



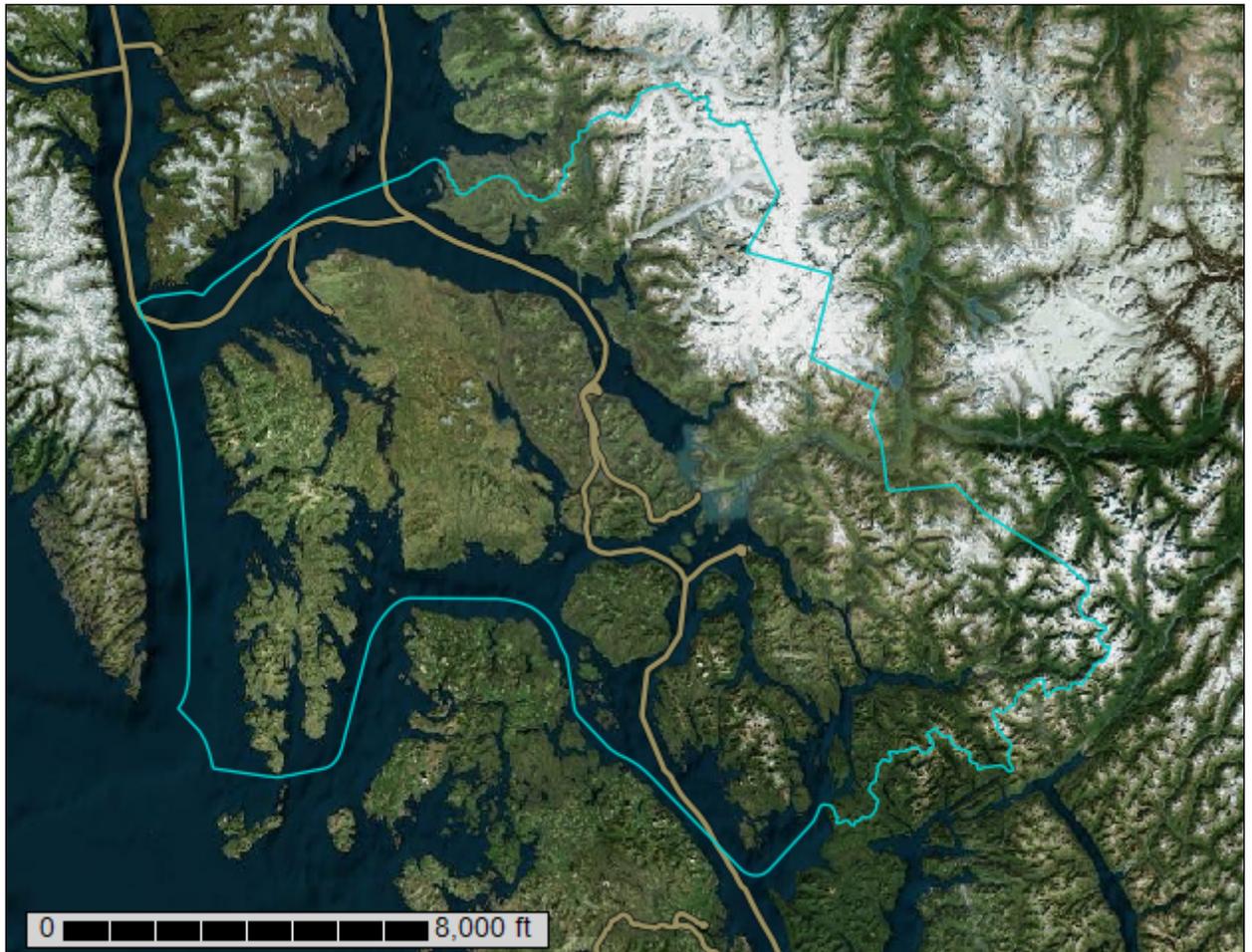
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NRCS

Natural
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agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Stikine 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

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

Hydric Soil List - All Components—AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
2: Malmesbury fine sand, 0 to 3 percent slopes	Malmesbury	85	Terraces	No	—
	Chilkoot-Somewhat poorly drained	8	Flood plains	No	—
	Riverwash	7	Flood plains	Unranked	—
3: Lithic Humicryods, 5 to 35 percent slopes	Lithic Humicryods	85	Mountains	No	—
	Typic Humicryods	10	Mountains	No	—
	Aquepts	5	Depressions	Yes	2
4: Tonowek sandy loam, 0 to 5 percent slopes	Tonowek	85	Terraces	No	—
	Tuxekan	8	Terraces,fans	No	—
	Chilkoot-Somewhat poorly drained	7	Flood plains	No	—
5: Anan fine sand, 0 to 2 percent slopes	Anan	85	Flood plains	Yes	2,4
	Chilkoot-Somewhat poorly drained	8	Flood plains	No	—
	Teric Cryosaprists	7	Mountains	Yes	1
6B: Kwatahein-Mitkof complex, 0 to 35 percent slopes	Kwatahein	45	Hills	No	—
	Mitkof	45	Till plains,mountains	No	—
	Wadleigh	5	Depressions on hills	Yes	2
	Nakwasina	5	Depressions	Yes	2
6D: Kwatahein-Mitkof complex, 35 to 60 percent slopes	Kwatahein	55	Hills	No	—
	Mitkof	35	Till plains,mountains	No	—
	Wadleigh	5	Depressions on hills	Yes	2
	Mosman	5	Mountains	No	—
7B: Kwatahein silt loam, 5 to 35 percent slopes	Kwatahein	85	Hills	No	—
	Mitkof	10	Mountains,till plains	No	—
	Tolstoi	5	Mountains	No	—
7D: Kwatahein silt loam, 35 to 75 percent slopes	Kwatahein	85	Hills	No	—
	unnamed	15	—	—	—
7F: Kwatahein-Tolstoi complex, 75 to 100 percent slopes	Kwatahein	75	Hills	No	—
	Tolstoi	15	Mountains	No	—
	Mosman	10	Mountains	No	—

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Hydric Soil List - All Components--AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
10B: Ulloa gravelly loam, 5 to 35 percent slopes	Ulloa	85	Mountains,hills	No	—
	Mitkof	10	Mountains,till plains	No	—
	Kwatahein	5	Hills	No	—
10D: Ulloa-Sarkar complex, 35 to 75 percent slopes	Ulloa	55	Hills,mountains	No	—
	Sarkar	35	Hills	No	—
	Kwatahein	4	Hills	No	—
	Mitkof	3	Mountains,till plains	No	—
10F: Sarkar-McGilvery complex, 75 to 120 percent slopes	McGilvery	3	Mountains	No	—
	Sarkar	60	Hills	No	—
	Ulloa	5	Hills,mountains	No	—
	Rock outcrop	5	Mountains	Unranked	—
11B: Kupreanof-Tolstoi association, 5 to 35 percent slopes	Kupreanof	75	Mountains	No	—
	Tolstoi	15	Mountains	No	—
	Mitkof	5	Mountains,till plains	No	—
	Maybeso	5	Hills,mountains	Yes	1
11D: Kupreanof-Tolstoi association, 35 to 75 percent slopes	Kupreanof	65	Mountains	No	—
	Tolstoi	25	Mountains	No	—
	Mitkof	5	Mountains,till plains	No	—
	Maybeso	5	Hills,mountains	Yes	1
11F: Kupreanof-Tolstoi association, 75 to 100 percent slopes	Kupreanof	50	Mountains	No	—
	Tolstoi	40	Mountains	No	—
	McGilvery	5	Mountains	No	—
	Mitkof	5	Mountains,till plains	No	—
12B: Liesnoi-Blaquirre complex, 5 to 35 percent slopes	Liesnoi	65	Mountains	No	—
	Blaquirre	25	Mountains	No	—
	Mitkof	5	Mountains,till plains	No	—
	Maybeso	5	Hills,mountains	Yes	1
12D: Liesnoi-Blaquirre complex, 35 to 75 percent slopes	Liesnoi	60	Mountains	No	—
	Blaquirre	30	Mountains	No	—
	Maybeso	4	Hills,mountains	Yes	1
	Mosman	3	Mountains	No	—
	McGilvery	3	Mountains	No	—

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Hydric Soil List - All Components--AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
13D: Kupreanof-Typic Cryumbrepts, loamy-skeletal complex, 15 to 75 percent slopes	Kupreanof	55	Mountains	No	—
	Typic Cryumbrepts, loamy-sk	35	Mountains	No	—
	Mosman	5	Mountains	No	—
	Karta	5	Mountains	No	—
13F: Kupreanof-Typic Cryumbrepts, loamy-skeletal complex, 75 to 120 percent slopes	Kupreanof	45	Mountains	No	—
	Typic Cryumbrepts, loamy-sk	45	Mountains	No	—
	Karta	4	Mountains	No	—
	Mosman	3	Mountains	No	—
	McGilvery	3	Mountains	No	—
14F: Tolstoi-Cryorthents complex, 60 to 120 percent slopes	Tolstoi	60	Mountains	No	—
	Cryorthents	30	Mountains	No	—
	McGilvery	5	Mountains	No	—
	St. Nicholas	5	Depressions on mountains	Yes	2
15: Fanshaw very gravelly coarse sand, 0 to 15 percent slopes	Fanshaw	85	Outwash plains	No	—
	Chilkoot-Somewhat poorly drained	10	Flood plains	No	—
	Tuxekan	5	Terraces,fans	No	—
16B: Kupreanof-Mosman complex, 5 to 35 percent slopes	Kupreanof	55	Mountains	No	—
	Mosman	35	Mountains	No	—
	Mitkof	5	Mountains,till plains	No	—
	Maybeso	5	Hills,mountains	Yes	1
16D: Kupreanof-Mosman complex, 35 to 75 percent slopes	Kupreanof	45	Mountains	No	—
	Mosman	45	Mountains	No	—
	McGilvery	4	Mountains	No	—
	Mitkof	3	Mountains,till plains	No	—
	Wadleigh	3	Depressions on hills	Yes	2
16F: Mosman-Kupreanof complex, 75 to 110 percent slopes	Mosman	55	Mountains	No	—
	Kupreanof	35	Mountains	No	—
	McGilvery	10	Mountains	No	—

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Hydric Soil List - All Components--AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
18B: Gunnuk silt loam, 5 to 35 percent slopes	Gunnuk	85	Terraces,lake plains	No	—
	Karta	5	Mountains	No	—
	Nakwasina	5	Depressions	Yes	2
18D: Gunnuk silt loam, 35 to 60 percent slopes	Maybeso	5	Hills,mountains	Yes	1
	Gunnuk	85	Terraces,lake plains	No	—
	Karta	10	Mountains	No	—
19: Chilkoot very fine sandy loam, 0 to 3 percent slopes	Mosman	5	Mountains	No	—
	Chilkoot-Somewhat poorly drained	85	Flood plains	No	—
	Anan	10	Flood plains	Yes	2,4
20D: Mosman-Typic Cryumbrepts, loamy-skeletal complex, 35 to 75 percent slopes	Riverwash	5	Flood plains	Unranked	—
	Mosman	55	Mountains	No	—
	Typic Cryumbrepts, loamy-sk	35	Mountains	No	—
	Kupreanof	5	Mountains	No	—
20F: Mosman-Typic Cryumbrepts, loamy-skeletal complex, 75 to 120 percent slopes	Mitkof	5	Mountains,till plains	No	—
	Mosman	45	Mountains	No	—
	Typic Cryumbrepts, loamy-sk	45	Mountains	No	—
	McGilvery	10	Mountains	No	—
21: Niblack peat, 3 to 45 percent slopes	Niblack	85	Bogs	Yes	1
	Maybeso	5	Hills,mountains	Yes	1
	St. Nicholas	5	Depressions on mountains	Yes	2
	Wadleigh	5	Depressions on hills	Yes	2
22: Kushneahin-Kina association, 3 to 35 percent slopes	Kushneahin	50	Bogs	Yes	1
	Kina	40	Depressions	Yes	1
	Wadleigh	5	Depressions on hills	Yes	2
	Maybeso	5	Mountains,hills	Yes	1
23B: Kupreanof-Mitkof complex, 5 to 35 percent slopes	Kupreanof	45	Mountains	No	—
	Mitkof	45	Mountains,till plains	No	—
	Maybeso	5	Hills,mountains	Yes	1
	Mosman	5	Mountains	No	—

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Hydric Soil List - All Components--AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
23D: Kupreanof-Mitkof complex, 35 to 75 percent slopes	Kupreanof	55	Mountains	No	—
	Mitkof	35	Mountains,till plains	No	—
	Maybeso	5	Hills,mountains	Yes	1
	Mosman	5	Mountains	No	—
28B: Mosman-McGilvery complex, 5 to 35 percent slopes	Mosman	65	Mountains	No	—
	McGilvery	25	Mountains	No	—
	Kupreanof	5	Mountains	No	—
	Rock outcrop	5	Mountains	Unranked	—
28D: Mosman-McGilvery complex, 35 to 75 percent slopes	Mosman	55	Mountains	No	—
	McGilvery	35	Mountains	No	—
	Kupreanof	5	Mountains	No	—
	Rock outcrop	5	Mountains	Unranked	—
28F: Mosman-McGilvery complex, 75 to 120 percent slopes	Mosman	45	Mountains	No	—
	McGilvery	45	Mountains	No	—
	Tolstoi	5	Mountains	No	—
	Rock outcrop	5	Mountains	Unranked	—
30B: Karta silt loam, 5 to 35 percent slopes	Karta	85	Mountains	No	—
	Mitkof	5	Mountains,till plains	No	—
	Tolstoi	5	Mountains	No	—
	Wadleigh	5	Depressions on hills	Yes	2
30D: Karta silt loam, 35 to 75 percent slopes	Karta	85	Mountains	No	—
	Mitkof	5	Mountains,till plains	No	—
	Tolstoi	5	Mountains	No	—
	Wadleigh	5	Depressions on hills	Yes	2
31B: Wadleigh silt loam, 5 to 35 percent slopes	Wadleigh	85	Depressions on hills	Yes	2
	Karta	5	Mountains	No	—
	Kupreanof	5	Mountains	No	—
	Maybeso	5	Hills,mountains	Yes	1
31D: Wadleigh silt loam, 35 to 60 percent slopes	Wadleigh	85	Depressions on hills	Yes	2
	Karta	5	Mountains	No	—
	Kupreanof	5	Mountains	No	—
	Maybeso	5	Hills,mountains	Yes	1

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Hydric Soil List - All Components--AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
32B: Nakwasina peat, 5 to 35 percent slopes	Nakwasina	85	Hills	Yes	2
	unnamed	10	—	—	—
	Mitkof	5	Mountains,till plains	No	—
32D: Nakwasina peat, 35 to 55 percent slopes	Nakwasina	85	Hills	Yes	2
	Kushneahin	10	Depressions	Yes	1
	Tolstoi	5	Mountains	No	—
33B: Mosman very gravelly loam, 5 to 35 percent slopes	Mosman	85	Mountains	No	—
	unnamed	10	—	—	—
	McGilvery	5	Mountains	No	—
33D: Mosman very gravelly loam, 35 to 75 percent slopes	Mosman	85	Mountains	No	—
	St. Nicholas	10	Depressions on mountains	Yes	2
	McGilvery	5	Mountains	No	—
33F: Mosman very gravelly loam, 75 to 120 percent slopes	Mosman	85	Mountains	No	—
	McGilvery	10	Mountains	No	—
	Rock outcrop	5	Mountains	Unranked	—
34B: Mitkof-Mosman complex, 5 to 35 percent slopes	Mitkof	55	Mountains,till plains	No	—
	Mosman	35	Mountains	No	—
	Kupreanof	5	Mountains	No	—
	Maybeso	5	Hills,mountains	Yes	1
34D: Mitkof-Mosman complex, 35 to 75 percent slopes	Mitkof	50	Mountains,till plains	No	—
	Mosman	40	Mountains	No	—
	Kupreanof	5	Mountains	No	—
	Maybeso	5	Hills,mountains	Yes	1
34F: Mosman-Mitkof complex, 75 to 100 percent slopes	Mosman	55	Mountains	No	—
	Mitkof	35	Mountains,till plains	No	—
	Maybeso	4	Hills,mountains	Yes	1
	McGilvery	3	Mountains	No	—
35B: Maybeso-Mosman complex, 5 to 35 percent slopes	Rock outcrop	3	Mountains	Unranked	—
	Maybeso	70	Hills,mountains	Yes	1
	Mosman	20	Mountains	No	—
	Kushneahin	4	Depressions	Yes	1
McGilvery	3	Mountains	No	—	

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Hydric Soil List - All Components--AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Wadleigh	3	Depressions on hills	Yes	2
35D: Maybeso-Mosman complex, 35 to 75 percent slopes	Maybeso	65	Hills,mountains	Yes	1
	Mosman	25	Mountains	No	—
	Kushneahin	4	Depressions	Yes	1
	McGilvery	3	Mountains	No	—
	Wadleigh	3	Depressions on hills	Yes	2
35F: Mosman-Maybeso complex, 50 to 100 percent slopes	Mosman	55	Mountains	No	—
	Maybeso	35	Mountains,hills	Yes	1
	Niblack	5	Bogs	Yes	1
	McGilvery	5	Mountains	No	—
36B: Kupreanof silt loam, 5 to 35 percent slopes	Kupreanof	85	Mountains	No	—
	Mitkof	5	Till plains,mountains	No	—
	Karta	5	Mountains	No	—
	Tuxekan	5	Terraces,fans	No	—
36D: Kupreanof silt loam, 35 to 75 percent slopes	Kupreanof	85	Mountains	No	—
	Mosman	5	Mountains	No	—
	Karta	5	Mountains	No	—
	Mosman	5	Mountains	No	—
37: Tuxekan fine sandy loam, 0 to 5 percent slopes	Tuxekan	85	Terraces,fans	No	—
	Kupreanof	5	Mountains	No	—
	Tonowek	5	Terraces	No	—
	Chilkoot-Somewhat poorly drained	5	Flood plains	No	—
38D: Mosman-Rock outcrop complex, 35 to 75 percent slopes	Mosman	75	Mountains	No	—
	Rock outcrop	15	Mountains	Unranked	—
	Tolstoi	5	Mountains	No	—
	Kwatahein	5	Hills	No	—
38F: Mosman-Rock outcrop complex, 75 to 120 percent slopes	Mosman	55	Mountains	No	—
	Rock outcrop	35	Mountains	Unranked	—
	Kupreanof	10	Mountains	No	—
46B: Mitkof sandy loam, 5 to 35 percent slopes	Mitkof	85	Mountains,till plains	No	—
	Nakwasina	5	Depressions	Yes	2

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Hydric Soil List - All Components--AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Kwatahein	4	Hills	No	—
	Tolstoi	3	Mountains	No	—
	Ulloa	3	Hills,mountains	No	—
46D: Mitkof sandy loam, 35 to 65 percent slopes	Mitkof	85	Mountains,till plains	No	—
	Wadleigh	5	Depressions on hills	Yes	2
	Kwatahein	4	Hills	No	—
	Ulloa	3	Hills,mountains	No	—
	Mosman	3	Mountains	No	—
46F: Mitkof sandy loam, 65 to 80 percent slopes	Mitkof	85	Mountains,till plains	No	—
	St. Nicholas	5	Depressions on mountains	Yes	2
	Mosman	5	Mountains	No	—
	Wadleigh	5	Depressions on hills	Yes	2
48B: St. Nicholas loam, 5 to 35 percent slopes	St. Nicholas	85	Depressions on mountains	Yes	2
	Kaikli	5	Depressions on hills	Yes	1
	Mitkof	5	Mountains,till plains	No	—
	Mosman	5	Mountains	No	—
48D: St. Nicholas loam, 35 to 65 percent slopes	St. Nicholas	85	Depressions on mountains	Yes	2
	Kaikli	5	Depressions on hills	Yes	1
	Mitkof	5	Mountains,till plains	No	—
	Mosman	5	Mountains	No	—
48F: St. Nicholas loam, 65 to 90 percent slopes	St. Nicholas	90	Depressions on mountains	Yes	2
	McGilvery	5	Mountains	No	—
	Rock outcrop	5	Mountains	Unranked	—
49: St. Nicholas-Kaikli complex, 5 to 35 percent slopes	St. Nicholas	55	Depressions on mountains	Yes	2
	Kaikli	35	Depressions on hills	Yes	1
	Tolstoi	10	Mountains	No	—
50B: Kaikli peat, 5 to 35 percent slopes	Kaikli	85	Depressions on hills	Yes	1
	Kina	10	Depressions	Yes	1
	Nakwasina	5	Depressions	Yes	2
50D: Kaikli peat, 35 to 55 percent slopes	Kaikli	85	Depressions on hills	Yes	1
	Kina	5	Depressions	Yes	1
	Nakwasina	5	Depressions	Yes	2
	Mosman	5	Mountains	No	—

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Hydric Soil List - All Components--AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
54B: Tolstoi-St. Nicholas association, 5 to 35 percent slopes, subalpine	Tolstoi	50	Mountains	No	—
	St. Nicholas	45	Depressions on mountains	Yes	2
	McGilvery	5	Mountains	No	—
54D: Tolstoi-St. Nicholas association, 35 to 75 percent slopes, subalpine	Tolstoi	50	Mountains	No	—
	St. Nicholas	45	Depressions on mountains	Yes	2
	McGilvery	5	Mountains	No	—
54F: Tolstoi-St. Nicholas association, 75 to 120 percent slopes, subalpine	Tolstoi	45	Mountains	No	—
	St. Nicholas	45	Depressions on mountains	Yes	2
	McGilvery	5	Mountains	No	—
	Rock outcrop	5	Mountains	Unranked	—
55D: St. Nicholas-Typic Cryumbrepts, loamy-skeletal complex, 35 to 75 percent slopes	St. Nicholas	50	Depressions on mountains	Yes	2
	Typic Cryumbrepts, loamy-sk	40	Mountains	No	—
	Mosman	5	Mountains	No	—
	McGilvery	5	Mountains	No	—
55F: St. Nicholas-Typic Cryumbrepts, loamy-skeletal complex, 75 to 120 percent slopes	St. Nicholas	55	Depressions on mountains	Yes	2
	Typic Cryumbrepts, loamy-sk	40	Mountains	No	—
	Mosman	2	Mountains	No	—
	McGilvery	2	Mountains	No	—
	Rock outcrop	1	Mountains	Unranked	—
57: Kogish peat, 0 to 15 percent slopes	Kogish	85	Bogs	Yes	1
	Maybeso	10	Hills, mountains	Yes	1
	Kwatahein	5	Hills	No	—
59B: Sloduc silt loam, 5 to 35 percent slopes	Sloduc	85	Hills	Yes	2
	Wadleigh	5	Depressions on hills	Yes	2
	Nakwasina	5	Depressions	Yes	2
	Tolstoi	5	Mountains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
59D: Sloduc silt loam, 35 to 60 percent slopes	Sloduc	85	Hills	Yes	2
	Wadleigh	5	Depressions on hills	Yes	2
	Mosman	5	Mountains	No	—
	Sarkar	5	Hills	No	—
60: Blashke-Sokolof complex, 0 to 15 percent slopes	Blashke	55	Terraces	No	—
	Sokolof	35	Terraces	No	—
	Maybeso	5	Hills,mountains	Yes	1
	Karheen	5	Beaches	Yes	1
61: Karheen mucky peat, 0 to 15 percent slopes	Karheen	85	Beaches	Yes	1
	Maybeso	10	Mountains,hills	Yes	1
	Sokolof	5	Terraces	No	—
	63: Kushneahin mucky peat, 0 to 15 percent slopes	Kushneahin	85	Bogs	Yes
Maybeso		10	Hills,mountains	Yes	1
Anan		5	Bogs	Yes	2,4
64: Kushneahin-Maybeso complex, 3 to 35 percent slopes		Kushneahin	45	Bogs	Yes
	Maybeso	45	Hills,mountains	Yes	1
	Nakwasina	5	Depressions	Yes	2
	Mitkof	5	Mountains,till plains	No	—
65: Kushneahin-Kaikli complex, 5 to 35 percent slopes	Kushneahin	45	Bogs	Yes	1
	Kaikli	45	Depressions on hills	Yes	1
	Mosman	4	Mountains	No	—
	Wadleigh	3	Depressions on hills	Yes	2
	St. Nicholas	3	Depressions on mountains	Yes	2
70: Permanent ice and snow	Glaciers-Permanent ice and snow	100	Glaciers	Unranked	—
71: Cryofluvents, 0 to 15 percent slopes	Cryofluvents	85	Flood plains	No	—
	Tonowek	5	Terraces	No	—
	Malmesbury	5	Terraces	No	—
	Chilkoot-Somewhat poorly drained	5	Flood plains	No	—
72: Rock outcrop	Rock outcrop	100	Mountains	Unranked	—
73: Typic Cryumbrepts, loamy-skeletal, 60 to 120 percent slopes	Typic Cryumbrepts, loamy-sk	90	Mountains	No	—
	McGilvery	5	Mountains	No	—
	Kupreanof	5	Mountains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
75: Cryorthents	Cryorthents	90	Mountains	No	—
	Kupreanof	4	Mountains	No	—
	McGilvery	3	Mountains	No	—
	Rock outcrop	3	Mountains	Unranked	—
76: Talus slopes	Rubble land-Talus	90	Mountains	Unranked	—
	Kupreanof	10	Mountains	No	—
77: Riverwash	Riverwash	90	Flood plains	Unranked	—
	Chilkoot-Somewhat poorly drained	4	Flood plains	No	—
	Malmesbury	3	Terraces	No	—
	Tonowek	3	Terraces	No	—
80: Cryaquents-Cryaquepts complex, 0 to 3 percent slopes	Cryaquents	45	Deltas	Yes	2
	Cryaquepts	45	Depressions	Yes	2
	Tonowek	10	Terraces	No	—
81: Cryaquents, 0 to 3 percent slopes	Cryaquents	90	Deltas	Yes	2
	Tonowek	5	Terraces	No	—
	Terric Cryosaprists	5	Mountains	Yes	1
82: Cryaquepts, 0 to 3 percent slopes	Cryaquepts	90	Depressions	Yes	2
	Tonowek	5	Terraces	No	—
	Terric Cryosaprists	5	Mountains	Yes	1
83: Aeric Cryaquepts, 0 to 3 percent slopes	Aeric Cryaquepts	90	Depressions	Yes	2
	Tonowek	10	Terraces	No	—
91B: Maybeso peat, 5 to 35 percent slopes	Maybeso	90	Hills,mountains	Yes	1
	Wadleigh	10	Depressions on hills	Yes	2
91D: Maybeso peat, 35 to 60 percent slopes	Maybeso	85	Hills,mountains	Yes	1
	Mitkof	10	Mountains,till plains	No	—
	Wadleigh	5	Depressions on hills	Yes	2
95: Sunnyhay-Tolstoi complex, 15 to 120 percent slopes, alpine	Sunnyhay	55	Mountain slopes	Yes	1
	Tolstoi	35	Mountains	No	—
	Rubble land-Glacial drift	5	Glacial-valley floors	Unranked	—
	Rock outcrop	5	Mountains	Unranked	—
96: Sunnyhay-Tolstoi-St. Nicholas complex, 20 to 120 percent slopes, subalpine	Sunnyhay	50	Depressions	Yes	1
	Tolstoi	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)
	St. Nicholas	20	Depressions on mountains	Yes	2
	Kupreanof	3	Mountains	No	—
	Mitkof	3	Mountains, till plains	No	—
	Kwatahein	2	Hills	No	—
	Rock outcrop	2	Mountains	Unranked	—
404X: Glacial drift	Rubble land-Glacial drift	90	Glacial-valley floors	Unranked	—
	Glaciers-Permanent ice and snow	10	Glaciers	Unranked	—
410X: Lithic Cryosaprists-Lithic Humicryods association, 15 to 120 percent slopes, alpine	Lithic Cryosaprists	55	Mountain slopes	Yes	1
	Lithic Humicryods	35	Mountains	No	—
	Kaikli	5	Depressions on hills	Yes	1
	St. Nicholas	5	Depressions on mountains	Yes	2
411X: Typic Cryumbrepts, loamy-skeletal, 15 to 75 percent slopes	Typic Cryumbrepts, loamy-sk	85	Mountains	No	—
	Mosman	10	Mountains	No	—
	Kupreanof	5	Mountains	No	—
412X: Lithic Cryumbrepts, loamy-skeletal, mixed-Rock outcrop complex, 55 to 120 percent slopes	Lithic Cryumbrepts, loamy-sk	70	Mountains	No	—
	Lithic Humicryods	30	Mountains	No	—
415X: Cryofluent and Typic Cryaquent soils, 0 to 15 percent slopes, alpine	Cryofluents	55	Flood plains	No	—
	Typic Cryaquents	35	Mountain slopes	Yes	2,4
	Tuxekan	5	Terraces, fans	No	—
	Tonowek	5	Terraces	No	—
422X: Lithic Cryaquods-Lithic Cryosaprists association, 35 to 120 percent slopes	Lithic Cryaquods	65	Depressions	Yes	2
	Lithic Cryosaprists	25	Bogs	Yes	1
	Tolstoi	5	Mountains	No	—
	Mosman	5	Mountains	No	—
424X: Cryosaprists-Lithic Cryaquods complex, 10 to 45 percent slopes	Cryosaprists	55	Mountain slopes	Yes	1
	Lithic Cryaquods	35	Depressions	Yes	2
	Kaikli	5	Depressions on hills	Yes	1
	Mosman	5	Mountains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
425X: Typic Humicryods-Typic Cryumbrepts, loamy-skeletal complex, 15 to 75 percent slopes	Typic Humicryods	50	Mountains	No	—
	Typic Cryumbrepts, loamy-sk	40	Mountains	No	—
	Lithic Humicryods	10	Mountains	No	—
426X: Lithic Humicryods, subalpine-Lithic Cryumbrepts, loamy-skeletal, mixed complex, 75 to 120 percent slopes	Lithic Humicryods	45	Mountains	No	—
	Lithic Cryumbrepts, loamy-sk	45	Mountains	No	—
	Typic Humicryods	10	Mountains	No	—
430X: Lithic Humicryods-Rock outcrop complex, 60 to 150 percent slopes	Lithic Humicryods	50	Mountains	No	—
	Rock outcrop	40	Mountains	Unranked	—
	Lithic Cryumbrepts	10	Mountains	No	—
431X: Typic Humicryods, 15 to 75 percent slopes	Typic Humicryods	90	Mountains	No	—
	Lithic Humicryods	5	Mountains	No	—
	Cryaquods	5	Depressions	Yes	2
432X: Histosols-Lithic Humicryods complex, 15 to 75 percent slopes	Histosols	50	Depressions	Yes	1
	Lithic Humicryods	40	Mountains	No	—
	Lithic Cryaquods	5	Depressions	Yes	2
	Lithic Cryofolists	5	Mountains	No	—
435X: Lithic Humicryods, 15 to 75 percent slopes	Lithic Humicryods	90	Mountains	No	—
	Lithic Cryofolists	10	Mountains	No	—
436X: Lithic Humicryods, 75 to 120 percent slopes	Lithic Humicryods	90	Mountains	No	—
	Lithic Cryofolists	10	Mountains	No	—
437X: Cryaquods-Lithic Humicryods complex, 5 to 35 percent slope	Cryaquods	65	Mountain slopes	Yes	2
	Lithic Humicryods	25	Mountains	No	—
	Histosols	10	Depressions	Yes	1
438X: Lithic Humicryods-Cryaquods complex, 35 to 75 percent slopes	Lithic Humicryods	45	Mountains	No	—
	Cryaquods	45	Mountain slopes	Yes	2
	Histosols	10	Depressions	Yes	1

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Hydric Soil List - All Components--AK645-Stikine Area, Alaska					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
439X: Lithic Humicryods-Cryaquods complex, 75 to 120 percent slopes	Lithic Humicryods	65	Mountains	No	—
	Cryaquods	25	Mountain slopes	Yes	2
	Lithic Cryosaprists	10	Depressions	Yes	1
440X: Lithic Humicryods-Typic Humicryods complex, 15 to 75 percent slopes	Lithic Humicryods	50	Mountains	No	—
	Typic Humicryods	40	Mountains	No	—
	Cryaquods	5	Depressions	Yes	2
	Terric Cryosaprists	5	Mountains	Yes	1
441X: Lithic Humicryods-Typic Humicryods complex, 75 to 110 percent slopes	Lithic Humicryods	60	Mountains	No	—
	Typic Humicryods	30	Mountains	No	—
	Cryaquods	5	Depressions	Yes	2
	Terric Cryosaprists	5	Mountains	Yes	1
450X: Typic Humicryods, 10 to 45 percent slopes	Typic Humicryods	90	Mountains	No	—
	Mitkof	10	Mountains, till plains	No	—
451X: Cryods-Typic Cryaquents, moderately wet association, 0 to 5 percent slopes	Cryods	70	Mountains	No	—
	Typic Cryaquents	20	Depressions	Yes	2,4
	Typic Cryofluvents	5	Flood plains	No	—
	Typic Cryorthents	5	Mountains	No	—
453X: Typic Cryofluvents and Typic Cryorthents soils, 0 to 5 percent slopes	Typic Cryofluvents	45	Flood plains	No	—
	Typic Cryorthents	45	Fans	No	—
	Tuxekan	5	Terraces, fans	No	—
	Riverwash	5	Flood plains	Unranked	—
455X: Typic Cryaquents, gravelly substratum, 0 to 3 percent slopes	Typic Cryaquents	90	Flood plains	Yes	2,4
	Chilkoot-Poorly drained	10	Flood plains	Yes	2,4
457X: Histic Cryaquepts and Terric Cryosaprists, euc soils, 0 to 3 percent slopes	Histic Cryaquepts	55	Bogs	Yes	2
	Terric Cryosaprists, euc	35	Bogs	Yes	1
	Typic Cryaquents	10	Flood plains	Yes	2,4

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
458X: Typic Haplocryods-Terric Cryosaprists, dysic complex, 5 to 35 percent slopes	Typic Haplocryods	65	Mountains	No	—
	Terric Cryosaprists, dysic	25	Mountains	Yes	1
	Kina	5	Depressions	Yes	1
	Tuxekan	5	Alluvial fans,terraces	No	—
460X: Cryohemists and Cryosaprists soils, 3 to 35 percent slopes	Cryohemists	45	Depressions	Yes	1
	Cryosaprists	45	Bogs	Yes	1
	Wadleigh	5	Depressions on hills	Yes	2
	Nakwasina	5	Depressions	Yes	2
470X: Cryaquents and Cryaquepts soils, 0 to 3 percent slopes	Cryaquents	45	Marshes	Yes	2
	Cryaquepts	45	Depressions	Yes	2
	Aeric Cryaquepts	5	Depressions	Yes	2
	Terric Cryosaprists	5	Mountains	Yes	1
480X: Fluvaquent Cryohemists, 0 to 3 percent slopes	Fluvaquent Cryohemists	90	Bogs	Yes	1,4
	Typic Cryohemists	10	Depressions	Yes	1
481X: Typic Cryaquents, moderately wet, overblown, 0 to 3 percent slopes	Typic Cryaquents	85	Depressions	Yes	2,4
	Entic Cryumbrepts	5	Terraces	No	—
	Riverwash	5	Flood plains	Unranked	—
	Typic Cryaquepts (wet)	5	Depressions	Yes	2,4
482X: Typic Cryaquents, moderately wet, 0 to 3 percent slopes	Typic Cryaquents	85	Depressions	Yes	2,4
	Typic Cryaquents (wet)	10	Depressions	Yes	2,4
	Riverwash	5	Flood plains	Unranked	—
483X: Entic Cryumbrepts-Dunes complex, 10 to 40 percent slopes	Entic Cryumbrepts	65	Hills	No	—
	Dune land	25	Dunes	Unranked	—
	Typic Cryaquents	5	Depressions	Yes	2,4
	Riverwash	5	Flood plains	Unranked	—
485X: Typic Cryaquents, overblown, 0 to 3 percent slopes	Typic Cryaquents	85	Flood plains	Yes	2,4
	Sand dunes-Sand dunes	10	Dunes	Unranked	—
	Riverwash	5	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)
486X: Typic Cryaquents, 0 to 3 percent slopes	Typic Cryaquents	90	Flood plains	Yes	2,4
	Riverwash	10	Flood plains	Unranked	—
488X: Histosols-Cryaquods, till substratum complex, 0 to 3 percent slopes	Histosols	55	Depressions	Yes	1
	Cryaquods	35	Terraces	Yes	2
489X: Typic Haplocryods, 0 to 3 percent slopes	Fanshaw	10	Outwash plains	No	—
	Typic Haplocryods	90	Alluvial fans	No	—
490X: Typic Cryumbrepts, loamy, windblown, 30 to 90 percent slopes	Cryaquods	10	Alluvial fans	Yes	2
	Typic Cryumbrepts, loamy	90	Mountains	No	—
491X: Typic Cryumbrepts, loamy, 30 to 90 percent slopes	Rock outcrop	10	Mountains	Unranked	—
	Typic Cryumbrepts, loamy	90	Mountains	No	—
494X: Blaquirre-Histosols complex, 0 to 12 percent slopes	Rock outcrop	10	Mountains	Unranked	—
	Blaquirre	50	Mountains	No	—
SW: Salt Water	Histosols	40	Depressions	Yes	1
	Cryaquods	5	Depressions	Yes	2
	Mosman	5	Mountains	No	—
W: Water	Salt Water	100-100	—	—	—
	Water	100	—	Unranked	—