


MAP LEGEND

Area of Interest (AOI)

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Soils



 Soil Map Units

Soil Ratings



-  Excessively drained
-  Somewhat excessively drained
-  Well drained
-  Moderately well drained
-  Somewhat poorly drained
-  Poorly drained
-  Very poorly drained
-  Not rated or not available

Political Features

Municipalities

-  Cities
-  Urban Areas



Water Features

-  Oceans
-  Streams and Canals


Transportation


 Rails

Roads

-  Interstate Highways
-  US Routes

 State Highways

 Local Roads

 Other Roads

MAP INFORMATION

Original soil survey map sheets were prepared at publication scale. Viewing scale and printing scale, however, may vary from the original. Please rely on the bar scale on each map sheet for proper map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: UTM Zone 10N

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Tahoe Basin Area, California and Nevada
 Survey Area Data: Version 8, Feb 14, 2008

Date(s) aerial images were photographed: 8/25/1998; 8/26/1998; 9/19/1998

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Drainage Class

Drainage Class— Summary by Map Unit — Tahoe Basin Area, California and Nevada				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
7011	Beaches		73.1	0.8%
7031	Pits and dumps		2.7	0.0%
7041	Tahoe complex, 0 to 2 percent slopes	Very poorly drained	211.3	2.3%
7042	Tahoe complex, 0 to 5 percent slopes, gravelly	Poorly drained	80.4	0.9%
7071	Watah peat, 0 to 2 percent slopes	Very poorly drained	108.1	1.2%
7191	Rock outcrop, volcanic		47.7	0.5%
7413	Cagwin Rock outcrop complex, 30 to 50 percent slopes, extremely stony	Somewhat excessively drained	93.3	1.0%
7414	Cagwin-Rock outcrop complex, 50 to 70 percent slopes, extremely stony	Somewhat excessively drained	10.0	0.1%
7421	Cassenai gravelly loamy coarse sand, 5 to 15 percent slopes, very stony	Somewhat excessively drained	11.5	0.1%
7422	Cassenai gravelly loamy coarse sand, 15 to 30 percent slopes, very stony	Somewhat excessively drained	24.0	0.3%
7423	Cassenai gravelly loamy coarse sand, 30 to 50 percent slopes, very stony	Somewhat excessively drained	14.0	0.2%
7424	Cassenai gravelly loamy coarse sand, 50 to 70 percent slopes, very stony	Somewhat excessively drained	40.8	0.5%
7426	Cassenai cobbly loamy coarse sand, moist, 15 to 30 percent slopes, very bouldery	Somewhat excessively drained	27.1	0.3%
7427	Cassenai cobbly loamy coarse sand, moist, 30 to 50 percent slopes, very bouldery	Somewhat excessively drained	26.4	0.3%
7428	Cassenai cobbly loamy coarse sand, moist, 50 to 70 percent slopes, very bouldery	Somewhat excessively drained	15.5	0.2%

Drainage Class— Summary by Map Unit — Tahoe Basin Area, California and Nevada				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
7451	Gefo gravelly loamy coarse sand, 2 to 9 percent slopes	Somewhat excessively drained	41.3	0.5%
7452	Gefo gravelly loamy coarse sand, 9 to 30 percent slopes	Somewhat excessively drained	129.3	1.4%
7471	Marla loamy coarse sand, 0 to 5 percent slopes	Poorly drained	24.7	0.3%
7484	Meeks gravelly loamy coarse sand, 5 to 15 percent slopes, extremely bouldery	Somewhat excessively drained	301.7	3.4%
7485	Meeks gravelly loamy coarse sand, 15 to 30 percent slopes, extremely bouldery	Somewhat excessively drained	376.0	4.2%
7486	Meeks gravelly loamy coarse sand, 30 to 70 percent slopes, extremely bouldery	Somewhat excessively drained	807.1	9.0%
7487	Meeks gravelly loamy coarse sand, 5 to 15 percent slopes, rubbly	Somewhat excessively drained	42.3	0.5%
7488	Meeks gravelly loamy coarse sand, 15 to 30 percent slopes, rubbly	Somewhat excessively drained	230.2	2.6%
7489	Meeks gravelly loamy coarse sand, 30 to 70 percent slopes, rubbly	Somewhat excessively drained	554.4	6.2%
7500	Rock outcrop, granitic		477.1	5.3%
7501	Rock Outcrop-Rockbound complex, 5 to 30 percent slopes		225.8	2.5%
7502	Rock Outcrop-Rockbound complex, 30 to 70 percent slopes		813.6	9.0%
7521	Tallac gravelly coarse sandy loam, 5 to 15 percent slopes, very stony	Well drained	231.1	2.6%
7522	Tallac gravelly coarse sandy loam, 15 to 30 percent slopes, very stony	Well drained	82.7	0.9%
7523	Tallac gravelly coarse sandy loam, 30 to 70 percent slopes, very stony	Well drained	21.1	0.2%

Drainage Class— Summary by Map Unit — Tahoe Basin Area, California and Nevada				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
7524	Tallac gravelly coarse sandy loam, moderately well drained, 0 to 5 percent slopes	Moderately well drained	739.5	8.2%
7525	Tallac gravelly coarse sandy loam, moderately well drained, 5 to 9 percent slopes	Moderately well drained	476.1	5.3%
7531	Toem-Rock outcrop complex, 9 to 30 percent slopes	Excessively drained	2.5	0.0%
7533	Toem-Rock outcrop complex, 50 to 70 percent slopes	Excessively drained	61.5	0.7%
9001	Bidart complex, 0 to 2 percent slopes	Very poorly drained	15.4	0.2%
9404	Dagget very gravelly loamy coarse sand, moist, 5 to 15 percent slopes, rubbly	Excessively drained	9.1	0.1%
9405	Dagget very gravelly loamy coarse sand, moist, 15 to 30 percent slopes, rubbly	Excessively drained	34.6	0.4%
9406	Dagget very gravelly loamy coarse sand, moist, 30 to 70 percent slopes, rubbly	Excessively drained	194.9	2.2%
9407	Dagget-Rock outcrop complex, moist, 30 to 70 percent slopes	Excessively drained	17.6	0.2%
9421	Jobsis-Whittell-Rock outcrop complex, cool, 8 to 30 percent slopes	Somewhat excessively drained	17.2	0.2%
9442	Temo-Witefels complex, 15 to 30 percent slopes	Excessively drained	40.7	0.5%
9443	Temo-Witefels complex, 30 to 50 percent slopes	Excessively drained	77.1	0.9%
9444	Temo-Witefels complex, 50 to 70 percent slopes	Excessively drained	335.9	3.7%
9461	Whittell-Jobsis-Rock outcrop complex, cool, 30 to 75 percent slopes	Somewhat excessively drained	78.4	0.9%
W	Water		1,759.0	19.5%
Totals for Area of Interest (AOI)			9,003.4	100.0%

Description

"Drainage class (natural)" refers to the frequency and duration of wet periods under conditions similar to those under which the soil formed. Alterations of the water regime by human activities, either through drainage or irrigation, are not a consideration unless they have significantly changed the morphology of the soil. Seven classes of natural soil drainage are recognized—excessively drained, somewhat excessively drained, well drained, moderately well drained, somewhat poorly drained, poorly drained, and very poorly drained. These classes are defined in the "Soil Survey Manual."

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher