

Soil type <i>Agawam fsl</i>		File No.
Area <i>Town of South Kingstown, Washington Co, R.I.</i>		Date <i>July 16, 1975</i>
Classification <i>Typical Dystrudbolls; coarse-loamy</i>		Stop No.
Location <i>4000 feet east of junction of Green Hill and Matamunk Schoolhouse Roads, in small opening in second growth woods</i>		
N. veg. (or crop) <i>Povertygrass, goldenrod, Rubus, highbush blueberry</i>	Climate	
Parent material <i>Glacial outwash</i>		
Physiography		
Relief <i>undulating</i>	Drainage <i>well drained</i>	Salt or alkali
Elevation	Gr. water <i>not encountered</i>	Stoniness
Slope <i>5%</i>	Moisture <i>moist</i>	
Aspect <i>southwest</i>	Root distrib. <i>See Description</i>	% Clay*
Erosion	% Coarse fragments *	% Coarser than V.F.S. *
Permeability <i>moderately rapid in column, rapid below</i>		
Additional notes <i>few erratic stones in pit - gneiss</i>		

SOIL DESCRIPTION

* Control section average

Location
road on low ridge between 19 bogs
of Nipsackuck Swamp, in 117 B
delineation.

Soil type	Agawam		Date	27 May 76	Stop No.
Classification	Area		Rhode Island Primrose block		
Location	Sheet N-10, SW quadrant, S of Log Road about 800 feet on woods (cont.)				
N. veg. (or crop)	Forest - oak, pine, maple, etc		Climate		
Parent material	Outwash				
Physiography	EsKer or other outwash ridge				
Relief	Normal	Drainage	Good	Salt or alkali	None
Elevation	410'	Gr. water	None	Stoniness	Nonstony
Slope	3%	Moisture	Moist		
Aspect	Root distrib.		Abund. to 14"; plast. to 25"		% Clay *
Erosion	None	% Coarse fragments *	10	% Coarser than V.F.S. *	
Permeability	Moderately rapid				

Additional notes This profile a bit shallower to sandy material than typical.
Inclusions of Merrimac are common in 117 B delineations. Some
Agawam intergrades to Charlton in valley margin positions; the
finer are well sorted but there are stones in and on the soil.

Horizon	Depth inches	Color		Texture	Structure	Consistence			Reaction	Bound- ary
		Dry	Moist			Dry	Moist	Wet		
O1	1-0		10YR 2/2 ^(1/2)							rs
A1	0-3		10YR 3/2	fsl ⁽¹⁾	lvtgr		rfr	po so	4.6	con
B21	3-14		10YR 4/4	fsl	0 or lvtstk		rfr	po so	4.6	gm
B22	14-25		10YR 5/6	fsl	0		rfr	po so	4.8	gm
C1	25-35		2.5Y 5/4	ifs	0		rfr	po so	4.8	gm
C2	35-40		l.Ke C1 but very cobbly							

Soil type AGAWAM		Date 12/2/75	Stop No.
Classification		Area COVENTRY	
Location 2500' E. OF Conn. R.I. border ON N. side OF Abandoned R.R. Line.			Elev.
N. veg. (or crop) Ritch Pine, White Oak, Little Blue stem, ^{Scrub} oak		Climate	
Parent material outwash			
Physiography			
Relief	Drainage W.D.	Salt or alkali	
Elevation 380'	Gr. water	Stoniness	
Slope 2%	Moisture		
Aspect	Root distrib.	% Clay *	
Erosion	% Coarse fragments *	% Coarser than V.F.S.*	
Permeability			
Additional notes			

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B. Hasbey & C. Ditzler

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Moist	Dry			% Cassie	Moist	Wet		
HP	0-11"	many fibers	10YR 3/2	fsl	1 fcbk	< 2%	fr	5.2	aw	
B21	11-19	Common fibers	10YR 5/0	fsl	1 fshk	< 3%	fr	5.2	ca	
B22	R-22	low fibers	10YR 6/8	fsl	1 v fshk	5%	vfr	5.2	ca	
B23	22-25	low fibers	2.5Y 5/4	fsl	1 fgr	8%	vfr	5.2	ca	
ZC1	25-30	low fibers	2.5Y 6/4	q/s	1 fgr	10%	L	5.2	ca	
Z2	30-50	low fibers	2.5Y 6/4	fine fakes web.	0 fgr	5%	L	5.2		

by Lloyd Jarland

Soil type
Agawam fs
File No.
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Soil type	Agawam fs		Date	4/21/76	Stop No.	4	
Classification	Typic Dystrachrepts		Area	Carolina Area, R.I.			
Location	Just west of Pawcatuck River on photo J-58				Elev.	40 Ft.	
N. veg. (or crop)	Crop Field (potatoes)		Climate				
Parent material	Sandy alluvial deposits						
Physiography	Stream terrace						
Relief	nearly level	Drainage	WD	Salt or alkali			—
Elevation		Gr. water	Below 5 feet	Stoniness			—
Slope	2/0	Moisture	Moist				
Aspect		Root distrib.	Ap, B21 = many fine + med B22 = common med.		% Clay *		
Erosion	0	% Coarse fragments *		II C few fine			% Coarser than V.F.S.*
Permeability	Moderately rapid						
Additional notes	Coarse fragments: Ap, B21, B22 = 2/0 ✓ II C = 5/0 ✓						

Notes: This is a weakly developed Agawam. The B horizon does not have enough sesquioxide content to be an B21r.

SOIL DESCRIPTION
SCS-SOILS-232A REV. 12-70

* Control section average

USDA-SCS

Horizon	Depth (inches)	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
Ap	0-7		10YR 3/3 ✓	fs ✓	ifgr		vfr		5.2	aw
B21	7-14		10YR 5/4 ✓	fs ✓	ifgr		vfr		5.2	aw
B22	14-36		10YR 6/6 ✓	fs ✓	ifgr		vfr ✓		5.0	aw
T/C	36-48	c2R = 10YR 7/1	10YR 5/4 ✓	fs ✓	sg		loose ✓		5.0	off

Low chroma mottling below 36" - borders on micaceous.

Soil type <i>Asowam. c/s</i>		Date <i>5-10-77</i>	Stop No.
Classification		Area	
Location <i>Yonkers Pond Road, South Kensington</i>		Climate	
N. veg. (or crop)		Parent material	
Physiography			
Relief	Drainage	Salt or alkali	
Elevation	Gr. water	Stoniness	
Slope	Moisture		
Aspect	Root distrib.		
Erosion	<i>Dean + Bill C.</i>		
Permeability			
Additional notes			

Soil type

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Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
O ₁		leaves		leaves						
O ₂		dead roots	7.5YR 3/2	dead roots						AS
Ap	0-7		7.5YR 4/4	fsl	1MGR		mfr		5.0	AS
B ₂₁	7-17		10YR 5/6	fsl	2MSBK		mfr		5.2	GRW
B ₂₂	17-27		7.5YR 6/6	fsl	2MSBK		mfr		5.3	GRW
B ₃	27-32		7.5YR 6/4	fsl	G3MSBK		mfr		5.4	AS
IC ₁	32-38		10YR 6/3	medium sand	LS		mfr		5.0	GRW
IC ₂	38-60		20% gravel 10YR 6/3	gravelly sand	LS		mfr		5.0	
		B ₃ - has silt bands								