

Soil type

File
No.Soil type *Pittstown*Date *10-24-73*

Stop No.

Classification

Area

Location *TIVERTON, 1400' E. of E. Road, 1000' S. of Narrow Rd. (100' E.S.E. of abandoned*N. veg. (or crop) *hardwood*~~Climate~~ *Television transmitter*Parent material *Glacial Till.*

Physiography

Relief

Drainage *Moderate*

Salt or alkali

Elevation

Gr. water

Stoniness

Slope *0-1%*

Moisture

Aspect *E*

Root distrib.

Erosion

Permeability

Additional notes

*Description made in the bank of drainage ditch running
E.S.E. from abandoned Television transmitter.
(located on photo FF-8 1 1/4" W. of East edge of photo, 2 3/4" N. of south edge.)*

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Bound-ary
		Dry	Moist			Dry ROOTS	Moist	Wet Fragment		
O ₁	2-1									
O ₂	1-0	*								
A ₁	0-4		10YR 2.5/1	sil ¹	1fgr	few-med. & fine	vf	10%	4.8	CS
B ₂₁	4-11		7.5YR 3/2	Sil	1fgr	few fine	vf ¹	10%	5.0	CS
B ₂₂	11-15		10YR 3/3	Sil	1fgr	few fine	vf	15%	5.0	CW
C ₁	15-25	Few Med. distinct	2.5Y 5/6 mottles	fs ²	2fgr	few fine & roots	f	20%	5.2	gw
C _{2X}	25-36	Common Med distinct Few small "	10YR 4/6 MOTTLES 5YR 5/6 MOTTLES	fs ²	Massive	none	firm	30%	5.2	CS
C _{3X}	36+	Few coarse distinct	2.5Y 5/6 5Y 6/1	Sil	Massive	none	firm	20%	5.2	

1 Approx 10% on

2 Pockets of weakly cemented sandy loam (2-6" diam.)

* 2 in. layer (above A₁ horizon) not described - appears to have been deposited when the ditch was excavated. Layer is sil-gray color.

Haigle

Soil type *Pittsboro s.l.* Date *5/14/58* Stop No.

Classification Area *New York Co.*

Location *Middletown - 1/4 mi. N.W. Newland S.C.* Elev.

N. veg. (or crop) *Disturbed hay* Climate

Parent material

Physiography *upland*

Relief Drainage *wood.* Salt or alkali

Elevation Gr. water Stoniness

Slope *4%* Moisture

Aspect Root distrib.

Erosion

Permeability

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Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
A _p	0-7		10yR 3/2	sil	2 eq.		mfr.		5.8	as
B ₂₁	7-10		5y 4/3	"	1/0 M		mfr.		10	cu
B ₂₂	10-22	5y 4/2 mottled	5y 5/4	loam	"		mfr.		10-15	cu
C _{4g}	22-30	5G 2/4/1 2 5y 5/4	5y 5/4	gravel sil	10 pl		mufi		30	

Soil type <u>PITTS TOWN</u>		Date <u>10-16-73</u>	Stop No.
Classification <u>Argentic Haplo FRAGIOETHALS</u>		Area	
Location <u>750 Ft. North and 640 Ft. East of overpass of R.I. 24 and Fish Rd. / Tiverton R.I.</u>			
N. veg. (or crop)		Climate	
Parent material <u>GLACIAL TILL</u>			
Physiography			
Relief	Drainage <u>moderate</u>	Salt or alkali	
Elevation	Gr. water	Stoniness <u>Very stony</u>	
Slope <u>2%</u>	Moisture		
Aspect <u>South</u>	Root distrib.		
Erosion			
Permeability			
Additional notes			
<u>Described by M.A. TOWNSEND & Ev Stuart</u>			
<u>Pit MARKED ON BACK OF PHOTO DD-4</u>			

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Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary	
		Dry	Moist			Dry C.F.	Moist	Wet Roots			
	1-0	Undecomposed leaves		4	twigs						
A1	0-2		10YR3/1	sil	1fgr	5%	fr	MANY FINE	6.2	as	
B21	2-6		10YR3/2	vfsl	2mgr	5%	fr	"	6.0	as	
B22	6-18		10YR5/4	vfsl	2mgr	15%	fr	many fine & few coarse	6.0	gw	
C1x	18-30	Rockets of Rotten Rock - 50% of horizon		2.5Y 5/4	vfsl	1Cpl	60%	fi	few fine	5.6	gw
C2x	30-48	Bands of Rotten Rock 1-1 1/2" thick		5Y 5/1 matrix	vfsl	M	60%	fi	—	5.4	

Rotten Rock → 5YR 4/4

Mottling in C1x 2.5Y 5/2 many med. prominent

Rotten Rock in C2x breaks to fsl easily

Soil type <u>Hittstown Silt Loam</u>		Date <u>4/2/76</u>	Stop No.
Classification		Area	
Location <u>Newport 750' W TONY HILL MONUMENT</u>		Photo <u>X-28</u>	
N. veg. (or crop) <u>HERBACEOUS PLANTS (GRASSES)</u>		Climate	
Parent material			
Physiography			
Relief	Drainage <u>Moderately Well</u>	Salt or alkali	
Elevation	Gr. water	Stoniness <u>< 2%</u>	
Slope <u>6%</u>	Moisture		
Aspect <u>West</u>	Root distrib.	% Clay *	
Erosion	% Coarse fragments *	% Coarser than V.F.S. *	
Permeability			
Additional notes			
<u>By C. Ditzler & B. Laney & Leroy Washington (from Watts)</u> <u>SCS. a equal opportunity employer</u>			

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