

(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	
1UB:								
Baile-----	0-18	---	---	3.6-5.5	---	---	0	---
	18-35	---	---	3.6-5.5	---	---	0	---
	35-65	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
2B:								
Beltsville-----	0-12	---	---	3.6-5.5	---	---	0	---
	12-20	---	---	3.6-5.5	---	---	0	---
	20-45	---	---	3.6-5.5	---	---	0	---
	45-65	---	---	3.6-5.5	---	---	0	---
Keyport-----	0-4	---	6.0-14	3.6-5.5	0	0	0	0
	4-48	---	12-20	4.5-5.5	0	0	0	0
	48-65	---	2.0-16	3.6-5.5	0	0	0	0
2UB:								
Beltsville-----	0-12	---	---	3.6-5.5	---	---	0	---
	12-20	---	---	3.6-5.5	---	---	0	---
	20-45	---	---	3.6-5.5	---	---	0	---
	45-65	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
2UC:								
Beltsville-----	0-12	---	---	3.6-5.5	---	---	0	---
	12-20	---	---	3.6-5.5	---	---	0	---
	20-45	---	---	3.6-5.5	---	---	0	---
	45-65	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
3UB:								
Urban Land-----	0-60	---	---	---	---	---	0	---
Beltsville-----	0-12	---	---	3.6-5.5	---	---	0	---
	12-20	---	---	3.6-5.5	---	---	0	---
	20-45	---	---	3.6-5.5	---	---	0	---
	45-65	---	---	3.6-5.5	---	---	0	---
Keyport-----	0-4	---	6.0-14	3.6-5.5	0	0	0	0
	4-48	---	12-20	4.5-5.5	0	0	0	0
	48-65	---	2.0-16	3.6-5.5	0	0	0	0
4UB:								
Urban Land-----	0-60	---	---	---	---	---	0	---
Beltsville-----	0-12	---	---	3.6-5.5	---	---	0	---
	12-20	---	---	3.6-5.5	---	---	0	---
	20-45	---	---	3.6-5.5	---	---	0	---
	45-65	---	---	3.6-5.5	---	---	0	---
5E:								
Brandywine-----	0-6	---	---	3.6-5.5	---	---	0	---
	6-19	---	---	3.6-5.5	---	---	0	---
	19-25	---	---	3.6-5.5	---	---	0	---
	25-65	---	---	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	
6B:								
Chester-----	0-8	---	---	4.5-5.5	---	---	0	---
	8-38	---	---	4.5-5.5	---	---	0	---
	38-65	---	---	4.5-5.5	---	---	0	---
6UB:								
Chester-----	0-8	---	---	4.5-5.5	---	---	0	---
	8-38	---	---	4.5-5.5	---	---	0	---
	38-65	---	---	4.5-5.5	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
7UB:								
Christiana-----	0-11	---	---	3.6-5.0	---	---	0	---
	11-65	---	---	3.6-5.0	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
7UC:								
Christiana-----	0-11	---	---	3.6-5.0	---	---	0	---
	11-65	---	---	3.6-5.0	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
8UB:								
Urban Land-----	0-60	---	---	---	---	---	0	---
Christiana-----	0-11	---	---	3.6-5.0	---	---	0	---
	11-65	---	---	3.6-5.0	---	---	0	---
9UB:								
Elkton-----	0-5	---	5.0-10	3.6-5.5	0	0	0	0
	5-14	---	5.0-15	3.6-5.5	0	0	0	0
	14-45	---	5.0-15	3.6-5.5	0	0	0	0
	45-65	---	2.0-10	3.6-5.5	0	0	0	0
Urban Land-----	0-60	---	---	---	---	---	0	---
10:								
Fluents-----	0-5	10-30	---	3.6-7.3	---	---	0	---
	5-25	5.0-20	---	3.6-7.3	---	---	0	---
	25-65	---	---	4.5-6.5	---	---	---	---
11B:								
Galestown-----	0-7	---	2.0-5.0	3.6-5.5	0	0	0	0
	7-50	---	1.0-3.0	3.6-5.5	0	0	0	0
	50-65	---	1.0-3.0	3.6-5.5	0	0	0	0
11UB:								
Galestown-----	0-7	---	2.0-5.0	3.6-5.5	0	0	0	0
	7-50	---	1.0-3.0	3.6-5.5	0	0	0	0
	50-65	---	1.0-3.0	3.6-5.5	0	0	0	0
Urban Land-----	0-60	---	---	---	---	---	0	---
12A:								
Jackland-----	0-8	---	---	4.5-6.0	---	---	0	---
	8-41	---	---	4.5-7.8	---	---	0	---
	41-65	---	---	4.5-7.8	---	---	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	
Keyport-----	0-4	---	6.0-14	3.6-5.5	0	0	0	0
	4-48	---	12-20	4.5-5.5	0	0	0	0
	48-65	---	2.0-16	3.6-5.5	0	0	0	0
17B: Legore-----	0-12	---	---	5.1-6.0	---	---	0	---
	12-22	---	---	5.6-6.5	---	---	0	---
	22-65	---	---	5.6-6.5	---	---	0	---
17C: Legore-----	0-12	---	---	5.1-6.0	---	---	0	---
	12-22	---	---	5.6-6.5	---	---	0	---
	22-65	---	---	5.6-6.5	---	---	0	---
17E: Legore-----	0-12	---	---	5.1-6.0	---	---	0	---
	12-22	---	---	5.6-6.5	---	---	0	---
	22-65	---	---	5.6-6.5	---	---	0	---
18B: Legore-----	0-9	---	---	5.1-6.0	---	---	0	---
	9-32	---	---	5.6-6.5	---	---	0	---
	32-65	---	---	5.6-6.5	---	---	0	---
18C: Legore-----	0-9	---	---	5.1-6.0	---	---	0	---
	9-32	---	---	5.6-6.5	---	---	0	---
	32-65	---	---	5.6-6.5	---	---	0	---
18E: Legore-----	0-9	---	---	5.1-6.0	---	---	0	---
	9-32	---	---	5.6-6.5	---	---	0	---
	32-65	---	---	5.6-6.5	---	---	0	---
18UB: Legore-----	0-12	---	---	5.1-6.0	---	---	0	---
	12-22	---	---	5.6-6.5	---	---	0	---
	22-65	---	---	5.6-6.5	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
18UC: Legore-----	0-12	---	---	5.1-6.0	---	---	0	---
	12-22	---	---	5.6-6.5	---	---	0	---
	22-65	---	---	5.6-6.5	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
18UE: Legore-----	0-12	---	---	5.1-6.0	---	---	0	---
	12-22	---	---	5.6-6.5	---	---	0	---
	22-65	---	---	5.6-6.5	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
19UB: Urban Land-----	0-60	---	---	---	---	---	0	---
Legore-----	0-12	---	---	5.1-6.0	---	---	0	---
	12-22	---	---	5.6-6.5	---	---	0	---
	22-65	---	---	5.6-6.5	---	---	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	
19UC: Urban Land-----	0-60	---	---	---	---	---	0	---
Legore-----	0-12	---	---	5.1-6.0	---	---	0	---
	12-22	---	---	5.6-6.5	---	---	0	---
	22-65	---	---	5.6-6.5	---	---	0	---
20B: Leonardtown-----	0-15	---	---	3.6-5.5	---	---	0	---
	15-50	---	---	3.6-5.5	---	---	0	---
	50-65	---	---	3.6-5.5	---	---	0	---
20UB: Leonardtown-----	0-15	---	---	3.6-5.5	---	---	0	---
	15-50	---	---	3.6-5.5	---	---	0	---
	50-65	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
21C: Manor-----	0-7	---	---	3.6-6.0	---	---	0	---
	7-35	---	---	3.6-6.0	---	---	0	---
	35-65	---	---	3.6-6.0	---	---	0	---
21E: Manor-----	0-7	---	---	3.6-6.0	---	---	0	---
	7-35	---	---	3.6-6.0	---	---	0	---
	35-65	---	---	3.6-6.0	---	---	0	---
22UB: Manor-----	0-7	---	---	3.6-6.0	---	---	0	---
	7-35	---	---	3.6-6.0	---	---	0	---
	35-65	---	---	3.6-6.0	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
22UC: Manor-----	0-7	---	---	3.6-6.0	---	---	0	---
	7-35	---	---	3.6-6.0	---	---	0	---
	35-65	---	---	3.6-6.0	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
23UB: Urban Land-----	0-60	---	---	---	---	---	0	---
Manor-----	0-7	---	---	3.6-6.0	---	---	0	---
	7-35	---	---	3.6-6.0	---	---	0	---
	35-65	---	---	3.6-6.0	---	---	0	---
24UB: Matapeake-----	0-15	---	---	4.5-5.5	---	---	0	---
	15-65	---	---	3.6-5.5	---	---	0	---
Urban Land-----	0-60	---	---	---	---	---	0	---
25B: Mattapex-----	0-12	---	2.0-15	3.6-5.5	0	0	0	0
	12-41	---	2.0-10	3.6-5.5	0	0	0	0
	41-65	---	2.0-5.0	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	
39C: Udorthents-----	---	---	---	---	---	---	---	---
39E: Udorthents-----	0-3 3-40 40-65	---	---	5.1-6.5 5.1-6.5 ---	0 0 ---	0 0 ---	0 0 ---	0 0 ---
40B: Udorthents-----	0-2 2-65	---	---	4.5-5.0 4.5-5.0	0 0	0 0	0 0	0 0
40C: Udorthents-----	0-2 2-65	---	---	4.5-5.0 4.5-5.0	0 0	0 0	0 0	0 0
40E: Udorthents-----	0-2 2-65	---	---	4.5-5.0 4.5-5.0	0 0	0 0	0 0	0 0
41E: Udorthents-----	0-2 2-65	---	5.0-10 2.0-5.0	3.6-5.5 3.6-5.5	---	---	0 0	---
42: Udorthents-----	0-5 5-65	---	---	4.5-5.0 4.5-5.0	0 0	0 0	0 0	0 0
Fluvents-----	0-5 5-25 25-65	10-30 5.0-20 ---	---	3.6-7.3 3.6-7.3 4.5-6.5	---	---	0 0 ---	---
42E: Udorthents-----	0-5 5-65	---	5.0-10 2.0-5.0	3.6-5.5 3.6-5.5	---	---	0 0	---
43U: Urban Land-----	0-60	---	---	---	---	---	0	---
Udorthents-----	0-2 2-65	---	---	4.5-5.0 4.5-5.0	0 0	0 0	0 0	0 0
44UC: Urban Land-----	0-60	---	---	---	---	---	0	---
45UB: Urban Land-----	0-60	---	---	---	---	---	0	---
Woodstown-----	0-22 22-41 41-65	---	---	3.6-5.5 3.6-5.5 3.6-5.5	---	---	0 0 0	---
46UB: Urban Land-----	0-60	---	---	---	---	---	0	---
Woodstown-----	0-22 22-41 41-65	---	---	3.6-5.5 3.6-5.5 3.6-5.5	---	---	0 0 0	---

