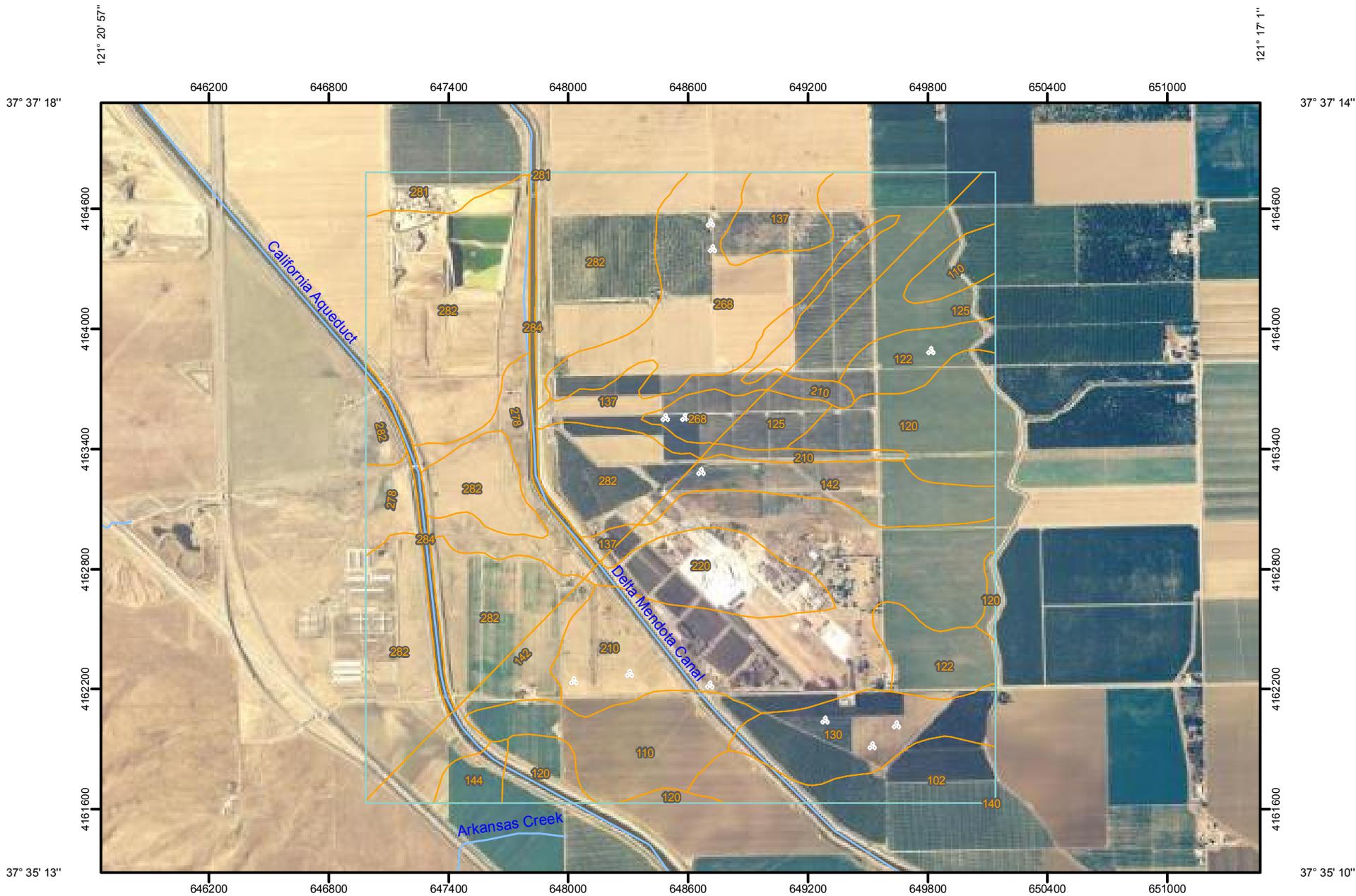


Soil Map—San Joaquin County, California; and Stanislaus County, California, Western Part



121° 21' 0"



Map Scale: 1:27,500 if printed on A size (8.5" x 11") sheet.



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Units

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

-  Gully
-  Short Steep Slope
-  Other

Political Features

 Cities

Water Features

-  Oceans
-  Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads

MAP INFORMATION

Map Scale: 1:27,500 if printed on A size (8.5" × 11") sheet.

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

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

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: UTM Zone 10N NAD83

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

Soil Survey Area: San Joaquin County, California
 Survey Area Data: Version 6, Jul 25, 2008

Soil Survey Area: Stanislaus County, California, Western Part
 Survey Area Data: Version 6, May 11, 2009

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Date(s) aerial images were photographed: 6/30/2005; 6/13/2005

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

| San Joaquin County, California (CA077) | | | |
|--|---|----------------|----------------|
| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
| 137 | Cortina gravelly sandy loam, 0 to 5 percent slopes | 114.2 | 4.7% |
| 268 | Vernalis clay loam, 0 to 2 percent slopes | 270.2 | 11.0% |
| 278 | Xerofluvents-Xerorthents complex, 1 to 8 percent slopes, occasionally flooded | 84.9 | 3.5% |
| 281 | Zacharias clay loam, 0 to 2 percent slopes | 30.4 | 1.2% |
| 282 | Zacharias gravelly clay loam, 0 to 2 percent slopes | 663.2 | 27.0% |
| 284 | Water | 33.5 | 1.4% |
| Subtotals for Soil Survey Area | | 1,196.4 | 48.8% |
| Totals for Area of Interest | | 2,453.4 | 100.0% |

| Stanislaus County, California, Western Part (CA642) | | | |
|---|---|----------------|----------------|
| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
| 102 | Capay clay, loamy substratum, 0 to 2 percent slopes | 78.0 | 3.2% |
| 110 | El Solyo silty clay loam, 0 to 2 percent slopes | 134.1 | 5.5% |
| 120 | Vernalis-Zacharias complex, 0 to 2 percent slopes | 135.2 | 5.5% |
| 122 | Vernalis loam, 0 to 2 percent slopes | 91.0 | 3.7% |
| 125 | Vernalis clay loam, 0 to 2 percent slopes | 103.5 | 4.2% |
| 130 | Stomar clay loam, 0 to 2 percent slopes | 96.8 | 3.9% |
| 140 | Zacharias clay loam, 0 to 2 percent slopes | 0.1 | 0.0% |
| 142 | Zacharias gravelly clay loam, 0 to 2 percent slopes | 147.0 | 6.0% |
| 144 | Zacharias gravelly clay loam, 2 to 5 percent slopes | 19.7 | 0.8% |
| 210 | Cortina gravelly sandy loam, 0 to 5 percent slopes, rarely flooded | 366.8 | 15.0% |
| 220 | Xerofluvents-Xerorthents complex, 1 to 8 percent slopes, occasionally flooded | 84.6 | 3.4% |
| Subtotals for Soil Survey Area | | 1,257.0 | 51.2% |
| Totals for Area of Interest | | 2,453.4 | 100.0% |