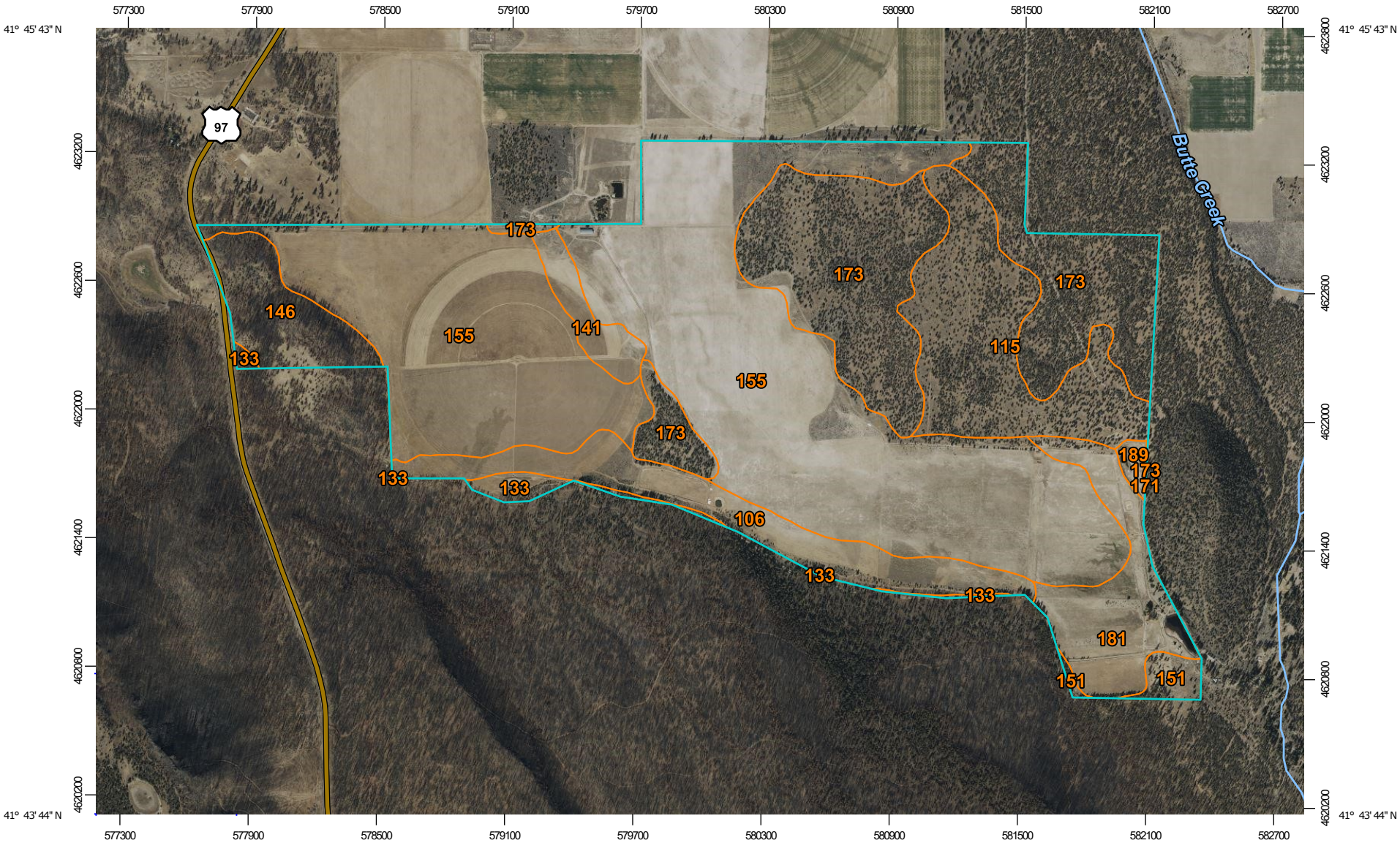
Soil Map—Butte Valley-Tule Lake Area, California, Parts of Siskiyou and Modoc Counties
(Williams Ranch)



Map Scale: 1:25,800 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 350 700 1400 2100

Feet
0 1000 2000 4000 6000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

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

Soil Survey Area: Butte Valley-Tule Lake Area, California, Parts of Siskiyou and Modoc Counties
Survey Area Data: Version 21, Sep 5, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 12, 2022—Oct 17, 2022

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
106	Dehill fine sandy loam, 0 to 5 percent slopes	115.8	6.8%
115	Dunnlake-Lequieu complex, 2 to 9 percent slopes	176.7	10.4%
133	Kalo stony sandy loam, 5 to 30 percent slopes	17.3	1.0%
141	Leavers sandy loam, 0 to 2 percent slopes	29.8	1.8%
146	Madeline-Capona complex, 2 to 15 percent slopes	67.6	4.0%
151	Mojo-Pinehurst complex, 5 to 15 percent slopes	15.7	0.9%
155	Munnell gravelly loam, slightly wet, 0 to 2 percent slopes	833.9	49.2%
171	Searles-Orhood complex, 30 to 50 percent slopes	0.0	0.0%
173	Searles-Truax-Orhood complex, 2 to 15 percent slopes	332.3	19.6%
181	Truax fine sandy loam, 0 to 5 percent slopes	97.9	5.8%
189	Water	6.4	0.4%
Totals for Area of Interest		**1,693.4**	**100.0%**