APPENDIX 4

116° 32' 59" W
116° 27' 21" W
33° 59' 45" N
33° 56' 24" N
542000
543000
544000
545000
546000
547000
548000
549000
550000
3761000
3760000
3759000
3758000
3757000
3756000

Little Morongo Creek
RO
LR
LR
W
CdC
CkB
Indian
Mission Lakes Blvd
West Dr
Palm Dr
Yucca Dr
San Juan Rd
8th St
7th St
Pomelo Dr
Morongo Dr
Little Morongo Creek
Driveway
Cholla Dr
4th St
2nd St
Pierson
Pierson
CdE
CdC
1250
ChC
CoD
Indian Ave
United Rd
West
Estrella Ave
Desert View Ave
Maui Way
RT
Hacienda Ave
Hacienda
Palm
Indian
Colony Rd
Mission Creek
Tram View Rd
El Rio Ln
Ramona Dr
Sarita Dr
Morongo Wash
Varbena Dr
Yerxa Rd
Mcgarger Rd
Long Canyon
Hacienda

Map Scale: 1:17,400 if printed on C landscape (22" x 17") sheet.
N
Meters
0 250 500 1000 1500
Feet
0 500 1000 2000 3000
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N 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: Riverside County, Coachella Valley Area, California
Survey Area Data: Version 18, Sep 8, 2025

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

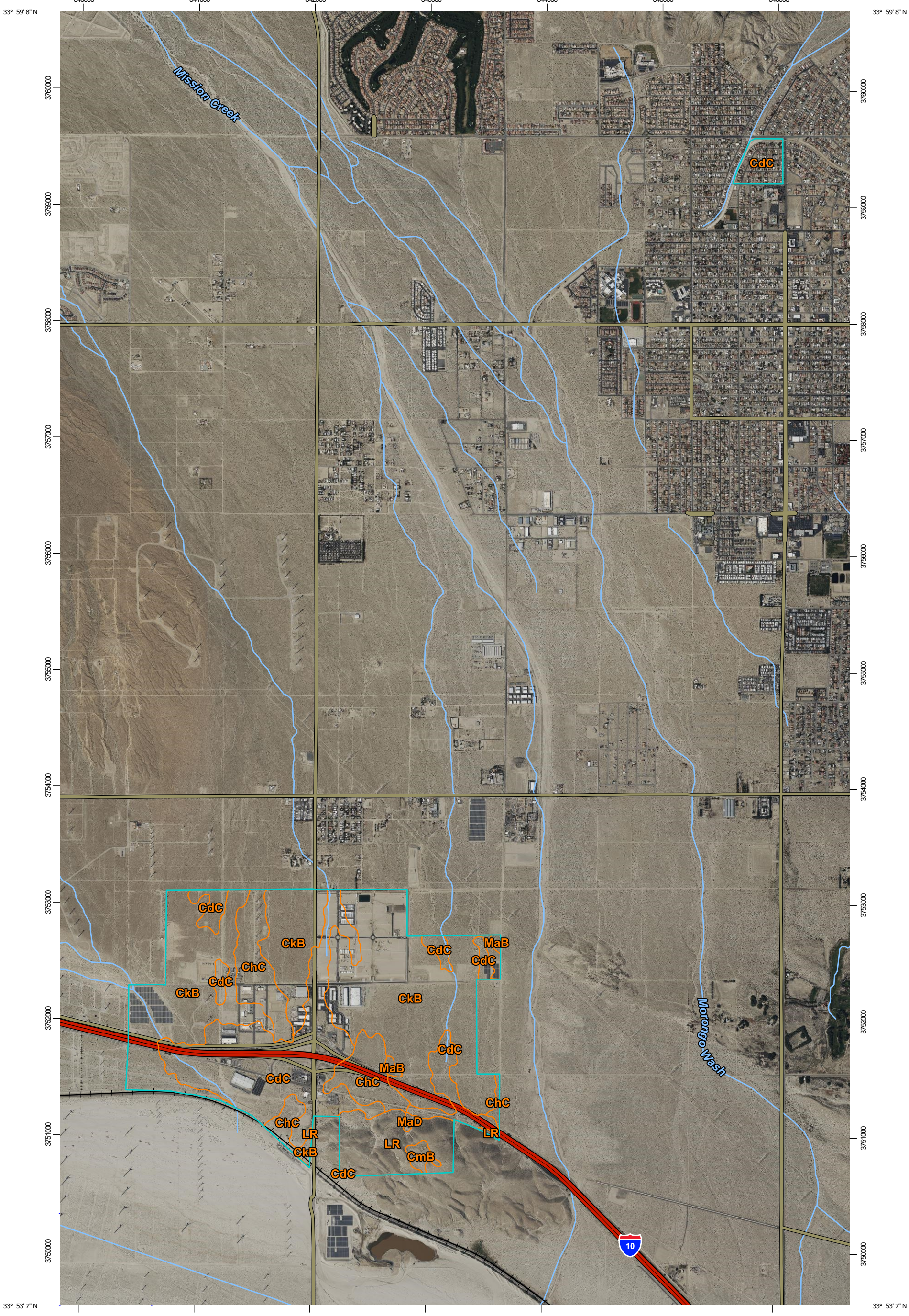
Date(s) aerial images were photographed: Mar 15, 2022—May 28, 2022

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
1250	Ironlung-Rock outcrop complex, 30 to 75 percent slopes	25.5	3.0%
CdC	Carsitas gravelly sand, 0 to 9 percent slopes	702.8	82.6%
CdE	Carsitas gravelly sand, 9 to 30 percent slopes	68.6	8.1%
ChC	Carsitas cobbly sand, 2 to 9 percent slopes	6.7	0.8%
CkB	Carsitas fine sand, 0 to 5 percent slopes	1.0	0.1%
CoD	Chuckawalla very gravelly sandy clay loam, 5 to 15 percent slopes	40.5	4.8%
LR	Lithic Torripsamments-Rock outcrop complex	0.5	0.1%
RO	Rock outcrop	0.9	0.1%
RT	Rock outcrop-Lithic Torripsamments complex	2.7	0.3%
W	Water	1.6	0.2%
Totals for Area of Interest		**850.8**	**100.0%**

Soil Map—Riverside County, Coachella Valley Area, California
(MS-302 2)



Map Scale: 1:31,200 if printed on B portrait (11" x 17") sheet.

N

Meters: 0 450 900 1800 2700

Feet: 0 1500 3000 6000 9000

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

MAP LEGEND

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Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CdC	Carsitas gravelly sand, 0 to 9 percent slopes	434.3	28.6%
ChC	Carsitas cobbly sand, 2 to 9 percent slopes	165.0	10.9%
CkB	Carsitas fine sand, 0 to 5 percent slopes	786.5	51.7%
CmB	Carsitas variant, 2 to 5 percent slopes	10.8	0.7%
LR	Lithic Torripsamments-Rock outcrop complex	114.4	7.5%
MaB	Myoma fine sand, 0 to 5 percent slopes	6.3	0.4%
MaD	Myoma fine sand, 5 to 15 percent slopes	3.0	0.2%
Totals for Area of Interest		**1,520.3**	**100.0%**