

DOST Party

Soil type	Newport fSL		Date	10/31/73	Stop No.
Classification			Area		
Location	Prudence Island, Photo X-32, 100' north of Navy base - westside of road				
N. veg. (or crop)	old field	Climate			
Parent material	hard shale & slate				
Physiography					
Relief	Drainage	well-drained	Salt or alkali		
Elevation	Gr. water	deep,	Stoniness		
Slope	A - 2%		Moisture		
Aspect	west		Root distrib.		
Erosion					
Permeability	slow				
Additional notes					

Soil type

File
No.

Sample

Soil type <i>Newport sil</i>		Date <i>1964</i>	Stop No.
Classification <i>Entic Fragioorthod</i>	Area <i>Newport Co.</i>		
Location <i>Middletown - off Indiana ave.</i>		Elev.	
N. veg. (or crop) <i>old nursery</i>	Climate		
Parent material <i>glacial till</i>			
Physiography <i>upland</i>			
Relief <i>gently sloping</i>	Drainage <i>well</i>	Salt or alkali	
Elevation	Gr. water	Stoniness	
Slope <i>3-5%</i>	Moisture		
Aspect <i>East</i>	Root distrib.		
Erosion			
Permeability			
Additional notes			

Soil type

File No.

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
Ap	0-9"		10yR 2/2	silt	² / ₁ eq.		3/1 mofr			as
B ₂₁	9-18"		2.5y 4/1	1/1 gran. silt	1c sbk		mfr			cw
B ₂₂	8-23		5y 4/2-5/3	"	1c pl		"			cw
C _{1x}	23-31	5y 4/1 with sh 10yR 3/4	with ghaets	"	"		4/1 mofi			"
C _{2x}	31-36	5y 4/1 to 2/4		"	"		"			
1	gravelly mass more than 20% coarse skeleton									
2	Weak coarse granular									
3	Mofr. very friable when moist.									
4	mofi. Very firm when moist									

Soil type Newport fSL. File No. _____

Area Jamestown Island Date 4/27/70 Stop No. _____

Classification _____

Location Jamestown, From Jamestown Bridge 2800' southeast. Photo DPI-2H-35

N. veg. (or crop) _____ Climate _____

Parent material _____

Physiography _____

Relief	Drainage <u>well</u>	Salt or alkali
Elevation	Gr. water <u>Deep</u>	Stoniness
Slope <u>A</u>	Moisture	
Aspect <u>West</u>	Root distrib.	
Erosion <u>None</u>		
Permeability <u>slow</u>		

Additional notes Rock ranges from 47-60" in pit. Pit is near house being constructed for a septic pit.

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary				
		Dry	Moist			Dry	Moist	Wet						
AP	0-8		10YR 3/2	vSSL			fr.							
B2	8-26		5Y 5/3	sSL			fr.							
C1X	26-42		5Y 3/1	siL			hard stone frag							
R	42"	rock												

Soil type		10B	Newport	Date	7/28/72	Stop	
Classification			Area Little Compton, R.I.				
Location			Photo EE-20, (2.75 West 2.25 South)			1/4 mile south of commons	
N. veg. (or crop)			Elev.				
Parent material			Climate				
Physiography							
Relief		gently rolling		Drainage		well drained	
Elevation				Gr. water		deep	
Slope		B - A%		Moisture			
Aspect		south west		Root distrib.			
Erosion							
Permeability							
Additional notes							

Soil type

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Soil type	NEWPORT silt loam		Date	8-15-72	Stop No.	Soil type
Classification			Area	Little Compton		
Location	photo GG-12 (5"S-7 ¹⁵ / ₁₆ "W) / 20ft. E. of power pole #12 in Hayfield 250ft NE of					
N. veg. (or crop)	Hayfield		Climate	where private road to Goosewing Beach ↓ also called Tunipus Beach		
Parent material	glacial till		curves to the south			
Physiography	glaciated elongate hills					
Relief	moderate	Drainage	well	Salt or alkali	-	
Elevation		Gr. water		Stoniness		
Slope	2%	Moisture	moist			
Aspect	west	Root distrib.				
Erosion						File No.
Permeability						
Additional notes	The location is in the transitional zone between the darker soils of the Narragansett basin and the lighter, granitic soils to the east in Mass.					
SCS-232D Soil Description-9-63		Description from small pit by E.C.A. Stuart				

10A

D. G. S.

Soil type	Newport Silt		Date	10/12/73	Stop No.
Classification			Area	Portsmouth, R. I.	
Location	photo - 28-924 (BB-22) 50' North of cemetery in Northwest corner of photo				
N. veg. (or crop)	corn field		Climate		
Parent material	dark shale + slate				
Physiography					
Relief	Drainage	well	Salt or alkali		
Elevation	Gr. water	deep	Stoniness		
Slope	A		Moisture		
Aspect	Root distrib.				
Erosion					
Permeability	slow				
Additional notes					

Soil type

File
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Soil type

File
No.Soil type Newport SilDate 10-17-73

Stop No.

Classification

Area

Location Portsmouth - Melville Public Fishing Area (DNR)In roadside ditch along →N. veg. (or crop) old hay field - grass & shrubs

Climate

Parent material

Physiography

Relief

Drainage well

Salt or alkali

Elevation

Gr. water

Stoniness

Slope 40%

Moisture

Aspect W

Root distrib.

Erosion

Permeability

Additional notes N. side of dirt road which runs from W. Main Rd. to the Bay. Description taken about 1000' E. of shoreline - 50' N. of concrete Sluiceway from Reservoir Dam

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry Roots	Moist	Wet C.F.		
AP	0-10		10YR 3/2 ✓	sil ✓	ifgr ✓	MANY FINE	fr ✓	15% ✓	5.8 ✓	CS
B21	10-19		^{40%} * 2.5Y 4/2	sil	1CSbk	COMMON FINE	fr	25% ✓	5.6 ✓	GS
B22	19-27		2.5Y 4/4	sil	1CSbk	FEW FINE	fr.	25% ✓	5.4 ✓	CS
CX	27-40		5Y 3/2	c sil	massive	NONE	Fi	40%	5.6	

* Considerable earth worm casts in the Ap + B2 horizons

many of the channery fragments in the CX are very high in carbon (i.e. very black)

Soil type		Newport silt		Date	21 Jul 1976	Stop No.	CAR
Classification			Typic Fragic cambosol		Area		
Location			S. end Little Compton, at end of Long Pasture Rd.		Elev.		
N. veg. (or crop)				Climate			
Parent material							
Physiography							
Relief		Drainage		Salt or alkali			
Elevation		Gr. water		Stoniness			
Slope		Moisture					
Aspect		Root distrib.					
Erosion							
Permeability							
Additional notes		Taken during 1976 Field Review					

Soil type

File No.

