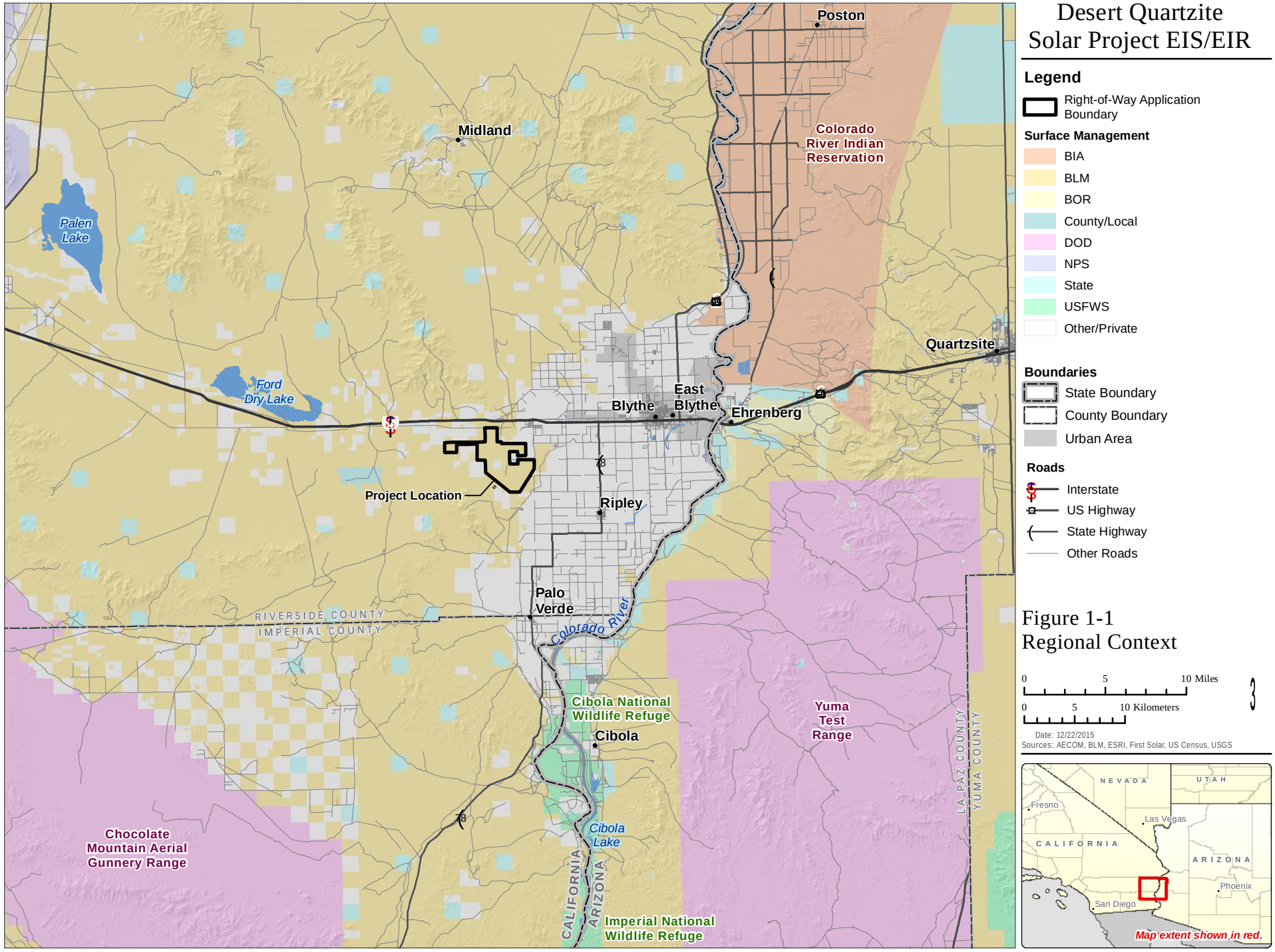
APPENDIX A
FIGURES



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12/22/2015

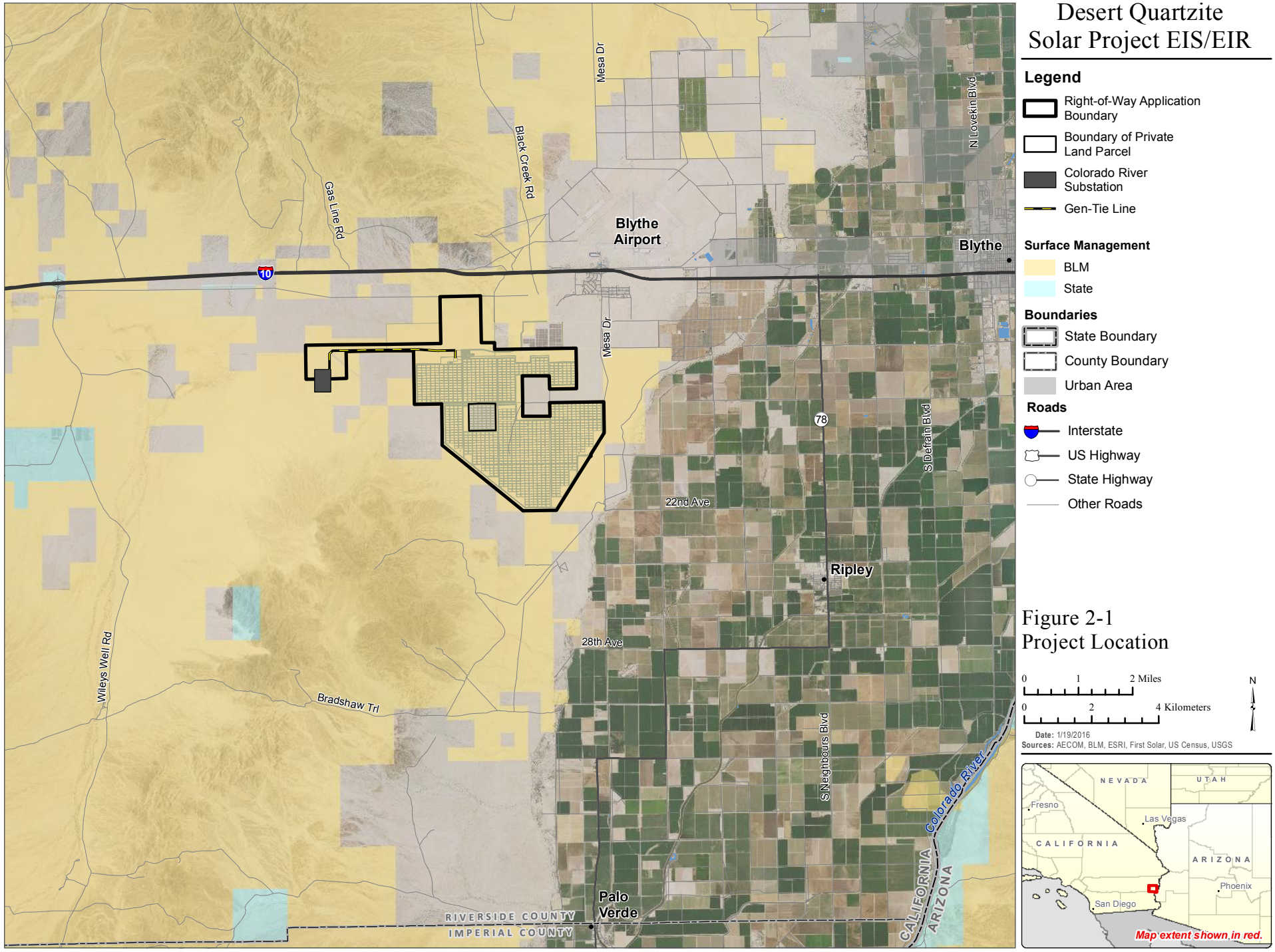
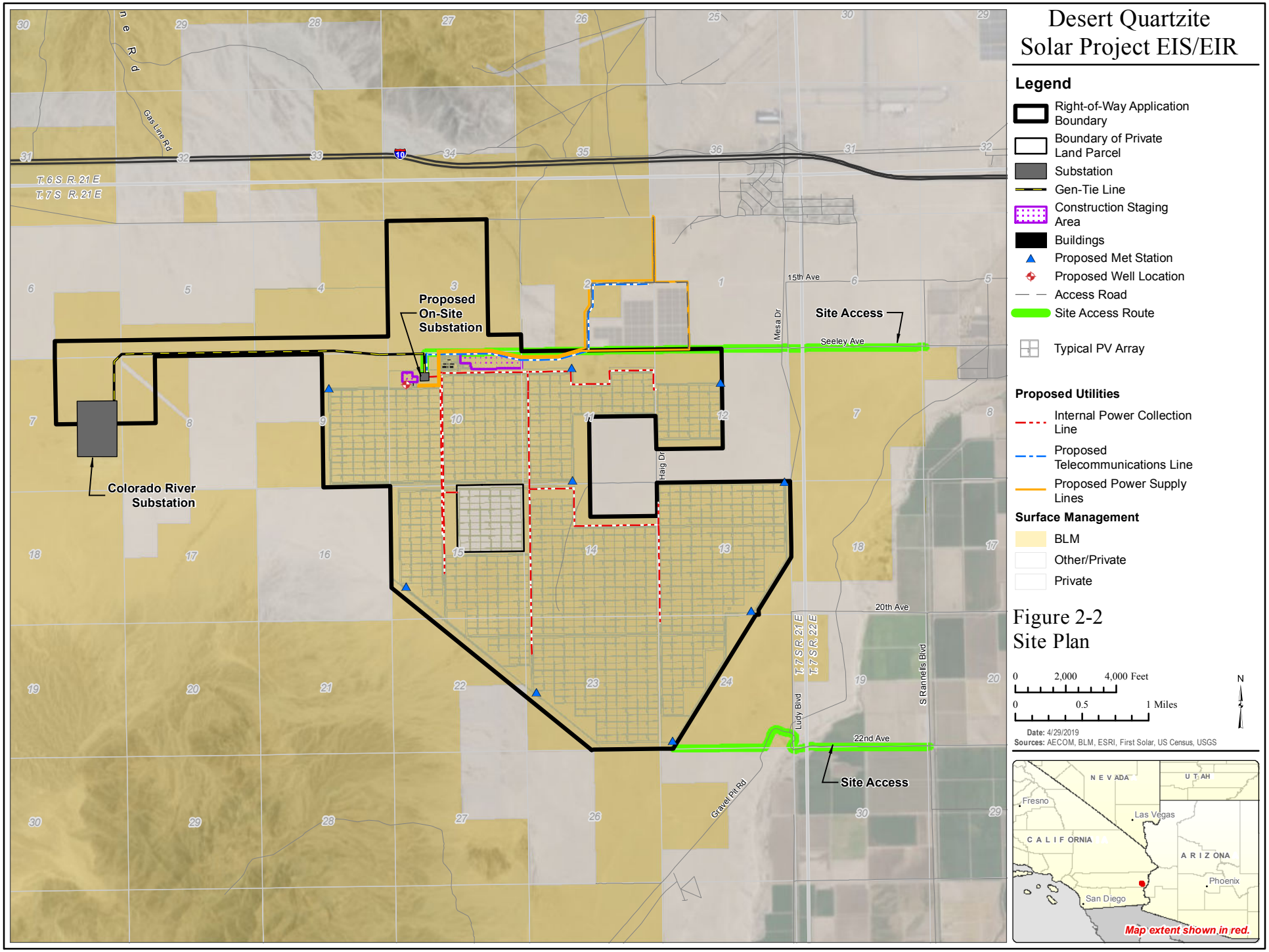


Figure 2-1
Project Location

E:\GIS\Projects\DesertQuartzite\Figures\FIG_02_01_ProjectLocation.mxd

1/19/2016



M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_02_02_SitePlan_AccessRds.mxd

4/29/2019

E:\GIS\Projects\DesertQuartzite\Figures\FIG_02_03_ArrayPhoto.mxd

Desert Quartzite Solar Project EIS/EIR

Figure 2-3
Photograph of Typical Solar Array

Date: 3/3/2016
Sources: First Solar

3/3/2016

E:\GIS\Projects\DesertQuartzite\Figures\FIG_02_04_ArrayLayout.mxd

Desert Quartzite Solar Project EIS/EIR

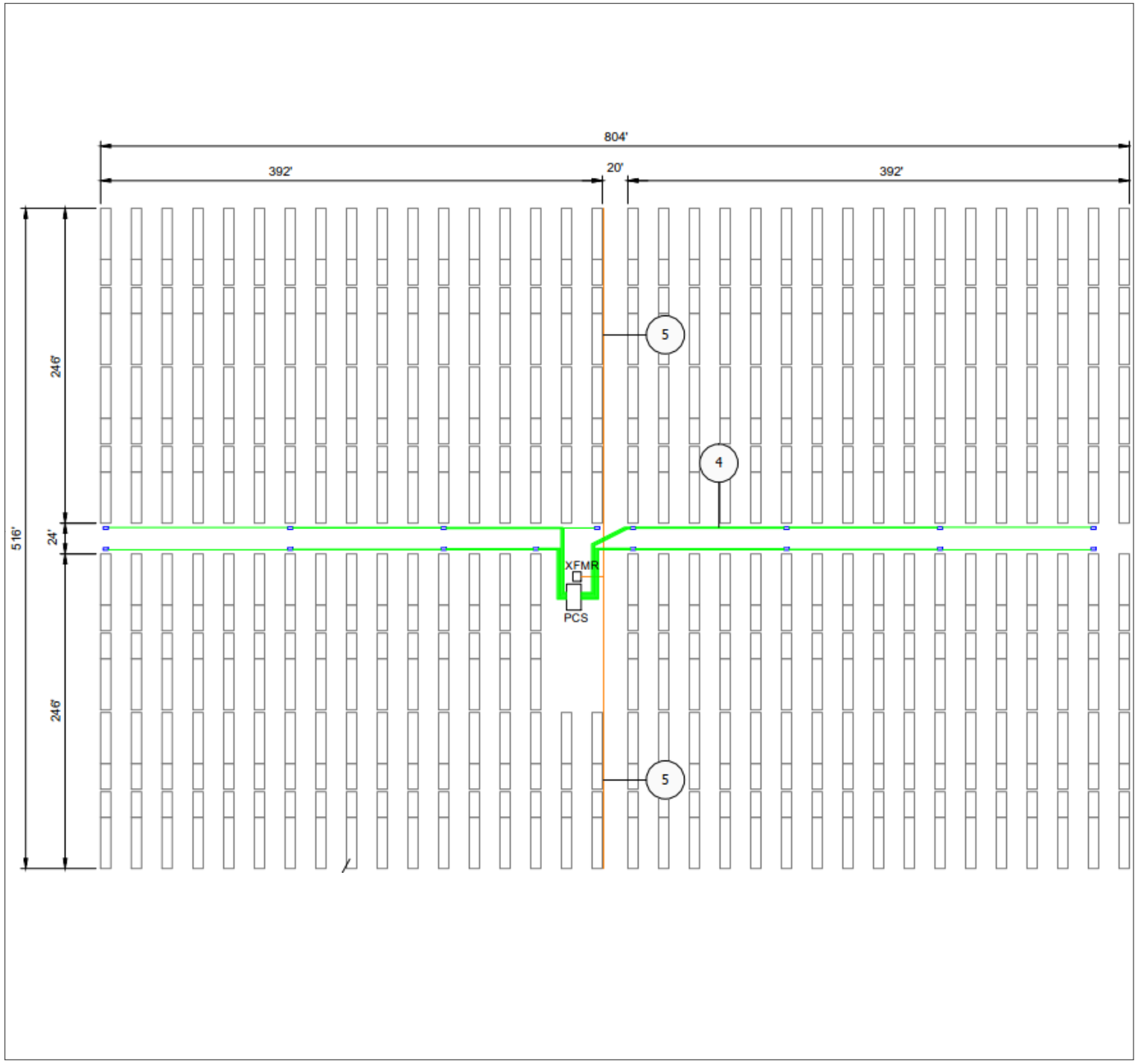


Figure 2-4
Layout of Typical Solar Array

Date: 3/3/2016
Sources: First Solar

3/3/2016

E:\GIS\Projects\DesertQuartzite\Figures\FIG_02_05_PowerConversionPhoto.mxd

Desert Quartzite Solar Project EIS/EIR

Figure 2-5
Photograph of Typical Power Conversion Station

Date: 3/3/2016
Sources: First Solar

3/3/2016

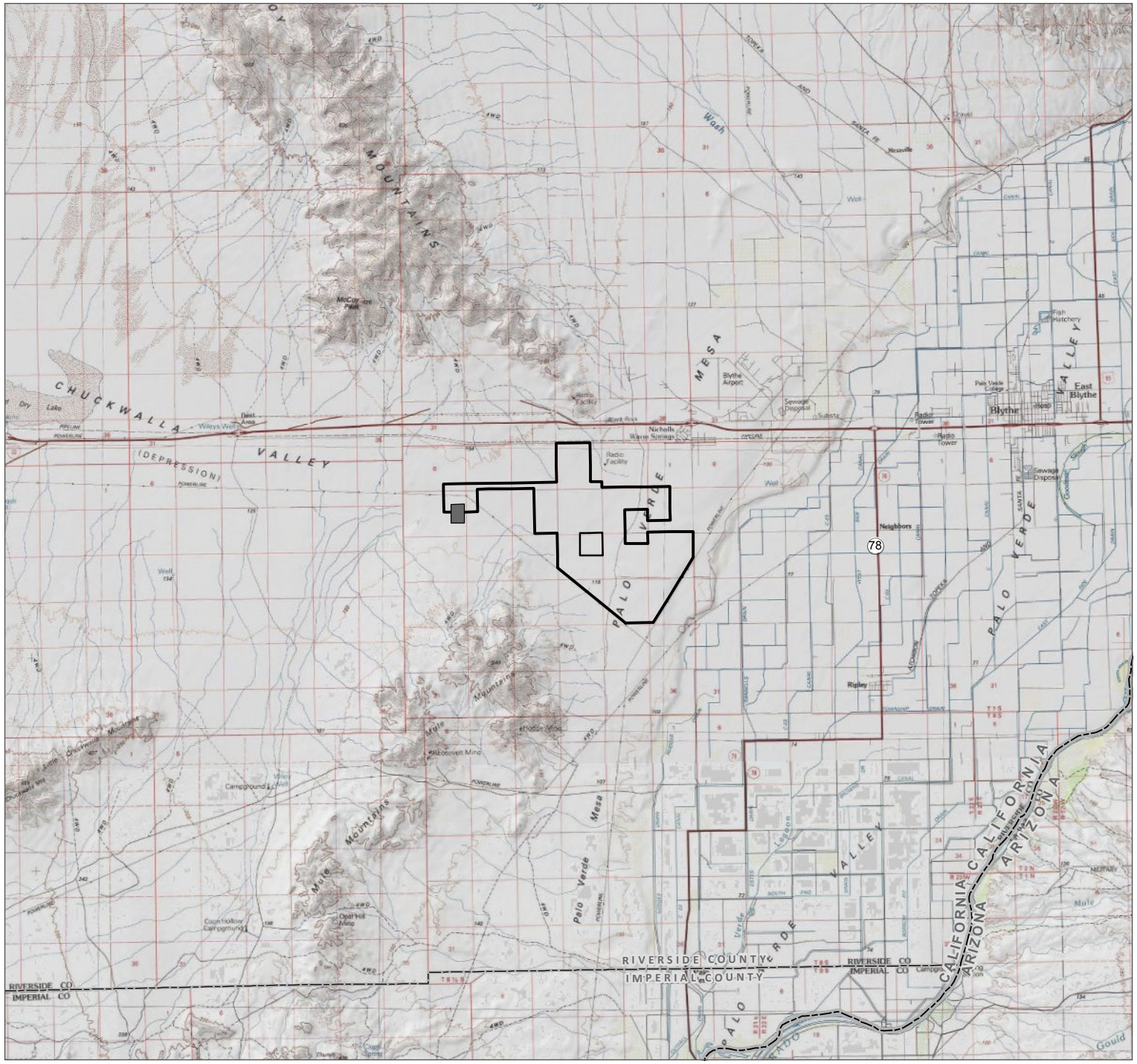
E:\GIS\Projects\DesertQuartzite\Figures\FIG_02_06_SwitchgearPhoto.mxd

Desert Quartzite
Solar Project EIS/EIR

Figure 2-6
Photograph of Typical
PV Combining Switchgear

Date: 3/3/2016
Sources: First Solar

3/3/2016



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel
- Substation

Figure 2-7
Topographic Map of Site Vicinity

0 2 4 Miles

0 2 4 Kilometers

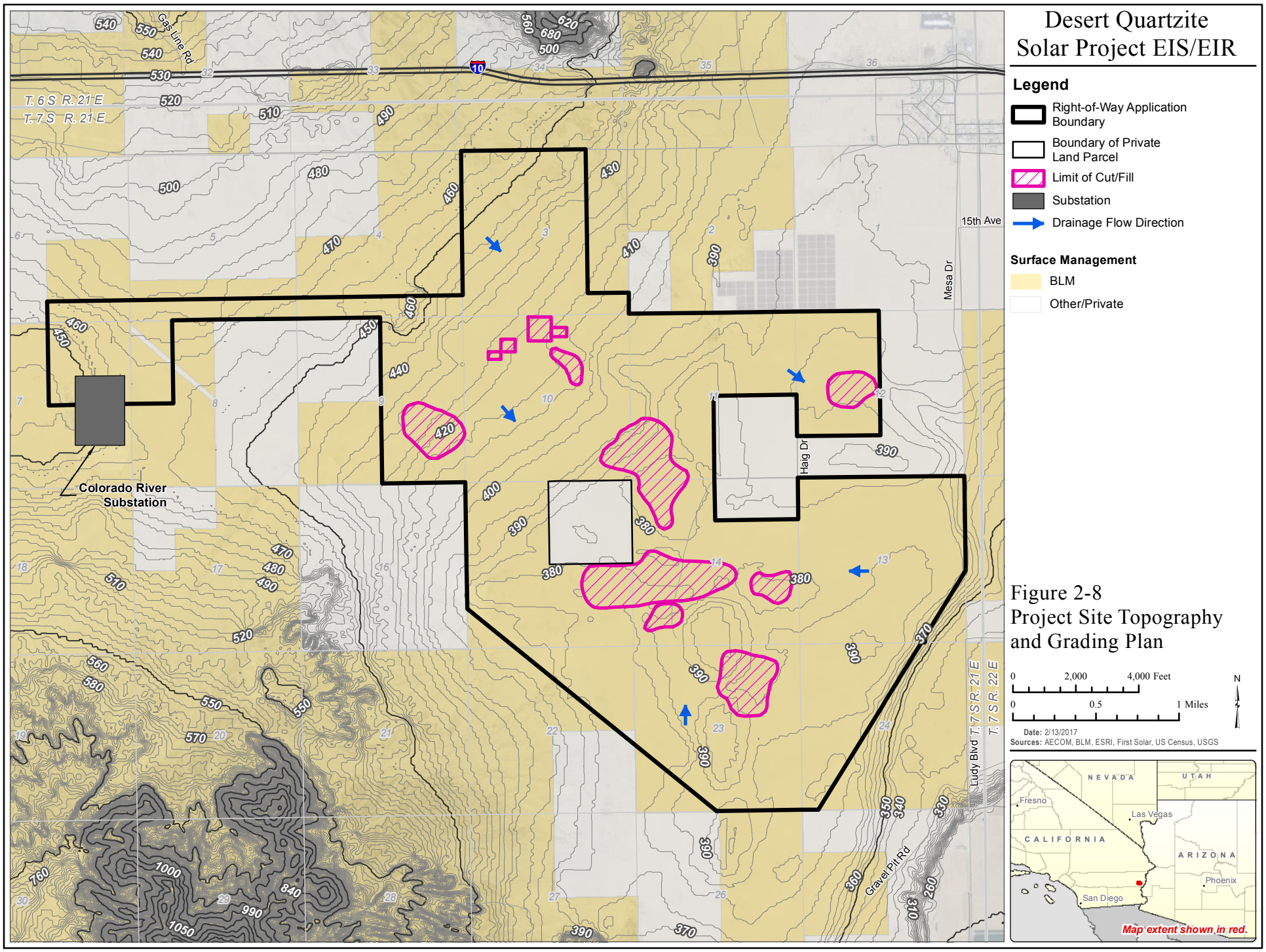
N

Date: 3/14/2016

Sources: AECOM, First Solar, USGS

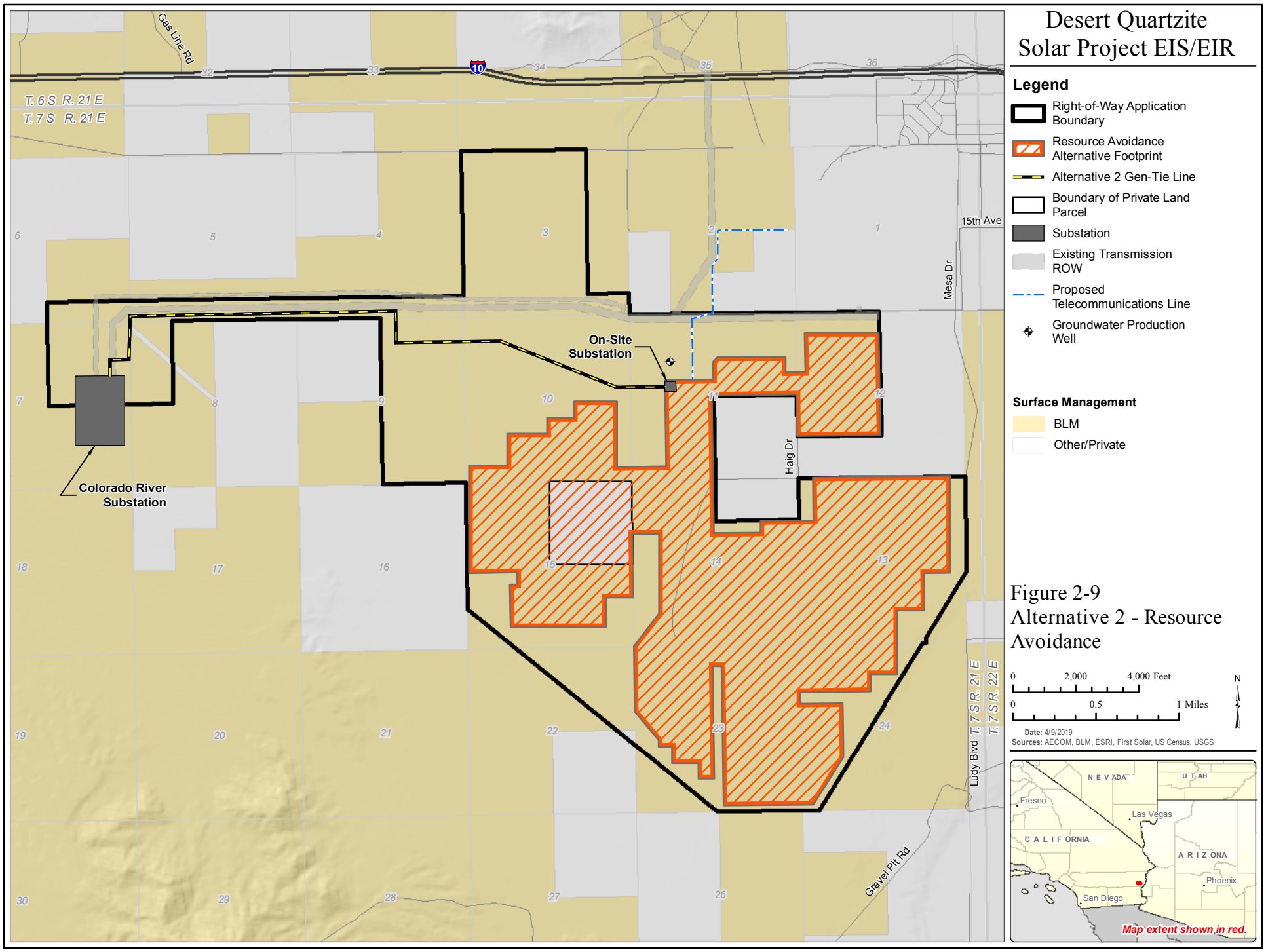
E:\GIS\Projects\DesertQuartzite\Figures\FIG_02_07_Topo.mxd

3/14/2016



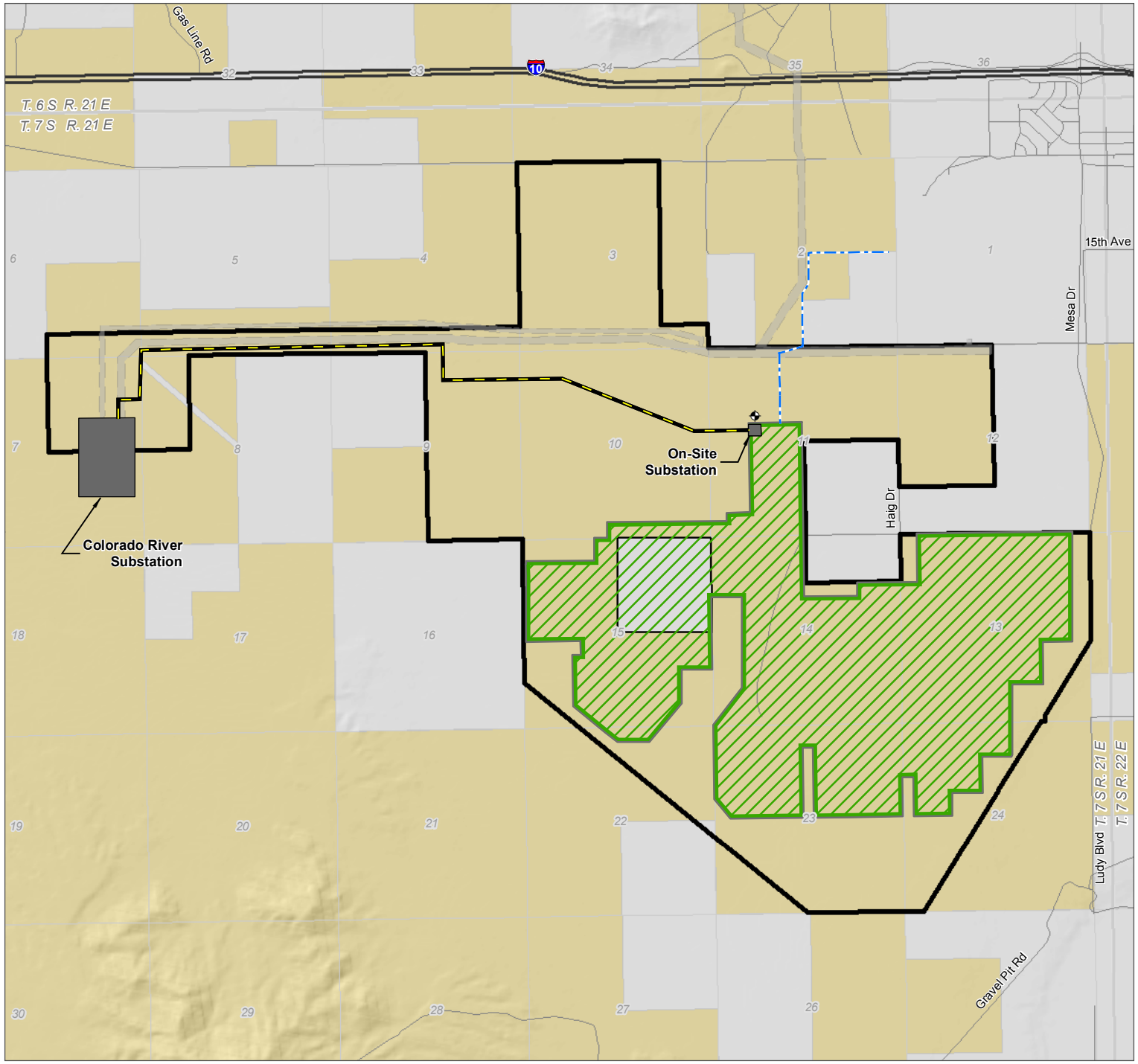
E:\GIS\Projects\DesertQuartzite\Figures\FIG_02_08_TopoGradingPlan.mxd

2/13/2017



M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_02_09_Alt2_ResourceAvoidance.mxd

4/9/2019



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Reduced Project Alternative Footprint
- Alternative 3 Gen-Tie Line
- Boundary of Private Land Parcel
- Substation
- Existing Transmission ROW
- Proposed Telecommunications Line
- Groundwater Production Well

Surface Management

- BLM
- Other/Private

Figure 2-10
Alternative 3 - Reduced Project

0 2,000 4,000 Feet

0 0.5 1 Miles

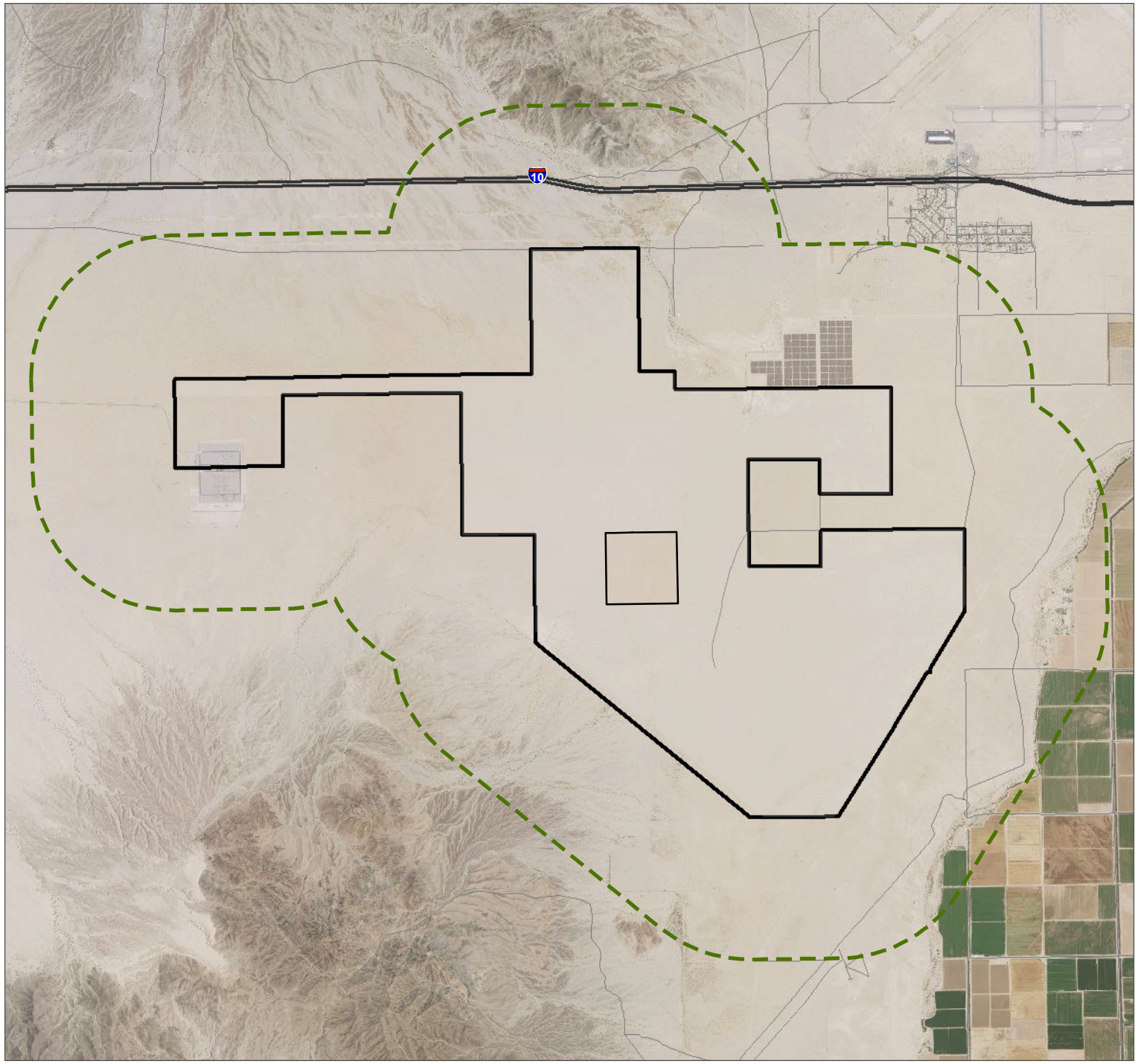
N

Date: 4/9/2019

Sources: AECOM, BLM, ESRI, First Solar, US Census, USGS

M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_02_10_Alt3_ReducedProject.mxd

4/9/2019



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel
- 1-Mile Site Boundary Buffer

Figure 3.3-1
Biological Resources Study Area

0 0.5 1 Miles

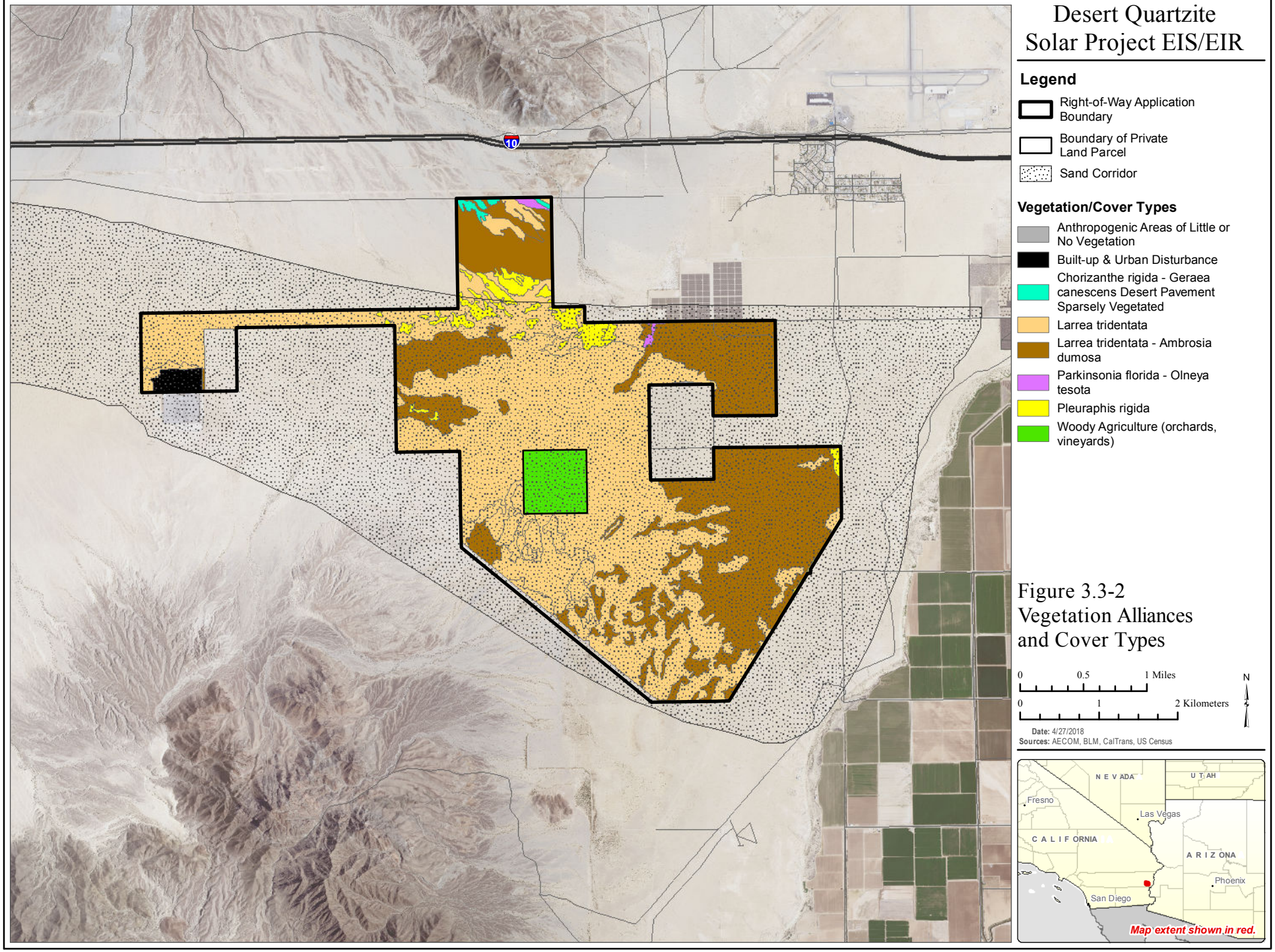
0 2,000 4,000 Feet

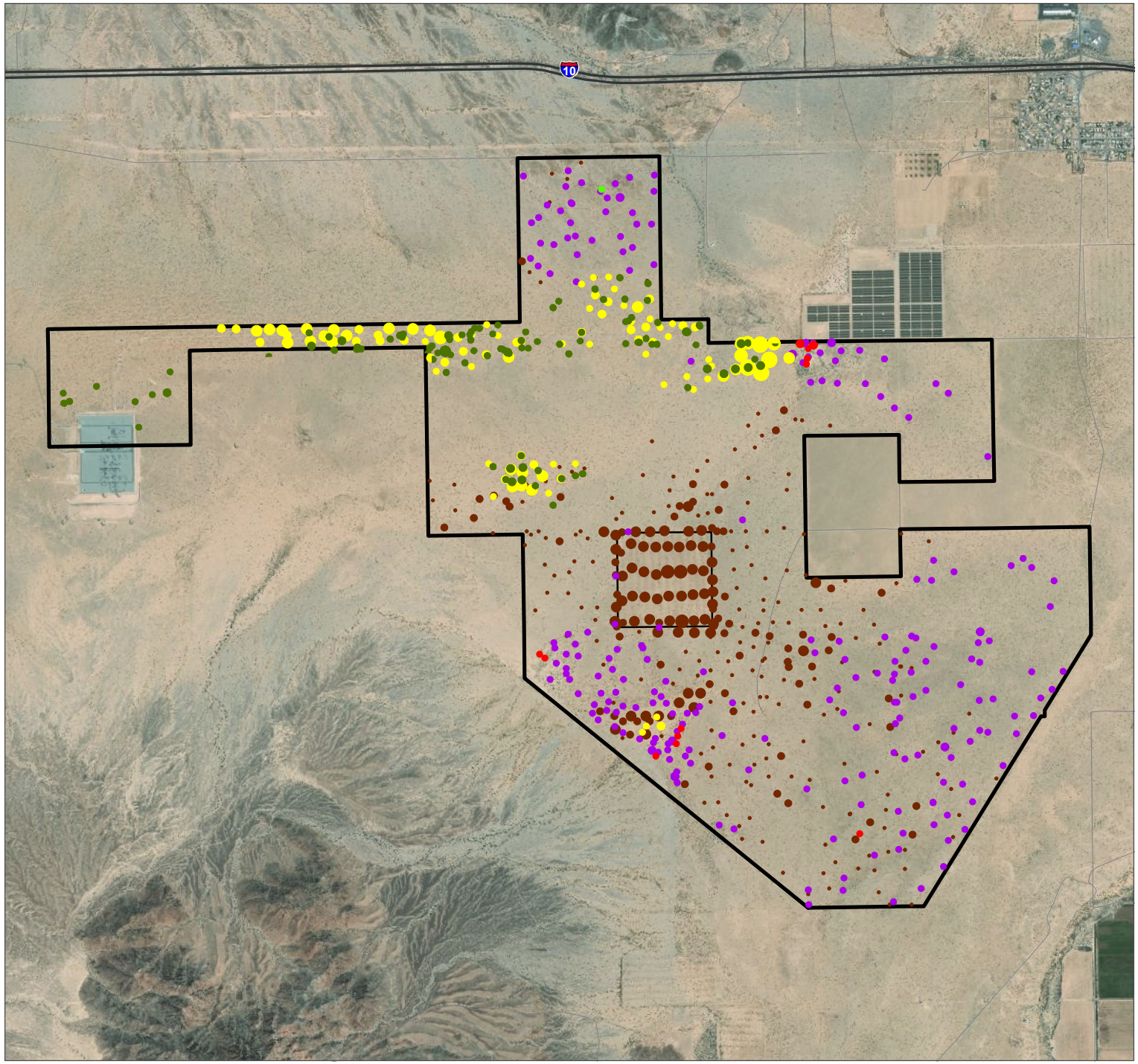
N

Date: 4/18/2016
Sources: AECOM, BLM, CalTrans, First Solar, US Census

E:\GIS\Projects\DesertQuartzite\Figures\Bio\FIG_03_03_01_BioSurveyArea.mxd

4/18/2016


Desert Quartzite
Solar Project EIS/EIR
Legend
Right-of-Way Application Boundary
Boundary of Private Land Parcel
Sand Corridor
Vegetation/Cover Types
Anthropogenic Areas of Little or No Vegetation
Built-up & Urban Disturbance
Chorizanthe rigida - Geraea canescens Desert Pavement Sparsely Vegetated
Larrea tridentata
Larrea tridentata - Ambrosia dumosa
Parkinsonia florida - Olneya tesota
Pleuraphis rigida
Woody Agriculture (orchards, vineyards)
Figure 3.3-2
Vegetation Alliances
and Cover Types
0 0.5 1 Miles
0 1 2 Kilometers
N
Date: 4/27/2018
Sources: AECOM, BLM, CalTrans, US Census
NEVADA
UTAH
Fresno
Las Vegas
CALIFORNIA
ARIZONA
Phoenix
San Diego
Map extent shown in red.
10
M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_03_02_VegAlliances.mxd
4/27/2018



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Special Status Plant Species

- Abram's Prostrate Spurge
- Utah Vine Milkweed
- Harwoods Eriastrum
- Ribbed Crypthantha
- Desert Unicorn Plant
- Harwoods Milkvetch

Plant Density

- 1 - 10
- 11 - 100
- 101 - 1,000
- 1,001 - 5,000
- 5,001 - 12,200

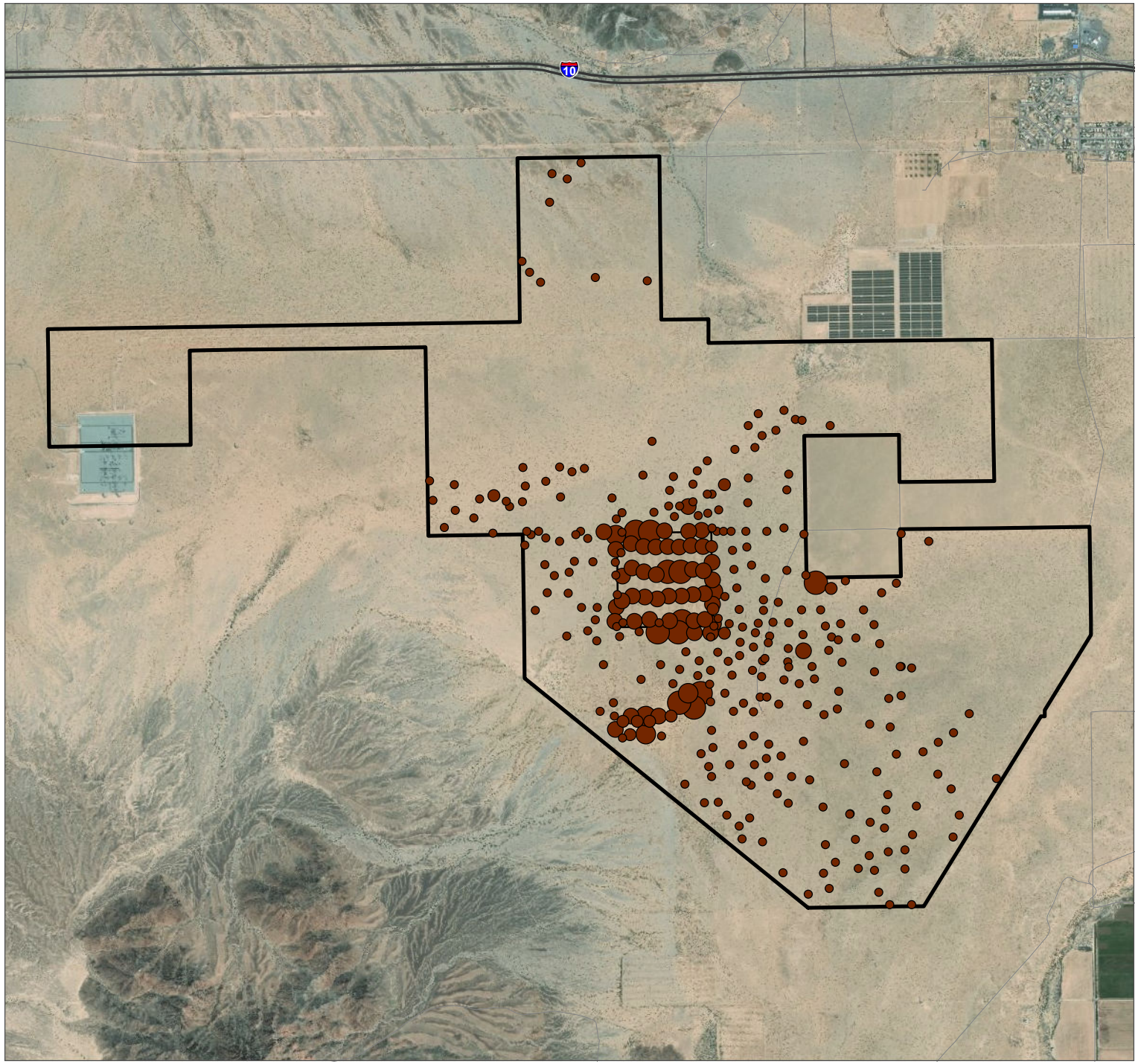
Figure 3.3-3
Special Status Plant Species Locations

0 0.5 1 Miles
0 2,000 4,000 Feet
N

Date: 4/30/2019
Sources: AECOM, BLM, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_03_03_SSPlants.mxd

4/30/2019



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Harwoods Milkvetch

Count

- 1 - 50
- 51 - 100
- 101 - 300
- 301 - 500
- 501 - 1001

Figure 3.3-4
Harwoods Milkvetch Locations

0 0.5 1 Miles

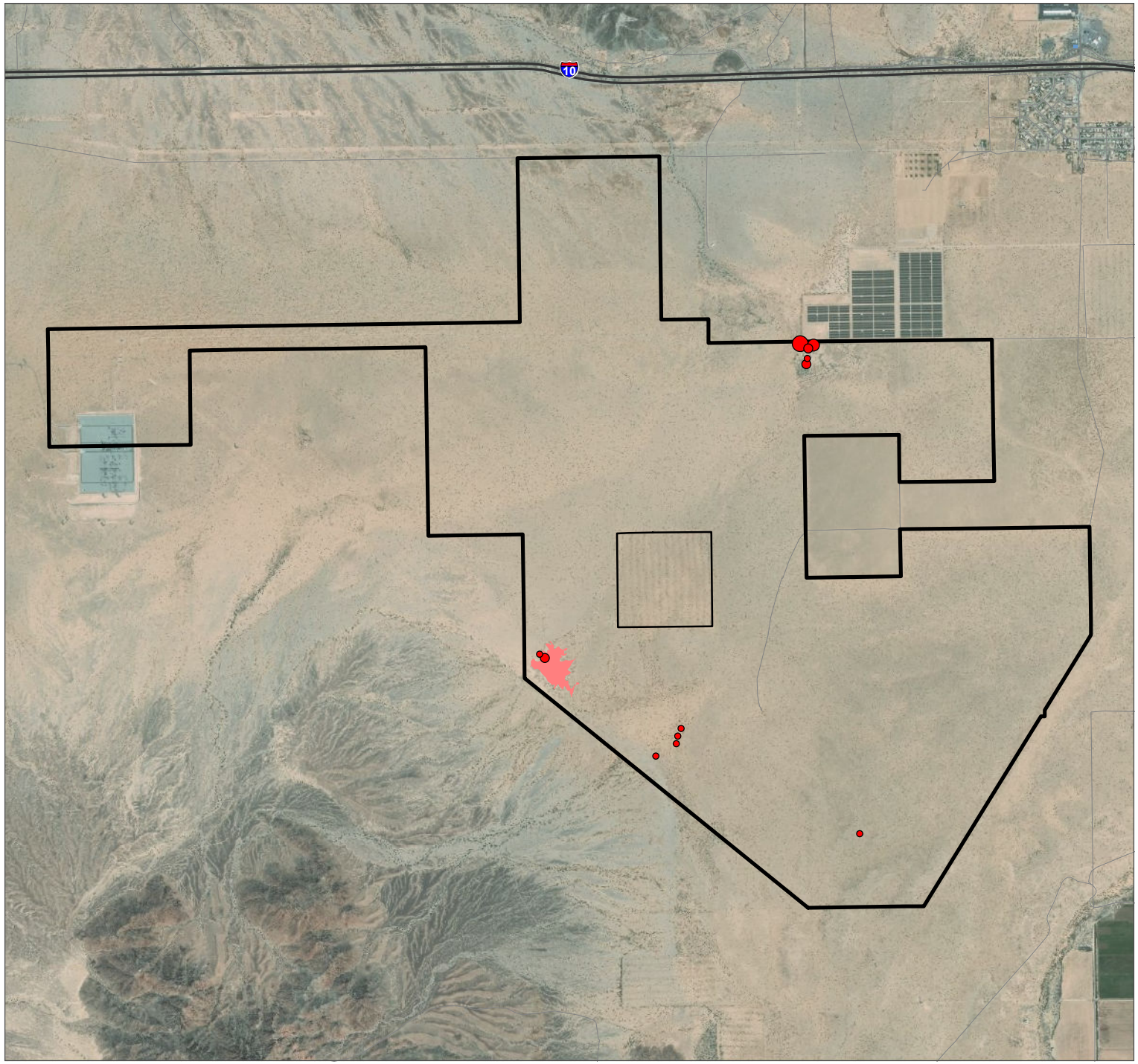
0 2,000 4,000 Feet

N

Date: 3/8/2019
Sources: AECOM, BLM, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_03_04_HarwoodsMilkvetch.mxd

3/8/2019



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Abram's Prostrate Spurge

Count

- 1 - 5
- 6 - 10
- 11 - 20
- 21 - 40
- Abram's Spurge Population (Approximately 2,000)

Figure 3.3-5
Abram's Spurge Locations

0 0.5 1 Miles

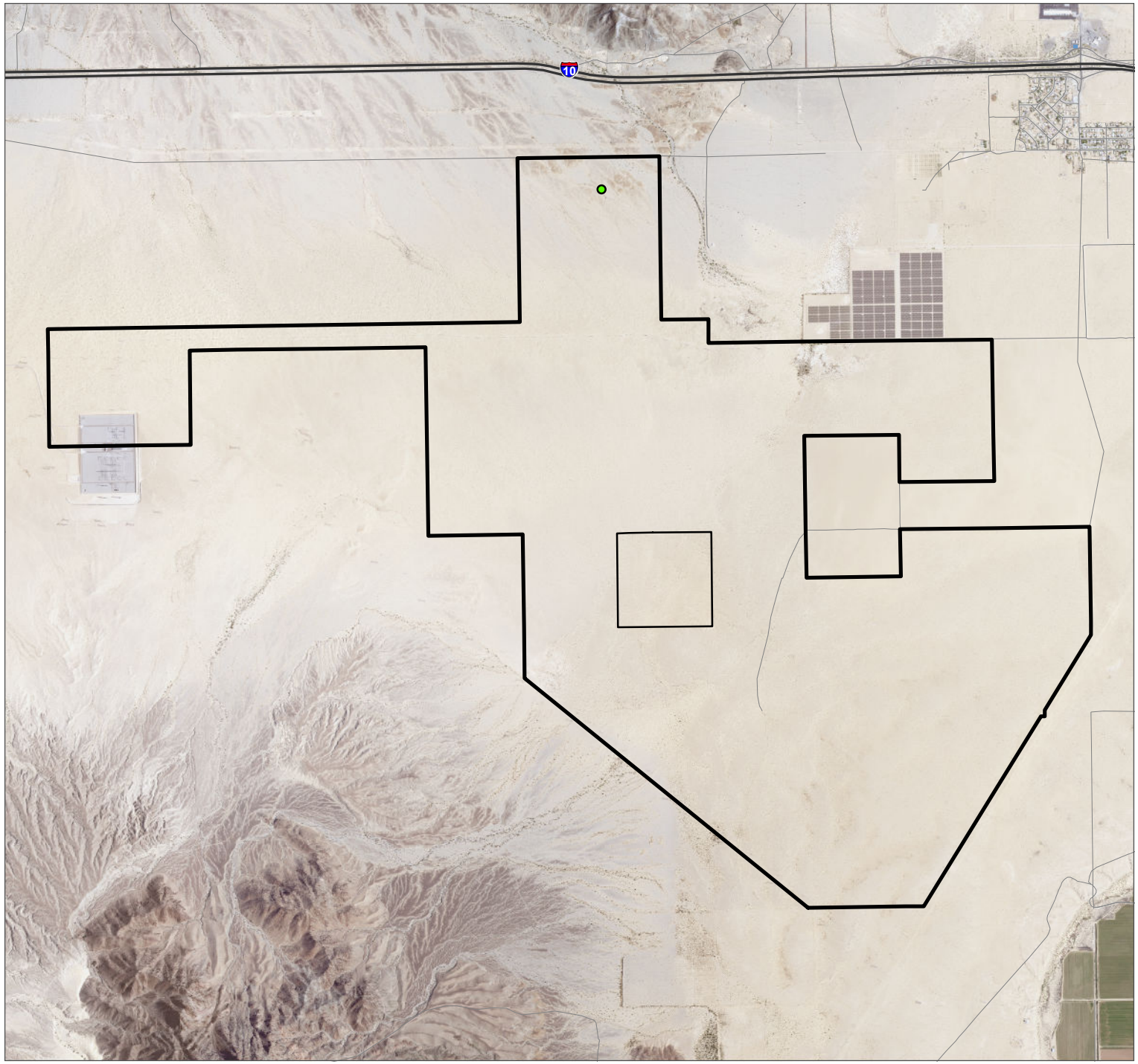
0 2,000 4,000 Feet

N

Date: 4/18/2019
Sources: AECOM, BLM, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_03_05_AbramsSpurge.mxd

4/18/2019



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Utah Vine Milkweed

Count

- 1

Figure 3.3-6
Utah Vine Milkweed Locations

0 0.5 1 Miles

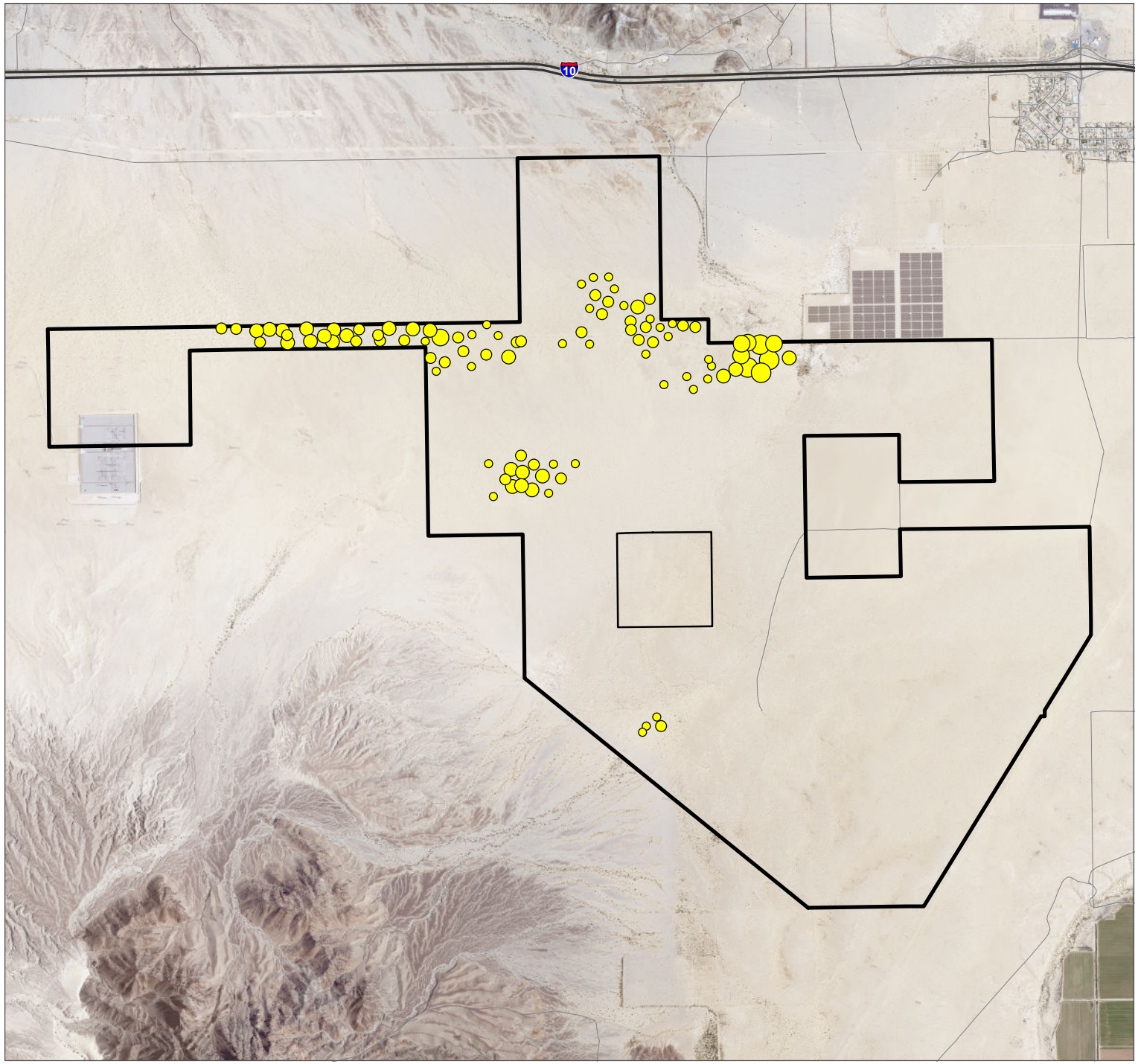
0 2,000 4,000 Feet

N

Date: 4/27/2018
Sources: AECOM, BLM, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_03_06_UtahVineMilkweed.mxd

4/27/2018



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Ribbed Crypthantha

Count

- 1 - 10
- 11 - 100
- 101 - 1,000
- 1,001 - 5,000
- 5,001 - 12,200

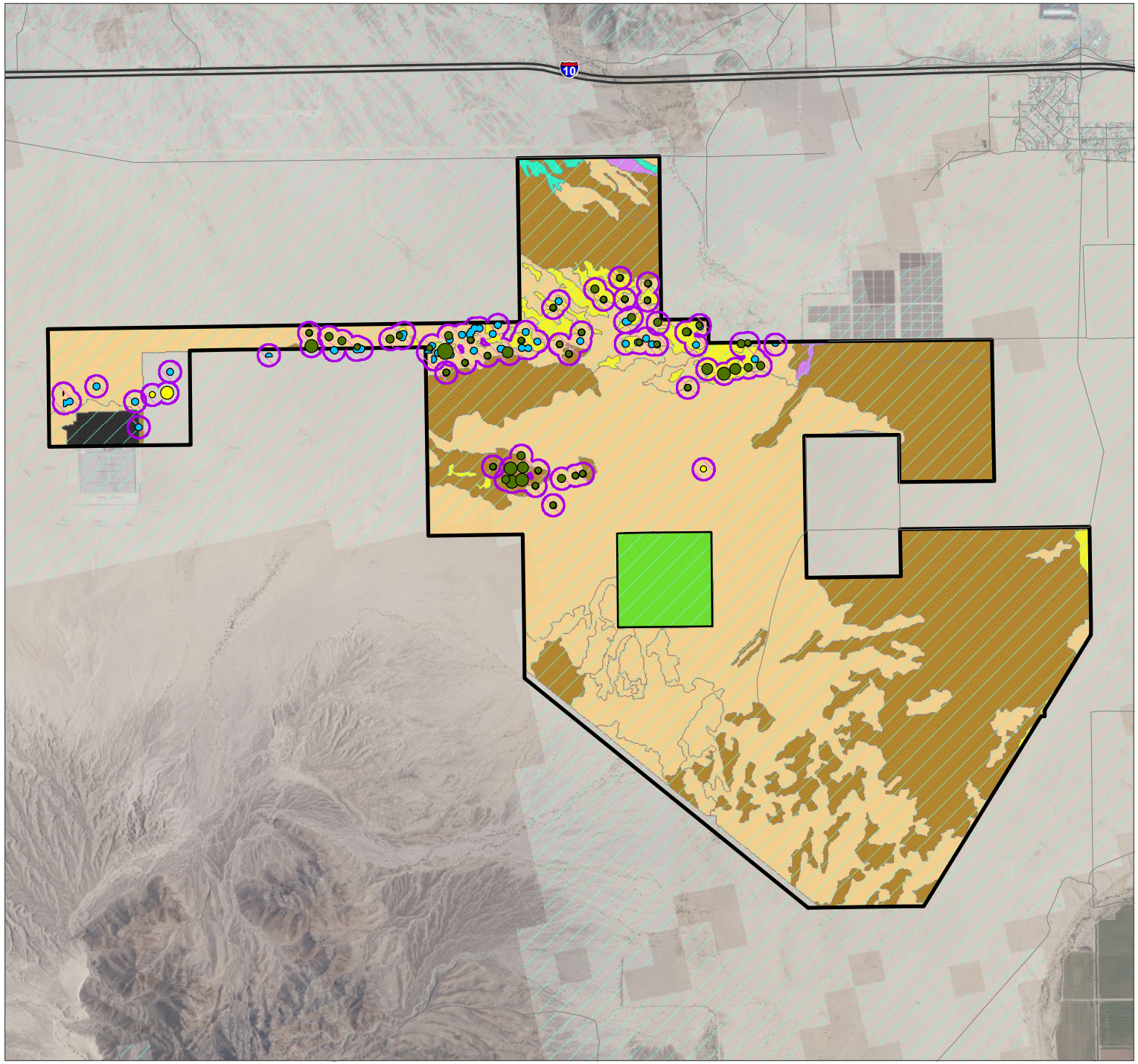
Figure 3.3-7
Ribbed Cryptantha Locations

0 0.5 1 Miles
0 2,000 4,000 Feet
N

Date: 4/27/2018
Sources: AECOM, BLM, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_03_07_RibbedCryptantha.mxd

4/27/2018



Desert Quartzite Solar Project EIS/EIR

Legend

Right-of-Way Application Boundary

Boundary of Private Land Parcel

Harwoods Eriastrum

Occupied Habitat

DRECP Species Distribution Model

2010/2011 CNDDB Data

2013 Survey Results Count

1 - 5

6 - 20

21 - 50

51 - 100

101 - 171

2017 Survey Results Count

1-5

51-100

Vegetation/Cover Types

Anthropogenic Areas of Little or No Vegetation

Built-up & Urban Disturbance

Chorizanthe rigida - Geraea canescens Desert Pavement Sparsely Vegetated

Larrea tridentata

Larrea tridentata - Ambrosia dumosa

Parkinsonia florida - Olneya tesota

Pleuraphis rigida

Woody Agriculture (orchards, vineyards)

Figure 3.3-8
Harwoods Eriastrum Locations

0 0.5 1 Miles

0 2,000 4,000 Feet

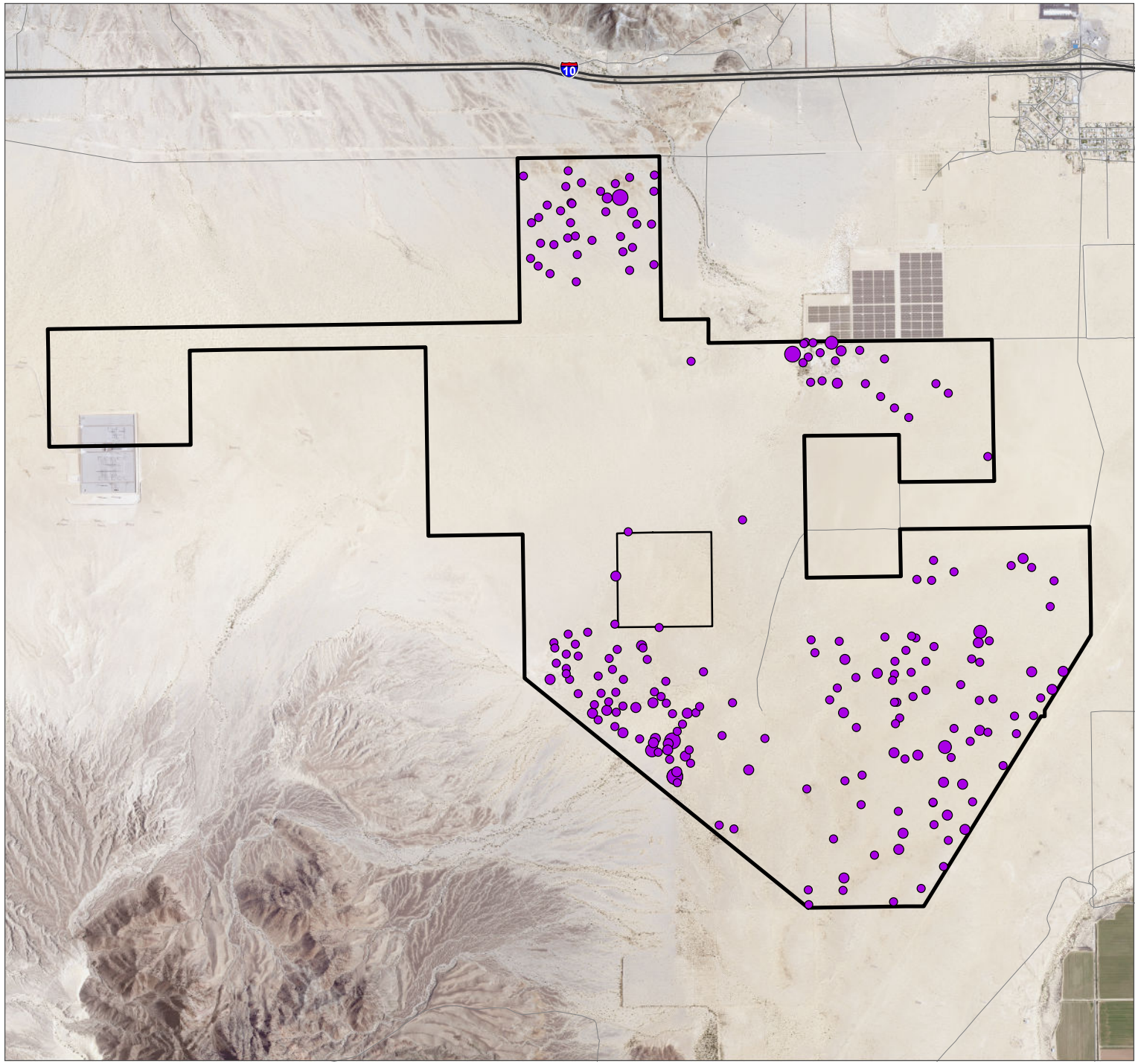
N

Date: 4/27/2018

Sources: AECOM, BLM, DRECP, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_03_08_HarwoodsEriastrum.mxd

4/27/2018



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Desert Unicorn Plant

Count

- 1 - 5
- 6 - 10
- 11 - 15
- 16 - 25

Figure 3.3-9
Desert Unicorn Plant Locations

0 0.5 1 Miles

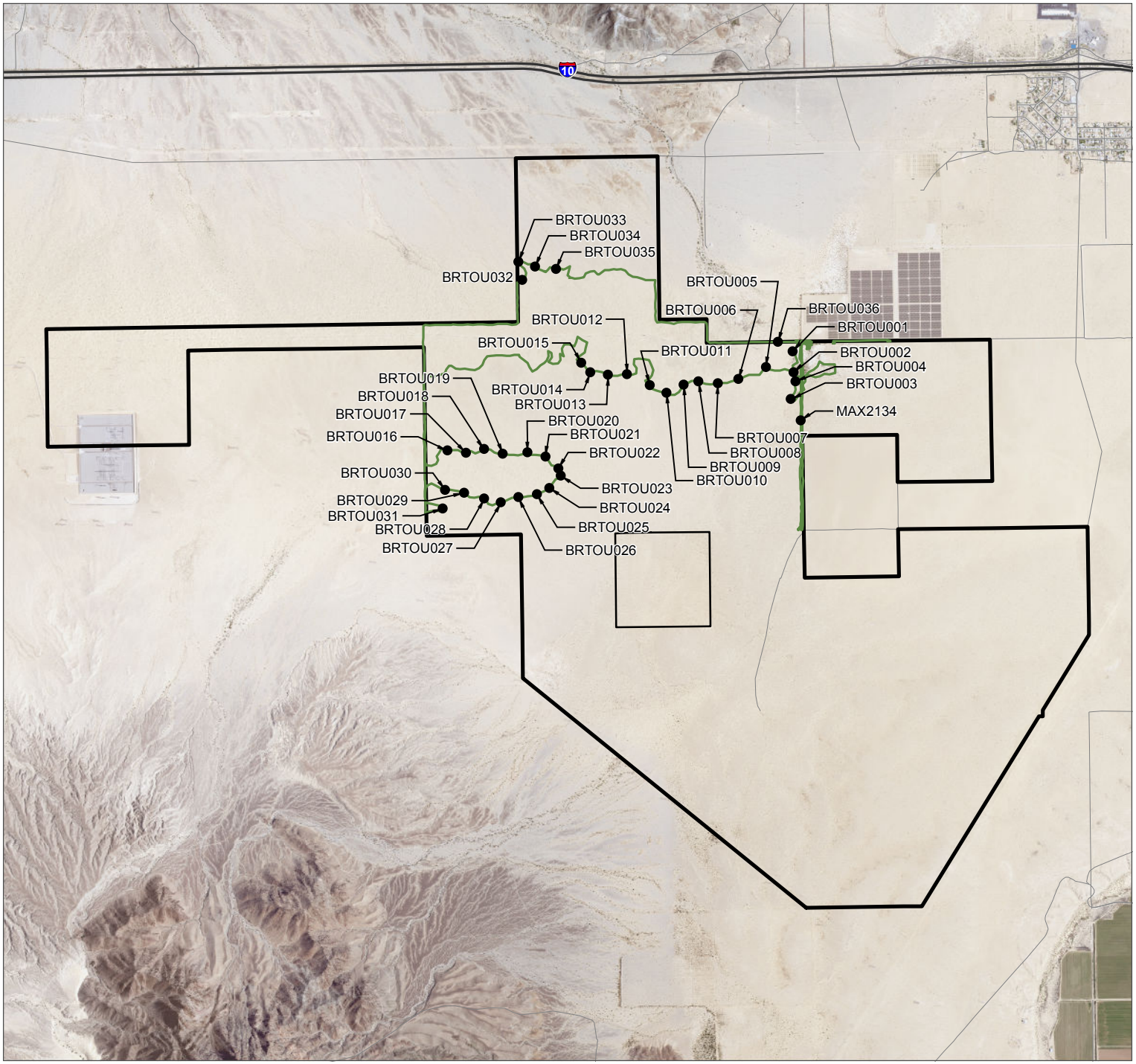
0 2,000 4,000 Feet

N

Date: 4/27/2018
Sources: AECOM, BLM, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_03_09_DesertUnicornPlant.mxd

4/27/2018



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel
- Sahara Mustard
- Sand Dune

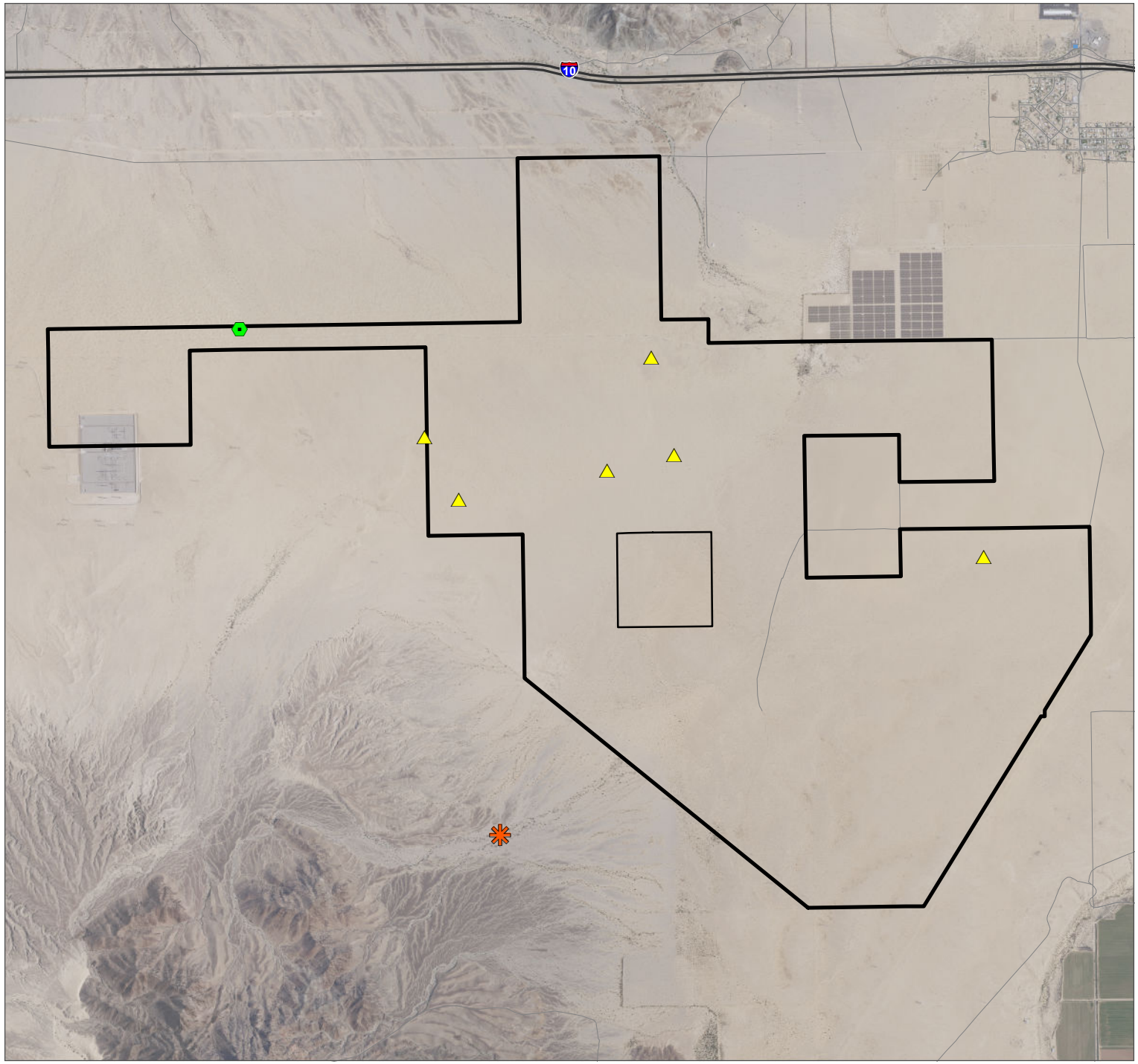
Figure 3.3-10
Sahara Mustard Distribution

0 0.5 1 Miles
0 2,000 4,000 Feet
N

Date: 4/27/2018
Sources: AECOM, BLM, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_03_10_SaharaMustard.mxd

4/27/2018



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Desert Tortoise Sign

- Tortoise Carcass
- Tortoise Tracks
- Incidental Live Observation

Figure 3.4-1
Desert Tortoise Sign

0 0.5 1 Miles

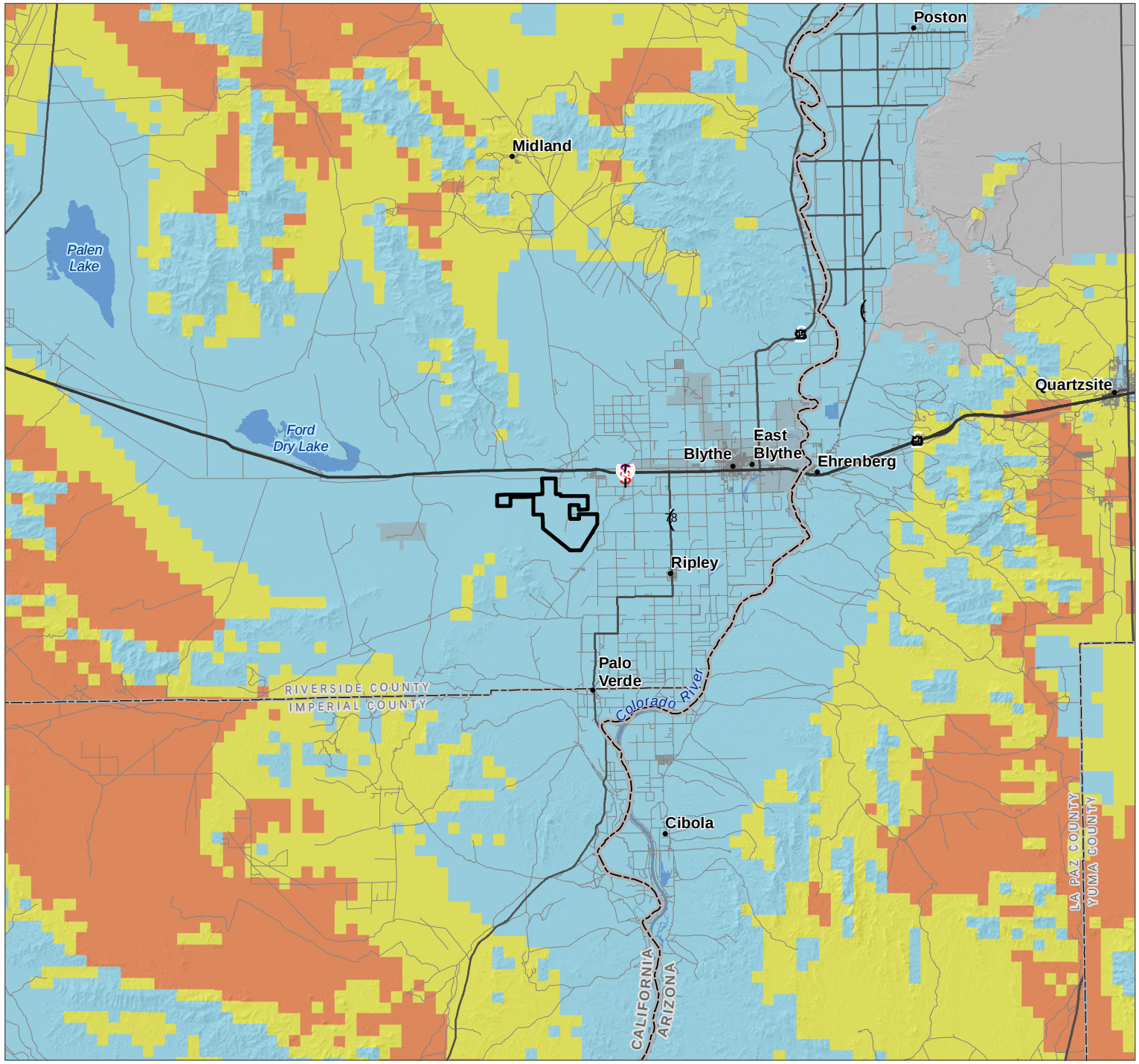
0 2,000 4,000 Feet

N

Date: 4/24/2018
Sources: AECOM, BLM, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_04_01_DesertTortoiseSign.mxd

4/24/2018



Desert Quartzite Solar Project EIS/EIR

Legend

Right-of-Way Application Boundary

USGS Desert Tortoise Modeled Habitat

Predicted Habitat Potential - Model Score

- 0.5
- 0.7
- 0.9

Figure 3.4-2
USGS Desert Tortoise Habitat Model

0 5 10 Miles

0 5 10 Kilometers

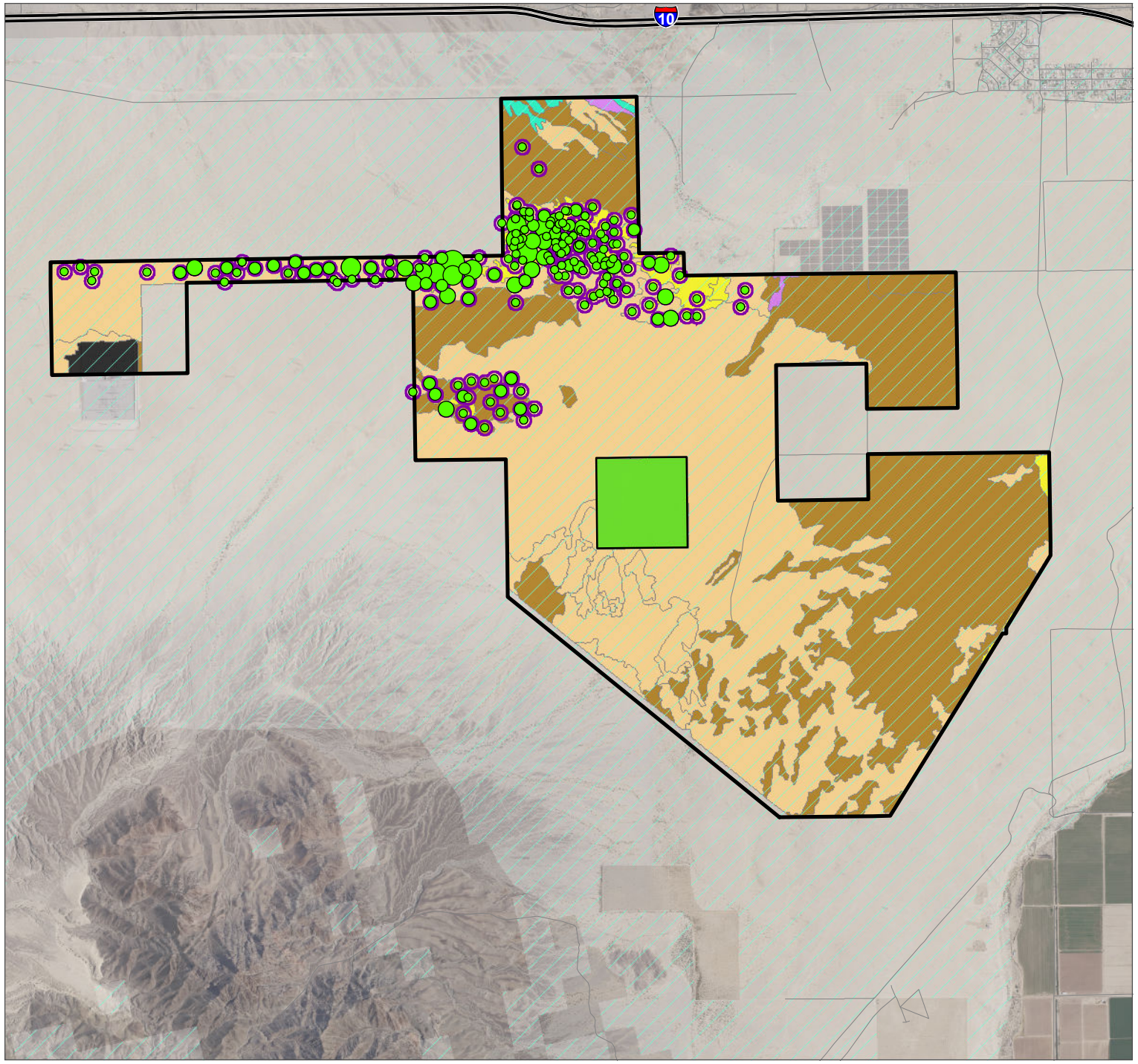
Date: 1/12/2016

Sources: AECOM, BLM, CalTrans, First Solar, US Census, USGS

E:\GIS\Projects\Desert Quartzite\Figures\Bio\FIG_03_04_02_USGSDesertTortoiseHabitat.mxd

1/12/2016

M:\Denver_GIS\Projects\DesertQuartzite\Figures\Bio\FIG_03_04_03_FringeToedLizardHabitat.mxd



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Fringe-Toed Lizard Habitat

- DRECP Species Distribution Model
- Occupied Habitat

Density

- 1 - 2
- 3 - 4
- 5 - 6
- 7 - 9
- 10 - 12

Vegetation/Cover Types

- Anthropogenic Areas of Little or No Vegetation
- Built-up & Urban Disturbance
- Chorizanthe rigida - Geraea canescens Desert Pavement Sparsely Vegetated
- Larrea tridentata
- Larrea tridentata - Ambrosia dumosa
- Parkinsonia florida - Olneya tesota
- Pleuraphis rigida
- Woody Agriculture (orchards, vineyards)

Figure 3.4-3
Mojave Fringe-Toed Lizard Locations

0 0.5 1 Miles

0 2,000 4,000 Feet

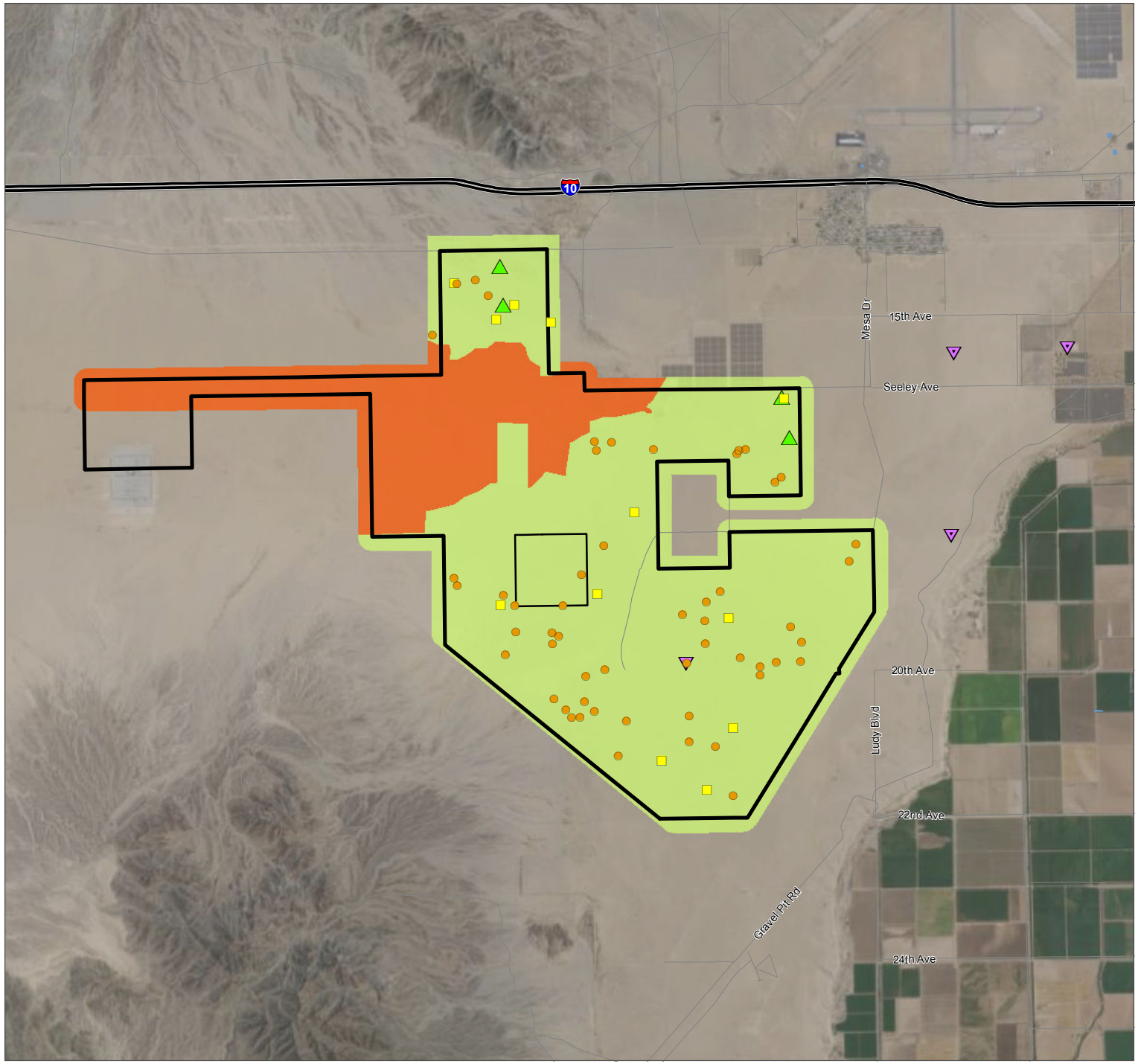
N

Date: 4/27/2018

Sources: AECOM, BLM, CalTrans, First Solar, US Census

4/27/2018

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_04_04_BurrowingOwlHabitat.mxd



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Burrowing Owl Habitat

Burrows & Observations

- 1 - Excellent (BUOW present)
- 2 - Good (Usable, fresh sign, no BUOW)
- 3- Fair (Usable, old sign, no BUOW)
- Incidental Observation

Habitat Suitablity*

- Suitable
- Unsuitable

**Suitable habitat is assumed to be sparsely-vegetated, upland creosote scrub.*

Figure 3.4-4
Burrowing Owl Habitat, Observations, and Burrows

0 0.5 1 Miles

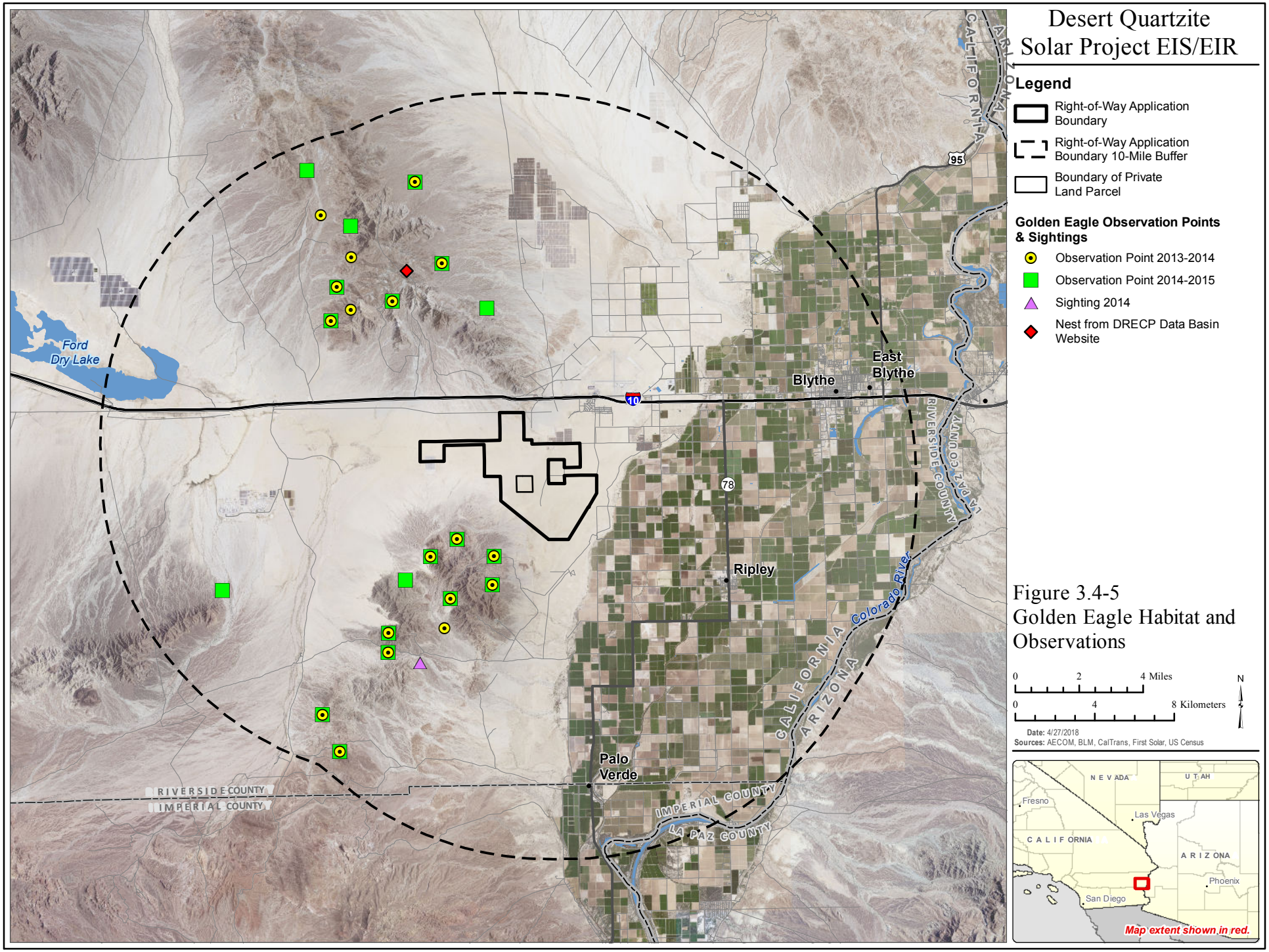
0 3,000 6,000 Feet

N

Date: 5/1/2019

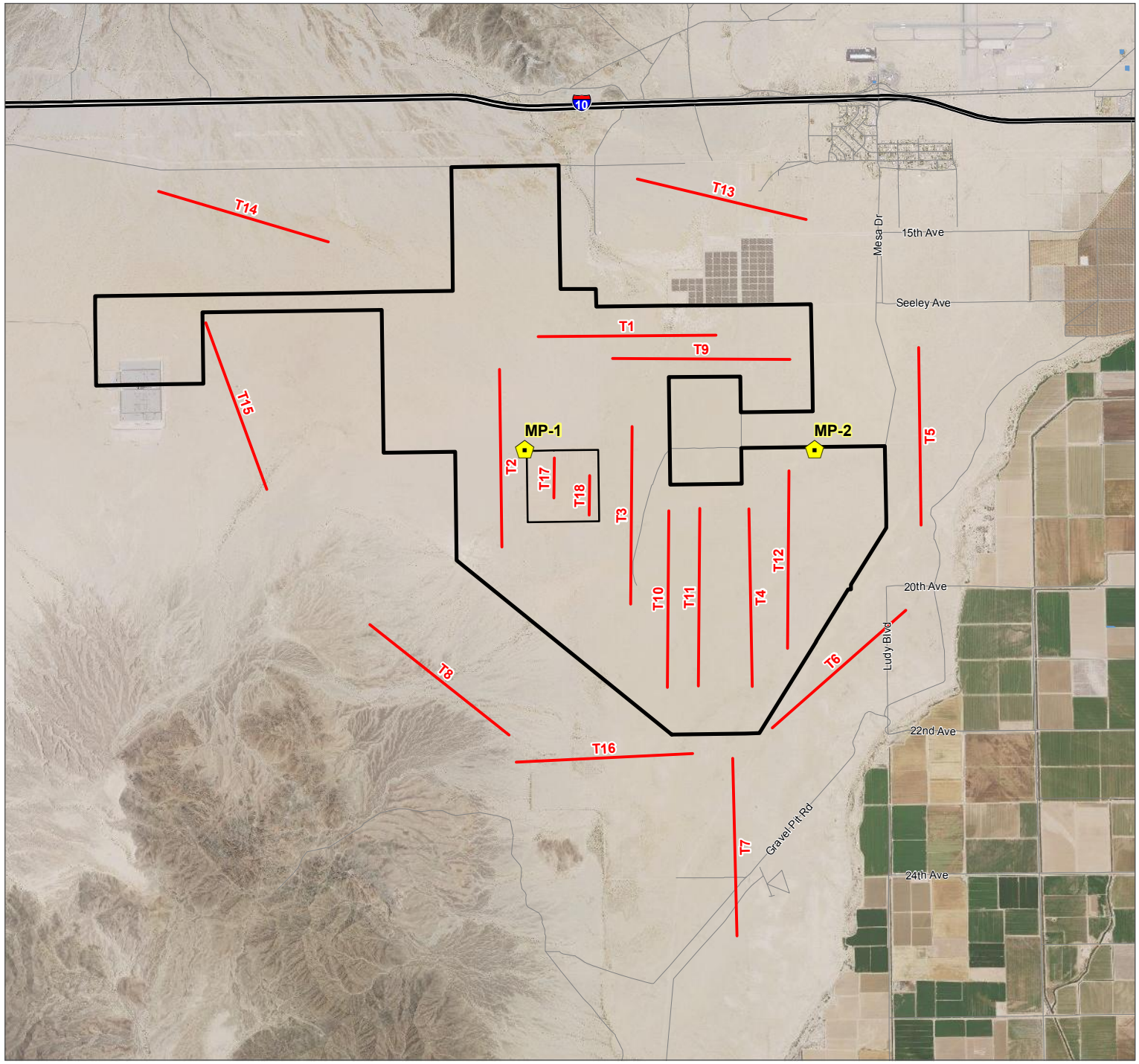
Sources: AECOM, BLM, CalTrans, First Solar, US Census

5/1/2019



M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_04_05_GoldenEagleHabitat.mxd

4/27/2018



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Migratory Bird Surveys

- Avian Migration Survey Points
- Transect Line

Figure 3.4-6
Migratory Bird Survey Locations & Avian Line Transects

0 0.5 1 Miles

0 3,000 6,000 Feet

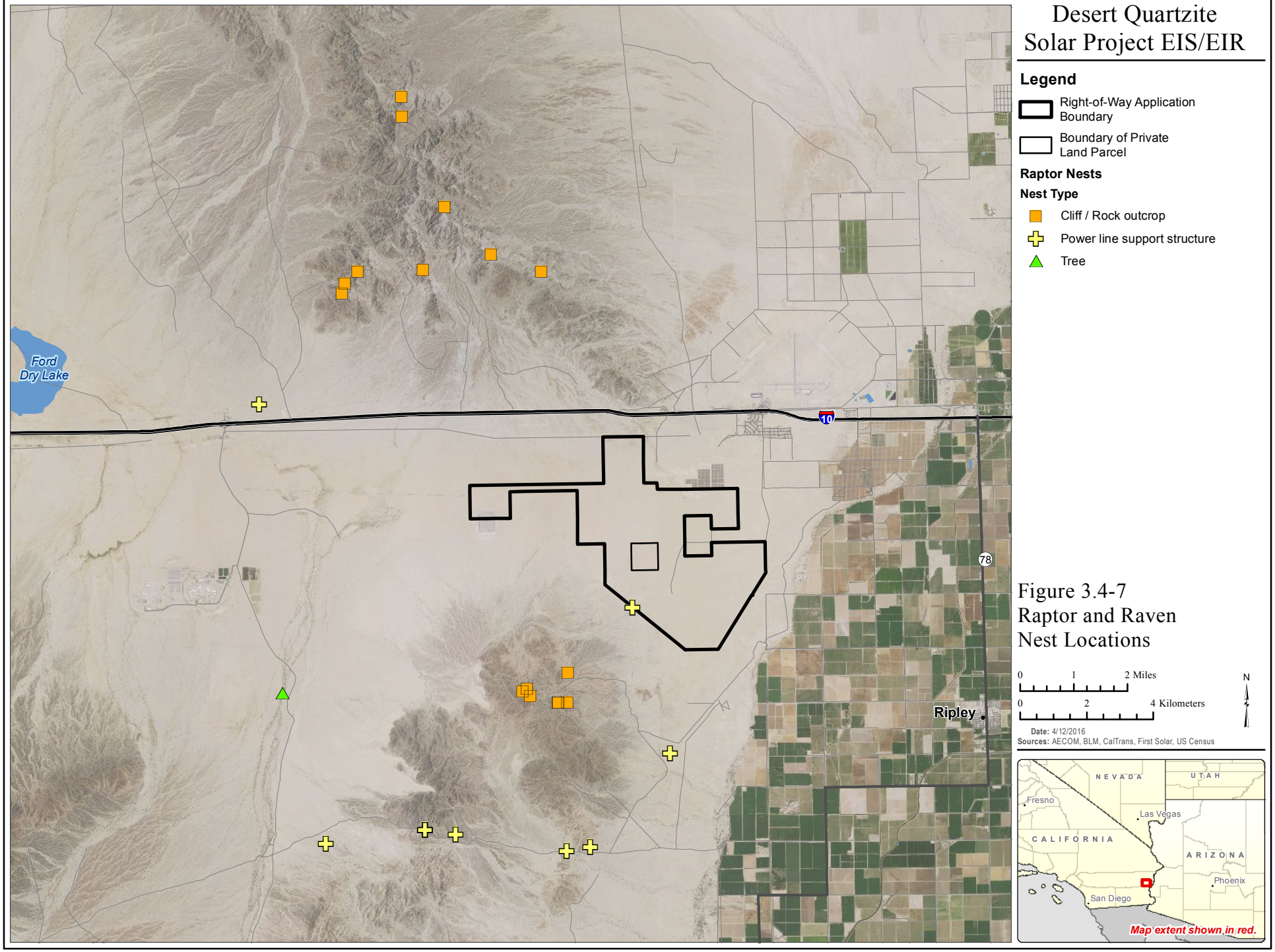
N

Date: 1/25/2016

Sources: AECOM, BLM, CalTrans, First Solar, US Census

E:\GIS\Projects\DesertQuartzite\Figures\Bio\FIG_03_04_06_MigratoryBirdSurveys.mxd

1/25/2016



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Raptor Nests

Nest Type

- Cliff / Rock outcrop
- Power line support structure
- Tree

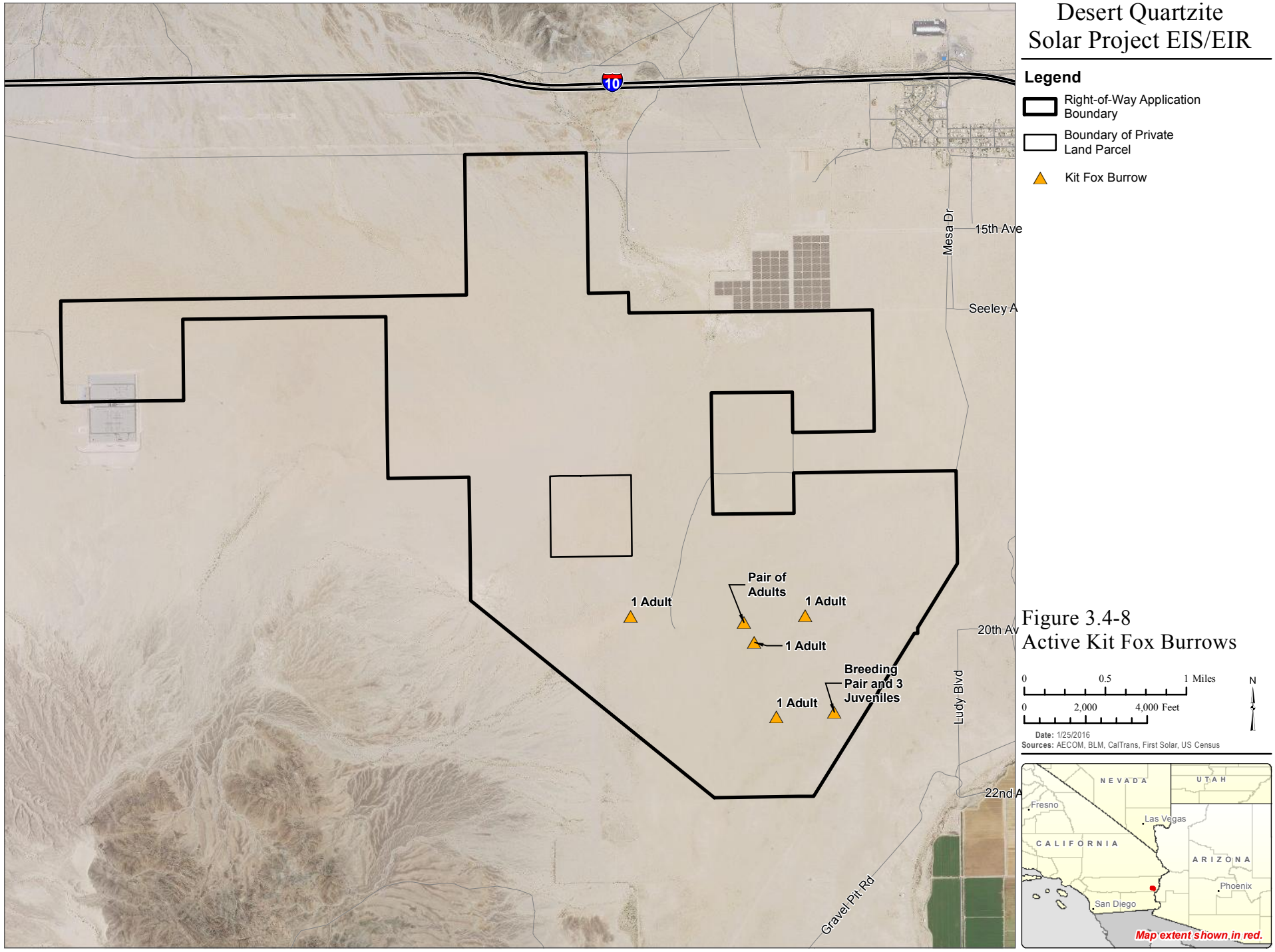
Figure 3.4-7
Raptor and Raven Nest Locations

0 1 2 Miles
0 2 4 Kilometers
N

Date: 4/12/2016
Sources: AECOM, BLM, CalTrans, First Solar, US Census

E:\GIS\Projects\DesertQuartzite\Figures\Bio\FIG_03_04_07_RaptorRavenNests.mxd

1/25/2016



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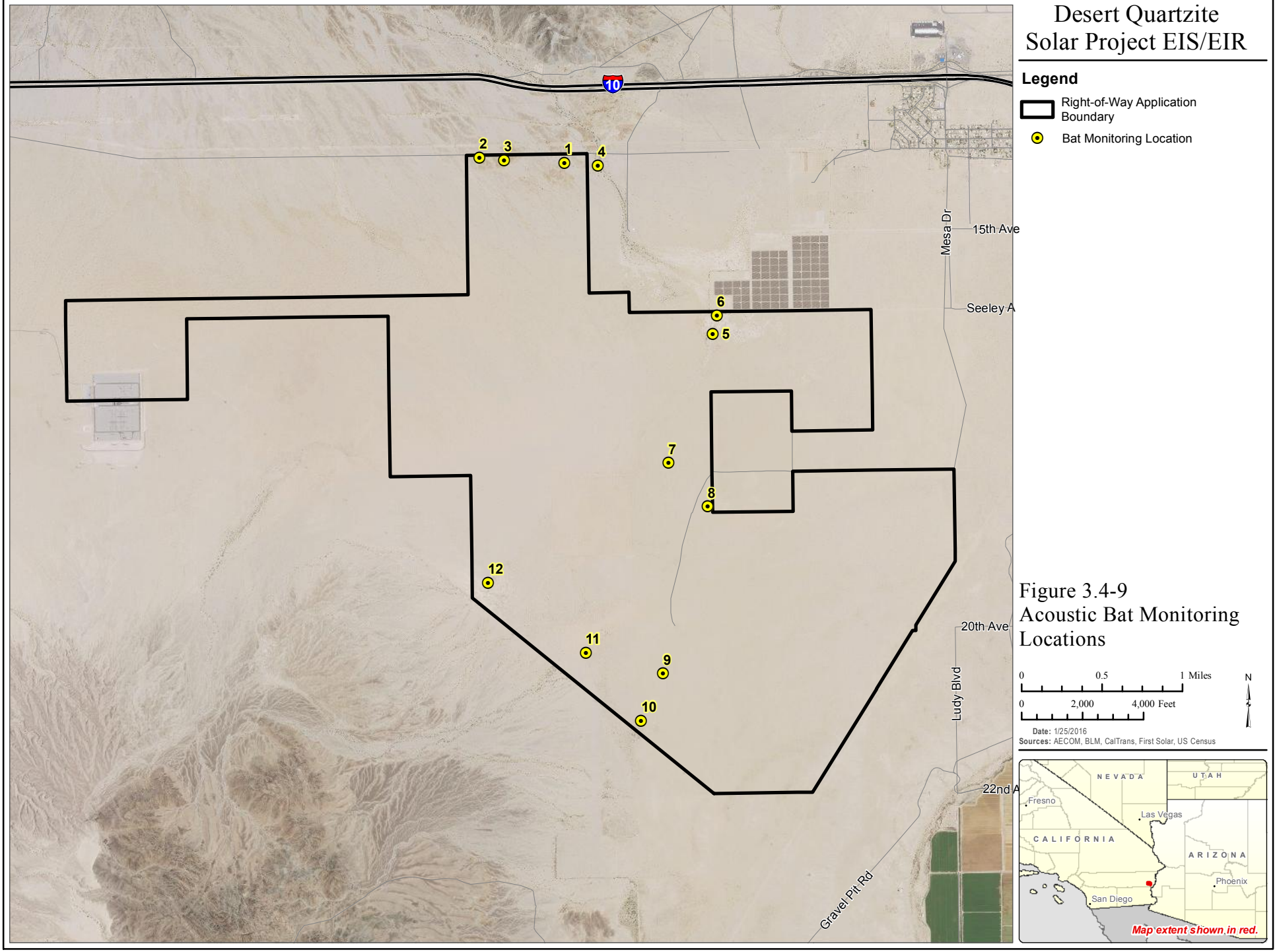
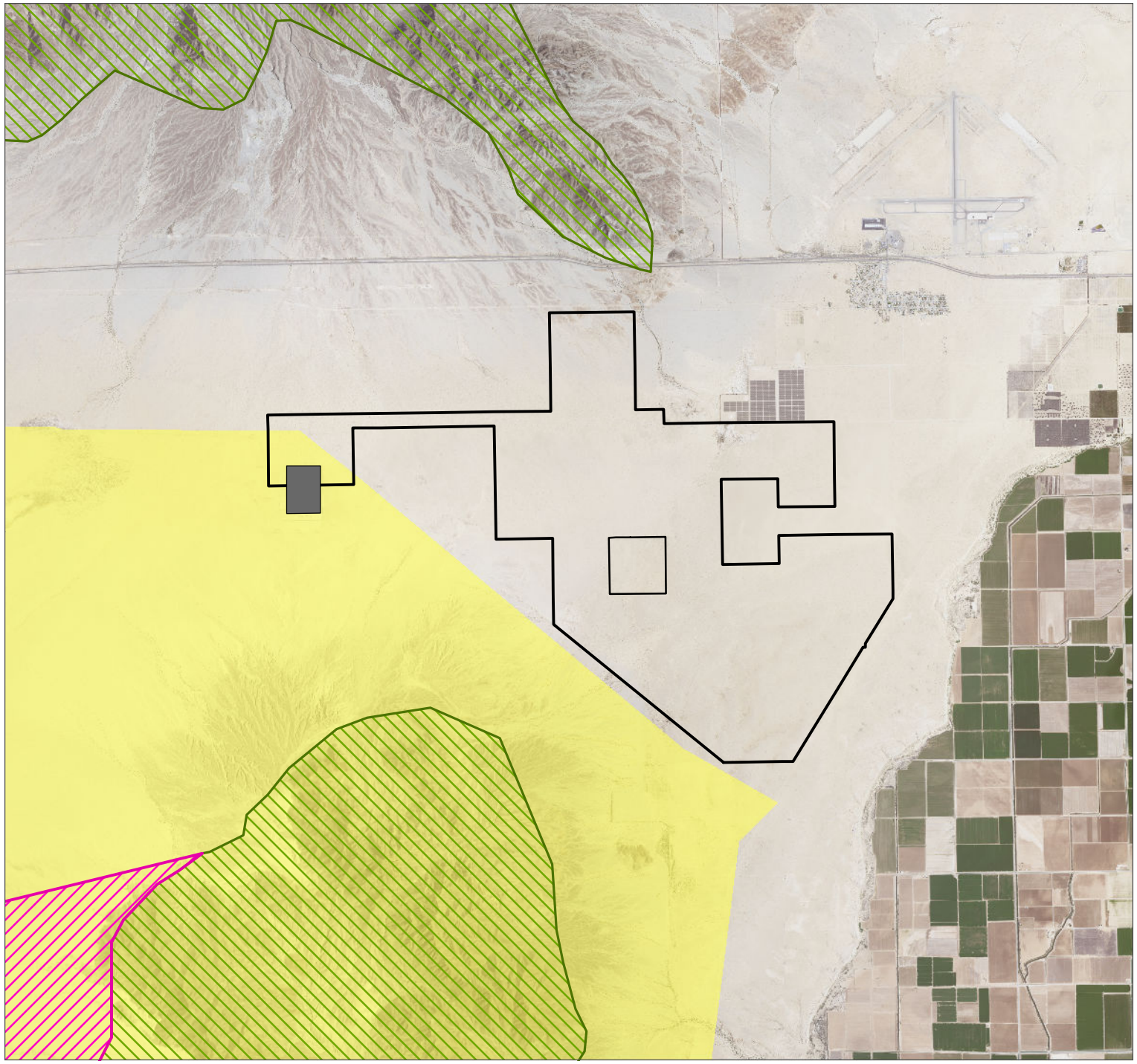
1/25/2016



E:\GIS\Projects\DesertQuartzite\Figures\Bio\FIG_03_04_09_BatMonitoringLocations.mxd

1/25/2016



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel
- Substation

WHMAs

- Bighorn Sheep Unoccupied Range
- Bighorn Sheep Connectivity Corridor
- Multi Species

Figure 3.4-10
Bighorn Sheep
WHMAs

0 0.5 1 Miles

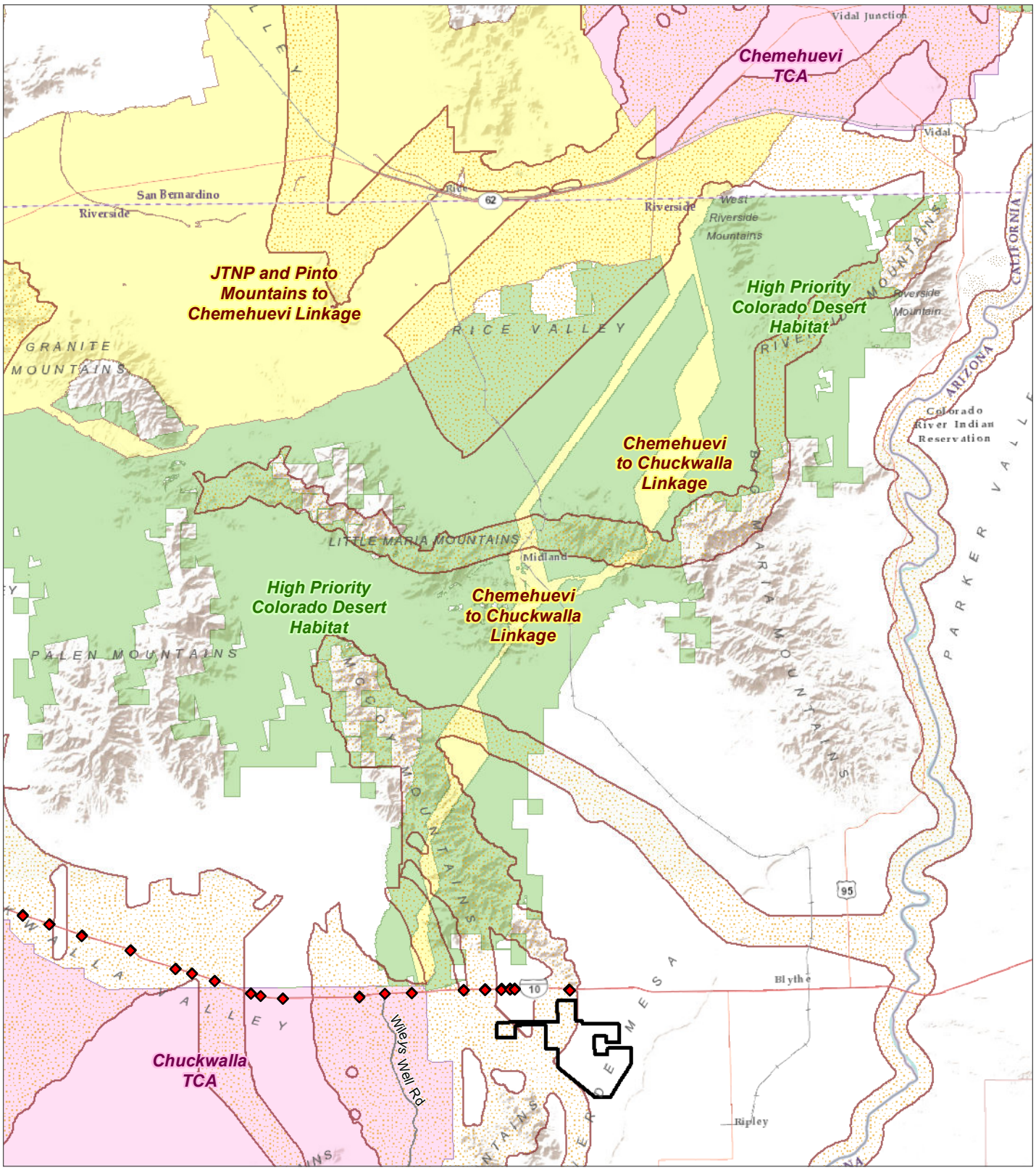
0 1 2 Kilometers

N

Date: 3/12/2018
Sources: AECOM, BLM, First Solar, USGS

M:\Denver_GIS\Projects\DesertQuartzite\Figures\BioFIG_03_04_10_BighornWHMAs.mxd

3/12/2018



Desert Quartzite Solar Project EIS/EIR

Figure 3.4-11
Wildlife Linkages and Conservation Areas

Legend

- Right-of-Way Application Boundary
- Bridge/Culvert
- High Priority Habitat
- Linkage
- Tortoise Conservation Area
- California Desert Linkage Network

N

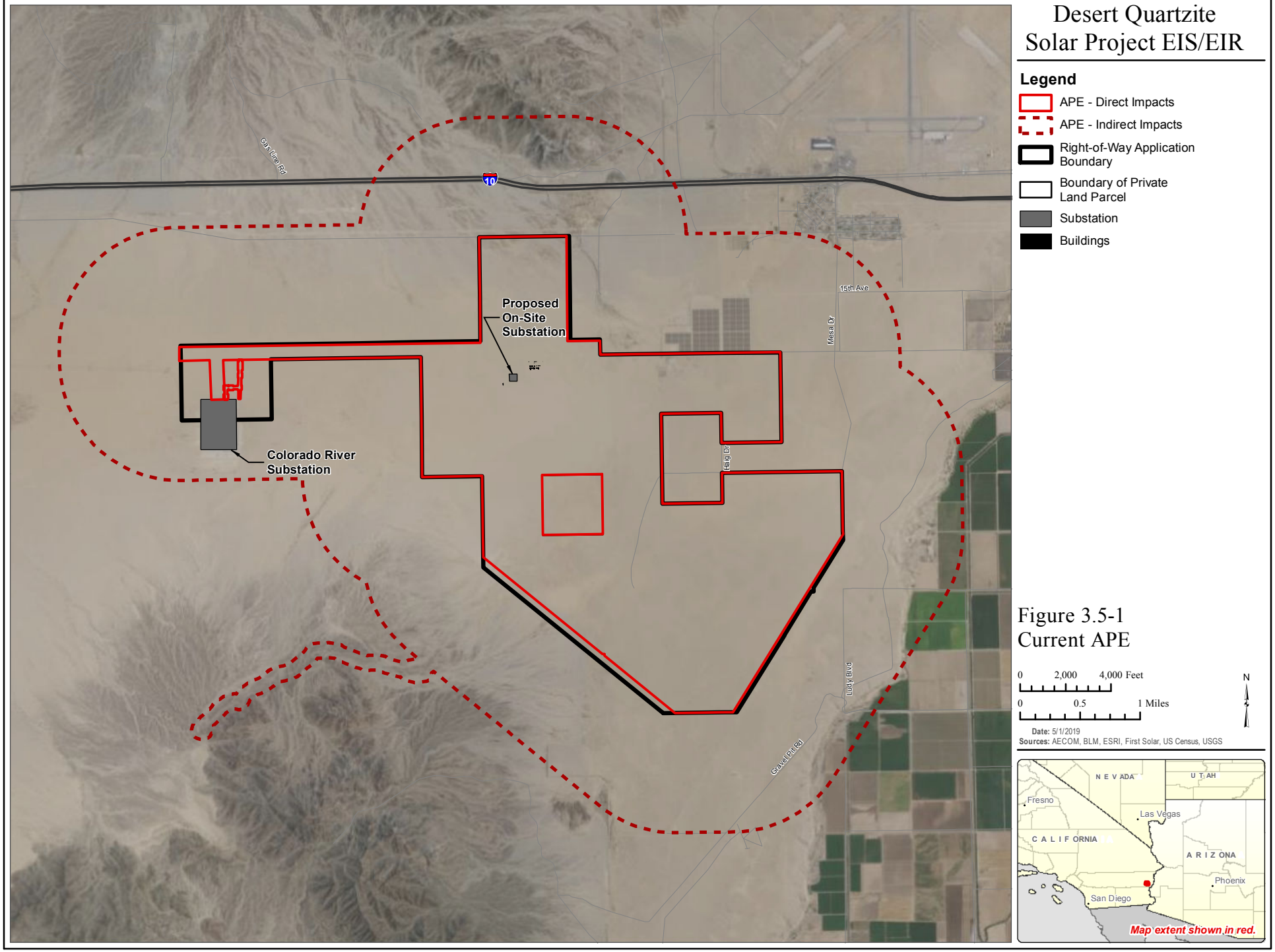
0 2.5 5
Miles

0 5 10
Kilometers

Date: 4/11/2019
Sources: AECOM, ESRI, First Solar, DRECP

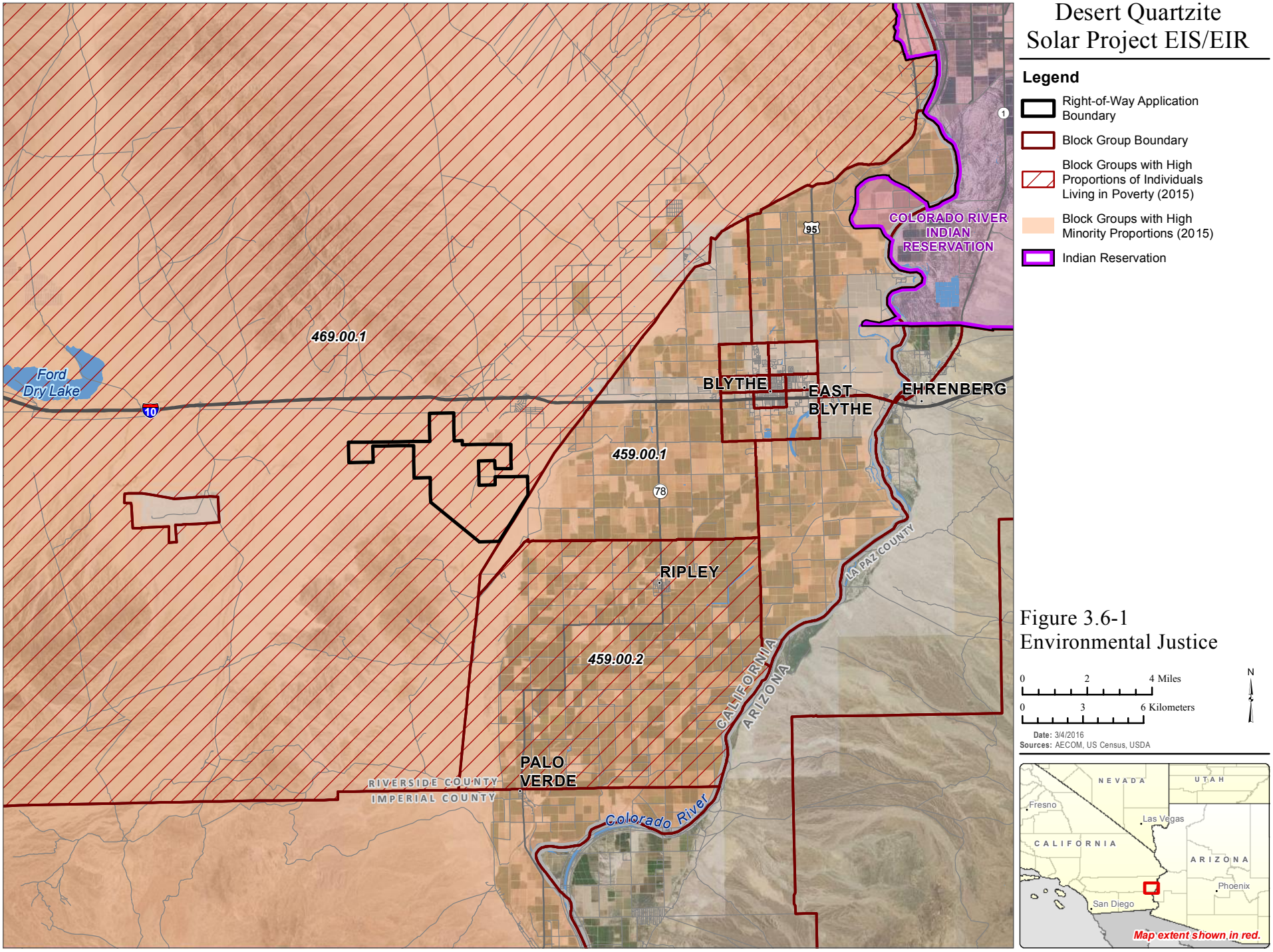
M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_04_11_WildlifeLinkages.mxd

4/11/2019



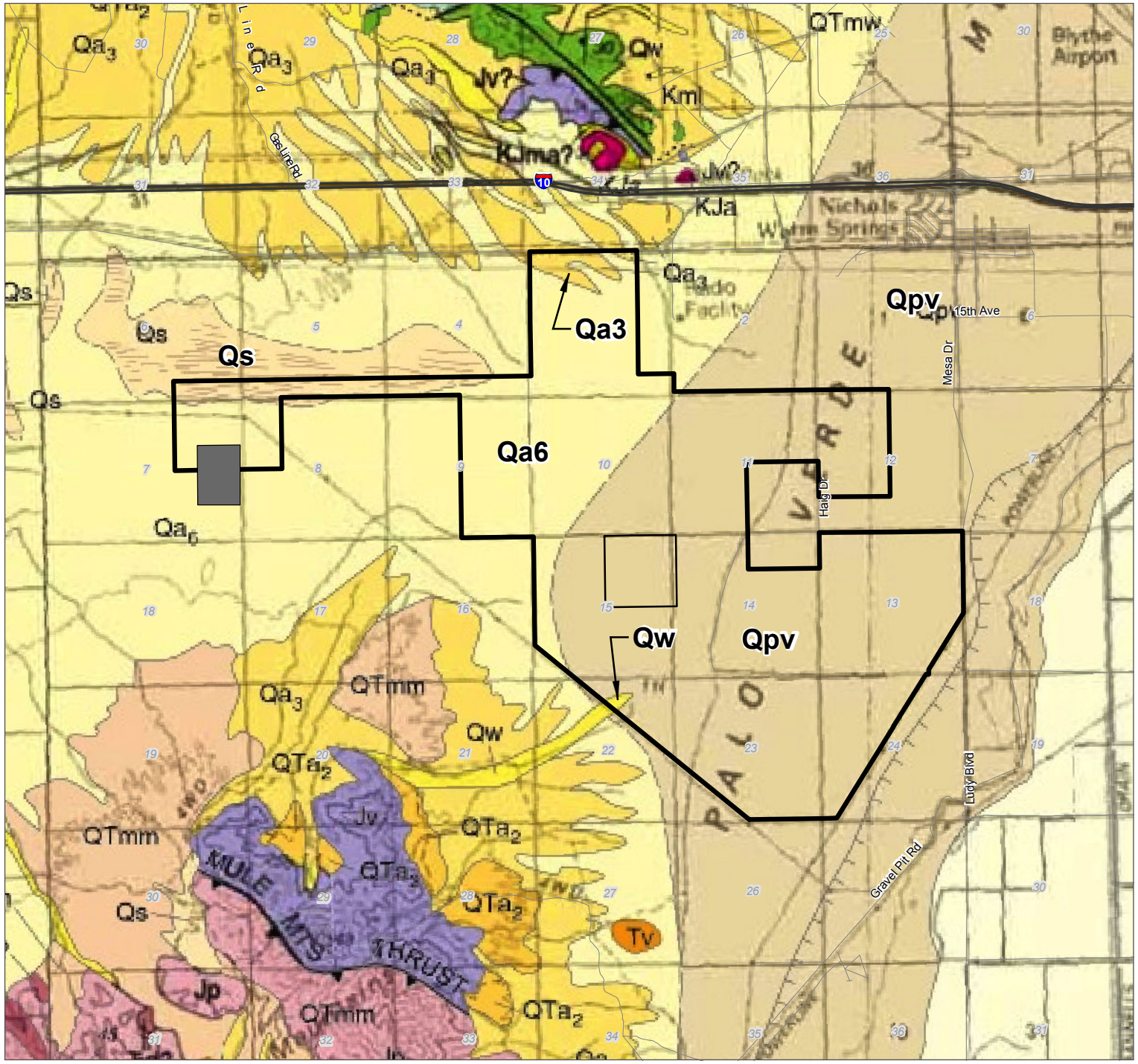
M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_05_01_Current_APE.mxd

5/1/2019



E:\GIS\Projects\DesertQuartzite\Figures\FIG_03_06_01_EnvJustice.mxd

3/4/2016



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel
- Substation

List of Project Site Map Units

- Qw - Alluvium of modern washes (Holocene)
- Qs - Eolian sand (Holocene)
- Qa3 - Alluvial fan and valley deposits (Unit 3) (Holocene to Pleistocene)
- Qa6 - Alluvial fan and alluvial valley deposits (Unit 6) (Holocene)
- Qpv - Alluvial deposits of Palo Verde Mesa (Pleistocene)

Figure 3.7-1
Geologic Map of Project Area

0 2,000 4,000 Feet
0 0.5 1 Miles
N

Date: 3/15/2016
Sources: AECOM, BLM, CalTrans, First Solar, US Census, USGS

E:\GIS\Projects\DesertQuartzite\Figures\FIG_03_07_01_Geology.mxd

3/15/2016

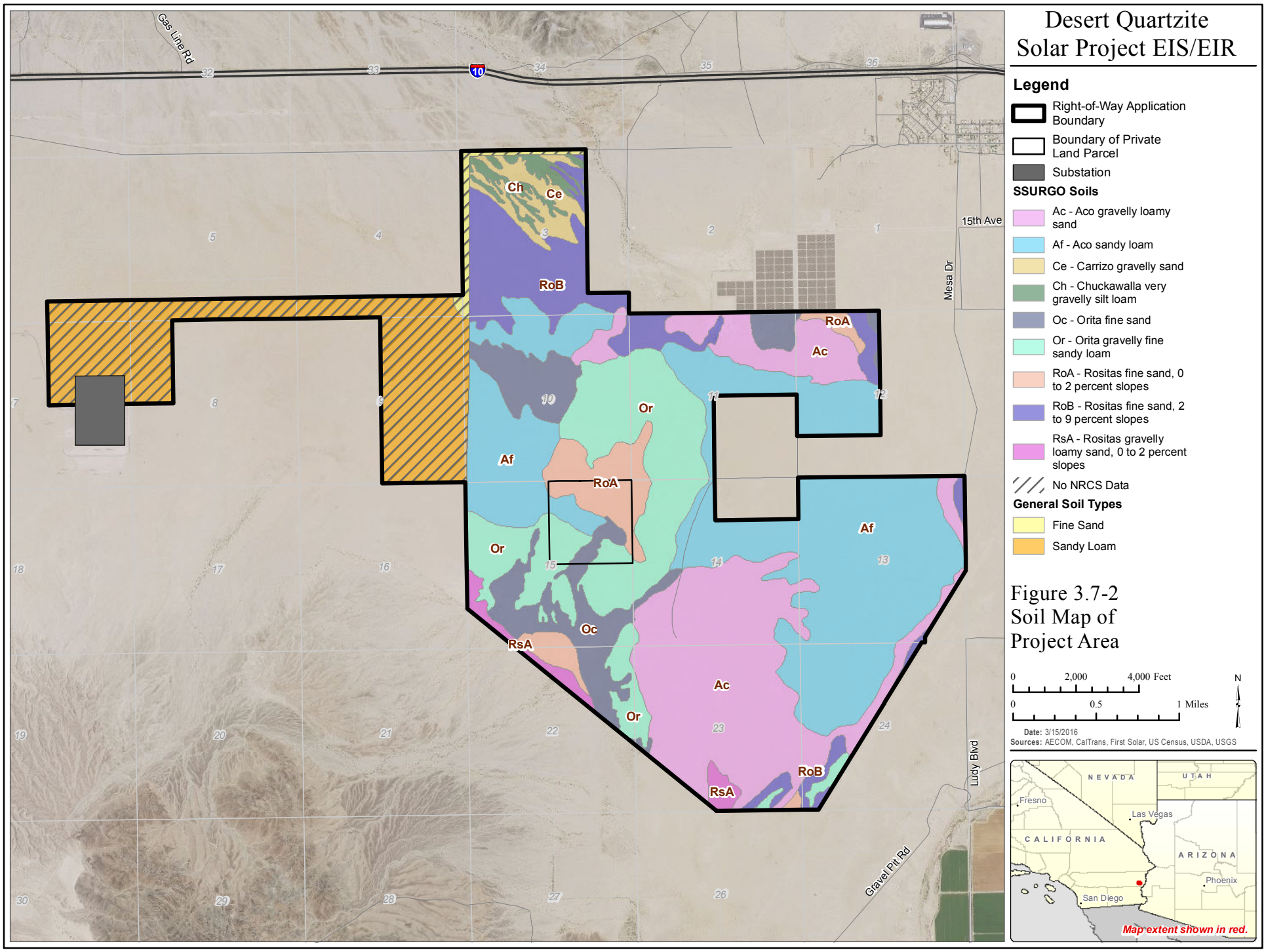
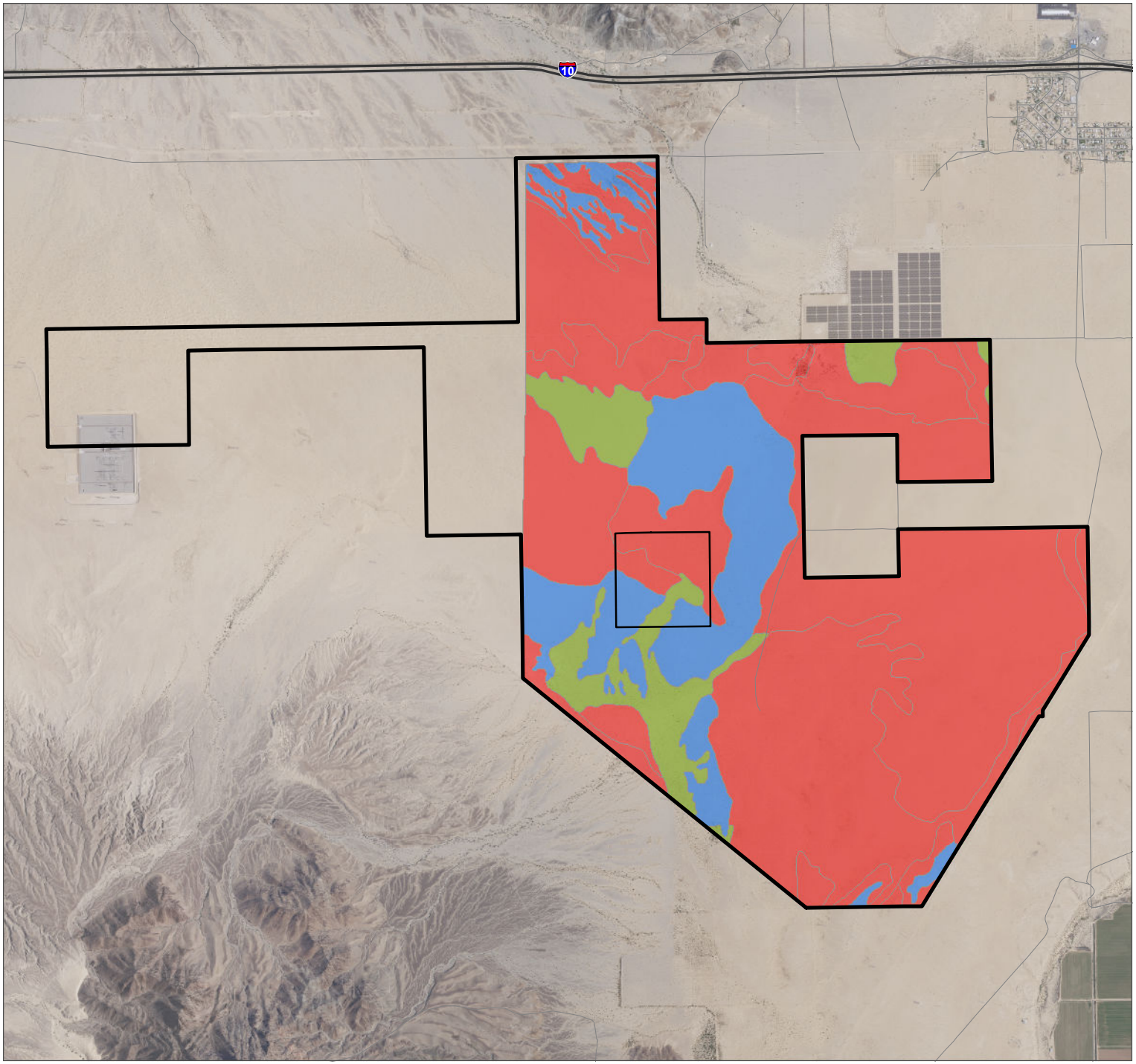


Figure 3.7-2
Soil Map of
Project Area

E:\GIS\Projects\DesertQuartzite\Figures\FIG_03_07_Soils.mxd

3/15/2016



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

SSURGO Soils

Hydrologic Group

- A - Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.
- B - Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission..
- C - Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission..

Figure 3.7-3
SSURGO Soils Hydrologic Groups

0 0.5 1 Miles

0 2,000 4,000 Feet

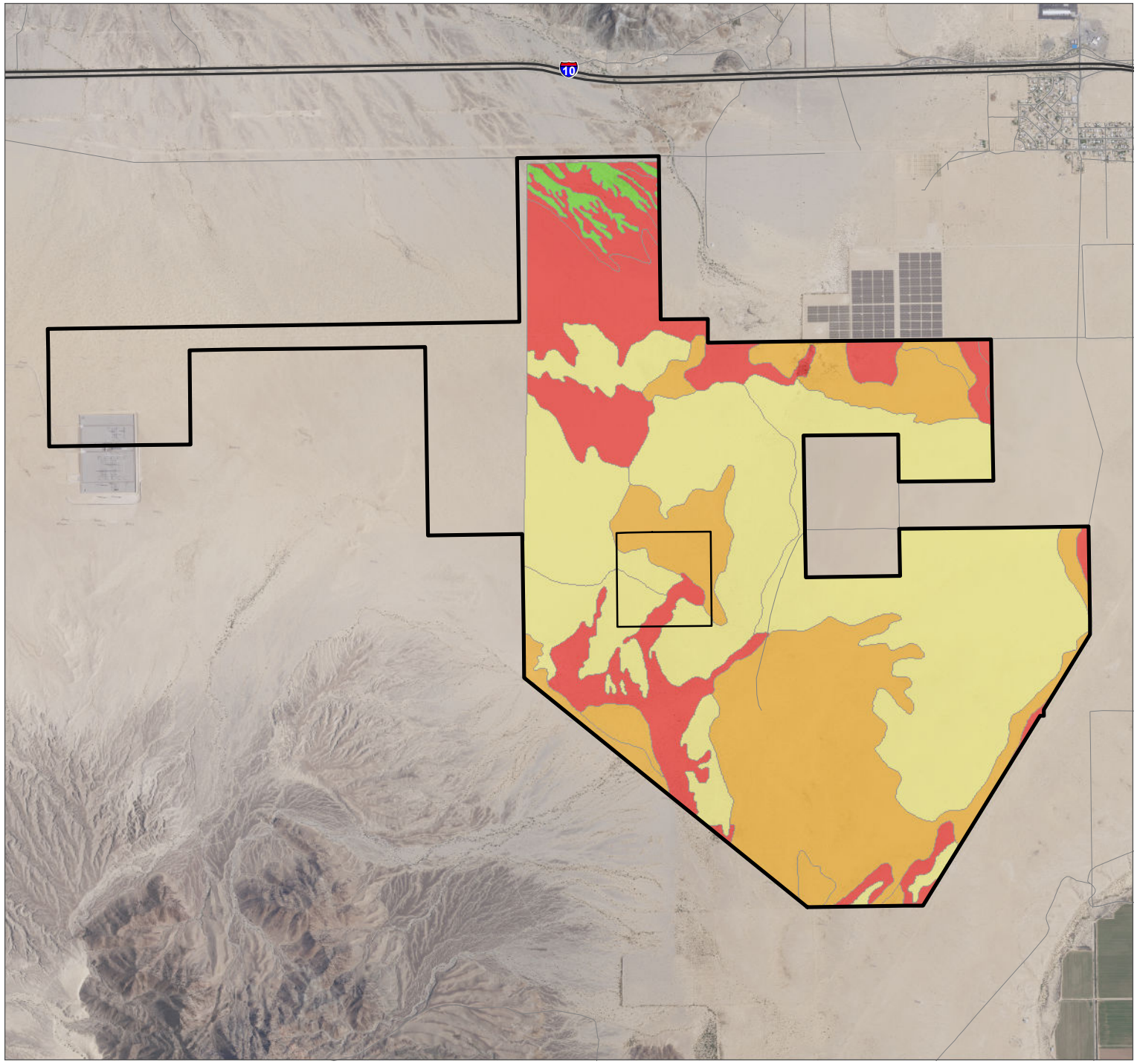
N

Date: 4/24/2018

Sources: AECOM, BLM, CalTrans, First Solar, NRCS, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_07_03_HydroGroups.mxd

4/24/2018



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

SSURGO Soils

Wind Erodibility (Tons/Acre/Year)

- 310 t/a/y
- 134 t/a/y
- 86 t/a/y
- 38 t/a/y

Figure 3.7-4
SSURGO Soils
Wind Erodibilty

0 0.5 1 Miles

0 2,000 4,000 Feet

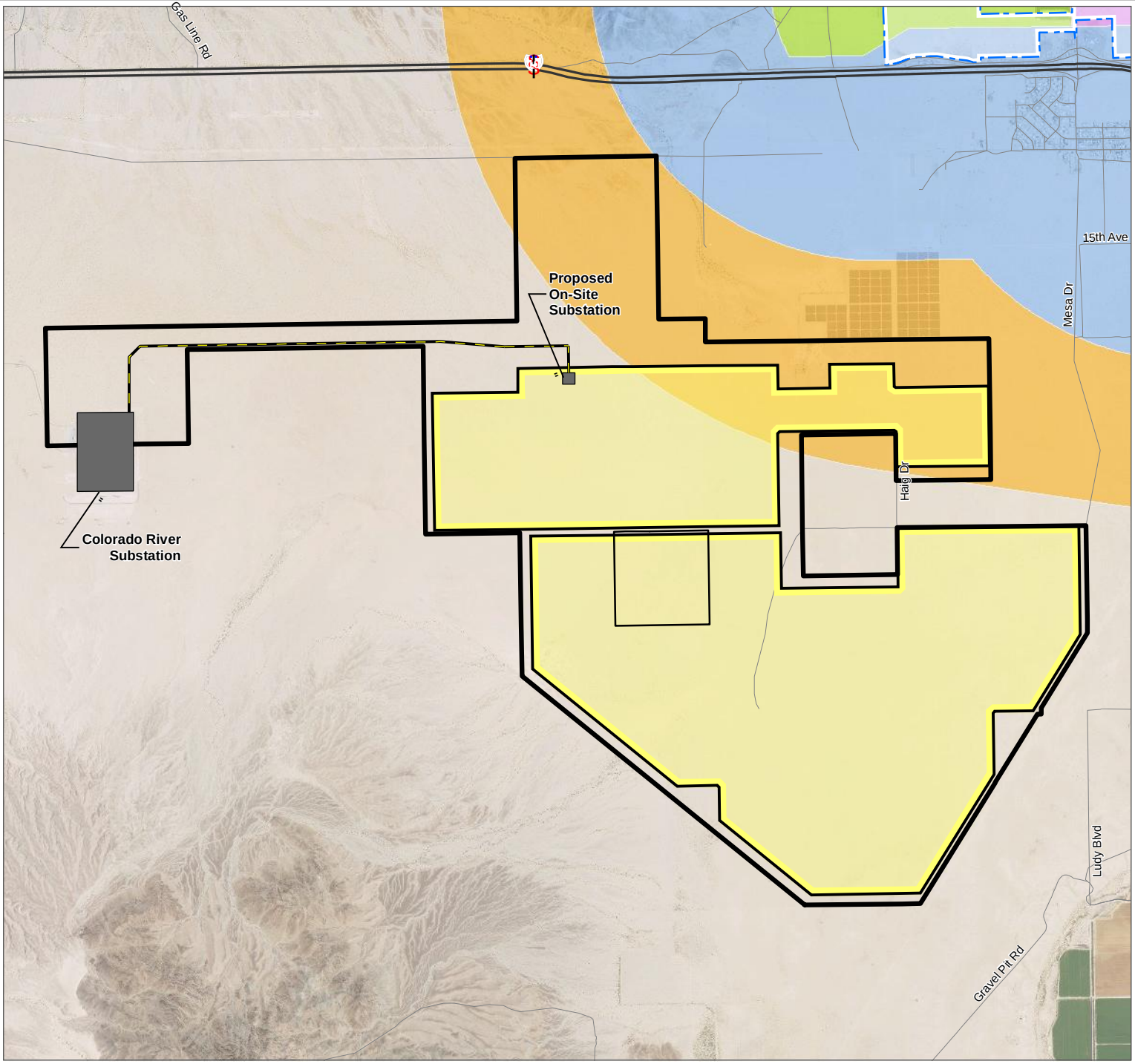
N

Date: 3/13/2018

Sources: AECOM, BLM, CalTrans, First Solar, NRCS, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_07_04_WindErodibility.mxd

3/13/2018



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Proposed Action Footprint
- Boundary of Private Land Parcel
- Substation
- Gen-Tie Line
- Blythe Airport Property Boundary

Airport Compatibility Zones

- B2
- C
- D
- E

Figure 3.9-1
Airport Compatibility Zones

0 2,000 4,000 Feet

0 0.5 1 Miles

Date: 2/2/2016

Sources: AECOM, First Solar, Riverside County, US Census

E:\GIS\Projects\DesertQuartzite\Figures\FIG_03_09_01_AirportCompatibilityZones.mxd

2/2/2016

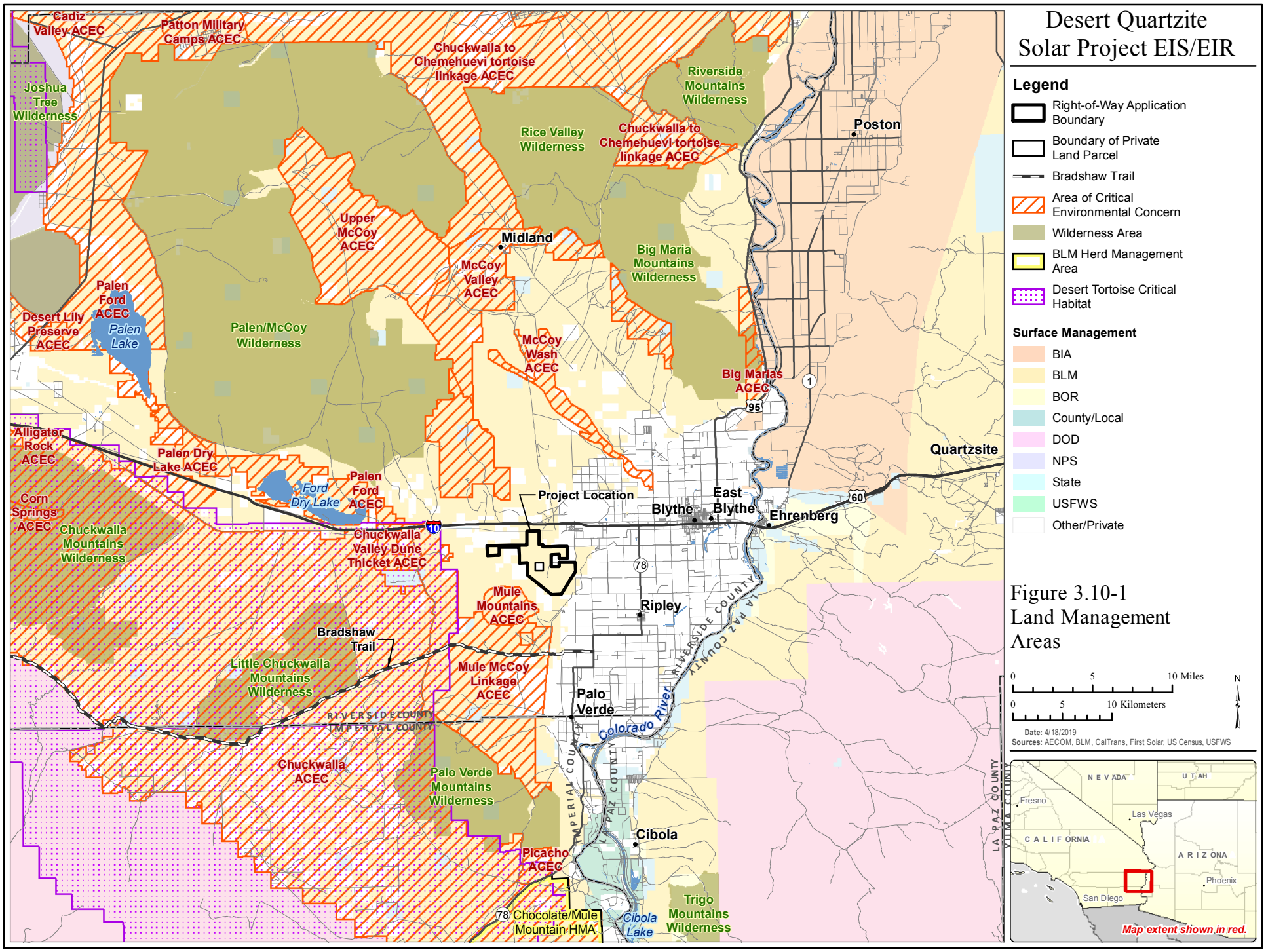
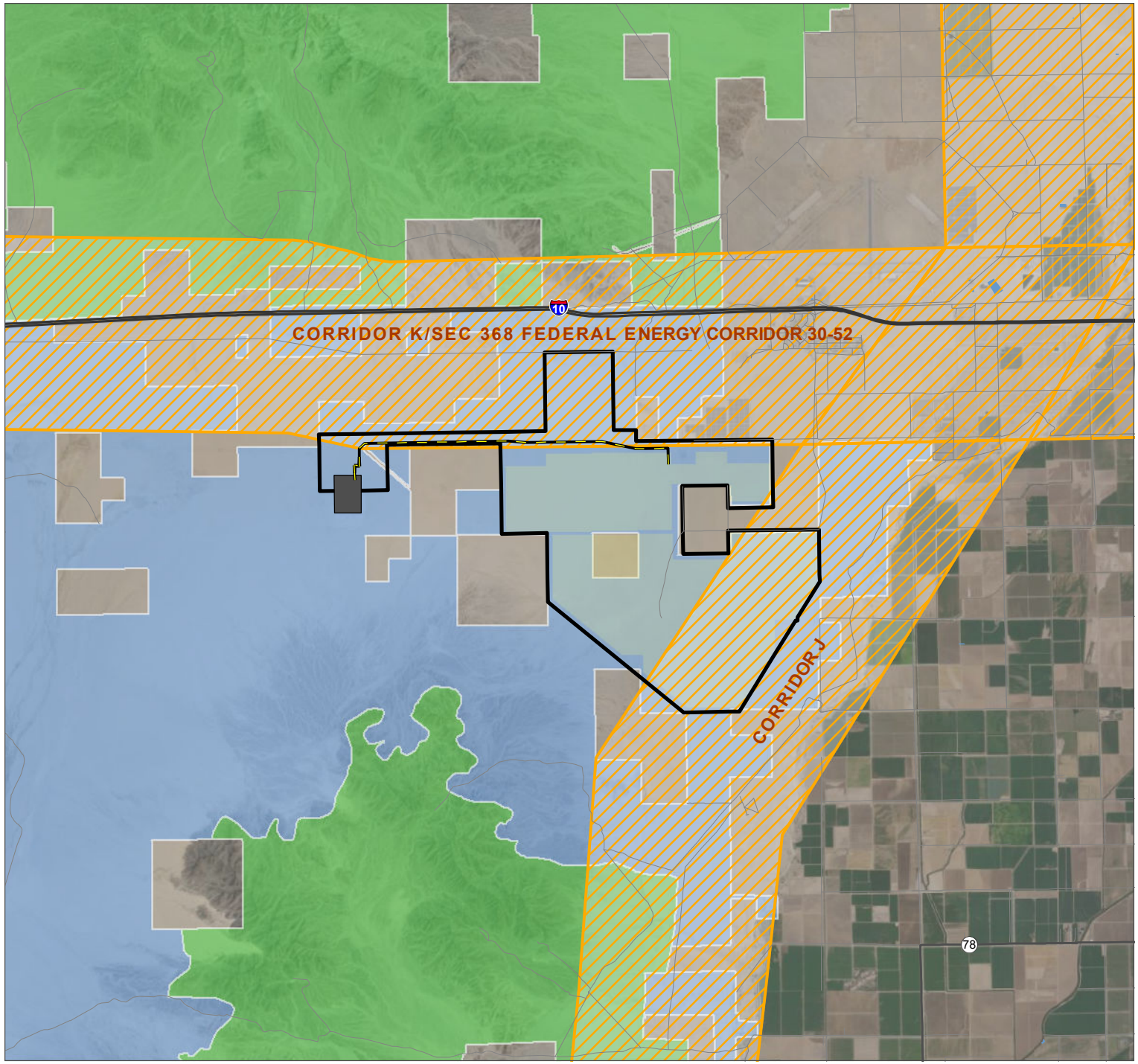


Figure 3.10-1
Land Management Areas

M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_10_01_LandManagementAreas.mxd

4/18/2019



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Colorado River Substation
- Gen-Tie Line
- BLM Energy Corridor

BLM Multiple Use Classes

- Limited
- Moderate

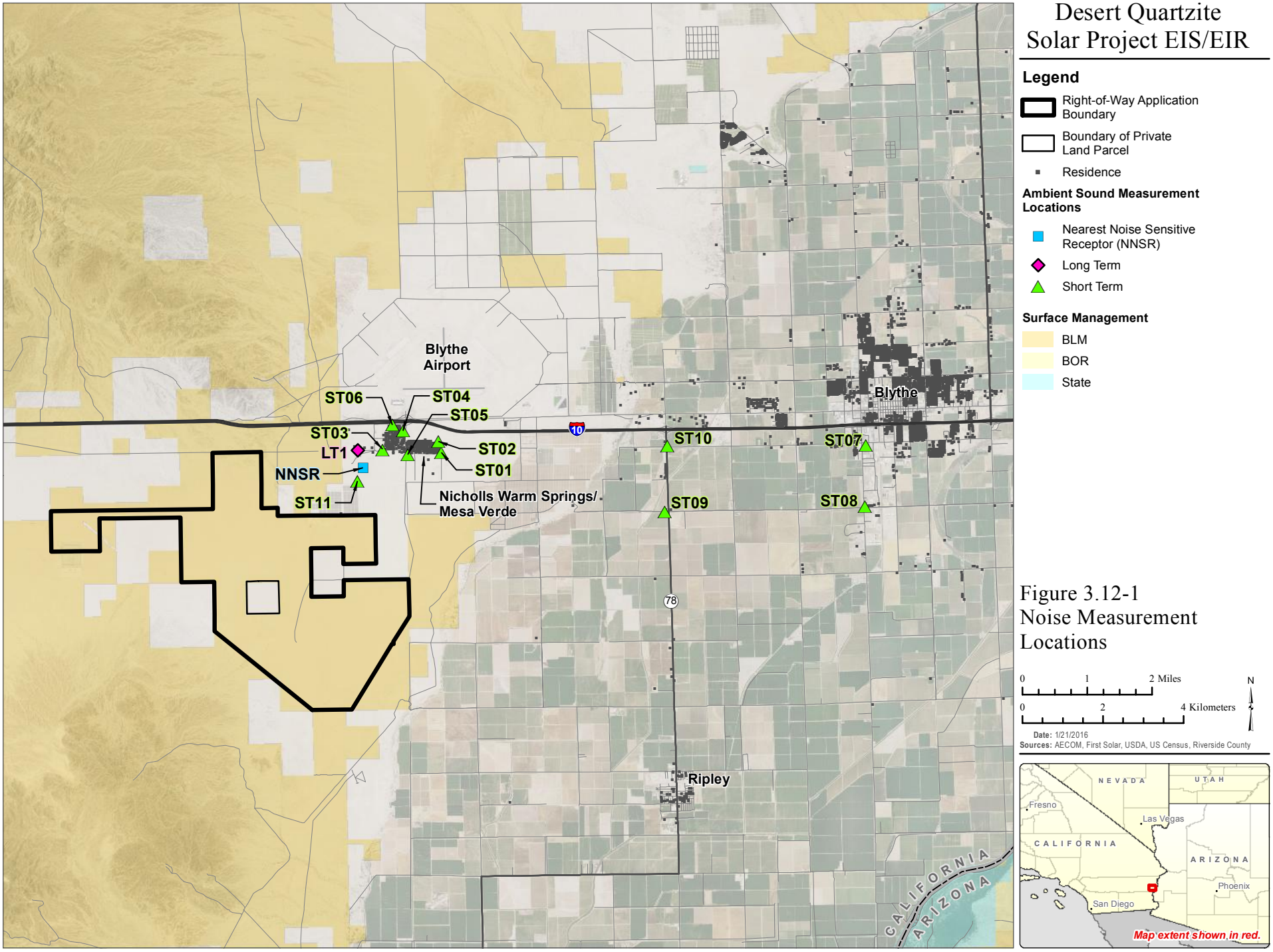
Figure 3.10-2
BLM Multiple Use Classes & Energy Corridors

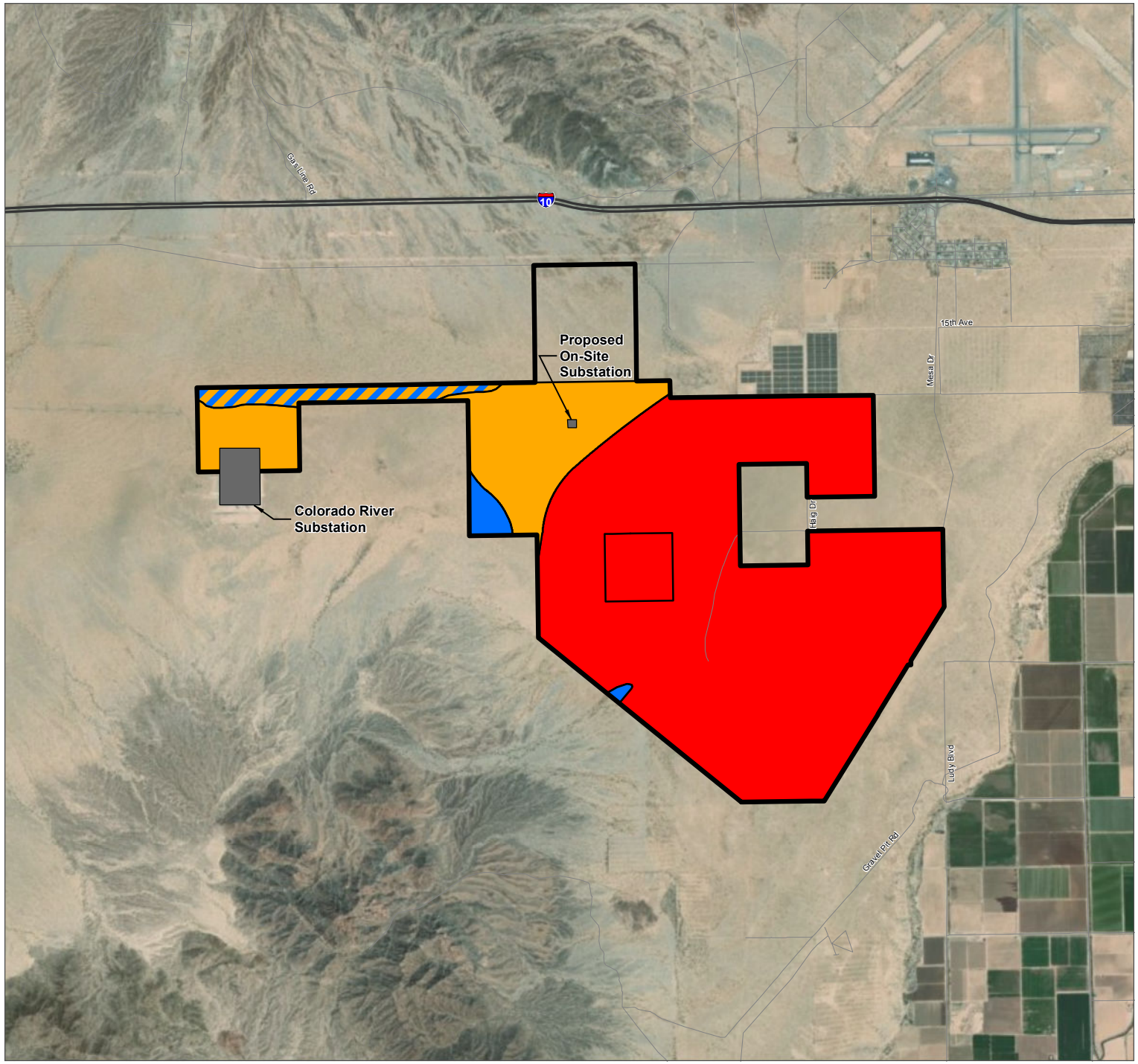
0 1 2 Miles
0 1 2 Kilometers
N

Date: 4/18/2019
Sources: AECOM, BLM, CalTrans, First Solar, US Census

M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_10_02_MUCsEnergyCorridors.mxd

4/18/2019


Desert Quartzite
Solar Project EIS/EIR
Legend
Right-of-Way Application Boundary
Boundary of Private Land Parcel
Residence
Ambient Sound Measurement Locations
Nearest Noise Sensitive Receptor (NNSR)
Long Term
Short Term
Surface Management
BLM
BOR
State
Blythe Airport
ST06
ST04
ST05
ST03
LT1
ST02
ST01
NNSR
ST11
Nicholls Warm Springs/ Mesa Verde
Blythe
ST10
ST07
ST09
ST08
78
Ripley
CALIFORNIA
ARIZONA
Figure 3.12-1
Noise Measurement Locations
0 1 2 Miles
0 2 4 Kilometers
N
Date: 1/21/2016
Sources: AECOM, First Solar, USDA, US Census, Riverside County
NEVADA
UTAH
Fresno
Las Vegas
CALIFORNIA
ARIZONA
Phoenix
San Diego
Map extent shown in red.
E:\GIS\Projects\DesertQuartzite\Figures\FIG_03_12_01_Noise.mxd
1/21/2016



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel
- Substation

Potential Fossil Yield Classification

- PFYC Class 2; SVP: Low
- PFYC Class 3; SVP: High
- PFYC Class 2; SVP: Low/PFYC Class 3; SVP: High
- PFYC Class 4; SVP: High

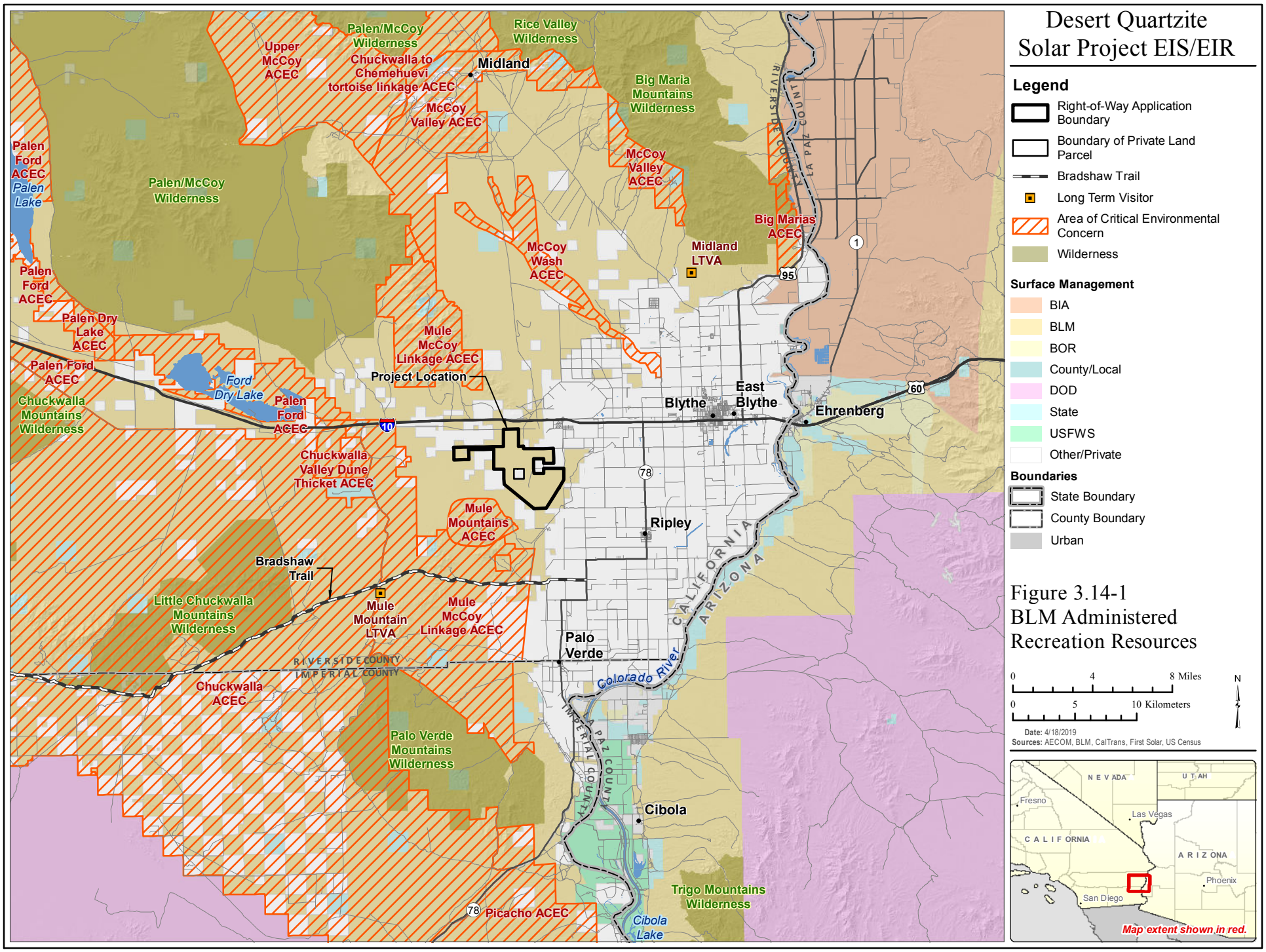
Figure 3.13-1
Distribution of Potential Fossil Yield Classifications

0 2,000 4,000 Feet
0 0.5 1 Miles
N

Date: 3/8/2019
Sources: AECOM, BLM, ESRI, First Solar, US Census, USGS

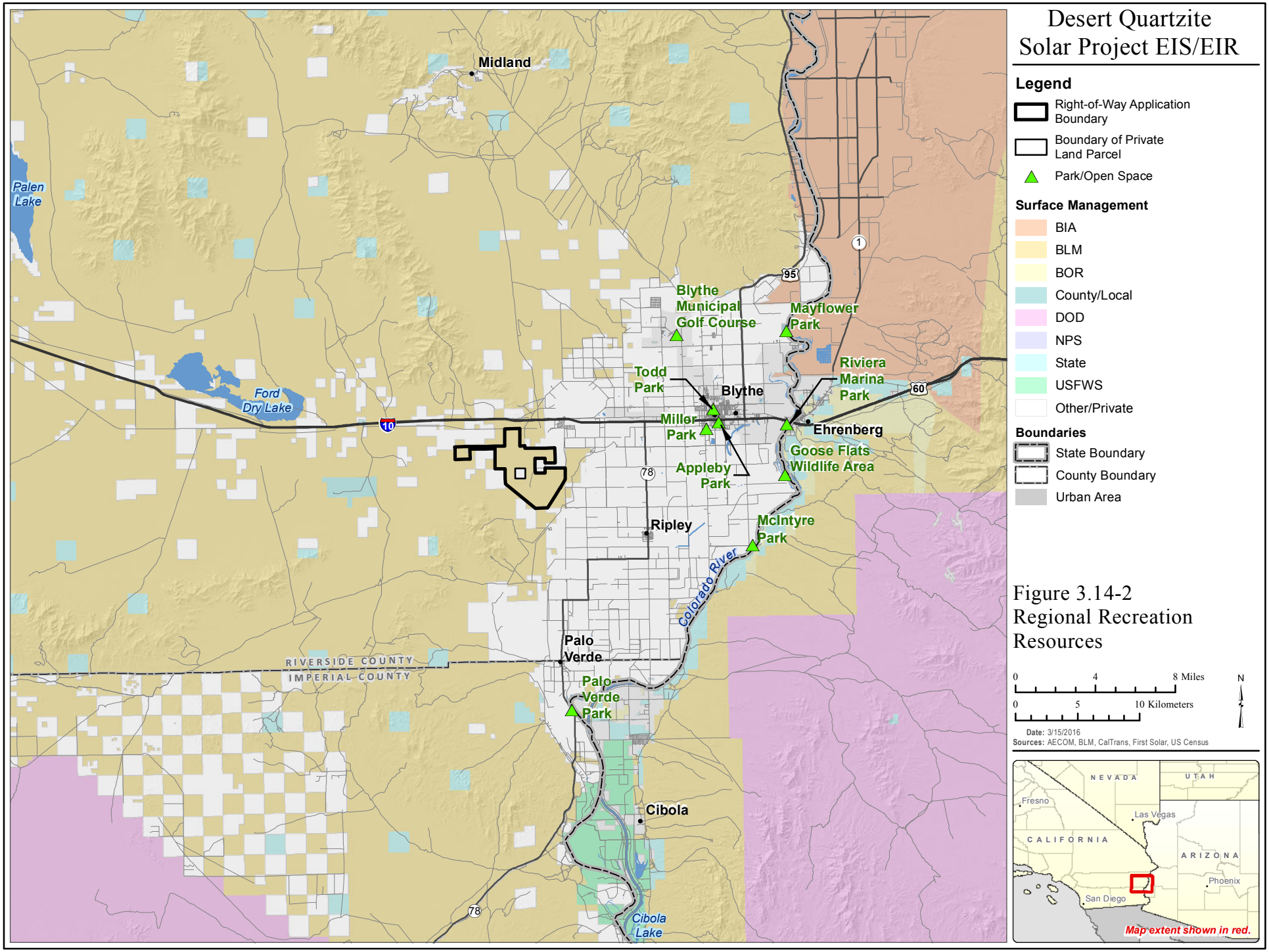
M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_13_01_FossilYield.mxd

3/8/2019



M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_14_01_BLM_RecAreas.mxd

4/18/2019



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel
- Park/Open Space

Surface Management

- BIA
- BLM
- BOR
- County/Local
- DOD
- NPS
- State
- USFWS
- Other/Private

Boundaries

- State Boundary
- County Boundary
- Urban Area

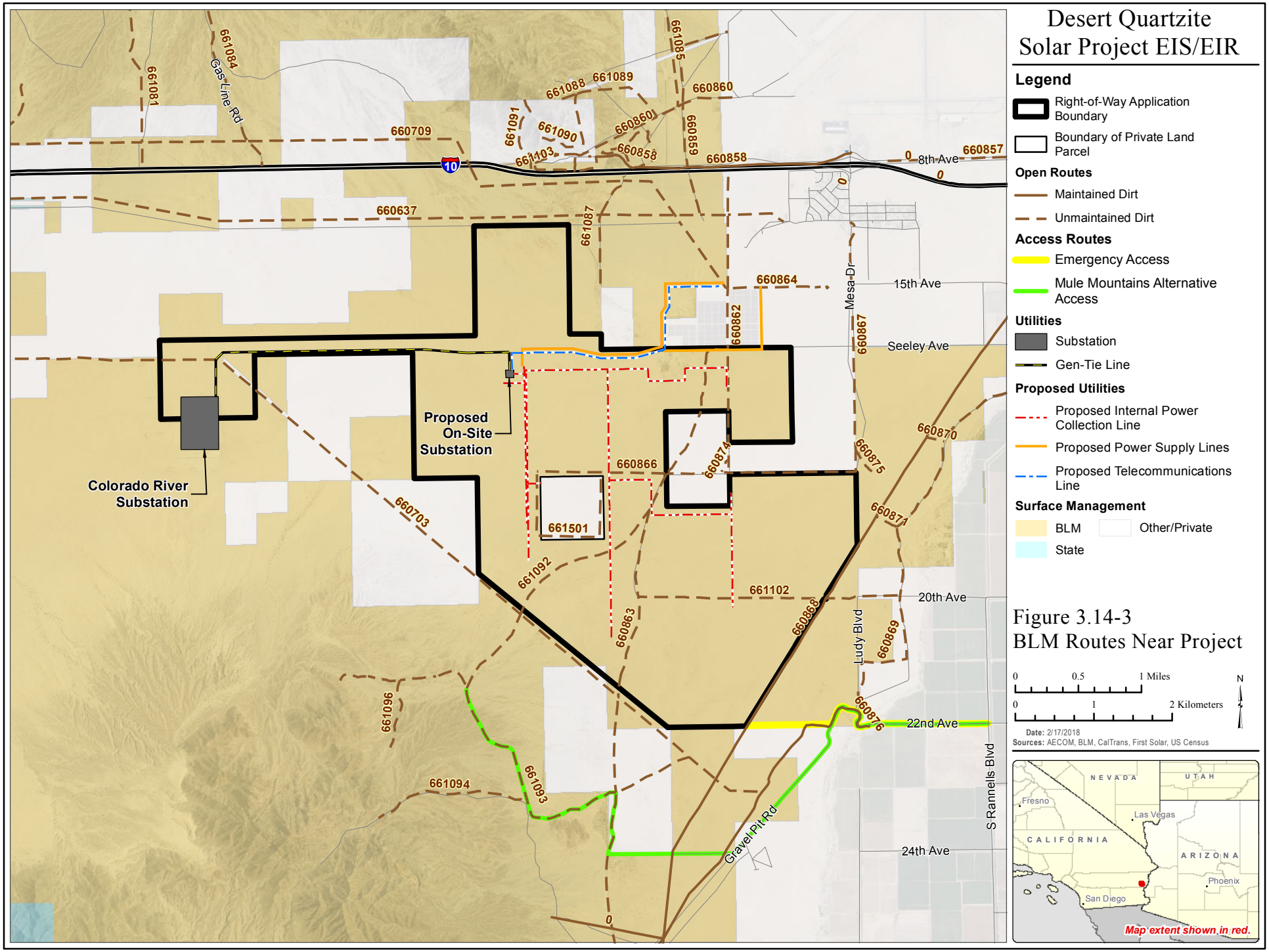
Figure 3.14-2
Regional Recreation Resources

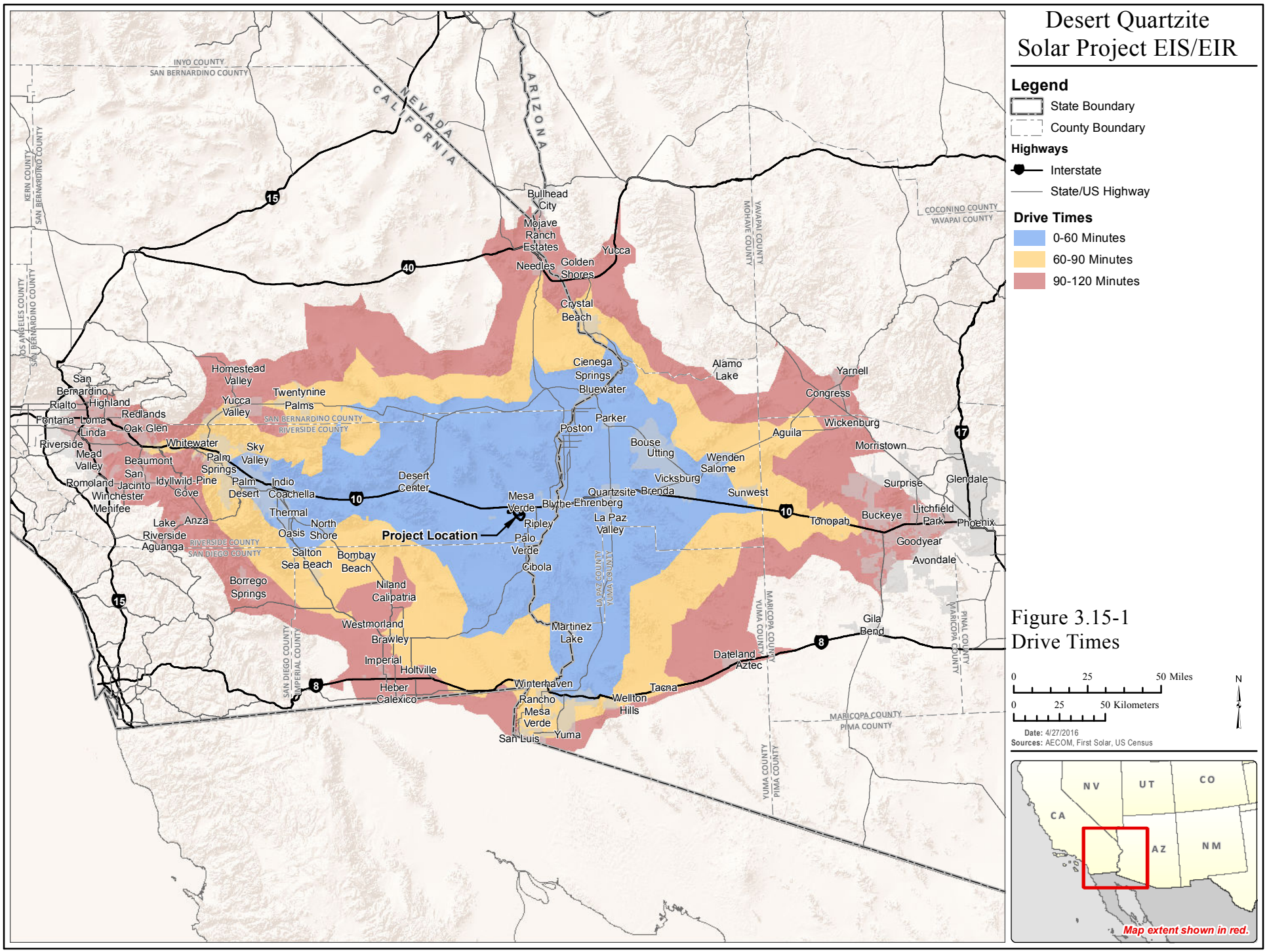
0 4 8 Miles
0 5 10 Kilometers
N

Date: 3/15/2016
Sources: AECOM, BLM, CalTrans, First Solar, US Census

E:\GIS\Projects\DesertQuartzite\Figures\FIG_03_14_02_Regional_RecAreas.mxd

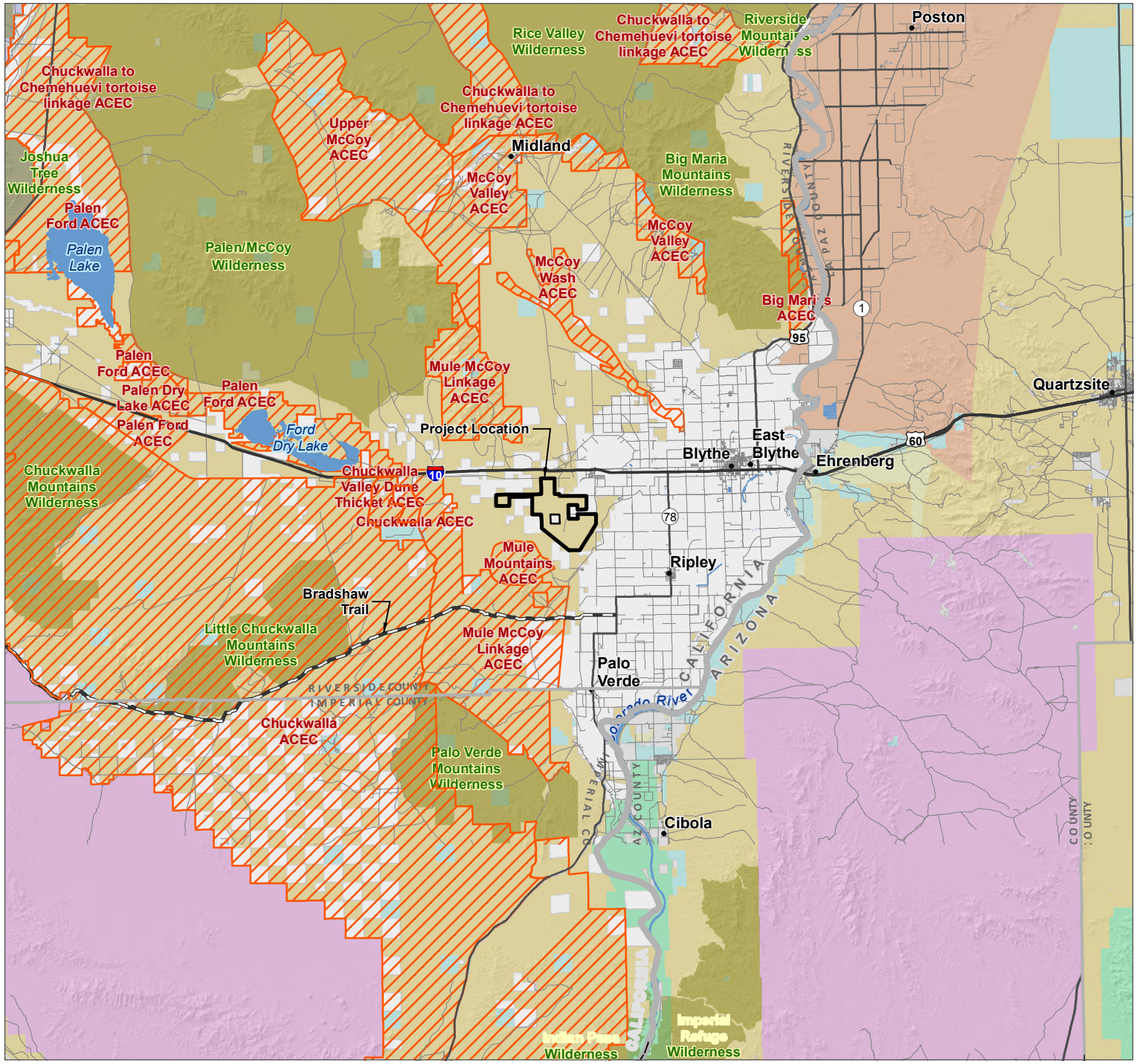
3/15/2016





E:\GIS\Projects\DesertQuartzite\Figures\FIG_03_15_01_DriveTime.mxd

4/27/2016



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel
- Area of Critical Environmental Concern
- Wilderness Area
- Bradshaw Trail

Surface Management

- BIA
- BLM
- BOR
- County/Local
- DOD
- NPS
- State
- USFWS
- Other/Private

Boundaries

- State Boundary
- County Boundary
- Urban Area

Figure 3.16-1
Special Designation Areas

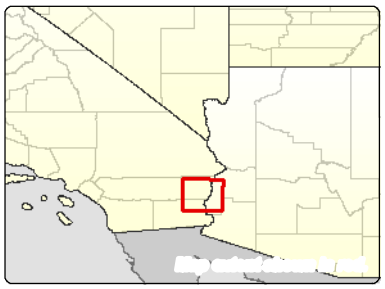
0 5 10 Miles

0 5 10 Kilometers

N

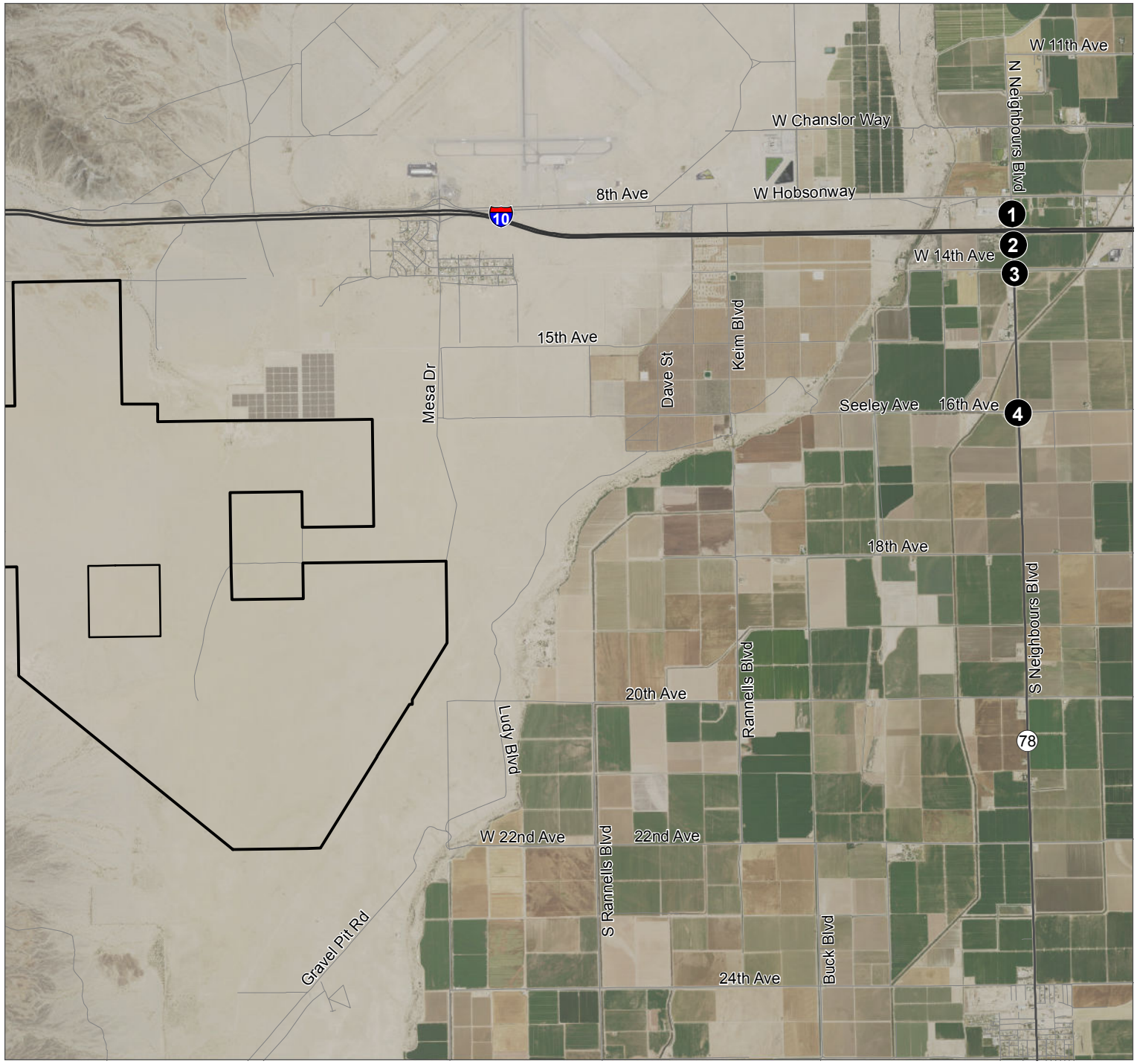
Date: 4/18/2019

Sources: AECOM, BLM, CalTrans, First Solar, US Census



M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_16_01_SpecialDesignationAreas.mxd

4/18/2019



Desert Quartzite Solar Project EIS/EIR

Legend

- Right-of-Way Application Boundary
- Boundary of Private Land Parcel

Intersections

1 – SR-78 (Neighbours Boulevard) and I-10 Westbound Ramps

2 - SR-78 (Neighbours Boulevard) and I-10 Eastbound Ramps

3 - SR-78 (Neighbours Boulevard) and 14th Avenue

4 - SR-78 (Neighbours Boulevard) and 16th Avenue

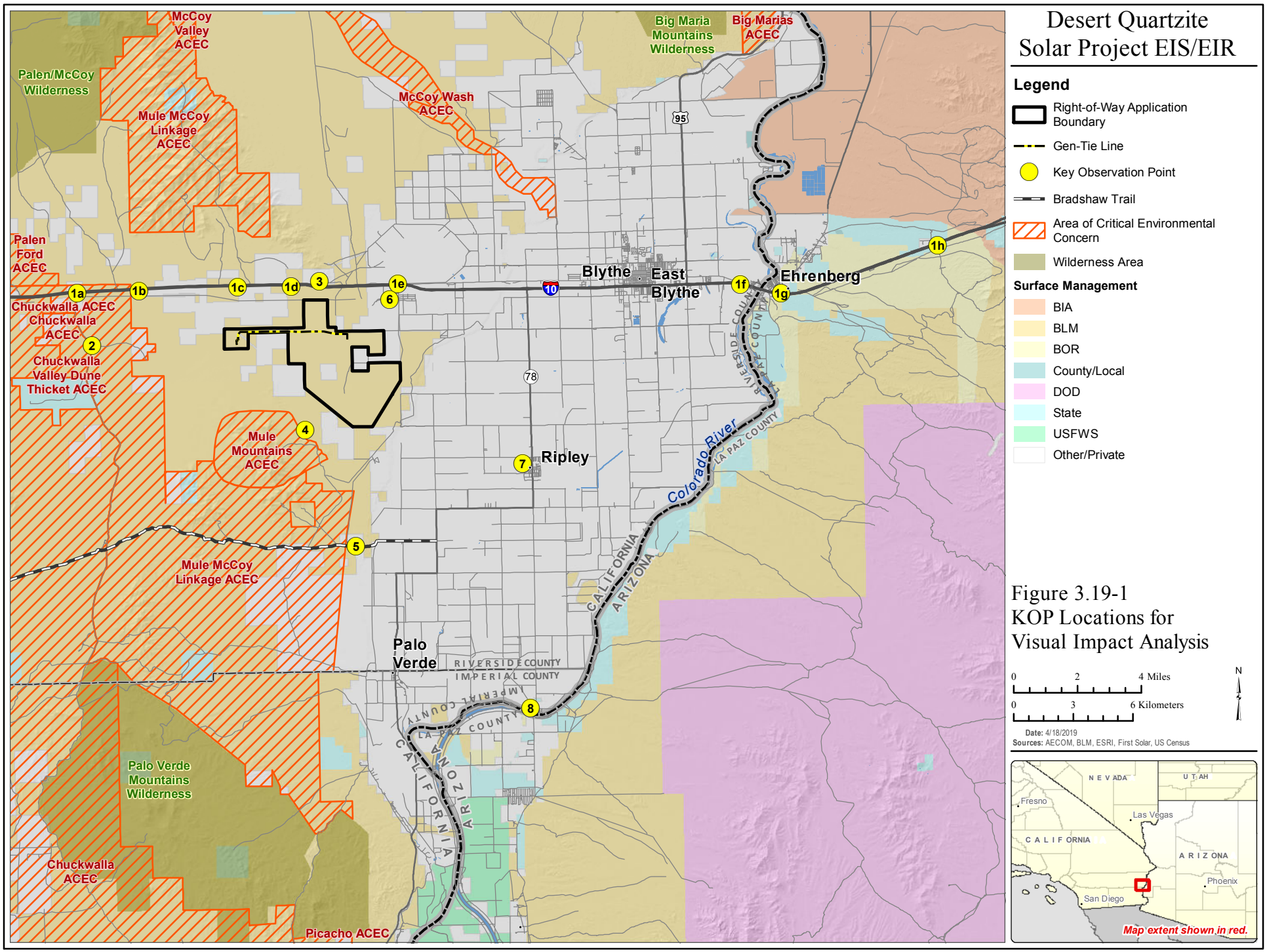
Figure 3.17-1
Locations of Intersections Analyzed for Traffic Impacts

0 0.5 1 Miles
0 1 2 Kilometers
N

Date: 4/12/2016
Sources: AECOM, First Solar, USGS

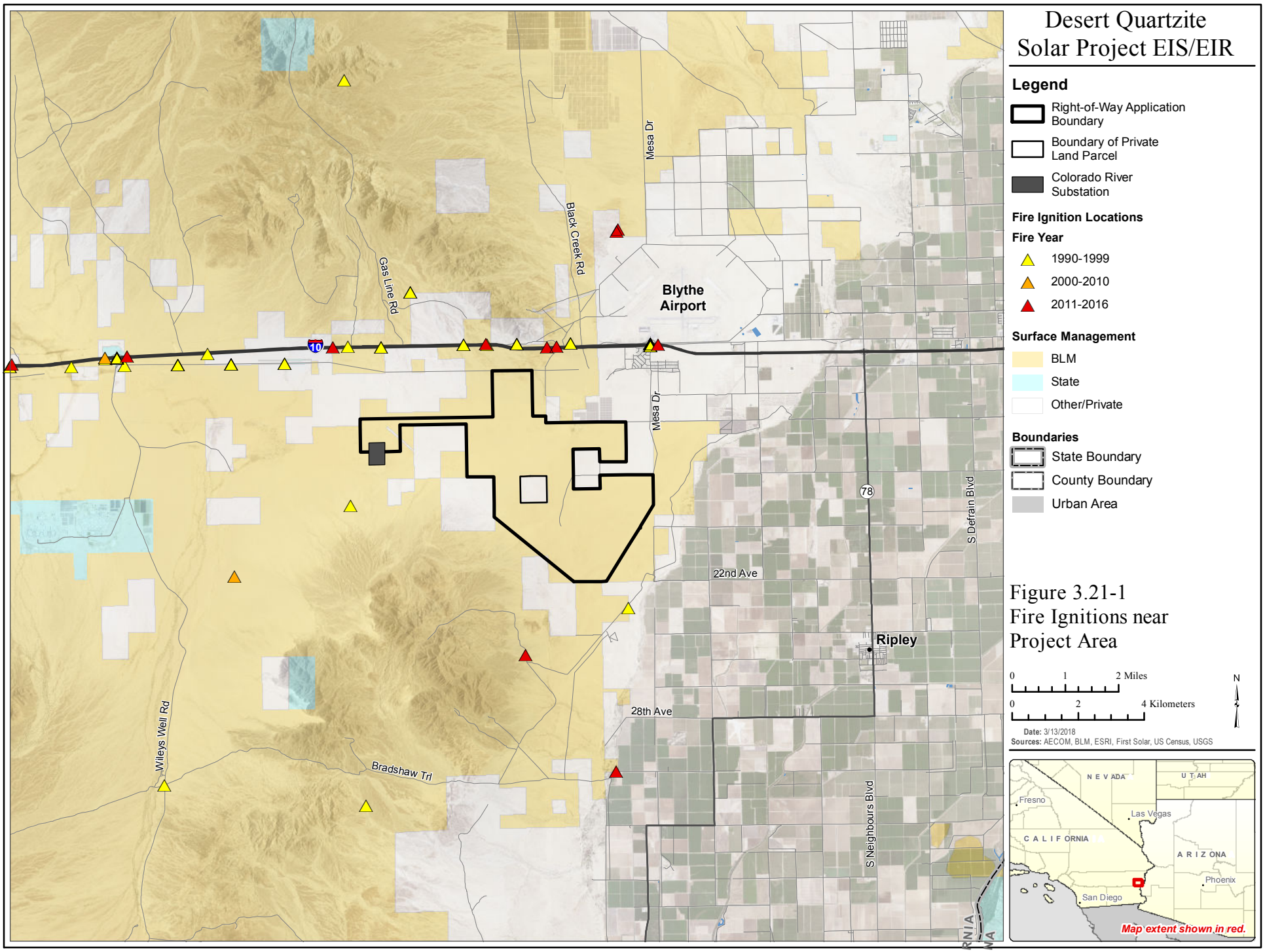
E:\GIS\Projects\DesertQuartzite\Figures\FIG_03_17_01_Intersections.mxd

4/12/2016



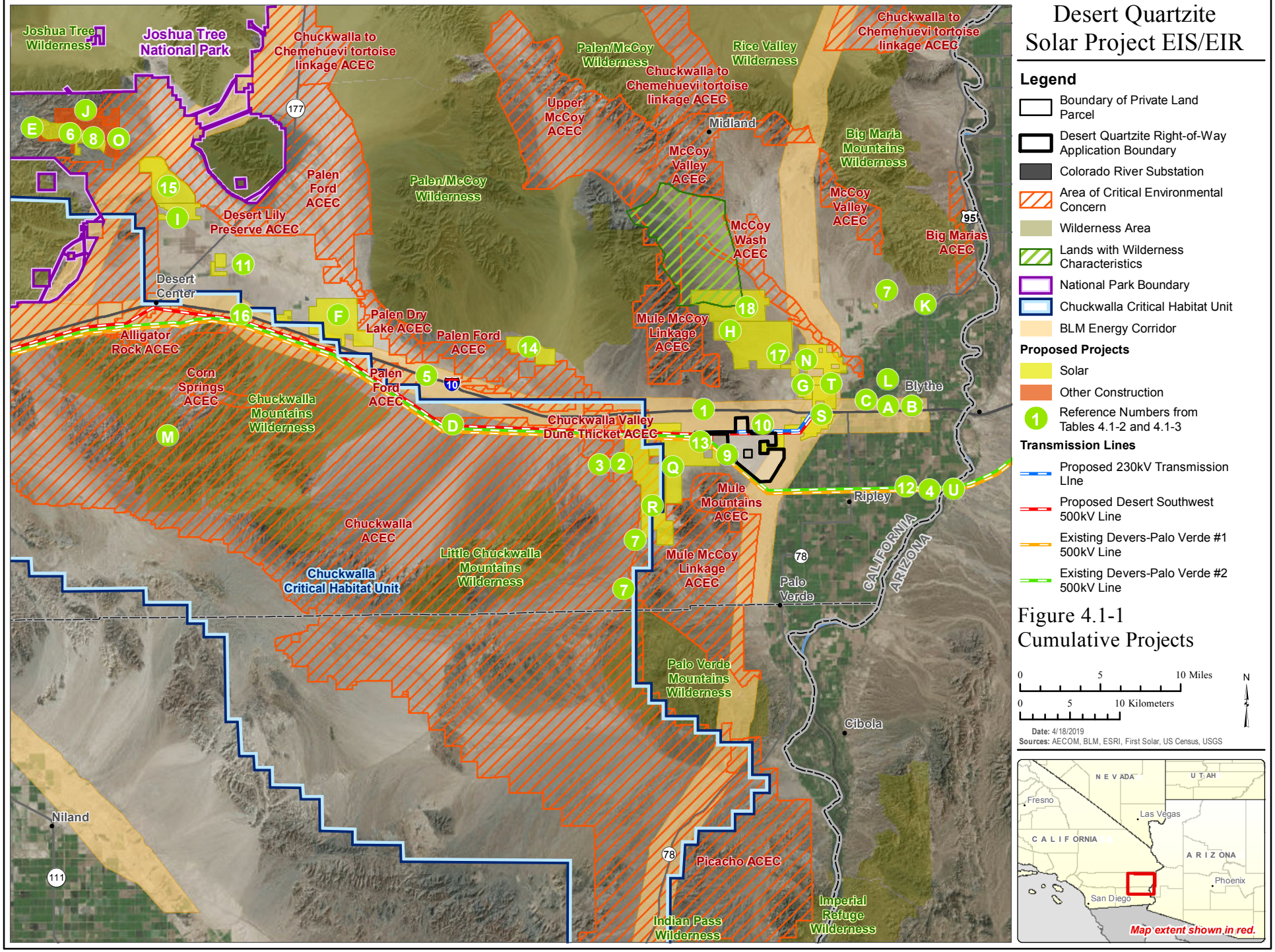
M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_19_01_KOPs.mxd

4/18/2019



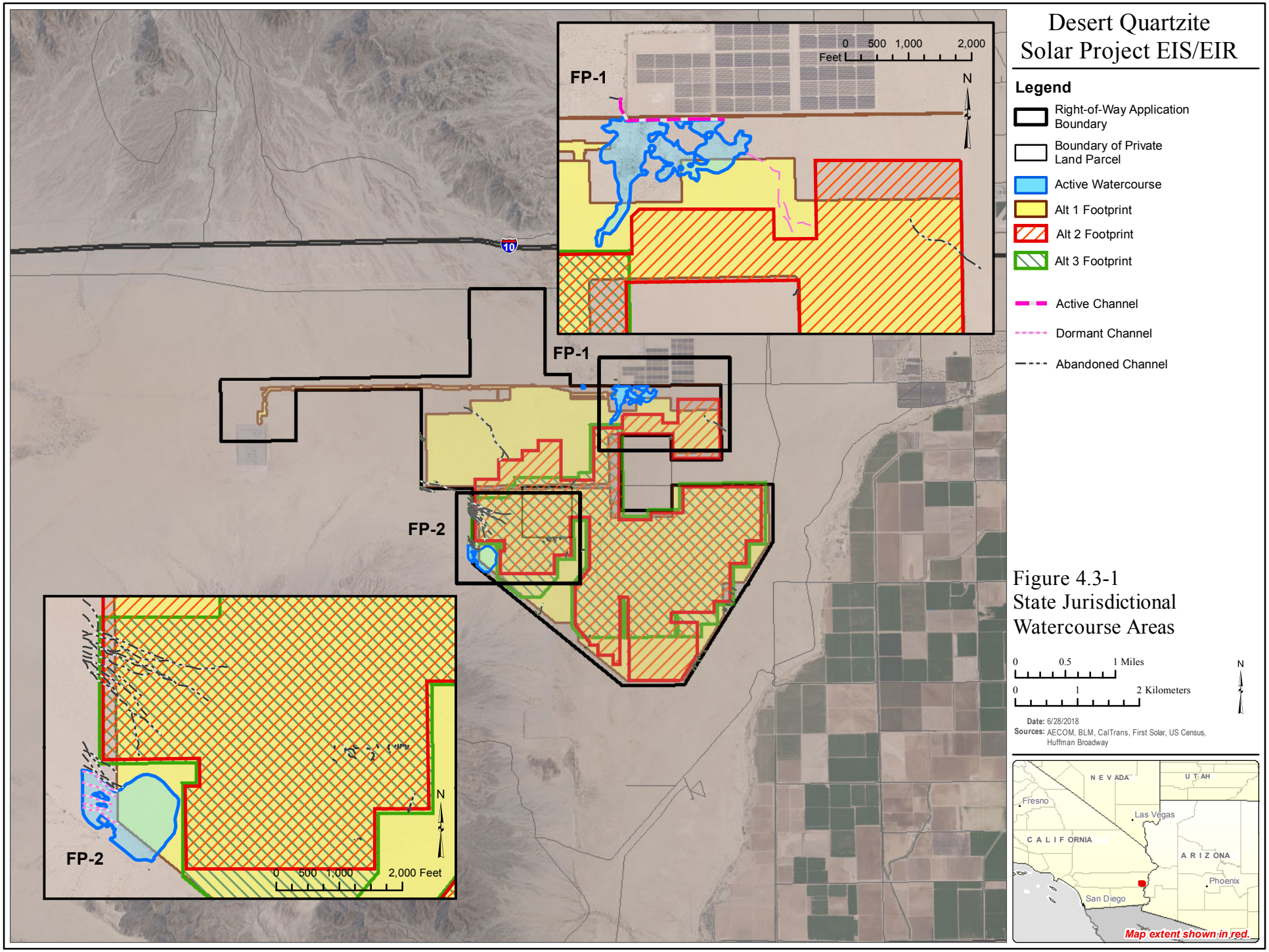
M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_03_21_01_FireIgnitions.mxd

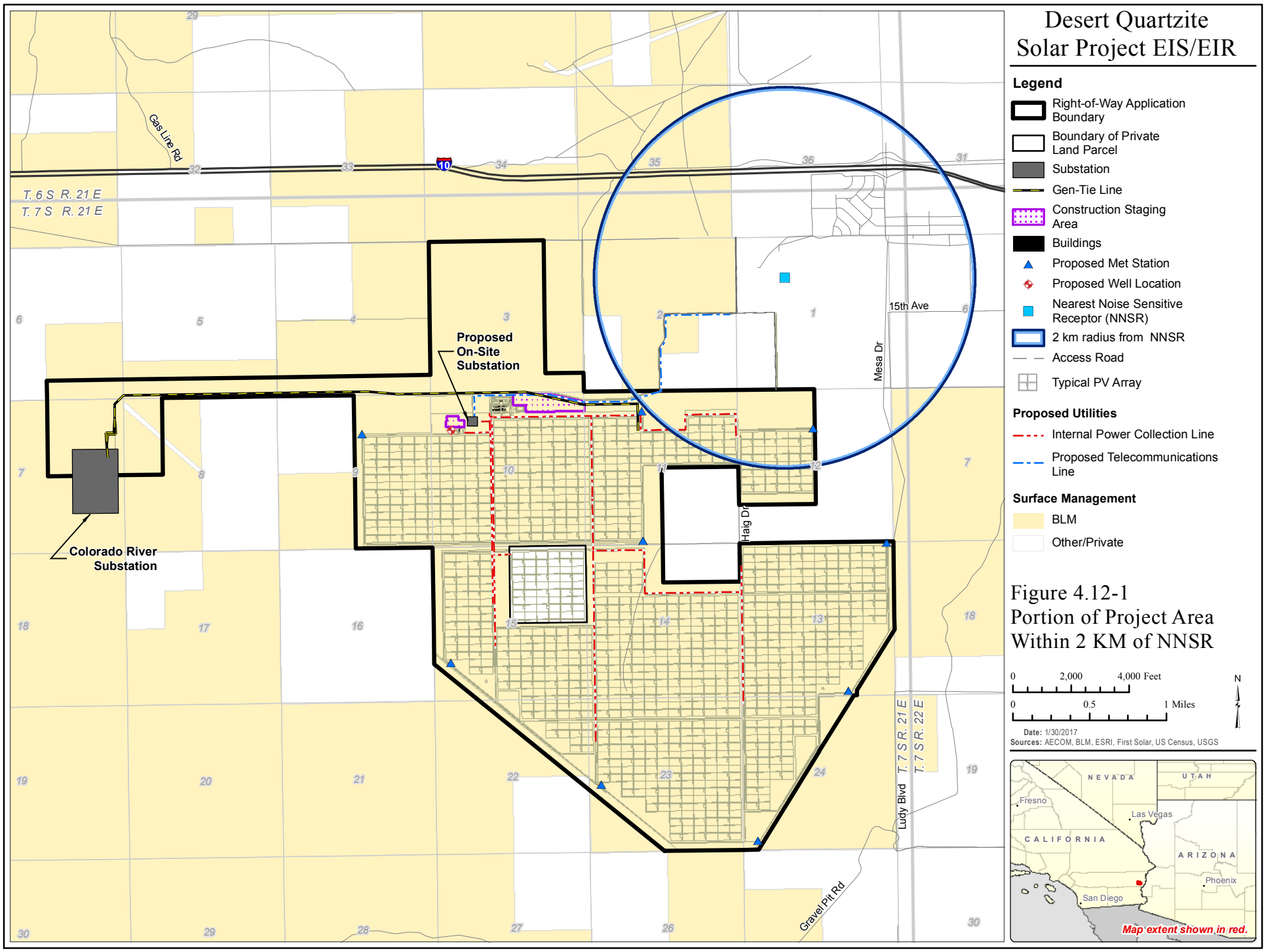
3/13/2018



M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_04_01_01_CumulativeProjects.mxd

4/18/2019


Desert Quartzite
Solar Project EIS/EIR
Legend
Right-of-Way Application Boundary
Boundary of Private Land Parcel
Active Watercourse
Alt 1 Footprint
Alt 2 Footprint
Alt 3 Footprint
Active Channel
Dormant Channel
Abandoned Channel
FP-1
FP-2
0 500 1,000 2,000 Feet
N
10
Figure 4.3-1
State Jurisdictional
Watercourse Areas
0 0.5 1 Miles
0 1 2 Kilometers
Date: 6/28/2018
Sources: AECOM, BLM, CalTrans, First Solar, US Census, Huffman Broadway
NEVADA
UTAH
CALIFORNIA
ARIZONA
Fresno
Las Vegas
Phoenix
San Diego
Map extent shown in red.
M:\Denver_GIS\Projects\DesertQuartzite\Figures\FIG_04_03_01_WatercoursesAbandonedChannels.mxd
6/28/2018



E:\GIS\Projects\DesertQuartzite\Figures\FIG_04_12_01_NNSR_2km_Radius.mxd

1/30/2017

Figure 4.19-1

KOP2 - Chuckwalla DWMA, Looking East - *Existing View*

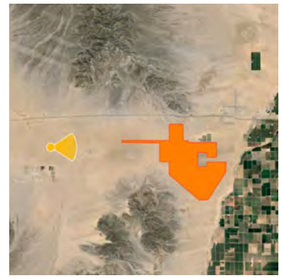
a. For on-screen display: scale bar to be 4 inches wide, viewing distance is 11.2 inches.
b. When printed on 11x17 paper, viewing distance is 11.2 inches.

Desert Quartzite Solar Project

KOP2

Chuckwalla DWMA

Viewpoint Location Project Area



Easting Position (UTM Zone 11):	**695432.7**
Northing Position (UTM Zone 11):	**3718027.8**
Elevation of Photopoint Position (NAD83):	**424.5**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**26 February 2015 at 01:40 PM**
Orientation of View:	**E**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

NOTES:

Viewpoint locations have been precision surveyed by:

The Holt Group, Inc.
Blythe, California 92225

No part of this photo simulation shall be altered in any way.

Visual assessments should be made from the full size TrueView™ only.

Photo Simulation Created Using
TrueView™ Technology
(Patent No.: US 8,184,906 B2)

Provided by

Truescape®

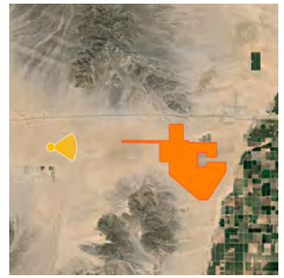
www.truescape.com

DATE

4 September 2015

KOP2

Chuckwalla DWMA



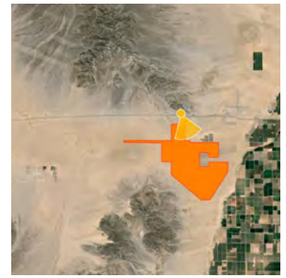
Easting Position (UTM Zone 11):	**695432.7**
Northing Position (UTM Zone 11):	**3718027.8**
Elevation of Photopoint Position (NAD83):	**424.5**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**26 February 2015 at 01:40 PM**
Orientation of View:	**E**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

Figure 4.19-2

KOP2 - Chuckwalla DWMA, Looking East - *Proposed View*

KOP3

McCoy Mountains



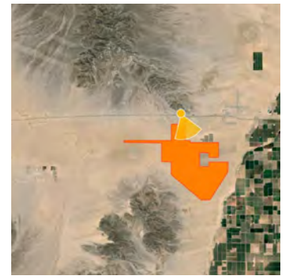
Easting Position (UTM Zone 11):	**706864.0**
Northing Position (UTM Zone 11):	**3721347.7**
Elevation of Photopoint Position (NAD83):	**544.6**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**26 February 2015 at 03:12 PM**
Orientation of View:	**S**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

Figure 4.19-3

KOP3 - McCoy Mountains, Looking South - *Existing View*

KOP3

McCoy Mountains



Easting Position (UTM Zone 11):	**706864.0**
Northing Position (UTM Zone 11):	**3721347.7**
Elevation of Photopoint Position (NAD83):	**544.6**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**26 February 2015 at 03:12 PM**
Orientation of View:	**S**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

Figure 4.19-4

KOP3 - McCoy Mountains, Looking South - *Proposed View*

KOP4

Mule Mountains

Easting Position (UTM Zone 11):	**706270.0**
Northing Position (UTM Zone 11):	**3713836.2**
Elevation of Photopoint Position (NAD83):	**435.9**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**26 February 2015 at 12:00 PM**
Orientation of View:	**NE**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

Figure 4.19-5

KOP4 - Mule Mountains, Looking Northeast - *Existing View*

KOP4

Mule Mountains

Easting Position (UTM Zone 11):	**706270.0**
Northing Position (UTM Zone 11):	**3713836.2**
Elevation of Photopoint Position (NAD83):	**435.9**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**26 February 2015 at 12:00 PM**
Orientation of View:	**NE**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

Figure 4.19-6

KOP4 - Mule Mountains, Looking Northeast - *Proposed View*

KOP1c

Interstate 10

Easting Position (UTM Zone 11):	**702753.8**
Northing Position (UTM Zone 11):	**3721002.0**
Elevation of Photopoint Position (NAD83):	**539.5**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**27 February 2015 at 01:12 PM**
Orientation of View:	**SE**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

Figure 4.19-7

KOP1c - Interstate 10, Looking Southeast - *Existing View*

KOP1c

Interstate 10

Easting Position (UTM Zone 11):	**702753.8**
Northing Position (UTM Zone 11):	**3721002.0**
Elevation of Photopoint Position (NAD83):	**539.5**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**27 February 2015 at 01:12 PM**
Orientation of View:	**SE**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

Figure 4.19-8

KOP1c - Interstate 10, Looking Southeast - *Proposed View*

KOP6

Nicholls Warm Springs

Easting Position (UTM Zone 11):	**710409.6**
Northing Position (UTM Zone 11):	**3720442.8**
Elevation of Photopoint Position (NAD83):	**397.2**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**27 February 2015 at 12:33 PM**
Orientation of View:	**SW**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

Figure 4.19-9

KOP6 - Nicholls Warm Springs, Looking Southwest - *Existing View*

Figure 4.19-10

KOP6 - Nicholls Warm Springs, Looking Southwest - *Proposed View*

a. For on-screen display: scale bar to be 4 inches wide, viewing distance is 11.2 inches.
b. When printed on 11x17 paper, viewing distance is 11.2 inches.

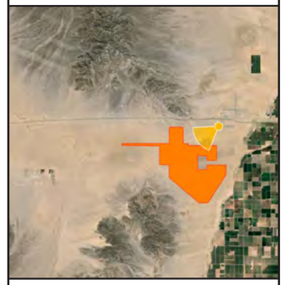
First Solar

Desert Quartzite Solar Project

KOP6

Nicholls Warm Springs

Viewpoint Location Project Area



Easting Position (UTM Zone 11):	**710409.6**
Northing Position (UTM Zone 11):	**3720442.8**
Elevation of Photopoint Position (NAD83):	**397.2**
Height of Camera Above Ground (ft):	**5.4**
Date of Photography:	**27 February 2015 at 12:33 PM**
Orientation of View:	**SW**
Horizontal Field of View:	**65°**
Vertical Field of View:	**46°**

NOTES:

Viewpoint locations have been precision surveyed by:

The Holt Group, Inc.
Blythe, California 92225

No part of this photo simulation shall be altered in any way.

Visual assessments should be made from the full size TrueView™ only.

Photo Simulation Created Using
TrueView™ Technology
(Patent No.: US 8,184,906 B2)

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DATE

4 September 2015