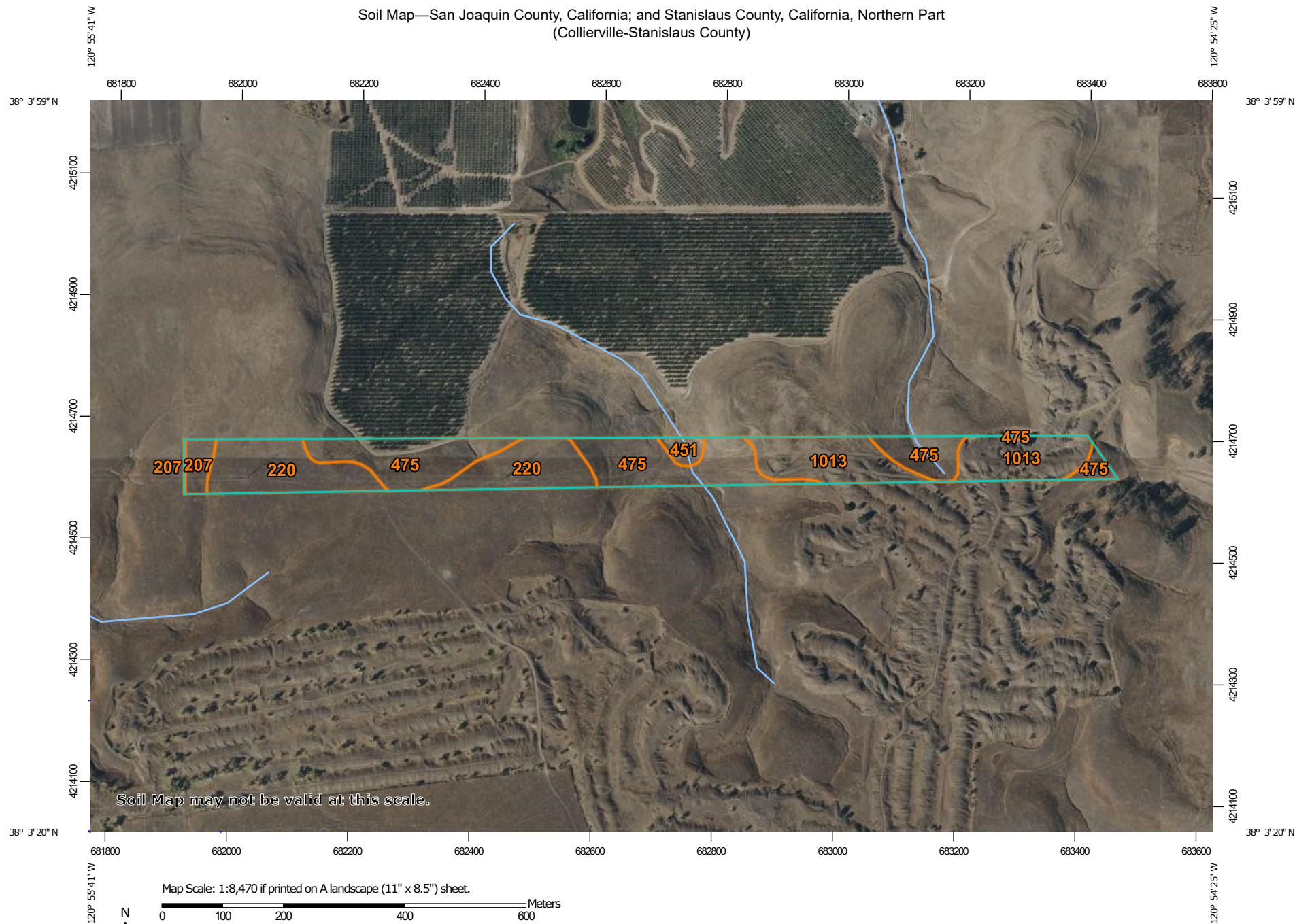


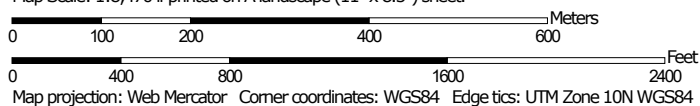
**APPENDIX 4.2.2.1-2      Collierville-Stanislaus County Soils Report**

Soil Map—San Joaquin County, California; and Stanislaus County, California, Northern Part  
(Collierville-Stanislaus County)



Soil Map may not be valid at this scale.

Map Scale: 1:8,470 if printed on A landscape (11" x 8.5") sheet.



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

7/18/2025  
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Soil Map—San Joaquin County, California; and Stanislaus County, California, Northern Part  
(Collierville-Stanislaus County)

## 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.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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: San Joaquin County, California

Survey Area Data: Version 18, Sep 8, 2024

Soil Survey Area: Stanislaus County, California, Northern Part

Survey Area Data: Version 16, Sep 8, 2024

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.

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

Date(s) aerial images were photographed: Oct 3, 2022—Oct 6, 2022

## MAP LEGEND

## MAP INFORMATION

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 |
|---------------------------------------|-------------------------------------------|--------------|----------------|
| 207                                   | Pentz sandy loam, 15 to 50 percent slopes | 0.1          | 0.2%           |
| <b>Subtotals for Soil Survey Area</b> |                                           | <b>0.1</b>   | <b>0.2%</b>    |
| <b>Totals for Area of Interest</b>    |                                           | <b>30.4</b>  | <b>100.0%</b>  |

| Map Unit Symbol                       | Map Unit Name                                                     | Acres in AOI | Percent of AOI |
|---------------------------------------|-------------------------------------------------------------------|--------------|----------------|
| 207                                   | Pentz sandy loam, 15 to 50 percent slopes                         | 0.9          | 3.1%           |
| 220                                   | Redding gravelly loam, 0 to 8 percent slopes, dry                 | 8.6          | 28.1%          |
| 451                                   | Pentz-Peters association, 2 to 15 percent slopes                  | 0.7          | 2.2%           |
| 475                                   | Pentz-Peters association, 2 to 50 percent slopes                  | 12.2         | 40.2%          |
| 1013                                  | Mined Land-Anthraltic Xerorthents complex, 1 to 15 percent slopes | 7.9          | 26.2%          |
| <b>Subtotals for Soil Survey Area</b> |                                                                   | <b>30.3</b>  | <b>99.8%</b>   |
| <b>Totals for Area of Interest</b>    |                                                                   | <b>30.4</b>  | <b>100.0%</b>  |