

SOIL DESCRIPTION

Soil type *Enfield silt loam*

File No.

Area *Town of South Kingstown, Washington Co, R.I.*

Date *July 16, 1975*

Stop No. *5*

Classification *Typic Dystrachpts; coarse-silty over sandy or sandy-skeletal, mixed, mesic*

Location *northeast corner of Trenton Park Refuge, 50 ft south of Waterock School House Rd.*

N. veg. (or crop) *grass.*

Climate

Parent material *Glacial outwash - with mottl.*

Physiography *Outwash plain*

Relief *Undulating*

Drainage *Well drained*

Salt or alkali

Elevation

Gr. water *Not encountered*

Stoniness

Slope *3%*

Moisture *Moist*

Aspect *South*

Root distrib. *See description*

% Clay*

Erosion

% Coarse fragments*

% Coarser than V.F.S.*

Permeability *Moderate in solum, very rapid below.*

Additional notes

* Control section average

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		% Dry Coarse Frags	Moist			Dry	Moist	Wet		
O1	2-1"		undecomposed	leaves & twigs						
O2	1-0"		partially	decomposed	leaves & twigs					? ↓
A1	0-3"	0-2%	10YR 3/3	sil	1fgr	fr	fr			as
B21	3-8"	1-3%	10YR 5/6	sil	1fgr		fr			es
B22	8-18"	3-5%	10YR 5/8 (w)	sil	1mgr		fr			cs
B23	18-30"	3-5%	10YR 6/6	vfsil	1mgr		fr			cs
TC1	30-40+ "	35-45%	2.5Y 5/4	gls	1		sg			

Soil type	<i>Enfield</i>	<i>50A</i>	Date	<i>5-19-75</i>	Stop No.
Classification			Area	<i>Cveta</i>	
Location	<i>E.W. 486,700 N.S. 159,000</i>		<i>Stocum Quadrangle</i>		
N. veg. (or crop)	<i>oak, blueberry</i>		Climate		
Parent material					
Physiography					
Relief	Drainage		<i>Well</i>		Salt or alkali
Elevation	<i>220 ft.</i>		Gr. water		Stoniness
Slope	<i>0-3</i>		Moisture		<i>None</i>
Aspect	Root distrib.				
Erosion					
Permeability					
Additional notes					
<i>Described by D. Sprankle</i>					

Soil type

File No.

Horizon	Depth	Color		Texture	Structure	Consistence %			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet C.F.		
01	2-1									
02	1-0									
Ap	0-7		10YR 4/4 (3)	sil	1fgr	m/fin	fr	5	5.4	CS
B21	7-16		10YR 5/6	sil	1fgr ^{isbb}	clfr	fr	5	5.2	gs
B22	16-27		10YR 5/8 (6)	sil	1fgr ^{isbb}	clfr	fr	5	5.4	CS
IC1	27-37		10YR 5/6	gs/	1fgr	flfr	fr	30	5.4	CS
IC2	37-60+		10YR 5/6	sand gravel	sg	none	ufr	65		

Soil type <i>Enfield silt loam</i>		Date <i>11/11/75</i>	Stop No. <i>2</i>
Classification <i>Typic Dystrachrepts</i>		Area <i>Carolina Block, R.I. (H-56)</i> ^{photo}	
Location <i>Top of Bank along Weed River about 1/2 mile North of Alton, R.I.</i>			Elev. <i>70</i>
N. veg. (or crop) <i>Forested with grass on ^{top of} bank</i>		Climate	
Parent material			
Physiography			
Relief <i>Level to gently sloping</i>	Drainage <i>well drained</i>	Salt or alkali	
Elevation	Gr. water <i>Deep (>10 ft.)</i>	Stoniness	
Slope <i>2%</i>	Moisture <i>Moist</i>		
Aspect	Root distrib. <i>Many fine in A, B21, B22 Common in B23 (fine and med.) - None in IC</i>		
Erosion <i>Slight</i>			
Permeability <i>Moderate</i>			
Additional notes			

Soil type

File No.

Horizon	Depth (inches)	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
O ₂	1/2-0	Fermentation layer of leaves, roots, etc.		10YR 2/1	—	—	—	—	<5.0	—
A ₁	0-1			10YR 2/1a	v fs	platy due to compact- ion	fr.		5.2	as
B ₂₁	1-9	2% gravel		10YR 5/8	sil	Massive → 1 in sbk at 1/2 s	v fr.		5.4	gw
B ₂₂	9-18	5% gravel		10YR 5/6	sil	Massive → 1 in sbk at 1/2 s	v fr.		5.2	cw
B ₂₃	18-24	15% gravel		10YR 5/4	sil	Massive	v fr.		5.2	aw
II C	24-40+	50% gravel	stratified s.d.g.	10YR 6/3 5YR 5/8	5+g	5G	loose		5.2	