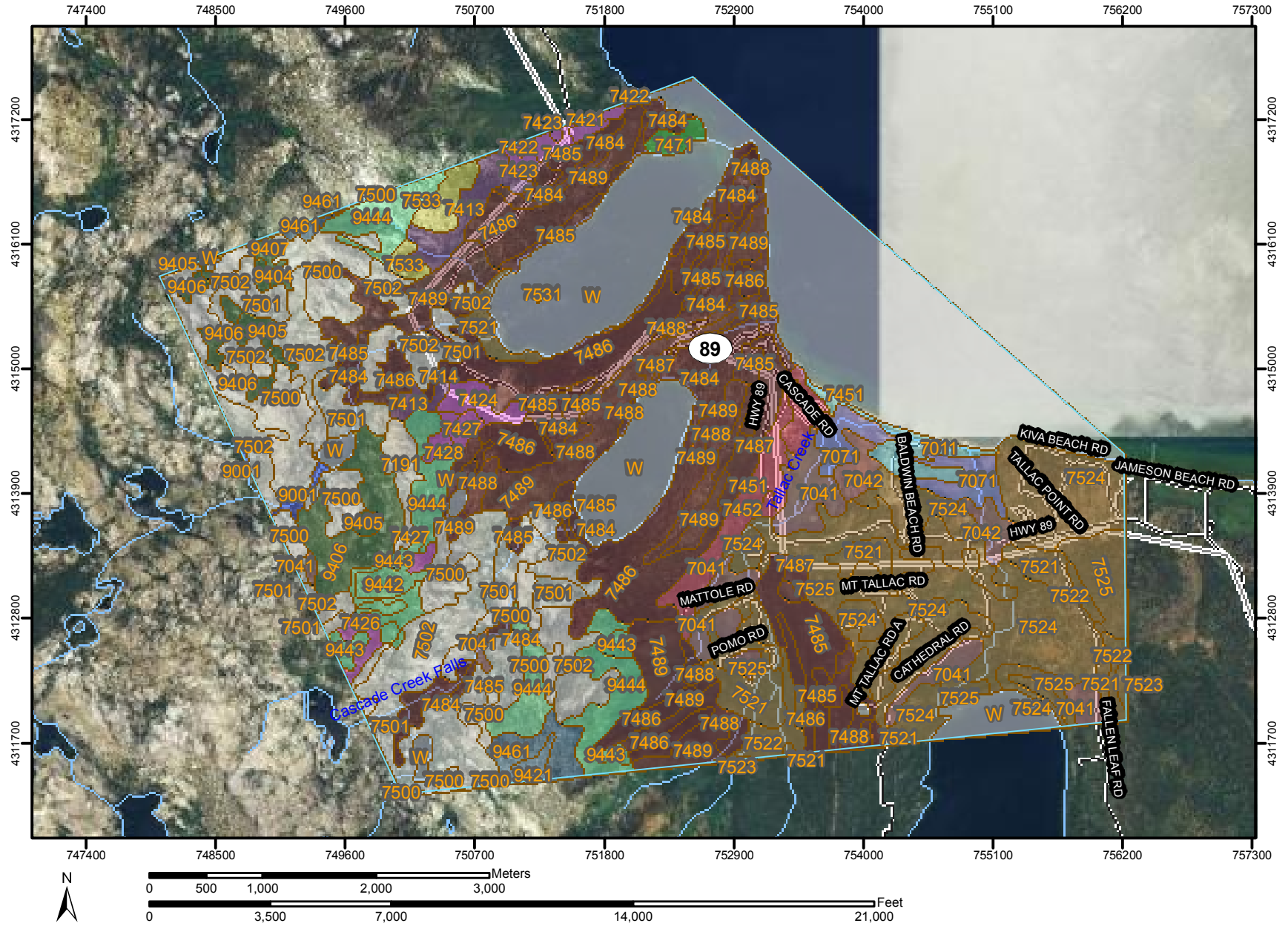
747400
748500
749600
750700
751800
752900
754000
755100
756200
757300
4317200
4316100
4315000
4313900
4312800
4311700
89
HWY 89
CASCADE RD
KIVA BEACH RD
JAMESON BEACH RD
TALLAC POINT RD
BALDWIN BEACH RD
Tallac Creek
MATTOLE RD
MT TALLAC RD
POMO RD
MT TALLAC RD A
CATHEDRAL RD
FALLEN LEAF RD
Cascade Creek Falls
N
Meters
0 500 1,000 2,000 3,000
Feet
0 3,500 7,000 14,000 21,000

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Units

Soil Ratings

- alluvium derived from granitic and volcanic rock
- alluvium derived from granodiorite
- alluvium derived from mixed
- beach sand
- colluvium and/or residuum weathered from granodiorite
- colluvium and/or till derived from granodiorite
- colluvium derived from granodiorite
- colluvium derived from granodiorite over residuum derived from granodiorite
- colluvium over grus derived from granodiorite
- colluvium over residuum weathered from granodiorite
- colluvium over till derived from mixed
- organic material over alluvium
- outwash derived from granodiorite
- till derived from granodiorite
- 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.

Parent Material Name

Parent Material Name— 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	beach sand	73.1	0.8%
7031	Pits and dumps		2.7	0.0%
7041	Tahoe complex, 0 to 2 percent slopes	alluvium derived from granitic and volcanic rock	211.3	2.3%
7042	Tahoe complex, 0 to 5 percent slopes, gravelly	alluvium derived from granitic and volcanic rock	80.4	0.9%
7071	Watah peat, 0 to 2 percent slopes	organic material over alluvium	108.1	1.2%
7191	Rock outcrop, volcanic		47.7	0.5%
7413	Cagwin Rock outcrop complex, 30 to 50 percent slopes, extremely stony	colluvium over grus derived from granodiorite	93.3	1.0%
7414	Cagwin-Rock outcrop complex, 50 to 70 percent slopes, extremely stony	colluvium over grus derived from granodiorite	10.0	0.1%
7421	Cassenai gravelly loamy coarse sand, 5 to 15 percent slopes, very stony	colluvium derived from granodiorite	11.5	0.1%
7422	Cassenai gravelly loamy coarse sand, 15 to 30 percent slopes, very stony	colluvium derived from granodiorite	24.0	0.3%
7423	Cassenai gravelly loamy coarse sand, 30 to 50 percent slopes, very stony	colluvium derived from granodiorite	14.0	0.2%
7424	Cassenai gravelly loamy coarse sand, 50 to 70 percent slopes, very stony	colluvium derived from granodiorite	40.8	0.5%
7426	Cassenai cobbly loamy coarse sand, moist, 15 to 30 percent slopes, very bouldery	colluvium derived from granodiorite	27.1	0.3%
7427	Cassenai cobbly loamy coarse sand, moist, 30 to 50 percent slopes, very bouldery	colluvium derived from granodiorite	26.4	0.3%
7428	Cassenai cobbly loamy coarse sand, moist, 50 to 70 percent slopes, very bouldery	colluvium derived from granodiorite	15.5	0.2%

Parent Material Name— 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	outwash derived from granodiorite	41.3	0.5%
7452	Gefo gravelly loamy coarse sand, 9 to 30 percent slopes	outwash derived from granodiorite	129.3	1.4%
7471	Marla loamy coarse sand, 0 to 5 percent slopes	alluvium derived from granodiorite	24.7	0.3%
7484	Meeks gravelly loamy coarse sand, 5 to 15 percent slopes, extremely bouldery	till derived from granodiorite	301.7	3.4%
7485	Meeks gravelly loamy coarse sand, 15 to 30 percent slopes, extremenly bouldery	till derived from granodiorite	376.0	4.2%
7486	Meeks gravelly loamy coarse sand, 30 to 70 percent slopes, extremely bouldery	till derived from granodiorite	807.1	9.0%
7487	Meeks gravelly loamy coarse sand, 5 to 15 percent slopes, rubbly	till derived from granodiorite	42.3	0.5%
7488	Meeks gravelly loamy coarse sand, 15 to 30 percent slopes, rubbly	till derived from granodiorite	230.2	2.6%
7489	Meeks gravelly loamy coarse sand, 30 to 70 percent slopes, rubbly	till derived from granodiorite	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	colluvium over till derived from mixed	231.1	2.6%
7522	Tallac gravelly coarse sandy loam, 15 to 30 percent slopes, very stony	colluvium over till derived from mixed	82.7	0.9%
7523	Tallac gravelly coarse sandy loam, 30 to 70 percent slopes, very stony	colluvium over till derived from mixed	21.1	0.2%

Parent Material Name— 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	colluvium over till derived from mixed	739.5	8.2%
7525	Tallac gravelly coarse sandy loam, moderately well drained, 5 to 9 percent slopes	colluvium over till derived from mixed	476.1	5.3%
7531	Toem-Rock outcrop complex, 9 to 30 percent slopes	colluvium and/or residuum weathered from granodiorite	2.5	0.0%
7533	Toem-Rock outcrop complex, 50 to 70 percent slopes	colluvium and/or residuum weathered from granodiorite	61.5	0.7%
9001	Bidart complex, 0 to 2 percent slopes	alluvium derived from mixed	15.4	0.2%
9404	Dagget very gravelly loamy coarse sand, moist, 5 to 15 percent slopes, rubbly	colluvium and/or till derived from granodiorite	9.1	0.1%
9405	Dagget very gravelly loamy coarse sand, moist, 15 to 30 percent slopes, rubbly	colluvium and/or till derived from granodiorite	34.6	0.4%
9406	Dagget very gravelly loamy coarse sand, moist, 30 to 70 percent slopes, rubbly	colluvium and/or till derived from granodiorite	194.9	2.2%
9407	Dagget-Rock outcrop complex, moist, 30 to 70 percent slopes	colluvium and/or till derived from granodiorite	17.6	0.2%
9421	Jobsis-Whittell-Rock outcrop complex, cool, 8 to 30 percent slopes	colluvium derived from granodiorite over residuum derived from granodiorite	17.2	0.2%
9442	Temo-Witefels complex, 15 to 30 percent slopes	colluvium over residuum weathered from granodiorite	40.7	0.5%
9443	Temo-Witefels complex, 30 to 50 percent slopes	colluvium over residuum weathered from granodiorite	77.1	0.9%
9444	Temo-Witefels complex, 50 to 70 percent slopes	colluvium over residuum weathered from granodiorite	335.9	3.7%
9461	Whittell-Jobsis-Rock outcrop complex, cool, 30 to 75 percent slopes	colluvium derived from granodiorite over residuum derived from granodiorite	78.4	0.9%
W	Water		1,759.0	19.5%
Totals for Area of Interest (AOI)			9,003.4	100.0%

Description

Parent material name is a term for the general physical, chemical, and mineralogical composition of the unconsolidated material, mineral or organic, in which the soil forms. Mode of deposition and/or weathering may be implied by the name.

The soil surveyor uses parent material to develop a model used for soil mapping. Soil scientists and specialists in other disciplines use parent material to help interpret soil boundaries and project performance of the material below the soil. Many soil properties relate to parent material. Among these properties are proportions of sand, silt, and clay; chemical content; bulk density; structure; and the kinds and amounts of rock fragments. These properties affect interpretations and may be criteria used to separate soil series. Soil properties and landscape information may imply the kind of parent material.

For each soil in the database, one or more parent materials may be identified. One is marked as the representative or most commonly occurring. The representative parent material name is presented here.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Lower