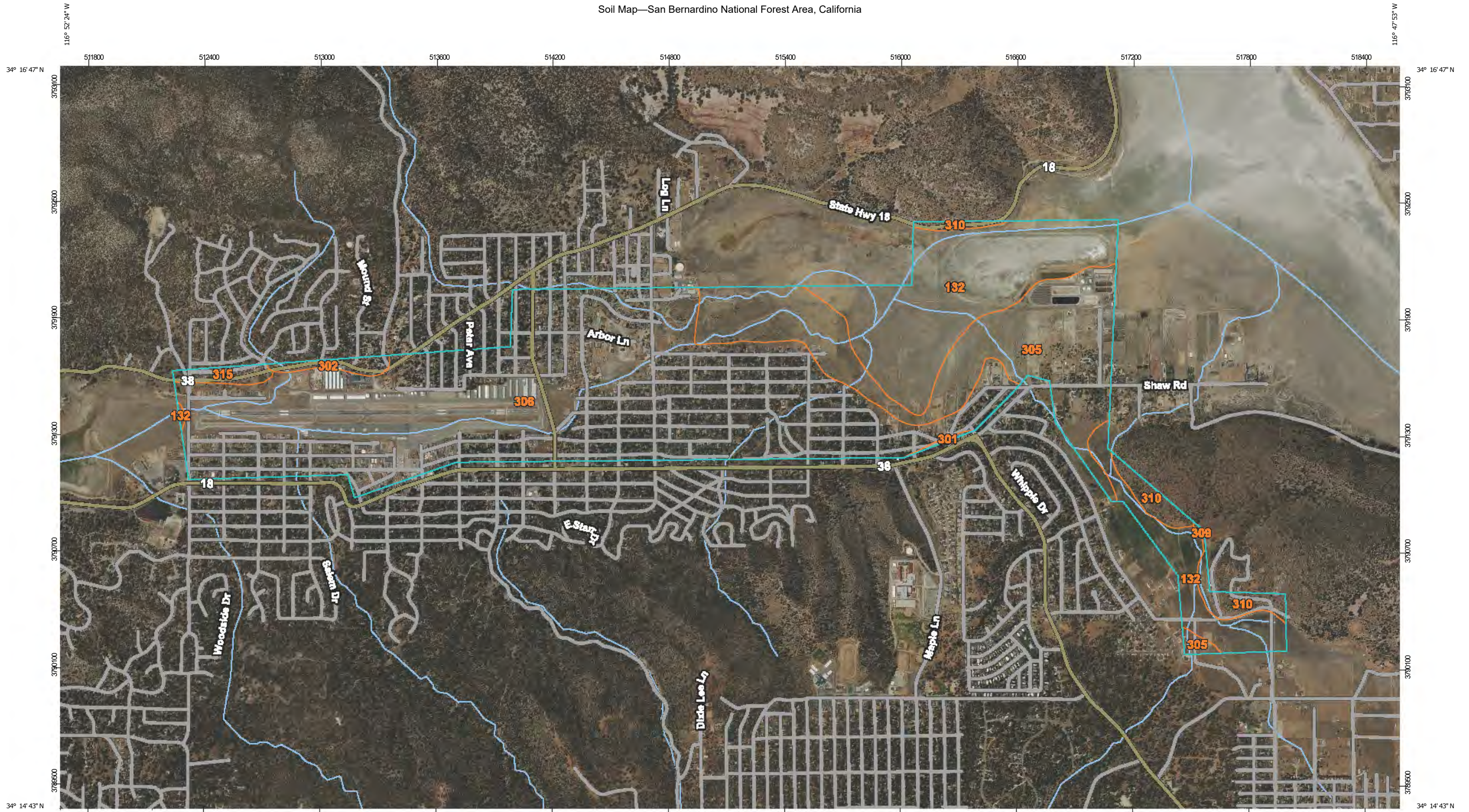
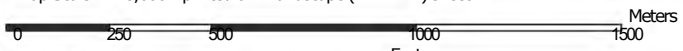


Soil Map—San Bernardino National Forest Area, California



Map Scale: 1:18,600 if printed on B landscape (17" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84




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## 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: San Bernardino National Forest Area, California

Survey Area Data: Version 14, Sep 1, 2022

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

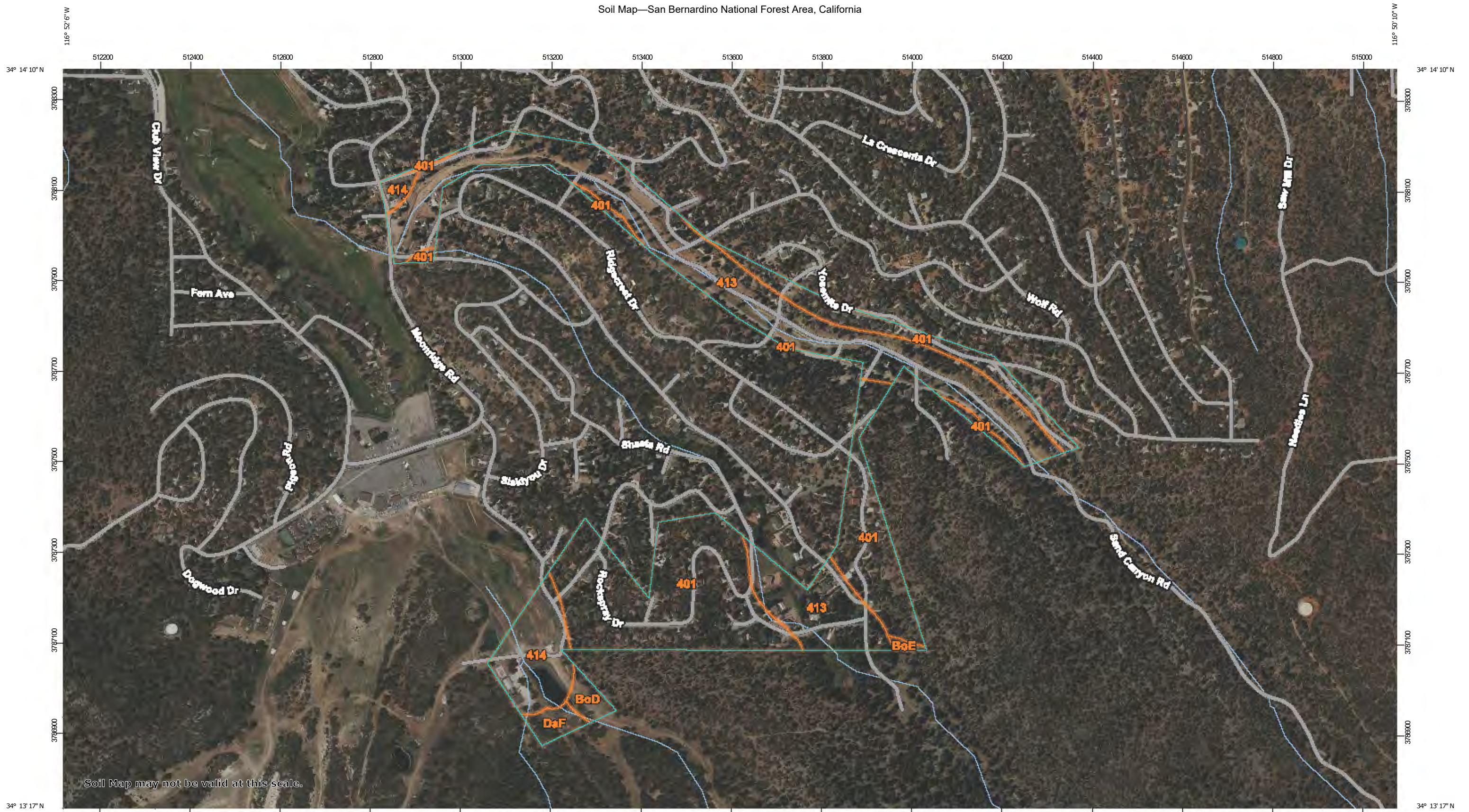
Date(s) aerial images were photographed: Feb 27, 2021—May 27, 2021

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.

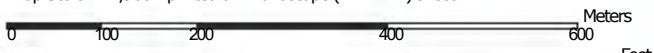
## Map Unit Legend

| Map Unit Symbol                    | Map Unit Name   | Acres in AOI   | Percent of AOI |
|------------------------------------|---|----------------|----------------|
| 132                                | Aquents-Grunney complex, 0 to 4 percent slopes                      | 218.4          | 20.5%          |
| 301                                | Garloaf-Cariboucreek complex, 15 to 30 percent slopes               | 1.2            | 0.1%           |
| 302                                | Garloaf-Cariboucreek-Urban land complex, 9 to 15 percent slopes     | 9.2            | 0.9%           |
| 305                                | Moonridge-Shayroad-Cariboucreek complex, 0 to 4 percent slopes      | 197.4          | 18.5%          |
| 306                                | Moonridge-Cariboucreek-Urban land complex, 0 to 4 percent slopes    | 598.0          | 56.1%          |
| 309                                | Goldmountain-Deadmansridge-Deadpan complex, 15 to 30 percent slopes | 0.6            | 0.1%           |
| 310                                | Goldmountain-Deadmansridge-Deadpan complex, 30 to 50 percent slopes | 30.4           | 2.9%           |
| 315                                | Minnelusa-Cariboucreek complex, 9 to 15 percent slopes              | 10.1           | 1.0%           |
| <b>Totals for Area of Interest</b> |   | <b>1,065.4</b> | <b>100.0%</b>  |

Soil Map—San Bernardino National Forest Area, California



Map Scale: 1:7,960 if printed on B landscape (17" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84




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## 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



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Clay Spot

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Sodic Spot



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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 Bernardino National Forest Area, California  
Survey Area Data: Version 14, Sep 1, 2022

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

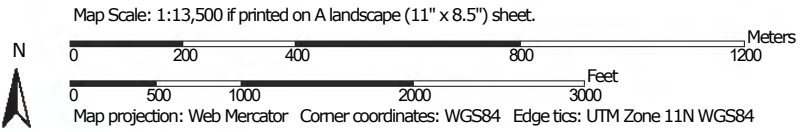
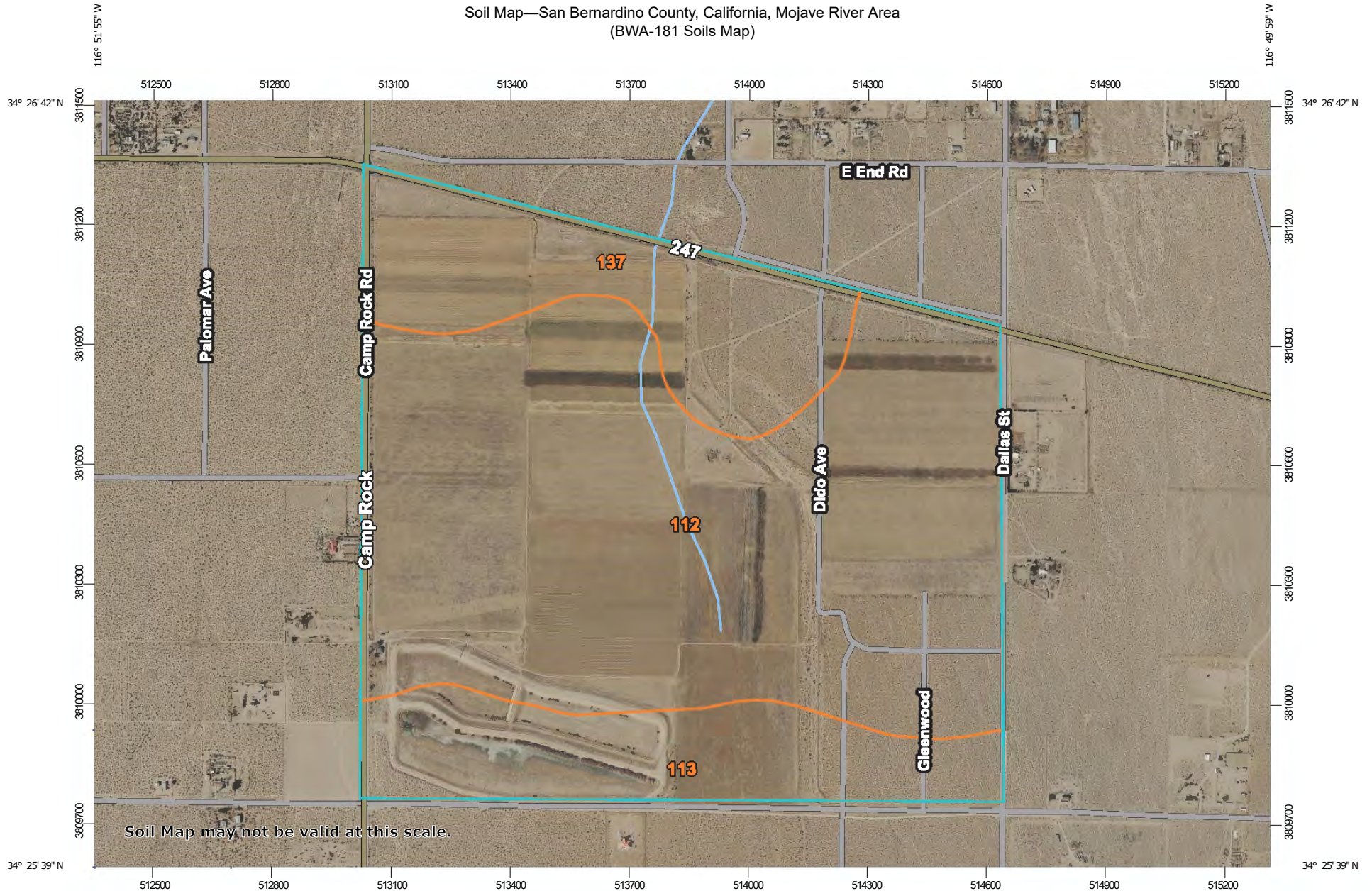
Date(s) aerial images were photographed: Feb 27, 2021—May 27, 2021

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 |
|------------------------------------|---|--------------|----------------|
| 401                                | Garloaf-Cariboucreek-Urban land complex, 15 to 30 percent slopes    | 48.4         | 44.4%          |
| 413                                | Aquents-Riverwash complex, 0 to 4 percent slopes                    | 46.9         | 43.0%          |
| 414                                | Moonridge-Urban land complex, 4 to 9 percent slopes                 | 9.9          | 9.1%           |
| BoD                                | Morical, very deep-Hecker families complex, 2 to 15 percent slopes  | 1.7          | 1.5%           |
| BoE                                | Morical, very deep-Hecker families complex, 15 to 30 percent slopes | 0.4          | 0.3%           |
| DaF                                | Pacifico-Wapi families complex, 30 to 50 percent slopes             | 1.8          | 1.6%           |
| <b>Totals for Area of Interest</b> |   | <b>109.0</b> | <b>100.0%</b>  |


Soil Map—San Bernardino County, California, Mojave River Area  
(BWA-181 Soils Map)



Soil Map—San Bernardino County, California, Mojave River Area  
(BWA-181 Soils Map)


### 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

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 Gravelly Spot



Landfill



Lava Flow



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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 Bernardino County, California, Mojave River Area  
Survey Area Data: Version 14, Sep 1, 2022

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

Date(s) aerial images were photographed: Feb 27, 2021—May 27, 2021

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 |
|------------------------------------|---|--------------|----------------|
| 112                                | CAJON SAND, 0 TO 2<br>PERCENT SLOPES                          | 368.5        | 66.2%          |
| 113                                | CAJON SAND, 2 TO 9<br>PERCENT SLOPES                          | 89.7         | 16.1%          |
| 137                                | KIMBERLINA LOAMY FINE<br>SAND, COOL, 0 TO 2<br>PERCENT SLOPES | 98.3         | 17.7%          |
| <b>Totals for Area of Interest</b> |   | <b>556.6</b> | <b>100.0%</b>  |