



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: BRF 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 BRF0160(3)S.GPJ VT.AOT.GDT 4/6/07



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OFFSET: 6.5 (metric)
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PROJECT NUMBER: BRF 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
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		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							

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