft 1/06/06
PROJECT PIN NUMBER: 95J288

BORING CREW
CREW CHIEF: GARROW
DRILLER: TALLMAN
LOGGER: RUSSELL

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL & TUBE
CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		Shelby Tube Sample, Rec. = 1.8 ft, 55.0 ft - 57.0 ft, Possible clay material.							
		Vane Shear 775/35 psf, 58.0 ft - 58.5 ft							
60		Shelby Tube Sample, Rec. = 1.85 ft, 60.0 ft - 62.0 ft, Possible clay material.							
		Vane Shear 950/100 psf, 63.0 ft - 63.5 ft							
		Shelby Tube Sample, Rec. = 2.0 ft, 65.0 ft - 67.0 ft, Possible clay material.							
		Vane Shear 700/80 psf, 68.0 ft - 68.5 ft							
70		Shelby Tube Sample, Rec. = 2.0 ft, 70.0 ft - 72.0 ft, Possible clay material.							
		Vane Shear 650/35 psf, 73.0 ft - 73.5 ft							
		Shelby Tube Sample, Rec. = 2.0 ft, 75.0 ft - 77.0 ft, Possible clay material.							
		Vane Shear 550/50 psf, 78.0 ft - 78.5 ft							
80		Shelby Tube Sample, Rec. = 2.0 ft, 80.0 ft - 82.0 ft, Possible clay material.							
		Vane Shear 625/35 psf, 83.0 ft - 83.5 ft							
		Shelby Tube Sample, Rec. = 2.0 ft, 85.0 ft - 87.0 ft, Possible clay material.							
90		Shelby Tube Sample, Rec. = 1.8 ft, 90.0 ft - 92.0 ft, Possible clay material.							
		Shelby Tube Sample, Rec. = 2.0 ft, 95.0 ft - 97.0 ft, Possible clay material.							
100		Shelby Tube Sample, Rec. = 0.5 ft, 100.0 ft - 101.85 ft, Possible clay material.							
		101.85 ft, Possible Bedrock Hole stopped @ 101.85 ft							
		DRILLER'S NOTES: 1. Vane used was 3x6 inches. 2. Vane Shear = Initial/Remold							

LOG OF BORING LEICESTER BR0160(3)S.GPJ VT.AOT.GDT 4/6/07