

Soil type

WAPPING

Date

9-15-76

Stop No.

* Soil type
WAPPING

Classification

ARVIC DYSTROCHAE

Area

Location

old borrow pit? 200 south Richmond

N. veg. (or crop)

Papaya, ORGS, Ficus

Climate

Parent material

Physiography

Relief

Drainage

Mod. Well

Salt or alkali

Elevation

Gr. water

Stoniness

Slope

2%

Moisture

Aspect

SW

Root distrib.

% Clay *

Erosion

% Coarse fragments *

% Coarser than V. F. S. *

Permeability

Additional notes

Dissected

WOODLAND SITE, TAPLIP REPLAIN, and Oak

Samples 21+22

File No.

25

SOIL DESCRIPTION

SCS-Soils-232D, Rev. 12-70

* Control section average

WOODLAND SITE # 35

USDA-SCS

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry Mottles	Moist			Dry Coarse	Moist	Wet		
O ₁	2-1									
O ₂	1-0									
A ₁	0-4	10YR 3/1	10YR 3/1	Sil	Hsbk	3%	Fr	5.0	A ₀	
B ₀₁	4-9		10YR 5/6	Sil	Hsbk	3%	Fr	5.0	C ₅	
B ₀₂	9-14	10YR 5/8	10YR 6/4	Sil	Hsbk	3%	Fr	5.0	C ₀	
B ₀₃	14-24	2) RLD 7.5YR 6/2 C2D 7.5YR 5/2	10YR 6/4	Sil	Hsbk	3%	Fr	5.0	C ₅	
B ₀₃	24-28		10YR 5/4	Sil	Hsbk	10%	VFR	5.0	C ₅	
C	28-60	D	10YR 5/6	grls	Superficial fines	20%	Loose	5.2		

OK

Soil type <i>Wapping</i>		Date <i>8-28-66</i>	Stop No.
Classification <i>Agric Entic Normox</i>	Area <i>Scituate</i>		
Location <i>Henry Farm 50' off 7 mile rd.</i>			Elev.
N. veg. (or crop) <i>Veget.</i>		Climate	
Parent material			
Physiography <i>upland</i>			
Relief <i>level</i>	Drainage <i>mod</i>	Salt or alkali	
Elevation	Gr. water <i>-</i>	Stoniness <i>0</i>	
Slope <i>A 0-2</i>	Moisture		
Aspect	Root distrib.		
Erosion <i>1</i>			
Permeability <i>mod.</i>			
Additional notes			
<i>Profile is Pocket of S. 1 in FSL AREA</i>			

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Horizon	Depth	Color		Texture	Structure	Consistence (C.S.K)			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
A _p	0-10"		10YR 3/2	S.1	1 fgt	6-10"	Mf		6.5	AS
B ₂₁	10-17"		10YR 6/6	S.1	0 M	6-8"	Mf	2%	5.5	95
B ₂₂	17-23"	1) Mottled 10YR 5/6 cad	2.5Y 6/4 + 2.5Y 6/4	S.1	0 M	5-6"	F. in pl. 2)		5.0	AS
C ₁₉	23-32"	7.5YR 5/8 msp 11YR 5/6 m3d	5Y 4/2 + 5Y 7/1	S.1	0 M	8-10"	Mf		5.0	CS
D _C	32-40"	10YR 6/6 taf	5Y 4/3	9 SL	0 sq		2 Mf	25%	5.0-4.5	
		2) Breaks into med. sub. ang. clods								
		1) in lower part								

Soil type *S. Mod. N. arr. Wapping?* Date *13 May 58* Stop No.

Classification Area

Location *Reckham Woods Barb of Hill Greenhouse* Elev.

N. veg. (or crop) *Hardwood forest some Oak - Maple* Climate

Parent material

Physiography

Relief Drainage *M. ad.* Salt or alkali

Elevation Gr. water Stoniness

Slope *B* Moisture

Aspect Root distrib. *thin below*

Erosion

Permeability

Additional notes *Water table at 40"; evidence of A₁ below A₂*

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Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
A ₀₀	1 1/2-1	Same forest leaf litter								
A ₀	1-0	10YR 2/1								
A ₀	0-7 1/2	10YR 2/1		sil	massive		friable			
B ₂₁	7-10	10YR 4/5					friable - sub to below			
B ₂₂	10-26	10YR 5/6		sil			to massive			
B _{23g}	26-45	10YR 7/6 faint mottling 10YR 5/8 mottling		sp/pe			tends to be slightly firm in place - very loose to fall apart readily when disturbed.			
B _{24g}	45-48	10YR 2/1 - 6/1		sp/pe						
D ₀	48-64	10YR 7/6 2.5YR 3/6 mottles occ. 10YR 5/8 more brown, mottles		sp/pe						

Soil type

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Soil type *Mod. Narroy. - Wapping* Date *15 May 58* Stop No.Classification Area *shallow loam*Location *Rt 1 Tomerfield Woburn; just W of Newport Rd same date* Elev.N. veg. (or crop) *Hay field white clover - Lolium Temilla* Climate

Parent material

Physiography

Relief Drainage Salt or alkali

Elevation Gr. water Stoniness

Slope *B* Moisture

Aspect Root distrib.

Erosion

Permeability

Additional notes

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
A _p	0-8		10YR 2/1	gr. sil	massive					
B ₂₁	8-20		2.5Y 5/4	sil	sub- blocky					
B _{22g}	20-35		2.5Y 5/4	sil	"					
C	35-47		5Y 5/2	vpl	pin- point					
D	47+									
		(Mottles	7.5Y 5/6)							

Soil type <i>Wapping ?</i>		Date <i>25 July 66</i>	Stop No.	Soil type
Classification		Area		
Location <i>South Ferry Rd - Rt 1A</i>			Elev.	
N. veg. (or crop) <i>Burnt brush lot full; arrowwood,</i>		Climate <i>spines, Bayberry</i>		
Parent material				
Physiography				
Relief	Drainage <i>M</i>	Salt or alkali		
Elevation	Gr. water	Stoniness		
Slope <i>A1</i>	Moisture			
Aspect	Root distrib.			
Erosion	<i>some flat stones buried in profile;</i>			
Permeability				
Additional notes <i>This area near road; east area is Raynham; woods further east v p dr & very stony.</i>				

File No.

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
Ap	0-8		10YR 3/3	sil						
B21	8-18		10YR 5/8	sil vpl						
B22	18-24		10YR 5/3	sil vpl						
IIc1	24-30		10YR 5/6, 6/6, 6/4	eps	coarse			few bright mottles		
IIc2	30-36		10YR 6/3, 6/4	eps	coarse			few bright mottles		
IIc3	36-40		10YR 6/3	eps	loose					
IIIc1	40-48		5Y 6/1 10YR 5/6	sil				mottles (few)		
IIIc9x	48+		5Y 3/1 4/1	gr sil						

Don

Soil type	Wapping Si. L.		Date	10/18/74	Stop No.
Classification	Area West Greenwich, R.I.				
Location	4,200' East on Henry Brown road from intersection of New London Turnpike - south side of road				
N. veg. (or crop)	White Pine	Climate			
Parent material	Till				
Physiography					
Relief	Drainage	Mod. well W.T. at 14"	Salt or alkali		
Elevation	Gr. water	14" → 3" within 1/2 mi	Stoniness		
Slope	Moisture	Sew small			
Aspect	Root distrib.	m			
Erosion					
Permeability					
Additional notes	forest site index of 74'				

Soil type

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Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Bound-ary
		Dry	Moist			Dry	Moist	Wet		
		<i>coarse fragments</i>								
O1	1-0"	White Pine needles								
A1	0-7"	3%	^{Black} 2.5 Y 2/1	Si. L.	2 fth gr.		fr.		5.2	clear
B21	7-12"	3%	10 YR 3/4	Si. L.	1 msbk.		fr.	S.S. S.P.	5.0	
B22	12-24"	5%	10 YR 5/4	VFS. L.	1 msbk.		fr.	SS SP	5.4	probud
		c2d.	10 YR 6/2							
B23	24"-36"	5%	10 YR 5/4	FS L.	1 msbk.		fr.	n.s. mp.	5.8	pd.
		A2P M2P.	10 YR 5/8 10 YR 6/1							
C	36"-48"	5-10%	10 YR 6/1	FS L.	mass				6.0	

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary	Roots	Pores	Coarse Fragments
		moist Dry	Moist			Dry	Moist	Wet					
O ₂	0-1	2	2.5YR 2/4 (DK. reddish brown)	OM (sapric)	2-fgr		v. fr.		-5.0	a-s	many fine	—	0
A _p	0-7	A _p	7.5YR 3/2 (DK. brown)	sil	1-fam sbk		fr.		5.0	c-s	common, fine + med.	few medium	0
B ₂₁	7-12		10YR 4/4 (DK. yellowish brown)	sil.	1-coarse sbk.		fr.		5.2	c-w	Common medium + fine	few large + common	0
B ₂₂	12-27	c2d 7.5YR (strong brown) f2d 2.5Y 6/2 (Lt. brownish gray)	10YR 5/4 (yellowish brown)	sil	1-coarse sbk		fr.		-5.0	a-w	few	common medium	0
B ₂₃	27-29	c2p 7.5YR 6/6 (Reddish yellow)	5Y 6/2 (Lt. olive gray)	sil	1-coarse sbk.		fr.		-5.0	a-w	few	few medium	0
B ₂₄	29-36	c2p 5Y 6/2 (Lt. olive gray)	7.5YR 5/6 (strong brown)	sil	1-coarse sbk		fr.		-5.0	a-w	none	few fine	0
IIc	36-55		10YR 5/4 (Yellowish brown) and 7.5YR 5/6 (strong brown)	mixed	stratified lf, s, ls (fine pebbles in places) + single grain		loose with bodies of firm, slightly brittle		-5.0	—	none	—	10% fine pebbles in thin strata of C

Soil type		Date		Stop No.	
Classification		Area			
Location				Elev.	
N. veg. (or crop)		Climate			
Parent material					
Physiography					
Relief		Drainage		Salt or alkali	
Elevation		Gr. water		Stoniness	
Slope		Moisture			
Aspect		Root distrib.		% Clay *	
Erosion		% Coarse fragments *		% Coarser than V.F.S.*	
Permeability					
Additional notes					

Wapping

6-25-76

Sagecroft Camp

upland till

Vegetation, Tall blueberry, Cornus, Junco, Red maple, Mountain laurel
 Red oak, White Oak
 Low upland

Samples 748

* Control section average

WOODLAND SITE #20

USDA-SCS

Soil type
Wapping
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Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
0	0-0									
A1	0-2	5YR 3/2	5YR 3.5/1	Sl	Hyp	-m	fr	mf	4.8	cl
A2	2-5		10YR 3/2	Sl	Hyp	-m	fr	mf + m	4.6	cl
B01	5-10	organic, Bot. Stm.	10YR 4/4	Sl	1MsbR	-m	fr	cm	4.8	grw
B02	10-14	5YR 3/2	10YR 5/4	Sl	3C PL	5% m	fr	cl	4.8	grw
B03	14-31	cl 10YR 5/4 cat 10YR 5/2	10YR 3/3	Sl	1RC PL	5% m	fa	ff	5.0	grw
B3	31-37	5YR 3/2 10YR 3/2	10YR 5/3	Sl	1RC PL	5% m	fa	-	5.2	clw
C1	37-60			gsl		35%		-	5.2	

