

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

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	
AdA:								
Adelphia-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-30	---	---	3.6-5.5	---	---	0	---
	30-60	---	---	3.6-5.5	---	---	0	---
AdB2:								
Adelphia-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-30	---	---	3.6-5.5	---	---	0	---
	30-60	---	---	3.6-5.5	---	---	0	---
AdC2:								
Adelphia-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-30	---	---	3.6-5.5	---	---	0	---
	30-60	---	---	3.6-5.5	---	---	0	---
AhA:								
Adelphia-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-30	---	---	3.6-5.5	---	---	0	---
	30-60	---	---	3.6-5.5	---	---	0	---
AhB2:								
Adelphia-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-30	---	---	3.6-5.5	---	---	0	---
	30-60	---	---	3.6-5.5	---	---	0	---
AuB2:								
Aura-----	0-8	---	---	3.6-5.0	---	---	---	---
	8-59	---	---	3.6-5.0	0	0	0	0
	59-72	---	---	3.6-5.0	---	---	---	---
AuC2:								
Aura-----	0-8	---	---	3.6-5.0	---	---	---	---
	8-59	---	---	3.6-5.0	0	0	0	0
	59-72	---	---	3.6-5.0	---	---	---	---
AuC3:								
Aura-----	0-8	---	---	3.6-5.0	---	---	---	---
	8-59	---	---	3.6-5.0	0	0	0	0
	59-72	---	---	3.6-5.0	---	---	---	---
AuD:								
Aura-----	0-8	---	---	3.6-5.0	---	---	---	---
	8-59	---	---	3.6-5.0	0	0	0	0
	59-72	---	---	3.6-5.0	---	---	---	---
AvE:								
Aura-----	0-8	---	---	3.6-5.0	---	---	---	---
	8-59	---	---	3.6-5.0	0	0	0	0
	59-72	---	---	3.6-5.0	---	---	---	---
Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---

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	
BeA: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	0	---
BeB2: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	0	---
BeC2: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	0	---
BlA: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	0	---
BlB2: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	0	---
BlC2: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	0	---
BlC3: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	0	---
BLD3: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	0	---
BmB: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
BmC: Beltsville-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-25	---	---	3.6-5.5	---	---	0	---
	25-50	---	---	3.6-5.5	---	---	0	---
	50-72	---	---	3.6-5.5	---	---	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	
Cg: Clay Pits-----	0-7	---	---	3.6-5.0	---	---	0	---
	7-72	---	---	3.6-5.0	---	---	0	---
Ch: Codorus-----	0-18	---	---	4.5-6.0	---	---	0	---
	18-54	---	---	5.1-6.5	---	---	0	---
	54-60	---	---	5.1-6.5	---	---	0	---
Ck: Codorus-----	0-18	---	---	4.5-6.0	---	---	0	---
	18-54	---	---	5.1-6.5	---	---	0	---
	54-60	---	---	5.1-6.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
Cl: Colemantown-----	0-10	---	---	3.6-5.5	---	---	---	---
	10-30	---	---	4.5-5.5	0	0	0	0
	30-60	---	---	4.5-5.5	0	0	0	0
CmA: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CmB2: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CmC2: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CmC3: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CmD2: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CmD3: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CmE2: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CmE3: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	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	
CnB2: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CnC2: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CnD2: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CoA: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CoB2: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CoC3: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
CpB: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
CpC: Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
Cr: Comus-----	0-30	---	---	4.5-6.0	---	---	0	---
	30-60	---	---	4.5-6.0	---	---	0	---
CsB2: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---
CsC2: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---

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	
CsC3: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---
CtB2: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---
CtC2: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---
CtC3: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---
CtD2: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---
CuB: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---
Urban Land-----	0-6	---	---	---	---	---	0	---
CuC: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---
Urban Land-----	0-6	---	---	---	---	---	0	---
CuE: Croom-----	0-12	---	---	4.5-6.0	---	---	---	---
	12-28	---	---	4.5-6.0	---	---	---	---
	28-48	---	---	4.5-6.0	---	---	---	---
	48-99	---	---	4.5-6.0	---	---	---	---
Urban Land-----	0-6	---	---	---	---	---	0	---
DoA: Donlonton-----	0-12	---	---	4.5-5.5	---	---	0	---
	12-50	---	---	4.5-5.5	---	---	0	---
	50-60	---	---	4.5-5.5	---	---	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	
DoB2: Donlonton-----	0-12	---	---	4.5-5.5	---	---	0	---
	12-50	---	---	4.5-5.5	---	---	0	---
	50-60	---	---	4.5-5.5	---	---	0	---
Ek: Elkton-----	0-10	---	5.0-10	3.6-5.5	0	0	0	0
	10-40	---	5.0-15	3.6-5.5	0	0	0	0
	40-65	---	2.0-10	3.6-5.5	0	0	0	0
ElB: Elkton-----	0-10	---	5.0-10	3.6-5.5	0	0	0	0
	10-36	---	5.0-15	3.6-5.5	0	0	0	0
	36-60	---	2.0-10	3.6-5.5	0	0	0	0
EmA: Elsinboro-----	0-15	---	---	4.5-5.5	---	---	0	---
	15-36	---	---	4.5-5.5	---	---	0	---
	36-60	---	---	4.5-5.5	---	---	0	---
EmB2: Elsinboro-----	0-15	---	---	4.5-5.5	---	---	0	---
	15-36	---	---	4.5-5.5	---	---	0	---
	36-60	---	---	4.5-5.5	---	---	0	---
EnA: Elsinboro-----	0-15	---	---	4.5-5.5	---	---	0	---
	15-36	---	---	4.5-5.5	---	---	0	---
	36-60	---	---	4.5-5.5	---	---	0	---
EnB2: Elsinboro-----	0-15	---	---	4.5-5.5	---	---	0	---
	15-36	---	---	4.5-5.5	---	---	0	---
	36-60	---	---	4.5-5.5	---	---	0	---
EnC2: Elsinboro-----	0-15	---	---	4.5-5.5	---	---	0	---
	15-36	---	---	4.5-5.5	---	---	0	---
	36-60	---	---	4.5-5.5	---	---	0	---
EuB: Elsinboro-----	0-15	---	---	4.5-5.5	---	---	0	---
	15-36	---	---	4.5-5.5	---	---	0	---
	36-60	---	---	4.5-5.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
F1: Fallsington-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-27	---	1.0-3.0	3.6-5.5	0	0	0	0
	27-60	---	1.0-3.0	3.6-5.5	0	0	0	0
Fs: Fallsington-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-27	---	1.0-3.0	3.6-5.5	0	0	0	0
	27-60	---	1.0-3.0	3.6-5.5	0	0	0	0
Fu: Fallsington-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-27	---	1.0-3.0	3.6-5.5	0	0	0	0
	27-60	---	1.0-3.0	3.6-5.5	0	0	0	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	
Urban Land-----	0-6	---	---	---	---	---	0	---
GaB: Galestown-----	0-40	---	---	3.6-5.5	---	---	0	---
	40-60	---	---	3.6-5.5	---	---	0	---
GaC: Galestown-----	0-40	---	---	3.6-5.5	---	---	0	---
	40-60	---	---	3.6-5.5	---	---	0	---
GdB: Galestown-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-40	---	1.0-3.0	3.6-5.5	0	0	0	0
	40-65	---	1.0-3.0	3.6-5.5	0	0	0	0
GdC: Galestown-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-40	---	1.0-3.0	3.6-5.5	0	0	0	0
	40-65	---	1.0-3.0	3.6-5.5	0	0	0	0
GeB: Galestown-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-40	---	1.0-3.0	3.6-5.5	0	0	0	0
	40-65	---	1.0-3.0	3.6-5.5	0	0	0	0
Evesboro-----	0-16	---	1.0-3.0	3.6-5.0	---	---	---	---
	16-30	---	1.0-2.0	3.6-5.0	0	0	0	0
	30-72	---	1.0-3.0	4.5-5.0	0	0	0	0
GeC: Galestown-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-40	---	1.0-3.0	3.6-5.5	0	0	0	0
	40-65	---	1.0-3.0	3.6-5.5	0	0	0	0
Evesboro-----	0-16	---	1.0-3.0	3.6-5.0	---	---	---	---
	16-30	---	1.0-2.0	3.6-5.0	0	0	0	0
	30-72	---	1.0-3.0	4.5-5.0	0	0	0	0
GmB: Galestown-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-40	---	1.0-3.0	3.6-5.5	0	0	0	0
	40-65	---	1.0-3.0	3.6-5.5	0	0	0	0
Urban Land-----	0-6	---	---	---	---	---	0	---
GmC: Galestown-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-40	---	1.0-3.0	3.6-5.5	0	0	0	0
	40-65	---	1.0-3.0	3.6-5.5	0	0	0	0
Urban Land-----	0-6	---	---	---	---	---	0	---
GnC2: Glenelg-----	0-6	---	---	4.5-5.5	---	---	0	---
	6-24	---	---	4.5-6.5	---	---	0	---
	24-65	---	---	4.5-6.5	---	---	0	---
GoB: Glenelg-----	0-6	---	---	4.5-5.5	---	---	0	---
	6-24	---	---	4.5-6.5	---	---	0	---
	24-65	---	---	4.5-6.5	---	---	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	
Urban Land-----	0-6	---	---	---	---	---	0	---
Gp: Gravel And Borrow Pi-	0-6	---	---	---	---	---	0	---
	6-60	---	---	---	---	---	0	---
Ha: Hatboro-----	0-9	---	---	4.5-7.3	---	---	0	---
	9-44	---	---	4.5-7.3	---	---	0	---
	44-56	---	---	5.6-6.5	---	---	0	---
	56-70	---	---	5.6-6.5	---	---	0	---
HcC3: Howell-----	0-8	---	---	3.6-5.0	---	---	0	---
	8-14	---	---	3.6-5.0	---	---	0	---
	14-46	---	---	3.6-5.0	---	---	0	---
	46-60	---	---	3.6-5.0	---	---	0	---
HcD3: Howell-----	0-8	---	---	3.6-5.0	---	---	0	---
	8-14	---	---	3.6-5.0	---	---	0	---
	14-46	---	---	3.6-5.0	---	---	0	---
	46-60	---	---	3.6-5.0	---	---	0	---
HoB2: Howell-----	0-8	---	---	3.6-5.0	---	---	0	---
	8-14	---	---	3.6-5.0	---	---	0	---
	14-46	---	---	3.6-5.0	---	---	0	---
	46-60	---	---	3.6-5.0	---	---	0	---
HoC2: Howell-----	0-8	---	---	3.6-5.0	---	---	0	---
	8-14	---	---	3.6-5.0	---	---	0	---
	14-46	---	---	3.6-5.0	---	---	0	---
	46-60	---	---	3.6-5.0	---	---	0	---
HwB2: Howell-----	0-8	---	---	3.6-5.0	---	---	0	---
	8-14	---	---	3.6-5.0	---	---	0	---
	14-46	---	---	3.6-5.0	---	---	0	---
	46-60	---	---	3.6-5.0	---	---	0	---
HwC2: Howell-----	0-8	---	---	3.6-5.0	---	---	0	---
	8-14	---	---	3.6-5.0	---	---	0	---
	14-46	---	---	3.6-5.0	---	---	0	---
	46-60	---	---	3.6-5.0	---	---	0	---
HwD2: Howell-----	0-8	---	---	3.6-5.0	---	---	0	---
	8-14	---	---	3.6-5.0	---	---	0	---
	14-46	---	---	3.6-5.0	---	---	0	---
	46-60	---	---	3.6-5.0	---	---	0	---
HwE2: Howell-----	0-8	---	---	3.6-5.0	---	---	0	---
	8-14	---	---	3.6-5.0	---	---	0	---
	14-46	---	---	3.6-5.0	---	---	0	---
	46-60	---	---	3.6-5.0	---	---	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	
Hy:								
Hyde-----	0-17	---	---	3.6-5.5	0	0	0	0
	17-54	---	---	3.6-5.5	0	0	0	0
	54-72	---	---	---	---	---	---	---
Ik:								
Iuka-----	0-13	---	---	5.1-6.0	---	---	0	---
	13-22	---	---	4.5-5.5	---	---	0	---
	22-60	---	---	4.5-5.5	---	---	0	---
ImA:								
Iuka-----	0-13	---	---	5.1-6.0	---	---	0	---
	13-22	---	---	4.5-5.5	---	---	0	---
	22-60	---	---	4.5-5.5	---	---	0	---
ImB:								
Iuka-----	0-13	---	---	5.1-6.0	---	---	0	---
	13-22	---	---	4.5-5.5	---	---	0	---
	22-60	---	---	4.5-5.5	---	---	0	---
In:								
Iuka-----	0-13	---	---	5.1-6.0	---	---	0	---
	13-22	---	---	4.5-5.5	---	---	0	---
	22-60	---	---	4.5-5.5	---	---	0	---
IoA:								
Iuka-----	0-13	---	---	5.1-6.0	---	---	0	---
	13-22	---	---	4.5-5.5	---	---	0	---
	22-60	---	---	4.5-5.5	---	---	0	---
IoB:								
Iuka-----	0-13	---	---	5.1-6.0	---	---	0	---
	13-22	---	---	4.5-5.5	---	---	0	---
	22-60	---	---	4.5-5.5	---	---	0	---
Iu:								
Iuka-----	0-13	---	---	5.1-6.0	---	---	0	---
	13-22	---	---	4.5-5.5	---	---	0	---
	22-60	---	---	4.5-5.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
Ix:								
Iuka-----	0-13	---	---	5.1-6.0	---	---	0	---
	13-22	---	---	4.5-5.5	---	---	0	---
	22-60	---	---	4.5-5.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
Jo:								
Johnston-----	0-30	---	---	4.5-5.5	---	---	0	---
	30-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	0	---
Johnston-----	0-30	---	---	4.5-5.5	---	---	0	---
	30-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	0	---
Ju:								
Johnston-----	0-30	---	---	4.5-5.5	---	---	0	---
	30-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	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	
Urban Land-----	0-60	---	---	---	---	---	0	---
KeA:								
Keyport-----	0-10	---	4.0-12	3.6-5.5	0	0	0	0
	10-60	---	12-20	4.5-5.5	0	0	0	0
KeB2:								
Keyport-----	0-10	---	4.0-12	3.6-5.5	0	0	0	0
	10-60	---	12-20	4.5-5.5	0	0	0	0
KeC2:								
Keyport-----	0-10	---	4.0-12	3.6-5.5	0	0	0	0
	10-60	---	12-20	4.5-5.5	0	0	0	0
KpA:								
Keyport-----	0-10	---	6.0-14	3.6-5.5	0	0	0	0
	10-60	---	12-20	4.5-5.5	0	0	0	0
KpB2:								
Keyport-----	0-10	---	6.0-14	3.6-5.5	0	0	0	0
	10-60	---	12-20	4.5-5.5	0	0	0	0
KpC2:								
Keyport-----	0-10	---	6.0-14	3.6-5.5	0	0	0	0
	10-60	---	12-20	4.5-5.5	0	0	0	0
KrC3:								
Keyport-----	0-10	---	6.0-14	3.6-5.5	0	0	0	0
	10-60	---	12-20	4.5-5.5	0	0	0	0
KuB:								
Keyport-----	0-10	---	6.0-14	3.6-5.5	0	0	0	0
	10-60	---	12-20	4.5-5.5	0	0	0	0
Urban Land-----	0-6	---	---	---	---	---	0	---
Ky:								
Klej-----	0-39	---	2.0-5.0	3.6-5.5	0	0	0	0
	39-47	---	1.0-3.0	3.6-5.5	0	0	0	0
	47-60	---	1.0-3.0	3.6-5.5	0	0	0	0
LeA:								
Leonardtown-----	0-12	---	---	3.6-5.5	---	---	0	---
	12-49	---	---	3.6-5.5	---	---	0	---
	49-70	---	---	3.6-5.5	---	---	0	---
LeB:								
Leonardtown-----	0-12	---	---	3.6-5.5	---	---	0	---
	12-49	---	---	3.6-5.5	---	---	0	---
	49-70	---	---	3.6-5.5	---	---	0	---
Ma:								
Made Land-----	0-6	---	---	---	---	---	0	---
MfB2:								
Magnolia-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-84	---	---	3.6-5.5	---	---	0	---
	84-99	---	---	3.6-5.5	---	---	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	
MgB2: Magnolia-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-84	---	---	3.6-5.5	---	---	0	---
	84-99	---	---	3.6-5.5	---	---	0	---
MgC2: Magnolia-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-84	---	---	3.6-5.5	---	---	0	---
	84-99	---	---	3.6-5.5	---	---	0	---
MhB2: Manor-----	0-10	---	---	3.6-6.0	---	---	0	---
	10-20	---	---	3.6-6.0	---	---	0	---
	20-72	---	---	3.6-6.0	---	---	0	---
MhC2: Manor-----	0-10	---	---	3.6-6.0	---	---	0	---
	10-20	---	---	3.6-6.0	---	---	0	---
	20-72	---	---	3.6-6.0	---	---	0	---
MhD2: Manor-----	0-10	---	---	3.6-6.0	---	---	0	---
	10-20	---	---	3.6-6.0	---	---	0	---
	20-72	---	---	3.6-6.0	---	---	0	---
MhF2: Manor-----	0-10	---	---	3.6-6.0	---	---	0	---
	10-20	---	---	3.6-6.0	---	---	0	---
	20-72	---	---	3.6-6.0	---	---	0	---
MkC: Manor-----	0-10	---	---	3.6-6.0	---	---	0	---
	10-20	---	---	3.6-6.0	---	---	0	---
	20-72	---	---	3.6-6.0	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
MLA: Marr-----	0-12	---	---	5.1-5.5	---	---	0	---
	12-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	0	---
MLB2: Marr-----	0-12	---	---	5.1-5.5	---	---	0	---
	12-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	0	---
MLB3: Marr-----	0-12	---	---	5.1-5.5	---	---	0	---
	12-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	0	---
MLC2: Marr-----	0-12	---	---	5.1-5.5	---	---	0	---
	12-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	0	---
MLC3: Marr-----	0-12	---	---	5.1-5.5	---	---	0	---
	12-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	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	
M1D3:								
Marr-----	0-12	---	---	5.1-5.5	---	---	0	---
	12-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	0	---
M1E:								
Marr-----	0-12	---	---	5.1-5.5	---	---	0	---
	12-34	---	---	4.5-5.5	---	---	0	---
	34-60	---	---	4.5-5.5	---	---	0	---
MmA:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	0	---
MmB2:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	0	---
MnA:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	0	---
MnB2:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	0	---
MnC2:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	0	---
MnC3:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	0	---
MnD2:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	0	---
MoB2:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	0	---
MpB:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
MpC:								
Matapeake-----	0-16	---	---	4.5-5.5	---	---	0	---
	16-34	---	---	3.6-5.5	---	---	0	---
	34-62	---	---	3.6-5.5	---	---	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	
Urban Land-----	0-6	---	---	---	---	---	0	---
MrA:								
Matawan-----	0-20	---	---	4.5-5.5	---	---	0	---
	20-38	---	---	3.6-5.5	---	---	0	---
	38-60	---	---	3.6-5.5	---	---	0	---
MrB2:								
Matawan-----	0-20	---	---	4.5-5.5	---	---	0	---
	20-38	---	---	3.6-5.5	---	---	0	---
	38-60	---	---	3.6-5.5	---	---	0	---
MrC2:								
Matawan-----	0-20	---	---	4.5-5.5	---	---	0	---
	20-38	---	---	3.6-5.5	---	---	0	---
	38-60	---	---	3.6-5.5	---	---	0	---
MsA:								
Matawan-----	0-20	---	---	4.5-5.5	---	---	0	---
	20-38	---	---	3.6-5.5	---	---	0	---
	38-60	---	---	3.6-5.5	---	---	0	---
MsB:								
Matawan-----	0-20	---	---	4.5-5.5	---	---	0	---
	20-38	---	---	3.6-5.5	---	---	0	---
	38-60	---	---	3.6-5.5	---	---	0	---
MtA:								
Mattapex-----	0-15	---	2.0-15	3.6-5.5	0	0	0	0
	15-36	---	2.0-10	3.6-5.5	0	0	0	0
	36-60	---	2.0-5.0	3.6-5.5	0	0	0	0
MtB2:								
Mattapex-----	0-15	---	2.0-15	3.6-5.5	0	0	0	0
	15-36	---	2.0-10	3.6-5.5	0	0	0	0
	36-60	---	2.0-5.0	3.6-5.5	0	0	0	0
MuA:								
Mattapex-----	0-15	---	2.0-15	3.6-5.5	0	0	0	0
	15-36	---	2.0-10	3.6-5.5	0	0	0	0
	36-60	---	2.0-5.0	3.6-5.5	0	0	0	0
MuB2:								
Mattapex-----	0-15	---	2.0-15	3.6-5.5	0	0	0	0
	15-36	---	2.0-10	3.6-5.5	0	0	0	0
	36-60	---	2.0-5.0	3.6-5.5	0	0	0	0
MvB:								
Mattapex-----	0-15	---	2.0-15	3.6-5.5	0	0	0	0
	15-36	---	2.0-10	3.6-5.5	0	0	0	0
	36-60	---	2.0-5.0	3.6-5.5	0	0	0	0
Urban Land-----	0-6	---	---	---	---	---	0	---
Mw:								
Mixed Alluvial Land--	0-12	---	4.0-10	3.6-5.5	0	0	0	0
	12-60	---	4.0-10	3.6-5.5	0	0	0	0
MxC3:								
Monmouth-----	0-10	---	---	4.5-5.5	---	---	0	---
	10-40	---	---	4.5-5.5	---	---	0	---
	40-60	---	---	4.5-5.5	---	---	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	
MxD3: Monmouth-----	0-10	---	---	4.5-5.5	---	---	0	---
	10-40	---	---	4.5-5.5	---	---	0	---
	40-60	---	---	4.5-5.5	---	---	0	---
MyA: Monmouth-----	0-10	---	---	4.5-5.5	---	---	0	---
	10-40	---	---	4.5-5.5	---	---	0	---
	40-60	---	---	4.5-5.5	---	---	0	---
MyB2: Monmouth-----	0-10	---	---	4.5-5.5	---	---	0	---
	10-40	---	---	4.5-5.5	---	---	0	---
	40-60	---	---	4.5-5.5	---	---	0	---
MyC2: Monmouth-----	0-10	---	---	4.5-5.5	---	---	0	---
	10-40	---	---	4.5-5.5	---	---	0	---
	40-60	---	---	4.5-5.5	---	---	0	---
MyD2: Monmouth-----	0-10	---	---	4.5-5.5	---	---	0	---
	10-40	---	---	4.5-5.5	---	---	0	---
	40-60	---	---	4.5-5.5	---	---	0	---
MzB2: Muirkirk-----	0-28	---	---	4.5-6.0	---	---	---	---
	28-36	---	---	4.5-5.5	---	---	---	---
	36-60	---	---	4.5-5.5	---	---	---	---
MzC2: Muirkirk-----	0-28	---	---	4.5-6.0	---	---	---	---
	28-36	---	---	4.5-5.5	---	---	---	---
	36-60	---	---	4.5-5.5	---	---	---	---
OcA: Ochlockonee-----	0-6	---	---	4.5-6.5	0	0	0	0
	6-44	---	---	4.5-5.5	0	0	0	0
	44-72	---	---	4.5-5.5	0	0	0	0
OcB: Ochlockonee-----	0-6	---	---	4.5-6.5	0	0	0	0
	6-44	---	---	4.5-5.5	0	0	0	0
	44-72	---	---	4.5-5.5	0	0	0	0
OcC: Ochlockonee-----	0-6	---	---	4.5-6.5	0	0	0	0
	6-44	---	---	4.5-5.5	0	0	0	0
	44-72	---	---	4.5-5.5	0	0	0	0
OhA: Ochlockonee-----	0-6	---	---	4.5-6.5	0	0	0	0
	6-44	---	---	4.5-5.5	0	0	0	0
	44-72	---	---	4.5-5.5	0	0	0	0
OhB: Ochlockonee-----	0-6	---	---	4.5-6.5	0	0	0	0
	6-44	---	---	4.5-5.5	0	0	0	0
	44-72	---	---	4.5-5.5	0	0	0	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	
Ok:								
Ochlockonee, Local A-	0-6	---	---	4.5-6.5	0	0	0	0
	6-44	---	---	4.5-5.5	0	0	0	0
	44-72	---	---	4.5-5.5	0	0	0	0
Urban Land-----	0-6	---	---	---	---	---	0	---
Ol:								
Othello-----	0-9	---	8.0-20	4.5-5.5	0	0	0	0
	9-29	---	5.0-15	3.6-5.5	0	0	0	0
	29-60	---	1.0-5.0	3.6-5.5	0	0	0	0
Ot:								
Othello-----	0-9	---	8.0-20	4.5-5.5	0	0	0	0
	9-29	---	5.0-15	3.6-5.5	0	0	0	0
	29-60	---	1.0-5.0	3.6-5.5	0	0	0	0
Pr:								
Plummer-----	0-50	---	1.0-3.0	3.6-5.5	0	0	0	0
	50-72	---	2.0-4.0	3.6-5.5	0	0	0	0
Rutlege-----	0-18	---	20-30	3.6-5.5	0	0	0	0
	18-60	---	2.0-6.0	3.6-5.5	0	0	0	0
RdA:								
Rumford-----	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
RdB2:								
Rumford-----	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
RdC2:								
Rumford-----	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
RdC3:								
Rumford-----	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
RdD2:								
Rumford-----	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
ReB:								
Rumford-----	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
Evesboro-----	0-16	---	1.0-3.0	3.6-5.0	---	---	---	---
	16-30	---	1.0-2.0	3.6-5.0	0	0	0	0
	30-72	---	1.0-3.0	4.5-5.0	0	0	0	0
ReC:								
Rumford-----	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	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	
Evesboro-----	0-16	---	1.0-3.0	3.6-5.0	---	---	---	---
	16-30	---	1.0-2.0	3.6-5.0	0	0	0	0
	30-72	---	1.0-3.0	4.5-5.0	0	0	0	0
ReD: Rumford-----	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
Evesboro-----	0-16	---	1.0-3.0	3.6-5.0	---	---	---	---
	16-30	---	1.0-2.0	3.6-5.0	0	0	0	0
	30-72	---	1.0-3.0	4.5-5.0	0	0	0	0
SaE: Sandy Land-----	0-11	---	2.0-5.0	3.6-5.5	0	0	0	0
	11-40	---	1.0-3.0	3.6-5.5	0	0	0	0
	40-65	---	1.0-3.0	3.6-5.5	0	0	0	0
ScB: Sandy And Clayey Lan-	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
ScC: Sandy And Clayey Lan-	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
ScD: Sandy And Clayey Lan-	0-17	---	---	3.6-5.5	0	0	0	0
	17-37	---	---	3.6-6.0	0	0	0	0
	37-60	---	---	3.6-6.5	0	0	0	0
SfB2: Sassafras-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-40	---	---	3.6-5.5	---	---	0	---
	40-70	---	---	3.6-5.5	---	---	0	---
SfC2: Sassafras-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-40	---	---	3.6-5.5	---	---	0	---
	40-70	---	---	3.6-5.5	---	---	0	---
SfD2: Sassafras-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-40	---	---	3.6-5.5	---	---	0	---
	40-70	---	---	3.6-5.5	---	---	0	---
SgB2: Sassafras-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-40	---	---	3.6-5.5	---	---	0	---
	40-70	---	---	3.6-5.5	---	---	0	---
SgC2: Sassafras-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-40	---	---	3.6-5.5	---	---	0	---
	40-70	---	---	3.6-5.5	---	---	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	
S1D:								
Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
Sassafras-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-40	---	---	3.6-5.5	---	---	0	---
	40-70	---	---	3.6-5.5	---	---	0	---
Aura-----	0-8	---	---	3.6-5.0	---	---	---	---
	8-59	---	---	3.6-5.0	0	0	0	0
	59-72	---	---	3.6-5.0	---	---	---	---
S1E:								
Collington-----	0-13	---	---	3.6-5.5	---	---	0	---
	13-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
Sassafras-----	0-9	---	---	3.6-5.5	---	---	0	---
	9-40	---	---	3.6-5.5	---	---	0	---
	40-70	---	---	3.6-5.5	---	---	0	---
Aura-----	0-8	---	---	3.6-5.0	---	---	---	---
	8-59	---	---	3.6-5.0	0	0	0	0
	59-72	---	---	3.6-5.0	---	---	---	---
SmA:								
Shrewsbury-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
SmB:								
Shrewsbury-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
SnA:								
Shrewsbury-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
So:								
Shrewsbury-----	0-14	---	---	3.6-5.5	---	---	0	---
	14-32	---	---	3.6-5.5	---	---	0	---
	32-60	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
SpB:								
Silty And Clayey Land, Gently-----	0-7	---	---	3.6-5.0	---	---	0	---
	7-72	---	---	3.6-5.0	---	---	0	---
SpC:								
Silty And Clayey Land, Slopin-----	0-7	---	---	3.6-5.0	---	---	0	---
	7-72	---	---	3.6-5.0	---	---	0	---
SpE:								
Silty And Clayey Land, Steep-----	0-7	---	---	3.6-5.0	---	---	0	---
	7-72	---	---	3.6-5.0	---	---	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	
Sx:								
Manahawkin-----	0-39	---	100-300	3.6-5.5	0	0	0.0-2.0	0
	39-60	---	1.0-5.0	4.5-5.0	0	0	0	0
Tm:								
Westbrook-----	0-10	---	---	5.1-7.8	---	---	2.0-16.0	---
	10-48	---	---	5.1-7.8	---	---	2.0-16.0	---
	48-99	---	---	5.1-7.8	---	---	2.0-16.0	---
WaA:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---
WaB2:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---
WaB3:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---
WaC2:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---
WaC3:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---
WaD2:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---
WaD3:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---
WbB2:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---
WbC2:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---
WbD2:								
Westphalia-----	0-10	---	---	3.6-5.5	---	---	0	---
	10-28	---	---	3.6-5.5	---	---	0	---
	28-72	---	---	3.6-5.5	---	---	0	---

