Table J2. - Chemical Properties of the Soils

Pittsylvania County, Virginia

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	
1B:								
Appling	0-7	1.6-6.5	1.2-4.9	4.5 - 6.5	---	---	---	---
	7-34	3.2-7.1	2.4-5.3	4.5 - 5.5	---	---	---	---
	34-65	2.0-6.1	1.5-4.6	4.5 - 5.5	---	---	---	---
1C:								
Appling	0-7	1.6-6.5	1.2-4.9	4.5 - 6.5	---	---	---	---
	7-34	3.2-7.1	2.4-5.3	4.5 - 5.5	---	---	---	---
	34-65	2.0-6.1	1.5-4.6	4.5 - 5.5	---	---	---	---
2C:								
Ashlar	0-16	1.6-3.8	1.2-2.8	4.5 - 6.0	---	---	---	---
	16-22	0.5-2.6	0.4-2.0	4.5 - 5.5	---	---	---	---
	22-30	---	---	---	---	---	---	---
	30-40	---	---	4.5 - 5.0	---	---	---	---
2D:								
Ashlar	0-16	1.6-3.8	1.2-2.8	4.5 - 6.0	---	---	---	---
	16-22	0.5-2.6	0.4-2.0	4.5 - 5.5	---	---	---	---
	22-30	---	---	---	---	---	---	---
	30-40	---	---	4.5 - 5.0	---	---	---	---
2E:								
Ashlar	0-16	1.6-3.8	1.2-2.8	4.5 - 6.0	---	---	---	---
	16-22	0.5-2.6	0.4-2.0	4.5 - 5.5	---	---	---	---
	22-30	---	---	---	---	---	---	---
	30-40	---	---	4.5 - 5.0	---	---	---	---
3A:								
Bolling	0-9	3.5-9.5	2.6-7.1	4.5 - 7.3	---	---	---	---
	9-53	5.6-10	4.2-7.8	4.5 - 7.3	---	---	---	---
	53-65	5.6-15	4.2-12	5.6 - 7.3	---	---	---	---
Wehadkee	0-6	8.0-18	6.0-14	4.5 - 6.5	---	---	---	---
	6-31	6.0-11	4.0-8.0	4.5 - 6.5	---	---	---	---
	31-66	1.0-8.0	1.0-6.0	3.6 - 6.0	0	0	0.0	0
3B:								
Bolling	0-9	3.5-9.5	2.6-7.1	4.5 - 7.3	---	---	---	---
	9-53	5.6-10	4.2-7.8	4.5 - 7.3	---	---	---	---
	53-65	5.6-15	4.2-12	5.6 - 7.3	---	---	---	---
4B:								
Cecil	0-8	1.6-4.2	1.2-3.2	4.5 - 6.5	---	---	---	---
	8-59	3.5-7.5	2.6-5.6	4.5 - 5.5	---	---	---	---
	59-65	0.5-5.1	0.4-3.8	4.5 - 5.0	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Pittsylvania County, Virginia

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	
4C:								
Cecil	0-8	1.6-4.2	1.2-3.2	4.5 - 6.5	---	---	---	---
	8-59	3.5-7.5	2.6-5.6	4.5 - 5.5	---	---	---	---
	59-65	0.5-5.1	0.4-3.8	4.5 - 5.0	---	---	---	---
5B3:								
Cecil	0-8	3.1-5.8	2.3-4.3	4.5 - 6.5	---	---	---	---
	8-59	3.5-7.5	2.6-5.6	4.5 - 5.5	---	---	---	---
	59-65	0.5-5.1	1.2-3.2	4.5 - 5.0	---	---	---	---
5C3:								
Cecil	0-8	3.1-5.8	2.3-4.3	4.5 - 6.5	---	---	---	---
	8-59	3.5-7.5	2.6-5.6	4.5 - 5.5	---	---	---	---
	59-65	0.5-5.1	1.2-3.2	4.5 - 5.0	---	---	---	---
6B:								
Cecil	0-8	1.6-4.2	1.2-3.2	4.5 - 6.5	---	---	---	---
	8-59	3.5-7.5	2.6-5.6	4.5 - 5.5	---	---	---	---
	59-65	0.5-5.1	0.4-3.8	4.5 - 5.0	---	---	---	---
Urban land	---	---	---	---	---	---	---	---
6C:								
Cecil	0-8	1.6-4.2	1.2-3.2	4.5 - 6.5	---	---	---	---
	8-59	3.5-7.5	2.6-5.6	4.5 - 5.5	---	---	---	---
	59-65	0.5-5.1	0.4-3.8	4.5 - 5.0	---	---	---	---
Urban land	---	---	---	---	---	---	---	---
7A:								
Chenneby	0-6	4.1-14	3.1-10	4.5 - 6.0	---	---	---	---
	6-65	4.1-12	3.1-9.1	4.5 - 6.0	---	---	---	---
Wehadkee	0-6	8.0-18	6.0-14	4.5 - 6.5	---	---	---	---
	6-31	6.0-11	4.0-8.0	4.5 - 6.5	---	---	---	---
	31-66	1.0-8.0	1.0-6.0	3.6 - 6.0	0	0	0.0	0
8A:								
Chenneby	0-6	4.1-14	3.1-10	4.5 - 6.0	---	---	---	---
	6-65	4.1-12	3.1-9.1	4.5 - 6.0	---	---	---	---
Toccoa	0-8	2.0-5.0	---	5.1 - 6.5	---	---	---	---
	8-65	1.0-6.0	0.5-4.5	5.1 - 6.0	---	---	---	---
Wehadkee	0-6	8.0-18	6.0-14	4.5 - 6.5	---	---	---	---
	6-31	6.0-11	4.0-8.0	4.5 - 6.5	---	---	---	---
	31-66	1.0-8.0	1.0-6.0	3.6 - 6.0	0	0	0.0	0

Table J2. - Chemical Properties of the Soils - Continued

Pittsylvania County, Virginia

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	
9B:								
Creedmoor	0-10	3.6-12	2.7-8.6	3.6 - 5.5	---	---	---	---
	10-65	12-22	9.2-17	3.6 - 5.5	---	---	---	---
Wet spots	---	---	---	---	---	---	---	---
9C:								
Creedmoor	0-10	3.6-12	2.7-8.6	3.6 - 5.5	---	---	---	---
	10-65	12-22	9.2-17	3.6 - 5.5	---	---	---	---
Wet spots	---	---	---	---	---	---	---	---
10B:								
Cullen	0-6	3.8-7.2	2.8-5.4	5.1 - 6.0	---	---	---	---
	6-42	4.1-8.7	3.0-6.5	5.1 - 6.0	---	---	---	---
	42-75	3.6-6.7	2.7-5.0	5.1 - 6.0	---	---	---	---
	75-90	2.1-4.4	1.5-3.3	5.1 - 6.0	---	---	---	---
11B3:								
Cullen	0-6	5.0-8.5	3.8-6.4	5.1 - 6.0	---	---	---	---
	6-42	4.1-8.7	3.0-6.5	5.1 - 6.0	---	---	---	---
	42-75	3.6-6.7	2.7-5.0	5.1 - 6.0	---	---	---	---
	75-90	2.1-4.4	1.5-3.3	5.1 - 6.0	---	---	---	---
11C3:								
Cullen	0-6	5.0-8.5	3.8-6.4	5.1 - 6.0	---	---	---	---
	6-42	4.1-8.7	3.0-6.5	5.1 - 6.0	---	---	---	---
	42-75	3.6-6.7	2.7-5.0	5.1 - 6.0	---	---	---	---
	75-90	2.1-4.4	1.5-3.3	5.1 - 6.0	---	---	---	---
12B:								
Enott	0-10	2.9-12	2.2-8.6	5.1 - 6.5	---	---	---	---
	10-33	7.0-22	5.2-16	5.1 - 6.5	---	---	---	---
	33-42	4.2-13	3.2-10	5.1 - 7.8	---	---	---	---
	42-53	---	---	6.6 - 7.3	---	---	---	---
12C:								
Enott	0-10	2.9-12	2.2-8.6	5.1 - 6.5	---	---	---	---
	10-33	7.0-22	5.2-16	5.1 - 6.5	---	---	---	---
	33-42	4.2-13	3.2-10	5.1 - 7.8	---	---	---	---
	42-53	---	---	6.6 - 7.3	---	---	---	---
12D:								
Enott	0-10	2.9-12	2.2-8.6	5.1 - 6.5	---	---	---	---
	10-33	7.0-22	5.2-16	5.1 - 6.5	---	---	---	---
	33-42	4.2-13	3.2-10	5.1 - 7.8	---	---	---	---
	42-53	---	---	6.6 - 7.3	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Pittsylvania County, Virginia

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	
13D:								
Goldston	0-3	2.4-8.2	1.8-6.2	3.6 - 5.5	---	---	---	---
	3-15	1.8-8.4	1.4-6.3	3.6 - 5.5	---	---	---	---
	15-22	---	---	3.5 - 4.4	---	---	---	---
	22-32	---	---	3.5 - 4.4	---	---	---	---
14C:								
Goldston	0-3	2.4-8.2	1.8-6.2	3.6 - 5.5	---	---	---	---
	3-15	1.8-8.4	1.4-6.3	3.6 - 5.5	---	---	---	---
	15-22	---	---	3.5 - 4.4	---	---	---	---
	22-32	---	---	3.5 - 4.4	---	---	---	---
Tatum	0-6	4.0-11	3.0-8.0	4.5 - 5.5	---	---	---	---
	6-36	9.0-16	7.0-12	4.5 - 5.5	---	---	---	---
	36-54	2.0-8.0	1.0-6.0	3.6 - 6.0	---	---	---	---
	54-65	---	---	4.5 - 5.0	---	---	---	---
15E:								
Goldston	0-3	2.4-8.2	1.8-6.2	3.6 - 5.5	---	---	---	---
	3-15	1.8-8.4	1.4-6.3	3.6 - 5.5	---	---	---	---
	15-22	---	---	3.5 - 4.4	---	---	---	---
	22-32	---	---	3.5 - 4.4	---	---	---	---
Rock outcrop	0-60	---	---	---	---	---	---	---
16B:								
Helena	0-14	2.9-12	2.2-8.6	3.6 - 6.5	---	---	---	---
	14-18	2.0-3.5	1.5-2.6	4.5 - 5.5	---	---	---	---
	18-37	12-22	9.2-17	3.6 - 5.5	---	---	---	---
	37-65	1.5-4.0	1.1-3.0	4.5 - 5.5	---	---	---	---
16C:								
Helena	0-14	2.9-12	2.2-8.6	3.6 - 6.5	---	---	---	---
	14-18	2.0-3.5	1.5-2.6	4.5 - 5.5	---	---	---	---
	18-37	12-22	9.2-17	3.6 - 5.5	---	---	---	---
	37-65	1.5-4.0	1.1-3.0	4.5 - 5.5	---	---	---	---
17B:								
Hiwassee	0-6	4.6-14	3.5-11	4.5 - 6.5	---	---	---	---
	6-65	12-22	9.2-17	4.5 - 6.5	---	---	---	---
18B3:								
Hiwassee	0-6	2.1-8.0	1.6-6.0	4.5 - 6.5	---	---	---	---
	6-65	12-22	9.2-17	4.5 - 6.5	---	---	---	---
18C3:								
Hiwassee	0-6	2.1-8.0	1.6-6.0	4.5 - 6.5	---	---	---	---
	6-65	12-22	9.2-17	4.5 - 6.5	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Pittsylvania County, Virginia

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	
19B:								
Hiwassee	0-6	3.8-8.5	2.9-6.4	4.5 - 6.5	---	---	---	---
	6-65	3.5-7.1	2.6-5.3	4.5 - 6.5	---	---	---	---
19C:								
Hiwassee	0-6	3.8-8.5	2.9-6.4	4.5 - 6.5	---	---	---	---
	6-65	3.5-7.1	2.6-5.3	4.5 - 6.5	---	---	---	---
20B:								
Leaksville	0-7	6.1-17	4.6-13	5.1 - 6.5	---	---	---	---
	7-21	19-32	14-24	6.1 - 7.8	---	---	---	---
	21-30	---	---	5.1 - 5.5	---	---	---	---
	30-40	---	---	5.1 - 5.5	---	---	---	---
21D:								
Madison	0-3	1.6-6.5	1.2-4.9	4.5 - 6.5	---	---	---	---
	3-19	3.0-6.1	2.2-4.6	4.5 - 5.5	---	---	---	---
	19-37	2.5-4.6	1.9-3.5	4.5 - 6.0	---	---	---	---
	37-65	0.5-2.5	0.4-1.8	4.5 - 6.0	---	---	---	---
21E:								
Madison	0-3	1.6-6.5	1.2-4.9	4.5 - 6.5	---	---	---	---
	3-19	3.0-6.1	2.2-4.6	4.5 - 5.5	---	---	---	---
	19-37	2.5-4.6	1.9-3.5	4.5 - 6.0	---	---	---	---
	37-65	0.5-2.5	0.4-1.8	4.5 - 6.0	---	---	---	---
22B:								
Mattaponi	0-8	2.4-11	1.8-10	4.5 - 5.5	---	---	---	---
	8-41	7.5-17	5.6-13	4.5 - 5.5	---	---	---	---
	41-99	0.5-15	0.4-11	3.6 - 6.0	---	---	---	---
22C:								
Mattaponi	0-8	2.4-11	1.8-10	4.5 - 5.5	---	---	---	---
	8-41	7.5-17	5.6-13	4.5 - 5.5	---	---	---	---
	41-99	0.5-15	0.4-11	3.6 - 6.0	---	---	---	---
23B:								
Mayodan	0-9	3.0-12	2.0-9.0	4.5 - 6.0	---	---	---	---
	9-39	12-22	9.0-17	4.5 - 5.5	---	---	---	---
	39-65	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
23C:								
Mayodan	0-9	3.0-12	2.0-9.0	4.5 - 6.0	---	---	---	---
	9-39	12-22	9.0-17	4.5 - 5.5	---	---	---	---
	39-65	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
23D:								

Table J2. - Chemical Properties of the Soils - Continued

Pittsylvania County, Virginia

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	
23D:								
Mayodan	0-9	3.0-12	2.0-9.0	4.5 - 6.0	---	---	---	---
	9-39	12-22	9.0-17	4.5 - 5.5	---	---	---	---
	39-65	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
24B:								
Meadows	0-4	4.1-12	3.1-9.2	5.1 - 6.5	---	---	---	---
	4-9	3.0-11	2.3-8.4	5.1 - 6.5	---	---	---	---
	9-16	2.5-10	1.8-7.5	5.1 - 6.5	---	---	---	---
	16-24	---	---	5.1 - 6.5	---	---	---	---
	24-34	---	---	6.1 - 6.8	---	---	---	---
24C:								
Meadows	0-4	4.1-12	3.1-9.2	5.1 - 6.5	---	---	---	---
	4-9	3.0-11	2.3-8.4	5.1 - 6.5	---	---	---	---
	9-16	2.5-10	1.8-7.5	5.1 - 6.5	---	---	---	---
	16-24	---	---	5.1 - 6.5	---	---	---	---
	24-34	---	---	6.1 - 6.8	---	---	---	---
25B:								
Orange	0-10	7.2-20	5.4-15	5.1 - 6.5	---	---	---	---
	10-28	18-31	13-23	5.1 - 6.5	---	---	---	---
	28-42	5.0-18	4.0-14	5.6 - 7.8	---	---	---	---
	42-55	---	---	---	---	---	---	---
	55-65	---	---	---	---	---	---	---
26B:								
Pacolet	0-10	1.9-6.5	1.4-4.9	4.5 - 6.5	---	---	---	---
	10-27	3.5-7.6	2.6-5.7	4.5 - 6.0	---	---	---	---
	27-40	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
	40-65	1.0-3.6	0.8-2.7	4.5 - 6.0	---	---	---	---
26D:								
Pacolet	0-10	1.9-6.5	1.4-4.9	4.5 - 6.5	---	---	---	---
	10-27	3.5-7.6	2.6-5.7	4.5 - 6.0	---	---	---	---
	27-40	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
	40-65	1.0-3.6	0.8-2.7	4.5 - 6.0	---	---	---	---
26E:								
Pacolet	0-10	1.9-6.5	1.4-4.9	4.5 - 6.5	---	---	---	---
	10-27	3.5-7.6	2.6-5.7	4.5 - 6.0	---	---	---	---
	27-40	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
	40-65	1.0-3.6	0.8-2.7	4.5 - 6.0	---	---	---	---
27C3:								
Pacolet	0-10	3.1-5.8	2.3-4.3	4.5 - 6.5	---	---	---	---
	10-27	3.5-7.6	2.6-5.7	4.5 - 6.0	---	---	---	---
	27-40	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
	40-65	1.0-3.6	0.8-2.7	4.5 - 6.0	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Pittsylvania County, Virginia

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	
27C3:								
28C:								
Pinkston	0-8	2.4-9.0	1.8-6.8	4.5 - 5.5	---	---	---	---
	8-18	1.2-8.6	0.9-6.5	3.6 - 6.0	---	---	---	---
	18-29	---	---	4.5 - 5.0	---	---	---	---
	29-39	---	---	4.5 - 5.0	---	---	---	---
28D:								
Pinkston	0-8	2.4-9.0	1.8-6.8	4.5 - 5.5	---	---	---	---
	8-18	1.2-8.6	0.9-6.5	3.6 - 6.0	---	---	---	---
	18-29	---	---	4.5 - 5.0	---	---	---	---
	29-39	---	---	4.5 - 5.0	---	---	---	---
29C:								
Pinkston	0-8	2.4-9.0	1.8-6.8	4.5 - 5.5	---	---	---	---
	8-18	1.2-8.6	0.9-6.5	3.6 - 6.0	---	---	---	---
	18-29	---	---	4.5 - 5.0	---	---	---	---
	29-39	---	---	4.5 - 5.0	---	---	---	---
Mayodan	0-9	3.0-12	2.0-9.0	4.5 - 6.0	---	---	---	---
	9-39	12-22	9.0-17	4.5 - 5.5	---	---	---	---
	39-65	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
29D:								
Pinkston	0-8	2.4-9.0	1.8-6.8	4.5 - 5.5	---	---	---	---
	8-18	1.2-8.6	0.9-6.5	3.6 - 6.0	---	---	---	---
	18-29	---	---	4.5 - 5.0	---	---	---	---
	29-39	---	---	4.5 - 5.0	---	---	---	---
Mayodan	0-9	3.0-12	2.0-9.0	4.5 - 6.0	---	---	---	---
	9-39	12-22	9.0-17	4.5 - 5.5	---	---	---	---
	39-65	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
29E:								
Pinkston	0-8	2.4-9.0	1.8-6.8	4.5 - 5.5	---	---	---	---
	8-18	1.2-8.6	0.9-6.5	3.6 - 6.0	---	---	---	---
	18-29	---	---	4.5 - 5.0	---	---	---	---
	29-39	---	---	4.5 - 5.0	---	---	---	---
Mayodan	0-9	3.0-12	2.0-9.0	4.5 - 6.0	---	---	---	---
	9-39	12-22	9.0-17	4.5 - 5.5	---	---	---	---
	39-65	1.5-11	1.0-8.0	3.6 - 6.0	---	---	---	---
30:								
Pits, quarry	---	---	---	---	---	---	---	---
31C:								

Table J2. - Chemical Properties of the Soils - Continued

Pittsylvania County, Virginia

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	
31C:								
Poindexter	0-10	2.9-11	2.2-8.1	5.1 - 7.3	---	---	---	---
	10-18	7.0-13	5.2-10	5.1 - 7.3	---	---	---	---
	18-23	3.5-9.2	2.6-6.9	5.1 - 7.3	---	---	---	---
	23-55	---	---	---	---	---	---	---
	55-65	---	---	---	---	---	---	---
31D:								
Poindexter	0-10	2.9-11	2.2-8.1	5.1 - 7.3	---	---	---	---
	10-18	7.0-13	5.2-10	5.1 - 7.3	---	---	---	---
	18-23	3.5-9.2	2.6-6.9	5.1 - 7.3	---	---	---	---
	23-55	---	---	---	---	---	---	---
	55-65	---	---	---	---	---	---	---
32C:								
Rion	0-10	4.0-7.0	2.0-7.0	4.5 - 6.5	---	---	---	---
	10-35	4.0-10	3.0-7.0	4.5 - 6.5	---	---	---	---
	35-65	2.0-8.0	0.4-6.0	4.5 - 6.5	---	---	---	---
33A:								
Riverview	0-11	4.0-11	3.0-8.0	4.5 - 6.5	---	---	---	---
	11-65	6.0-11	4.0-8.0	4.5 - 6.0	---	---	---	---
Wehadkee	0-6	---	---	4.5 - 6.5	---	---	---	---
	6-31	---	---	4.5 - 6.5	---	---	---	---
	31-66	1.0-11	0.5-8.0	3.6 - 6.0	0	0	0.0	0
34B:								
Sheva	0-10	2.0-10	2.0-7.0	3.6 - 5.5	---	---	---	---
	10-29	6.0-10	4.0-8.0	3.6 - 5.5	---	---	---	---
	29-56	---	---	5.1 - 5.5	---	---	---	---
	56-66	---	---	5.1 - 5.5	---	---	---	---
34C:								
Sheva	0-10	2.0-10	2.0-7.0	3.6 - 5.5	---	---	---	---
	10-29	6.0-10	4.0-8.0	3.6 - 5.5	---	---	---	---
	29-56	---	---	5.1 - 5.5	---	---	---	---
	56-66	---	---	5.1 - 5.5	---	---	---	---
35B:								
State	0-9	2.0-8.0	1.0-6.0	3.6 - 5.5	---	---	---	---
	9-38	5.0-10	4.0-8.0	3.6 - 5.5	---	---	---	---
	38-65	1.0-6.0	1.0-5.0	3.6 - 6.0	---	---	---	---
36B:								
Stoneville	0-9	3.0-11	2.0-8.0	4.5 - 6.0	---	---	---	---
	9-21	9.0-16	7.0-12	4.5 - 6.0	---	---	---	---
	21-43	2.0-8.0	1.0-6.0	3.6 - 6.0	---	---	---	---
	43-65	---	---	4.5 - 5.5	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Pittsylvania County, Virginia

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	
36B:								
36C:								
Stoneville	0-9	3.0-11	2.0-8.0	4.5 - 6.0	---	---	---	---
	9-21	9.0-16	7.0-12	4.5 - 6.0	---	---	---	---
	21-43	2.0-8.0	1.0-6.0	3.6 - 6.0	---	---	---	---
	43-65	---	---	4.5 - 5.5	---	---	---	---
36D:								
Stoneville	0-9	3.0-11	2.0-8.0	4.5 - 6.0	---	---	---	---
	9-21	9.0-16	7.0-12	4.5 - 6.0	---	---	---	---
	21-43	2.0-8.0	1.0-6.0	3.6 - 6.0	---	---	---	---
	43-65	---	---	4.5 - 5.5	---	---	---	---
37B:								
Tatum	0-6	4.0-11	3.0-8.0	4.5 - 5.5	---	---	---	---
	6-36	9.0-16	7.0-12	4.5 - 5.5	---	---	---	---
	36-54	2.0-8.0	1.0-6.0	3.6 - 6.0	---	---	---	---
	54-65	---	---	4.5 - 5.0	---	---	---	---
37C:								
Tatum	0-6	4.0-11	3.0-8.0	4.5 - 5.5	---	---	---	---
	6-36	9.0-16	7.0-12	4.5 - 5.5	---	---	---	---
	36-54	2.0-8.0	1.0-6.0	3.6 - 6.0	---	---	---	---
	54-65	---	---	4.5 - 5.0	---	---	---	---
37D:								
Tatum	0-6	4.0-11	3.0-8.0	4.5 - 5.5	---	---	---	---
	6-36	9.0-16	7.0-12	4.5 - 5.5	---	---	---	---
	36-54	2.0-8.0	1.0-6.0	3.6 - 6.0	---	---	---	---
	54-65	---	---	4.5 - 5.0	---	---	---	---
37E:								
Tatum	0-6	4.0-11	3.0-8.0	4.5 - 5.5	---	---	---	---
	6-36	9.0-16	7.0-12	4.5 - 5.5	---	---	---	---
	36-54	2.0-8.0	1.0-6.0	3.6 - 6.0	---	---	---	---
	54-65	---	---	4.5 - 5.0	---	---	---	---
38A:								
Toccoa	0-8	2.0-5.0	---	5.1 - 6.5	---	---	---	---
	8-65	1.0-6.0	0.5-4.5	5.1 - 6.0	---	---	---	---
39:								
Udorthents	---	---	---	---	---	---	---	---
40:								
Urban land	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Pittsylvania County, Virginia

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	
41A:								
Wehadkee	0-6	8.0-18	6.0-14	4.5 - 6.5	---	---	---	---
	6-31	6.0-11	4.0-8.0	4.5 - 6.5	---	---	---	---
	31-66	1.0-8.0	1.0-6.0	3.6 - 6.0	---	---	---	---
42B:								
Wickham	0-9	3.0-8.0	2.0-6.0	4.5 - 6.0	---	---	---	---
	9-43	5.0-10	4.0-8.0	4.5 - 6.0	---	---	---	---
	43-65	0.0-11	0.0-8.0	3.6 - 6.0	---	---	---	---
43C:								
Wilkes	0-8	2.9-12	2.2-8.6	5.1 - 6.5	---	---	---	---
	8-13	7.0-17	5.2-13	3.6 - 6.0	---	---	---	---
	13-48	---	---	5.6 - 6.0	---	---	---	---
	48-58	---	---	6.1 - 6.5	---	---	---	---
43D:								
Wilkes	0-8	2.9-12	2.2-8.6	5.1 - 6.5	---	---	---	---
	8-13	7.0-17	5.2-13	3.6 - 6.0	---	---	---	---
	13-48	---	---	5.6 - 6.0	---	---	---	---
	48-58	---	---	6.1 - 6.5	---	---	---	---
43E:								
Wilkes	0-8	2.9-12	2.2-8.6	5.1 - 6.5	---	---	---	---
	8-13	7.0-17	5.2-13	3.6 - 6.0	---	---	---	---
	13-48	---	---	5.6 - 6.0	---	---	---	---
	48-58	---	---	6.1 - 6.5	---	---	---	---
W:								
Water	---	---	---	---	---	---	---	---