

Soil type <i>Leicester?</i>		Date <i>7-9-75</i>	Stop No.	Soil type
Classification		Area <i>Town of Exeter</i>		
Location <i>1300' west of I-95, 2500' S of Austin Farm road, (50' E. of intermittent stream)</i>			Elev.	
N. veg. (or crop) <i>Red maple, W. Ash, Yellow Birch (B. F.)</i>	Climate		R.I. Grid: <i>454,400 FT. East</i> <i>183,200 FT. North</i>	
Parent material <i>Till</i>		Physiography		
Relief	Drainage <i>Very Poorly drained?</i>	Salt or alkali		
Elevation	Gr. water <i>12"</i>	Stoniness <i>Extremely Stony</i>		
Slope <i>1%</i>	Moisture			
Aspect <i>NW</i>	Root distrib.	% Clay *		
Erosion	% Coarse fragments *	% Coarser than V.F.S.*		
Permeability				File No.
Additional notes				
<i>Described by E. Stuart, B. Laskey, J. Gagnon</i>				

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry MATTERS	Moist MATTERS			Rooty Dry	Moist	Consistent Wet		
O	4"-0"	decomposed OM with many live roots								
A ₁	0-4"		10YR 4/1	G-SL	1FGR	Few Fine	Fr	25%	5.4	a/s
B21 _g	4-14" <small>OMd 10YR 6/6 - 10YR 5/2</small>		10YR 5/2	LS	1FGR	none	Fr	15%	5.6	CS
B22	14-20" <small>mcp 5YR 5/2 2.5YR 6/2</small>		10YR 6/6	LS	1FGR	"	Fr	100%	5.6	Discontin
B23	20-23" <small>* MCP 10YR 5/6 2.5YR 6/2</small>		10YR 6/6	FSL	1FSBK	"	Fi	5%	5.6	Discontin
C	23-60" <small>ckd 10YR 6/9 10YR 6/9</small>		2.5YR 6/4	G-LS	1FGR	"	Fr	30%	5.6	

NOTE: The LS Texture is outside the range of Leicester

*NOTE - (Discontinuous) - pockets of FSL

Soil type <i>Leicista very stony</i>		Date <i>20 Jan 65</i>	Stop No.
Classification		Area	
Location <i>Regnier Farm; Meeting House Road, W. Greenwich</i>		Elev.	
N. veg. (or crop)		Climate	
Parent material			
Physiography			
Relief	Drainage <i>poor and v p</i>	Salt or alkali	
Elevation	Gr. water	Stoniness	
Slope <i>A</i>	Moisture		
Aspect	Root distrib.		
Erosion			
Permeability.			
Additional notes			

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Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
①	area S of house O ₁ 0-2									
A _{2g}	2-18	dominantly weathered rock fragments intermixed with fl. material.								
②	area W of house (mile away)	water table at 17" from the surface; very stony surface								
O ₁	0-11	stony to very stony surface - snow cover; murky surface								
A _{1g}	11-20	gravelly sandy loam; 40-45% cr skeletal; water table 1" from ground surface								

Soil type	Leicester ?		Date	8-11-69	Stop	3.
Classification	Acric Hapludult		Area	Smith Field - DPT 3H-164		
Location	50' W of Mowry Rd., 900' N. of # 116				Elev.	
N. veg. (or crop)			Climate			
Parent material						
Physiography	Till					
Relief	Level	Drainage	Poor	Salt or alkali		
Elevation		Gr. water	-	Stoniness	0	
Slope	A	Moisture				
Aspect		Root distrib.				
Erosion						
Permeability						
Additional notes	Pan ?					

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Horizon	Depth	Color		Texture	Structure	Consistence			Reaction Co. Sk	Boundary
		Dry	Moist			Dry	Moist	Wet		
O ₁	1/2"-1"	FOREST LITTER. Loose leaf + Twigs								
O ₂	1-0"	Well decomposed O.M. (1) 10YR 2/2								
A _p	0-8"	10YR 2/2		FSL	1 fga.		mfa.		10%	As
C ₁	8-23"	10YR 6/2 (2) 5/6		g FSI	om		mfa.		40%	gw
C ₂	23-36"	10YR 6/2		g sil	om (3)		mfa.		25%	
Silstone about 50% mottled at 30" ± (1) many med. + fine roots (2) 10% Si Pockets (3) Breccias to soft silt. clods + ^{weak} plates										

Soil type	Leicester fs1		Date	4/20/76	Stop No.	6
Classification	Typic Haplagnpts		Area			
Location	North (1/4 mile) of Route 138 near golf course - photo I-50			Elev.	200 Ft.	
N. veg. (or crop)	Wooded		Climate			
Parent material	Glacial till - schist, gneiss, granite					
Physiography	Glaciated uplands					
Relief	Depression	Drainage	SW P-PD		Salt or alkali	-
Elevation		Gr. water	9 inches		Stoniness	Class 4 (boulders)
Slope	2%	Moisture	Moist to wet			
Aspect		Root distrib.	A ₁ , A ₂ g: many fine med. B ₂₁ , B ₂₂ common fine		% Clay *	
Erosion	0	% Coarse fragments *	a few fine		% Coarser than V.F.S.*	
Permeability	Moderate					
Additional notes	Coarse fragments: A ₁ + A ₂ g = 5% B ₂₁ , B ₂₂ = 10-15% Cg = 20%					

Soil type.
Leicester fs1

File No.

Horizon	Depth (inches)	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
O2	3-0	Recent Litter (some decomposed)								
A1	0-5		7.5YR2/1	fsl-1	lfgr		vfr		5.0	aw
A2g	5-7	m2d: 5YR3/4 c2d: 7.5YR4/2	10YR4/2	fsl-1	lfgr		vfr		5.0	ew
B21	7-14	m2d: 5YR4/3 m2d: 2.5Y5/2	10YR5/2	fsl-sil	1msbk		fr		5.0	ew
B22	14-28		10YR5/4	fsl-sil	massive 1msbk		fr		5.0	ew
Cg	28-44		5Y5/1	^{gr} sl-fsl	massive		fr		5.0	

Note: Move mottled colors down one horizon as indicated above.