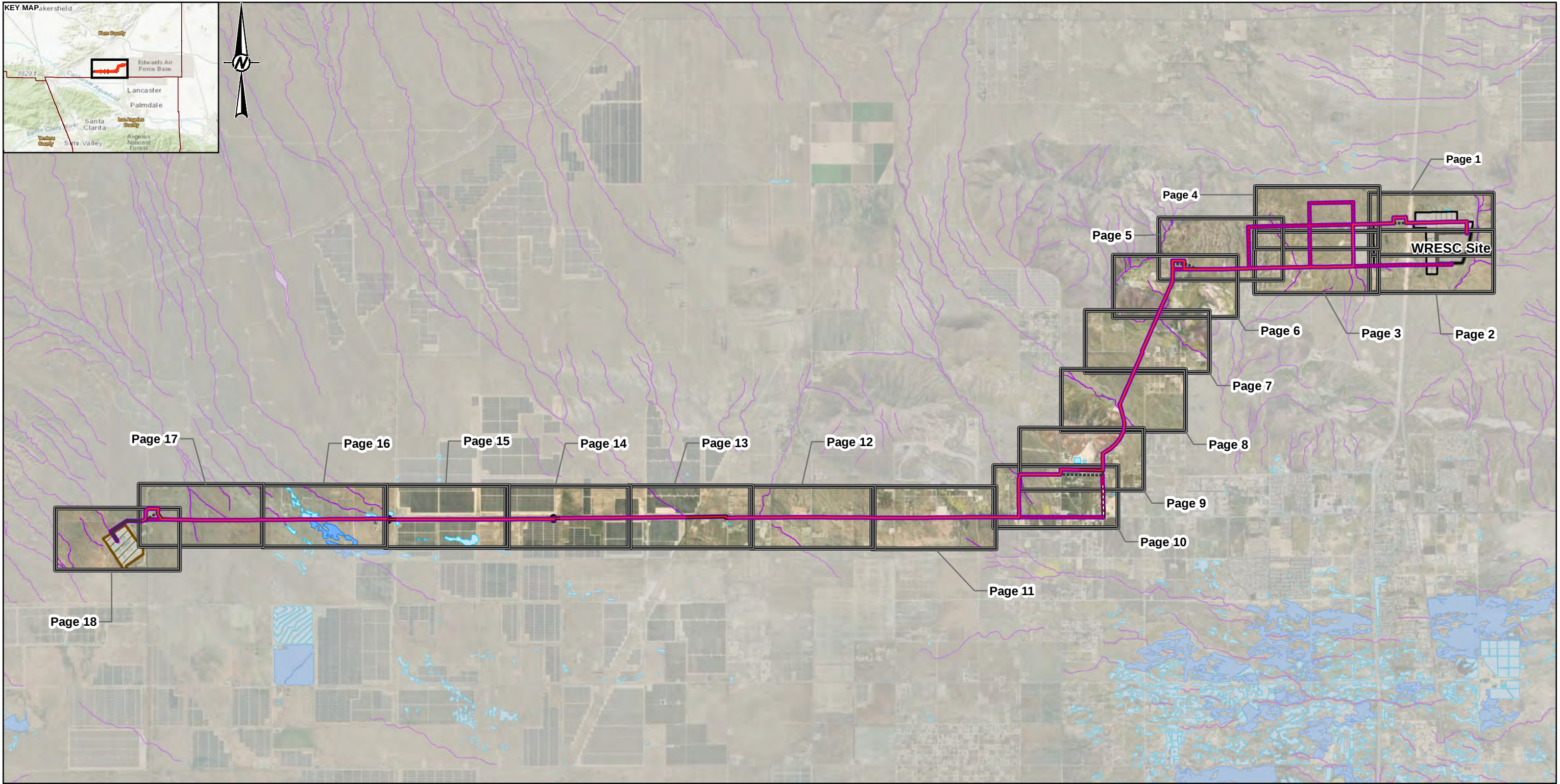
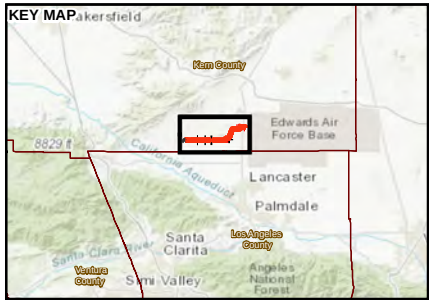


DOCKETED	
Docket Number:	21-AFC-02
Project Title:	Willow Rock Energy Storage Center
TN #:	261993
Document Title:	Willow Rock Jurisdictional Waters Delineation Report Appendix A Part 2
Description:	N/A
Filer:	Kathryn Stevens
Organization:	WSP USA Inc.
Submitter Role:	Applicant Consultant
Submission Date:	2/26/2025 3:29:30 PM
Docketed Date:	2/26/2025

Appendix A Jurisdictional Maps

PART 2

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LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route, Underground
- Preferred Route Option, Aboveground
- Preferred Route Option, Underground
- Superseeded Preferred Route, Aboveground
- SCE Whirlwind Substation Segment, Aboveground

Wetland Type

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine

Project Components

- WRESC Site
- Other Project Parcels

Project Boundary

- SCE Whirlwind Substation
- Project ROW



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GEM A-CAES LLC

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DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

- COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
 - MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
- SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

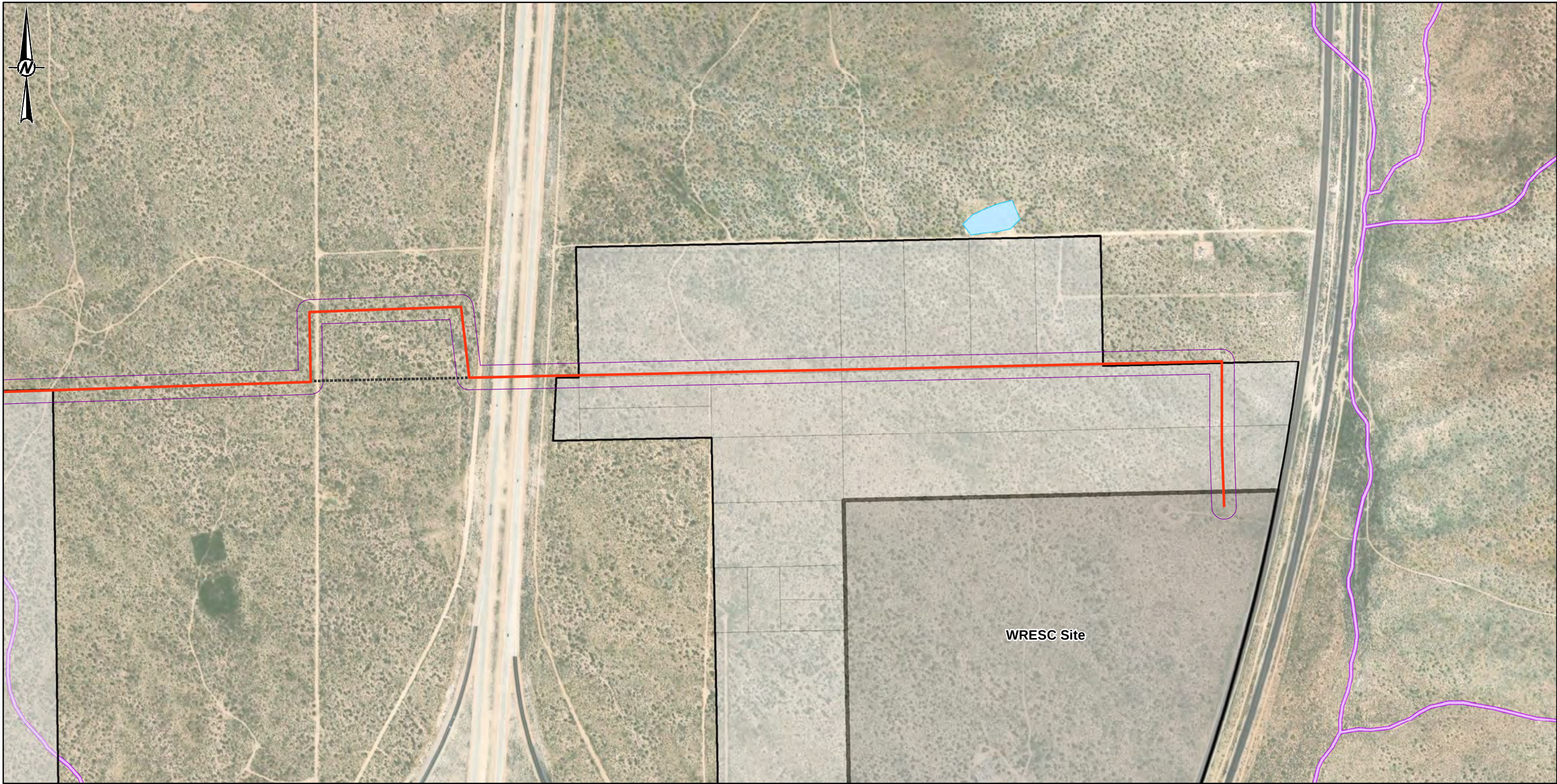
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
NATIONAL WETLANDS INVENTORY
MAP BOOK OVERVIEW

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	6

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LEGEND

Proposed Transmission Line

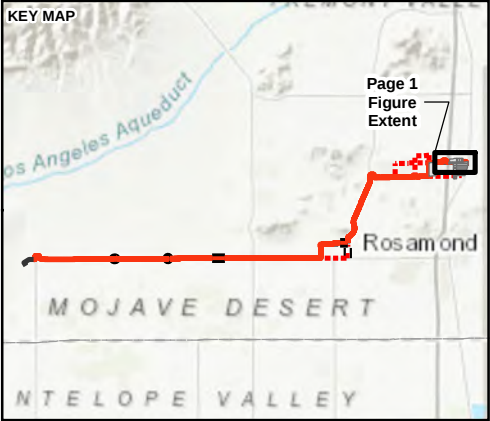
- Preferred Route, Aboveground
- Superseeded Preferred Route, Aboveground

Wetland Type

- Freshwater Pond
- Riverine

Project Components

- WRESC Site
- Other Project Parcels
- Project Boundary
- Project ROW



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PREPARED	KO, KS
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APPROVED	JP

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PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 1 OF 18

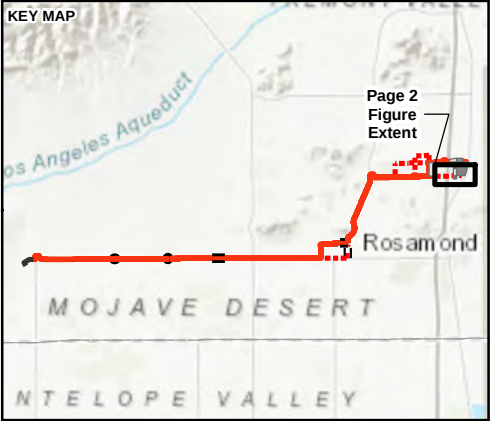
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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route Option, Aboveground
- Wetland Type**
- Riverine
- Project Components**
- WRESC Site
 - Other Project Parcels
 - Project Boundary
 - Project ROW



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PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

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PROJECT

WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

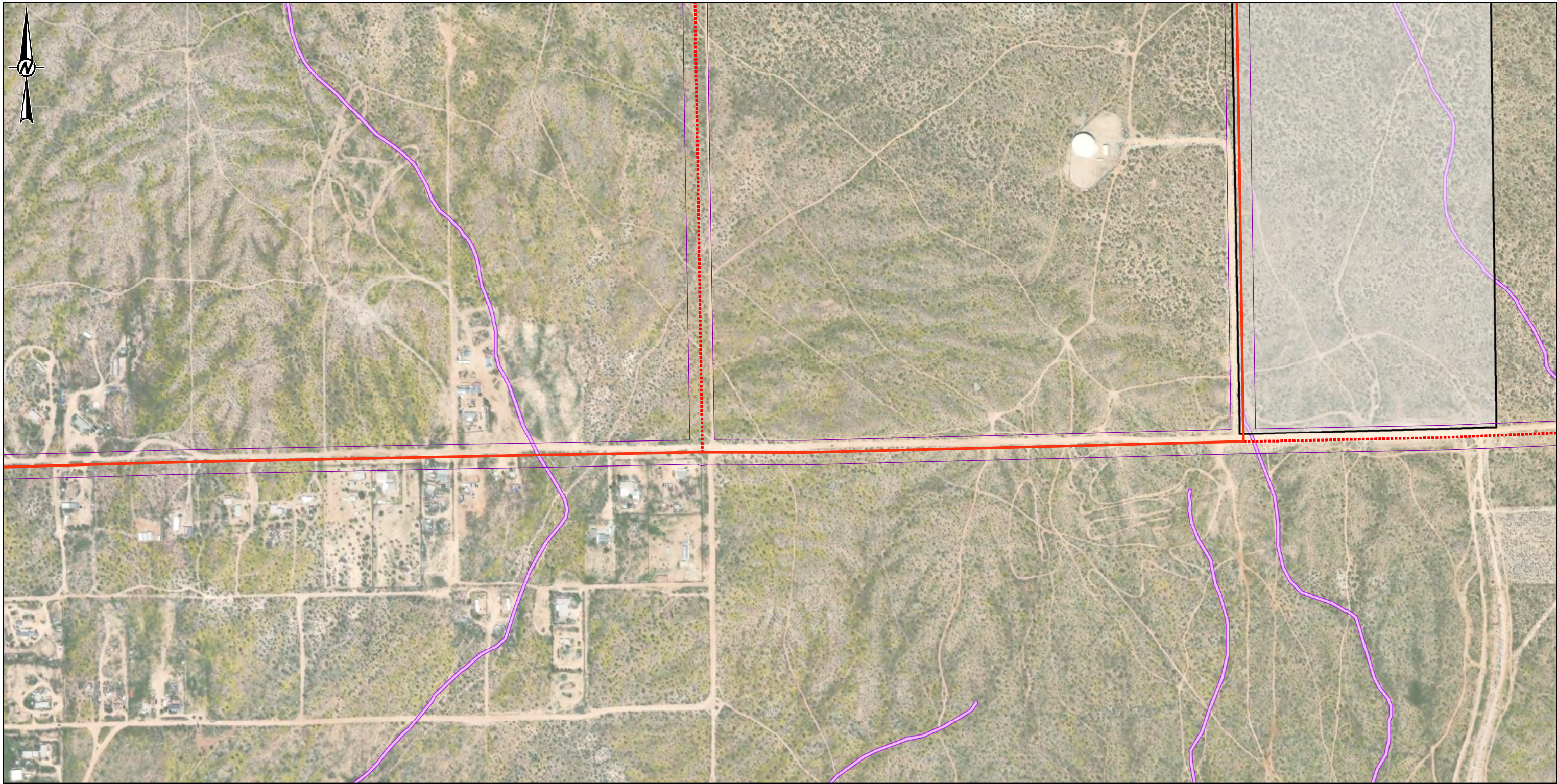
TITLE

NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 2 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
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LEGEND

Proposed Transmission Line

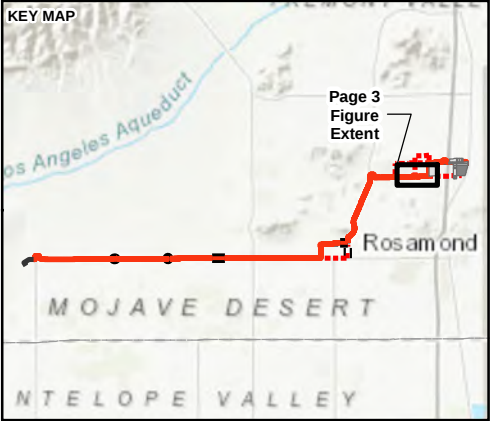
- Preferred Route, Aboveground
- Preferred Route Option, Aboveground

Wetland Type

- Riverine

Project Components

- Other Project Parcels
- Project Boundary
- Project ROW



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DESIGNED	MK
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REFERENCE(S)

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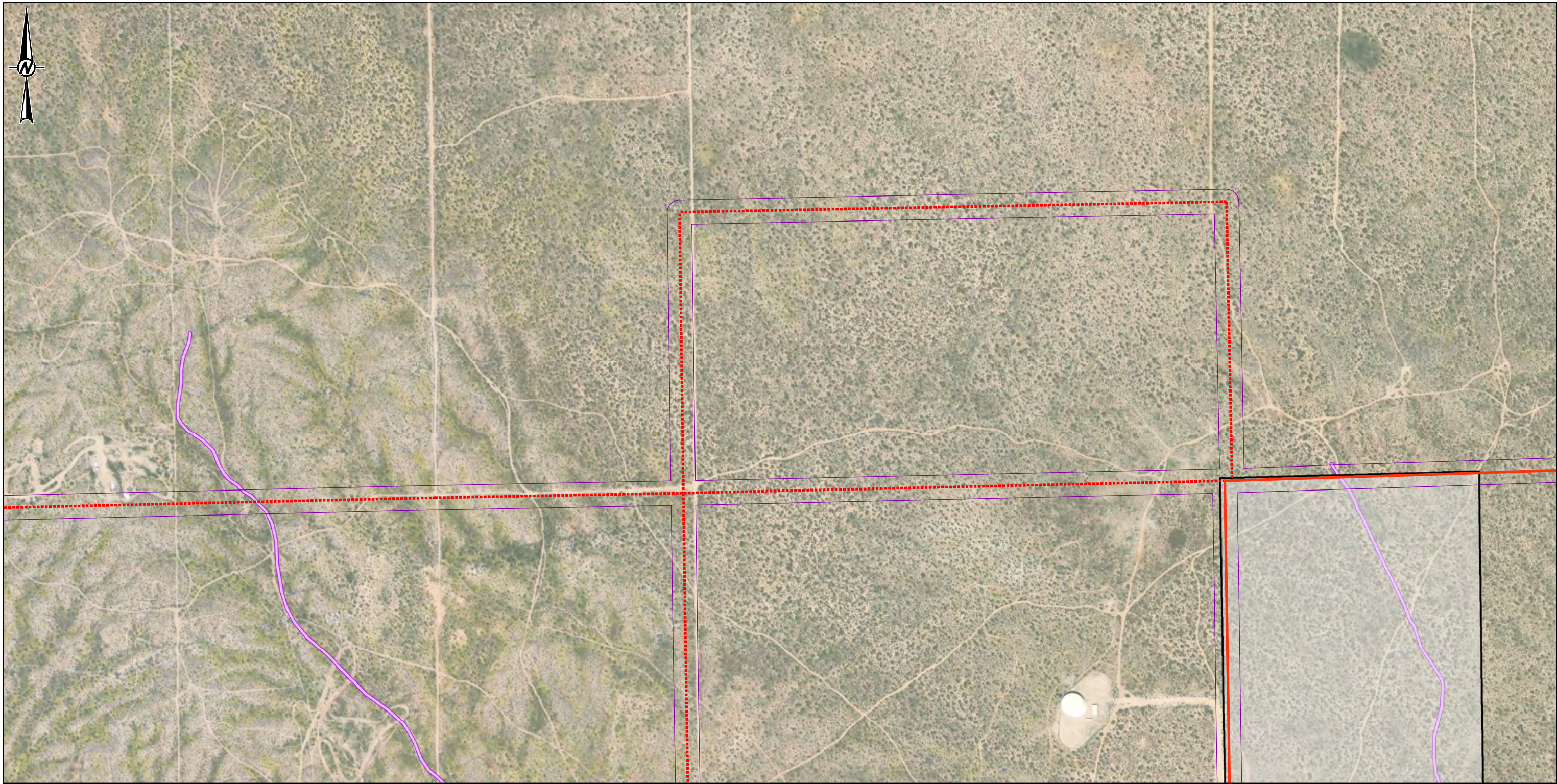
PROJECT
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JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 3 OF 18

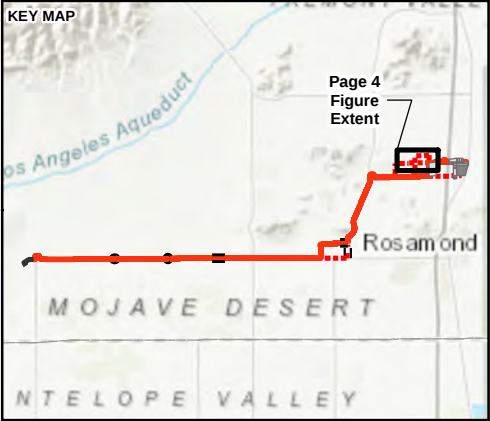
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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route Option, Aboveground
- Wetland Type**
- Riverine
- Project Components**
- Other Project Parcels
 - Project Boundary
 - Project ROW



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2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP, GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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TITLE
NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 4 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
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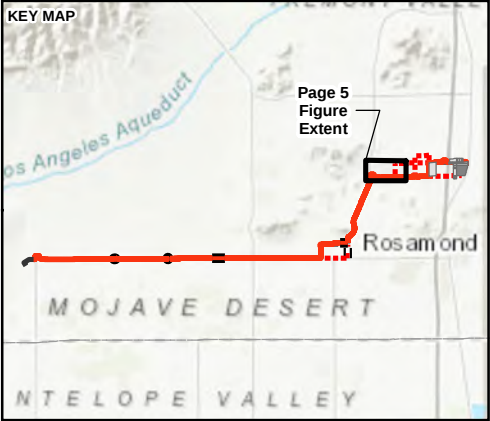
LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route Option, Aboveground
- Superseeded Preferred Route, Aboveground

Wetland Type

- Riverine
- Project ROW



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REFERENCE(S)
1. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP, GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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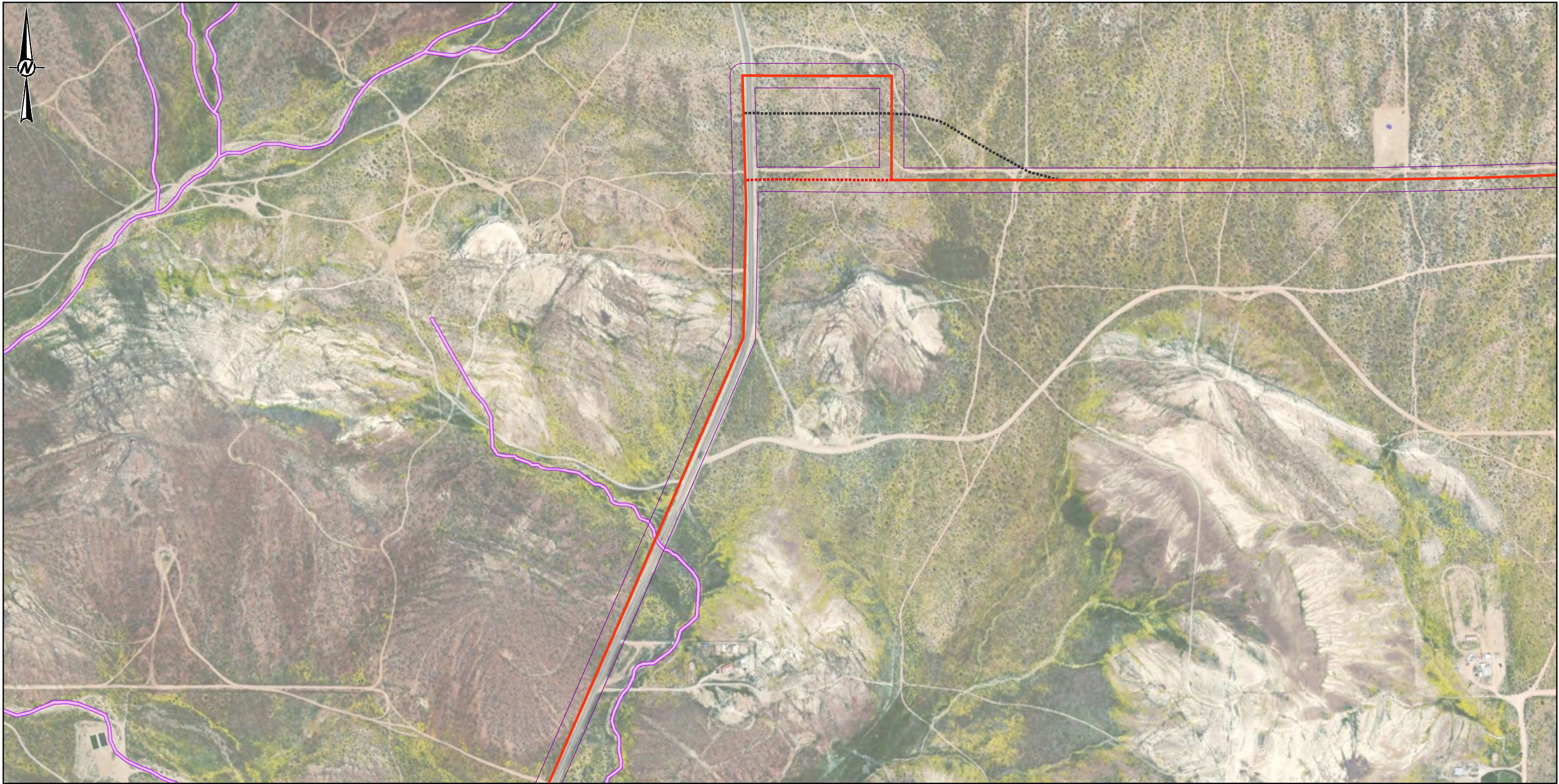
PROJECT
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JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 5 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
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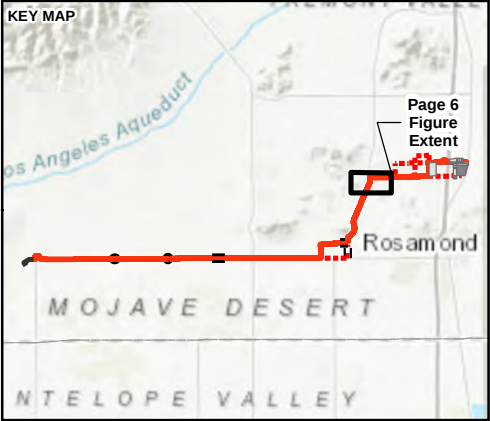
LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route Option, Aboveground
- Superseeded Preferred Route, Aboveground

Wetland Type

- Riverine
- Project ROW



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DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
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REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP, GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 6 OF 18

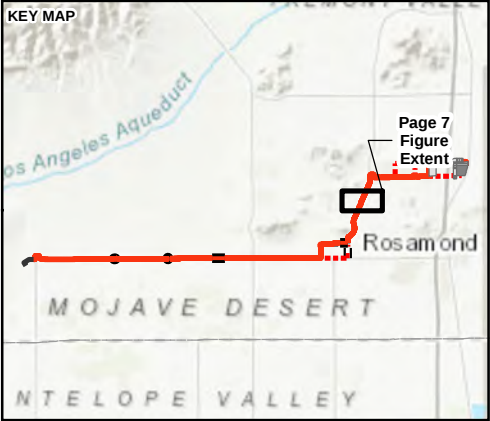
PROJECT NO.	PHASE	REV.	FIGURE
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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
- Wetland Type**
- Riverine
 - Project ROW



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REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
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SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

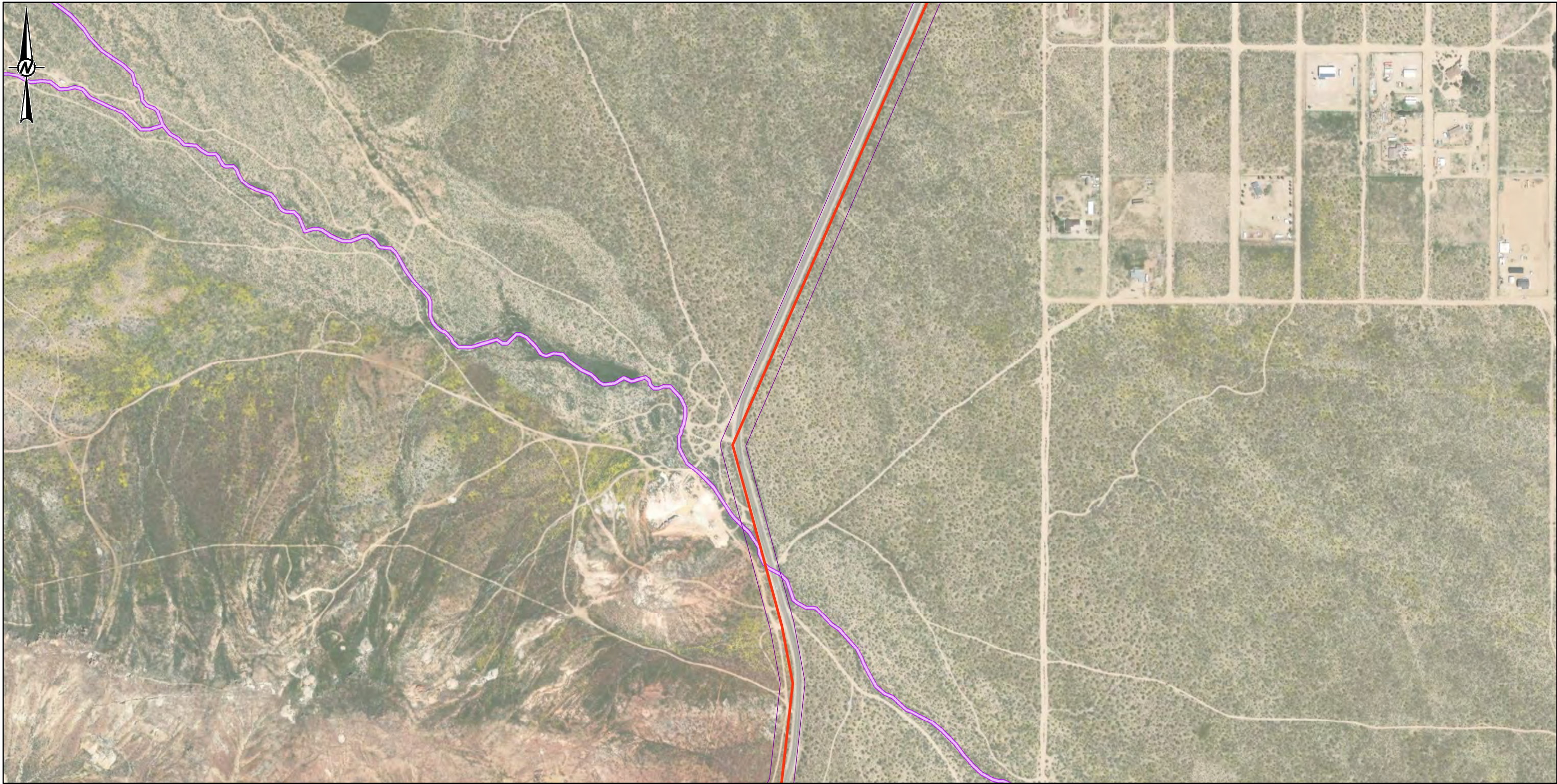
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
**NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 7 OF 18**

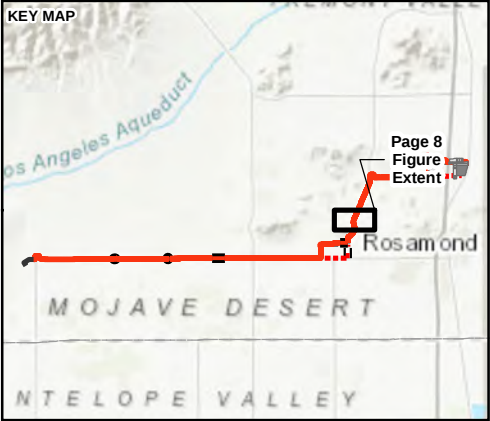
PROJECT NO.	PHASE	REV.	FIGURE
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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
- Wetland Type**
- Riverine
 - Project ROW



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PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

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JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
**NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 8 OF 18**

PROJECT NO.	PHASE	REV.	FIGURE
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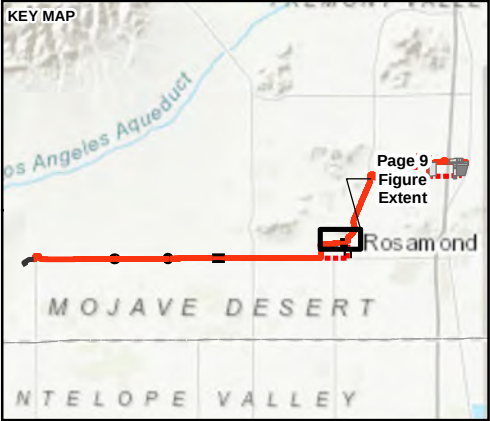
LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route, Underground
- Preferred Route Option, Aboveground
- Preferred Route Option, Underground
- Superseeded Preferred Route, Aboveground

Wetland Type

- Freshwater Pond
- Riverine
- Project ROW



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YYYY-MM-DD 2025-01-31
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PREPARED KO, KS
REVIEWED NN
APPROVED JP

REFERENCE(S)

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PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 9 OF 18

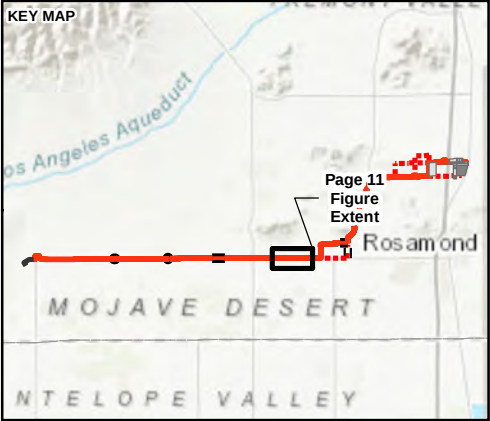
PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	6-9

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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
- Wetland Type**
- Riverine
 - Project ROW



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GEM A-CAES LLC



CONSULTANT	YYYY-MM-DD	2025-01-31
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	PREPARED	KO, KS
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	APPROVED	JP

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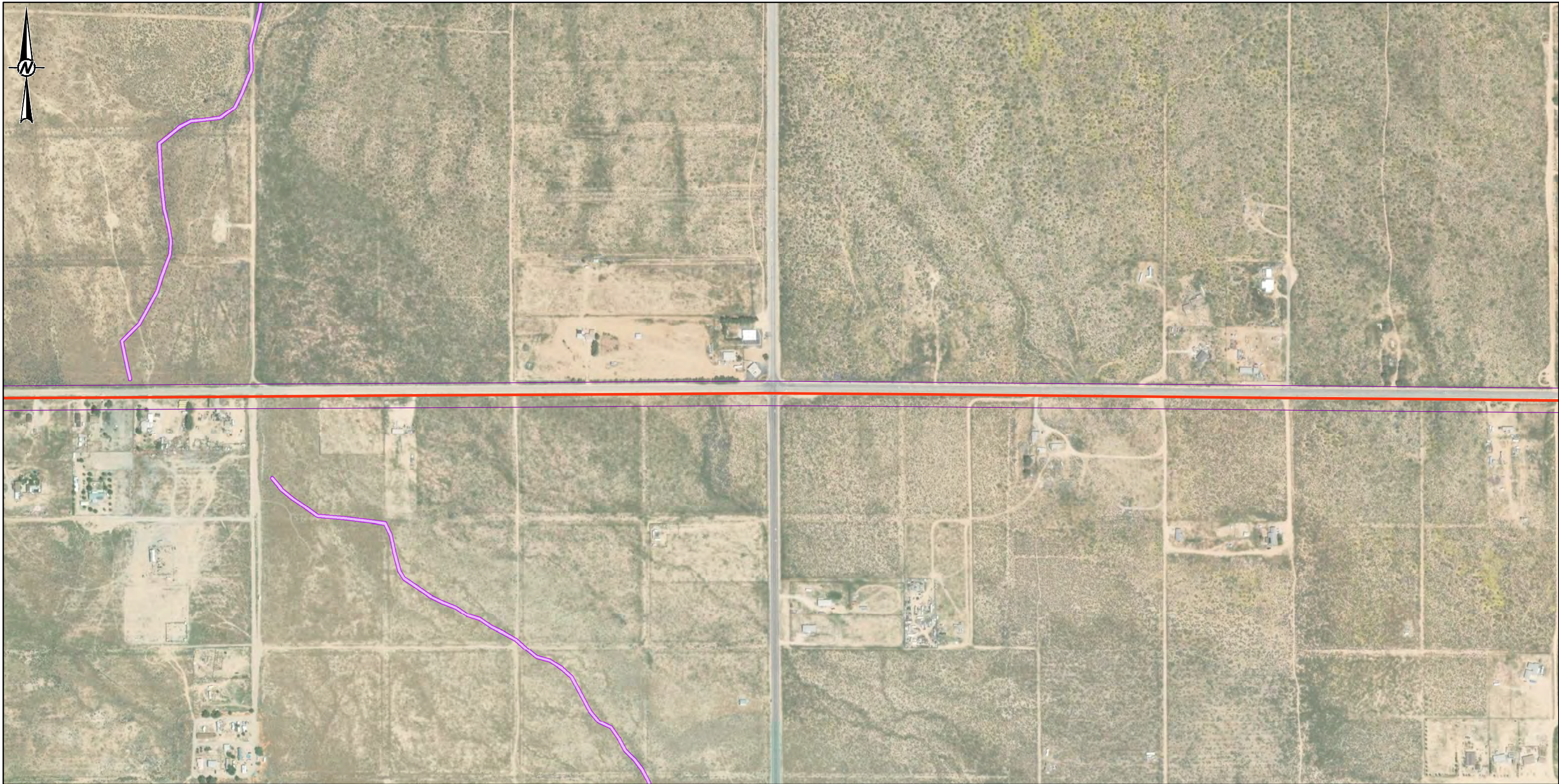
PROJECT
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JURISDICTIONAL DELINEATION FOCUSED SURVEY

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NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 11 OF 18

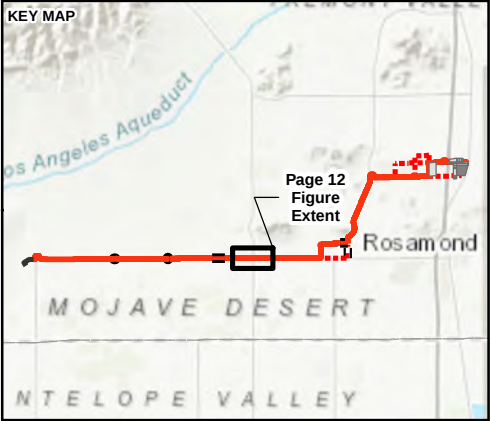
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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
- Wetland Type**
- Riverine
 - Project ROW



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CONSULTANT



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REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP, GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

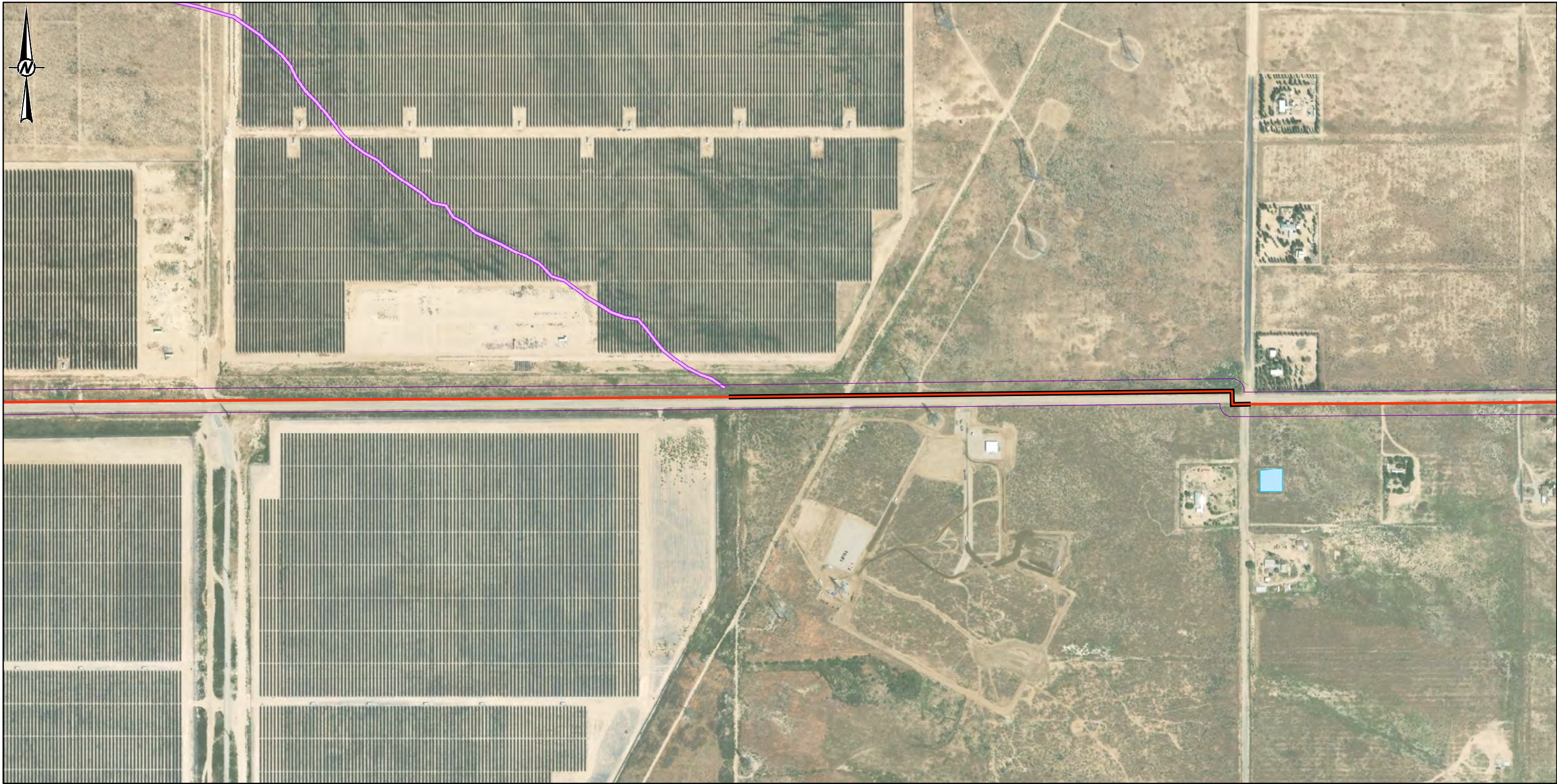
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
**NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 12 OF 18**

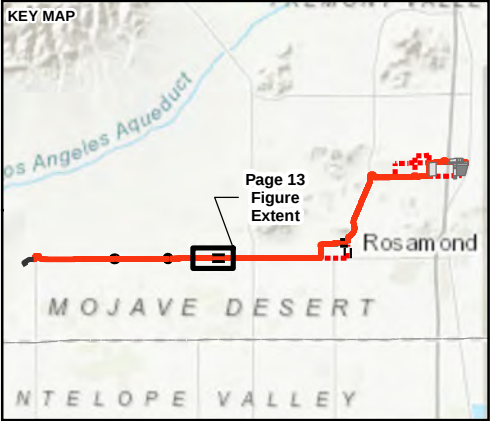
PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	6-12

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route, Underground
- Wetland Type**
- Freshwater Pond
 - Riverine
 - Project ROW



CLIENT
GEM A-CAES LLC

CONSULTANT



YYYY-MM-DD	2025-01-31
DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP, GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
**NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 13 OF 18**

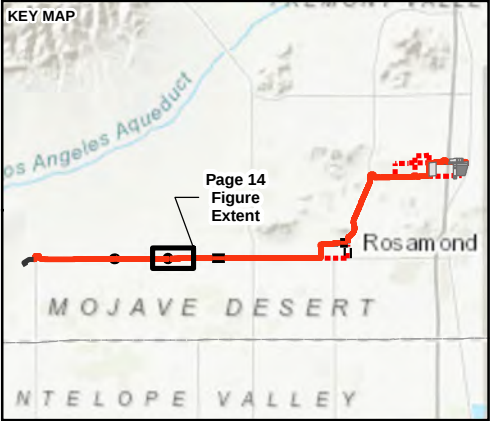
PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	6-13

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- LEGEND**
- Proposed Transmission Line
- Preferred Route, Aboveground
 - Preferred Route, Underground
 - Project ROW



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CONSULTANT	YYYY-MM-DD	2025-01-31
	DESIGNED	MK
	PREPARED	KO, KS
	REVIEWED	NN
	APPROVED	JP

REFERENCE(S)
1. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP, GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
**NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 14 OF 18**

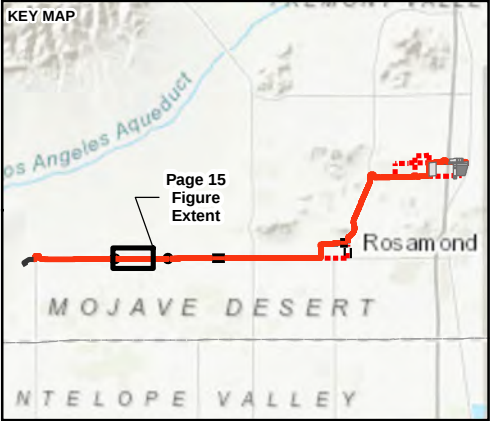
PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	6-14

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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route, Underground
- Wetland Type**
- Freshwater Pond
 - Riverine
 - Project ROW



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DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

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SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

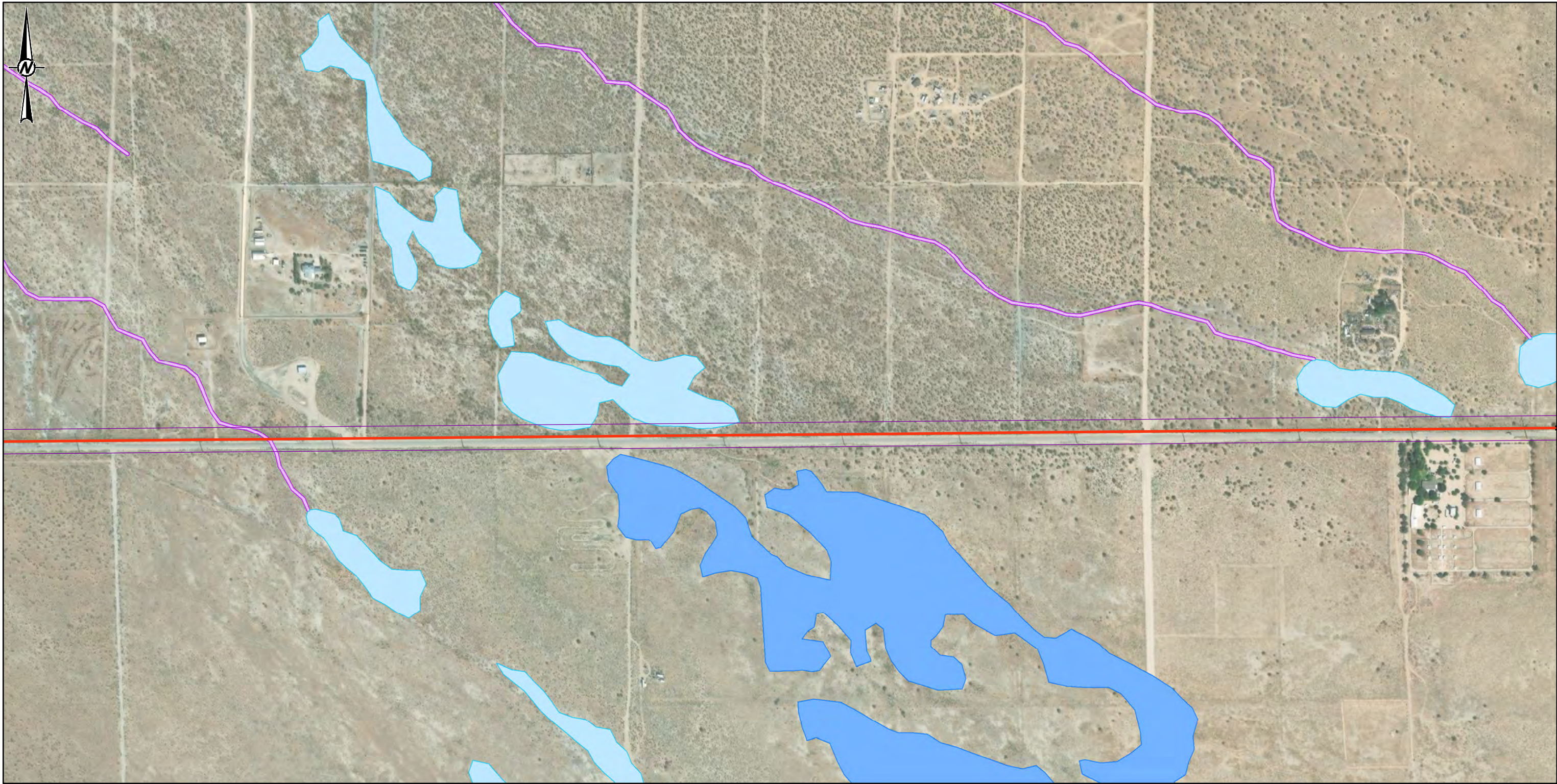
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 15 OF 18

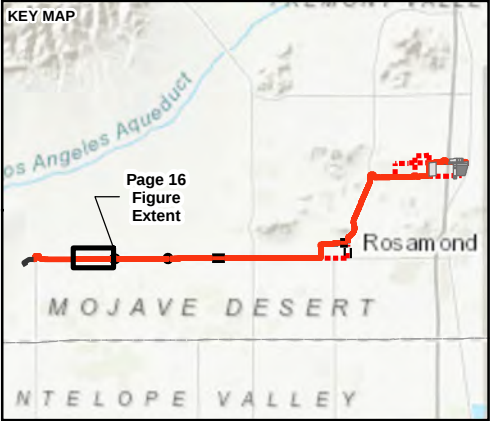
PROJECT NO.	PHASE	REV.	FIGURE
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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route, Underground
- Wetland Type**
- Freshwater Pond
 - Lake
 - Riverine
 - Project ROW



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DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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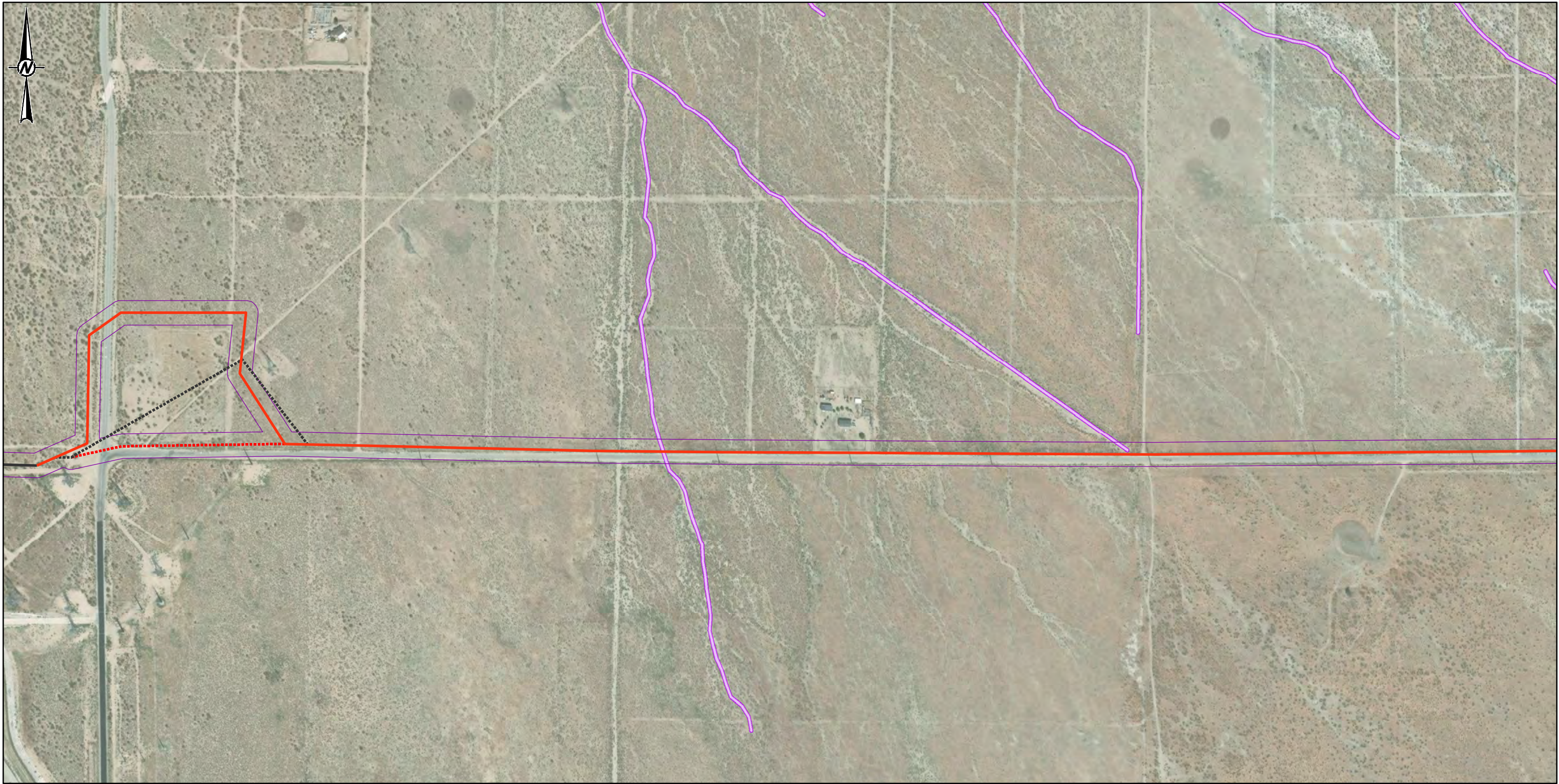
PROJECT
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JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
**NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 16 OF 18**

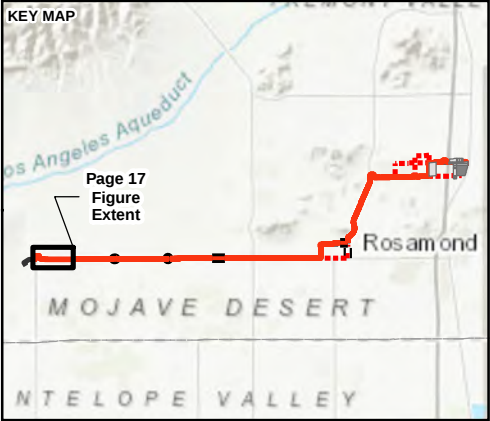
PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	6-16

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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route Option, Aboveground
 - Superseeded Preferred Route, Aboveground
 - SCE Whirlwind Substation Segment, Aboveground
- Wetland Type**
- Riverine
 - Project ROW



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CONSULTANT



YYYY-MM-DD	2025-01-31
DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

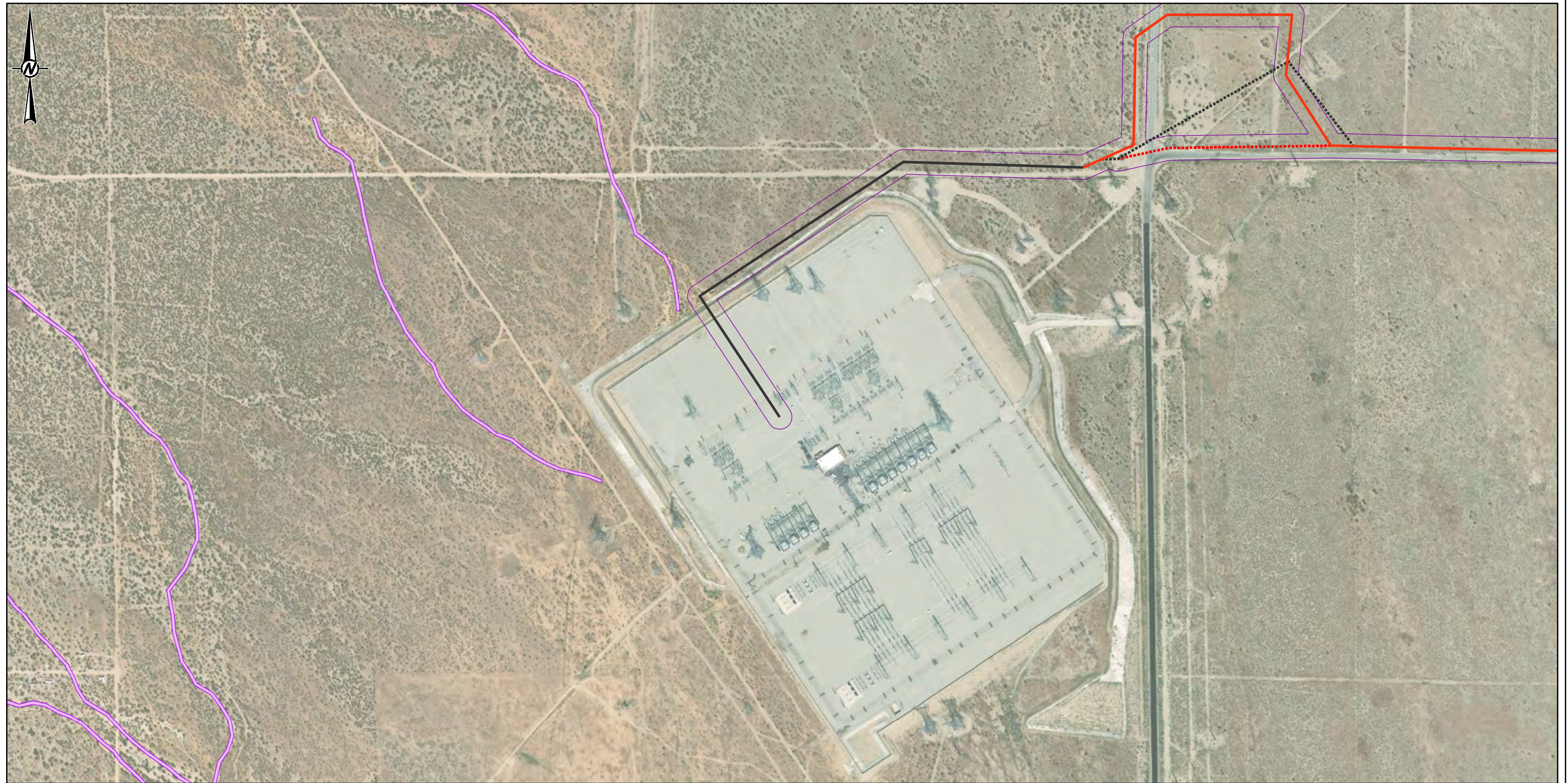
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SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
**NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 17 OF 18**

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	6-17

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



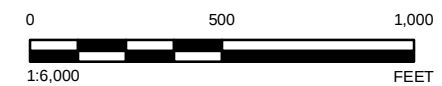
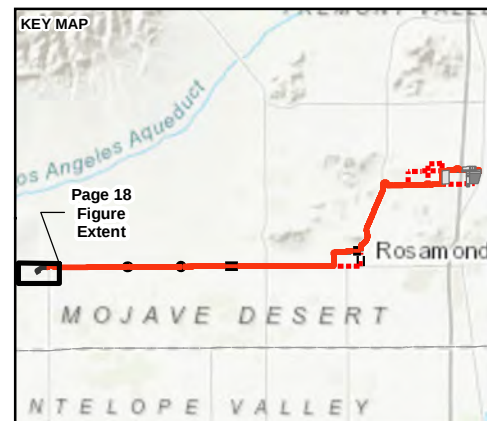
LEGEND

Proposed Transmission Line

-  Preferred Route, Aboveground
 Preferred Route Option, Aboveground
 Superseeded Preferred Route, Aboveground
 SCE Whirlwind Substation Segment, Aboveground

Wetland Type

-  Riverine
 Project ROW



CLIENT

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CONSULTANT



YYYY-MM-DD

2025-01-31

DESIGNED

MK

PREPARED

KO, KS

REVIEWED

NN

APPROVED

JP

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP.,
GEOBC, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI,
ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

PROJECT

WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

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NATIONAL WETLANDS INVENTORY
MAP BOOK PAGE 18 OF 18

PROJECT NO. _____

PROJECT NO.
31406639.000

PHASE

01.LBR

REV

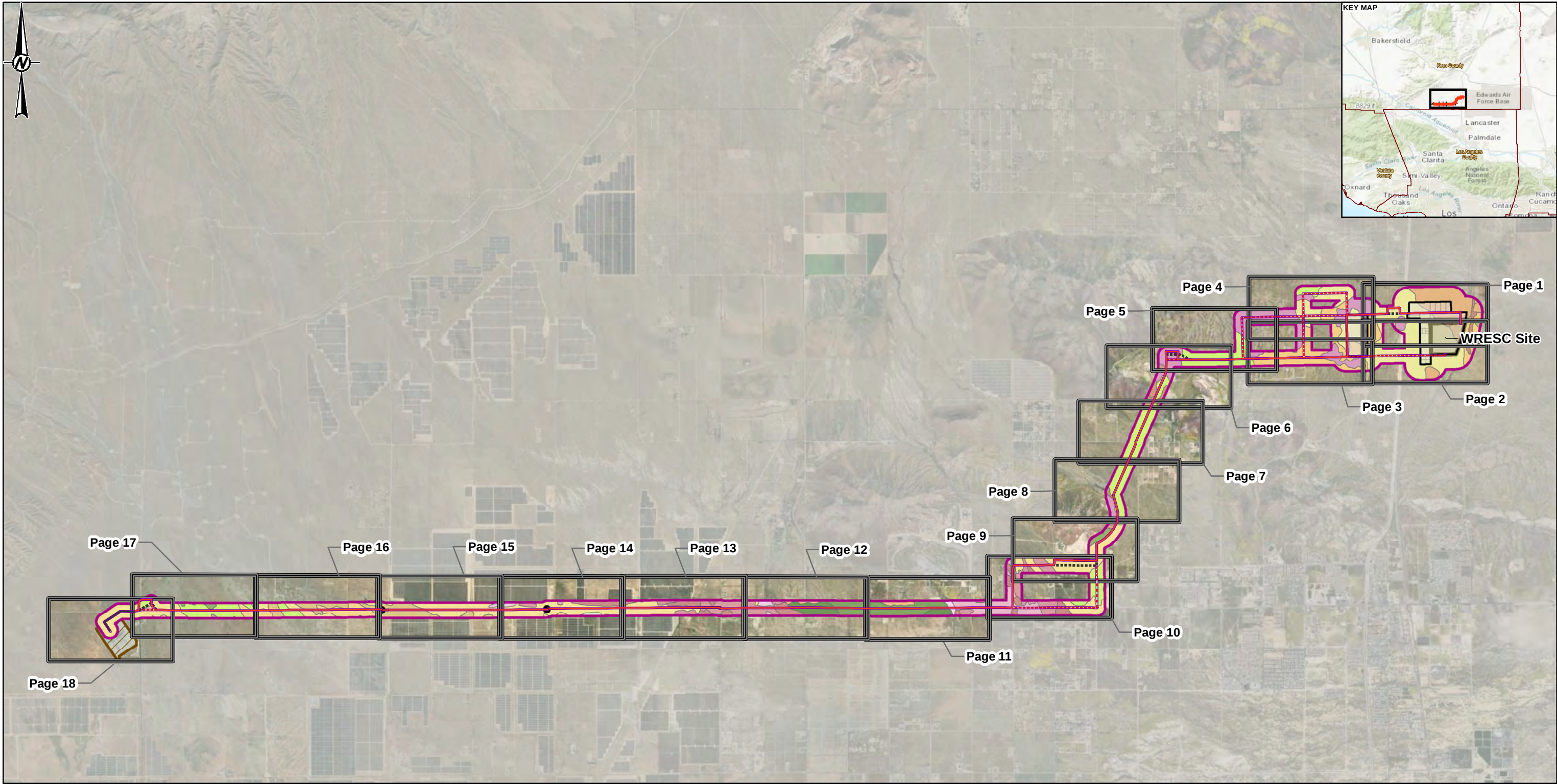
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FIGURE 1

-18

1 in
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSIB

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LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route, Underground
- Preferred Route Option, Aboveground
- Preferred Route Option, Underground
- Superseeded Preferred Route, Aboveground
- SCE Whirlwind Substation Segment, Aboveground

Soils Map Unit

- Adelanto coarse sandy loam (ACA)
- Adelanto loamy sand (AaB)
- Arizo gravelly loamy sand (AsB)
- Arujo sandy loam (105)

- Cajon loamy sand (114, CaA, CaC)
- Cajon loamy sand, loamy substratum (CbA)
- Cajon sand (113)
- DeStazo sandy loam (125)
- Hesperia fine sandy loam (HkA, HkB)
- Hesperia loam (HnA)
- Hesperia loamy fine sand (HgA)
- Hesperia loamy fine sand, hummocky (HgA2)
- Hi Vista sandy loam (147)
- Mohave coarse sandy loam (MzB)
- Muroc sandy loam (150)
- Porterville cobbly clay (164)

- Rock land (RhF)
- Rock outcrop (170)
- Rosamond clay loam (171)
- Rosamond fine sandy loam (Ro)
- Rosamond loam (Rp)
- Rosamond loamy fine sand, hummocky (Rm2)
- Rosamond loamy fine sand, slightly saline (Rr)
- Rosamond silty clay loam (Rt)
- Rosamond silty clay loam, saline-alkali (Ru)
- Torriorhents-Rock outcrop complex (185)
- Project Components
- WRESC Site

- Other Project Parcels
- Project Boundary
- SCE Whirlwind Substation
- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Map Book Page Extent
- Project ROW



CLIENT
GEM A-CAES LLC

CONSULTANT



YYYY-MM-DD	2025-01-31
DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

- SSURGO - SOILS DATA
- COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
- MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

PROJECT

WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

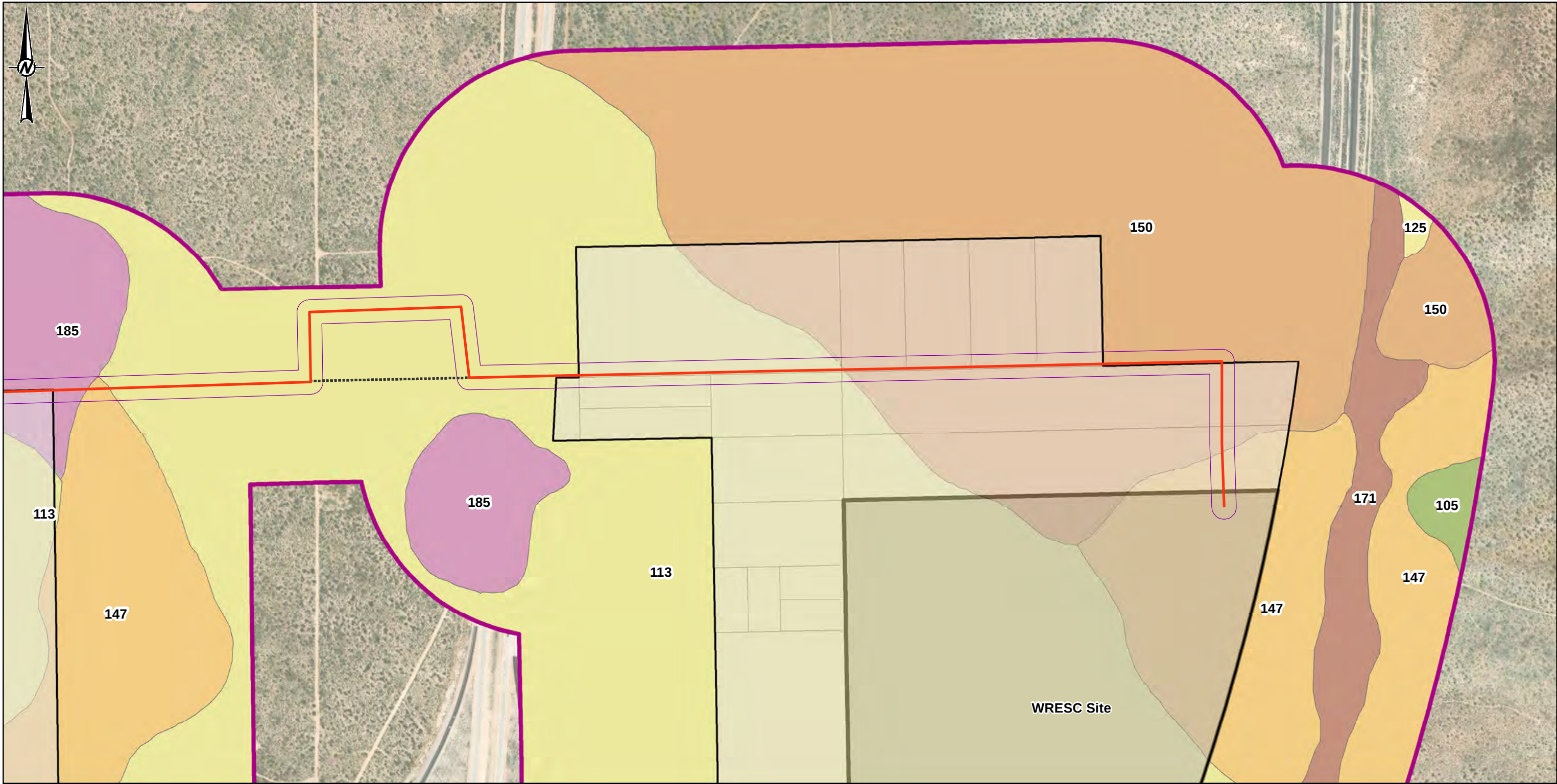
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SOILS MAP
MAP BOOK OVERVIEW

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7

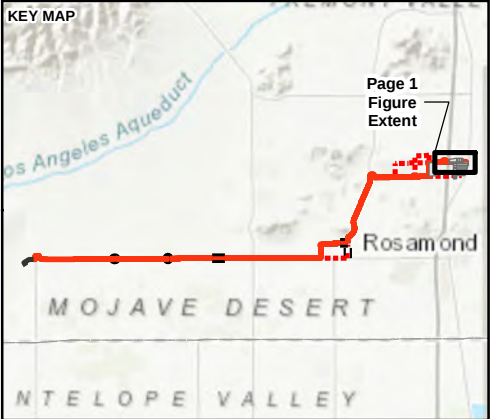
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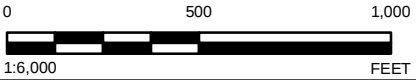
- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Superseeded Preferred Route, Aboveground
- Soils Map Unit**
- Arujo sandy loam (105)
 - Cajon sand (113)
 - DeStazo sandy loam (125)
 - Hi Vista sandy loam (147)
 - Muroc sandy loam (150)
 - Rosamond clay loam (171)
 - Torriorthents-Rock outcrop complex (185)

- Project Components**
- WRESC Site
 - Other Project Parcels
 - 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
 - Project Boundary
 - Project ROW



CLIENT
GEM A-CAES LLC

CONSULTANT



YYYY-MM-DD	2025-01-31
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PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

1. SSURGO - SOILS DATA
2. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
3. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

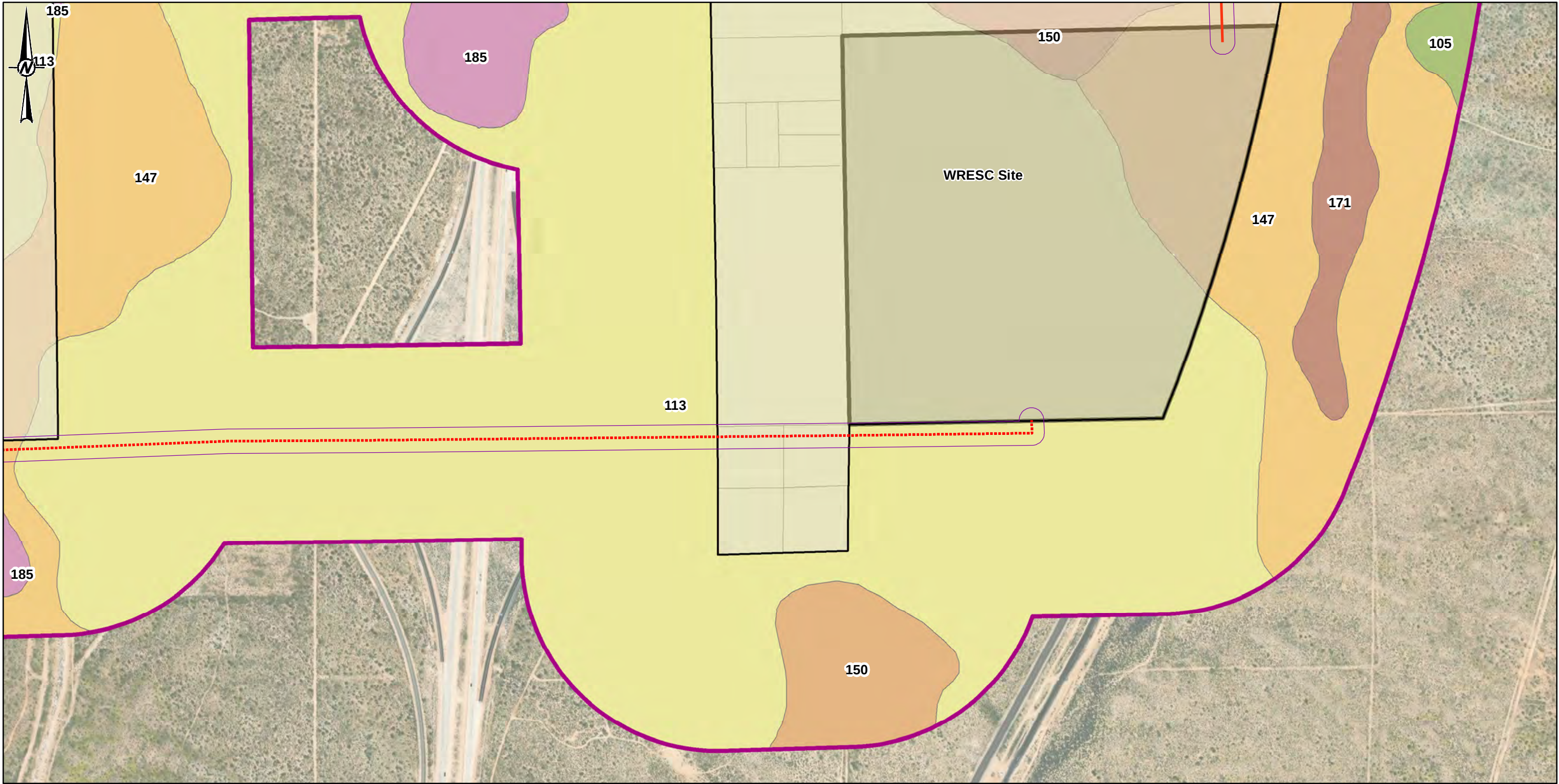
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
SOILS MAP
MAP BOOK PAGE 1 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-1

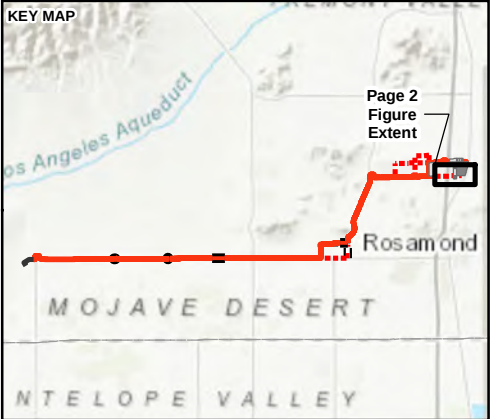
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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route Option, Aboveground
- Soils Map Unit**
- Arujo sandy loam (105)
 - Cajon sand (113)
 - Hi Vista sandy loam (147)
 - Muroc sandy loam (150)
 - Rosamond clay loam (171)
 - Torriorthents-Rock outcrop complex (185)

- Project Components**
- WRESC Site
 - Other Project Parcels
 - 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
 - Project Boundary
 - Project ROW



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GEM A-CAES LLC

CONSULTANT



YYYY-MM-DD	2025-01-31
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PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

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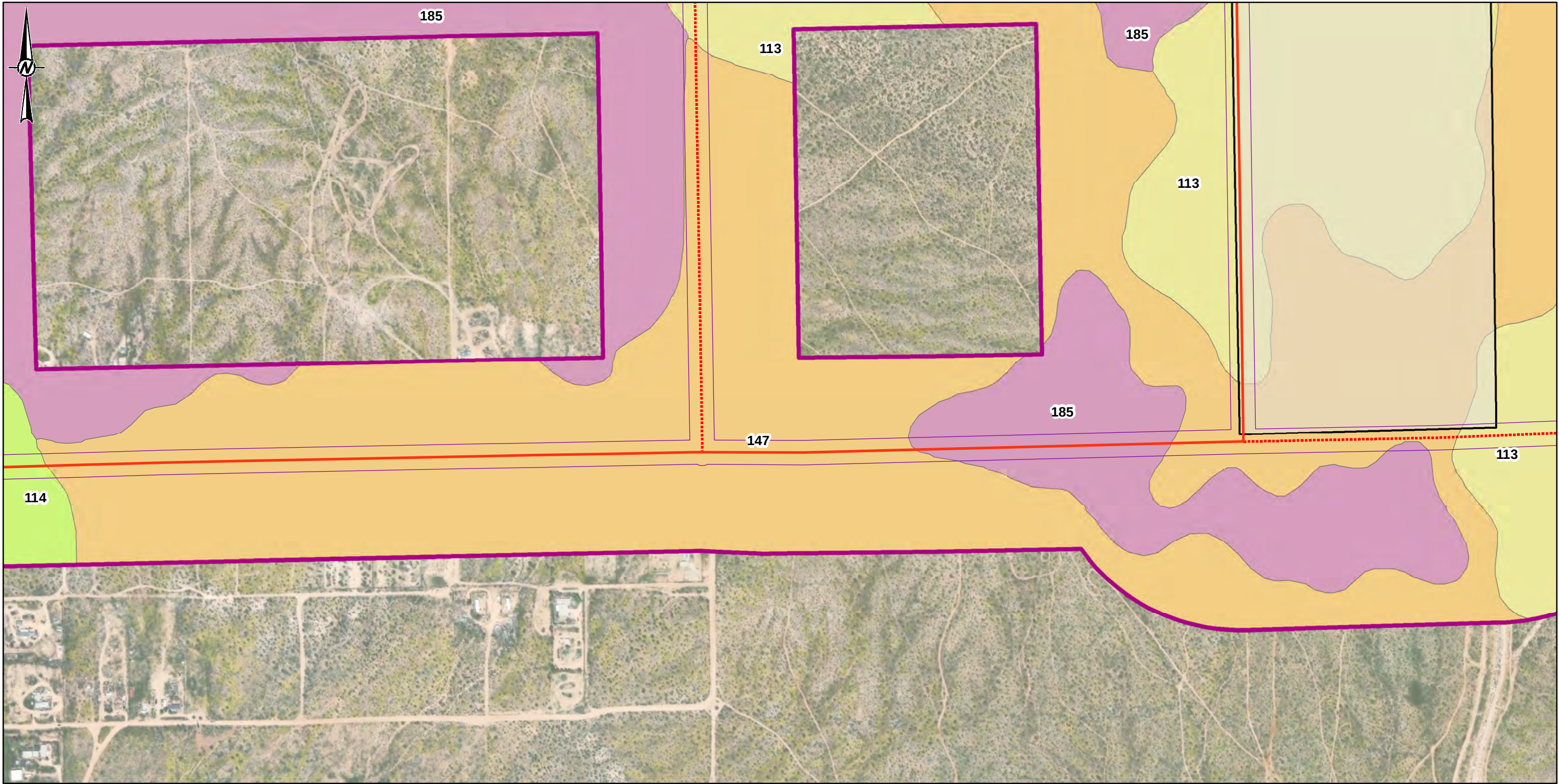
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
SOILS MAP
MAP BOOK PAGE 2 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-2

1in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route Option, Aboveground

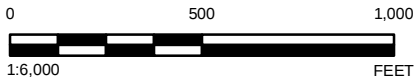
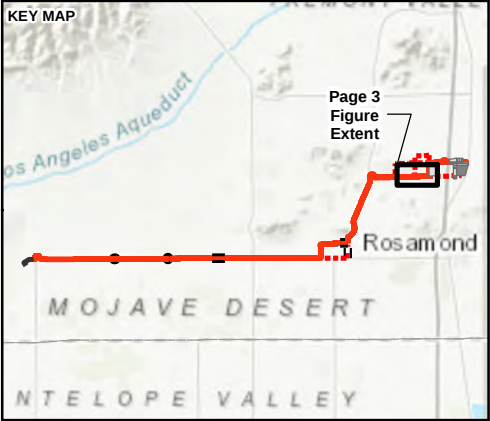
Soils Map Unit

- Cajon loamy sand (114, CaA, CaC)
- Cajon sand (113)
- Hi Vista sandy loam (147)
- Torriorthents-Rock outcrop complex (185)

Project Components

- Other Project Parcels

- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project Boundary
- Project ROW



CLIENT
GEM A-CAES LLC

CONSULTANT



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- SSURGO - SOILS DATA
- COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
- MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

PROJECT

WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

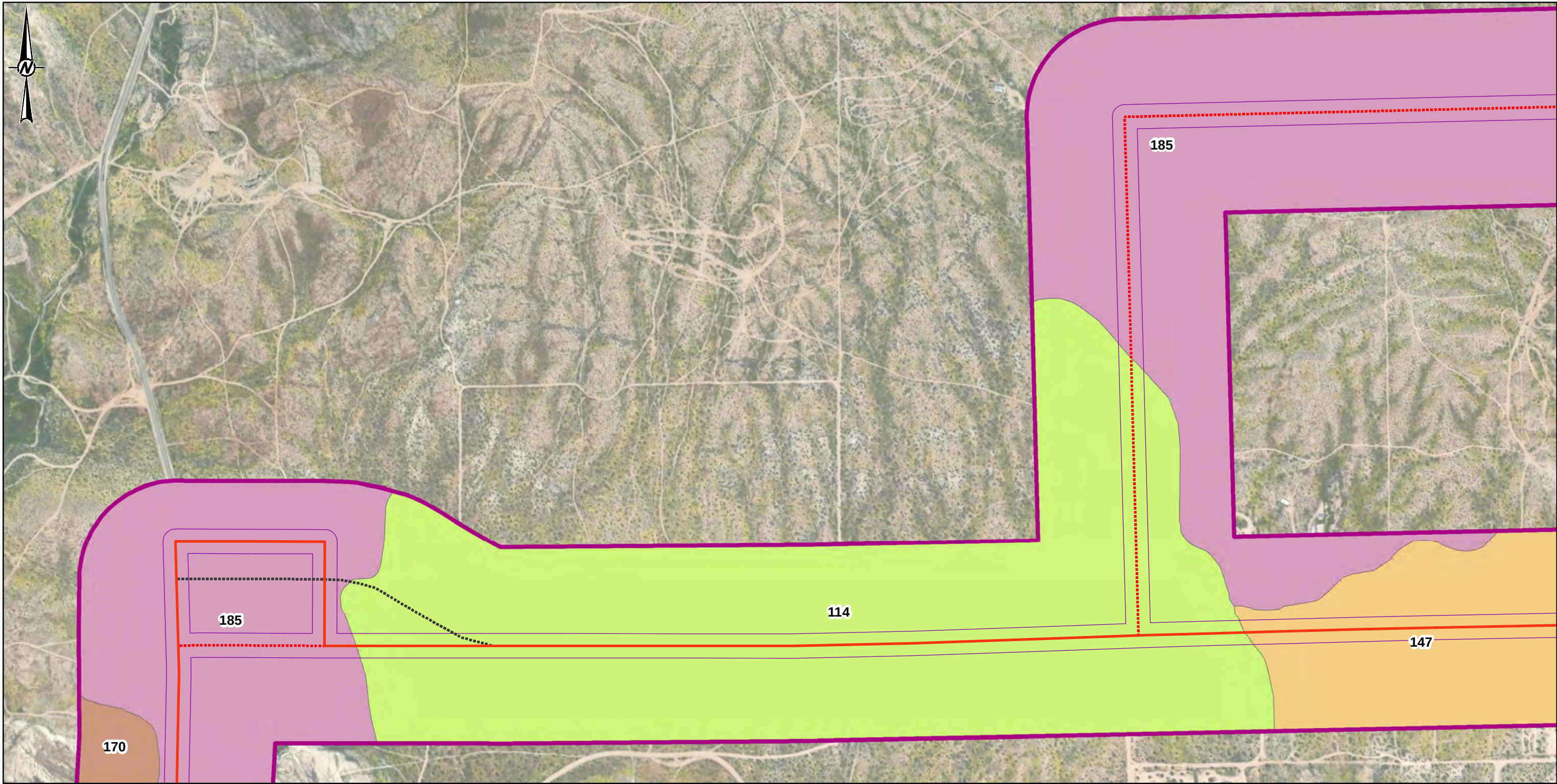
TITLE

SOILS MAP
MAP BOOK PAGE 3 OF 18

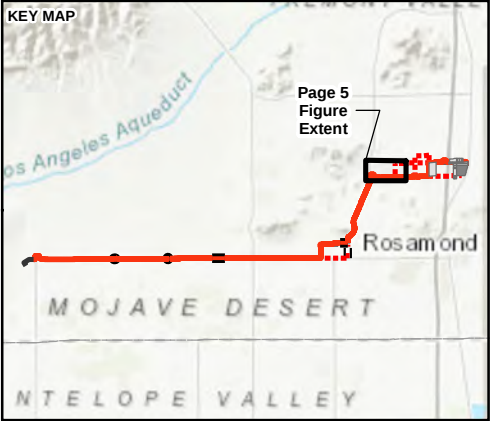
PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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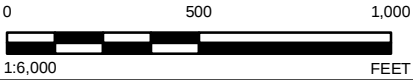


- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route Option, Aboveground
 - Superseeded Preferred Route, Aboveground
- Soils Map Unit**
- Cajon loamy sand (114, CaA, CaC)
 - Hi Vista sandy loam (147)
 - Rock outcrop (170)
 - Torriorthents-Rock outcrop complex (185)
 - 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW**



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CONSULTANT



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DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

1. SSURGO - SOILS DATA
2. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

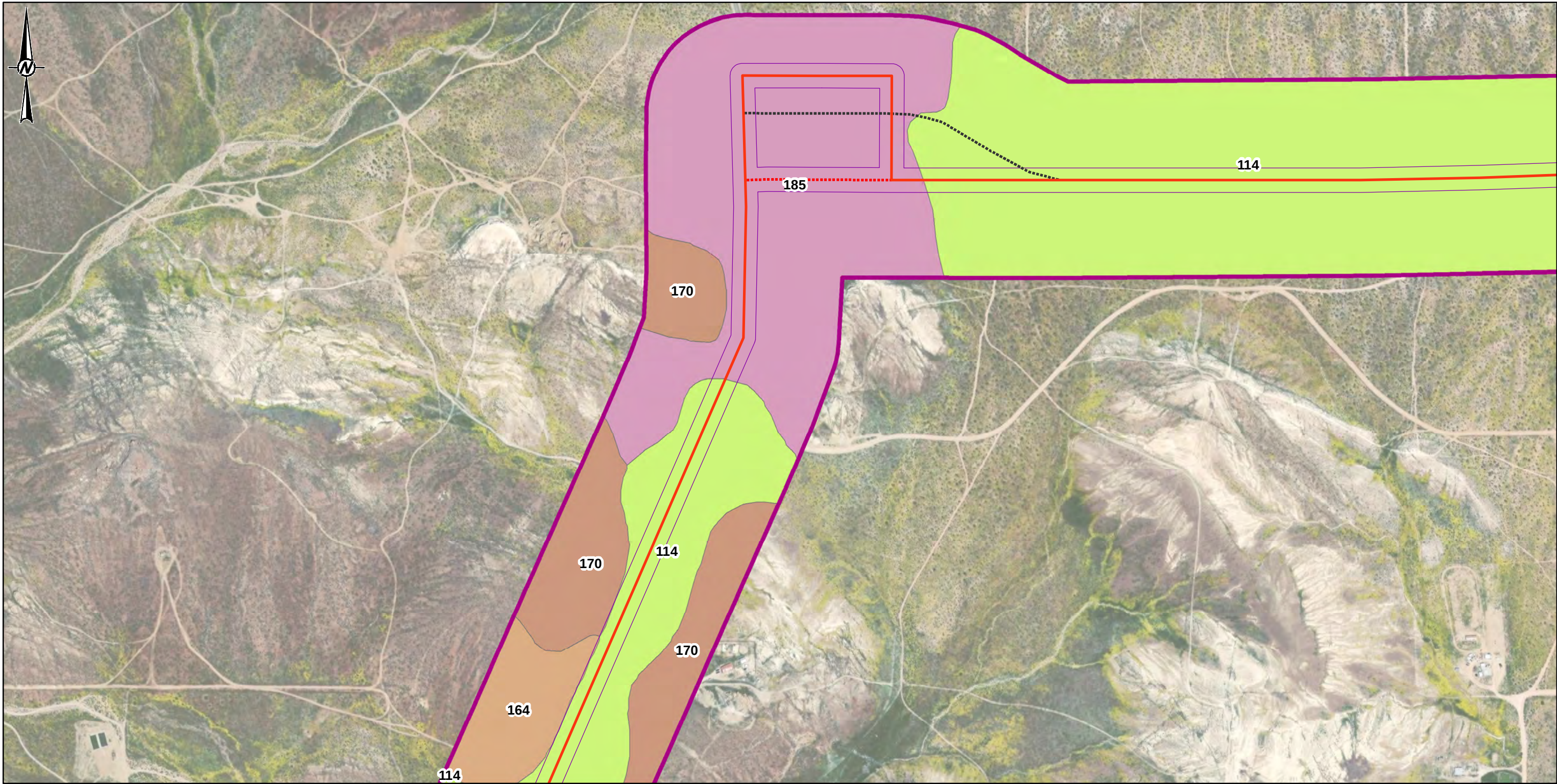
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
SOILS MAP
MAP BOOK PAGE 5 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-5

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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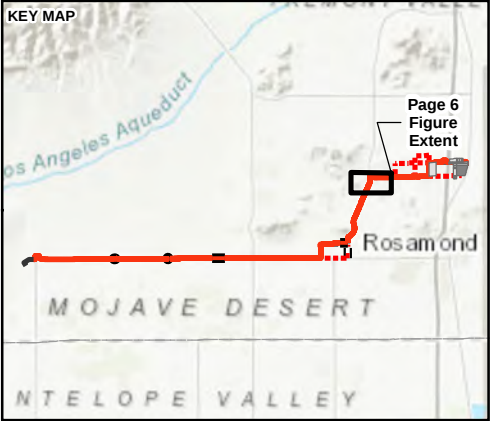
Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route Option, Aboveground
- Superseeded Preferred Route, Aboveground

Soils Map Unit

- Cajon loamy sand (114, CaA, CaC)
- Porterville cobbly clay (164)
- Rock outcrop (170)
- Torriorthents-Rock outcrop complex (185)
- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels

Project ROW



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0 500 1,000
1:6,000 FEET

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REVIEWED	NN
APPROVED	JP

REFERENCE(S)

1. SSURGO - SOILS DATA
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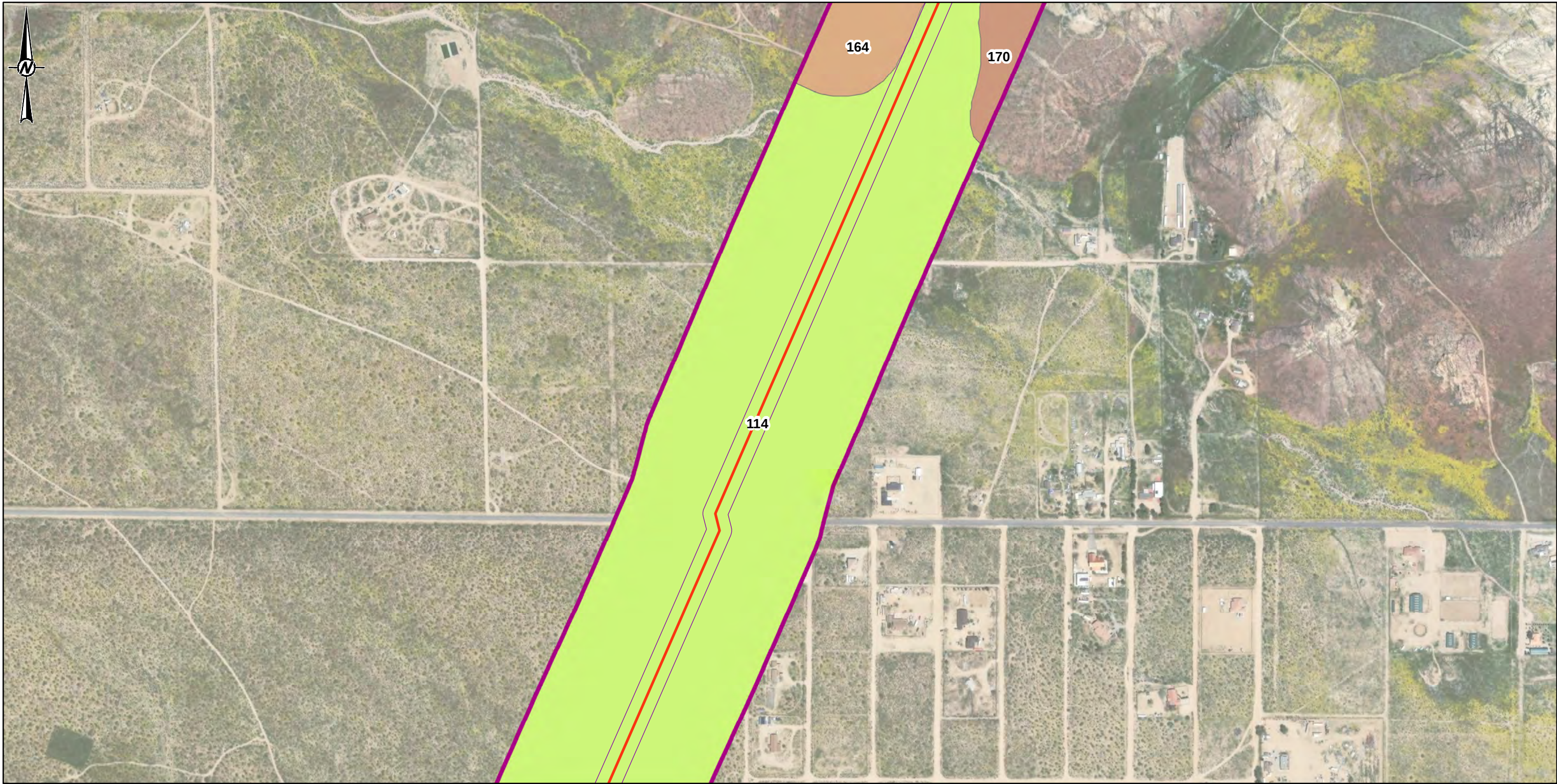
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
**SOILS MAP
MAP BOOK PAGE 6 OF 18**

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-6

1in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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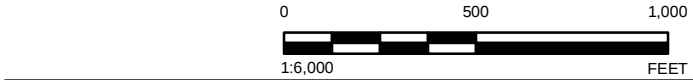
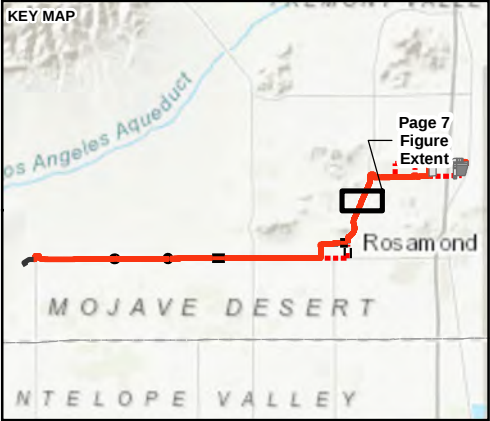
LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground

Soils Map Unit

- Cajon loamy sand (114, CaA, CaC)
- Porterville cobbly clay (164)
- Rock outcrop (170)
- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW



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CONSULTANT	YYYY-MM-DD	2025-01-31
	DESIGNED	MK
	PREPARED	KO, KS
	REVIEWED	NN
	APPROVED	JP



REFERENCE(S)
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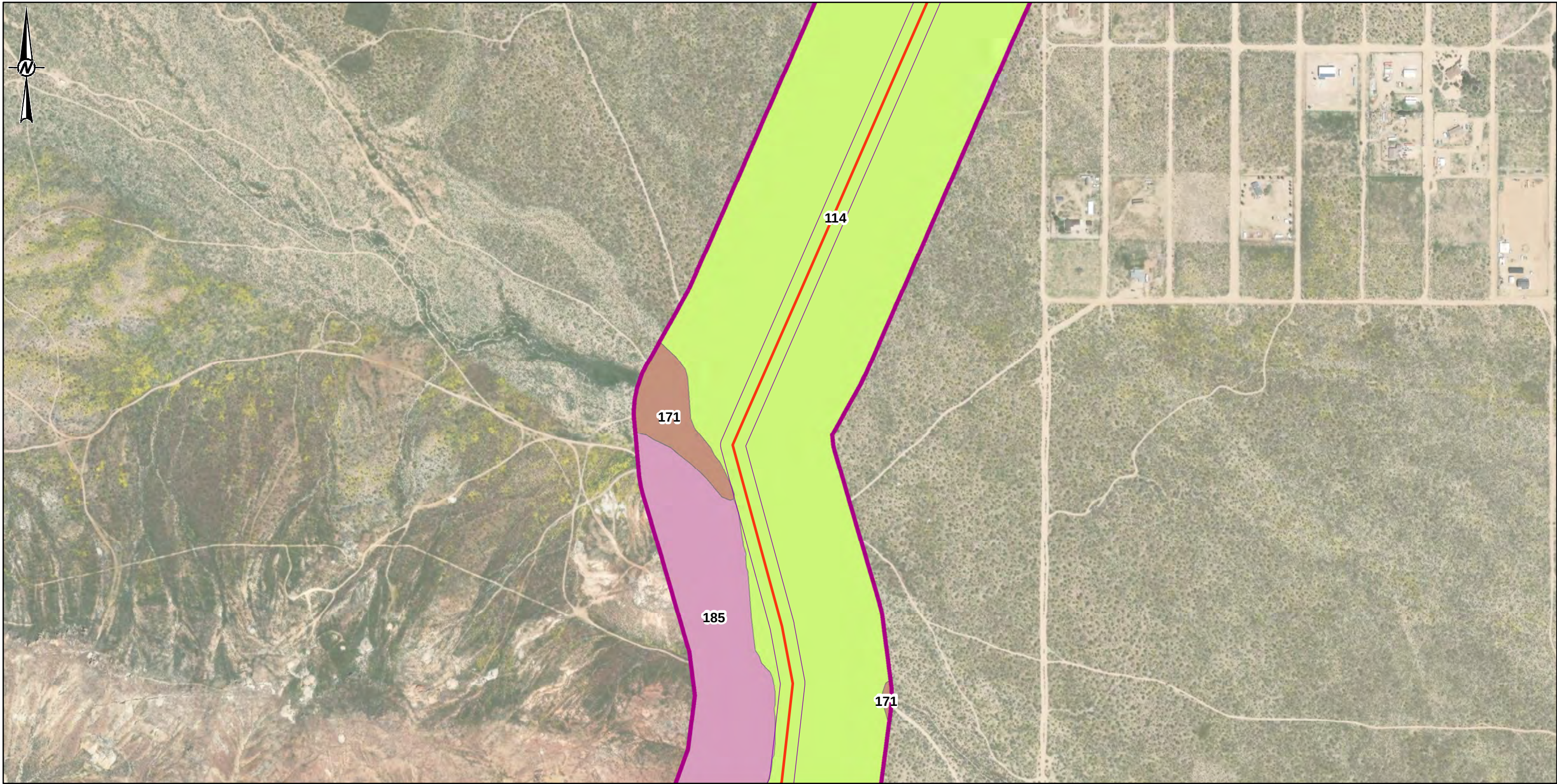
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
**SOILS MAP
MAP BOOK PAGE 7 OF 18**

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-7

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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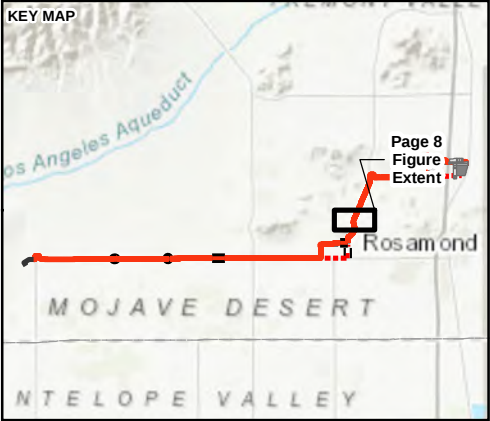
LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground

Soils Map Unit

- Cajon loamy sand (114, CaA, CaC)
- Rosamond clay loam (171)
- Torriorthents-Rock outcrop complex (185)
- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW



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REVIEWED	NN
APPROVED	JP

REFERENCE(S)

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2. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
2. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

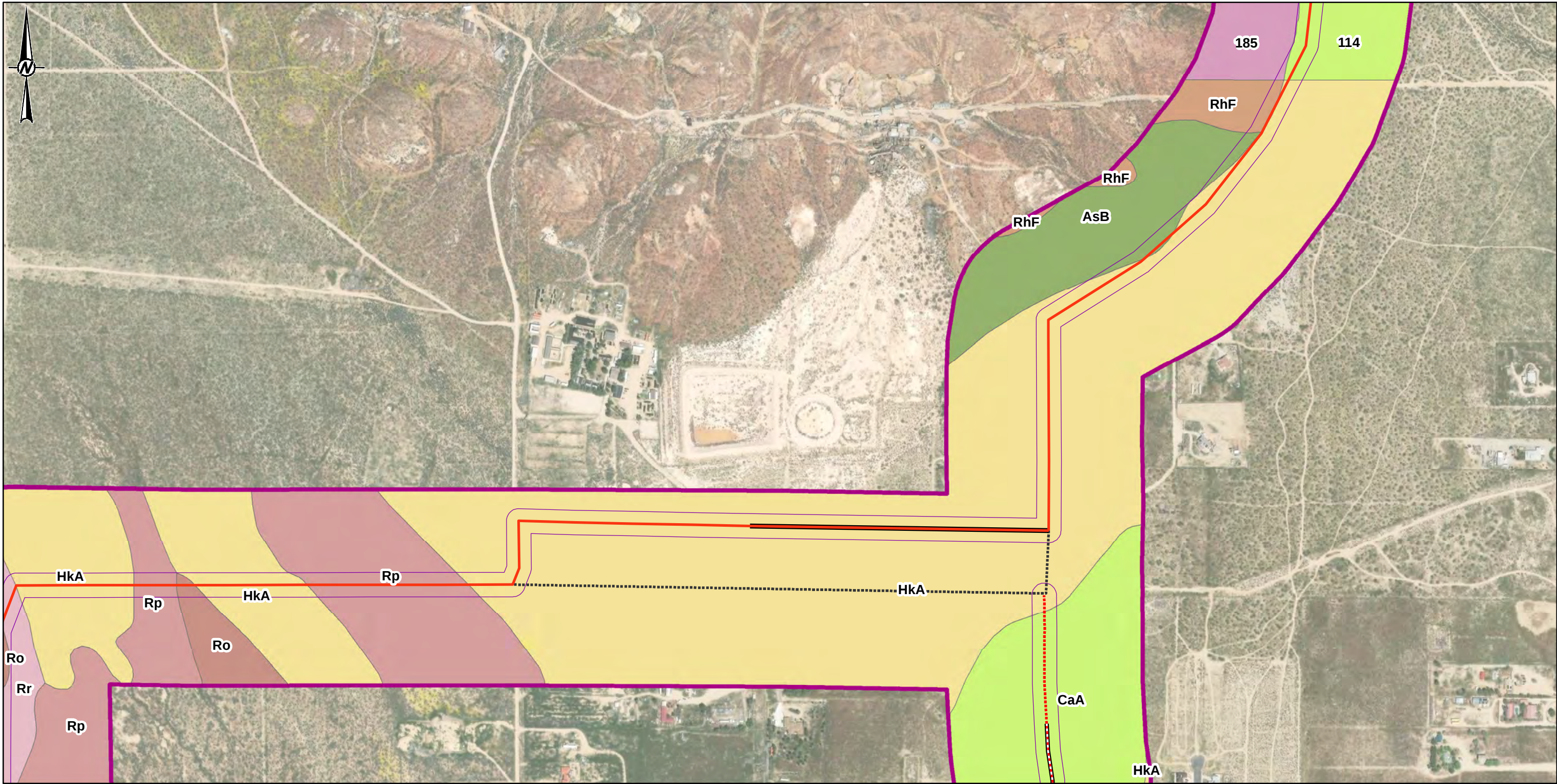
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
SOILS MAP
MAP BOOK PAGE 8 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-8

1in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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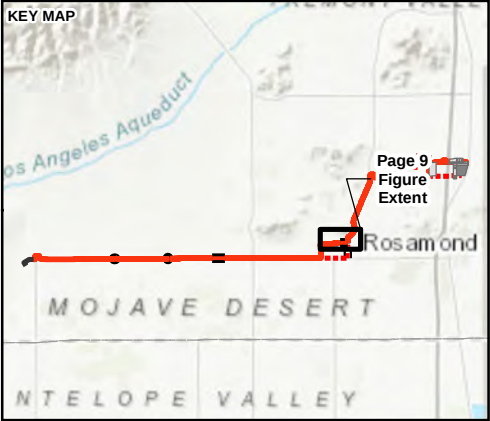
Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route, Underground
- Preferred Route Option, Aboveground
- Preferred Route Option, Underground
- Superseeded Preferred Route, Aboveground

Soils Map Unit

- Arizo gravelly loamy sand (AsB)
- Cajon loamy sand (114, CaA, CaC)
- Hesperia fine sandy loam (HkA, HkB)
- Rock land (RhF)

- Rosamond fine sandy loam (Ro)
- Rosamond loam (Rp)
- Rosamond loamy fine sand, slightly saline (Rr)
- Torriorthents-Rock outcrop complex (185)
- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW



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PROJECT

WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

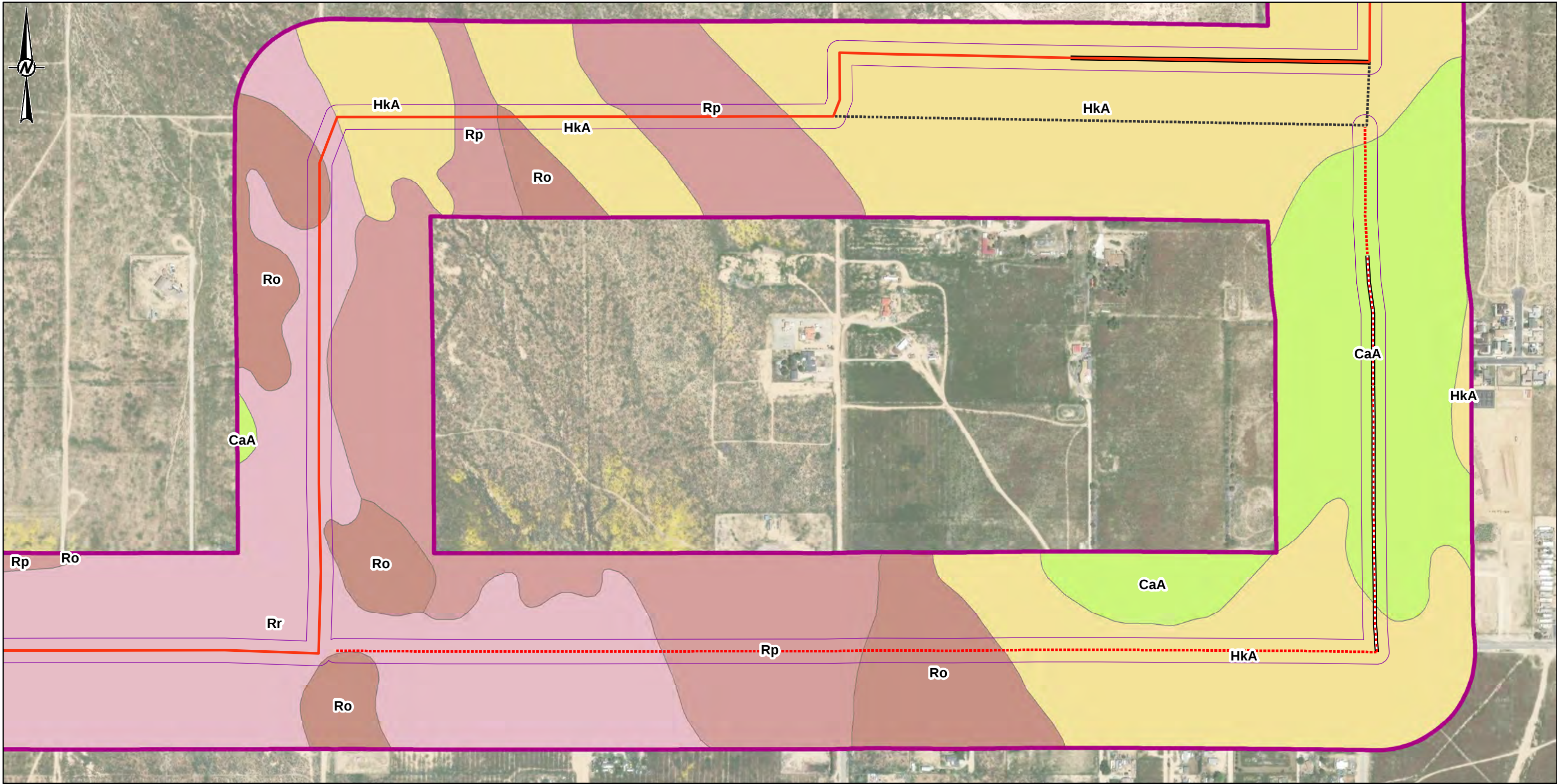
TITLE

SOILS MAP
MAP BOOK PAGE 9 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-9

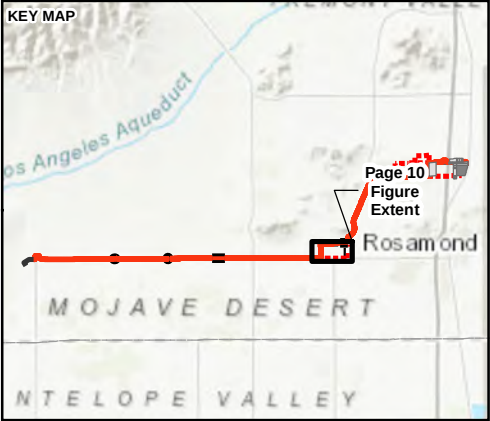
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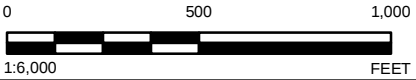
- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route, Underground
 - Preferred Route Option, Aboveground
 - Preferred Route Option, Underground
 - Superseeded Preferred Route, Aboveground
- Soils Map Unit**
- Cajon loamy sand (114, CaA, CaC)
 - Hesperia fine sandy loam (HkA, HkB)
 - Rosamond fine sandy loam (Ro)
 - Rosamond loam (Rp)

- Rosamond loamy fine sand, slightly saline (Rr)
- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW



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PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

1. SSURGO - SOILS DATA
2. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
3. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

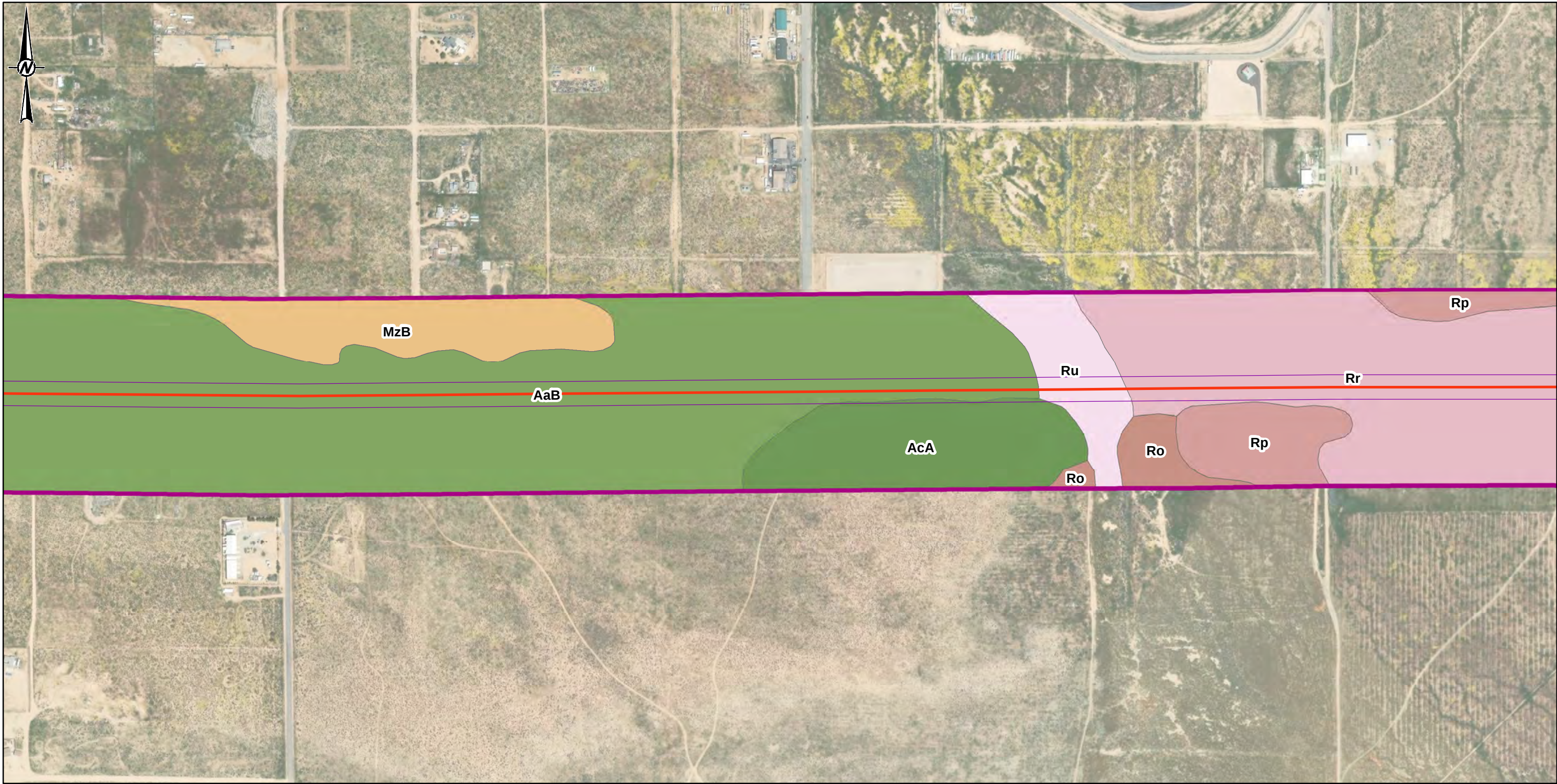
PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
SOILS MAP
MAP BOOK PAGE 10 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-10

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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LEGEND

Proposed Transmission Line

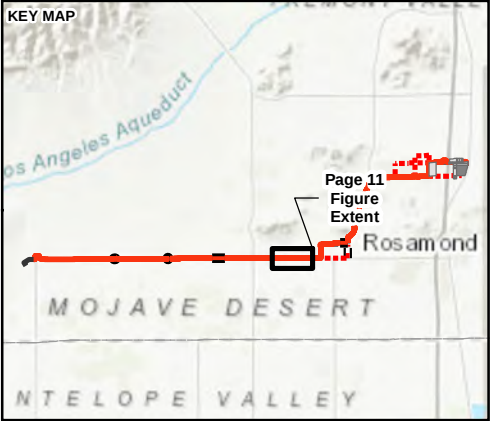
— Preferred Route, Aboveground

Soils Map Unit

- Adelanto coarse sandy loam (AcA)
- Adelanto loamy sand (AaB)
- Mohave coarse sandy loam (MzB)
- Rosamond fine sandy loam (Ro)
- Rosamond loam (Rp)
- Rosamond loamy fine sand, slightly saline (Rr)
- Rosamond silty clay loam, saline-alkali (Ru)

500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels

Project ROW



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DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

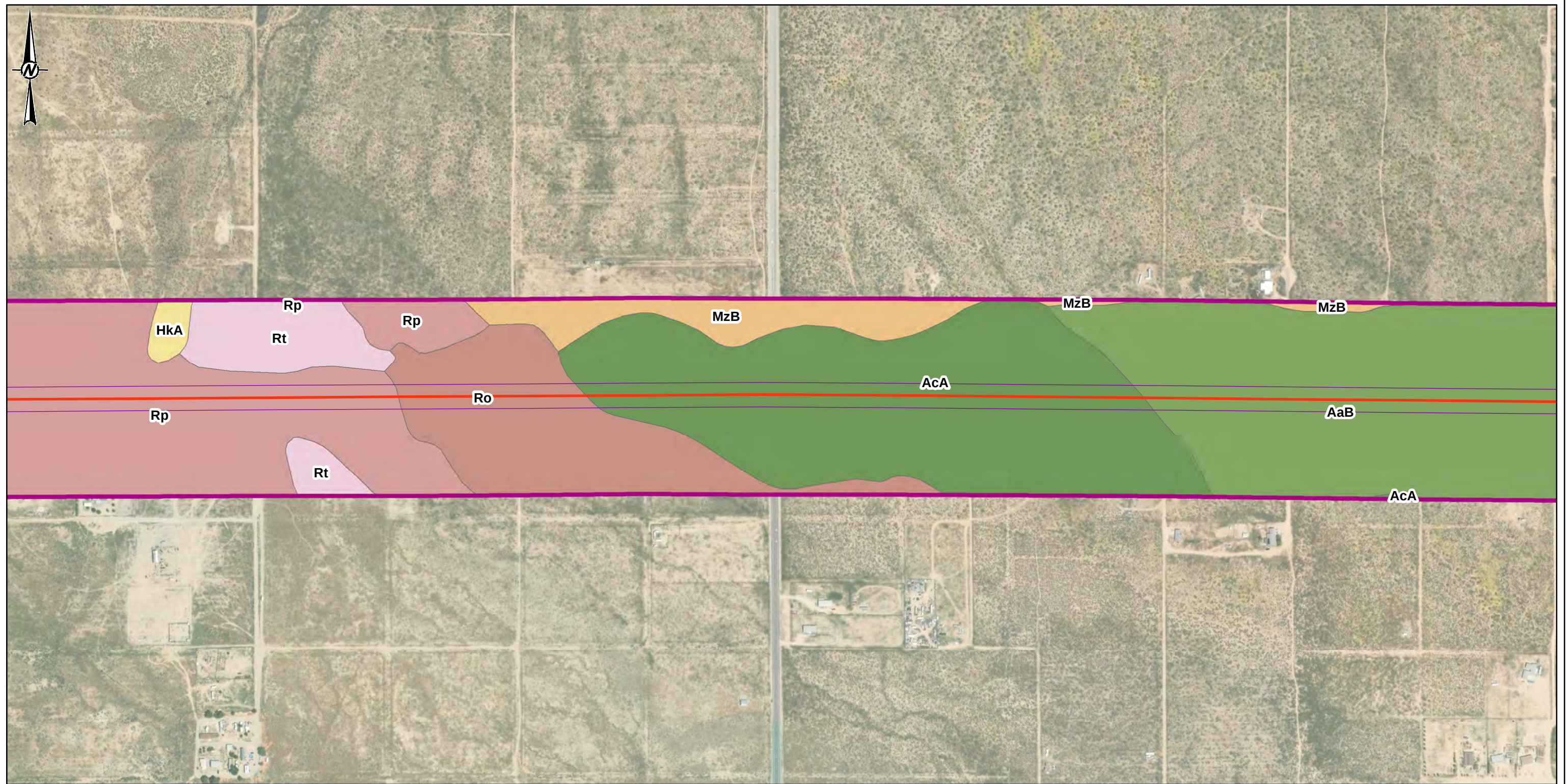
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PROJECT
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE
SOILS MAP
MAP BOOK PAGE 11 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-11

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LEGEND

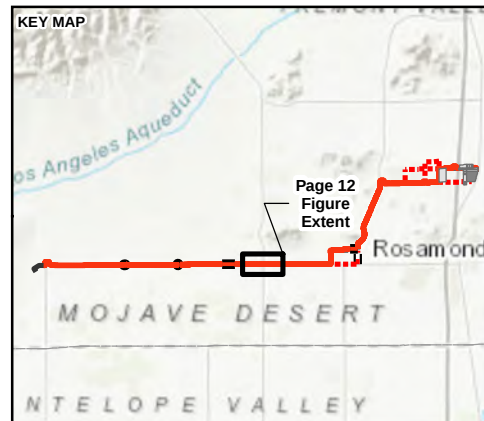
Proposed Transmission Line

- Preferred Route, Aboveground

Soils Map Unit

-  Adelanto coarse sandy loam (AcA)
-  Adelanto loamy sand (AaB)
-  Hesperia fine sandy loam (HkA, HkB)
-  Mohave coarse sandy loam (MzB)
-  Rosamond fine sandy loam (Ro)
-  Rosamond loam (Rp)
-  Rosamond silty clay loam (Rt)

-  500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
-  Project ROW



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1. SSURGO - SOILS DATA
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3. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP.,
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ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

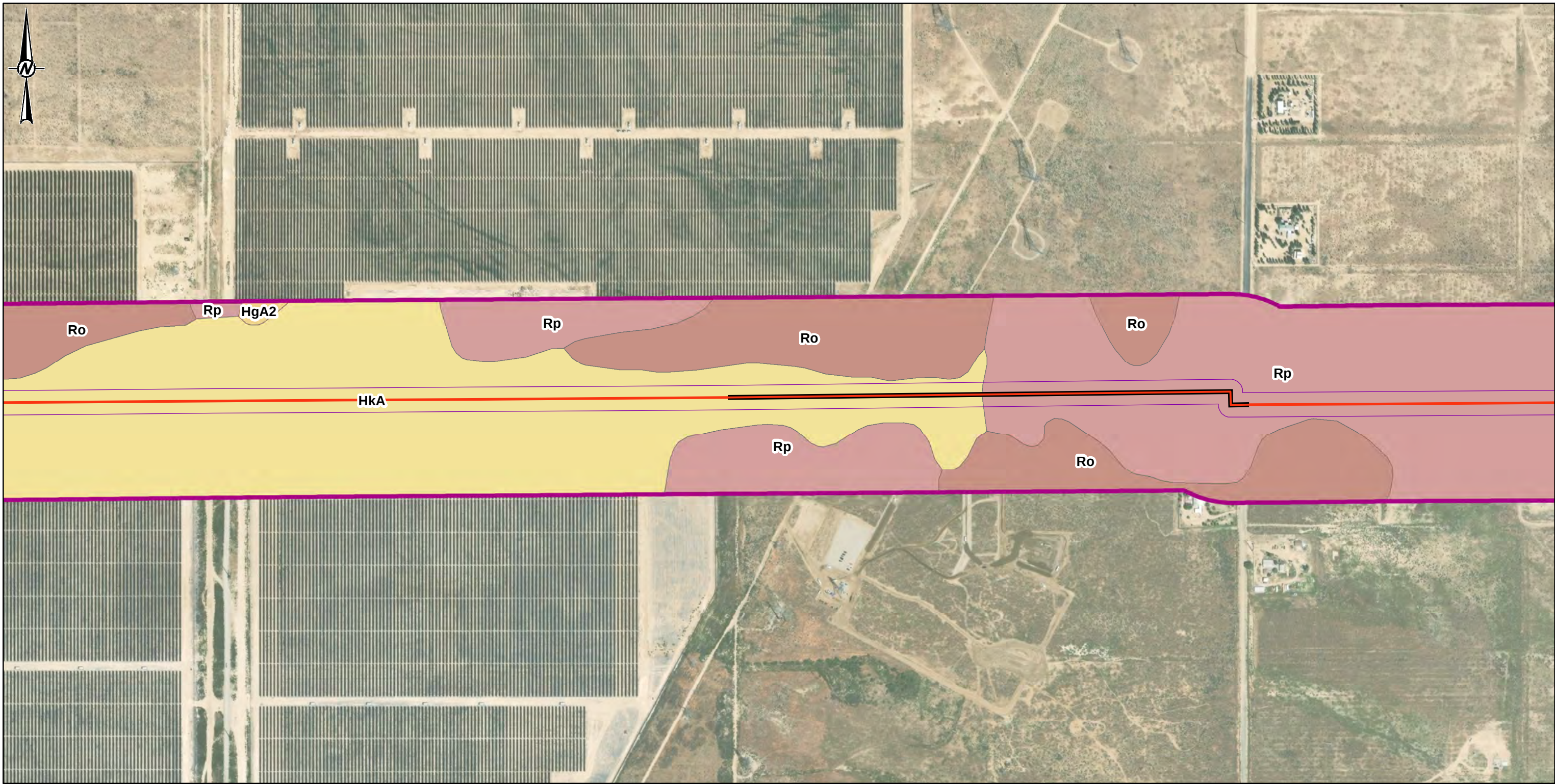
PROJECT

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JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE

SOILS MAP
MAP BOOK PAGE 12 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-12



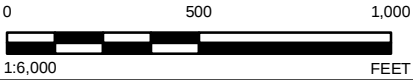
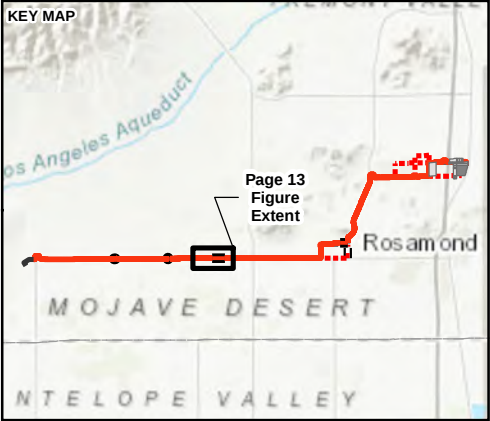
LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route, Underground

Soils Map Unit

- Hesperia fine sandy loam (HKA, HkB)
- Hesperia loamy fine sand, hummocky (HgA2)
- Rosamond fine sandy loam (Ro)
- Rosamond loam (Rp)
- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW



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PROJECT

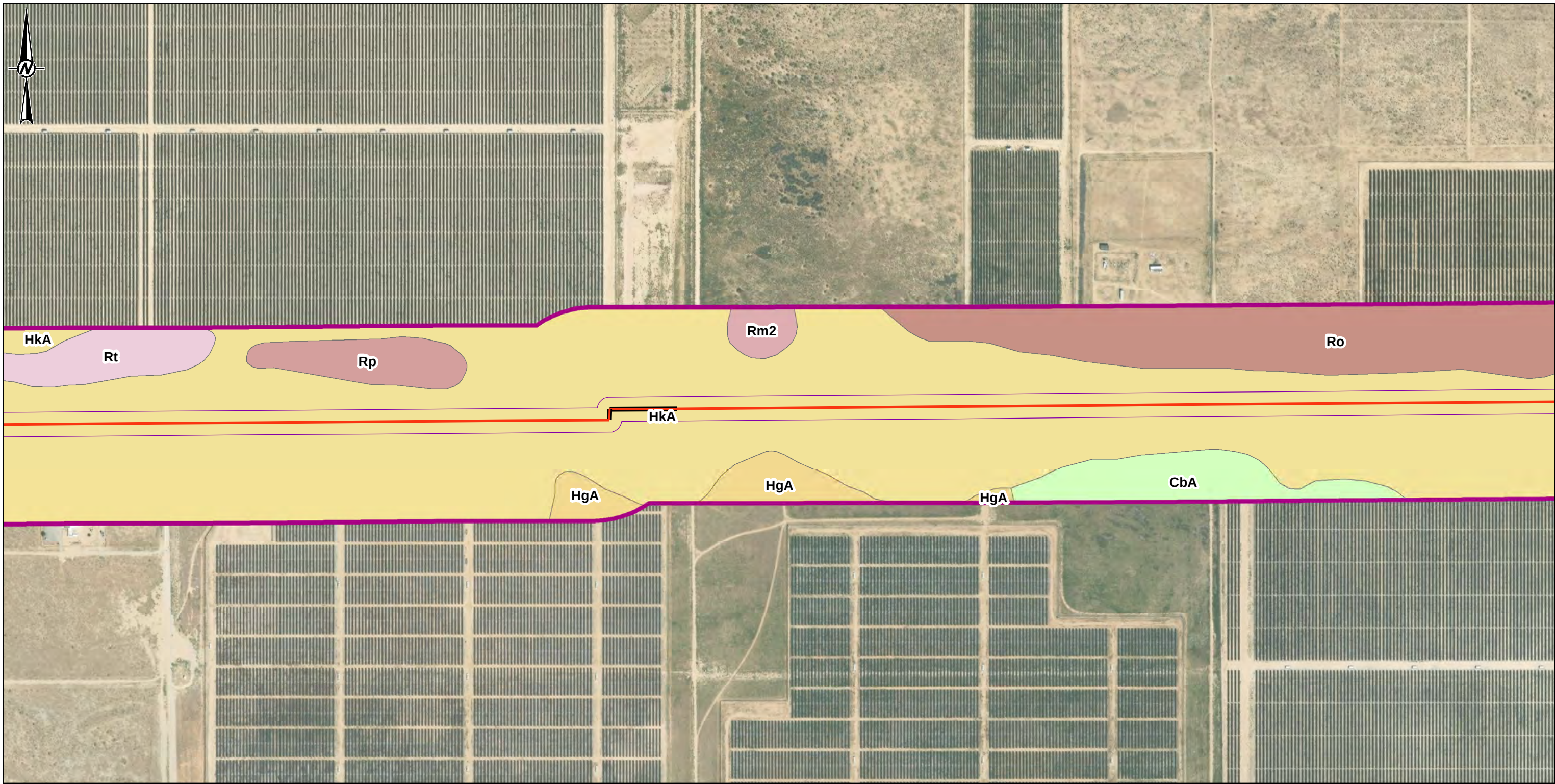
WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE

SOILS MAP
MAP BOOK PAGE 13 OF 18

PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-13

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LEGEND

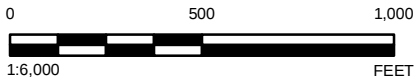
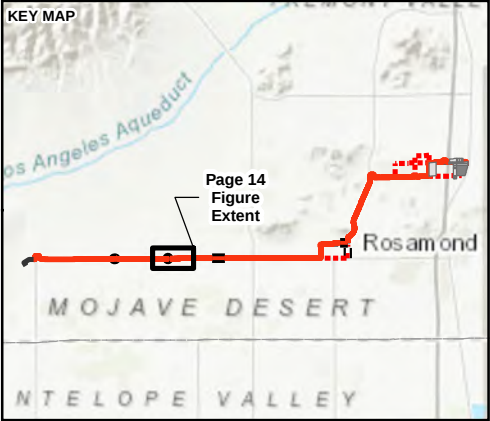
Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route, Underground

Soils Map Unit

- Cajon loamy sand, loamy substratum (CbA)
- Hesperia fine sandy loam (HkA, HkB)
- Hesperia loamy fine sand (HgA)
- Rosamond fine sandy loam (Ro)
- Rosamond loam (Rp)
- Rosamond loamy fine sand, hummocky (Rm2)
- Rosamond silty clay loam (Rt)

- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW



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PREPARED	KO, KS
REVIEWED	NN
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PROJECT

WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE

SOILS MAP
MAP BOOK PAGE 14 OF 18

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31406639.000

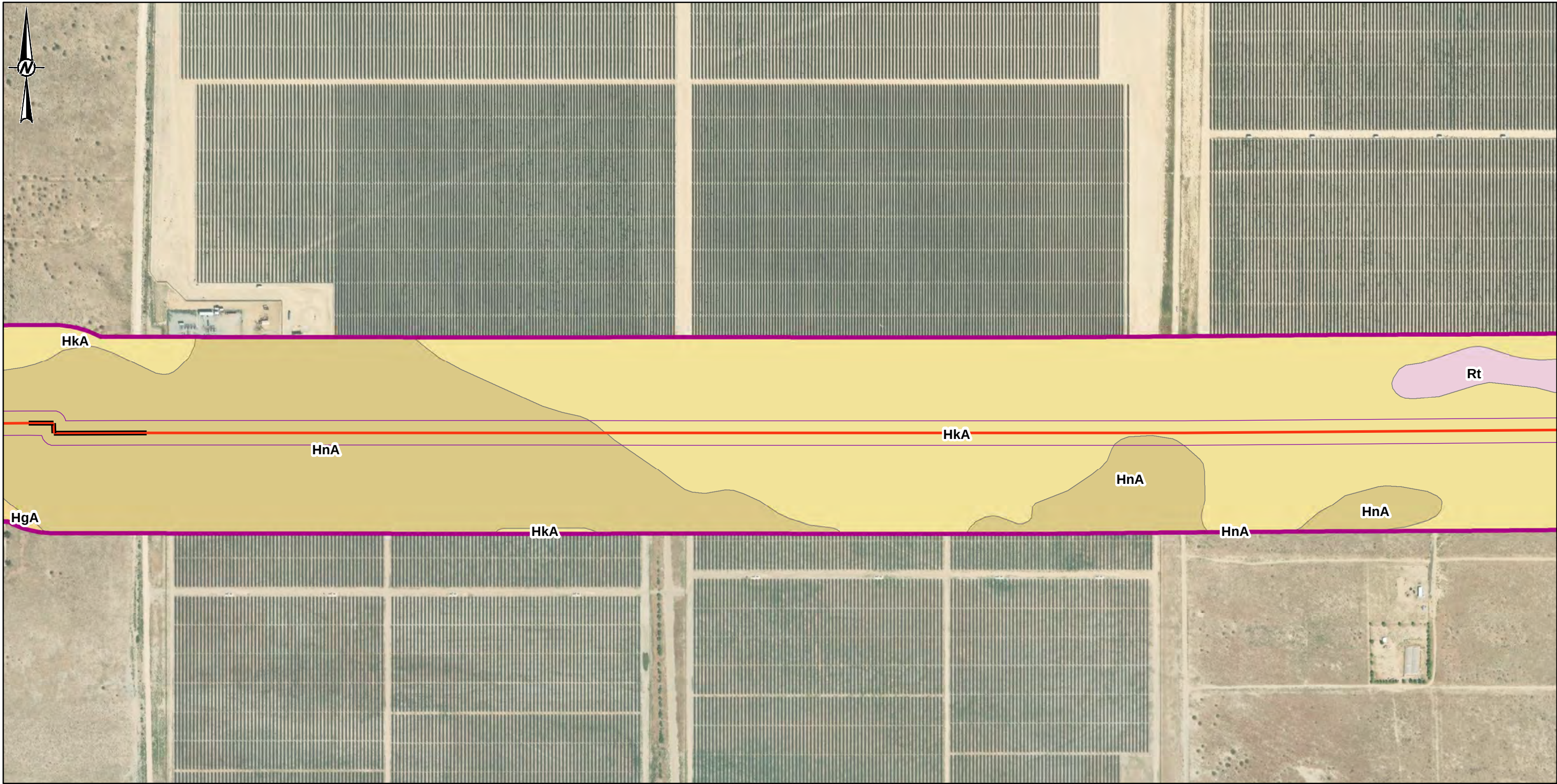
PHASE
01.LBR

REV.
2

FIGURE
7-14

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

R:\TH: G:\Hydrosoft\Ana109a_P\PROJECTS\31406639_000_Hydrosoft\Area109a_P\Biosurvey\02_PRODUCT\NMAX\FIGURES\Jurisdictional_Delineation\REV1406639_000_01_07_F07.07_Rele_ID_USDA_Soils_1_6000.mxd PRINTED ON: 2025-01-31 AT: 8:54:51 AM



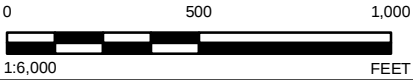
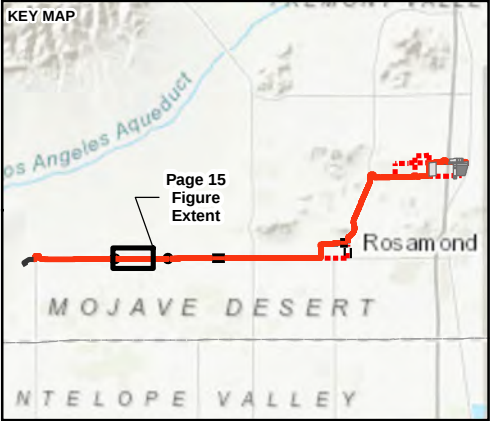
LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route, Underground

Soils Map Unit

- Hesperia fine sandy loam (HkA, HkB)
- Hesperia loam (HnA)
- Hesperia loamy fine sand (HgA)
- Rosamond silty clay loam (Rt)
- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW



CLIENT
GEM A-CAES LLC

CONSULTANT



YYYY-MM-DD	2025-01-31
DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

- SSURGO - SOILS DATA
- COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
- MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

PROJECT

WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE

SOILS MAP
MAP BOOK PAGE 15 OF 18

PROJECT NO.
31406639.000

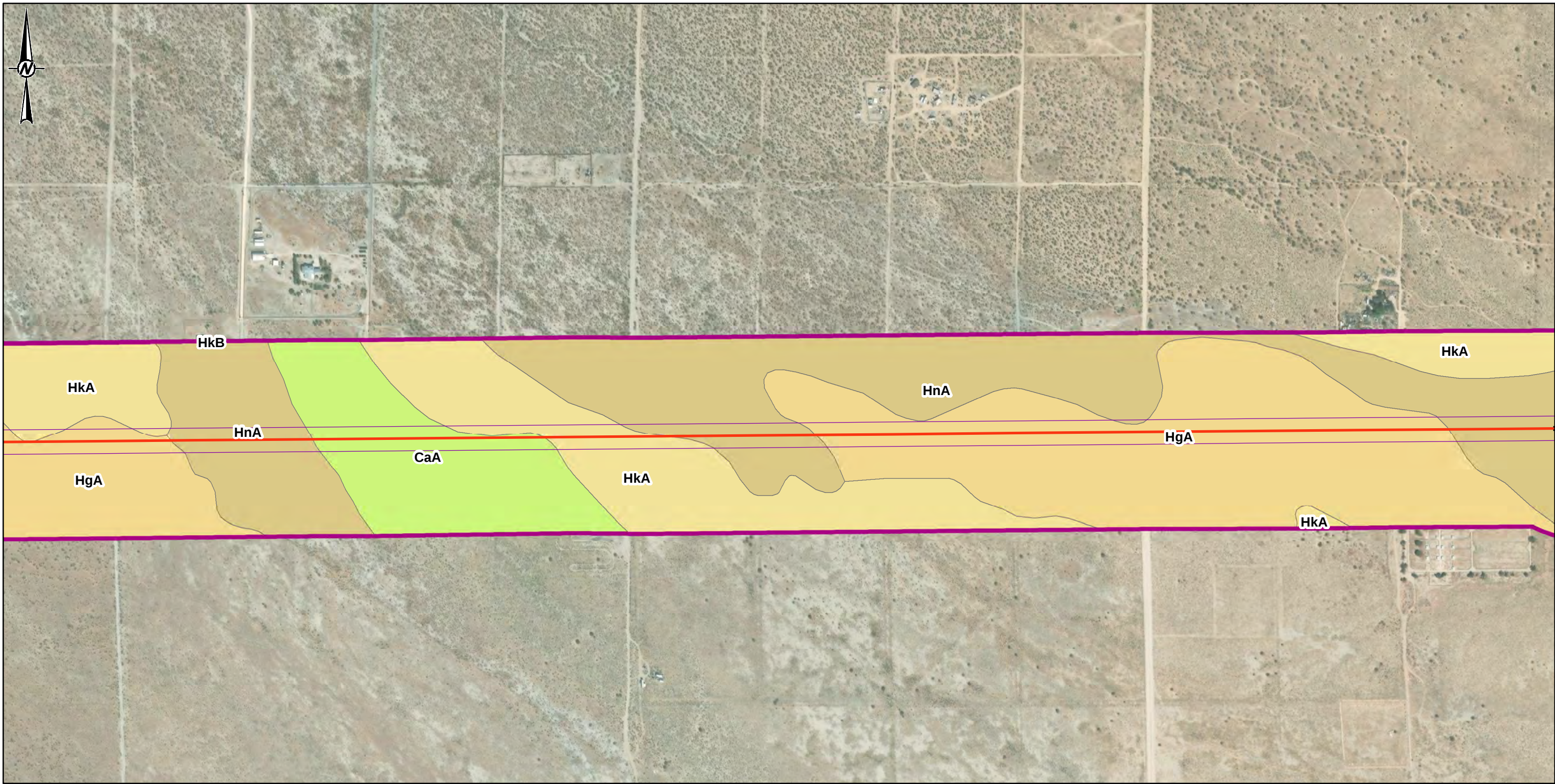
PHASE
01.LBR

REV.
2

FIGURE
7-15

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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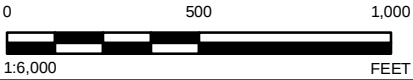
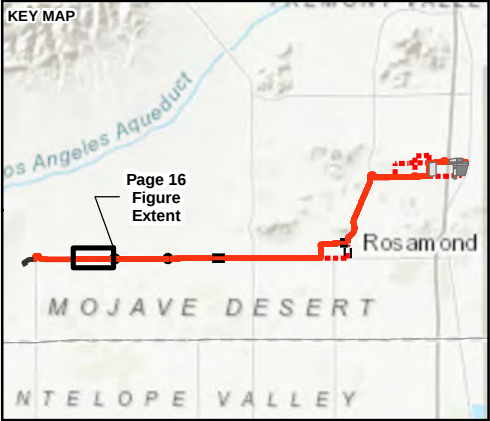
LEGEND

Proposed Transmission Line

- Preferred Route, Aboveground
- Preferred Route, Underground

Soils Map Unit

- Cajon loamy sand (114, CaA, CaC)
- Hesperia fine sandy loam (HkA, HkB)
- Hesperia loam (HnA)
- Hesperia loamy fine sand (HgA)
- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW



CLIENT
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CONSULTANT



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PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

- SSURGO - SOILS DATA
- COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
- MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

PROJECT

WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

TITLE

SOILS MAP
MAP BOOK PAGE 16 OF 18

PROJECT NO.
31406639.000

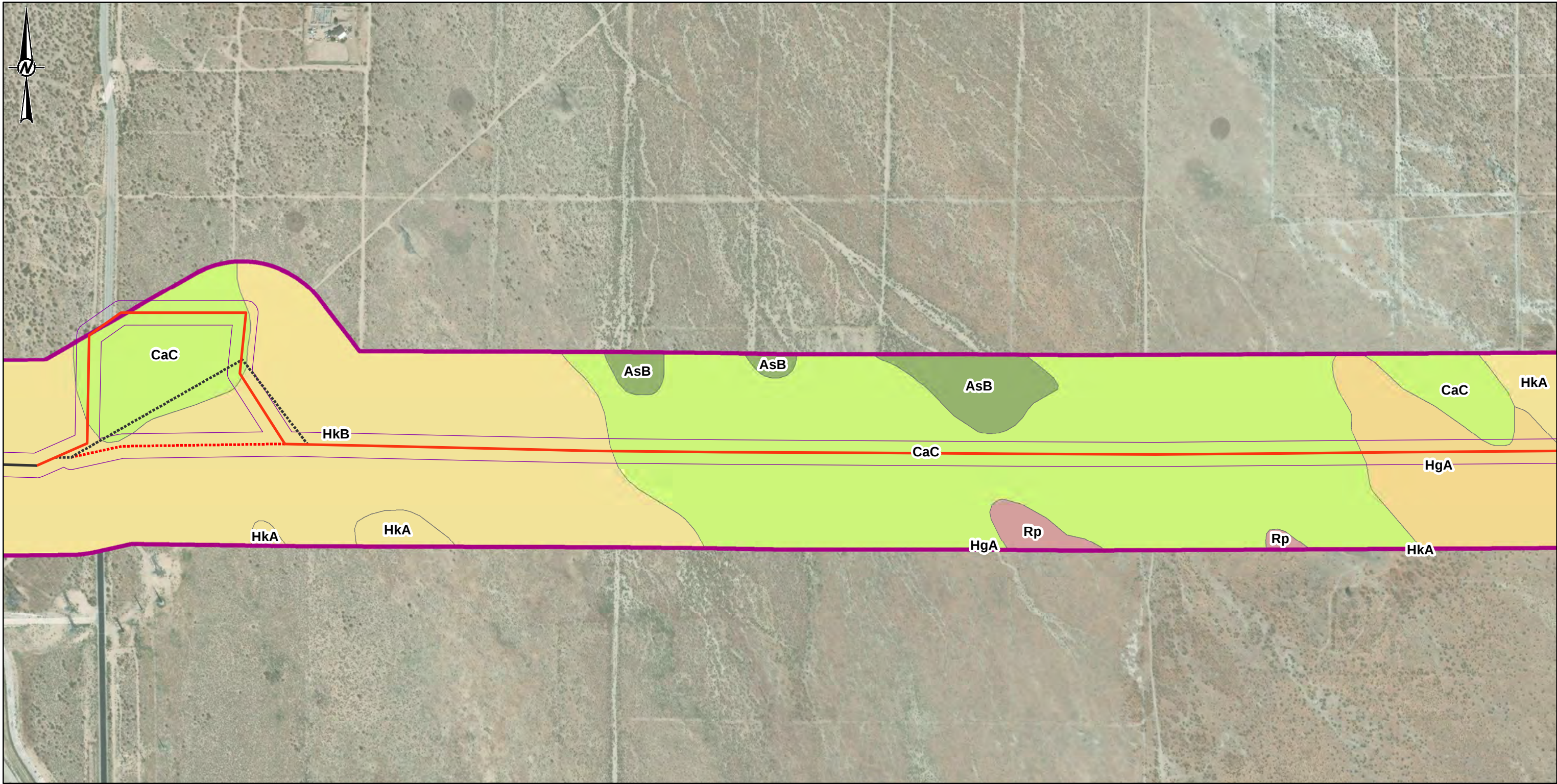
PHASE
01.LBR

REV.
2

FIGURE
7-16

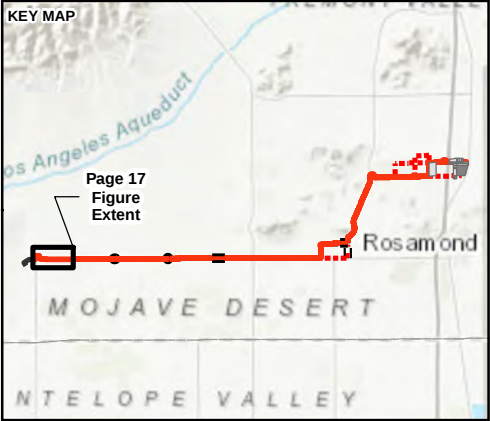
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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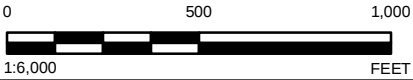
- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route Option, Aboveground
 - Superseeded Preferred Route, Aboveground
 - SCE Whirlwind Substation Segment, Aboveground
- Soils Map Unit**
- Arizo gravelly loamy sand (AsB)
 - Cajon loamy sand (114, CaA, CaC)
 - Hesperia fine sandy loam (HkA, HkB)
 - Hesperia loamy fine sand (HgA)
 - Rosamond loam (Rp)

- 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
- Project ROW



CLIENT
GEM A-CAES LLC

CONSULTANT



YYYY-MM-DD	2025-01-31
DESIGNED	MK
PREPARED	KO, KS
REVIEWED	NN
APPROVED	JP

REFERENCE(S)

- SSURGO - SOILS DATA
- COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET
- MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

PROJECT

WILLOW ROCK ENERGY STORAGE CENTER
JURISDICTIONAL DELINEATION FOCUSED SURVEY

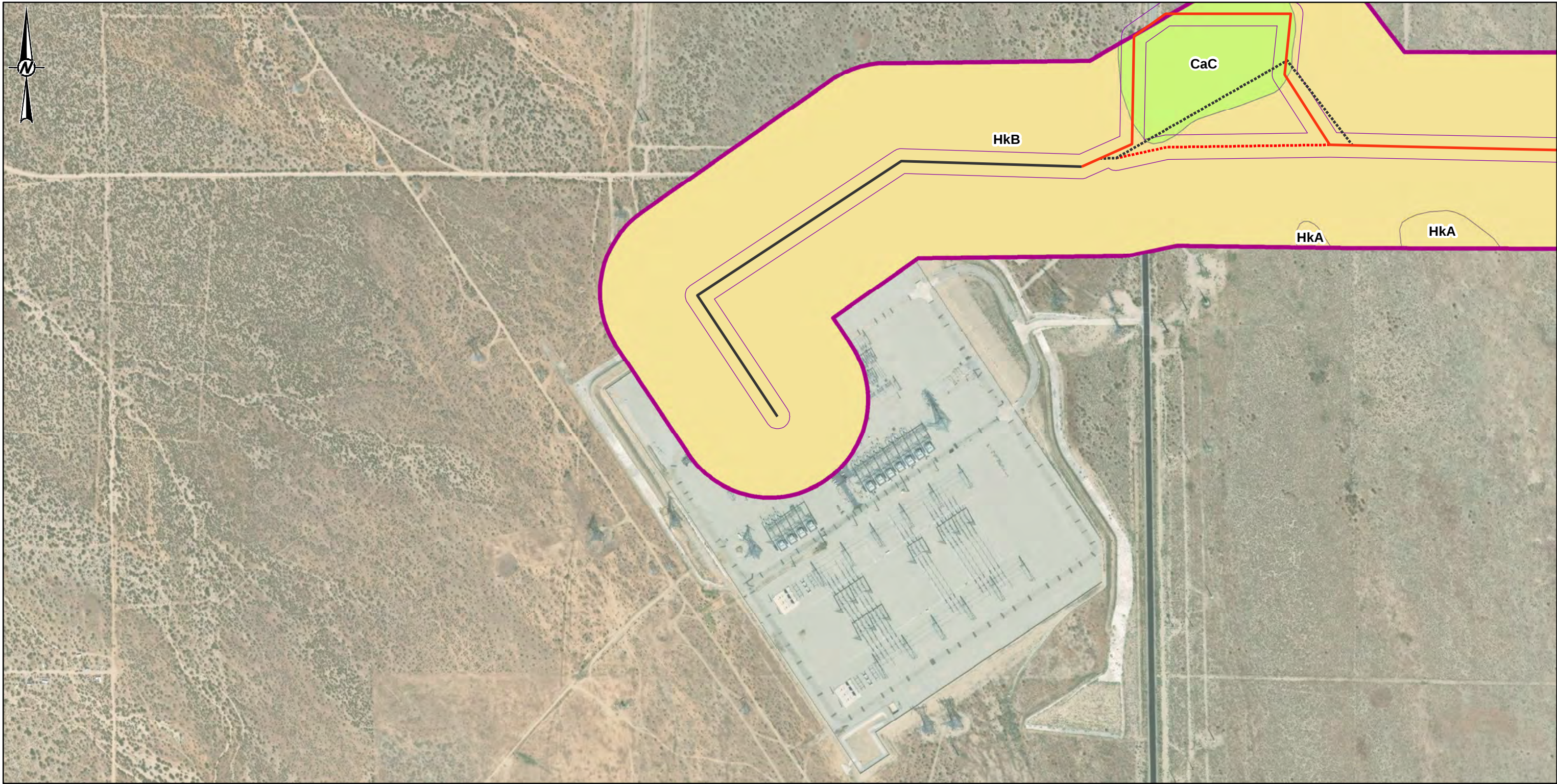
TITLE

SOILS MAP
MAP BOOK PAGE 17 OF 18

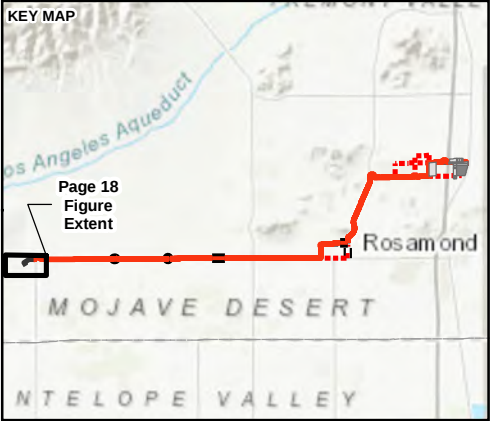
PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-17

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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- LEGEND**
- Proposed Transmission Line**
- Preferred Route, Aboveground
 - Preferred Route Option, Aboveground
 - Superseeded Preferred Route, Aboveground
 - SCE Whirlwind Substation Segment, Aboveground
- Soils Map Unit**
- Cajon loamy sand (114, CaA, CaC)
 - Hesperia fine sandy loam (HkA, HkB)
 - 500 ft on Either Side of Transmission Line and 1,000 ft Around Project Parcels
 - Project ROW



CLIENT GEM A-CAES LLC			0 500 1,000 1:6,000 FEET	
CONSULTANT 				
YYYY-MM-DD	2025-01-31			
DESIGNED	MK			
PREPARED	KO, KS			
REVIEWED	NN			
APPROVED	JP			

REFERENCE(S) 1. SSURGO - SOILS DATA 2. COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET 3. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY			
PROJECT WILLOW ROCK ENERGY STORAGE CENTER JURISDICTIONAL DELINEATION FOCUSED SURVEY			
TITLE SOILS MAP MAP BOOK PAGE 18 OF 18			
PROJECT NO.	PHASE	REV.	FIGURE
31406639.000	01.LBR	2	7-18

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B