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U.S. DEPT OF AGRICULTURE, SOIL CONSERVATION SERVICE, HYDRIC SOILS OF THE UNITED STATES (OHIO), IN COOPRATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS - APPENDIX D ONLY - (USED AS A REFERENCE IN OU 5 RI REPORT)

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U.S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

in cooperation with the

NATIONAL TECHNICAL COMMITTEE
FOR HYDRIC SOILS

HYDRIC SOILS OF THE UNITED STATES (OHIO)

U.S. Department of Agriculture, Soil Conservation Service
Washington, DC
1987

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APPENDIX D: HYDRIC SOILS

1. This appendix consists of two sections. Section 1 describes the basic procedure for digging a soil pit and examining for hydric soil indicators. Section 2 is a list of hydric soils of the United States.

Section 1 - Procedures for Digging a Soil Pit and Examining for Hydric Soil Indicators

Digging a soil pit

2. Apply the following procedure: Circumscribe a 1-ft-diam area, preferably with a tile spade (sharpshooter). Extend the blade vertically downward, cut all roots to the depth of the blade, and lift the soil from the hole. This should provide approximately 16 inches of the soil profile for examination. *Note: Observations are usually made immediately below the A-horizon or 10 inches (whichever is shallower).* In many cases, a soil auger or probe can be used instead of a spade. If so, remove successive cores until 16 inches of the soil profile have been removed. Place successive cores in the same sequence as removed from the hole. *Note: An auger or probe cannot be effectively used when the soil profile is loose, rocky, or contains a large volume of water (e.g. peraquic moisture regime).*

Examining the soil

3. Examine the soil for hydric soils indicators (paragraphs 44 and/or 45 of main text (for sandy soils)). *Note: It may not be necessary to conduct a classical characterization (e.g. texture, structure, etc.) of the soil.* Consider the hydric soil indicators in the following sequence *(Note: THE SOIL EXAMINATION CAN BE TERMINATED WHEN A POSITIVE HYDRIC SOIL INDICATOR IS FOUND)*:

Nonsandy soils.

a. Determine whether an organic soil is present (see paragraph 44 of the main text). If so, the soil is hydric.

b. Determine whether the soil has a histic epipedon (see paragraph 44 of the main text). Record the thickness of the histic epipedon on DATA FORM 1.

c. Determine whether sulfidic materials are present by smelling the soil. The presence of a "rotten egg" odor is indicative of hydrogen sulfide, which forms only under extreme reducing conditions associated with prolonged inundation/soil saturation.

d. Determine whether the soil has an aquic or peraquic moisture regime (see paragraph 44 of the main text). If so, the soil is hydric.

e. Conduct a ferrous iron test. A colorimetric field test kit has been developed for this purpose. A reducing soil environment is present when the soil extract turns pink upon addition of α-α-dipyridil.

f. Determine the color(s) of the matrix and any mottles that may be present. Soil color is characterized by three features: hue, value, and chroma. Hue refers to the soil color in relation to red, yellow, blue, etc. Value refers to the lightness of the hue. Chroma refers to the strength of the color (or departure from a neutral of the same lightness). Soil colors are determined by use of a Munsell Color Book (Munsell Color 1975).* Each Munsell Color Book has color charts of different hues, ranging from 10R to 5Y. Each page of hue has color chips that show values and chromas. Values are shown in columns down the page from as low as 0 to as much as 8, and chromas are shown in rows across the page from as low as 0 to as much as 8. In writing Munsell color notations, the sequence is always hue, value, and chroma (e.g. 10YR5/2). To determine soil color, place a small portion of soil** in the openings behind the color page and match the soil color to the appropriate color chip. *Note: Match the soil to the nearest color chip.* Record on DATA FORM 1 the hue, value, and chroma of the best matching color chip. *CAUTION: Never place soil on the face or front of the color page because this might smear the color chips.* Mineral hydric soils usually have one of the following color features immediately below the A-horizon or 10 inches (whichever is shallower):

(1) Gleyed soil.

Determine whether the soil is gleyed. If the matrix color best fits a color chip found on the gley page of the Munsell soil color charts, the soil is gleyed. This indicates prolonged soil saturation, and the soil is highly reduced.

(2) Nongleyed soil.

(a) Matrix chroma of 2 or less in mottled soils.**

(b) Matrix chroma of 1 or less in unmottled soils.**

(c) Gray mottles within 10 inches of the soil surface in dark (black) mineral soils (e.g., Mollisols) that do not have characteristics of (a) or (b) above.

Soils having the above color characteristics are normally saturated for significant duration during the growing season. However, hydric soils with significant coloration due to the nature of the parent material (e.g. red soils of the Red River Valley) may not exhibit chromas within the range indicated above. In such cases, this indicator cannot be used.

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* See references at the end of the main text.

** The soil must be moistened if dry at the time of examination.

g. Determine whether the mapped soil series or phase is on the national list of hydric soils (Section 2). *CAUTION: It will often be necessary to compare the profile description of the soil with that of the soil series or phase indicated on the soil map to verify that the soil was correctly mapped. This is especially true when the soil survey indicates the presence of inclusions or when the soil is mapped as an association of two or more soil series.*

h. Look for iron and manganese concretions. Look for small (>0.08-inch) aggregates within 3 inches of the soil surface. These are usually black or dark brown and reflect prolonged saturation near the soil surface.

Sandy soils.

Look for one of the following indicators in sandy soils:

a. A layer of organic material above the mineral surface or high organic matter content in the surface horizon (see paragraph 45a of the main text). This is evidenced by a darker color of the surface layer due to organic matter interspersed among or adhering to the sand particles. This is not observed in upland soils due to associated aerobic conditions.

b. Streaking of subsurface horizons (see paragraph 45c of the main text). Look for dark vertical streaks in subsurface horizons. These streaks represent organic matter being moved downward in the profile. When soil is rubbed between the fingers, the organic matter will leave a dark stain on the fingers.

c. Organic pans (see paragraph 45b of the main text). This is evidenced by a thin layer of hardened soil at a depth of 12 to 30 inches below the mineral surface.

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4. The list of hydric soils of the United States (Table D1) was developed by the National Technical Committee for Hydric Soils (NTCHS), a panel consisting of representatives of the Soil Conservation Service (SCS), Fish and Wildlife Service, Environmental Protection Agency, Corps of Engineers, Auburn University, University of Maryland, and Louisiana State University. Keith Young of SCS was committee chairman.

5. The NTCHS developed the following definition of hydric soils:

> A hydric soil is a soil that is saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions that favor the growth and regeneration of hydrophytic vegetation" (US Department of Agriculture (USDA) Soil Conservation Service 1985, as amended by the NTCHS in December 1986).

Criteria for hydric soils

6. Based on the above definition, the NTCHS developed the following criteria for hydric soils, and all soils appearing on the list will meet at least one criterion:

- a. "All Histosols* except Folists;
- b. Soils in Aquic suborders, Aquic subgroups, Albolls suborder, Salorthids great group, or Pell great groups of Vertisols that are:
  - (1) Somewhat poorly drained and have water table less than 0.5 ft from the surface for a significant period (usually a week or more) during the growing season, or
  - (2) Poorly drained or very poorly drained and have either:
    - (a) A water table at less than 1.0 ft from the surface for a significant period (usually a week or more) during the growing season if permeability is equal to or greater than 6.0 in/hr in all layers within 20 inches; or
    - (b) A water table at less than 1.5 ft from the surface for a significant period (usually a week or more) during the growing season if permeability is less than 6.0 in/hr in any layer within 20 inches; or
- c. Soils that are ponded for long duration or very long duration during part of the growing season; or
- d. Soils that are frequently flooded for long duration or very long duration during the growing season.

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* Soil taxa conform to USDA-SCS (1975).

7. The hydric soils list was formulated by applying the above criteria to soil properties documented in USDA-SCS (1975) and the SCS Soil Interpretation Records (SOI-5).

Use of the list

8. The list of hydric soils of the United States (Table D1) is arranged alphabetically by soil series. Unless otherwise specified, all phases of a listed soil series are hydric. In some cases, only those phases of a soil series that are ponded, frequently flooded, or otherwise designated as wet are hydric. Such phases are denoted in Table D1 by the following symbols in parentheses after the series name:

F - flooded

FF - frequently flooded

P - ponded

W - wet

D - depressional

9. Drained phases of some soil series retain their hydric properties even after drainage. Such phases are identified in Table D1 by the symbol "DR" in parentheses following the soil series name. In such cases, both the drained and undrained phases of the soil series are hydric.

CAUTION: Be sure that the profile description of the mapping unit conforms to that of the sampled soil. Also, designation of a soil series or phase as hydric does not necessarily mean that the area is a wetland. An area having a hydric soil is a wetland only if positive indicators of hydrophytic vegetation and wetland hydrology are also present.

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Table D1

Hydric Soils

Soil Phase	Classification	Soil Phase	Classification
ABCAL	Typic Fluvaquents	ALTDORF (DR)	Aeric Glossaqualfs
ACASCO	Typic Haplaquolls	ALUSA	Typic Albaqualfs
ACKERMAN (DR)	Histic Humaquepts	ALVISO	Tropic Fluvaquents
ACREDALE (DR)	Typic Ochraqualfs	ALVOR	Cumulic Haplaquolls
ADATON	Typic Ochraqualfs	AMAGON	Typic Ochraqualfs
ADDICKS	Typic Argiaquolls	AMALU	Histic Placaquepts
ADEN	Aeric Ochraqualfs	AMBIA	Vertic Fluvaquents
ADLER (FF)	Aquic Udifluvents	AMBRAW (DR)	Fluvaquentic Haplaquolls
ADOLPH (DR)	Typic Haplaquolls	AMES	Typic Albaqualfs
ADRIAN (DR)	Terric Medisaprists	AMY	Typic Ochraquults
AFTON	Cumulic Haplaquolls	ANACOCO	Vertic albaqualfs
AGNAL	Cumulic Haplaquolls	ANCHOR POINT	Typic Cryaquents
AGUIRRE	Udic Pellusterts	ANCLOTE	Typic Haplaquolls
AHOLT	Vertic Haplaquolls	ANDOVER	Typic Fragiaquults
AHTANUM	Typic Duraquolls	ANDRY (DR)	Typic Argiaquolls
AIRPORT	Typic Natraquolls	ANGELICA (DR)	Aeric Haplaquepts
AKAN (DR)	Typic Haplaquepts	ANGELINA	Typic Fluvaquents
ALAKAI	Terric Troposaprists	ANKONA	Arenic Ultic Haplaquods
ALAMO	Typic Duraquolls	ANSGAR	Mollic Ochraqualfs
ALAMOSA	Typic Argiaquolls	ANTERO	Typic Haplaquepts
ALAPAHA	Arenic Plinthic	APALACHEE	Fluvaquentic Dystrochrepts
ALBANO	Typic Ochraqualfs	APISHAPA	Vertic Fluvaquents
ALBATON	Vertic Fluvaquents	APPANOOSE	Mollic Albaqualfs
ALBURZ	Fluvaquentic Haplaquolls	ARANSAS	Vertic Haplaquolls
ALDEN	Mollic Haplaquepts	ARAPAHOE (DR)	Typic Humaquepts
ALGANSEE (FF)	Aquic Udipsamments	ARAT	Typic Hydraquents
ALGOMA	Mollic Halaquepts	ARABE	Aquic Natrustalfs
ALIKCHI	Typic Glossaqualfs	ARBELA	Argiaquic Argialbolls
ALLANTON	Grossarenic Haplaquods	ARENA	Aquentic Durorthids
ALLEMANDS	Terric Medisaprists	ARGENT (DR)	Typic Ochraqualfs
ALLIGATOR	Vertic Haplaquepts	ARKABUTLA (FF)	Aeric Fluvaquents
ALLIS	Aeric Haplaquepts	ARLO	Typic Calciaquolls
ALMAVILLE	Typic Fragiaqualfs	ARMAGH	Typic Ochraquults
ALMO	Typic Fragiaqualfs	ARMENIA	Typic Argiaquolls
ALMONT	Pergelic Cryaquolls	ARMIESBURG	Fluventic Hapludolls

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
ARMIJO	Typic Torrerts	BALMAN	Aquic Calciorthids
ARNHEIM	Aeric Fluvaquents	BALSORA (FF)	Typic Ustifluvents
AROL	Typic Albaqualfs	BALTIC (DR)	Cumulic Haplaquolls
ARRADA	Typic Salorthids	BARATARI (DR)	Aeric Haplaquods
ARVESON (DR)	Typic Calciaquolls	BARBARY	Typic Hydraquents
ASHFORD	Vertic Ochraqualfs	BARBERT	Typic Argialbolls
ASHGROVE	Aeric Ochraqualfs	BARBOUR (FF)	Fluventic Dystrochrepts
ASHKUM (DR)	Typic Haplaquolls	BARNEY	Mollic Fluvaquents
ASTOR	Cumulic Haplaquolls	BARODA	Typic Argiaquolls
ATHERTON	Aeric Haplaquepts	BARRADA	Aquollic Salorthids
ATKINS	Typic Fluvaquents	BARRE	Udollic Orchraqualfs
ATLAS	Aeric Ochraqualfs	BARRONETT (DR)	Mollic Ochraqualfs
ATMORE	Plinthic Paleaquults	BARRY (DR)	Typic Argiaquolls
ATSION (DR)	Aeric Haplaquods	BASH	Fluvaquentic Dystrochrepts
AUBURNDALE (DR)	Typic Glossaqualfs	BASHAW	Typic Pelloxererts
AUFCO	Aeric Fluvaquents	BASILE	Typic Glossaqualfs
AUGSBERG (DR)	Typic Calciaquolls	BASINGER	Spodic Psammaquents
AURELIE (DR)	Aeric Haplaquepts	BATZA	Pergelic Cryaquents
AURELIUS (DR)	Histic Humaquepts	BAYBORO (DR)	Umbric Paleaquults
AUSMUS	Aquic Natrargids	BAYOU	Typic Paleaquults
AUSTWELL	Typic Haplaquepts	BAYSHORE	Typic Calciaquolls
AWBRIG	Vertic Albaqualfs	BAYUCOS	Typic Fluvaquents
AXIS	Typic Sulfaquents	BAYVI	Cumulic Haplaquolls
BACH (DR)	Mollic Haplaquepts	BEAR LAKE	Typic Calciaquolls
BACKBAY	Histic Fluvaquents	BEARVILLE (DR)	Typic Ochraqualfs
BACLIFF	Entic Pelluderts	BEAUCOUP (DR)	Fluvaquentic Haplaquolls
BADO	Typic Fragiaqualfs	BEAUFORD	Typic Haplaquolls
BADUS (DR)	Cumulic Haplaquolls	BEAUMONT	Entic Pelluderts
BAILE	Typic Ochraquults	BECKWITH	Typic Albaqualfs
BAJURA (DR)	Vertic Tropaquepts	BELHAVEN (DR)	Terric Medisaprists
BAKERSVILLE	Cumulic Humaquepts	BELINDA	Mollic Albaqualfs
BALDOCK	Typic Haplaquepts	BELKNAP (FF)	Aeric Fluvaquents
BALDWIN	Vertic Ochraqualfs	BELLEVILLE (DR)	Typic Haplaquolls
BALLAHACK (DR)	Cumulic Humaquepts	BELLINGHAM	Mollic Haplaquepts
BALM	Fluvaquentic Haploxerolls	BELLPASS	Terric Medisaprists

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Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
BELUGA (DR)	Typic Cryaquents	BLEND	Fluvaquentic Haplaquolls
BENITO	Udorthentic Pellusterts	BLICHTON	Arenic Plinthic Paleaquults
BERGLAND (DR)	Aeric Haplaquepts	BLOMFORD (DR)	Arenic Ochraqualfs
BERGSVIK	Terric Tropohemists	BLUE EARTH (DR)	Mollic Fluvaquents
BERINO (P)	Typic Haplargids	BLUFF	Typic Haplaquolls
BERNARD	Vertic Argiaquolls	BLUFFTON (DR)	Typic Haplaquolls
BERRYLAND	Typic Haplaquods	BOARDMAN	Typic Ochraqualfs
BERVILLE (DR)	Typic Argiaquolls	BOASH	Typic Haplaquolls
BESEMAN (DR)	Terric Borosaprists	BOCA	Arenic Ochraqualfs
BESSIE	Terric Medisaprists	BOGGY	Aeric Fluvaquents
BETHERA (DR)	Typic Paleaquults	BOHICKET	Typic Sulfaquents
BEZO	Aeric Halaquepts	BOHNLY	Mollic Fluvaquents
BIBB	Typic Fluvaquents	BOLFAR (F)	Cumulic Haplaquolls
BICKETT	Histic Humaquepts	BOLIO	Pergelic Cryohemists
BICONDOA	Fluvaquentic Haplaquolls	BONAIR	Humic Haplaquepts
BIDDEFORD	Histic Humaquepts	BONN	Glossic Natraqualfs
BIG BLUE	Typic Haplaquolls	BONNIE (DR)	Typic Fluvaquents
BIGWINDER	Typic Fluvaquents	BONO	Typic Haplaquolls
BINGHAMVILLE	Typic Haplaquepts	BOOKER (DR)	Vertic Haplaquolls
BIRCHFIELD	Histic Haplaquolls	BOOTJACK	Aeric Cryaquepts
BIRDS (DR)	Typic Fluvaquents	BOOTS (DR)	Typic Medihemists
BIRDSALL (DR)	Typic Humaquepts	BORGES	Typic Humaquepts
BISCAY (P,DR)	Typic Haplaquolls	BORUP (DR)	Typic Calciaquolls
BISHOP	Cumulic Haplaquolls	BOSSBURG	Mollic Andaquepts
BIVANS	Typic Albaqualfs	BOSWORTH	Vertic Haplaquolls
BLACK CANYON	Typic Haplaquolls	BOULDER LAKE	Aquic Chromoxererts
BLACKFOOT (FF)	Fluvaquentic Haploxerolls	BOWDOIN (P)	Udorthentic Chromusterts
BLACKHOOF (DR)	Histic Humaquepts	BOWDRE (F)	Fluvaquentic Hapludolls
BLACKLOCK	Typic Sideraquuods	BOWMANSVILLE	Aeric Fluvaquents
BLACKOAR	Fluvaquentic Haplaquolls	BOWSTRING	Fluvaquentic Borosaprists
BLACKWELL	Typic Cryaquolls	BOYCE	Cumulic Haplaquolls
BLADEN (DR)	Typic Albaquults	BRADENTON	Typic Ochraqualfs
BLAGO	Typic Umbraquults	BRADWAY	Pergelic Cryaquepts
BLANCHESTER	Typic Orchraqualfs	BRALLIER	Typic Tropohemists
BLEAKWOOD	Typic Fluvaquents	BRAND	Aeric Haplaquepts

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
BRAZORIA (D)	Typic Chromuderts	CABARTON	Typic Cryaquolls
BRECKENRIDGE (DR)	Mollic Haplaquepts	CABLE (DR)	Typic Haplaquepts
BREMER	Typic Argiaquolls	CADDO	Typic Glossaqualfs
BRENNER	Aeric Tropaquepts	CAIRO (DR)	Vertic Haplaquolls
BREVORT (DR)	Mollic Haplaquents	CALAMINE (DR)	Typic Argiaquolls
BRIDGESON	Fluvaquentic Haplaquolls	CALCO (DR)	Cumulic Haplaquolls
BRIGHTON	Typic Medifibrists	CALCOUSTA (DR)	Typic Haplaquolls
BRIMSTONE	Glossic Natraqualfs	CALHOUN	Typic Glossaqualfs
BRINKERTON	Typic Fragiaqualfs	CALLOWAY (F)	Glossaquic Fragiudalfs
BRINNUM	Typic Halaquepts	CANADICE	Typic Ochraqualfs
BRISCOT (FF)	Aeric Fluvaquents	CANADAIGUA (DR)	Mollic Haplaquepts
BRITTO	Typic Natraqualfs	CANBURN	Cumulic Haplaquolls
BROCKTON	Humic Fragiaquepts	CANISTEO (DR)	Typic Haplaquolls
BROOKLYN (DR)	Mollic Albaqualfs	CANOVA	Typic Glossaqualfs
BROOKMAN (DR)	Typic Umbraqualfs	CANTEY (DR)	Typic Albaquults
BROOKSTON (DR)	Typic Argiaquolls	CAPAY (F)	Typic Chromoxererts
BROPHY (DR)	Hemic Borofibrists	CAPE	Typic Fluvaquents
BROWNSDALE (DR)	Mollic Ochraqualfs	CAPE FEAR (DR)	Typic Umbraquults
BROWNTON	Typic Haplaquolls	CAPEHORN	Aeric Cryaquepts
BRUCE (DR)	Mollic Haplaquepts	CAPERS	Typic Sulfaquents
BRUIN (F)	Fluvaquentic Eutrochrepts	CAPLEN	Typic Hydraquents
BRUNEEL	Aquic Haploxerolls	CAPLES	Mollic Fluvaquents
BRYCE	Typic Haplaquolls	CAPTIVA	Mollic Psammaquents
BUCKLEY	Typic Humaquepts	CARBONDALE (DR)	Hemic Borosaprists
BULLWINKLE	Terric Borosaprists	CARLIN	Hydric Medihemists
BUNKERHILL	Typic Salorthids	CARLISLE (DR)	Typic Medisaprists
BURKEVILLE	Aquentic Chromuderts	CARLOS (DR)	Limnic Borohemists
BURLEIGH (DR)	Mollic Haplaquents	CARLOW	Vertic Haplaquolls
BURNHAM	Typic Haplaquepts	CARON (DR)	Limnic Medihemists
BURR	Typic Calciaquolls	CARTECAY (P)	Aquic Udifluvents
BURSLEY	Aeric Glossaqualfs	CARTERET	Typic Psammaquents
BURT	Lithic Psammaquents	CARUTHERSVILLE (FF)	Typic Udifluvents
BUTTON	Aeric Haplaquents	CARWILE	Typic Argiaquolls
BUXIN (FF)	Vertic Hapludolls	CARYTOWN	Albic Natraqualfs
BYARS (DR)	Umbric Paleaquults	CASCILLA (FF)	Fluventic Dystrochrepts

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Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
CATHRO (DR)	Terric Borosaprists	CHUMMY	Typic Humaquepts
CATMAN	Vertic Ustifluvents	CIENO	Typic Ochraqualfs
CAYAGUA	Aeric Tropaqualfs	CISNE	Mollic Albaqualfs
CEBOYA	Typic Haplaquolls	CLAM GULCH	Humic Cryaquepts
CERESCO (FF)	Fluvaquentic Hapludolls	CLAMO (DR)	Cumulic Haplaquolls
CHAIRES	Alfic Haplaquods	CLARINDA	Typic Argiaquolls
CHALMERS (DR)	Typic Haplaquolls	CLATSOP	Histic Humaquepts
CHANCE	Mollic Haplaquepts	CLEAR LAKE	Typic Pelloxererts
CHANCELLOR	Typic Argiaquolls	CLEARBROOK	Aeric Ochraquults
CHARITON	Mollic Albaqualfs	CLEARWATER	Typic Haplaquolls
CHARLES	Aeric Fluvaquents	CLERMONT	Typic Ochraqualfs
CHARLOTTE	Entic Sideraquods	CLODINE	Typic Ochraqualfs
CHASTAIN	Typic Fluvaquents	CLOTHO	Typic Haplaquolls
CHATEAU (P)	Aquic Xerochrepts	CLOVELLY	Terric Medisaprists
CHATUGE (DR)	Typic Ochraquults	CLUNIE	Terric Borofibrists
CHAUNCEY	Typic Argialbolls	CLYDE	Typic Haplaquolls
CHEEKTOWAGA	Typic Haplaquolls	COAL CREEK (DR)	Humic Cryaquepts
CHENNEBY (P)	Fluvaquentic Dystrochrepts	COATSBURG	Typic Argiaquolls
CHEQUEST	Typic Haplaquolls	COBBSFORK	Typic Ochraqualfs
CHEROKEE	Typic Albaqualfs	COCHINA (FF)	Entic Chromusterts
CHETCO	Fluvaquentic Humaquepts	COCODRIE (FF)	Aquic Udifluvents
CHIA	Terric Tropohemists	COCOLALLA	Mollic Andaquepts
CHICKAHOMINY (DR)	Typic Ochraquults	COESSE (DR)	Aeric Fluvaquents
CHICKREEK	Andaqueptic Cryaquents	COHOCTAH (DR)	Fluvaquentic Haplaquolls
CHILGREN	Typic Ochraqualfs	COKESBURY	Typic Fragiaquults
CHILKOOT	Typic Cryaquents	COLAND	Cumulic Haplaquolls
CHINCHALLO	Andic Cryaquepts	COLEMANTOWN (DR)	Typic Ochraquults
CHINKOTEAGUE	Typic Sulfaquents	COLITA	Typic Glossaqualfs
CHIPPENY	Lithic Borosaprists	COLLINS (FF)	Aquic Udifluvents
CHIPPEWA	Typic Fragiaquepts	COLO	Cumulic Haplaquolls
CHIVATO	Cumulic Haplaquolls	COLUMBIA (FF)	Aquic Xerofluvents
CHOBEE	Typic Argiaquolls	COLUMBUS (FF)	Aquic Hapludults
CHOCK	Andaqueptic Cryaquents	COLVILLE	Fluvaquentic Haplaquolls
CHOCORUA (DR)	Terric Borohemists	COLVIN (DR)	Typic Calciaquolls
CHOWAN	Thapto-Histic Fluvaquents	COLWOOD (DR)	Typic Haplaquolls

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Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
COMFREY (DR)	Cumulic Haplaquolls	CRAIGMILE (DR)	Fluvaquentic Haplaquolls
COMMERCE (FF)	Aeric Fluvaquents	CREOLE	
CONABY (DR)	Histic Humaquepts	CRIMS	Terric Medihemists
CONBOY	Aeric Mollic Andaquepts	CROATAN (DR)	Terric Medisaprists
CONCORD	Typic Ochraqualfs	CROOKED CREEK	Cumulic Haplaquolls
CONDIT	Typic Ochraqualfs	CROQUIB	Typic Tropaquepts
CONNEAUT	Aeric Haplaquepts	CROSSPLAIN	Typic Argiaquolls
CONRAD (DR)	Typic Psammaquents	CROTON	Typic Fragiaqualfs
CONSER	Typic Argiaquolls	CROWCAMP	Calcic Pachic Argixerolls
CONTEE	Vertic Haplaquepts	CROWTHER	Typic Calciaquolls
CONVENT (FF)	Aeric Fluvaquents	CRUMP	Histic Humaquepts
COOK	Mollic Haplaquents	CUDAHY	Petrocalcic Calciaquolls
COPANO	Vertic Albaqualfs	CUMMINGS	Mollic Andaquepts
COPELAND	Typic Argiaquolls	CURRITUCK	Terric Medisaprists
COPPER RIVER	Histic Pergelic Cryaquepts	CURTISVILLE	Typic Haplaquolls
COPSEY	Vertic Haplaquolls	CUSTER	Typic Sideraquods
COQUAT	Udorthentic Chromusterts	CYCLONE (DR)	Typic Argiaquolls
COQUILLE	Aeric Tropic Fluvaquents	DACOSTA	Vertic Ochraqualfs
CORDOVA	Typic Argiaquolls	DADINA	Histic Pergelic Cryaquepts
CORIFF	Typic Haplaquolls	DALEVILLE	Typic Paleaquults
CORLEY	Argiaquic Argialbolls	DAMASCUS	Typic Ochraqualfs
CORMANT (P,DR)	Mollic Psammaquents	DAMON	Cumulic Cryaquolls
COROZAL	Aquic Tropudults	DANCY (DR)	Aeric Glossaqualfs
CORRIGAN	Typic Albaqualfs	DANGBURG (W)	Aquic Haplic Nadurargids
CORUNNA (DR)	Typic Haplaquolls	DANIA	Lithic Medisaprists
COSUMNES (FF)	Aquic Xerofluvents	DANNEMORA	Typic Fragiaquepts
COUGARBAY	Fluvaquentic Haplaquolls	DARE (DR)	Typic Medisaprists
COURTNEY	Abruptic Argiaquolls	DARFUR	Typic Haplaquolls
COUSHATTA (F)	Fluventic Eutrochrepts	DARWIN (DR)	Vertic Haplaquolls
COVE	Vertic Haplaquolls	DASHER (DR)	Typic Medihemists
COVELAND	Aquic Palexeralfs	DASSEL	Typic Haplaquolls
COVINGTON	Mollic Ochraqualfs	DAWHOO (DR)	Typic Humaquepts
COWDEN	Mollic Albaqualfs	DAWSON	Terric Borosaprists
COXVILLE (DR)	Typic Paleaquults	DAYTON	Typic Albaqualfs
CRADLEBAUGH	Duric Haplaquolls	DEBORAH	Histic Pergelic Cryaquepts

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
DECHEL	Tropic Fluvaquents	DORAVAN	Typic Medisaprists
DECKERVILLE	Cumulic Humaquepts	DOSPALOS (F)	Vertic Haplaquolls
DEERWOOD (DR)	Histic Humaquepts	DOTLAKE	Pergalic Cryaquepts
DEFORD (DR)	Typic Psammaquents	DOUGCLIFF	Typic Borofibrists
DEKOVEN	Fluvaquentic Haplaquolls	DOVRAY (DR)	Cumulic Haplaquolls
DELCOMB	Terric Medisaprists	DOWELLTON	Vertic Ochraqualfs
DELENA	Humic Fragiaquepts	DOWNATA	Cumulic Haplaquolls
DELEPLAIN	Aeric Fluvaquents	DOYLESTOWN	Typic Fraqiaqualfs
DELFT	Cumulic Haplaquolls	DRIFTWOOD	Typic FLuvaquents
DELKS	Ultic Haplaquods	DRUMMER (DR)	Typic Haplaquolls
DELOSS (DR)	Typic Umbraquults	DUNNING	Fluvaquentic Haplaquolls
DELRAY	Grossarenic Argiaquolls	DUPONT	Limnic Medisaprists
DENAUD	Histic Humaquepts	DURBIN	Typic Sulfihemists
DENNY (DR)	Mollic Albaqualfs	DURRSTEIN	Typic Natraquolls
DEPOE	Typic Tropaquods	DYLAN	Aquentic Chromuderts
DEPORT	Udorthentic Pellusterts	EACHUSTON	Typic Cryaquents
DERLY	Typic Glossaqualfs	EARLE	Vertic Haplaquepts
DESHA (FF)	Vertic Hapludolls	EARLMONT	Typic Fluvaquents
DEVILSGAIT	Cumulic Haplaquolls	EASBY	Typic Calciaquolls
DEVOIGNES	Histic Humaquepts	EASLEY	Histic Pergelic Cryaquepts
DEWEYVILLE	Typic Medihemists	EASTON (DR)	Aeric Haplaquepts
DIANOLA	Typic Psammaquents	EATON	Arenic Albaqualfs
DILMAN	Typic Cryaquolls	EAUGALLIE	Alfic Haplaquods
DILTON	Lithic Haplaquolls	EBBERT (DR)	Argiaquic Argialbolls
DIMMICK (DR)	Typic Haplaquolls	EBRO	Typic Medisaprists
DINGLISHNA	Typic Cryaquods	EDGINGTON (DR)	Argiaquic Argialbolls
DIPMAN	Typic Cryaquolls	EDINA	Typic Argialbolls
DIREGO	Terric Sulfihemists	EDINBURG (DR)	Typic Argiaquolls
DITHOD	Fluvaquentic Haploxerolls	EDMINSTER	Glossic Natraqualfs
DOBROW	Cumulic Cryaquolls	EDMONDS	Entic Sideraquods
DOCKERY (FF)	Aquic Udifluvents	EDMORE (DR)	Mollic Haplaquents
DOGIECREEK	Typic Fluvaquents	EDNA	Vertic Albaqualfs
DOLBEE	Typic Haplaquolls	EDROY	Vertic Haplaquolls
DORA (DR)	Terric Borosaprists	EDWARDS (DR)	Liminic Medisaprists
DOROSHIN	Terric Borohemists	EGAS	Typic Haplaquolls

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
EGBERT	Cumulic Haplaquolls	EVADALE	Typic Glossaqualfs
ELBERT	Typic Ochraqualfs	EVANSHAM (DR)	Typic Pelluderts
ELIZA	Sulfic Fluvaquents	EVANSVILLE	Typic Haplaquepts
ELKINS	Humaqueptic Fluvaquents	EVART	Fluvaquentic Haplaquolls
ELKTON	Typic Ochraquults	EVERGLADES (DR)	Typic Medihemists
ELLABELLE (DR)	Arenic Umbric Paleaquults	EVERSON	Mollic Haplaquepts
ELLOREE	Arenic Ochraqualfs	EYAK	Typic Cryaquents
ELLZEY	Arenic Ochraqualfs	FALAYA (FF)	Aeric Fluvaquents
ELM LAKE (DR)	Typic Haplaquents	FALBA	Typic Albaqualfs
ELPAM	Typic Haplaquepts	FALLON (F)	Aquic Xerofluvents
ELRED	Alfic Sideraquods	FALLSINGTON	Typic Ochraquults
ELRICK (FF)	Typic Hapludolls	FALOMA	Fluvaquentic Haplaquolls
ELVERS (DR)	Thapto-Histic Fluvaquents	FARGO (DR)	Vertic Haplaquolls
ELVIRA	Typic Haplaquolls	FARMTON	Arenic Ultic Haplaquods
EMDENT	Mollic Halaquepts	FAUSSE	Typic Fluvaquents
EMERALDA	Mollic Albaqualfs	FAXON (DR)	Typic Haplaquolls
EMORY (P)	Fluventic Umbric Dystrochrepts	FEATHERSTONE	Typic Hydraquents
ENGLEHARD (DR)	Humaqueptic Fluvaquents	FEDORA	Typic Calciaquolls
ENLOE (DR)	Argiaquic Argialbolls	FELDA	Arenic Ochraqualfs
ENOCHVILLE	Cumulic Cryaquolls	FELLOWSHIP	Typic Umbraqualfs
ENOREE (DR)	Aeric Fluvaquents	FERRON	Typic Fluvaquents
ENOSBURG (DR)	Mollic Haplaquents	FIELDON	Typic Haplaquolls
ENSLEY (DR)	Aeric Haplaquepts	FILION	Typic Haplaquepts
EPOUFETTE (DR)	Mollic Ochraqualfs	FILLMORE	Typic Argialbolls
EQUIS	Typic Halaquepts	FISHTRAP	Terric Medisaprists
ERAMOSH	Histic Haplaquolls	FLAGSTAFF	Haploxerollic Durargids
ESHAMY	Typic Cryaquents	FLEER	Cumulic Cryaquolls
ESPELIE	Typic Haplaquolls	FLEMINGTON	Typic Albaqualfs
ESRO	Cumulic Haplaquolls	FLOM (DR)	Typic Haplaquolls
ESSEXVILLE (DR)	Typic Haplaquolls	FLORIDANA	Arenic Argiaquolls
ESTER	Histic Pergelic Cryaquepts	FOLEY	Albic Glossic Natraqualfs
ESTERO	Typic Haplaquods	FOLLET	Typic Haplaquents
ESTES	Aeric Haplaquepts	FONDA	Mollic Haplaquepts
ETTRICK (DR)	Fluvaquentic Haplaquolls	FORADA	Typic Haplaquolls
EUREKA	Typic Albaqualfs	FORD (DR)	Aeric Calciaquolls
EUTAW	Entic Pelluderts		

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
FORDUM	Mollic Fluvaquents	GAY (DR)	Aeric Haplaquepts
FORELAND	Histic Cryaquepts	GAYLESVILLE	Aeric Ochraqualfs
FORESTDALE	Typic Ochraqualfs	GAZELLE	Aquic Durothids
FORNEY	Vertic Fluvaquents	GED	Typic Ochraqualfs
FORTESCUE (DR)	Cumulic Humaquepts	GENTILLY	Typic Hydraquents
FOSSUM (DR)	Typic Haplaquolls	GENTRY	Arenic Argiaquolls
FOUNTAIN	Typic Glossaqualfs	GERRARD	Typic Haplaquolls
FOURLOG	Typic Cryaquolls	GESSNER	Typic Glossaqualfs
FOXCREEK	Typic Cryaquolls	GETZVILLE	Aeric Haplaquepts
FRANCITAS	Typic Pelluderts	GIDEON	Mollic Fluvaquents
FRANKFORT	Udollic Ochraqualfs	GIFFORD	Vertic Ochraqualfs
FREDON	Aeric Haplaquepts	GILBERT	Typic Glossaqualfs
FREE (DR)	Typic Haplaquolls	GILFORD (DR)	Typic Haplaquolls
FREETOWN	Typic Medisaprists	GILLSBURG (FF)	Aeric Fluvaquents
FRENCHTOWN	Typic Fragiaqualfs	GINAT	Typic Fragiaqualfs
FRIES	Typic Umbraquults	GIRARD	Cumulic Haplaquolls
FROLIC (F)	Cumulic Haploborolls	GIRARDOT	Typic Cryaquepts
FROST	Typic Glossaqualfs	GLADEWATER	Vertic Haplaquepts
FT. DRUM	Aeric Haplaquepts	GLENCOE (DR)	Cumulic Haplaquolls
FT. GREEN	Arenic Ochraqualfs	GLENDORA (DR)	Mollic Psammaquents
FULDA (DR)	Typic Haplaquolls	GLENROSS	Typic Natraqualfs
FULMER	Typic Haplaquolls	GLENSTED	Mollic Albaqualfs
FULTS	Vertic Haplaquolls	GODFREY	Typic Fluvaquents
FUNTER	Terric Sphagnofibrists	GOLD CREEK	Vertic Haplaquolls
FURNISS	Typic Cryaquolls	GOLDSTREAM	Histic Pergelic Cryaquepts
FURY	Cumulic Haplaquolls	GOODPASTER	Histic Pergelic Cryaquepts
GALLION (FF)	Typic Hapludalfs	GOOSE LAKE	Typic Argialbolls
GALT (F,P)	Typic Chromoxererts	GOREEN	Typic Albaquults
GANNETT	Typic Haplaquolls	GORHAM (DR)	Fluvaquentic Haplaquolls
GANSNER (P)	Typic Haplaquolls	GOTHENBURG	Typic Psammaquents
GAPO	Typic Cryaquolls	GRADY	Typic Paleaquults
GARROCHALES	Liminic Troposaprists	GRANBY (DR)	Typic Haplaquolls
GARWIN	Typic Haplaquolls	GRANO (DR)	Vertic Haplaquolls
GAS CREEK	Typic Haplaquolls	GRANTHAM (DR)	Typic Paleaquults
GATOR (DR)	Terric Medisaprists	GRAVELTON (DR)	Fluvaquentic Haplaquolls

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
GRAYLAND	Haplic Andaquepts	HATBORO	Typic Fluvaquents
GREENWOOD (DR)	Typic Borohemists	HAUG (DR)	Histic Humaquepts
GRENADA (F)	Glossic Fragiudalfs	HAULINGS	Histic Haplaquolls
GRIFTON (DR)	Typic Ochraqualfs	HAVELOCK	Cumulic Haplaquolls
GRIVER	Aquic Xerofluvents	HAVERHILL	Typic Haplaquolls
GROOM	Aeric Ochraqualfs	HAYNIE (FF)	Mollic Udifluvents
GRULLA	Vertic Fluvaquents	HAYSPUR	Fluvaquentic Haplaquolls
GRYGLA (DR)	Mollic Haplaquents	HAYTI	Typic Fluvaquents
GUANICA	Udic Pellusterts	HEBO	Umbric Tropaquults
GUFFIN	Mollic Haplaquepts	HECETA	Typic Psammaquents
GULF	Aeric Haplaquepts	HEGNE (DR)	Typic Calciaquolls
GUMBOOT	Typic Humaquepts	HEIGHTS	Arenic Ochraqualfs
GUTHRIE	Typic Fragiaquults	HEIL	Typic Natraquolls
GUYTON	Typic Glossaqualfs	HENCO	Grossarenic Paleaquults
HAGGA	Typic Fluvaquents	HENRIETTA (DR)	Histic Humaquepts
HAGGERTY	Aeric Ochraquults	HENRY	Typic Fragiaqualfs
HAIG	Typic Argiaquolls	HEROD	Typic Fluvaquents
HALBERT	Histic Placaquepts	HERSHAL	Cumulic Haplaquolls
HALLANDALE	Lithic Psammaquents	HERTY	Vertic Albaqualfs
HALLECK	Cumulic Haplaquolls	HESSEL (DR)	Mollic Haplaquepts
HALSEY (DR)	Mollic Haplaquepts	HETTINGER (DR)	Mollic Haplaquepts
HAMAR	Typic Haplaquolls	HEWITT	Terric Borohemists
HAMEL	Typic Argiaquolls	HIGGINS	Typic Haplaquepts
HAMRE (DR)	Histic Humaquepts	HILINE	Typic Cryaquents
HANDSBORO	Typic Sulfihemists	HILLET	Typic Haplaquolls
HANSKA	Typic Haplaquolls	HILOLO	Mollic Ochraqualfs
HAPUR	Typic Calciaquolls	HOBCAW (DR)	Typic Umbraquults
HARAHAN	Vertic Haplaquepts	HOBONNY	Typic Medisaprists
HARCOT	Typic Calciaquolls	HOBUCKEN	Typic Hydraquents
HARJO	Typic Fluvaquents	HODGE	Typic Udipsamments
HARPS	Typic Calciaquolls	HODGINS (D)	Ustollic Camborthids
HARPSTER (DR)	Typic Calciaquolls	HOFFLAND	Typic Calciaquolls
HARRIET	Typic Natraquolls	HOLILLIPAH (FF)	Typic Xerofluvents
HARRIS	Typic Haplaquolls	HOLLOW	Typic Cryofluvents
HARTSBURG (DR)	Typic Haplaquolls	HOLLY	Typic Fluvaquents

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
HOLLY SPRINGS	Cumulic Haplaquolls	INSAK	Typic Tropaquents
HOLOPAW	Grossarenic Ochraqualfs	IPSWICH	Typic Sulfihemists
HOMOSASSA	Typic Sulfaquents	IRIM	Typic Haplaquolls
HONTOON (DR)	Typic Medisaprists	IROQUOIS (DR)	Typic Argiaquolls
HOODOO	Mollic Andaquepts	ISAN (DR)	Typic Haplaquolls
HOOSIERVILLE	Typic Ochraqualfs	ISANTI (DR)	Typic Haplaquolls
HOUGHTON (DR)	Typic Medisaprists	ISLES	Arenic Ochraqualfs
HOUK	Argiaquic Xeric Argialbolls	ISTOKPOGA	Typic Medihemists
HOULKA (FF)	Vertic Haplaquepts	IVIE	Torriorthentic Haploxerolls
HOVDE	Typic Psammaquents	JACKPORT	Vertic Ochraqualfs
HOVEN	Typic Natraquolls	JACOB	Vertic Haplaquepts
HOVERT	Aquic Natrargids	JACOBSEN	Histic Cryaquepts
HOYTVILLE	Mollic Ochraqualfs	JAMES	Cumulic Haplaquolls
HUEY	Typic Natraqualfs	JAMESTON	Typic Argiaquolls
HUICHICA (P)	Abruptic Haplic Durixeralfs	JAREALES	Thapto-Histic Tropic Fluvaquents
HUMBOLDT	Fluvaquentic Haplaquolls	JAROLA	Typic Argialbolls
HUMESTON	Argiaquic Argialbolls	JARRON	Typic Natraqualfs
HUNCHBACK	Cumulic Cryaquolls	JASCO	Typic Fragiaqualfs
HUSSA	Fluvaquentic Haplaquolls	JEDDO (DR)	Aeric Ochraqualfs
HYDABURG	Lithic Cryohemists	JEFFERS	Typic Haplaquolls
HYDE (DR)	Typic Umbraquults	JENA (FF)	Fluventic Dystrochrepts
IBERIA	Vertic Haplaquolls	JOENEY	Typic Sideraquods
ICARIA (DR)	Typic Umbraquults	JOHNSTON (DR)	Cumulic Humaquepts
ICENE	Aquic Camborthids	JOICE	Typic Medisaprists
ICESLEW	Typic Haplaquepts	JOLIET	Lithic Haplaquolls
IGUALDAD	Typic Tropaquepts	JOSEPH	Aquic Xerofluvents
IJAM	Vertic Fluvaquents	JUBILEE	Typic Haplaquolls
ILACHETOMEL	Typic Sulfihemists	JUDICE	Vertic Haplaquolls
ILION	Mollic Ochraqualfs	JUNTURA	Cumulic Haplaquolls
IMMOKALEE	Arenic Haplaquods	JUPITER	Lithic Haplaquolls
INCELL	Cumulic Haplaquolls	JURVANNAH	Typic Cryaquents
INEZ	Typic Albaqualfs	KADE	Typic Cryaquents
INKOM	Cumulic Haplaquolls	KAIKLI	Lithic Cryosaprists
INKOSR	Typic Tropaquepts	KALIFONSKY	Typic Cryaquepts
INMACHUK	Pergelic Cryofibrists	KALIGA	Terric Medisaprists

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
KALMARVILLE	Mollic Fluvaquents	KIMMERLING	Cumulic Haplaquolls
KALOKO	Typic Calciaquolls	KINA	Typic Cryohemists
KALONA	Typic Haplaquolls	KINDER	Typic Glossaqualfs
KAMAN	Typic Pelluderts	KINGILE	Terric Medisaprists
KANAPAHA	Grossarenic Paleaquults	KINGMAN	Fluvaquentic Haplaquolls
KANEBREAK	Cumulic Haplaquolls	KINGS (DR)	Vertic Haplaquolls
KANONA	Aeric Haplaquepts	KINGSLAND	Typic Medihemists
KANTISHNA	Hydric Borofibrists	KINGSVILLE (DR)	Mollic Psammaquents
KANUTCHAN	Typic Pelloxererts	KINKORA	Typic Ochraquults
KANZA	Mollic Psammaquents	KINROSS (DR)	Typic Haplaquods
KARANKAWA	Typic Haplaquents	KINSMAN (DR)	Aeric Haplaquods
KARHEEN	Typic Cryosaprists	KINSTON (DR)	Typic Fluvaquents
KARLUK	Typic Cryaquepts	KIRK	Andic Cryaquepts
KARNAK	Vertic Haplaquepts	KIZHUYAK	Andaqueptic Cryaquents
KARSHNER	Pergelic Cryaquepts	KJAR	Histic Humaquepts
KATO (DR)	Typic Haplaquolls	KLABER	Typic Glossaqualfs
KAUFMAN	Typic Pelluderts	KLAMATH	Cumulic Cryaquolls
KEALIA	Typic Salorthids	KLANELNEECHENA	Histic Pergelic Cryaquepts
KEANSBURG	Typic Umbraquults	KLAWASI	Histic Pergelic Cryaquepts
KEECHI	Typic Fluvaquents	KNIGHT	Argiaquic Argialbolls
KENNER	Fluvaquentic Medisaprists	KNOKE (DR)	Cumulic Haplaquolls
KENUSKY	Umbric Paleaquults	KOBEL	Vertic Haplaquepts
KEOWNS (DR)	Mollic Haplaquepts	KOGISH	Typic Sphagnofibrists
KERSTON (DR)	Fluvaquentic Medisaprists	KOKOMO	Typic Argiaquolls
KESSON	Typic Pasammaquents	KOLLS	Vertic Haplaquolls
KESTERSON	Glossic Natraqualfs	KOLLUTUK	Pergelic Ruptic-Histic Cryaquepts
KETONA	Vertic Ochraqualfs	KOOLAU	Plinthic Tropaquepts
KEYESPOINT (FF)	Vertic Haplaquepts	KOSMOS	Typic Humaquepts
KEZAN	Mollic Fluvaquents	KOSSUTH	Typic Haplaquolls
KIAN	Aeric Fluvaquents	KOTO	Typic Natraquolls
KILGORE	Cumulic Cryaquolls	KOURY (FF)	Fluvaquentic Dystrochrepts
KILLBUCK	Typic Fluvaquents	KOVICH	Cumulic Haplaquolls
KILLEY	Typic Cryaquents	KRATKA (DR)	Typic Haplaquolls
KILMANAGH (DR)	Aeric Haplaquepts	KUSKOKWIM	Histic Pergelic Cryaquepts
KILWINNING	Vertic Ochraqualfs	KUSLINA	Histic Pergelic Cryaquepts

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
KYDAKA	Typic Humaquepts	LAWET	Typic Calciaquolls
LABISH	Cumulic Humaquepts	LAWNWOOD	Aeric Haplaquods
LABOUNTY	Typic Humaquepts	LAWSON (FF)	Cumulic Hapludolls
LACAMAS	Typic Glossaqualfs	LEAF	Typic Albaquults
LACERDA	Aquentic Chromuderts	LEAGUEVILLE	Arenic Paleaquults
LACHAPELLA	Typic Cryaquepts	LEAKSVILLE	Typic Albaqualfs
LACOOCHEE	Spodic Psammaquents	LEBEAU	Aquentic Chromuderts
LACOTA (DR)	Mollic Haplaquepts	LEDWITH	Mollic Albaqualfs
LAFITTE	Typic Medisaprists	LEE	Typic Fluvaquents
LAGRANGE	Typic Ochraqualfs	LEICESTER	Aeric Haplaquepts
LAHRITY	Mollic Haplaquepts	LEMETA	Pergelic Cryofibrists
LAJARA	Typic Haplaquolls	LEMOLO	Typic Humaquepts
LAKE CHARLES	Typic Pelluderts	LEMOND (DR)	Typic Haplaquolls
LAKEMONT	Udollic Ochraqualfs	LENA (DR)	Typic Medisaprists
LAKESHORE	Typic Salorthids	LENAWEE (DR)	Mollic Haplaquepts
LALLIE (DR)	Typic Fluvaquents	LENOIR (FF)	Aeric Paleaquults
LAM	Fluvaquentic Haplaquolls	LEON	Aeric Haplaquods
LAMINGTON	Typic Fragiaquults	LEONARD	Vertic Ochraqualfs
LAMO	Cumulic Haplaquolls	LEONARDTOWN	Typic Fragiaquults
LAMOOSE	Typic Haplaquolls	LETON	Typic Glossaqualfs
LAMOURE (DR)	Cumulic Haplaquolls	LETRI	Typic Haplaquolls
LAMSON (DR)	Aeric Haplaquepts	LEVASY	Fluvaquentic Haplaquolls
LANEXA	Terric Medisaprists	LEVELTON	Typic Haplaquepts
LANG (FF)	Typic Psammaquents	LEVY	Typic Hydraquents
LANGLOIS	Tropic Fluvaquents	LICKDALE	Humic Haplaquepts
LANTON (DR)	Cumulic Haplaquolls	LIDDELL (DR)	Typic Haplaquepts
LANTZ	Typic Umbraqualfs	LIGHTNING	Typic Ochraqualfs
LANYON	Typic Haplaquolls	LILBOURN	Aeric Fluvaquents
LAROSE	Typic Hydraquents	LIM (DR)	Aeric Fluvaquents
LARRY	Typic Haplaquolls	LIMERICK	Typic Fluvaquents
LATAHCO	Argiaquic Xeric Argialbolls	LINDAAS (DR)	Typic Argiaquolls
LATHER	Limnic Borohemists	LINWOOD (DR)	Terric Medisaprists
LATTY	Typic Haplaquepts	LIPAN	Entic Pellusterts
LAUDERHILL (DR)	Lithic Medisaprists	LIPPINCOTT	Typic Argiaquolls
LAUGENOUR (FF)	Aeric Fluvaquents	LISCO	Typic Halaquepts

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
LITRO	Vertic Haplaquepts	MACKEN	Vertic Haplaquolls
LIVIA	Typic Natraqualfs	MADALIN	Mollic Ochraqualfs
LIVINGSTON (DR)	Mollic Haplaquepts	MADELIA	Typic Haplaquolls
LOBO	Hemic Sphagnofibrists	MAGNA	Typic Calciaquolls
LOCODA	Typic Fluvaquents	MAGOTHA	Typic Natraqualfs
LOGAN	Typic Calciaquolls	MAHALASVILLE (DR)	Typic Argiaquolls
LOGY (FF)	Torrifluventic Haploxerolls	MAHTOWA (DR)	Typic Haplaquolls
LOKOSEE	Grossarenic Ochraqualfs	MALABAR	Grossarenic Ochraqualfs
LOLAK	Typic Halaquepts	MANAHAWKIN	Terric Medisaprists
LOMALTA	Udorthentic Pellusterts	MANATEE	Typic Argiaquolls
LORAIN (DR)	Mollic Ochraqualfs	MANFRED (DR)	Typic Natraquolls
LOTUS	Aquic Quartzipsamments	MANN (DR)	Typic Haplaquolls
LOUGHBORO	Aeric Glossaqualfs	MANSFIELD	Typic Fragiaquepts
LOUIN	Aquentic Chromuderts	MARCUS	Typic Haplaquolls
LOUP	Typic Haplaquolls	MARCUSE	Vertic Haplaquepts
LOVELAND	Fluvaquentic Haplaquolls	MARCY	Typic Fraqiaquepts
LOVELOCK	Fluvaquentic Haplaquolls	MARENGO	Typic Argiaquolls
LOWS (DR)	Mollic Haplaquepts	MARGATE	Mollic Psammaquents
LOXLEY (DR)	Typic Borosaprists	MARIA (FF)	Typic Haplaquepts
LOYSVILLE	Typic Fragiaqualfs	MARKES	Typic Ochraqualfs
LUDDEN (DR)	Vertic Haplaquolls	MARKEY (DR)	Terric Borosaprists
LUFKIN	Vertic Albaqualfs	MARLA	Aquic Cryumbrepts
LUMBEE (DR)	Typic Ochraquults	MARLAKE	Mollic Fluvaquents
LUMMI	Fluvaquentic Haplaquolls	MARNA	Typic Haplaquolls
LUNCH	Terric Cryohemists	MARSHAN (DR)	Typic Haplaquolls
LUPTON (DR)	Typic Borosaprists	MARSHBROOK	Cumulic Haplaquolls
LURA (DR)	Cumulic Haplaquolls	MARSHDALE	Cumulic Haplaquolls
LURAY	Typic Argiaquolls	MARSHFIELD (DR)	Typic Ochraqualfs
LUTE (P)	Typic Natraquolls	MARTEL	Typic Umbraqualfs
LUTON	Vertic Haplaquolls	MARTIN PENA	Tropic Fluvaquents
LYLES	Typic Haplaquolls	MARTISCO	Histic Humaquepts
LYME (DR)	Aeric Haplaquepts	MARYSLAND (DR)	Typic Calciaquolls
LYNN HAVEN	Typic Haplaquods	MASCOTTE	Ultic Haplaquods
LYNNE	Ultic Haplaquods	MASHULAVILLE	Typic Fragiaquults
LYONS (DR)	Mollic Haplaquepts	MASONTOWN	Cumulic Humaquepts

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
MASSENA	Aeric Haplaquepts	MEIKLE	Typic Albaqualfs
MASSIE	Typic Argialbolls	MELHOMES	Humaqueptic Psammaquents
MATAGORDA	Typic Natraqualfs	MELTON	Humic Cryaquepts
MATHISTON	Aeric Fluvaquents	MELVIN	Typic Fluvaquents
MATTAMUSKEET (DR)	Terric Medisaprists	MENASHA (DR)	Typic Haplaquolls
MATTAN	Terric Medisaprists	MENDELTNA	Histic Pergelic Cryaquepts
MATUNUCK	Typic Sulfaquents	MENDENHALL	Cumulic Cryaquolls
MAUMEE (DR)	Typic Haplaquolls	MENLO	Histic Humaquepts
MAUREPAS	Typic Medisaprists	MERCEDES (F)	Udorthentic Pellusterts
MAURERTOWN	Typic Ochraqualfs	MERDEN	Fluvaquentic Haplaquolls
MAVIE	Typic Calciaquolls	MERMENTAU	Aeric Haplaquepts
MAXCREEK	Typic Haplaquolls	MERMILL (DR)	Mollic Ochraqualfs
MAXFIELD	Typic Haplaquolls	MERWIN (DR)	Terric Borohemists
MAYBESO	Terric Cryosaprists	MESEI	Terric Troposaprists
MAYBID	Typic Humaquepts	MHOON	Typic Fluvaquents
MAYER (DR)	Typic Haplaquolls	MICCO	Terric Medifibrists
MAYHEW	Vertic Ochraqualfs	MIDLAND	Typic Ochraqualfs
MAZASKA	Typic Argiaquolls	MILFORD (DR)	Typic Haplaquolls
MCCLEARY	Aeric Fluvaquents	MILLERVILLE (DR)	Limnic Borohemists
MCCOLL (DR)	Typic Fragiaquults	MILLGROVE	Typic Argiaquolls
MCCRORY	Albic Glossic Natraqualfs	MILLINGTON (DR)	Cumulic Haplaquolls
MCCUNE	Aeric Glossaqualfs	MILLSDALE	Typic Argiaquolls
MCDONALDSVILLE	Typic Haplaquolls	MINER	Mollic Ochraqualfs
MCFAIN (DR)	Fluvaquentic Haplaquolls	MINNETONKA (DR)	Typic Argiaquolls
MCGEHEE	Aeric Ochraqualfs	MINNEWAUKAN	Typic Psammaquents
MCGIRK	Typic Ochraqualfs	MINNIECE	Typic Umbraqualfs
MCGUFFEY	Histic Humaquepts	MINOCQUA (DR)	Mollic Haplaquepts
MCKEE	Typic Hydraquents	MINTER (FF)	Typic Ochraqualfs
MCKENNA	Mollic Haplaquepts	MITCH (F)	Cumulic Haploborolls
MCKENSIE	Typic Haplaquepts	MOAG	Typic Fluvaquents
MCMURRAY	Typic Medihemists	MOLAS	Typic Argialbolls
MEDANO	Typic Haplaquolls	MOLLVILLE	Typic Glossaqualfs
MEDFRA	Histic Pergelic Cryaquepts	MONARDA (DR)	Aeric Fragiaquepts
MEDOMAK	Fluvaquentic Humaquepts	MONEE	Mollic Ochraqualfs
MEGGETT (DR)	Typic Albaqualfs	MONITEAU	Typic Ochraqualfs

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
MONROEVILLE (DR)	Typic Argiaquolls	NACLINA	Aquentic Chromuderts
MONTEOCHA	Ultic Haplaquods	NADA	Typic Albaqualfs
MONTGOMERY (DR)	Typic Haplaquolls	NAHATCHE	Aeric Fluvaquents
MONTVERDE	Typic Medifibrists	NAHMA (DR)	Histic Humaquepts
MOOREVILLE (FF)	Fluvaquentic Dystrochrepts	NAKINA (DR)	Typic Umbraqualfs
MOOSE RIVER	Typic Cryaquents	NAKNEK	Histic Pergelic Cryaquepts
MOOSELAKE (DR)	Typic Borohemists	NANIAK	Typic Sulfaquents
MOOSILAUKE (DR)	Aeric Haplaquepts	NAPA	Typic Natraquolls
MORALES	Aeric Glossaqualfs	NAPOLEON	Typic Medihemists
MORELAND (FF)	Vertic Hapludolls	NARROWS	Calcic Cryaquolls
MOREY	Typic Argiaquolls	NARTA	Typic Natraqualfs
MORPH (DR)	Typic Glossaqualfs	NASKEAG	Aeric Haplaquods
MOSLANDER	Typic Cryaquolls	NASS	Typic Haplaquents
MOULTRIE	Spodic Psammaquents	NATAL	Umbric Ochraqualfs
MOUNDPRAIRIE	Mollic Fluvaquents	NATROY	Aquic Chromoxererts
MOUNTAINVIEW	Fluvaquentic Medisaprists	NAVAJO	Vertic Torrifluvents
MOUNTMED		NAVAN (DR)	Typic Argiaquolls
MOWATA	Typic Glossaqualfs	NAWNEY	Typic Fluvaquents
MOYINA	Andic Cryaquepts	NELSE (FF)	
MUCKALEE	Typic Fluvaquents	NEMAH	Humic Haplaquepts
MUDSOCK	Mollic Haplaquepts	NESS	Udic Pellusterts
MUKILTEO	Typic Medihemists	NETTLES	Alfic Arenic Haplaquods
MULAT	Arenic Ochraquults	NEVERSINK	Aeric Haplaquepts
MULDROW	Typic Argiaquolls	NEWALBIN	Typic Fluvaquents
MULLICA	Typic Humaquepts	NEWARK (P)	Aeric Fluvaquents
MULLINS	Typic Fragiaquults	NEWBERG	Fluventic Haploxerolls
MUNSET	Ultic Haploxeralfs	NEWBERRY	Mollic Ochraqualfs
MURVILLE	Typic Haplaquods	NEWELLTON (FF)	Aeric Fluvaquents
MUSKEGO (DR)	Limnic Medisaprists	NEWSON (DR)	Humaqueptic Psammaquents
MUSSEY (DR)	Typic Argiaquolls	NEWTON (DR)	Typic Humaquepts
MUSTANG	Typic Psammaquents	NGERUNGOR	Typic Sulfihemists
MYAKKA	Aeric Haplaquods	NIKFUL	Aquultic Hapludalfs
MYATT (DR)	Typic Ochraquults	NIKOLAI (DR)	Terric Borosaprists
MYRICK (DR)	Fluvaquentic Haplaquolls	NIMMO (DR)	Typic Ochraquults
NABESNA	Histic Pergelic Cryaquepts	NIOTA	Mollic Albaqualfs

(Continued)

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Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
NISHNA	Cumulic Haplaquolls	OKOBOJI	Cumulic Haplaquolls
NISHON (DR)	Typic Albaqualfs	OLASHES (FF)	Mollic Haploxeralfs
NITTAW	Typic Argiaquolls	OLBUT	Abruptic Argiaquolls
NOKASIPPI	Typic Haplaquolls	OLDHAM (DR)	Cumulic Haplaquolls
NOLIN (FF)	Dystric Fluventic Eutrochrepts	OLDS	Andic Cryaquepts
NOLO	Typic Fragiaquults	OLDSMAR	Alfic Arenic Haplaquods
NOME	Pergelic Cryaquepts	OLENO	Vertic Haplaquepts
NOOKACHAMPS	Typic Fluvaquents	OLENTANGY (DR)	Histic Humaquepts
NORMA	Mollic Haplaquepts	OLMSTED	Mollic Ochraqualfs
NORTHCOTE (DR)	Vertic Haplaquolls	OLUSTEE	Ultic Haplaquods
NORTHWOOD (DR)	Histic Humaquepts	OMNI	Fluvaquentic Haplaquolls
NORWELL (DR)	Typic Fragiaquepts	ONA	Typic Haplaquods
NORWICH	Typic Fragiaquepts	ONTKO	Andic Cryaquepts
NOTI	Typic Humaquepts	OPELIKA	Mollic Albaqualfs
NOVARY	Cumulic Cryaquolls	OPENLAKE (FF)	Vertic Haplaquepts
NOVATO	Typic Hydraquents	ORCAS	Typic Sphagnofibrists
NUBY	Typic Fluvaquents	ORELIA (P)	Typic Ochraqualfs
NUGENT (FF)	Typic Udifluvents	ORIDIA	Aeric Fluvaquents
NUTALL	Mollic Albaqualfs	ORIO (DR)	Mollic Ochraqualfs
OAKHURST	Vertic Albaqualfs	ORWET (DR)	Typic Calciaquolls
OAKLIMETER (FF)	Fluvaquentic Dystrochrepts	OSAGE	Vertic Haplaquolls
OBANION	Aeric Halaquepts	OSHAWA	Cumulic Haplaquolls
OCHO	Haplic Nadurargids	OSIER (DR)	Typic Psammaquents
OCOEE	Terric Medifibrists	OSSIAN (DR)	Typic Haplaquolls
OCOSTA	Typic Fluvaquents	OSSIPEE (DR)	Terric Borohemists
ODENSON	Andaqueptic Haplaquolls	OSWALD (FF)	Aquic Chromoxererts
ODNE	Typic Ochraqualfs	OTHELLO	Typic Ochraquults
OGEECHEE (DR)	Typic Ochraquults	OTTER (DR)	Cumulic Haplaquolls
OGEMAW (DR)	Aquic Haplorthids	OUACHITA (FF)	Fluventic Dystrochrepts
OJATA	Typic Calciaquolls	OVERTON	Aeric Haplaquepts
OKANOGAN (FF)	Fluventic Haploxerolls	OWEGO	Mollic Fluvaquents
OKAW	Typic Albaqualfs	OZAMIS	Fluvaquentic Haplaquolls
OKEECHOBEE (DR)	Hemic Medisaprists	OZAN	Typic Glossaqualfs
OKEELANTA (DR)	Terric Medisaprists	OZIAS	Aeric Fluvaquents
OKLAWAHA	Terric Medifibrists	PAHOKEE	Lithic Medisaprists

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
PAHRANAGAT	Fluvaquentic Haplaquolls	PELHAM (DR)	Arenic Paleaquults
PAISLEY	Typic Albaqualfs	PELIC	Typic Fluvaquents
PALMAR	Typic Tropohemists	PELLA (DR)	Typic Haplaquolls
PALMETTO	Grossarenic Paleaquults	PELLICER	Typic Sulfaquents
PALMS (DR)	Terric Medisaprists	PEMI (DR)	Typic Haplaquepts
PAMLICO (DR)	Terric Medisaprists	PENGILLY	Typic Fluvaquents
PANASOFFKEE	Arenic Ochraqualfs	PENNSUCO	Typic Fluvaquents
PANDORA	Typic Ochraqualfs	PEOGA	Typic Ochraqualfs
PANGBORN	Typic Medisaprists	PEOH	Cumulic Haplaquolls
PANSEY	Plinthic Paleaquults	PEONE	Andaqueptic Fluvaquents
PANTEGO (DR)	Umbric Paleaquults	PEORIA	Albic Glossic Natraqualfs
PANTHER	Typic Haplaquolls	PEOTONE (DR)	Cumulic Haplaquolls
PAPAGUA	Typic Albaqualfs	PEPPER	Alfic Haplaquods
PARANAT	Fluvaquentic Haplaquolls	PERCILLA	Aeric ochraqualfs
PAREHAT	Fluvaquentic Haploxerolls	PERCY (DR)	Typic Calciaquolls
PARENT (DR)	Typic Haplaquolls	PERELLA (DR)	Typic Haplaquolls
PARKHILL (DR)	Mollic Haplaquepts	PERQUIMANS (DR)	Typic Ochraquults
PARKWOOD	Mollic Ochraqualfs	PERRINE	Typic Fluvaquents
PARNELL (DR)	Typic Argiaquolls	PERRY	Vertic Haplaquepts
PARSIPPANY	Aeric Ochraqualfs	PESCADERO (FF)	Aquic Natrixeralfs
PARTLOW	Typic Ochraquults	PETEETNEET	Typic Medisaprists
PASCO	Cumulic Haplaquolls	PETROLIA (DR)	Typic Fluvaquents
PASQUETTI	Andaqueptic Haplaquolls	PETTIGREW (DR)	Histic Humaquepts
PASQUOTANK (DR)	Typic Haplaquepts	PEWAMO (DR)	Typic Argiaquolls
PATCHIN	Aeric Haplaquepts	PHILBON	Terric Medisaprists
PATTERSON	Aeric Ochraqualfs	PHOENIX	Entic Pelloxererts
PATTON (DR)	Typic Haplaquolls	PIASA	Mollic Natraqualfs
PAULDING	Typic Haplaquepts	PICKFORD	Aeric Haplaquepts
PAULINA	Fluvaquentic Haplaquolls	PICKNEY (DR)	Cumulic Humaquepts
PAWCATUCK	Typic Sulfihemists	PILINE	Aquic Chromoxererts
PAXICO	Aeric Fluvaquents	PILLSBURY (DR)	Aeric Haplaquepts
PAXVILLE (DR)	Typic Umbraquults	PINCONNING (DR)	Mollic Haplaquents
PEACHAM (DR)	Humic Fragiaquepts	PINEDA	Arenic Glossaqualfs
PECKISH	Typic Sulfaquents	PINELLAS	Arenic Ochraqualfs
PEDIGO (FF)	Cumulic Haploxerolls	PINHOOK (DR)	Mollic Ochraqualfs

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
PINNEBOG (DR)	Hemic Medisaprists	POUNCEY	Typic Albaquults
PINONES	Thapto-Histic Tropic Fluvaquents	POVERTY	Typic Haplaquepts
PIOPOLIS (DR)	Typic Fluvaquents	POY (DR)	Typic Haplaquolls
PIT (FF)	Chromic Pelloxererts	POYGAN (DR)	Typic Haplaquolls
PLACEDO	Typic Fluvaquents	PREAKNESS	Typic Humaquepts
PLACID	Typic Humaquepts	PREBISH (DR)	Typic Haplaquolls
PLANK	Typic Glossaqualfs	PROCHASKA (DR)	Fluvaquentic Haplaquolls
PLANKINTON (DR)	Typic Argialbolls	PROVO BAY	Typic Calciaquolls
PLANTATION	Histic Humaquepts	PUERCO	Typic Torrerts
PLATTE	Mollic Fluvaquents	PUGET	Aeric Fluvaquents
PLAYMOOR	Cumulic Haplaquolls	PUNGO (DR)	Typic Medisaprists
PLEASANT (P)	Torrertic Argiustolls	PUNTA	Grossarenic Haplaquods
PLEINE	Histic Humaquepts	PURDY	Typic Ochraquults
PLEVNA	Fluvaquentic Haplaquolls	PUSHMATAHA	Aquic Udifluvents
PLUCK	Typic Fluvaquents	PUTNAM	Mollic Albaqualfs
PLUMMER (DR)	Grossarenic Paleaquults	PYBURN	Typic Umbraquults
POCATY	Typic Sulfihemists	PYWELL	Typic Borosaprists
POCOMOKE	Typic Umbraquults	QUAM (DR)	Cumulic Haplaquolls
POGANEAB	Typic Fluvaquents	QUARLES	Mollic Ochraqualfs
POLAWANA (DR)	Cumulic Humaquepts	QUINN	Typic Ochraqualfs
POMONA	Ultic Haplaquods	QUOSATANA	Fluvaquentic Humaquepts
POMPANO	Typic Psammaquents	RACOMBES	Pachic Argiustolls
PONZER (DR)	Terric Medisaprists	RACOON (DR)	Typic Ochraqualfs
POOLER (DR)	Typic Ochraquults	RAFAEL	Typic Haplaquepts
POPASH	Typic Umbraqualfs	RAFTON	Typic Fluvaquents
POPHERS	Aeric Fluvaquents	RAGSDALE (DR)	Typic Argiaquolls
POPLE	Arenic Glossaqualfs	RAHAL	Arenic Albaqualfs
PORFIRIO	Aquic Calciustolls	RAINS	Typic Paleaquults
PORRETT	Andaqueptic Ochraqualfs	RALSEN	Fluvaquentic Haplaquolls
PORTAGE	Vertic Haplaquolls	RAMELLI (FF)	Typic Haplaquolls
PORTAGEVILLE (DR)	Vertic Haplaquolls	RAMSDELL	Typic Haplaquepts
PORTLAND	Vertic Haplaquepts	RANDALL (DR)	Udic Pellusterts
PORTSMOUTH (DR)	Typic Umbraquults	RANDMAN	Argic Cryaquolls
POTTSBURG	Grossarenic Haplaquods	RANTOUL (DR)	Vertic Haplaquolls
POUJADE	Durixerollic Haplargids	RAPPAHANNOCK	Terric Sulfihemists

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
RAUVILLE	Cumulic Haplaquolls	ROANOKE (DR)	Typic Ochraquults
RAVENDALE	Entic Chromoxererts	ROBERTSVILLE	Typic Fragiaqualfs
RAYLAKE	Aquentic Chromuderts	ROBINSONVILLE (FF)	Typic Udifluvents
RAYNHAM (DR)	Aeric Haplaquepts	ROCKWELL	Typic Calciaquolls
RAYPOL	Aeric Haplaquepts	ROEBUCK (FF)	Vertic Hapludolls
REDCO	Aquentic Chromuderts	ROELLEN	Vertic Haplaquolls
REDDICK (DR)	Typic Haplaquolls	ROEMER	Arenic Ochraqualfs
REDLODGE	Cumulic Cryaquolls	ROETEX	Udertic Haplustolls
REED	Vertic Argiaquolls	ROLFE	Typic Argialbolls
REESVILLE	Aeric Ochraqualfs	ROLISS (DR)	Typic Haplaquolls
REGAL	Typic Haplaquolls	ROMEO	Lithic Haplaquolls
REGAN (DR)	Typic Calciaquolls	ROMNELL	Cumulic Haplaquolls
REMBERT (DR)	Typic Ochraquults	ROMULUS	Udollic Ochraqualfs
RENNIE	Mollic Fluvaquents	RONDEAU (DR)	Limnic Borosaprists
RENSSELAER (DR)	Typic Argiaquolls	ROOT	Mollic Fluvaquents
RENTON	Mollic Fluvaquents	ROPER (DR)	Histic Humaquepts
REPARADA	Tropic Fluvaquents	ROSANE	Typic Cryaquolls
RETROP	Aquic Udifluvents	ROSCOE	Typic Pellusterts
REVERE	Typic Calciaquolls	ROSCOMMON (DR)	Mollic Psammaquents
REXFORD	Aeric Fragiaquepts	ROSE CREEK	Fluvaquentic Haploxerolls
REYES (F)	Sulfic Fluvaquents	ROSEBLOOM	Typic Fluvaquents
RIB (DR)	Mollic Haplaquepts	ROSEDHU (DR)	Typic Haplaquods
RICCO	Fluvaquentic Haplaquolls	ROSELLA	Albic Glossic Natraqualfs
RICEBORO (DR)	Arenic Paleaquults	ROSEWOOD (DR)	Typic Calciaquolls
RIDOTT	Mollic Ochraqualfs	ROSHE SPRINGS	Typic Calciaquolls
RIFLE (DR)	Typic Borohemists	ROUNDABOUT (DR)	Aeric Haplaquepts
RIGOLETTE	Typic Ochraqualfs	ROUNDHEAD (DR)	Histic Humaquepts
RINDGE	Typic Medisaprists	ROUTON	Typic Ochraqualfs
RIO	Typic Argiaquolls	ROWE	Typic Argiaquolls
RIPPOWAM (DR)	Aeric Fluvaquents	ROXANA (FF)	Typic Udifluents
RITA	Typic Fluvaquents	ROXTON	Vertic Haplaquolls
RITZ	Typic Fluvaquents	RUARK	Typic Ochraqualfs
RIVIERA	Arenic Glossaqualfs	RUBIO	Mollic Albaqualfs
RIVRA (FF)	Ustic Torrifluvents	RUMNEY	Aeric Fluvaquents
RIZ	Typic Natrixeralfs	RUNEBERG (DR)	Typic Haplaquolls

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
RUSCO (P)	Aquic Argiustolls	SARPY	Typic Udipsamments
RUSE	Lithic Haplaquepts	SATILLA	Thapto-Histic Fluvaquents
RUSHMORE (DR)	Typic Haplaquolls	SAUCEL	Typic Salorthids
RUSHVILLE	Typic Albaqualfs	SAUGATUCK (DR)	Aeric Haplaquods
RUTLEGE (DR)	Typic Humaquepts	SAULICH	Histic Pergelic Cryaquepts
RYAN	Typic Natraquolls	SAUNDERS	Aeric Calciaquolls
SABLE (DR)	Typic Haplaquolls	SAUVIE	Fluvaquentic Haplaquolls
SACO	Fluvaquentic Haplaquolls	SAWATCH	Histic Haplaquolls
SACRAMENTO (FF)	Vertic Haplaquolls	SAWMILL (DR)	Cumulic Haplaquolls
SAGANING (DR)	Aeric Haplaquepts	SAWTELPEAK	Typic Cryaquolls
SAGE	Typic Fluvaquents	SAYERS (FF)	Typic Ustifluvents
SAGO (DR)	Histic Humaquepts	SCANTIC (DR)	Typic Haplaquepts
SALADAR	Fluvaquentic Troposaprists	SCARBORO	Histic Humaquepts
SALADON	Typic Cryaquolls	SCATLAKE	Typic Hydraquents
SALAMATOF	Spagnic Borofibrists	SCHERRARD	Natric Duraquolls
SALERNO	Grossarenic Haplaquods	SCHOOLEY	Andaqueptic Fluvaquents
SALINAS (FF)	Pachic Haploxerolls	SCHRADER	Cumulic Haplaquolls
SALMO	Cumulic Haplaquolls	SCITICO	Typic Haplaquepts
SALT LAKE	Typic Calciaquolls	SCOGGIN	Typic Ochraquults
SALTAIR	Typic Salorthids	SCOTT (DR)	Typic Argialbolls
SALTERY	Fluvaquentic Cryofibrists	SCUPPERNONG (DR)	Terric Medisaprists
SALTESE	Typic Medisaprists	SEARSPORT	Typic Psammaquents
SALZER	Vertic Haplaquepts	SEASTRAND	Terric Medihemists
SAMBA	Typic Umbraqualfs	SEATTLE	Typic Medihemists
SAMISH	Typic Fluvaquents	SEBAGO	Fibric Borohemists
SAMMAMISH	Fluvaquentic Humaquepts	SEBEWA (DR)	Typic Argiaquolls
SAMPSEL	Typic Argiaquolls	SEBRING	Typic Ochraqualfs
SAMSULA (DR)	Terric Medisaprists	SEELYEVILLE (DR)	Typic Borosaprists
SANDUSKY	Fluvaquentic Haplaquolls	SEGIDAL	Typic Sideraquods
SANIBEL (DR)	Typic Psammaquents	SEJITA	Typic Salorthids
SANTANELA	Typic Natraqualfs	SEKIU	Humic Haplaquepts
SANTAROSA (F)	Typic Haplaquolls	SELLERS	Cumulic Humaquepts
SANTEE (DR)	Typic Argiaquolls	SELMA (DR)	Typic Haplaquolls
SAPELO	Ultic Haplaquods	SEMIAHMOO	Typic Medisaprists
SARANAC (DR)	Fluvaquentic Haplaquolls	SESSUM	Vertic Ochraqualfs

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
SETTLEMENT	Aeric Halaquepts	SNIDER	Aquic Hapludolls
SETTLEMEYER	Fluvaquentic Haplaquolls	SNOHOMISH	Thapto-Histic Fluvaquents
SEVERN (FF)	Typic Udifluvents	SOLIER	Aeric Haplaquepts
SEXTON	Typic Ochraqualfs	SOLOMON	Vertic Haplaquolls
SHAKER	Aeric Haplaquepts	SONOMA	Aeric Fluvaquents
SHAKOPEE	Typic Calciaquolls	SORTER	Typic Ochraqualfs
SHALBA	Typic Albaqualfs	SOSTIEN	Vertic Fluvaquents
SHALCAR	Terric Medisaprists	SOUTHAM	Cumulic Haplaquolls
SHANDEP (DR)	Cumulic Haplaquolls	SPALDING	Typic Borohemists
SHANGHAI (FF)	Aquic Xerofluvents	SPENARD (DR)	Sideric Cryaquods
SHARKEY	Vertic Haplaquepts	SPERRY	Typic Argialbolls
SHEFFIELD	Typic Fragiaqualfs	SPICER (DR)	Typic Haplaquolls
SHELMADINE	Typic Fragiaquults	SPOONER (DR)	Typic Ochraqualfs
SHENKS	Terric Medisaprists	SPRINGFIELD	Aeric Albaqualfs
SHERRY (DR)	Udollic Ochraqualfs	ST. JOHNS	Typic Haplaquods
SHILOH (DR)	Cumulic Haplaquolls	ST. NICHOLAS	Lithic Cryaquods
SHIMA	Terric Medisaprists	STAMP	Typic Cryochrepts
SHINKEE	Terric Medisaprists	STANEY	Fluvaquentic Cryofibrists
SHONKIN	Typic Haplustalfs	STAPLES	Arenic Ochraqualfs
SHOOKER (DR)	Typic Ochraqualfs	STARICHKOF	Fluvaquentic Borohemists
SHREWSBURY (DR)	Typic Ochraquults	STATELINE	Mollic Ochraqualfs
SHUMWAY	Vertic Haplaquepts	STAVE	Typic Cryaquents
SICKLES (DR)	Mollic Haplaquents	STEED	Entic Haploxerolls
SIKESTON	Cumulic Haplaquolls	STENDAL	Aeric Fluvaquents
SILVIES	Cumulic Cryaquolls	STERRETT	Aeric Ochraqualfs
SIMS (DR)	Mollic Haplaquepts	STIMSON	Typic Humaquepts
SKAGIT	Typic Fluvaquents	STIRUM (DR)	Typic Natraquolls
SKAGWAY	Typic Cryopsamments	STOCKADE	Typic Umbraqualfs
SKOKOMISH	Mollic Fluvaquents	STONO (DR)	Typic Argiaquolls
SLIKOK	Histic Cryaquepts	STRANDQUIST	Typic Haplaquolls
SLOAN	Fluvaquentic Haplaquolls	STREATOR (DR)	Typic Haplaquolls
SMILEY (DR)	Typic Argiaquolls	STROM	Pachic Argixerolls
SMILEYVILLE	Mollic Albaqualfs	STUMPP	Natric Cryoborolls
SMITHTON	Typic Paleaquults	STURGILL	Fluvaquentic Haplaquolls
SMYRNA	Aeric Haplaquods	SUCARNOOCHEE (FF)	Aquentic Chromuderts

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
SUISUN	Typic Medihemists	TAWCAW (FF)	Fluvaquentic Dystrochrepts
SUMAN (DR)	Fluvaquentic Haplaquolls	TEALWHIT	Aeric Haplaquepts
SUMAS	Typic Fluvaquents	TEETERS	Mollic Halaquepts
SUMPF (DR)	Cumulic Haplaquolls	TELA (FF)	Typic Argiustolls
SUN	Aeric Haplaquepts	TELFERNER	Typic Albaqualfs
SUNNYHAY	Lithic Cryosaprists	TEMPLE (FF)	Aeric Haplaquepts
SURFSIDE	Vertic Haplaquolls	TENDOY	Typic Borosaprists
SURRENCY	Arenic Umbric Paleaquults	TENSAS (FF)	Aeric Ochraqualfs
SUSANNA	Ultic Haplaquods	TEPETE	Terric Borohemists
SWALER	Xerollic Paleargids	TEQUESTA	Arenic Glossaqualfs
SWAN	Typic Haplaquolls	TERMO	Xerollic Paleargids
SWANSEA	Terric Medisaprists	TEROUGE	Aquic Chromuderts
SWANTON (DR)	Aeric Haplaquepts	TERRA CEIA (DR)	Typic Medisaprists
SWANVILLE (DR)	Aeric Haplaquepts	TETONKA (DR)	Argiaquic Argialbolls
SWARTZ	Typic Palexeralfs	TETONVIEW (DR)	Typic Calciaquolls
SWEETWATER	Fluvaquentic Haplaquolls	TETONVILLE	Mollic Cryofluvents
SYCAMORE (FF)	Aeric Haplaquepts	TEXARK	Typic Pelluderts
SYRENE	Typic Calciaquolls	THIEFRIVER (DR)	Typic Calciaquolls
TACOMA	Andaqueptic Fluvaquents	THOMAS (DR)	Histic Humaquepts
TACOOSH (DR)	Terric Borohemists	THORNDALE	Typic Fragiaqualfs
TAINTOR	Typic Argiaquolls	THORNTON	Aquic Xerorthents
TALCO	Aeric Glossaqualfs	THORP (DR)	Argiaquic Argialbolls
TALCOT (DR)	Typic Haplaquolls	TIBURONES	Typic Troposaprists
TALMOON (DR)	Mollic Ochraqualfs	TICE (FF)	Fluvaquentic Hapludolls
TALQUIN	Entic Haplaquods	TICHNOR	Typic Ochraqualfs
TAMBA	Typic Haplaquepts	TIFFANY (DR)	Typic Haplaquolls
TANAK		TILFER	Typic Haplaquolls
TANANA	Pergelic Cryaquepts	TIMBALIER	Typic Medisaprists
TANDY	Aquic Udifluvents	TINN	Vertic Haplaquolls
TANTILE	Ultic Haplaquods	TIOCANO (DR)	Udic Pellusterts
TANWAX	Mollic Fluvaquents	TISCH	Mollic Andaquepts
TAPPAN (DR)	Typic Haplaquolls	TISONIA	Typic Sulfihemists
TATLUM	Typic Hydraquents	TITUS	Fluvaquentic Haplaquolls
TATTON	Typic Psammaquents	TOBICO (DR)	Mollic Psammaquents
TAWAS (DR)	Terric Borosaprists	TOCOI	Ultic Haplaquods

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
TODDSTAV	Typic Ochraquults	TUCKER (FF)	Cumulic Haploxerolls
TOGUS	Terric Borofibrists	TUCKERMAN	Typic Ochraqualfs
TOINE (FF)	Ultic Hapludalfs	TUGHILL	Histic Humaquepts
TOISNOT (DR)	Typic Fragiaquults	TUKWILA	Limnic Medisaprists
TOLEDO	Mollic Haplaquepts	TULELAKE (F)	Aeric Fluvaquents
TOLSONA	Histic Pergelic Cryaquepts	TULLAHASSEE (FF)	Aquic Udifluvents
TOMAST	Aeric Paleaquults	TUNICA (FF)	Vertic Haplaquepts
TOMOKA	Terric Medisaprists	TUPUKNUK	Pergelic Cryaquepts
TOMOTLEY (DR)	Typic Ochraquults	TURLOCK	Albic Natraqualfs
TONKA (DR)	Argiaquic Argialbolls	TURNBULL	Typic Hydraquents
TONKEY (DR)	Mollic Haplaquepts	TUSCAWILLA	Typic Ochraqualfs
TOOLES	Arenic Albaqualfs	TUSCUMBIA	Vertic Haplaquepts
TOOLESBORO	Typic Haplaquolls	TUSKEEGO	Mollic Ochraqualfs
TOPPENISH	Fluvaquentic Haplaquolls	TWEBA	Aeric Fluvaquents
TOR	Lithic Haplaquepts	TWIG (DR)	Histic Humaquepts
TORHUNTA (DR)	Typic Humaquepts	TWOMILE	Typic Albaqualfs
TORPEDO LAKE	Histic Cryaquepts	TYNDALL (FF)	Aeric Haplaquepts
TORRY	Typic Medisaprists	TYONEK	Fluvaquentic Borosaprists
TORSIDO	Typic Argiaquolls	UDOLPHO (DR)	Mollic Ochraqualfs
TOTO (DR)	Limnic Medisaprists	UGAK	Andic Cryaquepts
TOTTEN (DR)	Typic Natraquolls	UMBERLAND (F,P)	Aeric Halaquepts
TOWHEE	Typic Fragiaqualfs	UMIAT	Pergelic Cryaquepts
TOXAWAY (DR)	Cumulic Humaquepts	UNA	Typic Haplaquepts
TRACK	Fluvaquentic Haplaquolls	UNAKWIK	Terric Cryohemists
TRACOSA	Typic Haplaquents	UNCAS	Mollic Andaquepts
TRAER	Typic Ochraqualfs	URBO (FF)	Aeric Haplaquepts
TREATY (DR)	Typic Argiaquolls	URICH	Typic Argiaquolls
TREBLOC	Typic Paleaquults	URNESS (DR)	Mollic Fluvaquents
TRIANGLE	Aquic Chromoxererts	UTABA	Cumulic Haploxerolls
TRINITY	Typic Pelluderts	UTE	Argic Cryaquolls
TROSKY (DR)	Typic Haplaquolls	VACHERIE (FF)	Aeric Fluvaquents
TRUMBULL	Typic Ochraqualfs	VALDEZ (FF)	Aeric Haplaquepts
TRUSSEL	Aeric Fragiaquepts	VALKARIA	Spodic Psammaquents
TRYON	Typic Psammaquents	VALLERS (DR)	Typic Calciaquolls
TSIRKU	Typic Cryofluvents	VAMONT	Aquentic Chromuderts

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
VARICK	Mollic Ochraqualfs	WADMALAW (DR)	Umbric Ochraqualfs
VASSALBORO	Typic Borofibrists	WAGNER (DR)	Mollic Albaqualfs
VASTINE	Typic Haplaquolls	WAKELAND (FF)	Aeric Fluvaquents
VAUGHAN	Typic Albaqualfs	WALDEN (FF)	Typic Cryaquolls
VEAZIE	Cumulic Haploxerolls	WALDO	Fluvaquentic Haplaquolls
VEEDUM (DR)	Typic Humaquepts	WALDORF	Typic Haplaquolls
VELASCO	Cumulic Haplaquolls	WALFORD	Mollic Ochraqualfs
VENABLE	Cumulic Cryaquolls	WALLER	Typic Glossaqualfs
VENAPASS	Cumulic Cryaquolls	WALLKILL (DR)	Thapto Histic Fluvaquents
VENICE	Typic Medihemists	WALPOLE	Aeric Haplaquepts
VENLO (DR)	Typic Haplaquolls	WAMBA	Typic Haplaquolls
VERBOORT	Typic Argialbolls	WANSER	Typic Psammaquents
VERENDRYE	Typic Haplaquolls	WAPATO	Fluvaquentic Haplaquolls
VERHALEN	Mollic Torrerts	WARDELL (DR)	Mollic Ochraqualfs
VERO	Alfic Haplaquods	WAREHAM	Humaqueptic Psammaquents
VESPER (DR)	Humic Haplaquepts	WARM SPRINGS	Aeric Calciaquolls
VESTABURG (DR)	Mollic Psammaquents	WARMAN (DR)	Histic Humaquepts
VESTON	Typic Fluvaquents	WARNERS (DR)	Fluvaquentic Haplaquolls
VICTORIA (P)	Udic Pellusterts	WARRENTON	Typic Tropaquepts
VIDAURI	Vertic Albaqualfs	WASDA (DR)	Histic Humaquepts
VIGIA	Histic Tropaquepts	WASHBURN (P)	
VIKING	Typic Haplaquolls	WASHTENAW (DR)	Aeric Fluvaquents
VILLY	Typic Fluvaquents	WASILLA	Humic Cryaquepts
VIMVILLE	Typic Glossaqualfs	WASKISH	Typic Sphagnofibrists
VINCENNES	Typic Haplaquepts	WATCHUNG	Typic Ochraqualfs
VIRDEN (DR)	Typic Argiaquolls	WAUBERG	Arenic Albaqualfs
VOATS (FF)	Fluventic Haploxerolls	WAUCEDAH	Histic Humaquepts
VOLTA	Typic Natraqualfs	WAUCHULA	Ultic Haplaquods
VOLTAIRE	Fluvaquentic Haplaquolls	WAUPACA (DR)	Mollic Fluvaquents
WABASH	Vertic Haplaquolls	WAUSEON (DR)	Typic Haplaquolls
WABASHA	Mollic Fluvaquents	WAUTOMA (DR)	Mollic Haplaquents
WABASSO	Alfic Haplaquods	WAVELAND	Arenic Haplaquods
WACAHOOTA	Arenic Paleaquults	WAVERLY	Typic Fluvaquents
WACOUSTA (DR)	Typic Haplaquolls	WAXPOOL	Albaquic Hapludalfs
WADLEIGH	Typic Cryaquods	WAYLAND (DR)	Mollic Fluvaquents

(Continued)

Table D1 (Continued)

Soil Phase	Classification	Soil Phase	Classification
WEBILE	Terric Medisaprists	WILLETTE (DR)	Terric Medisaprists
WEBSTER	Typic Haplaquolls	WILLIMAN	Arenic Ochraquults
WEEKIWACHEE	Typic Sulfihemists	WILLOWS	Typic Pelloxererts
WEEKSVILLE (DR)	Typic Humaquepts	WILLWOOD	Typic Torriorthents
WEHADKEE (DR)	Typic Fluvaquents	WILMINGTON	Typic Haplaquods
WEIMER	Typic Pelloxererts	WILSON	Vertic Ochraqualfs
WEIR (DR)	Typic Ochraqualfs	WINDER	Typic Glossaqualfs
WEIRMAN (FF)	Torrifluventic Haploxerolls	WINGER	Typic Calciaquolls
WELCH	Cumulic Haplaquolls	WINGINAW (DR)	Terric Borofibrists
WELSUM	Cumulic Haplaquolls	WINLO	Typic Duraquolls
WENAS	Cumulic Haplaquolls	WINTERSET	Typic Argiaquolls
WENDANE	Aeric Halaquepts	WISNER (DR)	Typic Haplaquolls
WESCONNETT	Typic Haplaquods	WITBECK	Mollic Haplaquepts
WESTBROOK	Typic Sulfihemists	WOCKLEY	Plinthaquic Paleudalfs
WESTLAND (DR)	Typic Argiaquolls	WOLCOTT	Typic Haplaquolls
WESTON	Typic Ochraquults	WOLDALE	Typic Haplaquolls
WESTWEGO	Thapto-Histic Fluvaquents	WOLFESON	Aquic Xerochrepts
WETZEL	Typic Ochraqualfs	WOLLENT	Typic Humaquepts
WEYERS	Fluvaquentic Haplaquolls	WOODINGTON (DR)	Typic Paleaquults
WHATELY	Mollic Haplaquepts	WOODINVILLE	Typic Fluvaquents
WHEATLEY (DR)	Mollic Psammaquents	WOODLYN	Typic Ochraqualfs
WHITEHORN	Typic Humaquepts	WOODS CROSS	Cumulic Haplaquolls
WHITESON	Fluvaquentic Haplaquolls	WOOFUS	Fluvaquentic Haplaquolls
WHITEWOOD (DR)	Cumulic Haplaquolls	WORSHAM	Typic Ochraquults
WHITMAN	Typic Humaquepts	WORTHING (DR)	Typic Argiaquolls
WHITSON	Typic Ochraqualfs	WRANGELL	Pergelic Cryohemists
WICHUP (FF)	Histic Cryaquolls	WRENCOE	Typic Haplaquolls
WIERGATE	Typic Pelluderts	WRIGHTSVILLE	Typic Glossaqualfs
WILBANKS (DR)	Cumulic Humaquepts	WULFERT	Terric Sulfihemists
WILBRAHAM	Aquic Dystrochrepts	WYALUSING	Typic Fluvaquents
WILDWOOD (DR)	Histic Humaquepts	WYANDOTTE (DR)	Typic Calciaquolls
WILHITE	Typic Fluvaquents	WYARD	Typic Haplaquolls
WILL (DR)	Typic Haplaquolls	WYICK	Typic Albaqualfs
WILLAMAR	Typic Natraqualfs	WYNONA	Cumulic Haplaquolls
WILLANCH	Aeric Tropaquepts	WYNOOSE	Typic Albaqualfs

(Continued)

Table D1 (Concluded)

Soil Phase	Classification	Soil Phase	Classification
WYSOCKING (DR)	Thapto-Histic Fluvaquents	ZADOG (DR)	Typic Haplaquolls
XIPE	Fluvaquentic Haplaquolls	ZEPHYR	Typic Ochraquults
YAKIMA	Cumulic Haploxerolls	ZIEGENFUSS (DR)	Mollic Haplaquepts
YAMSAY	Limnic Borosaprists	ZILABOY	Aquic Chromuderts
YAQUINA	Aquic Haplorthids	ZILLAH	Fluvaquentic Haplaquolls
YOBE	Aeric Halaquepts	ZIPP	Typic Halaquepts
YONGES (DR)	Typic Ochraqualfs	ZOE	Cumulic Haplaquolls
YORKTOWN	Typic Fluvaquents	ZOHNER	Calcic Cryaquolls
YOST	Typic Pelloxererts	ZOLA (FF)	Cumulic Haploxerolls
YUKON	Histic Pergelic Cryaquepts	ZOOK	Cumulic Haplaquolls
YULEE	Typic Haplaquolls	ZUMAN	Typic Haplaquents
YUVAS	Abruptic Durixeralfs	ZWINGLE	Typic Albaqualfs
ZACHARY	Typic Albaqualfs	ZYZZUG	Typic Humaquepts