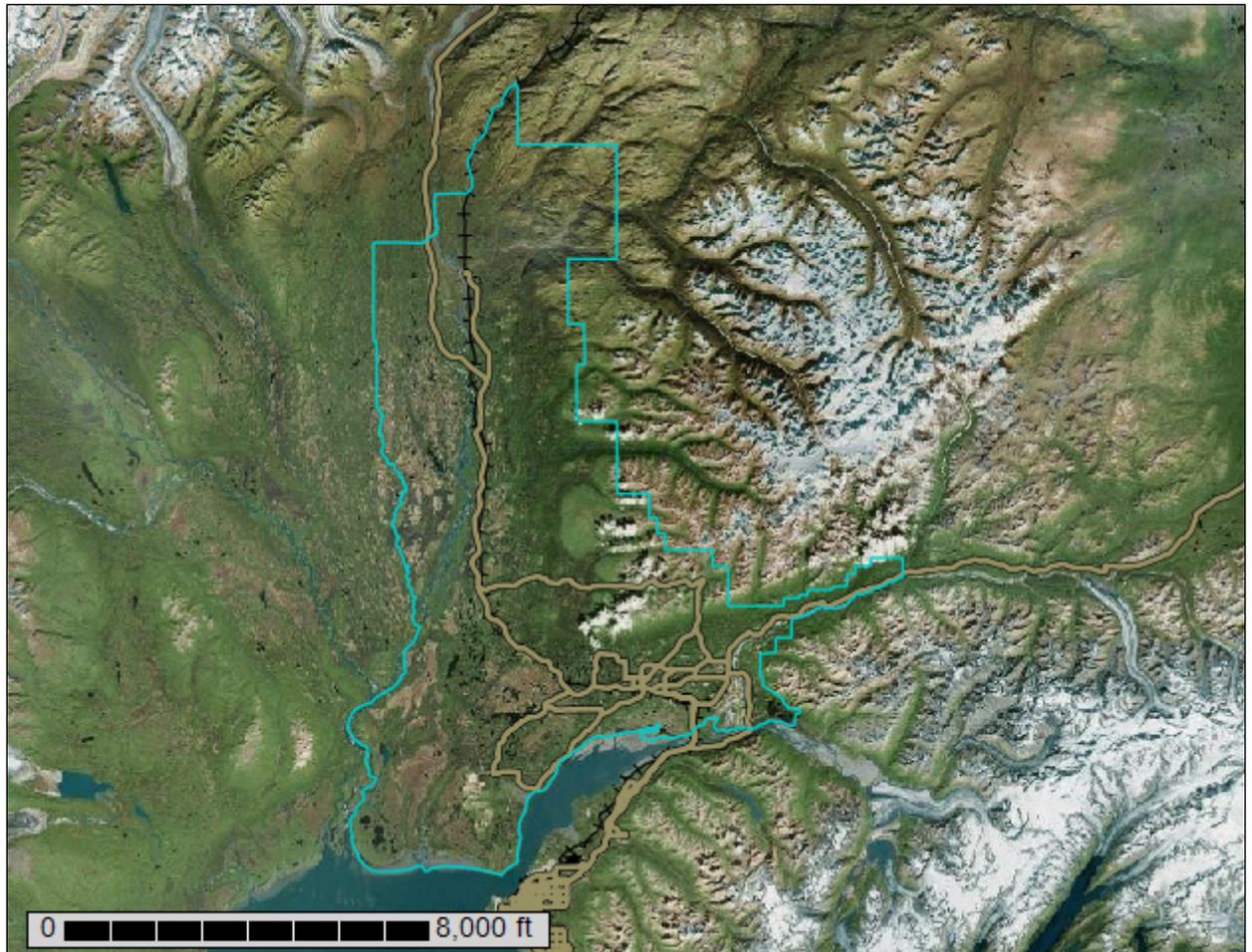


Custom Soil Resource Report for Matanuska-Susitna Valley Area, Alaska



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<http://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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Soil Information for All Uses

Soil Reports

The Soil Reports section includes various formatted tabular and narrative reports (tables) containing data for each selected soil map unit and each component of each unit. No aggregation of data has occurred as is done in reports in the Soil Properties and Qualities and Suitabilities and Limitations sections.

The reports contain soil interpretive information as well as basic soil properties and qualities. A description of each report (table) is included.

Land Classifications

This folder contains a collection of tabular reports that present a variety of soil groupings. The reports (tables) include all selected map units and components for each map unit. Land classifications are specified land use and management groupings that are assigned to soil areas because combinations of soil have similar behavior for specified practices. Most are based on soil properties and other factors that directly influence the specific use of the soil. Example classifications include ecological site classification, farmland classification, irrigated and nonirrigated land capability classification, and hydric rating.

Hydric Soil List - All Components (MatSU)

This table lists the map unit components and their hydric status in the survey area. This list can help in planning land uses; however, onsite investigation is recommended to determine the hydric soils on a specific site (National Research Council, 1995; Hurt and others, 2002).

The three essential characteristics of wetlands are hydrophytic vegetation, hydric soils, and wetland hydrology (Cowardin and others, 1979; U.S. Army Corps of Engineers, 1987; National Research Council, 1995; Tiner, 1985). Criteria for all of the characteristics must be met for areas to be identified as wetlands. Undrained hydric soils that have natural vegetation should support a dominant population of ecological wetland plant species. Hydric soils that have been converted to other uses should be capable of being restored to wetlands.

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part

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(Federal Register, 1994). These soils, under natural conditions, are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

The NTCHS definition identifies general soil properties that are associated with wetness. In order to determine whether a specific soil is a hydric soil or nonhydric soil, however, more specific information, such as information about the depth and duration of the water table, is needed. Thus, criteria that identify those estimated soil properties unique to hydric soils have been established (Federal Register, 2002). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria used are selected estimated soil properties that are described in "Soil Taxonomy" (Soil Survey Staff, 1999) and "Keys to Soil Taxonomy" (Soil Survey Staff, 2006) and in the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

If soils are wet enough for a long enough period of time to be considered hydric, they should exhibit certain properties that can be easily observed in the field. These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Hurt and Vasilas, 2006).

Hydric soils are identified by examining and describing the soil to a depth of about 20 inches. This depth may be greater if determination of an appropriate indicator so requires. It is always recommended that soils be excavated and described to the depth necessary for an understanding of the redoximorphic processes. Then, using the completed soil descriptions, soil scientists can compare the soil features required by each indicator and specify which indicators have been matched with the conditions observed in the soil. The soil can be identified as a hydric soil if at least one of the approved indicators is present.

Map units that are dominantly made up of hydric soils may have small areas, or inclusions, of nonhydric soils in the higher positions on the landform, and map units dominantly made up of nonhydric soils may have inclusions of hydric soils in the lower positions on the landform.

The criteria for hydric soils are represented by codes in the table (for example, 2). Definitions for the codes are as follows:

1. All Histels except for Folistels, and Histosols except for Folists.
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
3. Soils that are frequently ponded for long or very long duration during the growing season.
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
4. Map unit components that are frequently flooded for long duration or very long duration during the growing season that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;

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Hydric Condition: Food Security Act information regarding the ability to grow a commodity crop without removing woody vegetation or manipulating hydrology.

References:

- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. Doc. 2012-4733 Filed 2-28-12. February, 28, 2012. Hydric soils of the United States.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18.
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service. U.S. Department of Agriculture Handbook 436.
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service.
- Vasilas, L.M., G.W. Hurt, and C.V. Noble, editors. Version 7.0, 2010. Field indicators of hydric soils in the United States.

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Report—Hydric Soil List - All Components (MatSU)

Hydric Soil List - All Components—AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
101: Benka silt loam, 0 to 3 percent slopes	Benka	90	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Flat Horn soils	2	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Kichatna soils	1	Outwash plains	No	—
102: Benka silt loam, sloping and moderately steep	Benka-Sloping	60	Ridges,hills	No	—
	Benka-Moderately steep	30	Hills	No	—
	Steeper soils	3	Hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Delyndia soils	2	Hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Flat Horn soils	1	Hills	No	—
103: Benka silt loam, undulating	Benka	90	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Kichatna soils	2	Outwash plains	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Flat Horn soils	1	Outwash plains	No	—
104: Benka-Liten complex, nearly level and moderately steep	Benka	65	Outwash plains	No	—
	Liten	25	Hills	No	—
	Wet soils in depressions	5	Depressions	Yes	2
	Steeper soils	5	Hills	No	—
105: Bodenburg silt loam, 0 to 3 percent slopes	Bodenburg	90	Plains	No	—
	Steeper soils	5	Plains	No	—
	Yensus	3	Outwash plains	No	—
	Temporarily ponded soils	2	Depressions	No	—

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Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
106: Bodenburg silt loam, sloping and moderately steep	Bodenburg-Sloping	60	Plains,ridges,hills	No	—
	Bodenburg-Moderately steep	30	Ridges,hills	No	—
	Steeper soils	5	Ridges,hills	No	—
	Yensus	3	Outwash plains	No	—
	Temporarily ponded soils	2	Depressions	No	—
107: Bodenburg silt loam, steep and sloping	Bodenburg-Steep	65	Ridges,hills	No	—
	Bodenburg-Sloping	25	Ridges,hills	No	—
	Steeper soils	5	Ridges,hills	No	—
	Yensus	3	Hills	No	—
	Temporarily ponded soils	2	Depressions	No	—
108: Bodenburg silt loam, undulating	Bodenburg	90	Plains	No	—
	Steeper soils	5	Ridges,hills	No	—
	Yensus	3	Outwash plains	No	—
	Temporarily ponded soils	2	Depressions	No	—
109: Bodenburg silt loam, silty substratum, 0 to 3 percent slopes	Bodenburg-Silty	90	Stream terraces,outwash plains	No	—
	Steeper soils	5	Stream terraces,outwash plains	No	—
	Yensus	3	Outwash plains	No	—
	Temporarily ponded soils	2	Depressions	No	—
110: Bodenburg silt loam, silty substratum, sloping and moderately steep	Bodenburg-Silty, sloping	60	Ridges,hills	No	—
	Bodenburg-Silty, moderately steep	30	Ridges,hills	No	—
	Steeper soils	5	Ridges,hills	No	—
	Yensus	3	Hills	No	—
	Temporarily ponded soils	2	Depressions	No	—
111: Bodenburg silt loam, silty substratum, undulating	Bodenburg-Silty	85	Ridges,outwash plains	No	—
	Steeper soils	5	Ridges,hills	No	—
	Yensus	3	Outwash plains	No	—
	Temporarily ponded soils	2	Depressions	No	—

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Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
112: Bodenburg-Jim complex, steep and sloping	Bodenburg-Steep	50	Hills,mountains	No	—
	Bodenburg-Sloping	20	Hills,mountains	No	—
	Jim	20	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Eska soils	1	Hills	No	—
	Rock outcrop	1	Hills	Unranked	—
	Yensus	1	Hills	No	—
113: Chilligan, hilly-Cryaquepts complex	Chilligan	60	Hills	No	—
	Cryaquepts	30	Depressions	Yes	2
	Steeper soils	3	Hills	No	—
	Estelle soils	2	Hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
114: Chilligan, undulating-Cryaquepts complex	Chilligan	55	Lake plains	No	—
	Cryaquepts	35	Depressions on lake plains	Yes	2
	Steeper soils	5	Lake plains	No	—
	Histosol soils in depressions	3	Depressions	Yes	1
	Estelle soils	2	Plains	No	—
115: Chunilna mucky silt loam, cool, 5 to 20 percent slopes	Chunilna-Cool	90	Mountains	Yes	2
	Talkeetna-Warm	4	Mountains	No	—
	Shallow soils over bedrock	3	Mountains	No	—
	Steeper soils	3	Mountains	No	—
116: Cryaquepts, depressional, 0 to 7 percent slopes	Cryaquepts-Depressional	90	Depressions on till plains,depressions on hills,depressions on outwash plains	Yes	2
	Steeper soils	5	Depressions	No	—
	Well drained soils	5	Outwash plains	No	—
117: Cryods, 35 to 90 percent slopes	Cryods	90	Mountains	No	—
	Shallow soils over bedrock	5	Mountains	No	—

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Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Steeper soils	3	Mountains	No	—
	Rock outcrop	2	Mountains	Unranked	—
118: Cryods, cool-Niklason, moderately wet-Qeni complex, 0 to 15 percent slopes	Cryods-Cool	50	Alluvial fans,stream terraces	No	—
	Niklason-Moderately wet	20	Flood plains,stream terraces	No	—
	Qeni	20	Stream terraces	No	—
	Cryaquept soils in depressions	5	Depressions	Yes	2
	Steeper soils	2	Mountains	No	—
	Frequently flooded soils	2	Flood plains	Yes	4
119: Cryods and Cryaquepts, cool, 0 to 35 percent slopes	Cryods	45	Mountains	No	—
	Cryaquepts-Cool	45	Depressions on mountains	Yes	2
	Histosol soils in depressions	5	Depressions	Yes	1
	Talkeetna-Cool	3	Mountains	No	—
	Steeper soils	2	Mountains	No	—
120: Cryods, low elevation, and Cryochrepts, 30 to 70 percent slopes	Cryods-Low elevation	45	Escarments	No	—
	Cryochrepts	45	Escarments	No	—
	Cryaquept soils on toeslopes	3	Hills	Yes	2
	Slumps and nonvegetated slopes	3	Escarments	Unranked	—
	Rock outcrop	1	Mountains	Unranked	—
121: Cryods, shallow, 35 to 90 percent slopes	Cryods	90	Mountains	No	—
	Very shallow soils over bedrock	5	Mountains	No	—
	Lesser sloping soils	3	Mountains	No	—
	Rock outcrop	2	Mountains	Unranked	—
122: Deception silt loam, rolling	Deception	90	Till plains	No	—
	Steeper soils	3	Till plains	No	—
	Kichatna soils	3	Till plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1

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Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
123: Deception silt loam, sloping and moderately steep	Deception-Sloping	60	Ridges,hills	No	—
	Deception-Moderately steep	30	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Kichatna soils	2	Hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface stones	1	Hills	Unranked	—
124: Deception silt loam, steep and sloping	Deception-Steep	70	Ridges,hills	No	—
	Deception-Sloping	20	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Kichatna soils	2	Hills	No	—
125: Deception silt loam, undulating	Deception	90	Till plains	No	—
	Steeper soils	3	Till plains	No	—
	Kichatna soils	3	Till plains	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Cryaquept soils in depressions	2	Depressions	Yes	2
126: Delyndia silt loam, 0 to 5 percent slopes	Delyndia	90	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Kichatna soils	2	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Deception soils	1	Outwash plains	No	—
127: Delyndia-Histosols complex, 0 to 3 percent slopes	Delyndia	50	Outwash plains	No	—
	Histosols	40	Depressions	Yes	1
	Cryaquept soils in depressions	5	Depressions	Yes	2
	Steeper soils	3	Outwash plains	No	—
	Kichatna soils	2	Outwash plains	No	—

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Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
128: Disappoint very cobbly mucky silt loam, 0 to 12 percent	Disappoint	90	Depressions on hills	Yes	2
	Steeper soils	3	Depressions on hills	Yes	2
	Histosol soils in depressions	3	Depressions	Yes	1
	Well drained soils	2	Hills	No	—
129: Eska silt loam, sloping and moderately steep	Eska-Sloping	65	Ridges,hills	No	—
	Eska-Moderately steep	25	Ridges,hills	No	—
	Steeper soils	5	Ridges,hills	No	—
	Kalambach	3	Plains	No	—
	Disappoint soils	2	Depressions on hills	Yes	2
130: Eska-Jim complex, sloping and moderately steep	Eska-Sloping	40	Ridges,hills	No	—
	Jim	25	Hills	No	—
	Eska-Moderately steep	25	Ridges,hills	No	—
	Steeper soils	3	Hills	No	—
	Cryaquept soils in depressions	3	Depressions	Yes	2
	Deception soils	2	Hills	No	—
131: Estelle silt loam, rolling	Rock outcrop	2	Hills	Unranked	—
	Estelle	90	Till plains	No	—
	Steeper soils	3	Till plains	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Disappoint soils	2	Depressions on hills	Yes	2
	Deception soils	2	Till plains	No	—
	Occasional surface boulders	1	Till plains	Unranked	—
132: Estelle silt loam, sloping and moderately steep	Estelle-Sloping	60	Ridges,hills	No	—
	Estelle-Moderately steep	30	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Disappoint soils	2	Depressions on hills	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Till plains	Unranked	—
133: Estelle silt loam, steep and sloping	Deception soils	1	Till plains	No	—
	Estelle-Steep	60	Ridges,hills	No	—
	Estelle-Sloping	25	Ridges,hills	No	—

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Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Steeper soils	3	Ridges,hills	No	—
	Deception soils	3	Hills	No	—
	Disappoint soils	2	Depressions on hills	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Hills	Unranked	—
134: Estelle silt loam, undulating	Estelle	90	Till plains	No	—
	Disappoint soils	5	Depressions on hills	Yes	2
	Deception soils	2	Till plains	No	—
	Steeper soils	1	Till plains	No	—
	Histosol soils in depressions	1	Depressions	Yes	1
	Occasional surface boulders	1	Till plains	Unranked	—
135: Estelle, hilly-Disappoint complex	Estelle	65	Hills	No	—
	Disappoint	25	Depressions on hills	Yes	2
	Steeper soils	3	Hills	No	—
	Histosol soils in depressions	3	Depressions	Yes	1
	Deception soils	2	Hills	No	—
	Occasional surface boulders	1	Hills	Unranked	—
136: Estelle, undulating-Disappoint complex	Estelle	60	Till plains	No	—
	Disappoint	30	Depressions on hills	Yes	2
	Steeper soils	3	Till plains	No	—
	Histosol soils in depressions	3	Depressions	Yes	1
	Deception soils	2	Till plains	No	—
	Occasional surface boulders	1	Till plains	Unranked	—
137: Flat Horn silt loam, 0 to 5 percent slopes	Flat Horn	90	Outwash plains	No	—
	Estelle soils	3	Outwash plains	No	—
	Steeper soils	3	Hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Cryaquept soils in depressions	2	Depressions	Yes	2
138: Flat Horn silt loam, rolling	Flat Horn	90	Hills,outwash plains	No	—
	Steeper soils	5	Hills,outwash plains	No	—

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Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Estelle soils	2	Outwash plains	No	—
	Kichatna soils	1	Hills	No	—
139: Flat Horn silt loam, sloping and moderately steep	Flat Horn-Sloping	60	Ridges,hills	No	—
	Flat Horn-Moderately steep	30	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Kashwitna soils	2	Hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
140: Goldcord-Tsadaka complex, 0 to 30 percent slopes	Goldcord	50	Mountains	No	—
	Tsadaka	40	Mountains	No	—
	Wet soils in depressions	5	Depressions	Yes	2
	Steeper soils	2	Mountains	No	—
	Rock outcrop and boulders	2	Mountains	Unranked	—
	Talkeetna soils-Cool	1	Mountains	No	—
141: Histosols	Histosols	90	Depressions	Yes	1
	Well drained mineral soils	10	Till plains	No	—
142: Histosols, high elevation	Histosols-High elevation	90	Depressions	Yes	1
	Well drained mineral soils	10	Till plains	No	—
143: Kalambach silt loam, sloping and moderately steep	Kalambach-Sloping	65	Plains	No	—
	Kalambach-Moderately steep	25	Plains	No	—
	Steeper soils	3	Hills	No	—
	Deception soils	3	Hills	No	—
	Cryaquept soils in depressions	3	Depressions	Yes	2
144: Kalambach silt loam, steep and sloping	Kalambach-Steep	60	Plains	No	—
	Kalambach-Sloping	30	Plains	No	—
	Deception soils	3	Hills	No	—
	Disappoint soils	3	Depressions on hills	Yes	2

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Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Steeper soils	3	Hills	No	—
	Occasional surface boulders	1	Hills	Unranked	—
145: Kalambach silt loam, undulating	Kalambach	90	Plains	No	—
	Steeper soils	3	Hills	No	—
	Deception soils	3	Till plains	No	—
	Disappoint soils	2	Depressions on hills	Yes	2
	Occasional surface boulders	1	Till plains	Unranked	—
146: Kalambach-Disappoint complex, 0 to 10 percent slopes	Kalambach	65	Till plains	No	—
	Disappoint	25	Depressions on hills	Yes	2
	Steeper soils	5	Till plains	No	—
	Occasional surface stones	2	Till plains	Unranked	—
147: Kashwitna silt loam, 0 to 3 percent slopes	Kashwitna	90	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Kichatna soils	3	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
148: Kashwitna silt loam, sloping and moderately steep	Kashwitna-Sloping	60	Ridges,hills	No	—
	Kashwitna-Moderately steep	30	Ridges,hills	No	—
	Kichatna soils	3	Hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
149: Kashwitna silt loam, undulating	Kashwitna	90	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Kichatna soils	3	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
150: Keba silt loam, undulating	Keba	90	Till plains	No	—
	Steeper soils	3	Till plains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Deception soils	3	Plains	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Cryaquept soils in depressions	2	Depressions	Yes	2
151: Kichatna silt loam, 0 to 3 percent slopes	Kichatna	90	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
152: Kichatna silt loam, sloping and moderately steep	Kichatna-Sloping	60	Ridges,hills	No	—
	Kichatna-Moderately steep	30	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
153: Kichatna silt loam, steep and sloping	Kichatna-Steep	70	Ridges,hills	No	—
	Kichatna-Sloping	20	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
154: Kichatna silt loam, undulating	Kichatna	90	Outwash plains	No	—
	Steeper soils	5	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
155: Kichatna-Deception complex, sloping and moderately steep	Kichatna	60	Ridges,hills	No	—
	Deception	30	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
156: Kichatna-Deception complex, steep and sloping	Kichatna-Steep	45	Ridges,hills	No	—
	Deception-Sloping	25	Ridges,hills	No	—
	Deception-Steep	20	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
157: Kichatna-Delyndia complex, moderately steep and gently sloping	Kichatna	65	Ridges,hills	No	—
	Delyndia	25	Hills,outwash plains	No	—
	Steeper soils	5	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
158: Kichatna-Delyndia silt loams, 0 to 4 percent slopes	Delyndia	45	Outwash plains	No	—
	Kichatna	45	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
159: Kidazqeni, cool, and Niklason, cool soils, 4 to 12 percent slopes	Kidazqeni-Cool	45	Alluvial fans	No	—
	Niklason-Cool	45	Alluvial fans	No	—
	Steeper soils	5	Alluvial fans	No	—
	Frequently flooded soils	3	Flood plains	Yes	4
160: Kidazqeni silt loam, rarely flooded, 0 to 2 percent slopes	Kidazqeni	85	Stream terraces	No	—
	Occasionally flooded soils	5	Stream terraces	No	—
	Niklason soils	5	Stream terraces	No	—
	Steeper soils	3	Stream terraces	No	—
161: Kidazqeni soils, 0 to 2 percent slopes	Kidazqeni	45	Flood plains	No	—
	Kidazqeni-Moderately wet	45	Flood plains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Frequently flooded soils	5	Flood plains	Yes	4
	Riverwash	3	Flood plains	Unranked	—
	Niklason soils	2	Stream terraces	No	—
162: Kidazqeni-Niklason complex, 0 to 2 percent slopes	Kidazqeni	50	Flood plains	No	—
	Niklason	40	Flood plains	No	—
	Moose River soils	5	Channels on flood plains, depressions on flood plains	Yes	2
	Frequently flooded soils	3	Flood plains	Yes	4
	Steeper soils	2	Flood plains	No	—
163: Killey and Moose River soils, 0 to 2 percent slopes	Killey	45	Flood plains	Yes	2
	Moose River	45	Channels on flood plains, depressions on flood plains	Yes	2
	Well drained soils on terraces	3	Terraces	No	—
	Kidazqeni soils	3	Flood plains	No	—
	Steeper soils	2	Flood plains	Yes	2
	Frequently flooded soils	2	Flood plains	Yes	4
164: Knik silt loam, 0 to 3 percent slopes	Knik	90	Outwash plains	No	—
	Steeper soils	5	Outwash plains	No	—
	Kichatna soils	3	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
165: Knik silt loam, gently sloping and moderately steep	Knik-Gently sloping	55	Ridges, hills	No	—
	Knik-Moderately steep	35	Ridges, hills	No	—
	Steeper soils	3	Ridges, hills	No	—
	Kichatna soils	3	Hills	No	—
	Cryaquept soils in depressions	3	Depressions	Yes	2
166: Knik silt loam, steep and sloping	Knik-Steep	65	Ridges, hills	No	—
	Knik-Sloping	25	Ridges, hills	No	—
	Steeper soils	3	Ridges, hills	No	—
	Kichatna soils	3	Hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
167: Knik silt loam, undulating	Knik	90	Outwash plains	No	—
	Steeper soils	5	Outwash plains	No	—
	Kichatna soils	3	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
168: Knik-Cryaquepts complex, 0 to 25 percent slopes	Knik	65	Hills	No	—
	Cryaquepts	25	Depressions on outwash plains	Yes	2
	Steeper soils	5	Hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
169: Liten silt loam, hilly	Liten	90	Hills	No	—
	Benka soils	5	Hills	No	—
	Steeper soils	5	Hills	No	—
170: Mine spoils	Dumps-Mine	95	Hills	Unranked	—
	Cryaquept soils in depressions	3	Depressions	Yes	2
171: Nancy silt loam, 0 to 3 percent slopes	Nancy	90	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Cryaquept soils in depressions	3	Depressions	Yes	2
	Kichatna soils	2	Outwash plains	No	—
	Histosol soils in depressions	1	Depressions	Yes	1
	Delyndia soils	1	Outwash plains	No	—
172: Nancy silt loam, sloping and moderately steep	Nancy-Sloping	60	Ridges,hills	No	—
	Nancy-Moderately steep	30	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Kichatna soils	2	Hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Delyndia soils	1	Hills	No	—
	173: Nancy silt loam, steep and sloping	Nancy-Steep	60	Ridges,hills	No
173: Nancy silt loam, steep and sloping	Nancy-Sloping	30	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Very shallow soils over gravel	2	Hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
174: Nancy silt loam, undulating	Nancy	90	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Kichatna soils	2	Outwash plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Delyndia soils	1	Outwash plains	No	—
175: Nancy-Cryaquepts complex, 0 to 5 percent slopes	Nancy	60	Outwash plains	No	—
	Cryaquepts	30	Depressions on outwash plains	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Steeper soils	2	Outwash plains	No	—
	Kichatna soils	1	Outwash plains	No	—
176: Nancy-Tokositna complex, sloping and moderately steep	Nancy-Sloping	50	Ridges,hills	No	—
	Nancy-Moderately steep	20	Ridges,hills	No	—
	Tokositna-Moderately steep	20	Hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Steeper soils	2	Ridges,hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Hills	Unranked	—
	Deception soils	1	Hills	No	—
177: Nancy-Tokositna complex, steep and sloping	Nancy-Steep	30	Ridges,hills	No	—
	Tokositna-Steep	30	Hills	No	—
	Nancy-Sloping	30	Ridges,hills	No	—
	Steeper soils	5	Ridges,hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Hills	Unranked	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
178: Nancy-Tokositna complex, undulating	Nancy	45	Plains	No	—
	Tokositna	45	Plains	No	—
	Steeper soils	4	Plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Till plains	Unranked	—
179: Pits, gravel	Pits-Gravel	90	Plains,hills,mountains	Unranked	—
	Well drained soils	3	Plains,hills,mountains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
180: Psuyaah-Snowdance complex, 5 to 20 percent slopes	Psuyaah	55	Mountains	Yes	2
	Snowdance	35	Depressions on mountains	Yes	2
	Steeper soils	4	Mountains	No	—
	Flooded soils in drainages	2	Drainageways	Yes	4
	Deception soils	1	Mountains	No	—
181: Qeni, cool-Niklavar, cool-Cryods, cold complex, 0 to 25 percent slopes	Qeni-Cool	35	Stream terraces	No	—
	Niklavar-Cool	30	Flood plains	Yes	2
	Cryods-Cold	25	Alluvial fans on mountains	No	—
	Steeper soils	2	Alluvial fans	No	—
	Frequently flooded soils	2	Flood plains	Yes	4
	Cryaquept soils in depressions	1	Depressions	Yes	2
	Histosol soils in depressions	1	Depressions	Yes	1
182: Riverwash and Niklavar soils, 0 to 2 percent slopes	Niklavar-Frequently flooded	50	Flood plains	Yes	4
	Riverwash	45	Flood plains	Unranked	—
	Better drained soils	2	Flood plains	No	—
	Water-River channels	2	Flood plains	Unranked	—
	Steeper soils	1	Stream terraces	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
183: Rock outcrop-Cryumbrepts association, extremely steep	Rock outcrop	45	Mountains	Unranked	—
	Cryumbrepts	40	Mountains	No	—
	Talkeetna-Cool	5	Mountains	No	—
	Lesser slopes	4	Mountains	No	—
	Psuyaah soils	3	Depressions	Yes	2
	Snowdance soils	3	Depressions	Yes	2
184: Siwash-Talkeetna, cool-Snowdance association, 0 to 30 percent slopes	Siwash	40	Mountains	No	—
	Talkeetna-Cool	30	Mountains	No	—
	Snowdance	20	Depressions on mountains	Yes	2
	Steeper soils	5	Mountains	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Rock outcrop and boulders	1	Mountains	Unranked	—
185: Susitna silt loam, 0 to 2 percent slopes	Susitna	85	Stream terraces	No	—
	Riverwash	5	Flood plains	Unranked	—
	Frequently flooded soils	5	Flood plains	Yes	4
	Moose River	3	Channels on flood plains, depressions on flood plains	Yes	2
	Niklason soils	2	Stream terraces	No	—
186: Susivar-Moose River complex, 0 to 2 percent slopes	Susivar	70	Flats on flood plains	No	—
	Moose River	20	Channels on flood plains, depressions on flood plains	Yes	2
	Kidazqeni soils	3	Flood plains	No	—
	Susitna	3	Flood plains	No	—
	Riverwash	3	Flood plains	Unranked	—
	Steeper soils	1	Flood plains	No	—
187: Susivar and Niklavar fine sandy loams	Susivar	45	Flood plains	No	—
	Niklavar	45	Flood plains	No	—
	Kidazqeni soils	5	Flood plains	No	—
	Riverwash	2	Flood plains	Unranked	—
	Frequently flooded soils	2	Flood plains	Yes	4
	Water-River channels	1	Flood plains	Unranked	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
188: Talkeetna very fine sandy loam, warm, 15 to 35 percent slopes	Talkeetna-Warm	90	Mountains	No	—
	Chunilna-Cool	3	Depressions	Yes	2
	Snowdance soils in drainages	3	Drainageways	Yes	2
	Steeper soils	2	Mountains	No	—
	Shallow soils over bedrock	2	Mountains	No	—
189: Talkeetna-Talkeetna, thick surface complex, 15 to 35 percent slopes	Talkeetna	50	Mountains	No	—
	Talkeetna-Thick surface	40	Mountains	No	—
	Snowdance soils in drainages	3	Drainageways	Yes	2
	Rock outcrop	2	Mountains	Unranked	—
	Steeper soils	2	Mountains	No	—
	Shallow soils over bedrock	2	Mountains	No	—
190: Talkeetna, warm-Talkeetna, thick surface complex, hilly	Talkeetna-Warm	50	Ridges,hills	No	—
	Talkeetna-Thick surface	40	Ridges,hills	No	—
	Steeper soils	5	Ridges,hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Chunilna-Cool	2	Depressions	Yes	2
	Occasional surface boulders and rock outcrop	1	Hills	Unranked	—
191: Talkeetna, warm, and Talkeetna, thick surface soils, 15 to 45 percent slopes	Talkeetna-Thick surface	45	Mountains	No	—
	Talkeetna-Warm	45	Mountains	No	—
	Steeper soils	3	Mountains	No	—
	Chunilna-Cool	3	Depressions	Yes	2
	Deneka soils	2	Mountains	No	—
	Occasional surface boulders and rock outcrop	2	Mountains	Unranked	—
192: Talkeetna, low elevation-Deneka, low elevation association, steep and moderately steep	Talkeetna-Low elevation	65	Mountains	No	—
	Deneka-Low elevation	25	Mountains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Steeper soils	5	Mountains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Rock outcrop and boulders	1	Mountains	Unranked	—
193: Talkeetna, warm-Talkeetna, thick surface-Deneka complex, hilly	Talkeetna-Warm	40	Ridges,hills	No	—
	Deneka	25	Ridges,hills	No	—
	Talkeetna-Thick surface	25	Ridges,hills	No	—
	Steeper soils	3	Hills	No	—
	Chunilna-Cool	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Rock outcrop and surface stones	1	Mountains	Unranked	—
194: Talkeetna, cool-Snowdance complex, 5 to 25 percent slopes	Talkeetna-Cool	70	Mountains	No	—
	Snowdance	25	Depressions on mountains	Yes	2
	Psuyaah soils in depressions	3	Depressions	Yes	2
	Steeper soils	2	Mountains	No	—
195: Talkeetna, cool-Tsadaka-Chunilna, cool complex, 10 to 35 percent slopes	Tsadaka	35	Mountains	No	—
	Talkeetna-Cool	35	Mountains	No	—
	Chunilna-Cool	20	Depressions on mountains	Yes	2
	Steeper soils	3	Mountains	No	—
	Rock outcrop	2	Mountains	Unranked	—
	Frequently flooded soils	1	Depressions	Yes	4
196: Tidal flats	Beaches-Tidal flats	90	Tidal flats	Unranked	—
	Cryaquents coastal soils	5	Tidal flats	Yes	2
	Water	5	Channels	Unranked	—
197: Tokositna silt loam, sloping and moderately steep	Tokositna-Sloping	55	Ridges,hills	No	—
	Tokositna-Moderately steep	35	Ridges,hills	No	—

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	Steeper soils	3	Ridges,hills	No	—
	Chunilna-Cool	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Hills	Unranked	—
198: Tokositna silt loam, steep and sloping	Tokositna-Steep	60	Ridges,hills	No	—
	Tokositna-Sloping	30	Ridges,hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Chunilna-Cool	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Hills	Unranked	—
199: Tokositna silt loam, undulating	Tokositna	90	Till plains	No	—
	Steeper soils	5	Till plains	No	—
	Chunilna-Cool	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Till plains	Unranked	—
200: Tokositna, hilly-Chunilna complex	Tokositna	60	Ridges,hills	No	—
	Chunilna	30	Depressions on hills	Yes	2
	Deception soils	3	Hills	No	—
	Steeper soils	3	Ridges,hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Hills	Unranked	—
201: Tokositna, undulating-Chunilna complex	Tokositna	60	Till plains	No	—
	Chunilna	30	Depressions on till plains	Yes	2
	Steeper soils	3	Till plains	No	—
	Deception soils	3	Till plains	No	—
	Histosol soils in depressions	3	Depressions	Yes	1
	Occasional surface boulders	1	Till plains	Unranked	—
202: Tsadaka-Talkeetna, cool complex, 5 to 25 percent slopes	Tsadaka	70	Mountains	No	—
	Talkeetna-Cool	20	Mountains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Steeper soils	5	Mountains	No	—
	Cryaquept soils in depressions	3	Depressions	Yes	2
203: Typic Cryaquents, 0 to 2 percent slopes	Typic Cryaquents	90	Flood plains	Yes	2
	Well drained soils	5	Terraces	No	—
	Nonflooded soils	5	Flood plains	No	—
204: Typic Cryaquents, coastal, 0 to 2 percent slopes	Typic Cryaquents-Coastal	95	Tidal flats	Yes	2
	Beaches-Tidal flats	3	Tidal flats	Unranked	—
	Water	2	Channels	Unranked	—
205: Whitsol silt loam, 0 to 2 percent slopes	Whitsol	85	Outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—
	Tokositna soils	2	Outwash plains	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Nancy soils	1	Outwash plains	No	—
206: Whitsol silt loam, cool, sloping and moderately steep	Whitsol-Cool, moderately steep	60	Ridges,hills	No	—
	Whitsol-Cool, sloping	30	Hills	No	—
	Tokositna soils	2	Hills	No	—
	Steeper soils	2	Hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Nancy soils	1	Hills	No	—
207: Whitsol silt loam, cool, steep and sloping	Whitsol-Cool, steep	60	Ridges,hills	No	—
	Whitsol-Cool, sloping	30	Ridges,hills	No	—
	Steeper soils	3	Hills	No	—
	Tokositna soils	2	Hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Nancy soils	1	Hills	No	—
208: Whitsol silt loam, silty substratum, 0 to 7 percent slopes	Whitsol-Silty	85	Till plains,outwash plains	No	—
	Steeper soils	3	Outwash plains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Tokositna soils	2	Outwash plains	No	—
	Nancy soils	1	Outwash plains	No	—
209: Whitsol silt loam, silty substratum, sloping and moderately steep	Whitsol-Silty, sloping	60	Ridges,hills	No	—
	Whitsol-Silty, moderately steep	30	Hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Steeper soils	2	Hills	No	—
	Tokositna soils	1	Hills	No	—
	Histosol soils in depressions	1	Depressions	Yes	1
	Nancy soils	1	Hills	No	—
210: Whitsol silt loam, till substratum, sloping and moderately steep	Whitsol-Till, sloping	60	Ridges,hills	No	—
	Whitsol-Till, moderately steep	30	Hills	No	—
	Steeper soils	3	Hills	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Occasional surface boulders	1	Hills	Unranked	—
211: Whitsol silt loam, till substratum, undulating	Whitsol-Till	90	Till plains	No	—
	Steeper soils	3	Till plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
	Occasional surface boulders	1	Till plains	Unranked	—
212: Yensus silt loam, 0 to 2 percent slopes	Yensus	90	Stream terraces,outwash plains	No	—
	Steeper soils	5	Stream terraces,outwash plains	No	—

Custom Soil Resource Report

Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Knik soils	3	Outwash plains	No	—
	Temporarily ponded soils	2	Depressions	No	—
213: Yensus silt loam, sloping and moderately steep	Yensus-Sloping	55	Ridges,hills	No	—
	Yensus-Moderately steep	35	Ridges,hills	No	—
	Steeper soils	5	Ridges,hills	No	—
	Cryaquept soils in depressions	3	Depressions	Yes	2
	Knik soils	2	Hills	No	—
214: Yensus silt loam, undulating	Yensus	85	Outwash plains	No	—
	Steeper soils	5	Outwash plains	No	—
	Knik soils	3	Outwash plains	No	—
	Temporarily ponded soils	2	Depressions	No	—
215: Yohn silt loam, 0 to 5 percent slopes	Yohn	90	Till plains	No	—
	Deception soils	3	Till plains	No	—
	Steeper soils	3	Till plains	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Cryaquept soils in depressions	2	Depressions	Yes	2
216: Yohn silt loam, rolling	Yohn	90	Till plains	No	—
	Steeper soils	5	Till plains	No	—
	Cryaquept soils in depressions	3	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
217: Yohn-Deception complex, rolling	Yohn	70	Till plains	No	—
	Deception	20	Till plains	No	—
	Steeper soils	3	Till plains	No	—
	Kashwitna soils	2	Till plains	No	—
	Histosol soils in depressions	2	Depressions	Yes	1
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Benka soils	1	Till plains	No	—
218: Yohn-Delyndia complex, hilly	Yohn	60	Hills	No	—
	Delyndia	30	Hills	No	—

Custom Soil Resource Report

Hydric Soil List - All Components--AK600-Matanuska-Susitna Valley Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Steeper soils	3	Hills	No	—
	Kichatna soils	3	Hills	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
219: Yohn-Flat Horn complex, rolling	Yohn	60	Till plains	No	—
	Flat Horn	30	Till plains	No	—
	Steeper soils	3	Till plains	No	—
	Kashwitna soils	2	Till plains	No	—
	Cryaquept soils in depressions	2	Depressions	Yes	2
	Histosol soils in depressions	2	Depressions	Yes	1
220: Water	Water	95	Lakes	Unranked	—
	Cryaquept soils	3	Depressions	Yes	2
	Histosol soils	2	Depressions	Yes	1