

(Absence of an entry indicates that data were not estimated.)

Map symbol and soil name	Depth	Cation	Effective	Soil	Calcium	Gypsum	Salinity	Sodium
		exchange	cation	reaction	carbon-		mmhos/cm	
	In	capacity	exchange		ate			tion
		meq/100 g	capacity	pH	Pct	Pct		ratio
Bd:								
Berryland-----	0-12	---	---	3.6-4.4	---	---	---	---
	12-20	---	---	4.5-5.0	---	---	---	---
	20-30	---	---	4.5-5.0	---	---	---	---
	30-40	---	---	4.5-5.0	---	---	---	---
	40-72	---	---	4.5-5.0	---	---	---	---
Bo:								
Borrow Pits-----	0-10	---	---	---	---	---	---	---
	10-60	---	---	---	---	---	---	---
Co:								
Dune Land-----	0-6	---	---	---	---	---	---	---
	6-60	---	---	---	---	---	---	---
Coastal Beach-----	0-6	---	---	5.1-7.8	---	---	4.0-16.0	---
	6-60	---	---	5.1-7.8	---	---	4.0-16.0	---
El:								
Elkton-----	0-10	---	5.0-10	3.6-5.5	---	---	---	---
	10-24	---	2.0-10	3.6-5.5	---	---	---	---
	24-40	---	2.0-10	3.6-5.5	---	---	---	---
	40-60	---	2.0-10	3.6-5.5	---	---	---	---
Em:								
Elkton-----	0-10	---	5.0-10	3.6-5.5	---	---	---	---
	10-24	---	2.0-10	3.6-5.5	---	---	---	---
	24-40	---	2.0-10	3.6-5.5	---	---	---	---
	40-60	---	2.0-10	3.6-5.5	---	---	---	---
EoB:								
Evesboro-----	0-16	---	1.0-3.0	3.6-5.0	---	---	---	---
	16-30	---	1.0-2.0	3.6-5.0	---	---	---	---
	30-72	---	1.0-3.0	4.5-5.0	---	---	---	---
EoD:								
Evesboro-----	0-16	---	1.0-3.0	3.6-5.0	---	---	---	---
	16-30	---	1.0-2.0	3.6-5.0	---	---	---	---
	30-72	---	1.0-3.0	4.5-5.0	---	---	---	---
EsD:								
Evesboro-----	0-16	---	1.0-3.0	3.6-5.0	---	---	---	---
	16-30	---	1.0-2.0	3.6-5.0	---	---	---	---
	30-72	---	1.0-3.0	4.5-5.0	---	---	---	---
EvA:								
Evesboro-----	0-40	---	---	3.6-5.0	---	---	---	---
	40-60	---	---	4.5-5.0	---	---	---	---
EvB:								
Evesboro-----	0-40	---	---	3.6-5.0	---	---	---	---
	40-60	---	---	4.5-5.0	---	---	---	---
Fa:								
Fallsington-----	0-11	---	2.0-5.0	3.6-5.5	---	---	---	---
	11-27	---	1.0-3.0	3.6-5.5	---	---	---	---
	27-60	---	1.0-3.0	3.6-5.5	---	---	---	---

Table J2.--Chemical Properties of the Soils--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
Fs:								
Fallsington-----	0-11	---	2.0-5.0	3.6-5.5	---	---	---	---
	11-27	---	1.0-3.0	3.6-5.5	---	---	---	---
	27-60	---	1.0-3.0	3.6-5.5	---	---	---	---
Ft:								
Fill Land-----	0-60	---	---	---	---	---	---	---
Jo:								
Johnston-----	0-30	---	---	4.5-5.5	---	---	---	---
	30-34	---	---	4.5-5.5	---	---	---	---
	34-60	---	---	4.5-5.5	---	---	---	---
Ka:								
Kalmia-----	0-9	---	2.0-10	3.6-5.5	---	---	---	---
	9-40	---	1.0-5.0	3.6-5.5	---	---	---	---
	40-70	---	1.0-5.0	3.6-5.5	---	---	---	---
KbA:								
Kenansville-----	0-24	---	---	4.5-6.0	---	---	---	---
	24-36	---	---	4.5-6.0	---	---	---	---
	36-80	---	---	4.5-6.0	---	---	---	---
KbB:								
Kenansville-----	0-24	---	---	4.5-6.0	---	---	---	---
	24-36	---	---	4.5-6.0	---	---	---	---
	36-80	---	---	4.5-6.0	---	---	---	---
KfA:								
Keyport-----	0-10	---	4.0-12	3.6-5.5	---	---	---	---
	10-60	---	12-20	4.5-5.5	---	---	---	---
	60-72	---	2.0-16	3.6-5.5	---	---	---	---
KfB2:								
Keyport-----	0-10	---	4.0-12	3.6-5.5	---	---	---	---
	10-60	---	12-20	4.5-5.5	---	---	---	---
	60-72	---	2.0-16	3.6-5.5	---	---	---	---
Kl:								
Klej-----	0-9	---	2.0-5.0	3.6-5.5	---	---	---	---
	9-39	---	1.0-3.0	3.6-5.5	---	---	---	---
	39-47	---	1.0-3.0	3.6-5.5	---	---	---	---
	47-60	---	1.0-3.0	3.6-5.5	---	---	---	---
Mm:								
Matawan-----	0-20	---	---	4.5-5.5	---	---	---	---
	20-38	---	---	3.6-5.5	---	---	---	---
	38-60	---	---	3.6-5.5	---	---	---	---
Mn:								
Matawan-----	0-20	---	---	4.5-5.5	---	---	---	---
	20-38	---	---	3.6-5.5	---	---	---	---
	38-60	---	---	3.6-5.5	---	---	---	---
Mu:								
Muck-----	0-39	---	100-300	3.6-5.5	---	---	0.0-2.0	---
	39-60	---	1.0-5.0	4.5-5.0	---	---	---	---
Os:								
Osier-----	0-8	---	---	3.6-6.0	---	---	---	---
	8-48	---	---	3.6-6.0	---	---	---	---
	48-75	---	---	3.6-6.0	---	---	---	---

Table J2.--Chemical Properties of the Soils--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
Pm:								
Pocomoke-----	0-10	---	---	3.6-5.5	---	---	---	---
	10-28	---	---	3.6-5.5	---	---	---	---
	28-40	---	---	3.6-5.5	---	---	---	---
	40-60	---	---	3.6-5.5	---	---	---	---
Pt:								
Portsmouth-----	0-19	---	---	3.6-5.5	---	---	---	---
	19-35	---	---	3.6-5.5	---	---	---	---
	35-38	---	---	3.6-5.5	---	---	---	---
	38-72	---	---	3.6-6.0	---	---	---	---
RuA:								
Rumford-----	0-17	---	---	3.6-5.5	---	---	---	---
	17-37	---	---	3.6-6.0	---	---	---	---
	37-60	---	---	3.6-6.5	---	---	---	---
RuB:								
Rumford-----	0-17	---	---	3.6-5.5	---	---	---	---
	17-37	---	---	3.6-6.0	---	---	---	---
	37-60	---	---	3.6-6.5	---	---	---	---
RuC:								
Rumford-----	0-17	---	---	3.6-5.5	---	---	---	---
	17-37	---	---	3.6-6.0	---	---	---	---
	37-60	---	---	3.6-6.5	---	---	---	---
Ry:								
Rutlege-----	0-18	---	20-30	3.6-5.5	0	0	---	---
	18-60	---	2.0-6.0	3.6-5.5	0	0	---	---
SaA:								
Sassafras-----	0-9	---	2.0-10	3.6-5.5	---	---	---	---
	9-40	---	1.0-5.0	3.6-5.5	---	---	---	---
	40-70	---	1.0-5.0	3.6-5.5	---	---	---	---
SaB:								
Sassafras-----	0-9	---	2.0-10	3.6-5.5	---	---	---	---
	9-40	---	1.0-5.0	3.6-5.5	---	---	---	---
	40-70	---	1.0-5.0	3.6-5.5	---	---	---	---
SaC2:								
Sassafras-----	0-9	---	2.0-10	3.6-5.5	---	---	---	---
	9-40	---	1.0-5.0	3.6-5.5	---	---	---	---
	40-70	---	1.0-5.0	3.6-5.5	---	---	---	---
SaD:								
Sassafras-----	0-9	---	2.0-10	3.6-5.5	---	---	---	---
	9-40	---	1.0-5.0	3.6-5.5	---	---	---	---
	40-70	---	1.0-5.0	3.6-5.5	---	---	---	---
SfA:								
Sassafras-----	0-9	---	2.0-10	3.6-5.5	---	---	---	---
	9-40	---	1.0-5.0	3.6-5.5	---	---	---	---
	40-70	---	1.0-5.0	3.6-5.5	---	---	---	---
SfB:								
Sassafras-----	0-9	---	2.0-10	3.6-5.5	---	---	---	---
	9-40	---	1.0-5.0	3.6-5.5	---	---	---	---
	40-70	---	1.0-5.0	3.6-5.5	---	---	---	---

Table J2.--Chemical Properties of the Soils--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
Sw: Swamp-----	0-4	---	90-140	3.6-5.5	---	---	0.0-4.0	---
	4-80	---	90-140	3.6-5.5	---	---	0.0-4.0	---
Tf: Tidal Marsh-----	0-10	30-50	---	5.6-7.3	---	---	0.0-4.0	---
	10-24	15-30	---	5.6-7.3	---	---	0.0-4.0	---
	24-80	15-30	---	5.6-7.3	---	---	0.0-4.0	---
Tm: Tidal Marsh-----	0-6	---	---	5.6-7.3	---	---	16	---
	6-40	---	---	5.6-7.3	---	---	16	---
	40-60	---	---	5.6-7.3	---	---	16	---
Wo: Woodstown-----	0-11	---	2.0-10	3.6-5.5	---	---	---	---
	11-29	---	1.0-5.0	3.6-5.5	---	---	---	---
	29-60	---	1.0-5.0	3.6-5.5	---	---	---	---
Ws: Woodstown-----	0-11	---	2.0-10	3.6-5.5	---	---	---	---
	11-29	---	1.0-5.0	3.6-5.5	---	---	---	---
	29-60	---	1.0-5.0	3.6-5.5	---	---	---	---

