

-  Ecoregions
-  ACEC
-  Wildlife Allocation
-  DRECP Boundary
-  Legislatively & Legally Protected Areas

DRECP Ecoregions-Pinto Lucerne Valley and Eastern Slopes

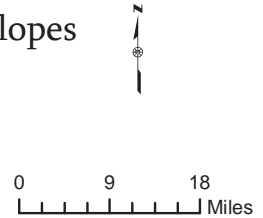


ACECs



9/14/2015

Draft Map Boundaries Subject to Change



Pinto Lucerne Valley and Eastern Slopes Subregion

ACEC Units

Unit Name	Map #	See Here for Special Unit Management Plan
Bendire's Thrasher	10	Page 826
Big Morongo Canyon	11	Page 835
Brisbane Valley Monkey Flower	15	Page 846
Carbonate Endemic Plants Research Natural Area	21	Page 856
Chuckwalla	28	Colorado Desert Subregion
Chuckwalla to Chemehuevi Tortoise Linkage	29	Colorado Desert Subregion
Dagget Ridge Monkey Flower	39	Page 866
Granite Mountain Wildlife Linkage	50	Page 876
Juniper Flats Cultural Area	59	Page 883
Mojave Fishhook Cactus	73	West Desert and Eastern Slopes Subregion
Mojave Fringe-toed Lizard	74	South Mojave-Amboy Subregion
Northern Lucerne Wildlife Linkage	80	Page 893
Old Woman Springs Wildlife Linkage	83	Page 901
Ord-Rodman	84	Page 910
Pinto Mountains	94	Page 920
Pipes Canyon	95	Page 929
Rodman Mountains Cultural Area	101	Page 936
Santos Manuel	108	South Mojave-Amboy Subregion
Soggy Dry Lake Creosote Rings	115	Page 946
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Bendire's Thrasher

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: This ACEC currently exists in four locations. Three of the locations are within other management units, one in the Jawbone ACEC, one in the Coolgardie Mesa ACEC, and one within Joshua Tree National Park. Under all DRECP alternatives, to resolve this dual designation issue, these three units would be subsumed into the management of overarching ACECs or the Park as appropriate. Only the fourth unit, the North of Lucerne Unit, would remain an ACEC under all alternatives. The North of Lucerne Unit is located west of Hwy 247 approximately 8 miles north of Lucerne Valley and encompasses 9,805 acres within an 11,440 acre polygon of habitat occupied by Bendire's Thrasher.

Nationally Significant Values:

Ecological: Under alternatives where NLCS lands are designated north and south of this unit, this area provided important connectivity for wildlife and maintains landscape integrity. This area protects a unique disjunct population of Bendire's Thrasher.

Under the preferred alternative, it is not proposed for NLCS designation.

Special Designations/Management Plan/Date: Original ACEC designation in 2006 WEMO plan.

Relevance and Importance Criteria: Provides habitat for a disjunctive population of Bendire's Thrasher. Some areas within the ACEC provide a combination of meteorological, geological, hydrological, topographical features that have been identified as important climate refugia (slow/minimized climate changes) for wildlife species.

Recreation Area: This unit overlaps with Stoddard/Johnson SRMA.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

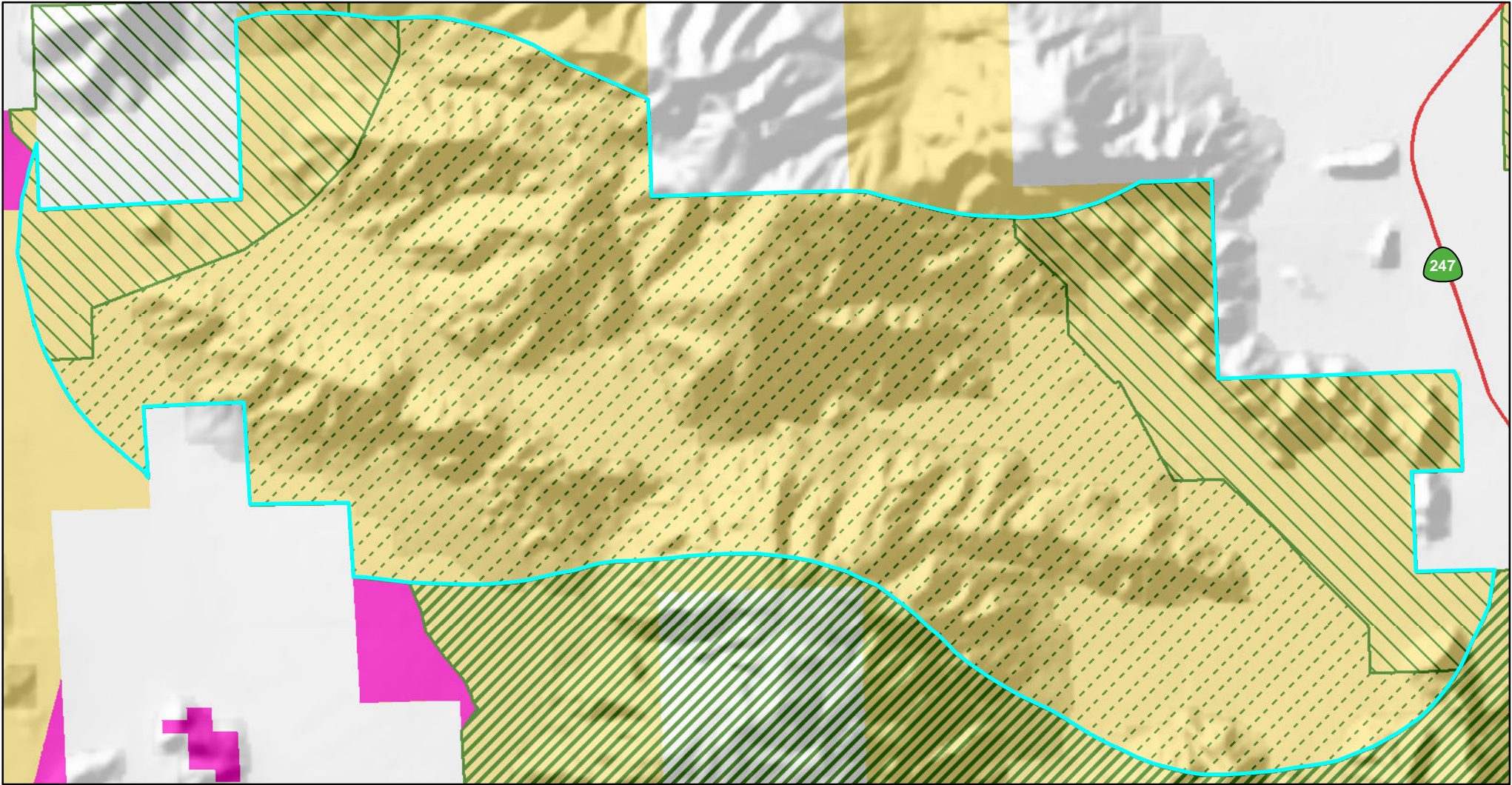
Designation and Acreage by Alternative:

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	11,700	0	NA
Preferred Alternative	0	9,780	0	0.5, 1%
1	8,100	11,700	0	0.5, 1%
2	11,700	11,700	0	0.5, 1%
3	1,900	11,700	0	0.5, 1%
4	11,700	11,700	0	0.5, 1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect Bendire’s Thrasher breeding habitat Allowed Use: Vegetation harvesting is prohibited Management Action: Maintain prohibition of vegetation harvesting, in particular yucca species</p>	Vegetation Including special status species
<p>Objective: Maintain and expand Bendire’s thrasher populations Management Actions: Monitor periodically population numbers and habitat disturbance in conservation area. If surveys show presence of significant numbers of birds and undisturbed habitat, then consider addition of a conservation area near Yucca Valley.</p>	Fish and Wildlife Including special status species
<p>Objective 1: Protect biodiversity and manage for resilience (protect climate refugia and provide for migration corridors).</p> <p>Management Action 1: Prioritize habitat enhancement in areas expected to provide for the greatest level of resiliency (good response or rehabilitation results after significant disturbance such as fire) and or resistance to change (e.g. climate refugia).</p> <p>Management Action 2: Consider actions that enhance the primary productivity of climate refugia with native species restoration, reduced soil surface disturbance, and habitat infrastructure to increase carrying capacity of refugia (e.g., wetland, oasis).</p> <p>Management Action 3: Maintain migration corridor integrity by minimizing obstructions (fences, roads), disturbances (limiting access to water and shade</p>	Climate Change and Adaptation

<p>during peak temperatures) and habitat fragmentation.</p> <p>Objective 2: Maintain and or enhance key ecosystem processes (e.g., carbon sequestration, water residence time) and prepare and respond to significant disturbances to the environment (e.g. floods).</p> <p>Management Action 1: Develop proactive and responsive management actions for potentially dangerous and damaging disturbances to the environment, which are exacerbated by climate change (e.g. wildfire, flash floods, etc.).</p> <p>Management Action 2: Minimize carbon sequestration losses from management activities by reducing impacts to vegetation, soil structure and soil biota.</p> <p>Management Action 3: Leverage disturbance events and other landscape changes, when possible, as opportunities to assess climate adaptation actions. For example, revegetation objectives for projected climate scenarios benefiting multiple ecosystem services (habitat and carbon sequestration objectives).</p>	
<p>Objective: Limit disturbance of breeding Bendire’s Thrasher from vehicle traffic Allowable Use: Vehicle use limited to designated roads and trail. Management Action: Route designation will integrate protection of Bendire’s Thrasher</p>	<p>Trails and Travel Management</p>
<p>Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.</p>	<p>Land Tenure</p>
<p>Objective: Minimize Bendire’s Thrasher breeding habitat loss associated with ROWs Allowed Use: Right-of-way exclusion area</p>	<p>Rights of Way (ROW)</p>
<p>Objective: Maintain integrity of large blocks of habitat Allowable Uses: Not an allowable use - Renewable energy development is not compatible with NLCS and ACEC unit values and criteria Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>



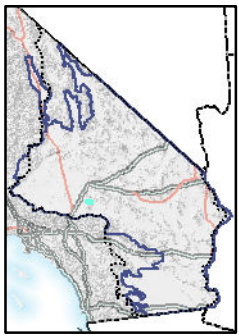
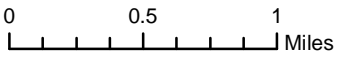
Conservation Footprint

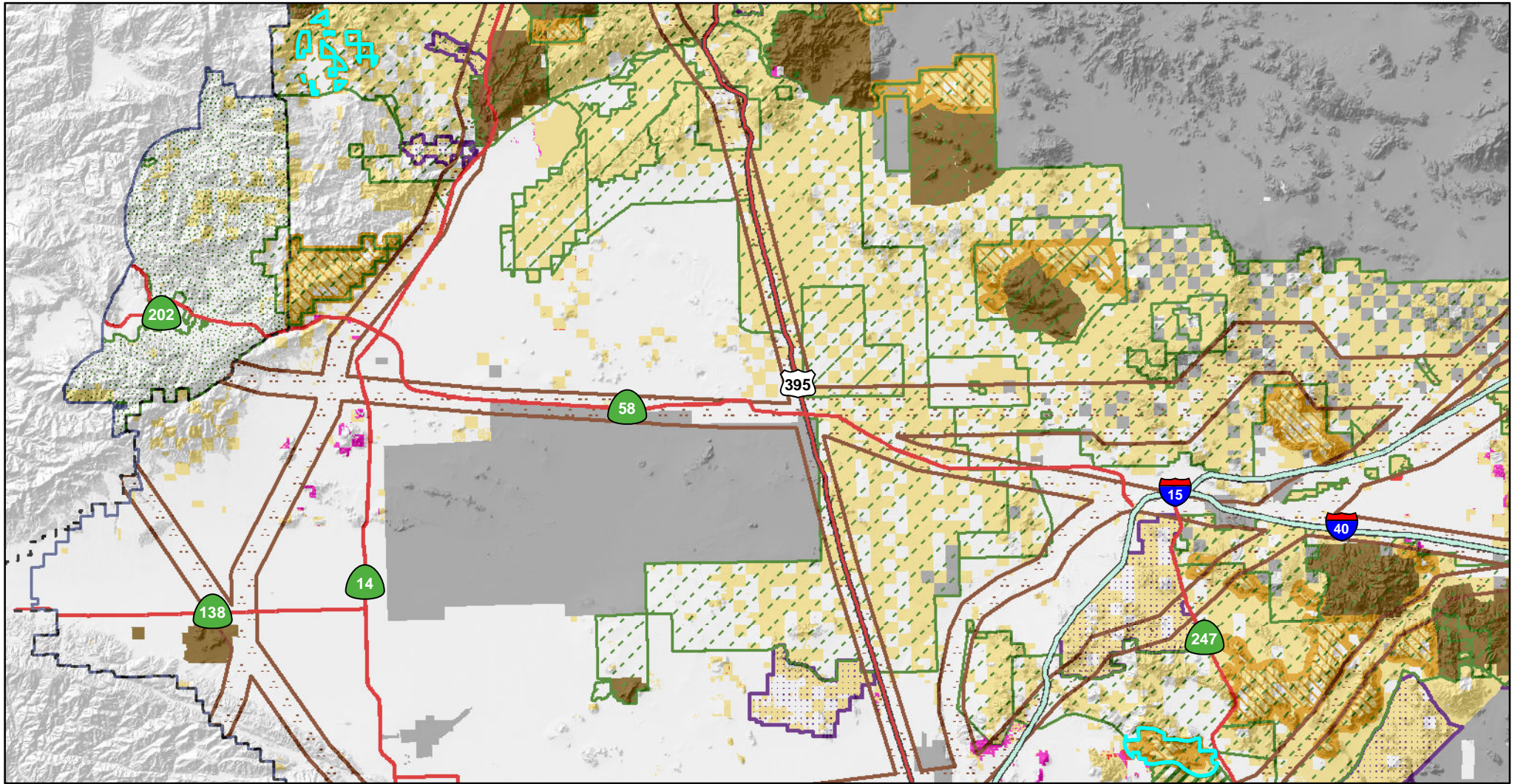
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|-----------------------|----------------------------|---------------------------|
| ACEC Boundaries | DRECP Boundary | Land Status |
| 0.25% Disturbance Cap | CDCA Boundary | Bureau of Land Management |
| 0.5% Disturbance Cap | Renewable Footprint | |
| 1% Disturbance Cap | Development Focus Areas | |

Bendire's Thrasher

9/1/2015

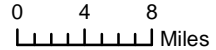
Draft Map Boundaries Subject to Change





Conservation Footprint

- Legislatively & Legally Protected Areas
- National Conservation Lands
- ACEC Boundaries**
- 0.25% Disturbance Cap
- 1% Disturbance Cap
- Wildlife Allocation
- DRECP Boundary
- CDCA Boundary
- OHV Boundary
- Transmission Corridor



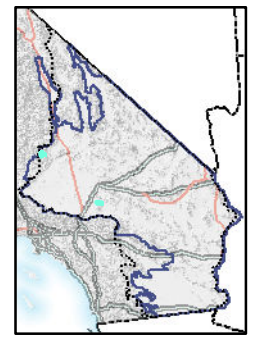
- Land Status**
- Bureau of Land Management
 - Department of Defense

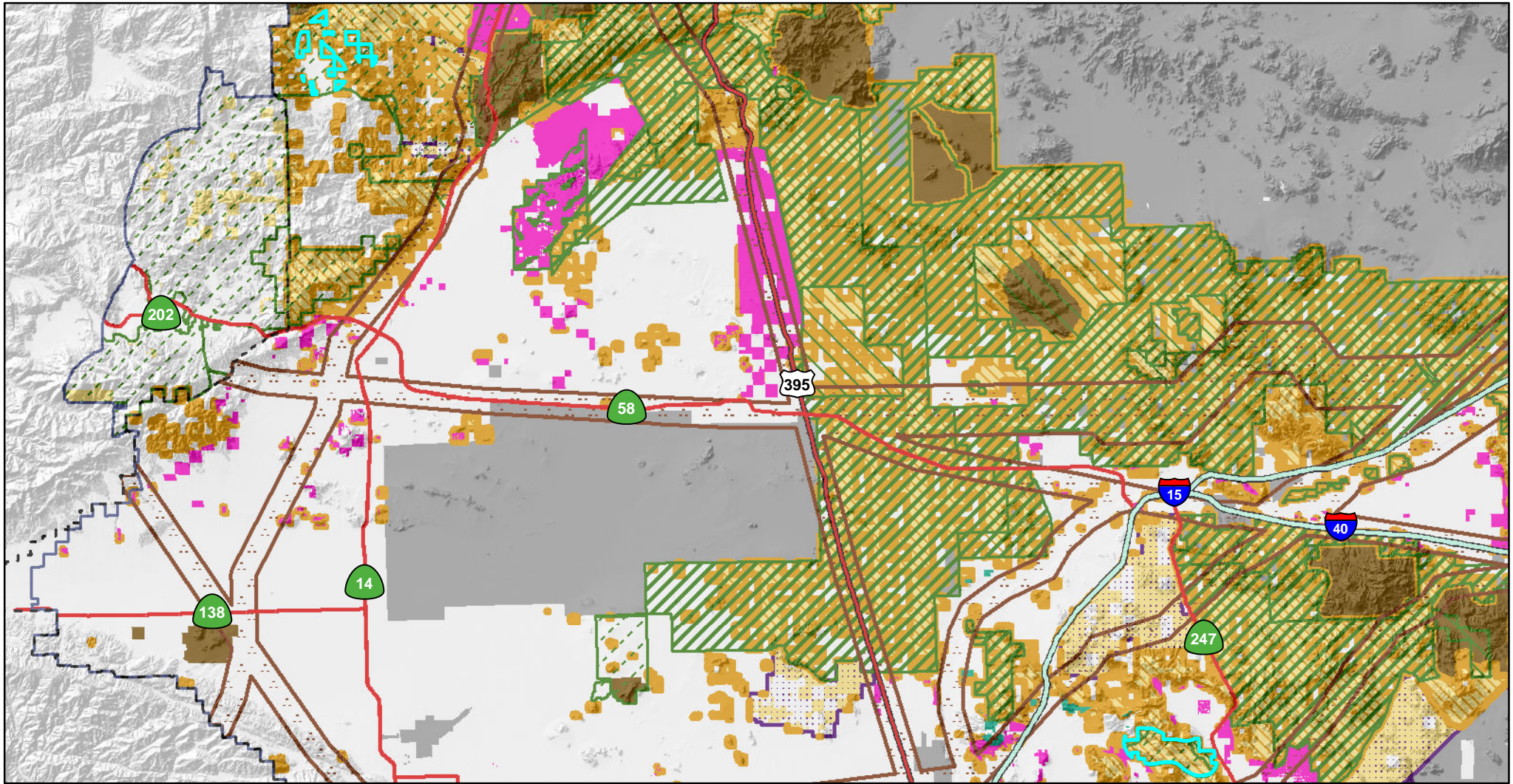
- Renewable Footprint**
- Development Focus Areas
 - Variance Lands

**Bendire's Thrasher
Alternative 1**

8/25/2015

Draft Map Boundaries Subject to Change

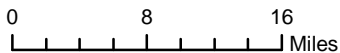




Conservation Footprint

- | | |
|---|----------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary |
| National Conservation Lands | CDCA Boundary |
| ACEC Boundaries | Transmission Corridor |
| 0.1% Disturbance Cap | OHV Boundary |
| 0.25% Disturbance Cap | Renewable Footprint |
| 0.5% Disturbance Cap | Development Focus Areas |
| 1% Disturbance Cap | Future Assessment Areas |

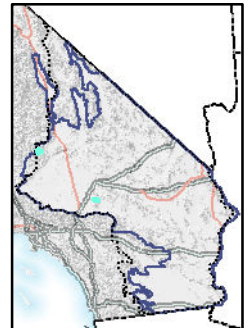
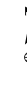
- Land Status**
- | |
|---------------------------|
| Bureau of Land Management |
| Department of Defense |

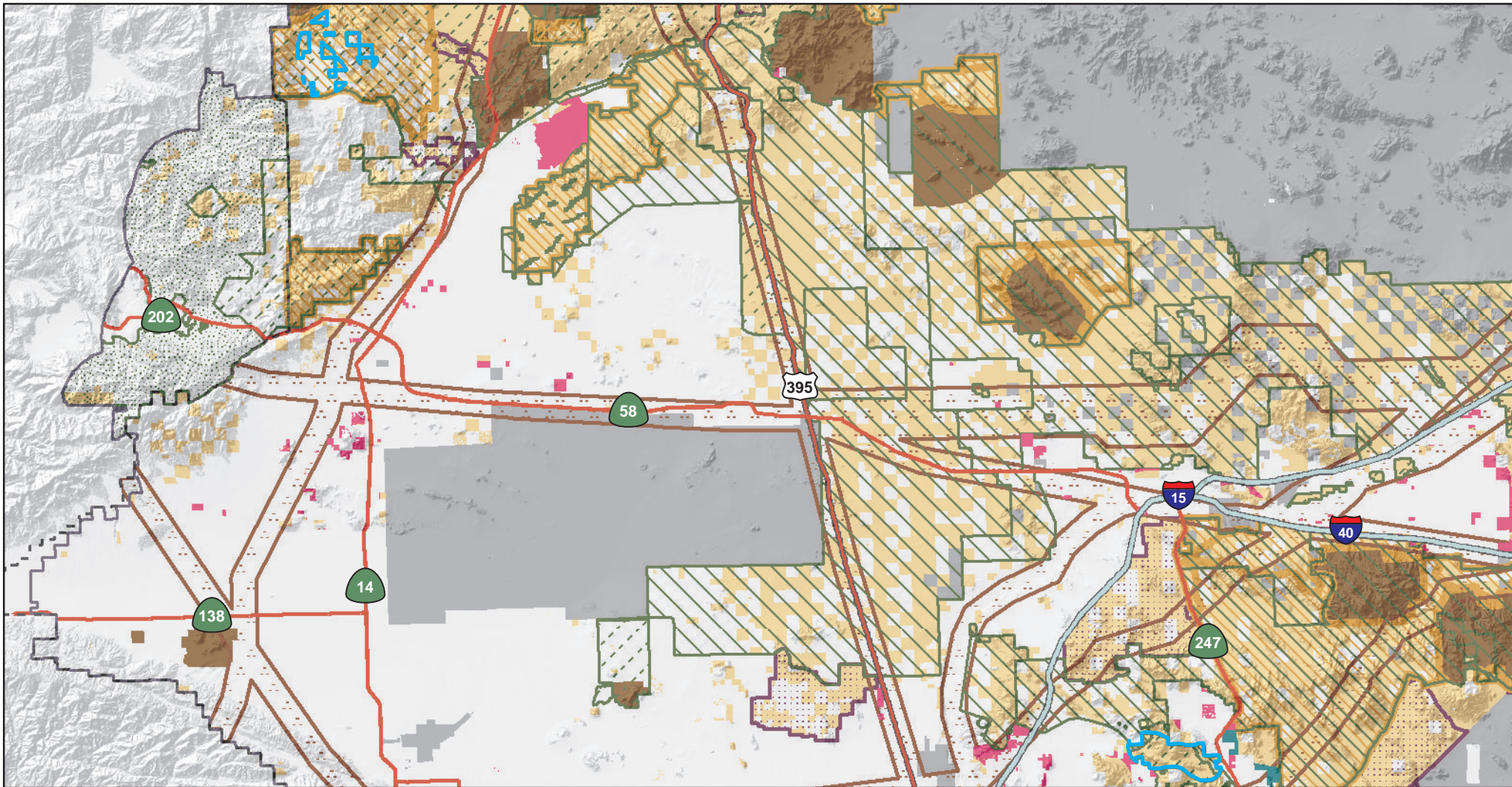


**Bendire's Thrasher
Alternative 2**













8/26/2015



Draft Map Boundaries Subject to Change

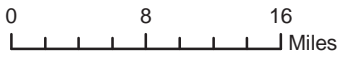




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.1% Disturbance Cap
-  0.5% Disturbance Cap
-  1% Disturbance Cap
-  Wildlife Allocation
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas
-  Future Assessment Areas

- Land Status**
-  Bureau of Land Management
 -  Department of Defense

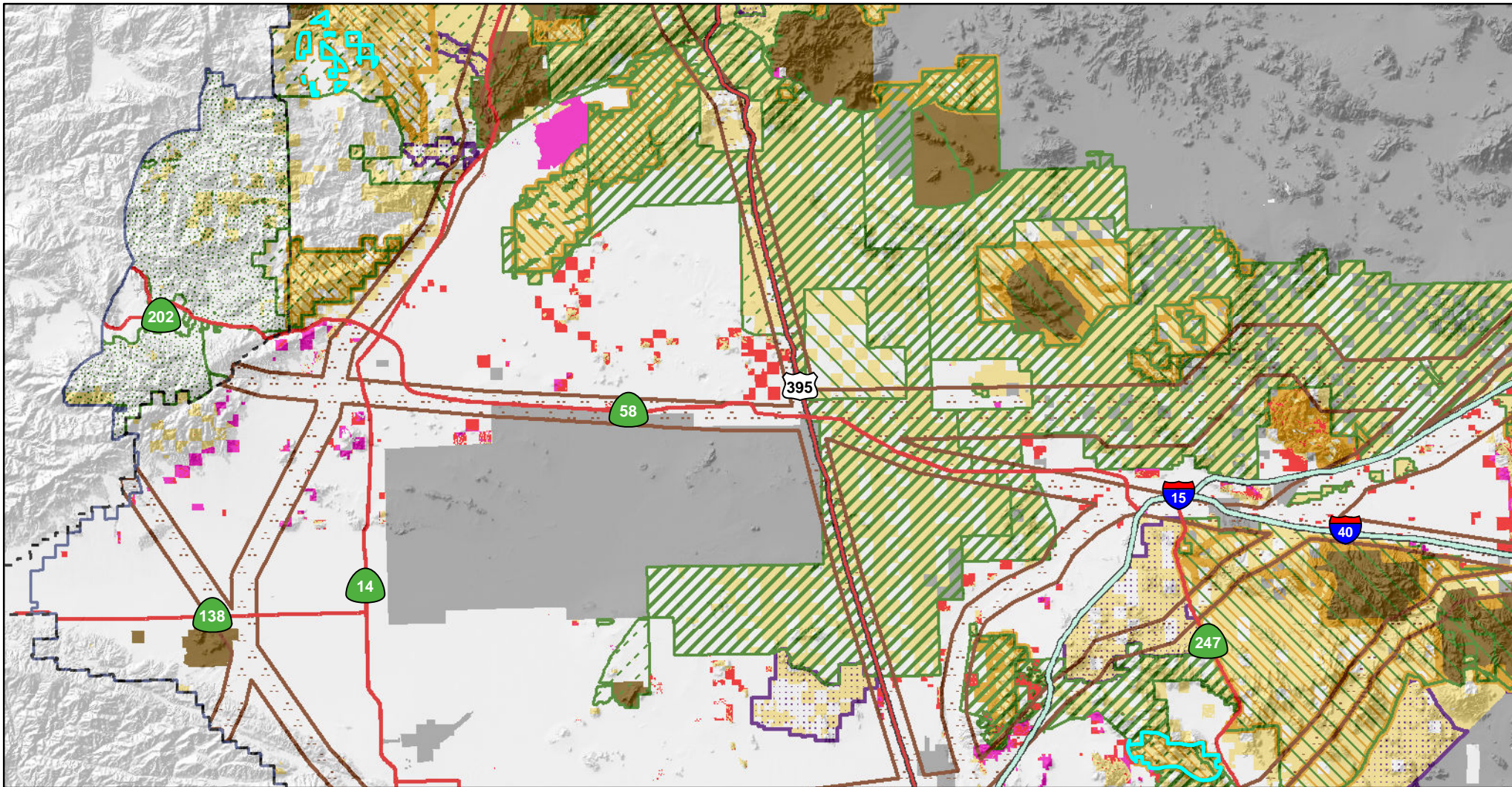


**Bendire's Thrasher
Alternative 3**

8/26/2015

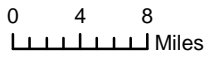
Draft Map Boundaries Subject to Change





Conservation Footprint

- Legislatively & Legally Protected Areas
- National Conservation Lands
- DRECP Boundary
- 0.1% Disturbance Cap
- 0.25% Disturbance Cap
- 0.5% Disturbance Cap
- 1% Disturbance Cap
- Wildlife Allocation
- CDCA Boundary
- OHV Boundary
- Transmission Corridor

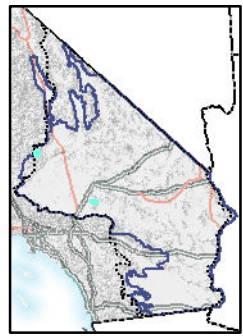


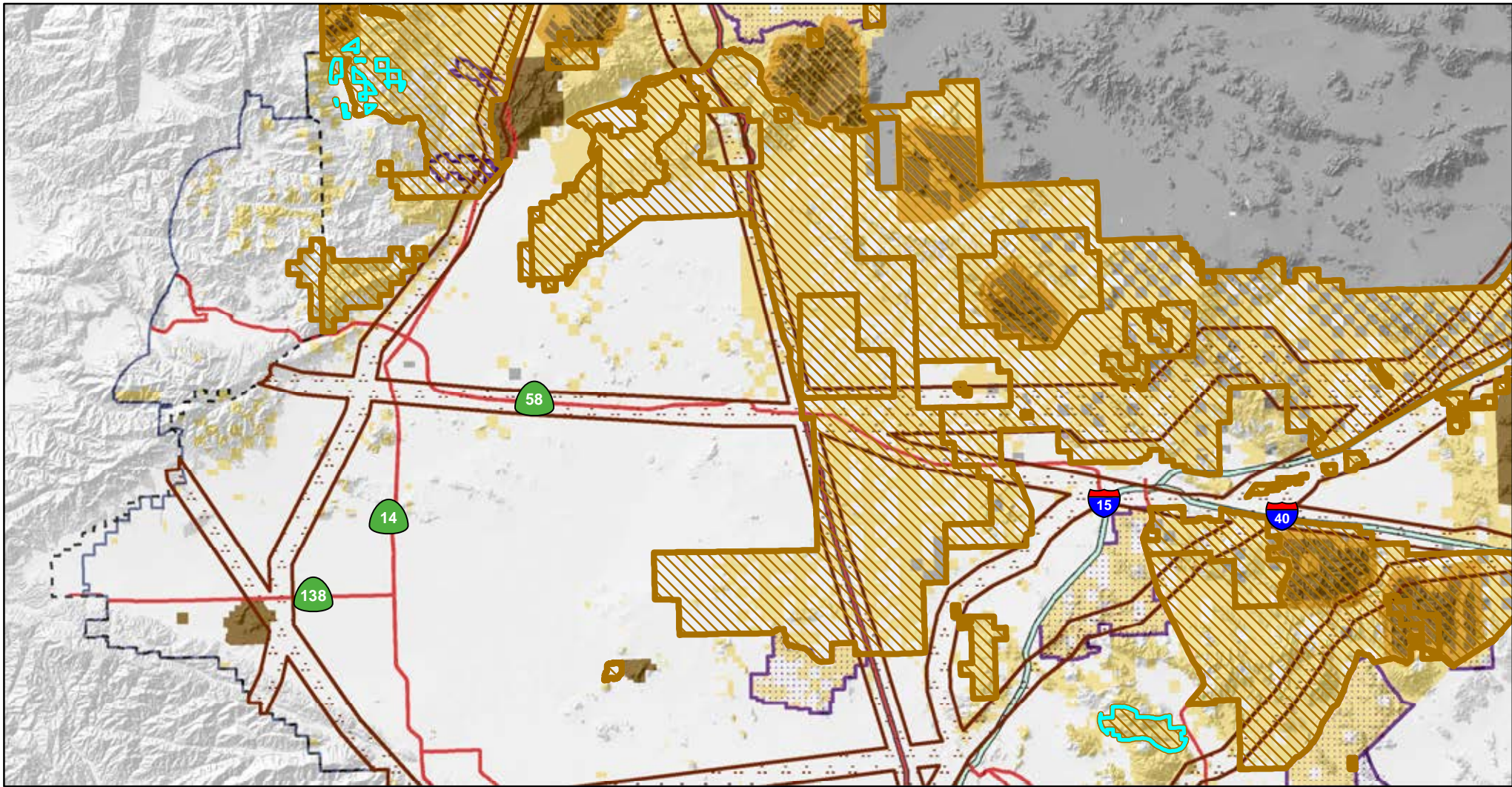
- Renewable Footprint**
- Development Focus Areas
 - Variance Lands
- Land Status**
- Bureau of Land Management
 - Department of Defense

**Bendire's Thrasher
Alternative 4**

8/27/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

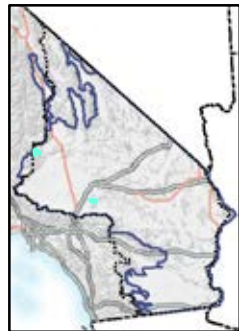
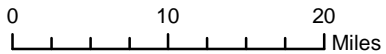
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|-----------------------|---|---------------------------|
| Existing ACEC | National Conservation Lands | Land Status |
| Transmission Corridor | OHV Boundary | Bureau of Land Management |
| CDCA Boundary | Legislatively & Legally Protected Areas | Department of Defense |
| DRECP Boundary | | |

Bendire's Thrasher

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Big Morongo Canyon

National Conservation Lands Ecoregion: Coachella Valley and Pinto Lucerne Valley and Eastern Slopes

Description/Location: The Big Morongo Canyon Preserve is located in the Little San Bernardino Mountains adjoining the west boundary of Joshua Tree National Park. The Preserve is south of the town of Morongo Valley and north of Desert Hot Springs in both San Bernardino and Riverside Counties. The Preserve encompasses over 30,000 acres of public lands and 240 acres of San Bernardino County Regional Park lands. The Preserve is within both the Coachella Valley and Pinto, Lucerne Valley, and Eastern Slopes DRECP subareas.

Nationally Significant Values

Ecological Values: Nestled within the western extension of the Little San Bernardino Mountains, the 31,000-acre Big Morongo Canyon Preserve and ACEC is managed by BLM to preserve its outstanding natural and scenic values as well as recreational opportunities within a preserve environment. This area is characterized by steep canyons, rugged terrain and a desert oasis. The area is especially high in natural diversity due to its location at the intersection of Coastal Californian, Sonoran/Colorado Desert, and Mojave Desert ecosystems.

The Preserve contains six distinct plant communities supporting diverse animal and plant life. The centerpiece of the Preserve is Big Morongo Marsh, one of the few cottonwood oases in the California Desert forming one of the 10 largest blocks of Mojave Riparian Forest, consisting of Fremont cottonwood, willow, and mesquite. An extensive mesquite bosque threads through Little Morongo Canyon. Other wetland habitats include a California fan palm (*Washingtonia filifera*) oasis.

The Audubon Society, the American Bird Conservancy, the American Birding Association, and the Watchable Wildlife National Program designate the Preserve as an Important Bird Area and as one of the most important avian habitat areas in California. The National Geographic Guide to Bird Watching Sites features Big Morongo Preserve prominently. With more than 247 bird species recorded in the Preserve and with at least 72 resident breeding species, the Preserve draw visitors worldwide for astounding bird watching opportunities. A large number of protected species are present including: Least Bell's vireo (*Vireo bellii pusillus*) (Federally endangered), Southwestern willow flycatcher (*Empidonax traillii extimus*) (Federally endangered), Agassiz's Desert Tortoise (*Gopherus agassizi*) (Federally threatened), Desert bighorn sheep (*Ovis canadensis*) (BLM sensitive), Lucy's Warbler (*Oreothlypis luciae*) (BLM sensitive), Pallid Bat (BLM sensitive) (*Antrozous pallidus*), Golden Eagle (*Aquila chrysaetos*) (BLM sensitive), Coast Horned Lizard (*Phrynosoma blainvillii*) (BLM Sensitive), Latimer's Woodland Gilia (*Saltugilia latimeri*) (BLM sensitive), and Triple-ribbed milkvetch (*Astragalus tricarinatus*) (Federally endangered).

Cultural Values: Significant cultural and historic values are associated with Big Morongo Canyon. The Morongo Preserve was the site of a large (>10 acre) historic "*Maringa*" (Morongo) Native American Serrano permanent settlement. The site, CA SBR-561, is a large residential site with a continuous, dependable source of water. The valuable biotic resource assemblage that the water attracted, provided for ample food and manufacturing materials to support the view of it being a permanent *Maringa* Serrano residence for a long span of time. Present on the site are bedrock mortars, several types of ceramic wares, lithic tool stone debitage and numerous late period projectile points. Human remains were discovered on the site in 1994 that were not cremated, suggesting a greater age of the site since Serrano traditionally cremated their deceased in historic and ethnographic times. Little is known of the archaeological site, since no known ethnographic or historic accounts exist. The Serrano people who occupied this site had long before either

left the area during the mission period, joining and merging with the populations of Cahuilla to the south and west on reservation lands, or had succumbed to European introduced diseases long before. As of 2013, no organized excavations have been conducted on this site, however, vandalism and indiscriminant looting has been reported in the past. It is likely that the reported evidence of looting was from actions that occurred before the preserve was occupied and monitored by the present management administration. There remains a strong likelihood that a wide-spread and significant sub-surface archaeological deposit is still present. This cultural resource likely retains important knowledge that could add significantly to the archaeological record and provide valuable new knowledge to the descendants of the *Maringa* Serrano. The historic account of Willie Boy (1881-1909) took place in the Morongo Canyon area and vicinity and is the story-base behind the film "Tell Them Willie Boy Was Here" The film's story revolves around an Indian outlaw, Willie Boy, who escapes arrest with his lover, after killing her father in self-defense. The chase and eventual suicide of Willie Boy unfold as the west's last famous manhunt.

Scientific Values: The Big Morongo Canyon Preserve has high scientific, research, and education values associated with ecological diversity and its proximity to the Southern California urban areas. It provides outstanding opportunities for scientific research in many disciplines including wildlife diversity, ecosystem functionality and resiliency, riparian response to human influence, etc. The University of California and other institutions conduct ongoing research studies on fire regimes of Southern California and seismic activity. The potential archaeological values here are very important to scientific knowledge due to the lack of any ethno-historic information of the peoples who once occupied the area. It is believed that a closely related group – also referred to as *Moringa*, occupied the Twenty-nine Palms area. The Preserve boasts an extensive network of citizen supporters and partners that promote education and interpretation programs. It provides docents and junior docent programs for extensive educational purposes.

Special Designations/Management Plan/Date: ACEC Plan No. 50, Amended 08/07/1996

Relevance and Importance Criteria:

Biological: The Preserve contains six distinct plant communities supporting diverse animal and plant life. The area is considered an important Bird Area with more than 247 bird species recorded in the Preserve and with at least 72 resident breeding species. The marsh and wetlands are considered a critical water source for many species such as Desert bighorn sheep and mule deer. Some areas within the ACEC provide a combination of meteorological, geological, hydrological, and topographical features that have been identified as important climate refugia (slow/minimized climate changes) for wildlife species.

Cultural: The Morongo Preserve was the site of a large (>10 acre) historic "*Maringa*" (Morongo) Native American Serrano permanent settlement. Present on the site are bedrock mortars, several types of ceramic wares, lithic tool stone debitage and numerous late period projectile points.

Recreation Area: This unit overlaps with Sand to Snow SRMA.

Overarching Goals:

Protect biological, riparian and cultural values of an area providing for compatible public uses and ecosystem services (e.g. carbon sequestration).

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:

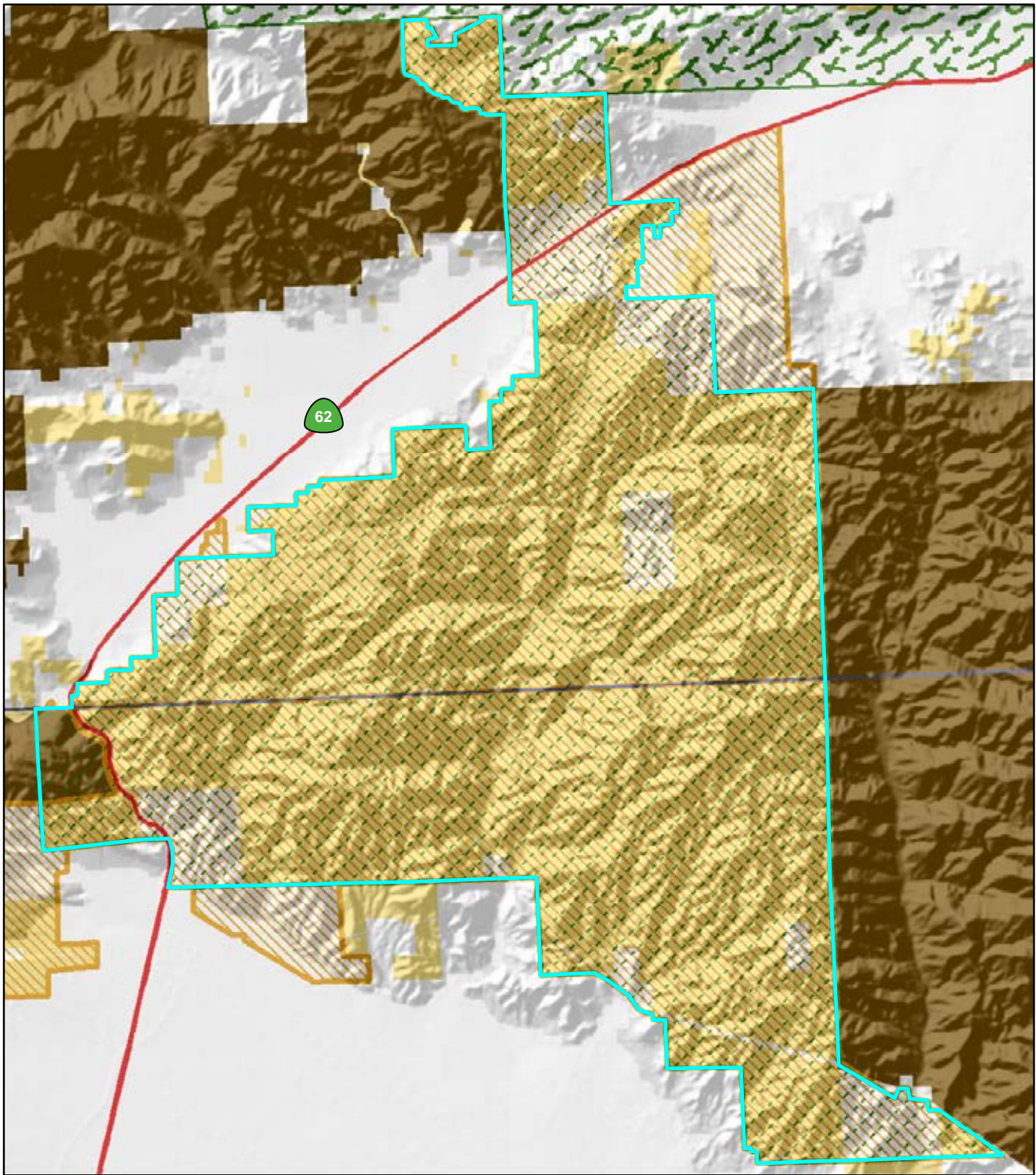
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	24,900	0	NA
Preferred Alternative	24,568	24,936	0	1%
1	24,900	24,900	0	1%
2	24,900	24,900	0	1%
3	24,900	24,900	0	1%
4	24,900	24,900	0	1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions) /Allowable Uses/Management Actions	Resource
Protect soils and water sources by limiting OHV use. Closed to mineral sales and leasing. ROW avoidance area.	Soil, water, air
<p>Special Status Species: Triple-ribbed Milkvetch, Little San Bernardino Mountains Gilia, Latimer’s Woodland Gilia, White-bracted Spineflower.</p> <p>Sensitive Habitats: Mojave Riparian Woodland, Desert Dry Wash Woodland, Freshwater Marsh, Joshua Tree Woodland</p> <p>Objective: Improve native riparian and sensitive habitats Action: Remove tamarisk</p>	Vegetation - Including special status plant species
<p>Special Status Species: Desert Tortoise Desert Bighorn Sheep Mountain Lion Mule Deer Gambel’s Quail Burrowing Owl Least Bell’s vireo Yellow-breasted chat Yellow warbler</p>	Fish and Wildlife - Including special status fish and wildlife species

<p>Objective: maintain plant and animal species diversity and optimize wildlife Action: Provide nest boxes for cavity nesting birds</p>	
<p>Objective 1: Protect biodiversity and manage for resilience (protect climate refugia and provide for migration corridors).</p> <p>Management Action 1: Prioritize habitat enhancement in areas expected to provide for the greatest level of resiliency (good response or rehabilitation results after significant disturbance such as fire) and or resistance to change (e.g. climate refugia).</p> <p>Management Action 2: Consider actions that enhance the primary productivity of climate refugia with native species restoration, reduced soil surface disturbance, and habitat infrastructure to increase carrying capacity of refugia (e.g., wetland, oasis).</p> <p>Management Action 3: Maintain migration corridor integrity by minimizing obstructions (fences, roads), disturbances (limiting access to water and shade during peak temperatures) and habitat fragmentation.</p> <p>Objective 2: Maintain and or enhance key ecosystem processes (e.g., carbon sequestration, water residence time) and prepare and respond to significant disturbances to the environment (e.g. floods).</p> <p>Management Action 1: Develop proactive and responsive management actions for potentially dangerous and damaging disturbances to the environment, which are exacerbated by climate change (e.g. wildfire, flash floods, etc.).</p> <p>Management Action 2: Minimize carbon sequestration losses from management activities by reducing impacts to vegetation, soil structure and soil biota.</p> <p>Management Action 3: Leverage disturbance events and other landscape changes, when possible, as opportunities to assess climate adaptation actions. For example, revegetation objectives for projected climate scenarios benefiting multiple ecosystem services (habitat and carbon sequestration objectives).</p>	<p>Climate Change and Adaptation</p>
<p>Objective: Protect archaeological sites. Action: OHV closed (excluding Kickapoo Trail ROW) See programmatic ACEC cultural resources objective and action items in general cultural resources rules</p>	<p>Cultural Resources</p>
<p>The area is managed as VRM class II</p>	<p>Visual Resources</p>
<p>Objective: Maintain ACEC values and managed as previously designated Allowable Uses: Limit off-highway vehicle use to designated routes, designate Mountain bike and equestrian use as per the local Travel Management plan. Management Action: Designate roads and trails.</p>	<p>Trails and Travel Management</p>

<p>Refer to the Sand to Snow Special Recreation Management Area (SRMA) write-up for detailed objectives, allocations, and management direction</p> <p>Objective: Provide dispersed opportunities focused on enjoyment of the unit qualities,.</p> <p>Allowable uses: Camping in Big Morongo only with authorization Little Morongo: open camping year round Pets allowed in Little Morongo, but only on leash Discharge of firearms prohibited in Big Morongo Legal take of game with firearms allowed in Little Morongo No pets/mountain bikes in Big Morongo Equestrian users must stay on designated trails</p> <p>Actions: Action 1: Install interpretive sign and kiosk inside northern boundary and at south end of canyon as funding allows. Action 2: Coordinate land use programs and objectives with Nature Conservancy and San Bernardino County Regional Parks for adjacent lands</p>	Recreation
<p>Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.</p>	Land Tenure
<p>Objective: Protect resource values of the ACEC Management Action: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.</p>	Rights of Way (ROW)
<p>Closed to renewable energy development Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy
<p>Open to locatable minerals. Recommend withdrawal, based on original plan. Closed to mineral material sales and leasing.</p>	Locatable Minerals Mineral Materials Non-Energy Leasable



Conservation Footprint

- Legislatively & Legally Protected Areas
- National Conservation Lands
- DRECP Boundary
- CDCA Boundary
- Bureau of Land Management

ACEC Boundaries

- 0.1% Disturbance Cap
- 1% Disturbance Cap

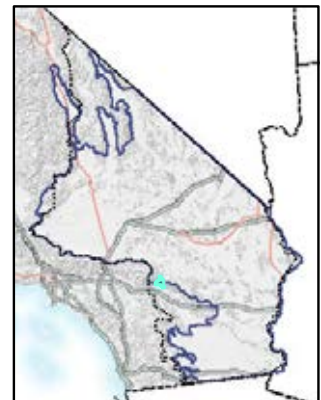
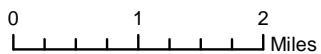
Big Morongo Canyon

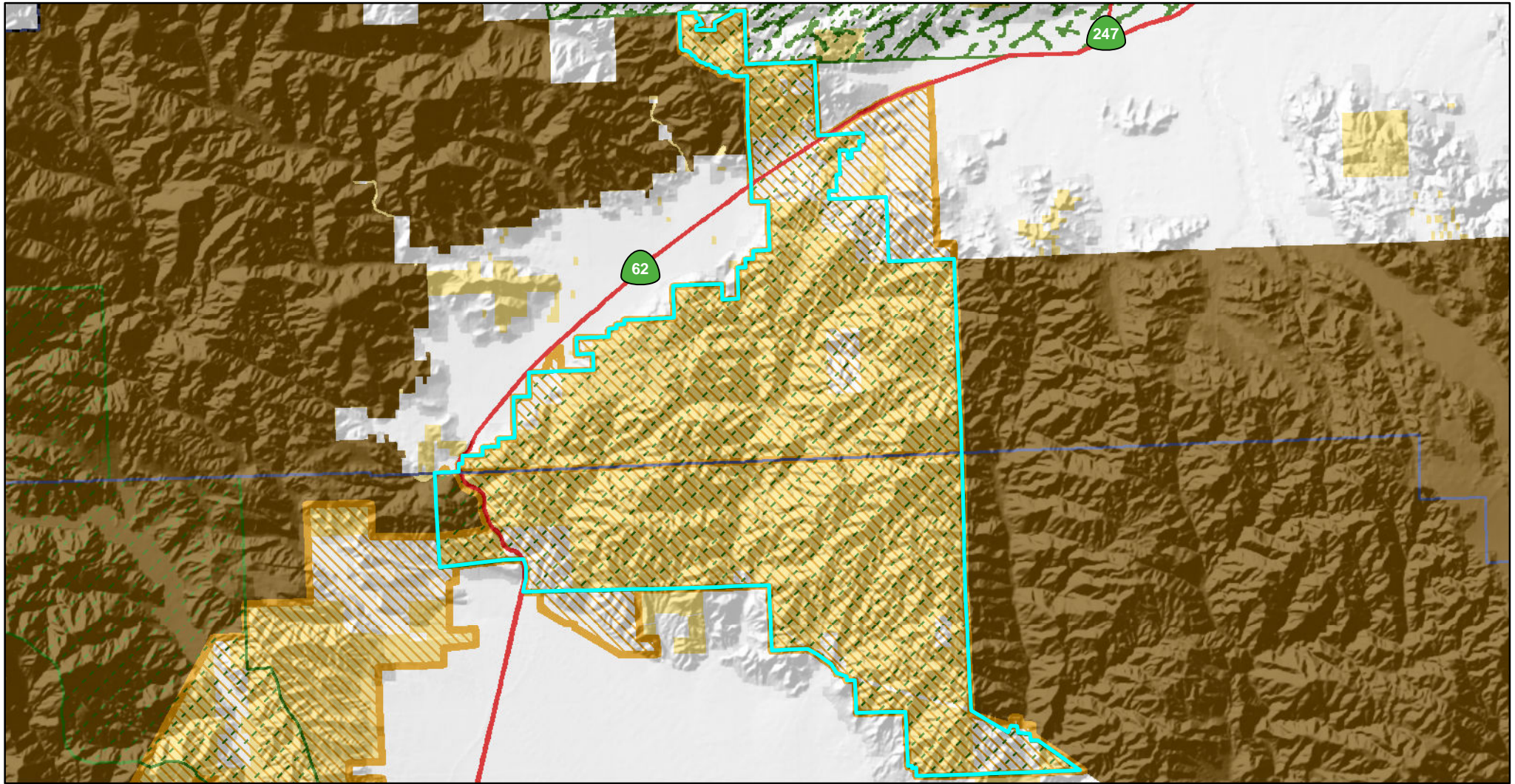


6/25/2015



Draft Map Boundaries Subject to Change





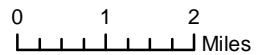


Conservation Footprint

- | | | |
|--|--|---|
|  Legislatively & Legally Protected Areas |  DRECP Boundary | Land Status |
|  National Conservation Lands |  CDCA Boundary |  Bureau of Land Management |

ACEC Boundaries

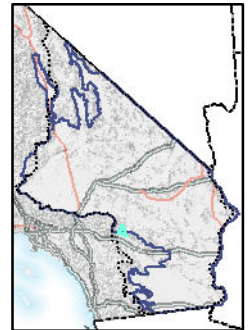
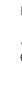
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|---|
|  0.1% Disturbance Cap |
|  1% Disturbance Cap |

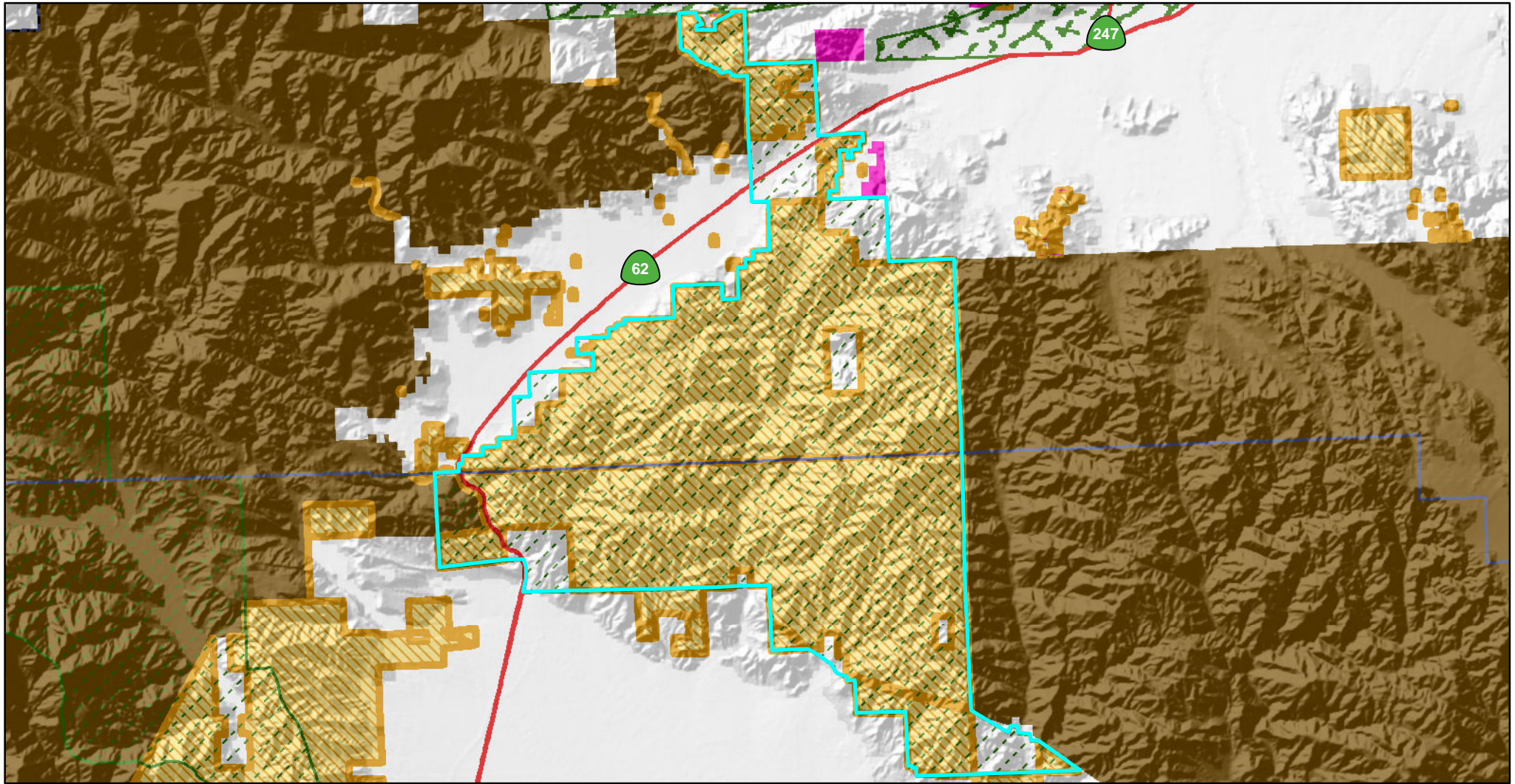


**Big Morongo Canyon
Alternative 1**








8/25/2015


Draft Map Boundaries Subject to Change

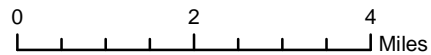




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.1% Disturbance Cap
-  1% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
- Renewable Footprint**
-  Development Focus Areas

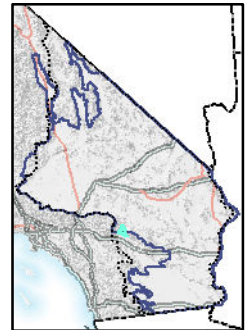
- Land Status**
-  Bureau of Land Management

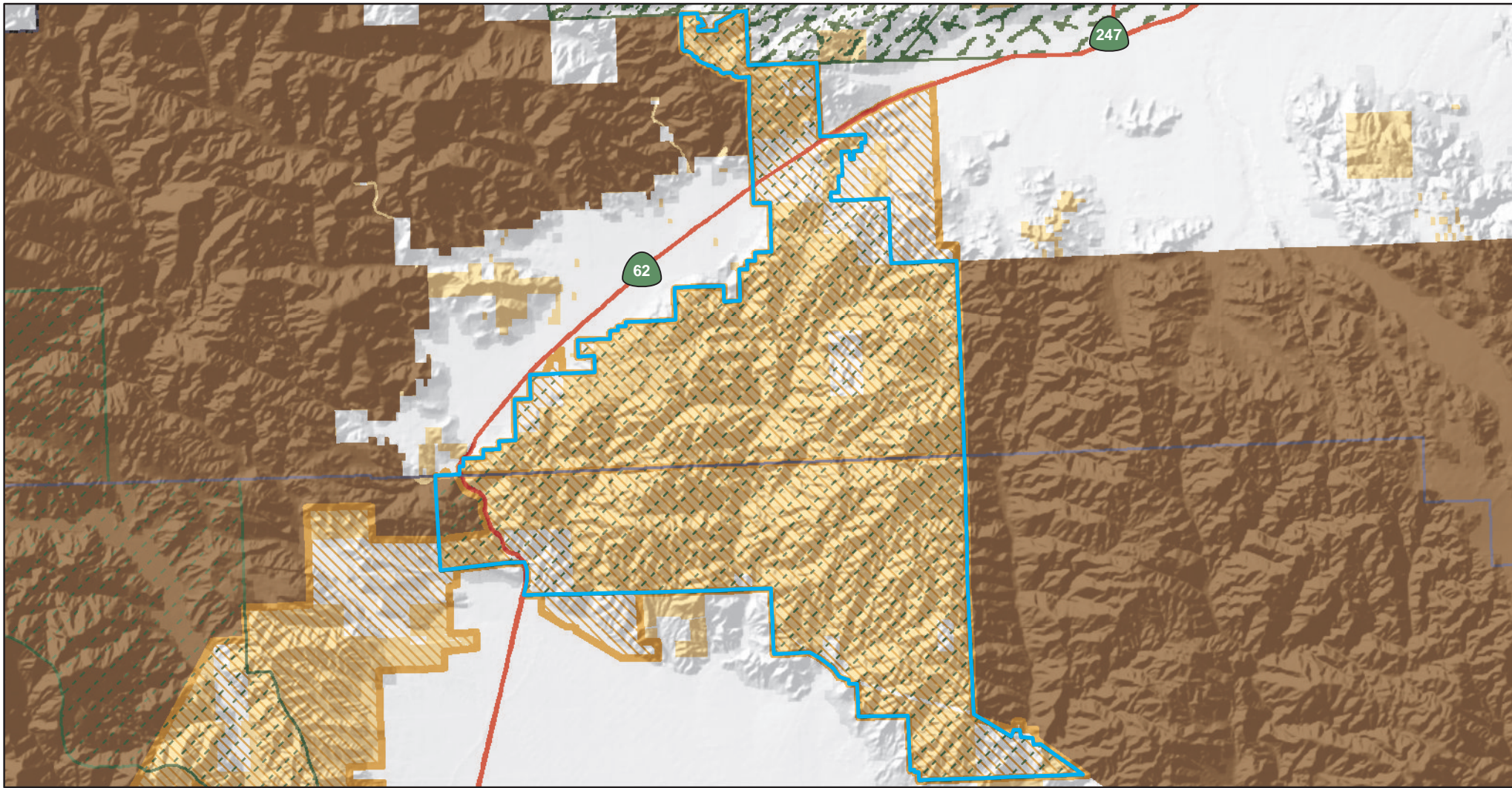


**Big Morongo Canyon
Alternative 2**

8/26/2015

Draft Map Boundaries Subject to Change





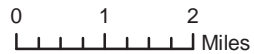


Conservation Footprint

- | | | |
|---|--|---|
|  Legislatively & Legally Protected Areas |  DRECP Boundary | Land Status |
|  National Conservation Lands |  CDCA Boundary |  Bureau of Land Management |

ACEC Boundaries

-  0.1% Disturbance Cap
-  1% Disturbance Cap

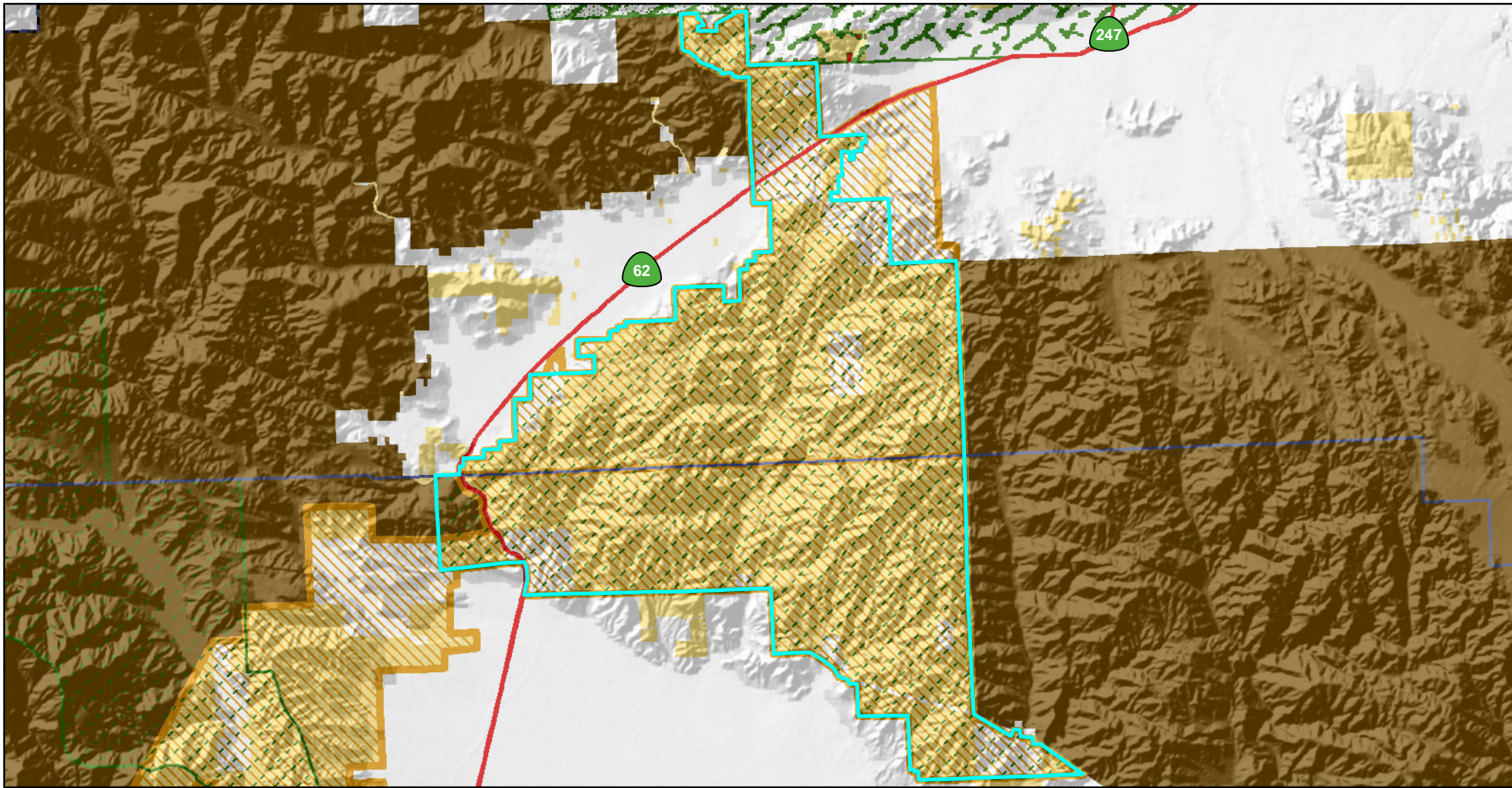


**Big Morongo Canyon
Alternative 3**

8/26/2015

Draft Map Boundaries Subject to Change









Conservation Footprint

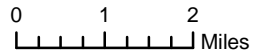
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|---|--|---|
|  National Conservation Lands |  DRECP Boundary | Land Status |
|  Legislatively & Legally Protected Areas |  CDCA Boundary |  Bureau of Land Management |

ACEC Boundaries

-  0.1% Disturbance Cap
-  1% Disturbance Cap
-  Wildlife Allocation

Renewable Footprint

-  Variance Lands

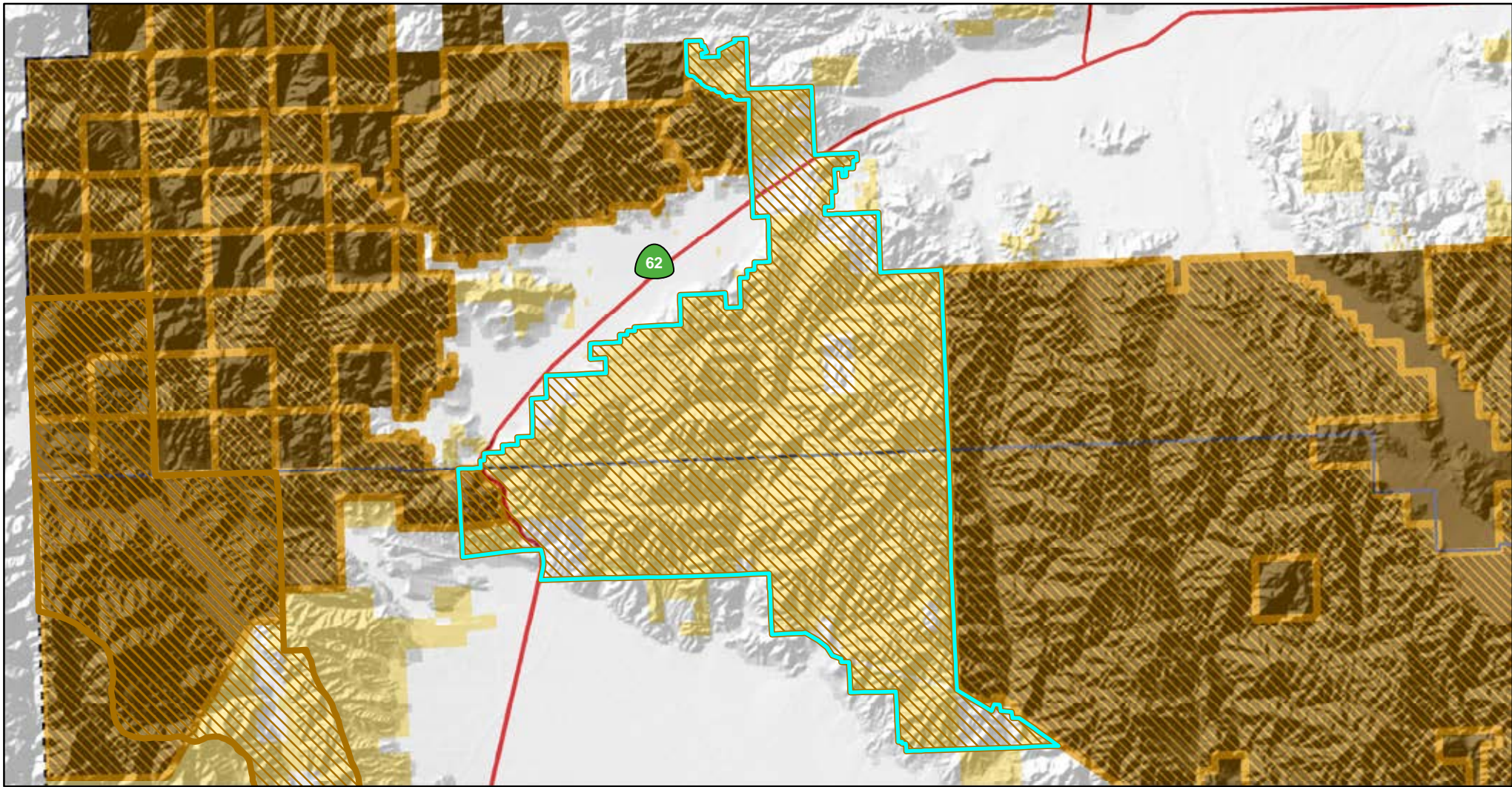


**Big Morongo Canyon
Alternative 4**

8/27/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

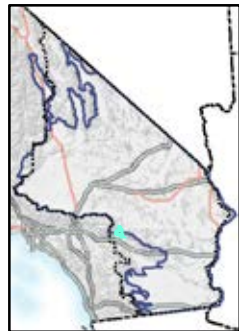
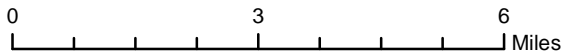
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|----------------|---|---------------------------|
| Existing ACEC | National Conservation Lands | Land Status |
| CDCA Boundary | Legislatively & Legally Protected Areas | Bureau of Land Management |
| DRECP Boundary | | |

Big Morongo Canyon

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Brisbane Valley Mojave Monkeyflower

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes and West Desert and Eastern Slopes

Description/Location : This is one of two units of the Mojave Monkey Flower ACEC. This unit is located west of Interstate 15, approximately 1.5 miles east of the town of Bryman.

Nationally Significant Values: Not proposed for NLCS designation.

Special Designations/Management Plan/Date: ACEC established in 2006 West Mojave Plan

Relevance and Importance Criteria: The area is important for botanical resources and to protect sensitive and restrictive plant species, in particular the Mojave Monkeyflower. The proposed expansion is to capture known populations of the plant that are not currently protected.

Grazing Allotment: This unit overlaps with the Stoddard Mountain Allotment.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

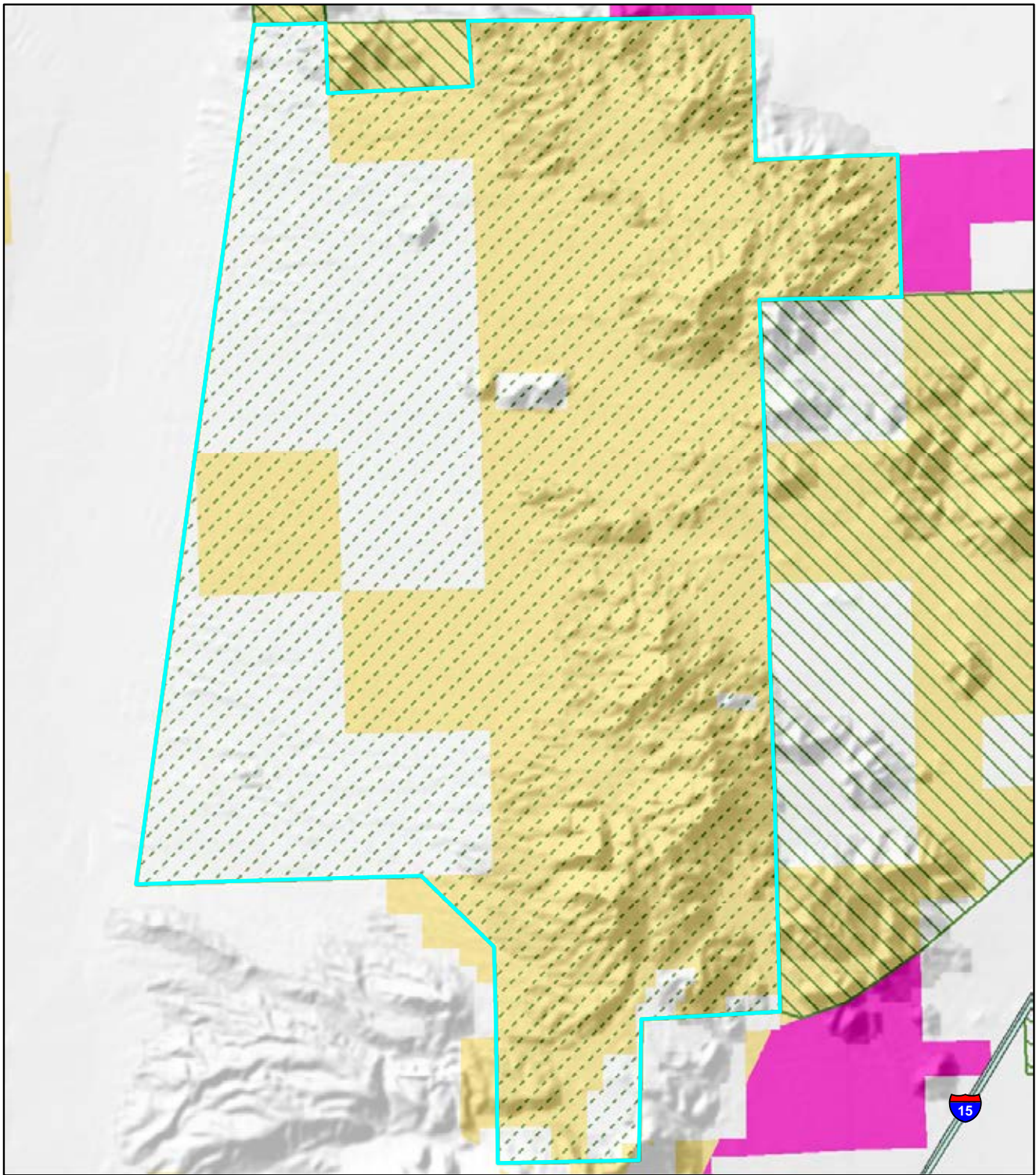
Designation and Acreage by Alternative:

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	0	0	NA
Preferred Alternative	0	11,674	0	1%
1	0	12,700	0	1%
2	10,500	10,500	0	0.25%
3	0	12,700	0	0.5%
4	10,900	11,800	0	0.25%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect the plants and habitat by retaining public lands within the ACEC</p> <p>Management Action: The conservation area will be deleted from the lands available for exchange in the Land Tenure Adjustment program</p>	Soil, water, air
<p>Objective: Protect and enhance Mojave Monkeyflower (<i>Mimulus mohavensis</i>) populations</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Protect viable populations on public land throughout the range • Coordinate with mining companies to protect this species • Establish a core reserve on public land in the Brisbane Valley • Provide site-specific management of occupied habitat on public lands outside the core reserves • Establish a private land mitigation bank 	Vegetation - Including special status species
<p>Objective: Protect intact desert tortoise habitat</p> <p>Management Action: Maintain linkage connection across the ACEC to allow tortoise to move between the Fremont-Kramer and Ord Rodman</p>	Fish and Wildlife - Including special status species
<p>Objective: Protect Mojave Monkeyflower from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Action: Establish no new routes in ACEC</p>	Trails and Travel Management
<p>Objective: Protect plant population by designation of OHV routes through the area</p> <p>Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes</p>	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action: Acquire inholdings, edge holdings and other interests from willing sellers.</p>	Land Tenure
<p>Objective: Protection of the Mohave Monkey flower populations</p> <p>Allocation: Right-of-way exclusion area except in existing utilities corridor</p> <p>Management Action: New utilities locating within the existing corridor will be required to avoid Monkey flower occurrences to the maximum extent practicable and provide mitigation fees for compensation where avoidance is infeasible</p>	Rights of Way (ROW)
<p>Objective: Maintain integrity of large blocks of habitat</p> <p>Allocations:</p> <ul style="list-style-type: none"> • Not an allowable use. Renewable energy development is not compatible 	Renewable Energy

<p>with NLCS and ACEC unit values and criteria</p> <ul style="list-style-type: none"> • ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation. 	
<p>Objective: Protect Mojave Monkey flower from mining activities</p> <p>Management Action: Include stipulations to protect the monkey flower including not disturbing occupied habitat</p>	<p>Locatable Minerals Mineral Materials Non-energy Leasables</p>
<p>Objective: Protect plants and habitat by restricting grazing within the ACEC</p> <p>Management Action: Existing allotments are authorized but do not authorize new allotments or expansion of existing allotments (either in size or increase in number of AMUs), if willing relinquishment, would be made unavailable. A part of this ACEC is within the Stoddard Mountain grazing allotment. Grazing will continue to be authorized in the overlap area and is governed by federal regulations including the achievement of standards and guidelines.</p>	<p>Livestock grazing</p>



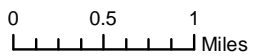
Conservation Footprint

- | | | |
|----------------------|-------------------------|---------------------------|
| ACEC Boundaries | DRECP Boundary | Land Status |
| 0.5% Disturbance Cap | CDCA Boundary | Bureau of Land Management |
| 1% Disturbance Cap | Renewable Footprint | |
| | Development Focus Areas | |

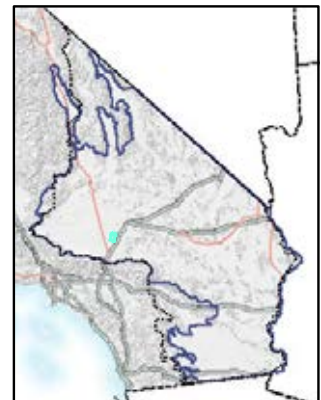
Brisbane Valley Monkey Flower

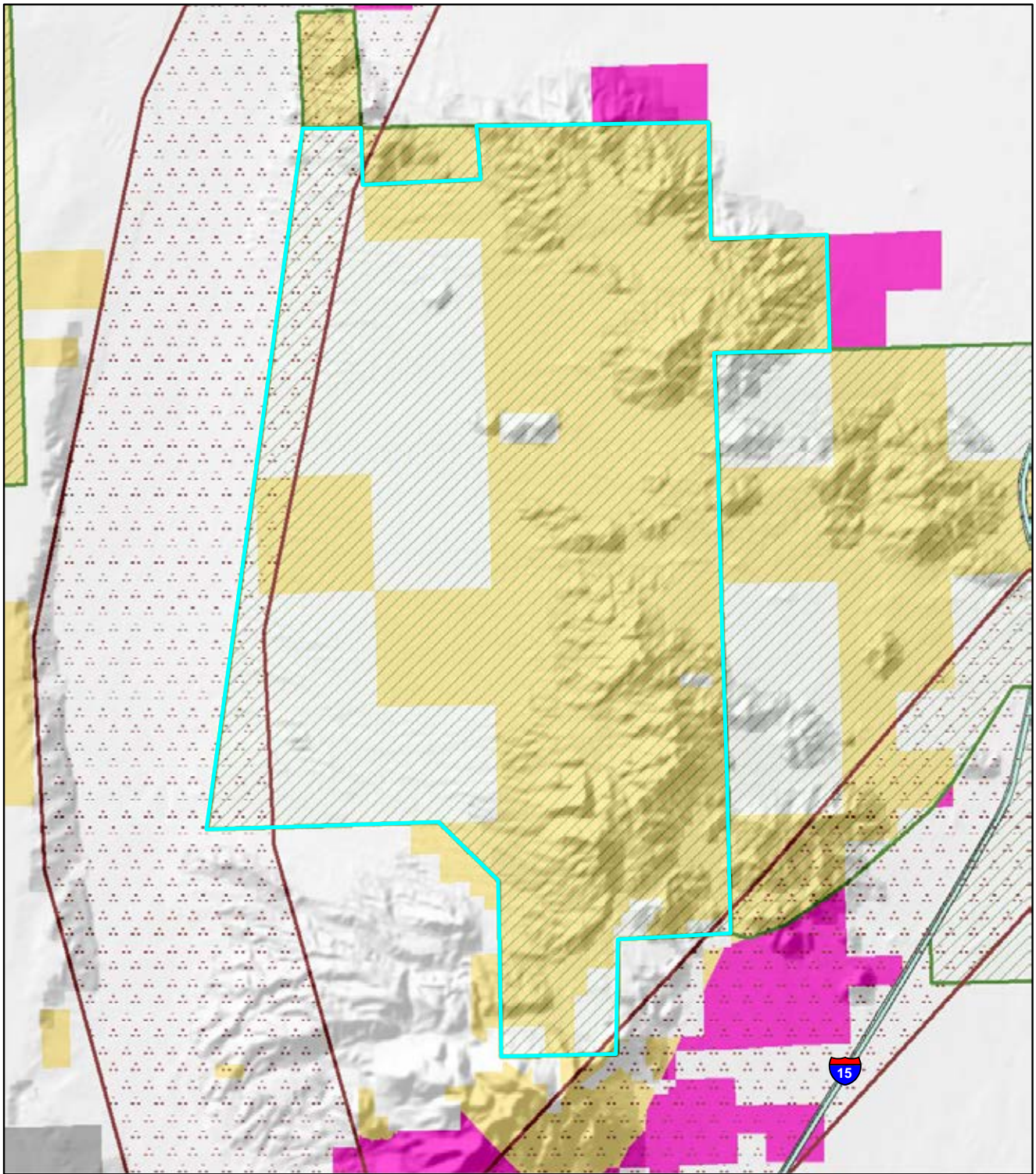


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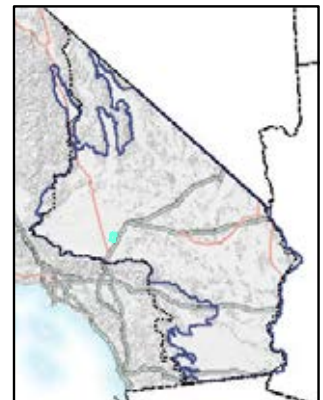
Draft Map Boundaries Subject to Change





Conservation Footprint

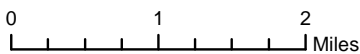
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|----------------------------|-----------------------|---------------------------|
| Proposed ACEC | DRECP Boundary | Land Status |
| Renewable Footprint | CDCA Boundary | Bureau of Land Management |
| Development Focus Areas | Transmission Corridor | Department of Defense |



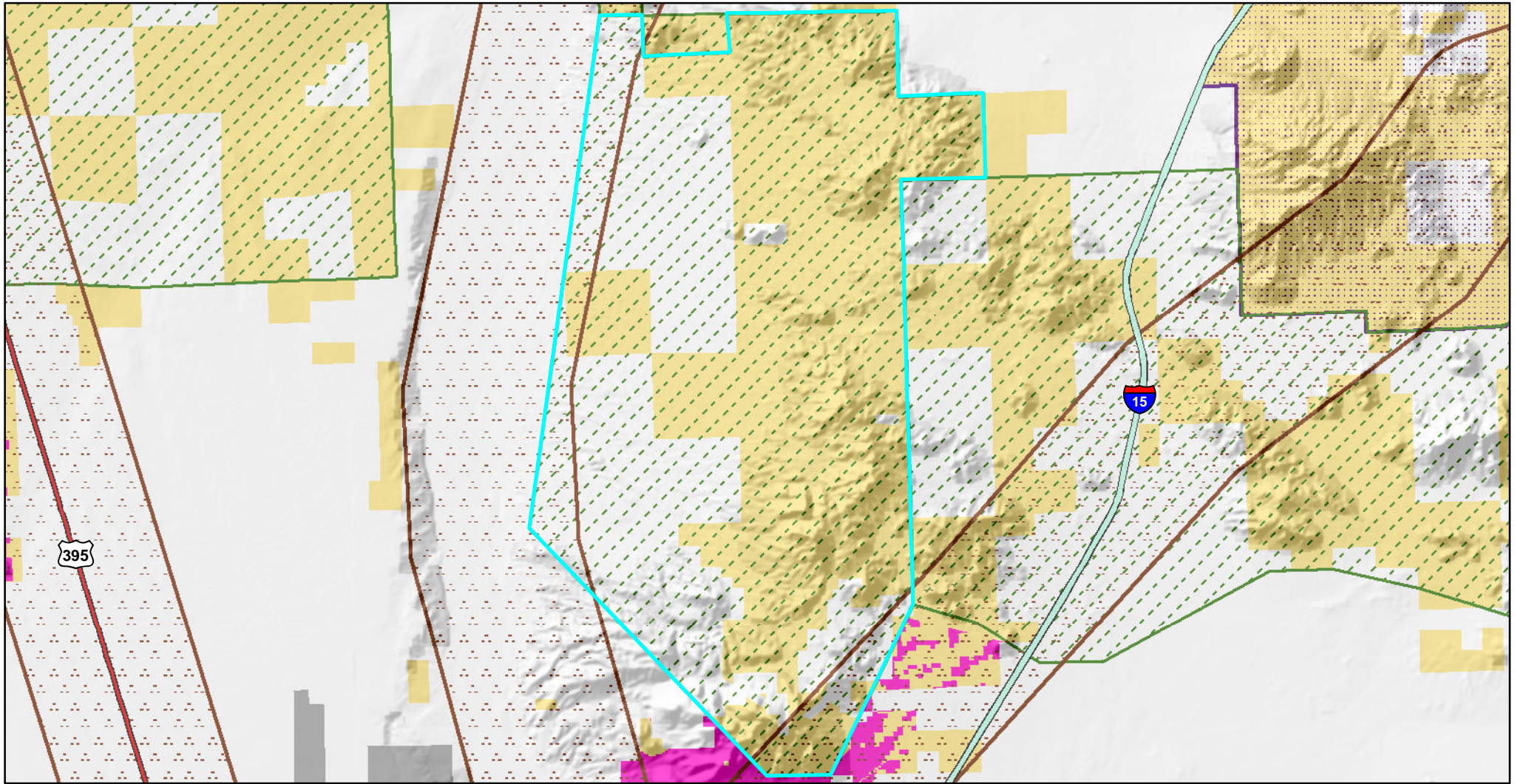
Brisbane Valley Monkey Flower



7/14/2015



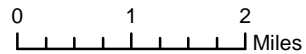
Draft Map Boundaries Subject to Change



Conservation Footprint

- | | | | |
|-----------------|-------------------------|-----------------------|---------------|
| ACEC Boundaries | 1% Disturbance Cap | DRECP Boundary | CDCA Boundary |
| | OHV Boundary | Transmission Corridor | |
| | Development Focus Areas | | |

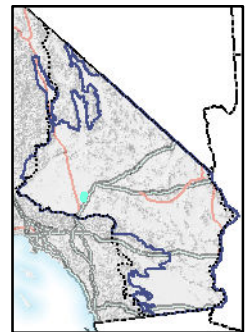
- Land Status**
- Bureau of Land Management
 - Department of Defense

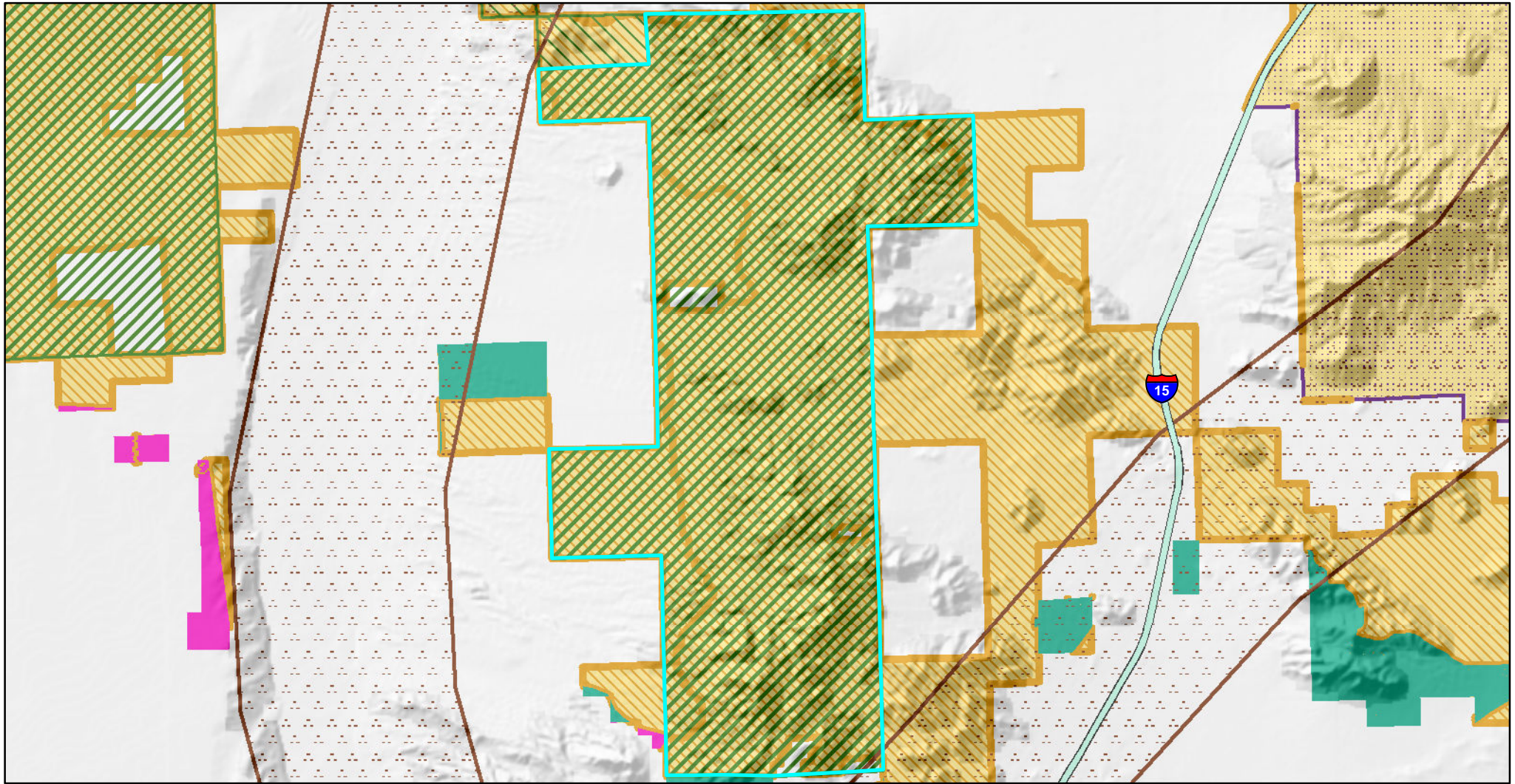


**Brisbane Valley Monkey Flower
Alternative 1**

8/25/2015

Draft Map Boundaries Subject to Change





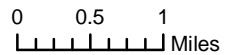
Conservation Footprint

- National Conservation Lands
- ACEC Boundaries
- 0.25% Disturbance Cap
- 0.5% Disturbance Cap

- DRECP Boundary
- CDCA Boundary
- Transmission Corridor
- OHV Boundary

- Renewable Footprint**
- Development Focus Areas
 - Future Assessment Areas

- Land Status**
- Bureau of Land Management

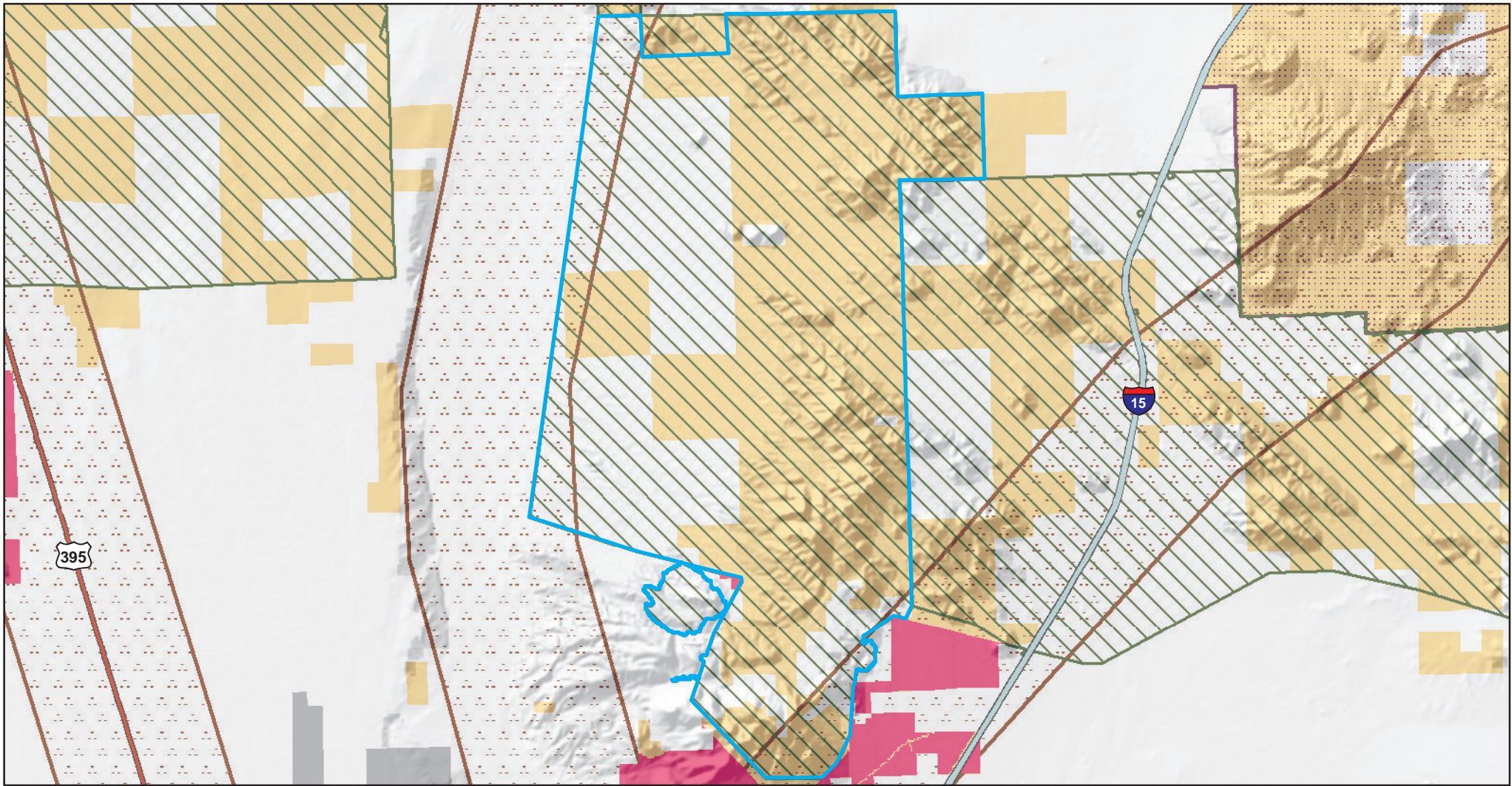


**Brisbane Valley Monkey Flower
Alternative 2**

8/26/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

ACEC Boundaries

- 0.5% Disturbance Cap
- 1% Disturbance Cap

Boundaries

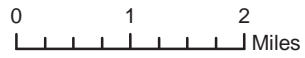
- DRECP Boundary
- CDCA Boundary
- Transmission Corridor
- OHV Boundary

Renewable Footprint

- Development Focus Areas

Land Status

- Bureau of Land Management
- Department of Defense

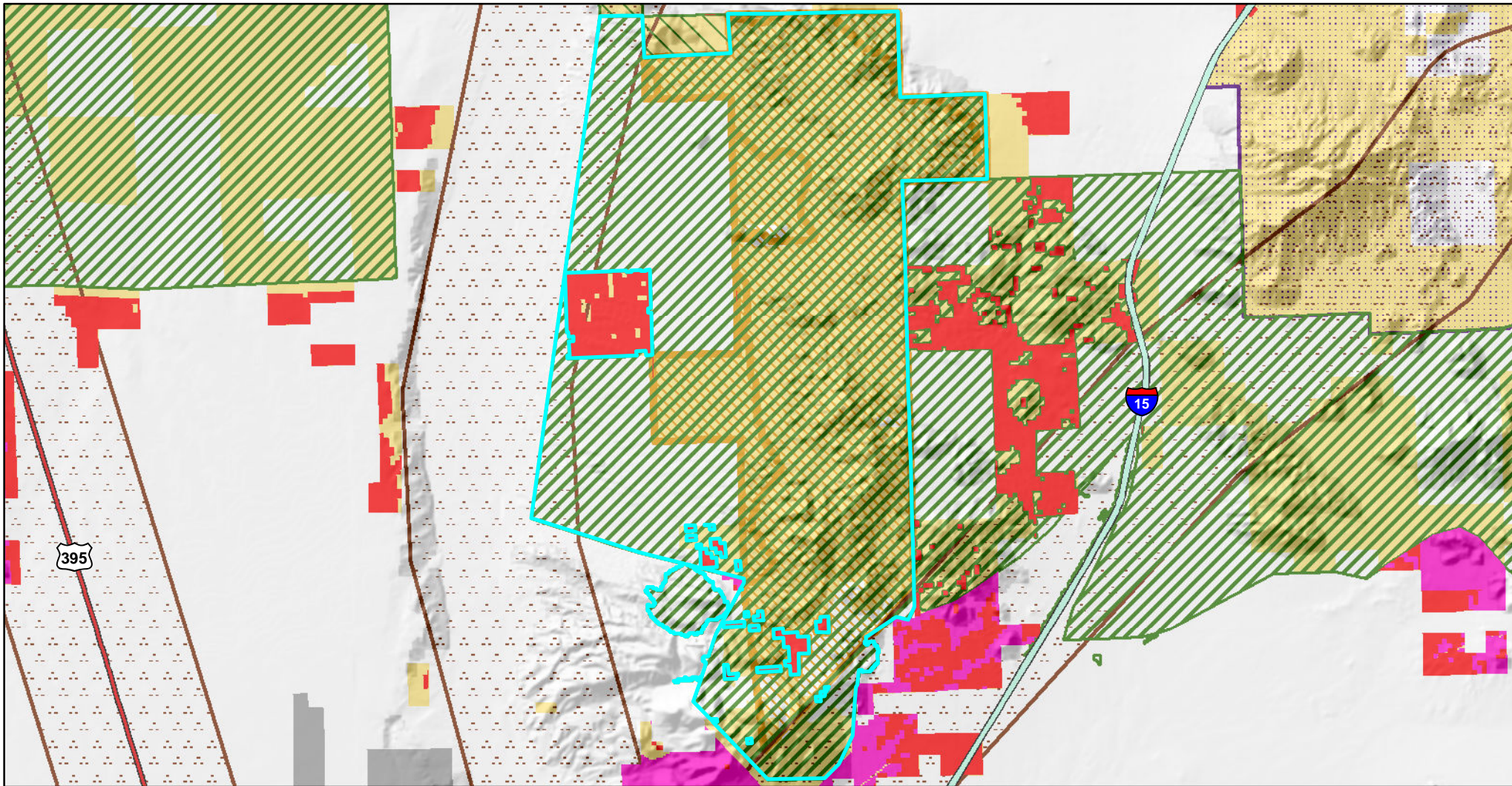


**Brisbane Valley Monkey Flower
Alternative 3**




8/26/2015





Draft Map Boundaries Subject to Change







Conservation Footprint



-  National Conservation Lands
- ACEC Boundaries**
-  0.25% Disturbance Cap
-  0.5% Disturbance Cap

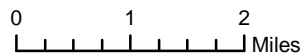
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary

Renewable Footprint

-  Development Focus Areas
-  Variance Lands

Land Status

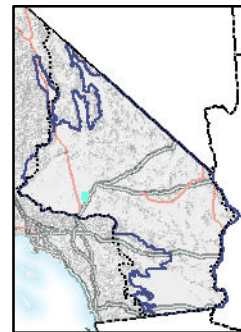
-  Bureau of Land Management
-  Department of Defense

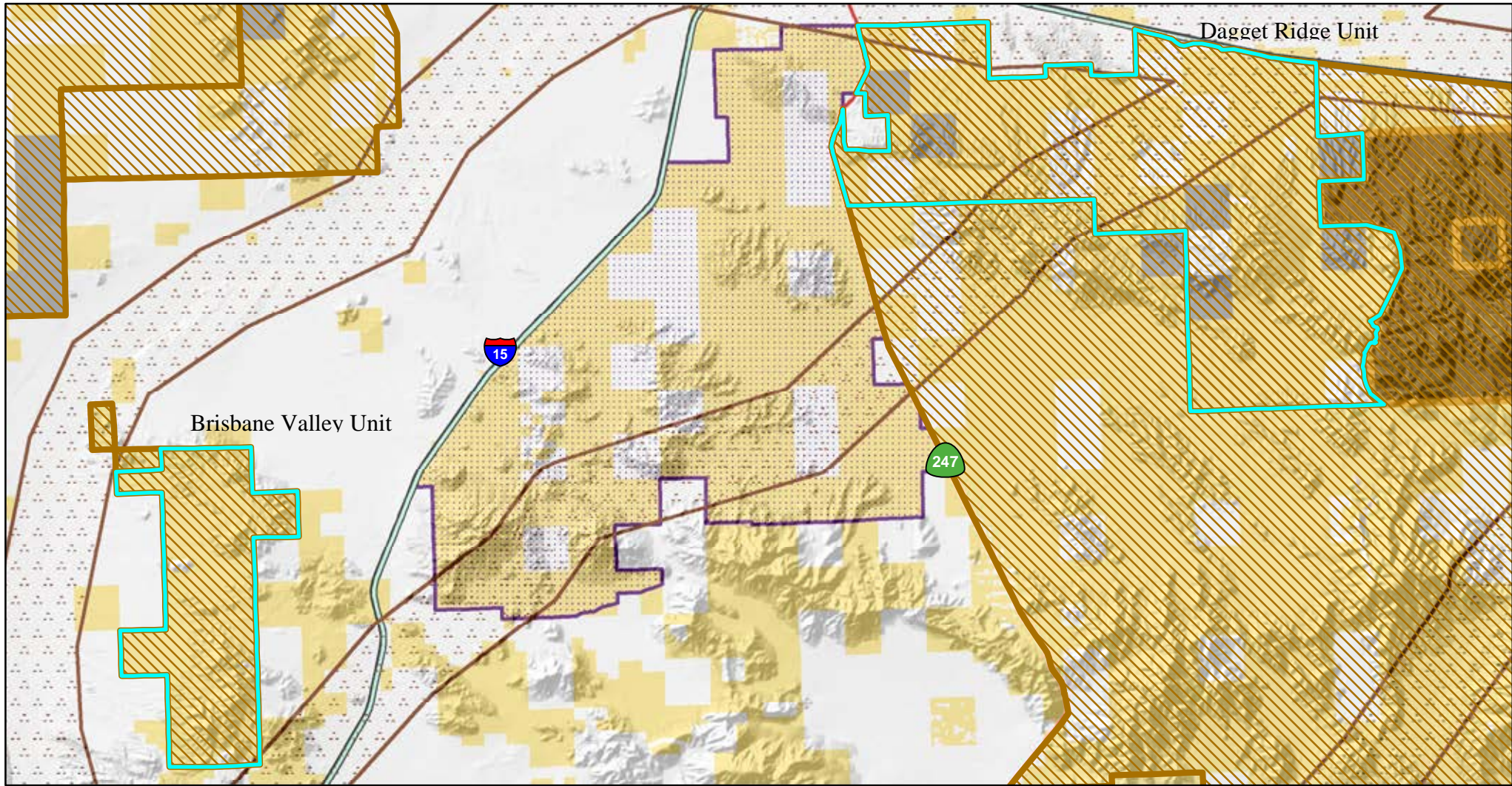


**Brisbane Valley Monkey Flower
Alternative 4**

8/27/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

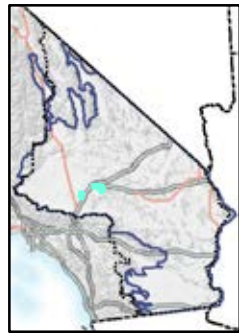
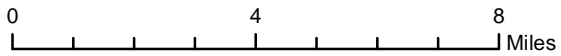
- | | | |
|-----------------------|---|---------------------------|
| Existing ACEC | National Conservation Lands | Land Status |
| Transmission Corridor | OHV Boundary | Bureau of Land Management |
| CDCA Boundary | Legislatively & Legally Protected Areas | Department of Defense |
| DRECP Boundary | | |

Mojave Monkeyflower

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Barstow Carbonate Endemic Plants Research Natural Area

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: The existing ACEC encompasses 5,035 acres of public lands within the area east of Highway 18 on the foothills of the San Bernardino Mountains. This ACEC would be expanded under the DRECP.

Nationally Significant Values:

Ecological: This ACEC and its expanded area encompasses vital habitat for four federally listed and one unlisted narrowly endemic carbonate plant species. The ACEC was designated as a Carbonate Endemic Plants Research Natural Area ACEC. A Research Natural Area means an area that is established and maintained for the primary purpose of research and education because the land has one or more of the following characteristics:

- A typical representation of a common plant or animal association
- An unusual plant or animal association
- A threatened or endangered plant or animal species
- A typical representation of common geologic, soil, or water features
- Outstanding or unusual geologic, soil, or water features

The proposed RNA meets the characteristics above because it supports an unusual geologic, soil, and plant association and because it contains habitat for threatened and endangered species.

Special Designations/Management Plan/Date: Established in WEMO, March 2006. The West Mojave Plan would serve as the ACEC management plan so that a future ACEC plan would not be required.

Relevance and Importance Criteria: This ACEC and its expanded area encompasses vital habitat for four federally listed and one unlisted narrowly endemic carbonate plant species. This ACEC also encompasses habitat for the San Diego Horned Lizard, Gray Vireo, and Bighorn Sheep. This area also functions as a primary wildlife connectivity zone.

Grazing Allotment: This unit overlaps with Rattlesnake Canyon Allotment.

Overarching Goal: Protect four federally listed and one unlisted species of plants, as well as the San Diego horned lizard, gray vireo, and big horn sheep. This area also functions as a primary wildlife connectivity zone.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:

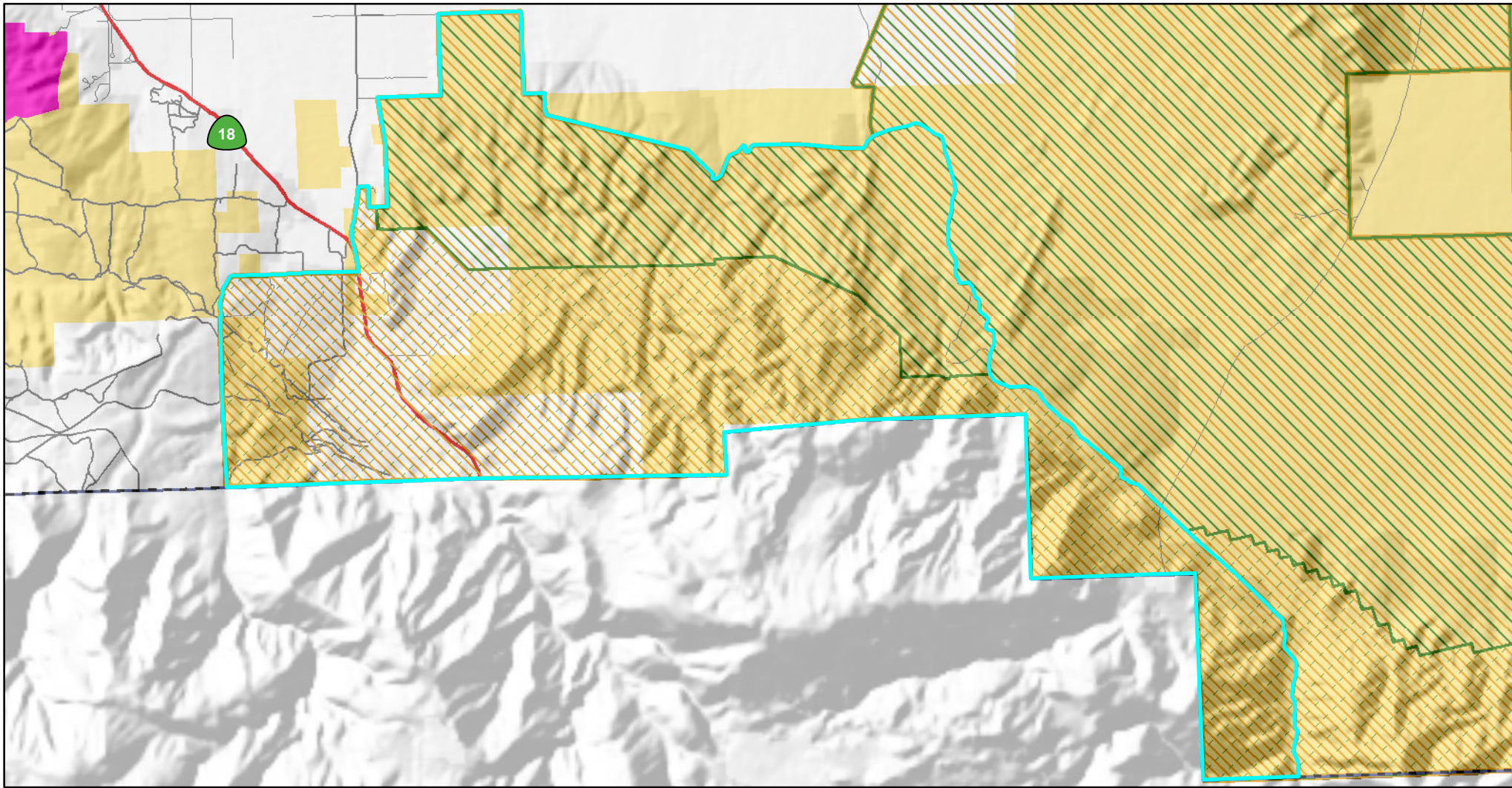
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	4,400	0	NA
Preferred Alternative	5,035	5,035	0	0.5%, 1%
1	100	5,000	0	1%
2	5,000	5,000	0	0.5%, 1%
3	5,000	5,000	0	0.5%, 1%
4	5,000	5,000	0	0.25%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or improve condition of habitat for the following sensitive plant species:</p> <p>Parish’s daisy (<i>Erigeron parishii</i>) Cushenbury buckwheat (<i>Eriogonum ovalifolium</i>) Cushenbury milk-vetch (<i>Astragalus albens</i>) Cushenbury oxytheca (<i>Acanthoscyphus parishii</i> var. <i>goodmaniana</i>) Parish's brittlescale (<i>Atriplex parishii</i>) San Bernardino milk-vetch(<i>Astragalus bernardinus</i>) frosted mint (<i>Poliomintha incana</i>) alkali mariposa-lily (<i>Calochortus striatus</i>) San Bernardino aster(<i>Symphyotrichum defoliatum</i>)Big Bear Valley woollypod(<i>Astragalus leucolobus</i>)</p> <p>Management Action 1: The West Mojave Plan will implement provisions of the Carbonate Habitat Management Strategy (CHMS). The CHMS is a cooperative plan developed by the Forest Service, BLM, and mining and environmental stakeholders. It includes very specific criteria for conservation, land acquisition, and mining.</p> <p>Management Action 2: Remove invasive plants, rehabilitate/revegetate disturbed areas</p>	<p>Vegetation - Including special status species</p>
<p>Objective: Maintain or improve condition of habitat for sensitive wildlife species</p> <p>Management Action: Protect populations of special status animals</p> <p>Golden eagle Desert tortoise San Diego horned lizard Big horn sheep</p>	<p>Fish and Wildlife – Including special status species</p>

<p>Objective: Protect sensitive plant habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All existing routes of travel on public lands within the ACEC would be designated as open, limited, or closed. The boundary road defining the perimeter of the ACEC is an open route. Most other existing routes within the ACEC are limited or closed. These internal routes cross designated critical habitat for listed plants, but are open for limited use to allow access to claimholders, researchers, and other permitted events and activities. Permitted events, such as dual sport rides, can occur but would require monitoring and stipulations to avoid areas of botanical sensitivity adjacent to roads.</p>	<p>Trails and Travel Management</p>
<p>Objective: Provide dispersed opportunities focusing on enjoyment of the ACEC attributes</p> <p>Allowable Uses: Dispersed camping, no camping in critical habitat</p>	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action 1: Acquire inholdings, edgeholdings and other interests from willing sellers.</p> <p>Management Action 2: Private lands within the ACEC may be acquired or exchanged for other BLM lands in Lucerne Valley. Three options are presented for acquisition of private land and relinquishment of claims. All three methods may be implemented to achieve the objective.</p> <ul style="list-style-type: none"> - Option 1: The BLM would initiate or participate in a land exchange for the highest priority private lands. Public lands bordering the rail spur south of Lucerne Valley would be exchanged for private lands east of Highway 18. The lands along the railway would then be available to mining interests or industrial uses, and the acquired lands east of Highway 18 would be withdrawn from mineral entry. - Option 2: Mining companies may acquire lands within the ACEC as mitigation for use of lands west of Highway 18. "Acquisition" can include purchase of mining claims on public lands as well as purchase of fee title to private lands. The claims or title would be conveyed to BLM, and the acquired lands would be withdrawn from mineral entry. - Option 3: BLM and Fortes Service would prepare an application for Congressional funding through the Land and Water Conservation Fund. Any funds appropriated through this process would be used to purchase private fee lands within the ACEC and National Forest. Acquisition funding would also be sought from the Fish and Wildlife Service Section 6 grants to states. Acquired lands would be unavailable for mineral entry. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.</p>	<p>Rights-of-Way</p>

<p>Objective: Maintain integrity of large blocks of habitat Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy
<p>Objective: Protect sensitive plant habitat from impacts associated with minerals development Allowable Uses: Within the ACEC, no surface occupancy would be allowed because of the potential for undue degradation to occupied habitat and designated critical habitat. Surface mining would not be consistent with the objectives of RNA. Acquired lands would be withdrawn from mineral entry. Management Action 1: New proposals will need to be analyzed on a case-by-case basis and cumulatively Management Action 2: Reclamation and revegetation standards specified in the CHMS (Appendix S) would be required for reclamation or restoration projects within the ACEC</p>	Locatable Minerals Mineral Materials Non-energy Leasables
<p>Objective: Protect sensitive plant habitat from impacts associated with livestock grazing. Allowable Uses: No new allotments, existing allocations okay, but no expansion of allotment (either size or increase number of AUMs), if willing relinquishment, would be made unavailable Management Action: Fencing along the eastern boundary of the ACEC would be installed to prevent cattle from trampling the listed plants on small portions of the Rattlesnake allotment and to prevent cattle from entering Forest lands near Terrace Springs. The fencing would be constructed along the east side of Arrastre Canyon.</p>	Livestock Grazing



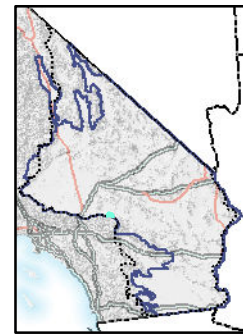
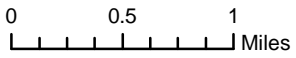
Conservation Footprint

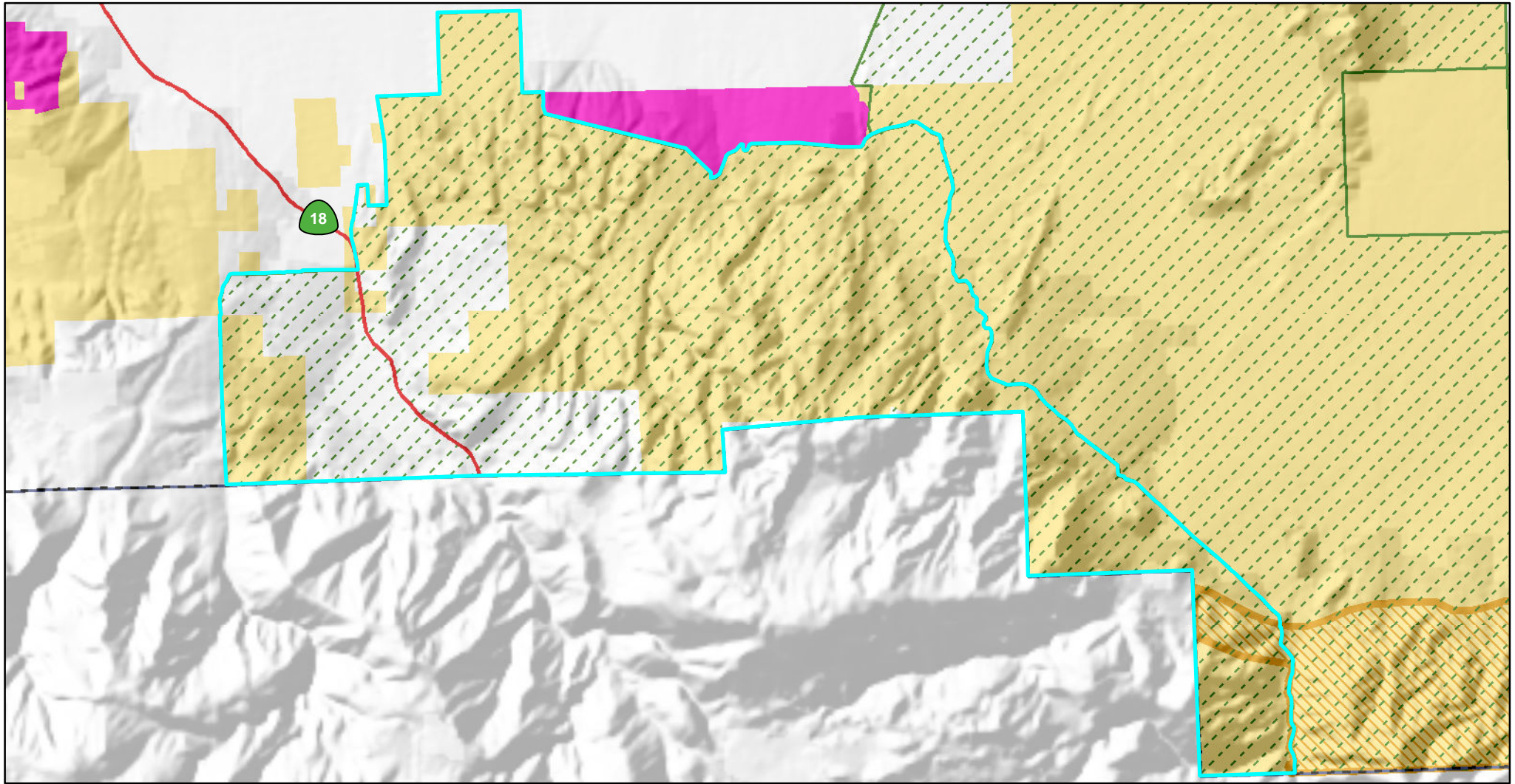
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|---|----------------------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| ACEC Boundaries | CDCA Boundary | Bureau of Land Management |
| 0.5% Disturbance Cap | Renewable Footprint | |
| 1% Disturbance Cap | Development Focus Areas | |
| National Conservation Lands | | |

Carbonate Endemic Plants RNA








6/23/2015


Draft Map Boundaries Subject to Change

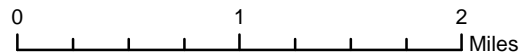




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  1% Disturbance Cap
-  Wildlife Allocation
-  DRECP Boundary
-  CDCA Boundary
- Renewable Footprint**
-  Development Focus Areas

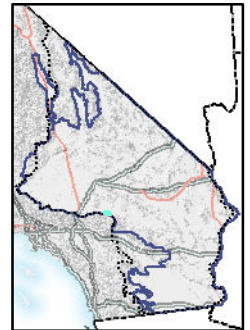
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-  Bureau of Land Management

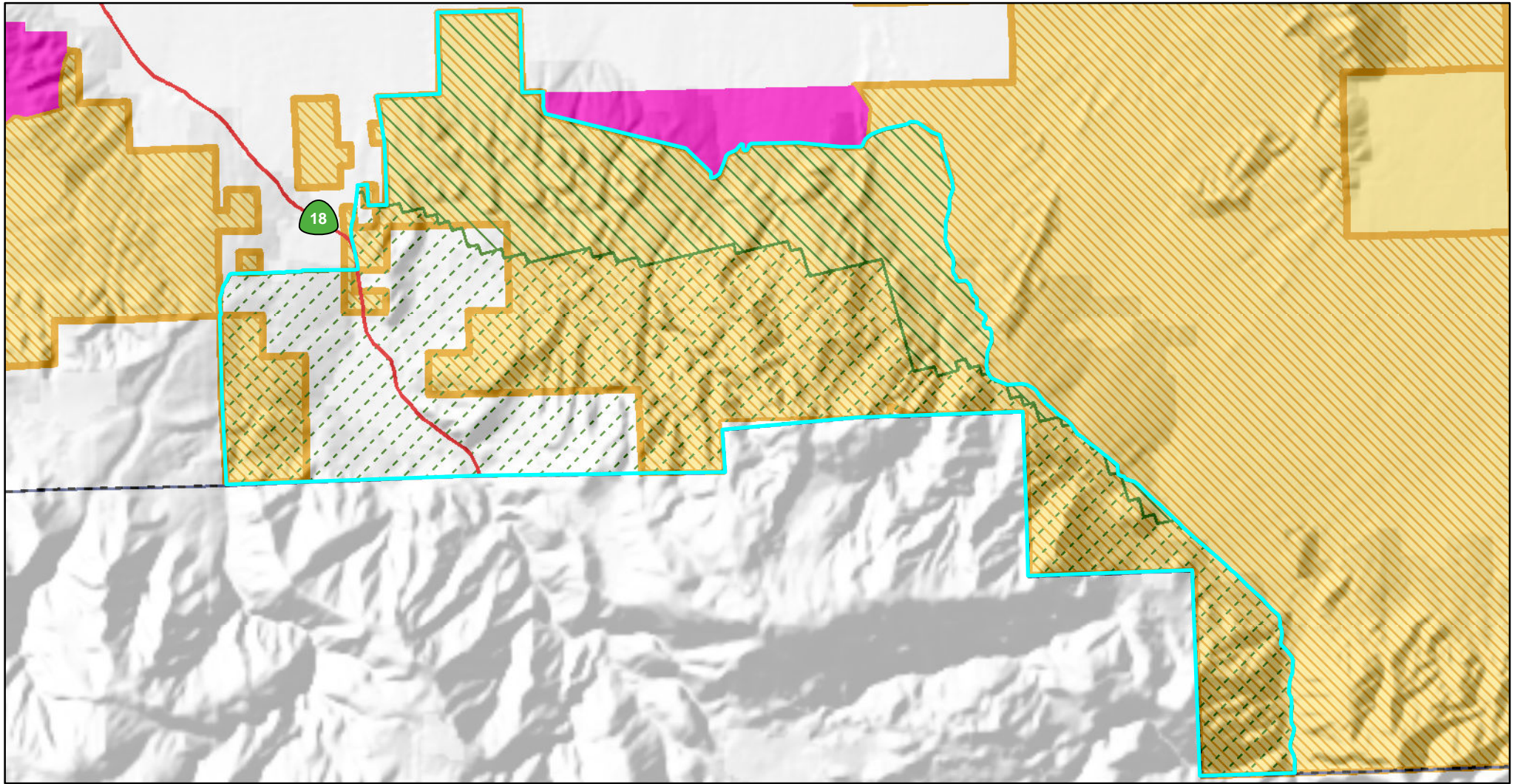


**Carbonate Endemic Plants RNA
Alternative 1**



8/25/2015

Draft Map Boundaries Subject to Change





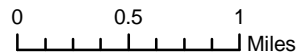




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands

ACEC Boundaries

-  0.5% Disturbance Cap
-  1% Disturbance Cap




-  DRECP Boundary
-  CDCA Boundary

Renewable Footprint

-  Development Focus Areas

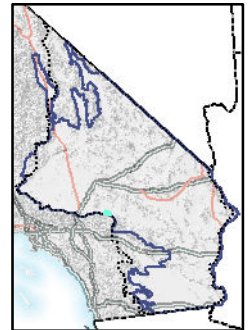
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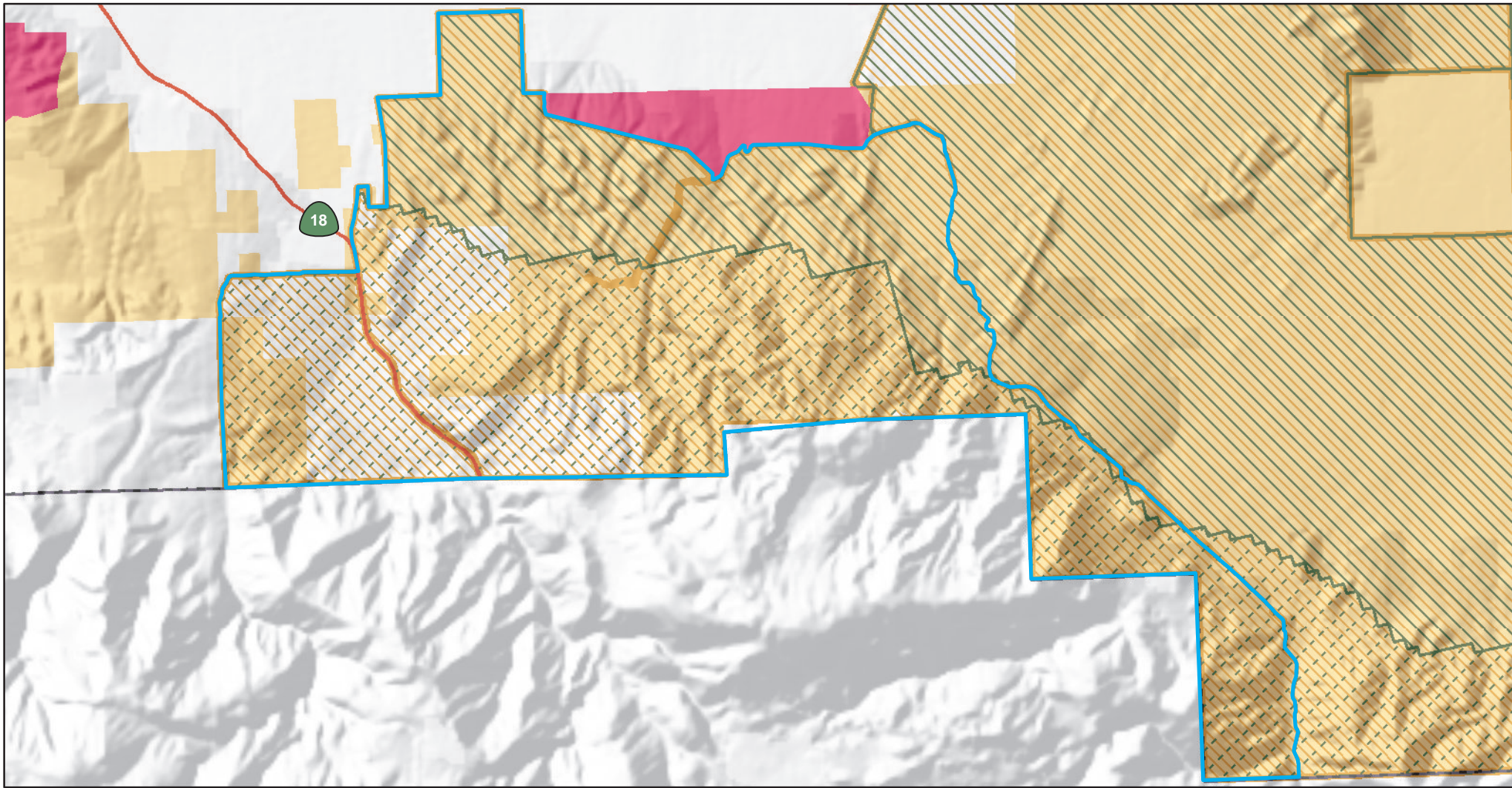
-  Bureau of Land Management

**Carbonate Endemic Plants RNA
Alternative 2**

8/26/2015


Draft Map Boundaries Subject to Change

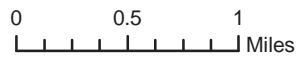




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.5% Disturbance Cap
-  1% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
- Renewable Footprint**
-  Development Focus Areas

- Land Status**
-  Bureau of Land Management

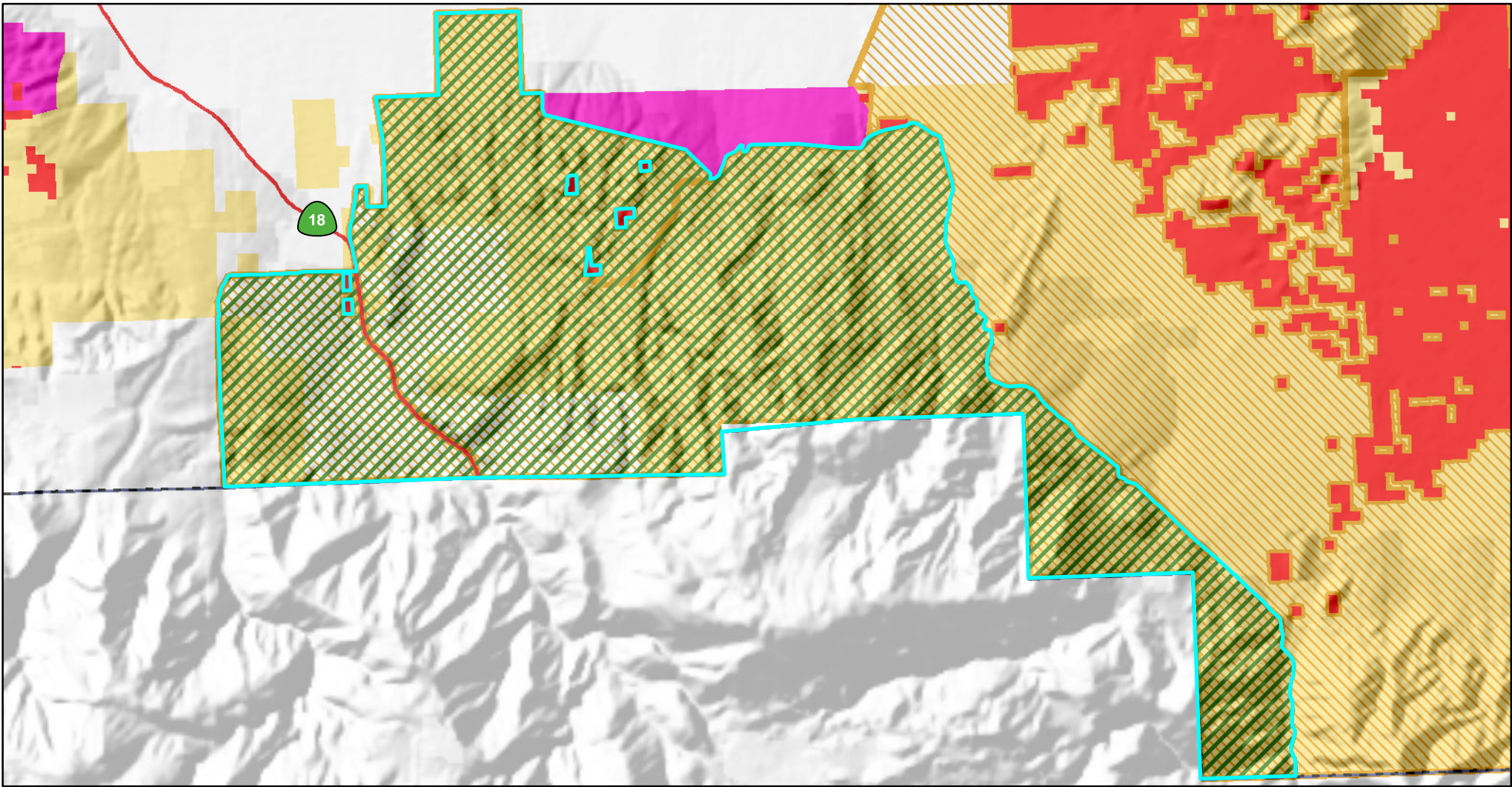


**Carbonate Endemic Plants RNA
Alternative 3**









8/26/2015

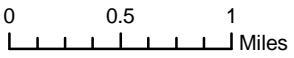
Draft Map Boundaries Subject to Change





Conservation Footprint

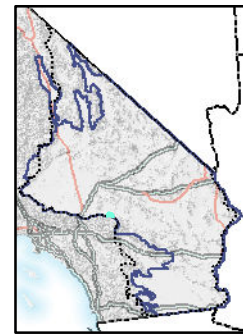
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|---|---|---|
|  National Conservation Lands |  DRECP Boundary | Land Status |
|  Legislatively & Legally Protected Areas |  CDCA Boundary |  Bureau of Land Management |
| ACEC Boundaries | Renewable Footprint | |
|  0.25% Disturbance Cap |  Development Focus Areas | |
| |  Variance Lands | |

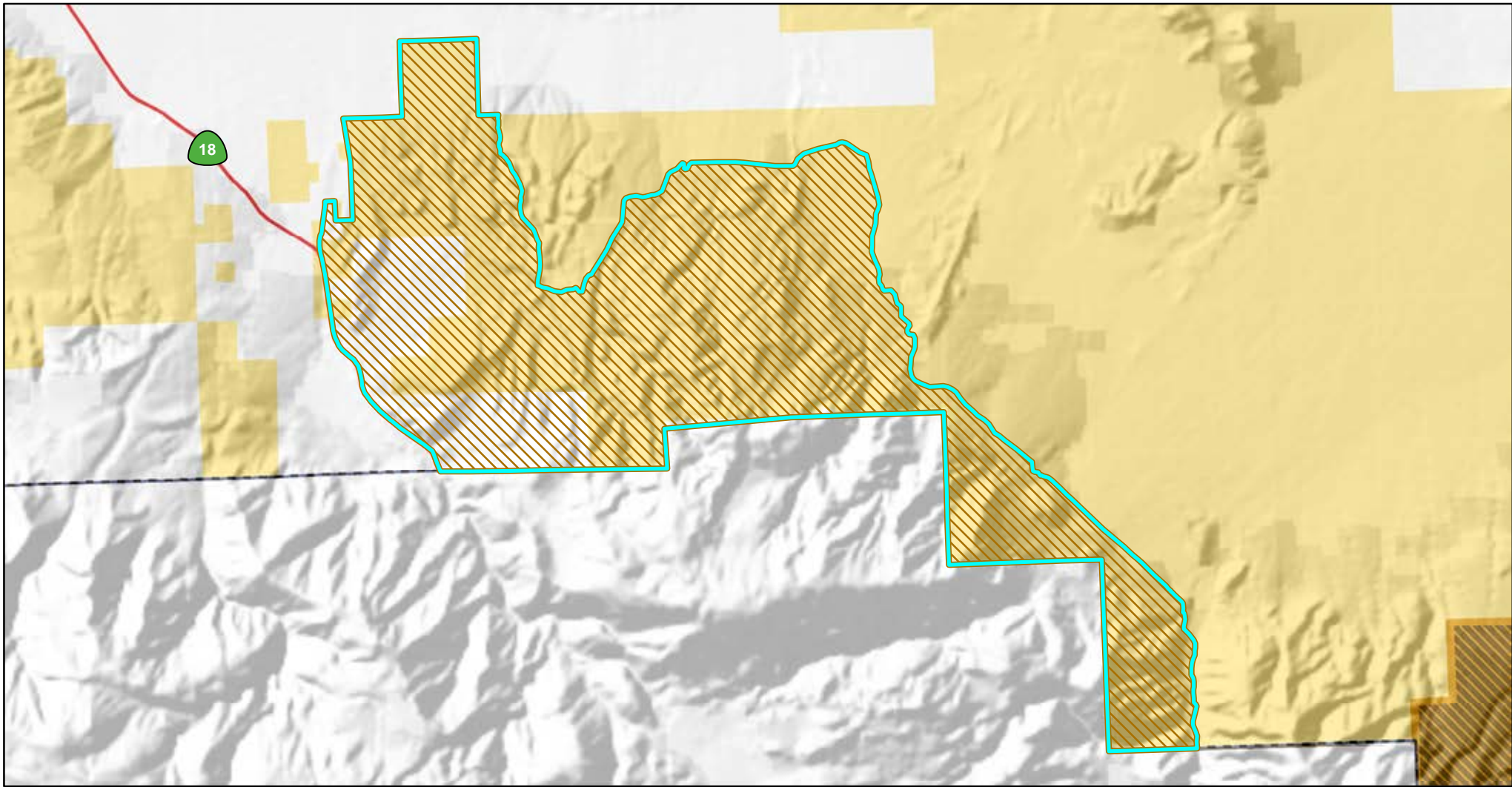


**Carbonate Plant Expansion
Alternative 4**







8/27/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

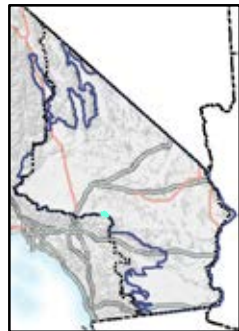
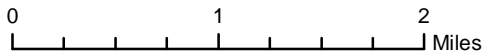
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|---|---|---|
|  Existing ACEC |  National Conservation Lands | Land Status |
|  CDCA Boundary |  Legislatively & Legally Protected Areas |  Bureau of Land Management |
|  DRECP Boundary | | |

Carbonate Endemic Plants RNA

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Daggett Ridge Mojave Monkeyflower

National Conservation Lands Ecoregion: Mojave and Silurian Valley, Pinto Lucerne Valley and Eastern Slopes, West Desert and Eastern Slopes

Description/Location: This ACEC is completely encompassed by, and is located in the northwestern corner of, the Ord-Rodman ACEC, which is critical habitat for the Federally threatened Desert Tortoise (*Gopherus agassizii*). Under WEMO, this ACEC was part of the Mojave Monkeyflower ACEC, with two distinct geographic areas, one at Dagget Ridge and one in Brisbane Valley. Under the DRECP, each of these geographic areas is proposed to be separate ACEC units.

Nationally Significant Values:

Ecological: The area is important for protection of the Mojave Monkeyflower (*Mimulus mohavensis*), a BLM Sensitive Species with a highly restricted range.

Special Designations/Management Plan/Date: ACEC established in 2006 West Mojave Plan

Relevance and Importance Criteria: The area is important for the protection of the Mojave Monkeyflower (*Mimulus mohavensis*), a BLM Sensitive Species with a highly restrictive range.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Ord Mountain Allotment and the Stoddard Mountain Allotment.

Lands with Wilderness Characteristics: This unit contains 454 acres of lands that would be managed to protect wilderness character under the preferred alternative. The CMAs for lands managed to protect wilderness character would also apply in those areas.

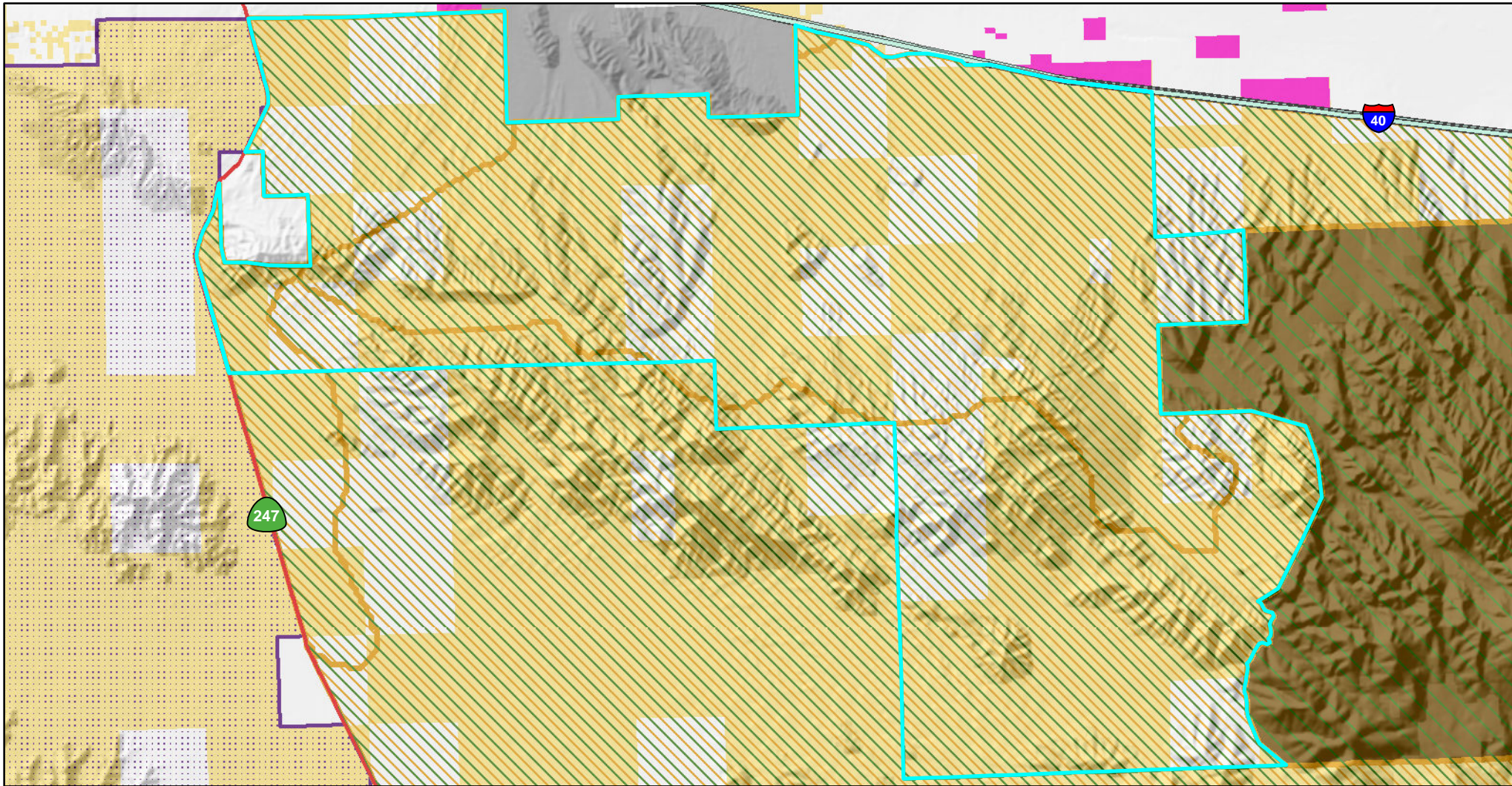
Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.








If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.



Designation and Acreage by Alternative:				
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	26,000	0	1%
Preferred Alternative	25,995	26,000	0	0.5%
1	1,900	26,000	0	1%
2	26,000	26,000	0	0.25%
3	26,000	26,000	0	0.5%
4	26,000	26,000	0	0.5%
* Acreage values are for BLM managed lands				
Objectives (desired future conditions)/Allowable Uses/Management Actions			Resource	
<p>Objective: Protect and enhance Mojave Monkeyflower (<i>Mimulus mohavensis</i>) populations</p> <p>Management Action 1: Protect viable populations on public land throughout the range</p> <p>Management Action 2: Coordinate with mining companies to protect this species</p> <p>Management Action 3: Establish a core reserve on public land west of the Newberry Mountains</p> <p>Management Action 4: Provide site-specific management of occupied habitat on public lands outside the core reserves</p> <p>Management Action 5: Establish a private land mitigation bank</p>			Vegetation - Including special status species	
<p>Objective: Protect desert tortoise habitat critical habitat.</p> <p>Management Action: Maintain linkage connection across the ACEC to allow tortoises to move between other large habitat blocks.</p>			Fish and Wildlife - Including special status species	
<p>Objective: Protect Mojave Monkeyflower from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails. Eliminate routes within washes, unnecessary parallel routes, and routes bisecting populations of Mojave monkeyflowers.</p> <p>Management Action: Establish no new routes in ACEC</p>			Trails and Travel Management	
<p>Objective: Protect plant population by designation of OHV routes through the area</p> <p>Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes. Designate routes of travel with the goal of eliminating routes within washes, unnecessary parallel routes, and routes bisecting populations of Mohave monkeyflower.</p>			Recreation	

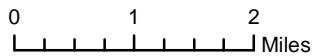
<p>Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.</p>	<p>Land Tenure</p>
<p>Objective: Protection of the Mohave Monkeyflower populations Allowable Uses: Right-of-way exclusion area except in the existing utility corridor Management Action: New utilities locating within the existing corridor will be required to avoid Monkeyflower occurrences to the maximum extent practicable and provide mitigation fees for compensation where avoidance is infeasible</p>	<p>Rights of Way (ROW)</p>
<p>Objective: Maintain integrity of large blocks of habitat for the Mojave monkeyflower and the desert tortoise, as well as other sensitive species. Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>
<p>Objective: Protect Mojave Monkeyflower from mining activities Management Action: Include stipulations to protect the monkey flower including not disturbing occupied habitat</p>	<p>Locatable Minerals Mineral Materials Non-Energy Leasables</p>
<p>Objective: Protect plants and habitat by restricting grazing within the ACEC Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable. Management Action: Discontinue all grazing within the ACEC A part of this ACEC is within the Ord Mountain and Stoddard Mountain grazing allotments. Grazing will continue to be authorized in the overlap area and is governed by federal regulations including the achievement of standards and guidelines.</p>	<p>Livestock grazing</p>



Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.5% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas

- Land Status**
-  Bureau of Land Management
 -  Department of Defense

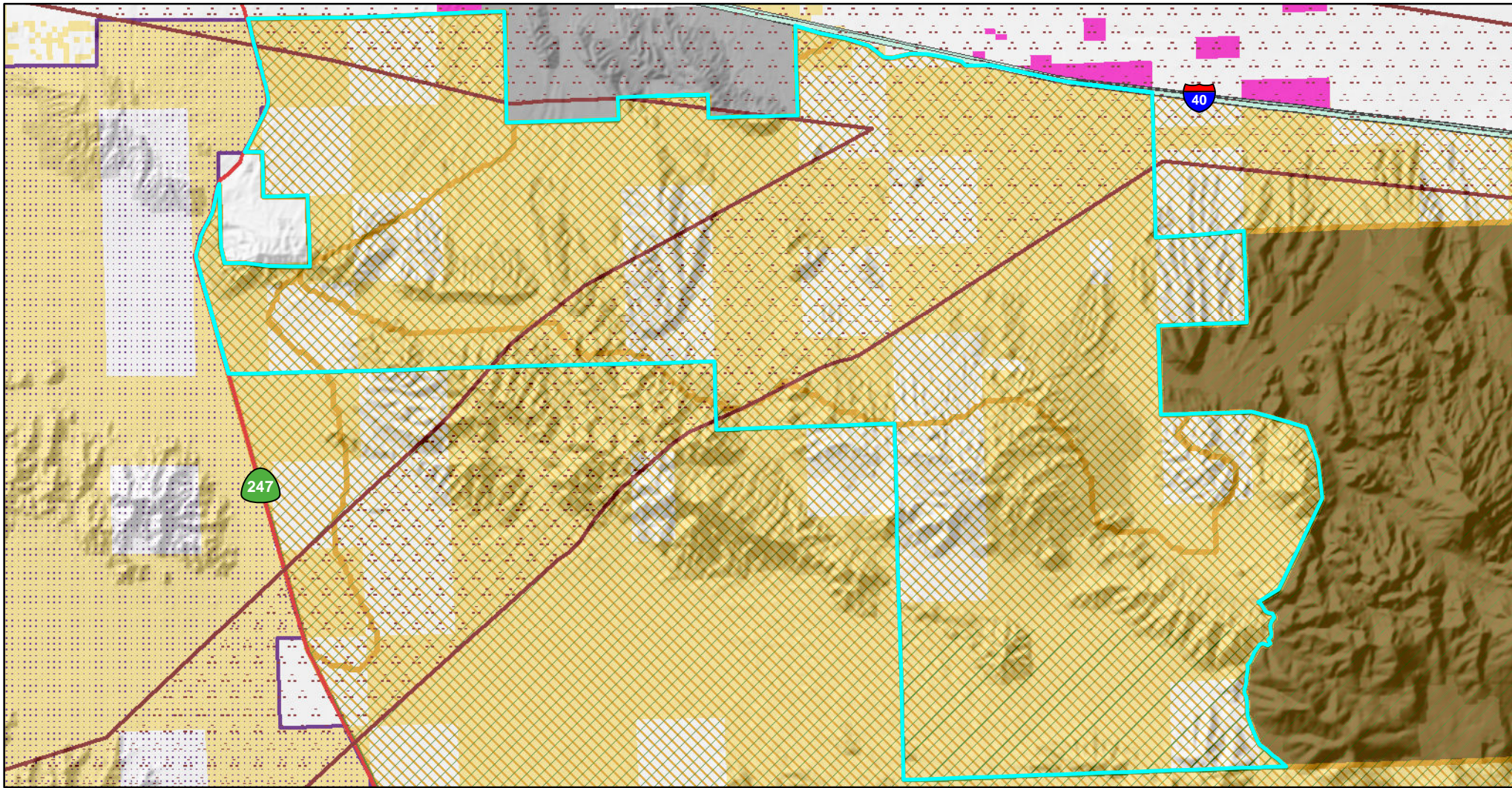


Dagget Ridge Monkey Flower




6/24/2015





Draft Map Boundaries Subject to Change





Conservation Footprint



-  Legislatively & Legally Protected Areas
-  National Conservation Lands
-  Proposed ACEC

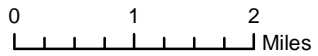
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary

Renewable Footprint

-  Development Focus Areas

Land Status

-  Bureau of Land Management
-  Department of Defense

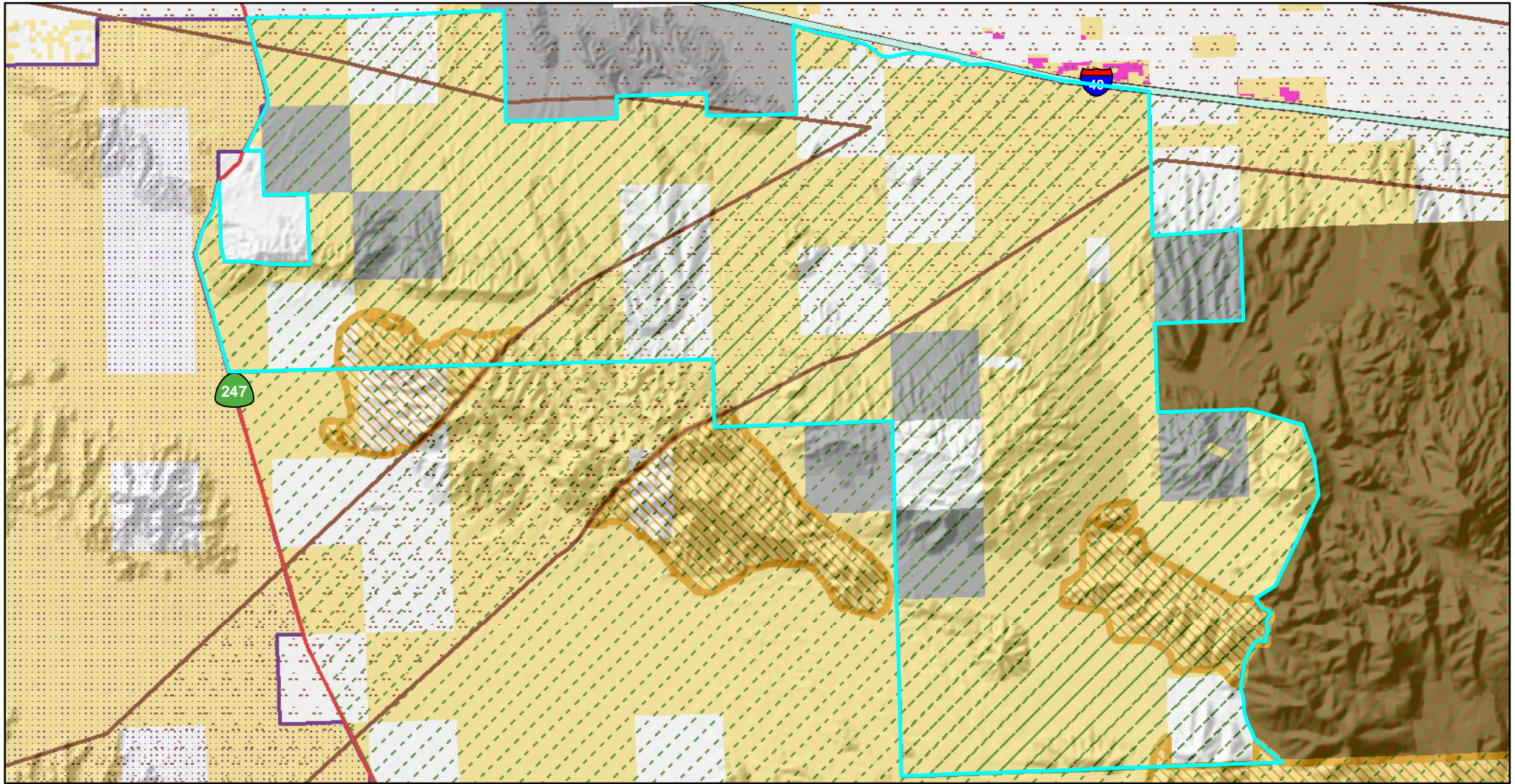


Dagget Ridge Monkey Flower

7/14/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

- Legislatively & Legally Protected Areas
- National Conservation Lands
- ACEC Boundaries**
- 1% Disturbance Cap

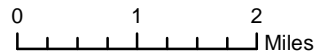
- DRECP Boundary
- CDCA Boundary
- Transmission Corridor
- OHV Boundary

Renewable Footprint

- Development Focus Areas

Land Status

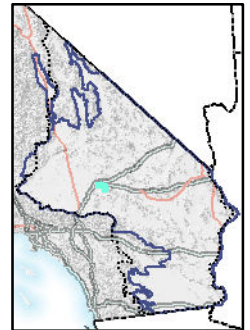
- Bureau of Land Management
- Department of Defense

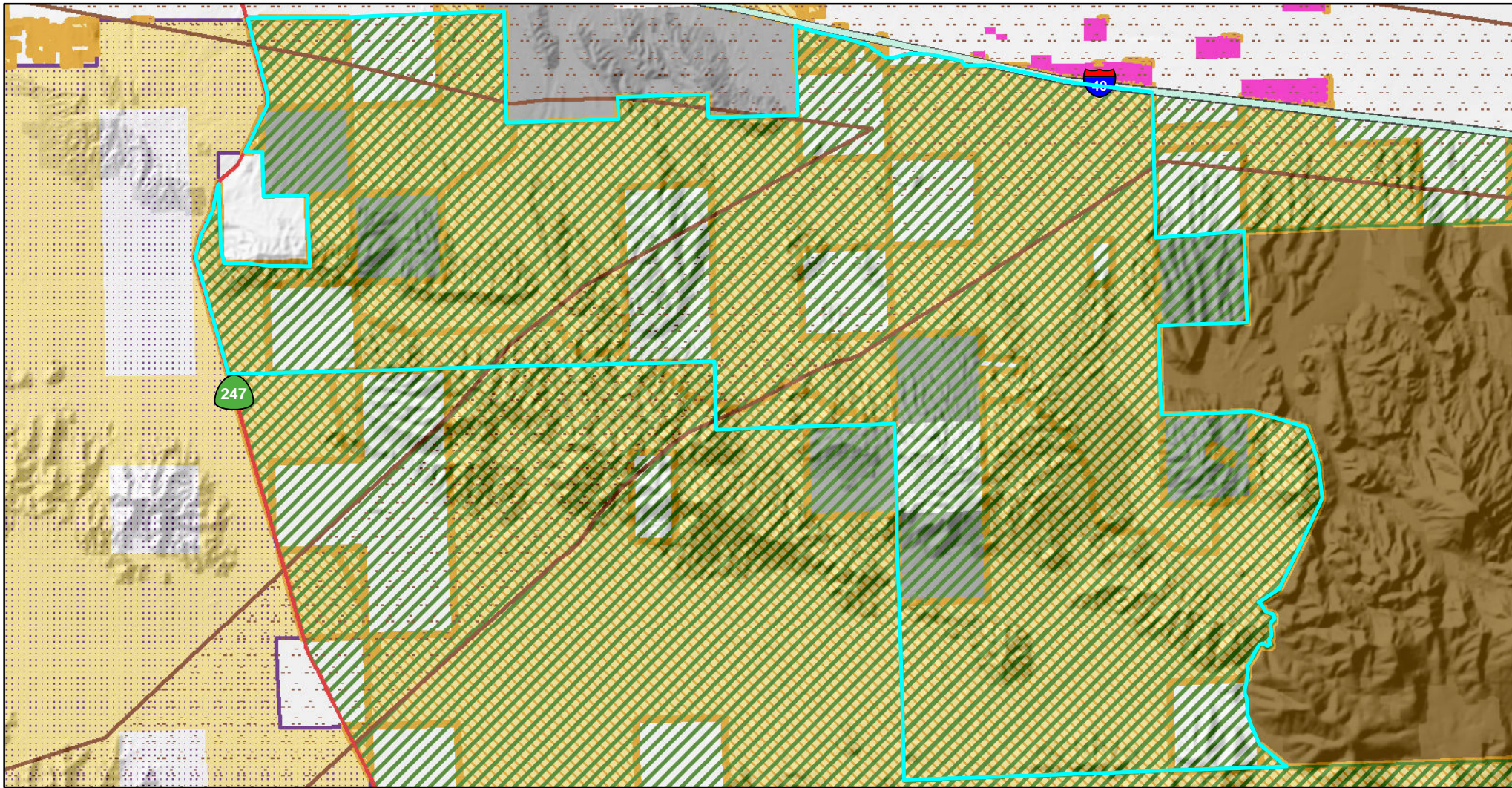


**Dagget Ridge Monkey Flower
Alternative 1**









8/25/2015



Draft Map Boundaries Subject to Change

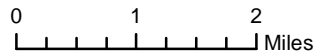




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.25% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas

- Land Status**
-  Bureau of Land Management
 -  Department of Defense

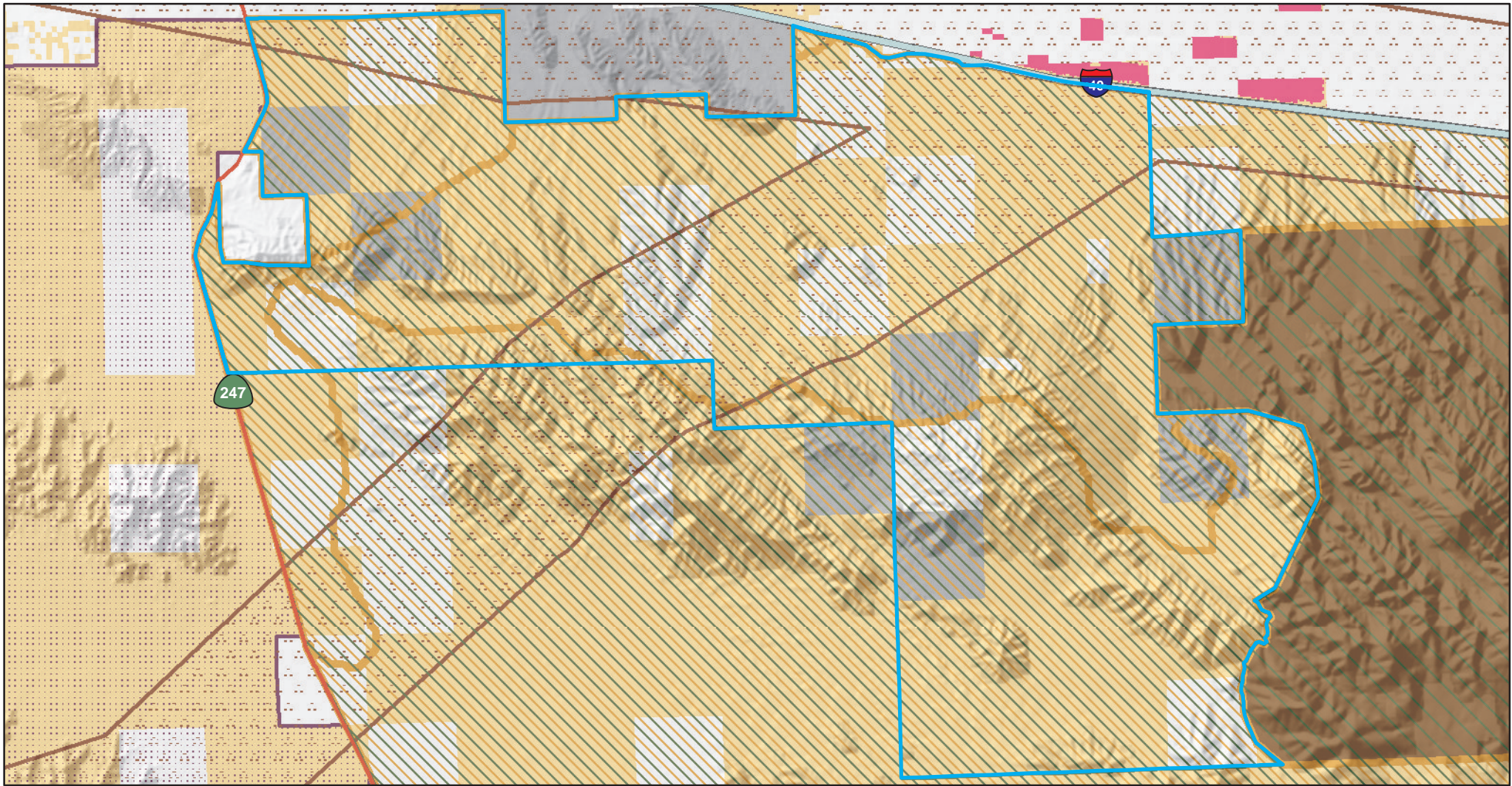


**Dagget Ridge Monkey Flower
Alternative 2**

8/26/2015

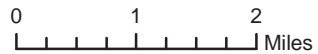
Draft Map Boundaries Subject to Change





Conservation Footprint

- | | | |
|---|----------------------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| National Conservation Lands | CDCA Boundary | Bureau of Land Management |
| ACEC Boundaries | Transmission Corridor | Department of Defense |
| 0.5% Disturbance Cap | OHV Boundary | |
| 1% Disturbance Cap | Renewable Footprint | |
| | Development Focus Areas | |

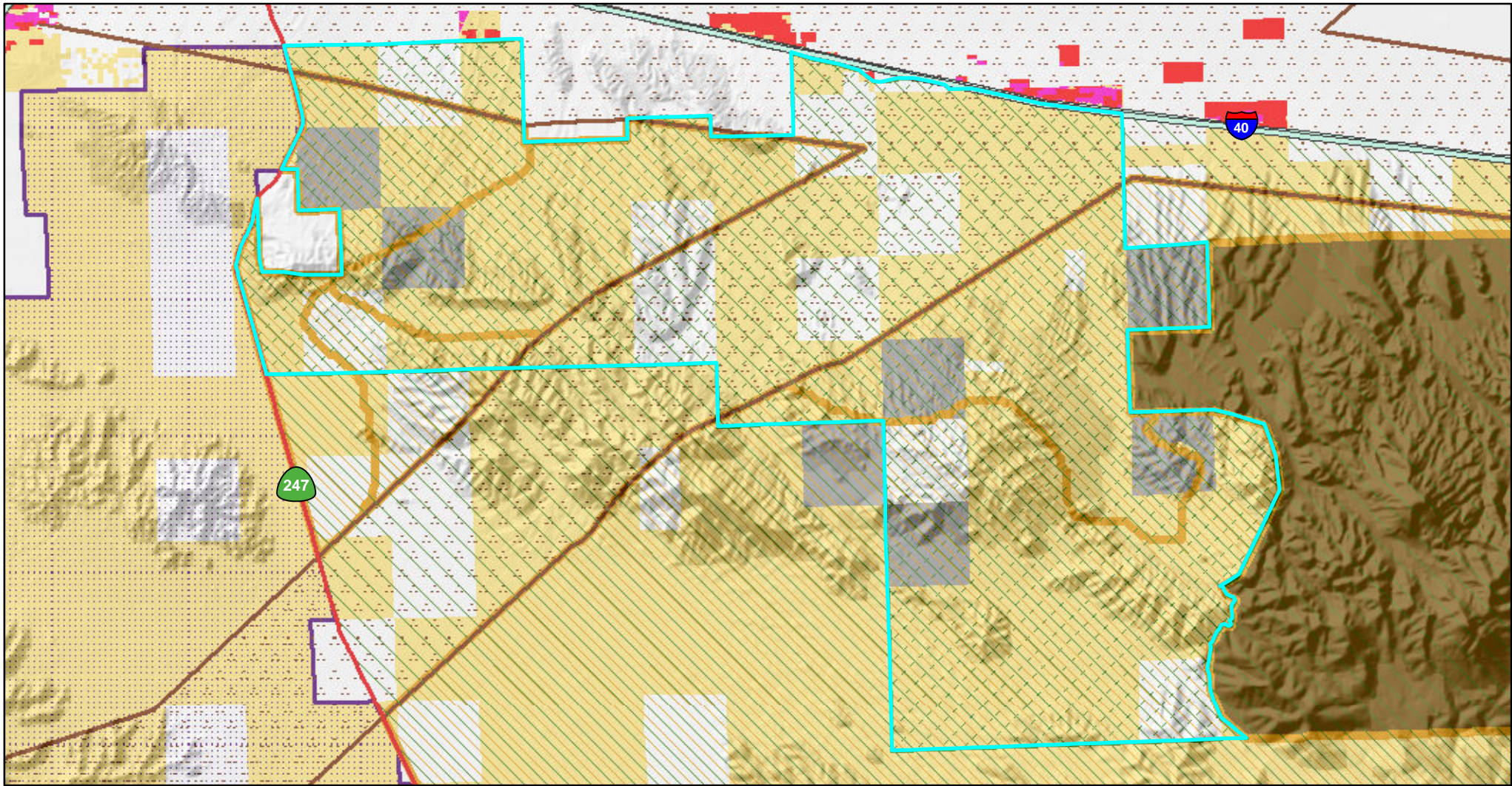


**Dagget Ridge Monkey Flower
Alternative 3**





8/26/2015

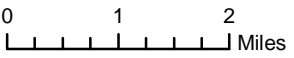
Draft Map Boundaries Subject to Change













Conservation Footprint

-  National Conservation Lands
 -  Legislatively & Legally Protected Areas
- ACEC Boundaries**
-  0.5% Disturbance Cap
 -  1% Disturbance Cap



-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary

- Renewable Footprint**
-  Development Focus Areas
 -  Variance Lands

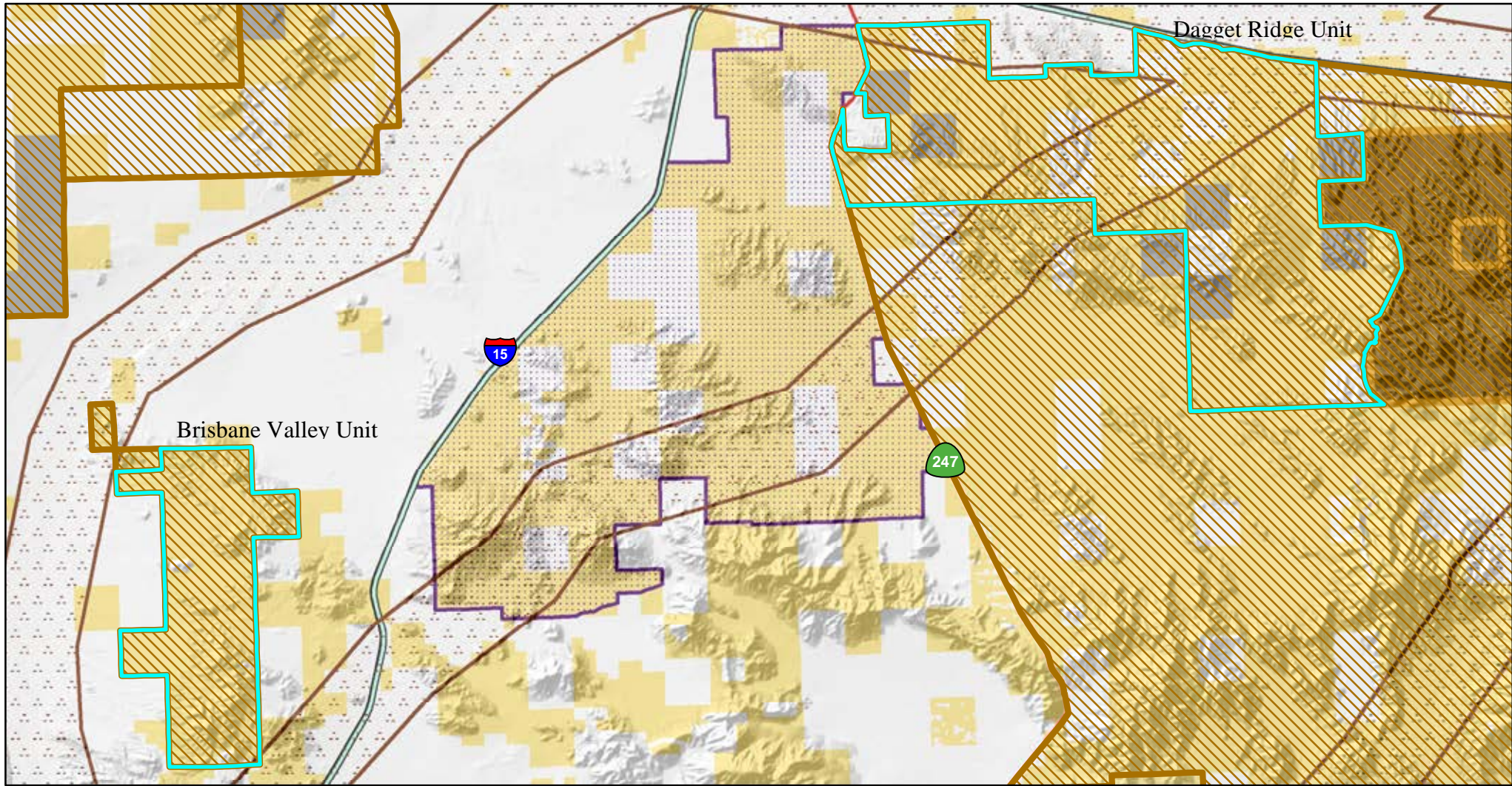
- Land Status**
-  Bureau of Land Management
 -  Department of Defense

**Dagget Ridge Monkey Flower
Alternative 4**

9/15/2015

Draft Map Boundaries Subject to Change







Conservation Footprint

-  Existing ACEC
-  National Conservation Lands
-  Transmission Corridor
-  OHV Boundary
-  CDCA Boundary
-  Legislatively & Legally Protected Areas
-  DRECP Boundary

Land Status

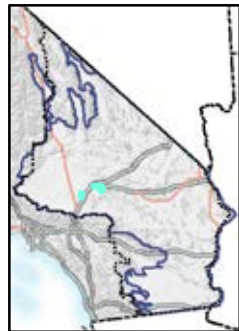
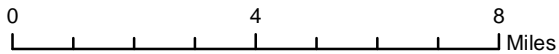
-  Bureau of Land Management
-  Department of Defense

Mojave Monkeyflower

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Granite Mountain Wildlife Linkage

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes and West Desert and Eastern Slopes

Description/Location: Bounded on the south by San Bernardino National Forest and on the north by the Bendire's Thrasher ACEC, this wildlife corridor linkage area is sandwiched between Lucerne Valley and Apple Valley and includes Granite Mountain.

Nationally Significant Values:

Ecological: The area provides critical links for wildlife populations to the north and south of this linkage area.

Special Designations/Management Plan/Date: No previous special designation.

Relevance and Importance Criteria: Relevant biological resources including wildlife and plant assemblages. The area is critical for bighorn sheep, golden eagles, desert tortoise, prairie falcons and several other species. Additionally, numerous rare and sensitive plants have major populations here, and Joshua tree woodland is present, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area. Without this corridor the towns of Lucerne Valley and Apple Valley will merge and create a block for wildlife movement.

Recreation Area: This unit overlaps with Pacific Crest Trail and Stoddard / Johnson SRMAs.

Grazing Allotment: This unit overlaps with Round Mountain Allotment.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, sensitive vegetation communities, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e., management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

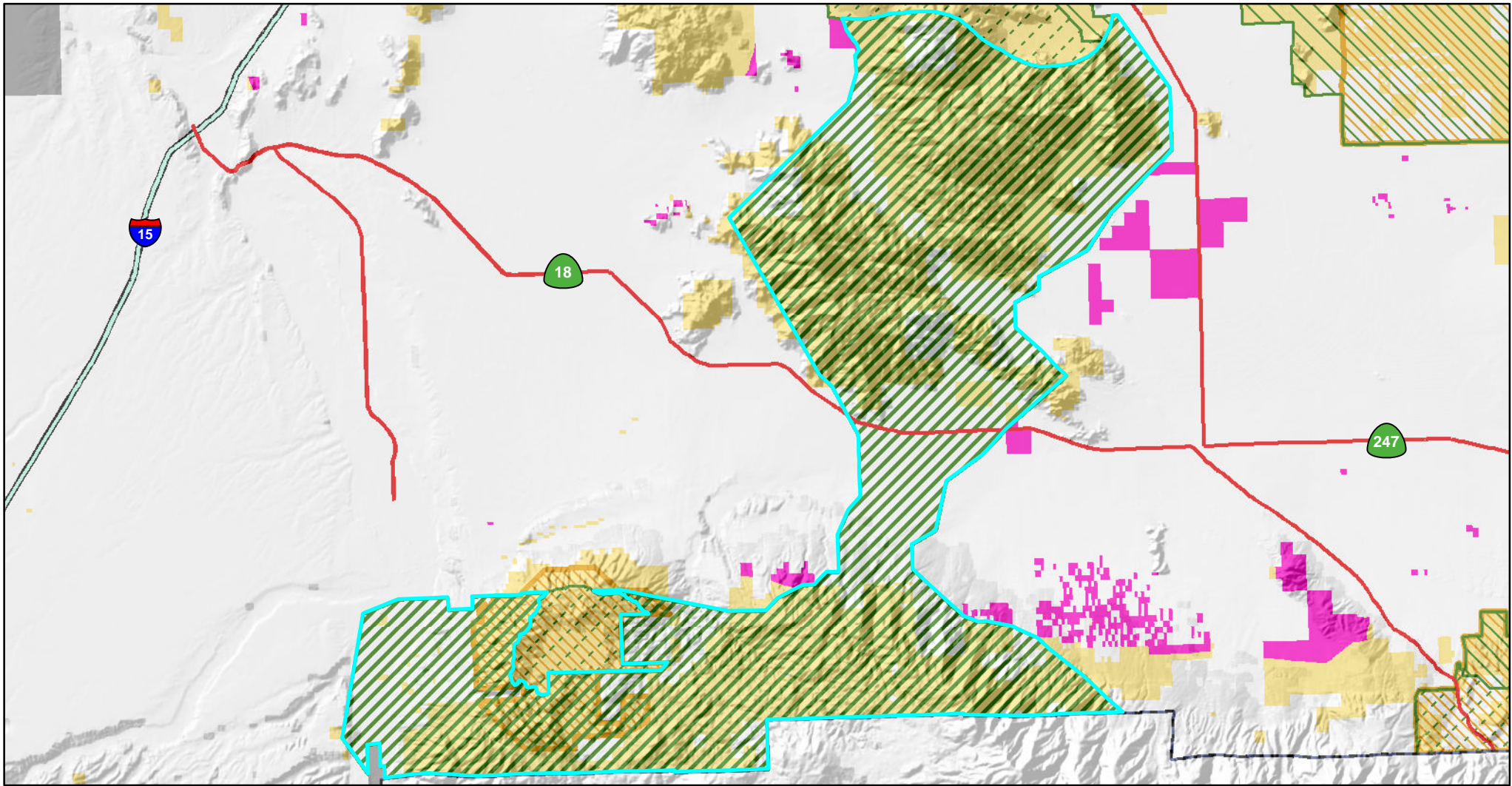
If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:				
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	0	0	NA
Preferred Alternative	3,124	39,291	0	0.25%
1	0	39,400	0	0.25%
2	0	0	0	NA
3	0	39,400	0	0.10%
4	0	37,200	0	0.25%

*** Acreage values are for BLM managed lands**

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or Improve condition of vegetation Management Action1: Remove invasive plants, rehabilitate/revegetated disturbed areas Management Action 2: Protect populations of special status plants Known rare plants: <i>Cymopterus multinervatus</i>, <i>Eriogonum ovalifolium</i> var. <i>vineum</i> <i>Acanthoscyphus parishii</i> var. <i>goodmaniana</i>, <i>Saltugilia latemeri</i> <i>Canbya candida</i>, <i>Sidalcea neomexicana</i>, <i>Plagiobothrys parishii</i> <i>Placelia parishii</i>, <i>Puccinellia parishii</i>, <i>Mimulus mohavensis</i> <i>Leymus salinus</i> ssp. <i>Mojavensis</i>, <i>Eriophyllum mohavense</i> <i>Calochortus striatus</i>, <i>Yucca brevifolia</i>, and <i>Yucca schidigera</i> Management Action 3: Conserve Joshua tree woodland by monitoring population trends, removing/preventing threats, and remediating impacts when they occur.</p>	Vegetation – Including special status species
<p>Objective: Protect Golden Eagle nesting sites Management Action: Protect nesting habitat, ensure productive nesting</p> <p>Objective: Protect and enhance sensitive wildlife habitat Desert tortoise, LeConte’s thrasher, San Diego pocket mouse, Prairie falcon Golden eagles, and Mohave ground squirrel Management Action: Maintain viable populations and connections between other ACECs and critical habitat</p>	Fish and Wildlife Including special status species
<p>Objective: Reduce habitat impacts associated with vehicle use Management Action: All legal open routes will be signed, all routes identified as closed will be rehabilitated/restored, restore all undesigned OHV routes</p>	Trails and Travel Management

Area would be managed within the Pacific Crest Trail and Stoddard / Johnson SRMAs.	Recreation
Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.	Land Tenure
Objective 1: Protect resource values of the ACEC Objective 2: Maintain habitat connectivity Management Action 1: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. Management Action 2: Land Use Authorization proposals must not interfere with or inhibit wildlife crossing and movement through the area	Rights of Way (ROW)
No development Objective: Maintain integrity of large blocks of habitat Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.	Renewable Energy
Existing allotments are authorized but do not authorize new allotments or expansion of existing allotments (either in size or increase in number of AMUs), if willing relinquishment, would be made unavailable. A part of this ACEC is within the Round Mountain grazing allotment. Grazing will continue to be authorized in the overlap area and is governed by federal regulations including the achievement of standards and guidelines.	Livestock grazing



Conservation Footprint

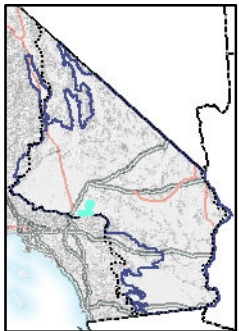
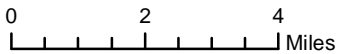
- | | |
|-----------------------------|----------------------------|
| National Conservation Lands | DRECP Boundary |
| ACEC Boundaries | CDCA Boundary |
| 0.25% Disturbance Cap | Renewable Footprint |
| 0.5% Disturbance Cap | Development Focus Areas |
| 1% Disturbance Cap | |

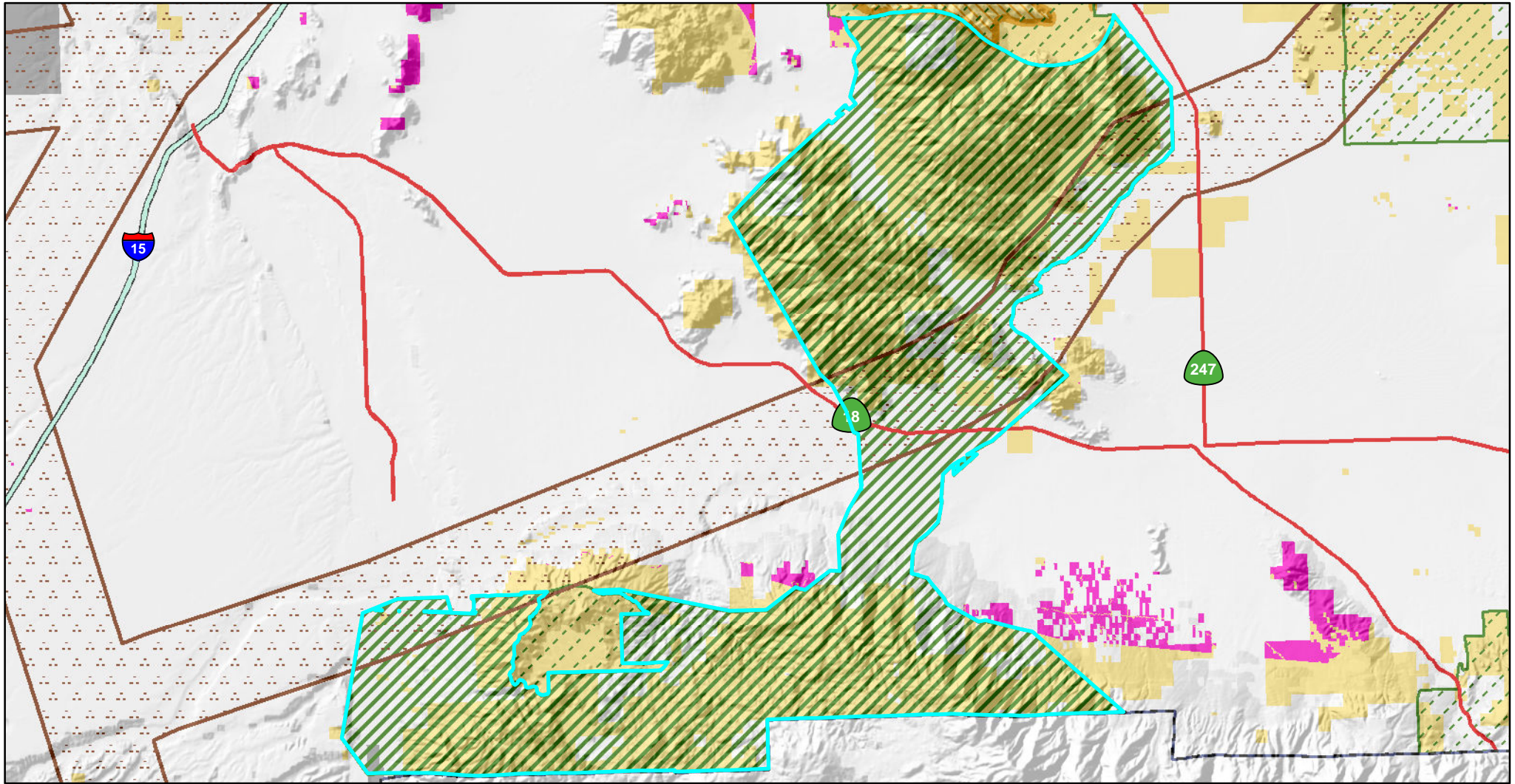
- Land Status**
- | |
|---------------------------|
| Bureau of Land Management |
| Department of Defense |

Granite Mountain Corridor



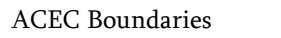

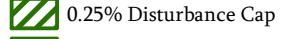
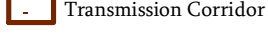
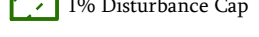
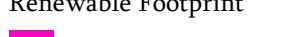
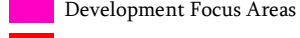
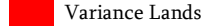
9/1/2015


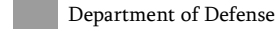
Draft Map Boundaries Subject to Change

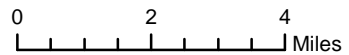




Conservation Footprint

-  National Conservation Lands
-  DRECP Boundary
-  ACEC Boundaries
-  CDCA Boundary
-  0.25% Disturbance Cap
-  Transmission Corridor
-  1% Disturbance Cap
-  Renewable Footprint
-  Development Focus Areas
-  Variance Lands

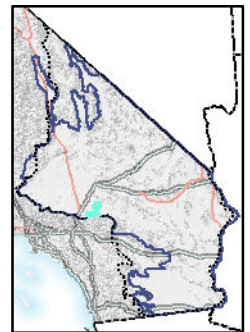
- Land Status**
-  Bureau of Land Management
 -  Department of Defense

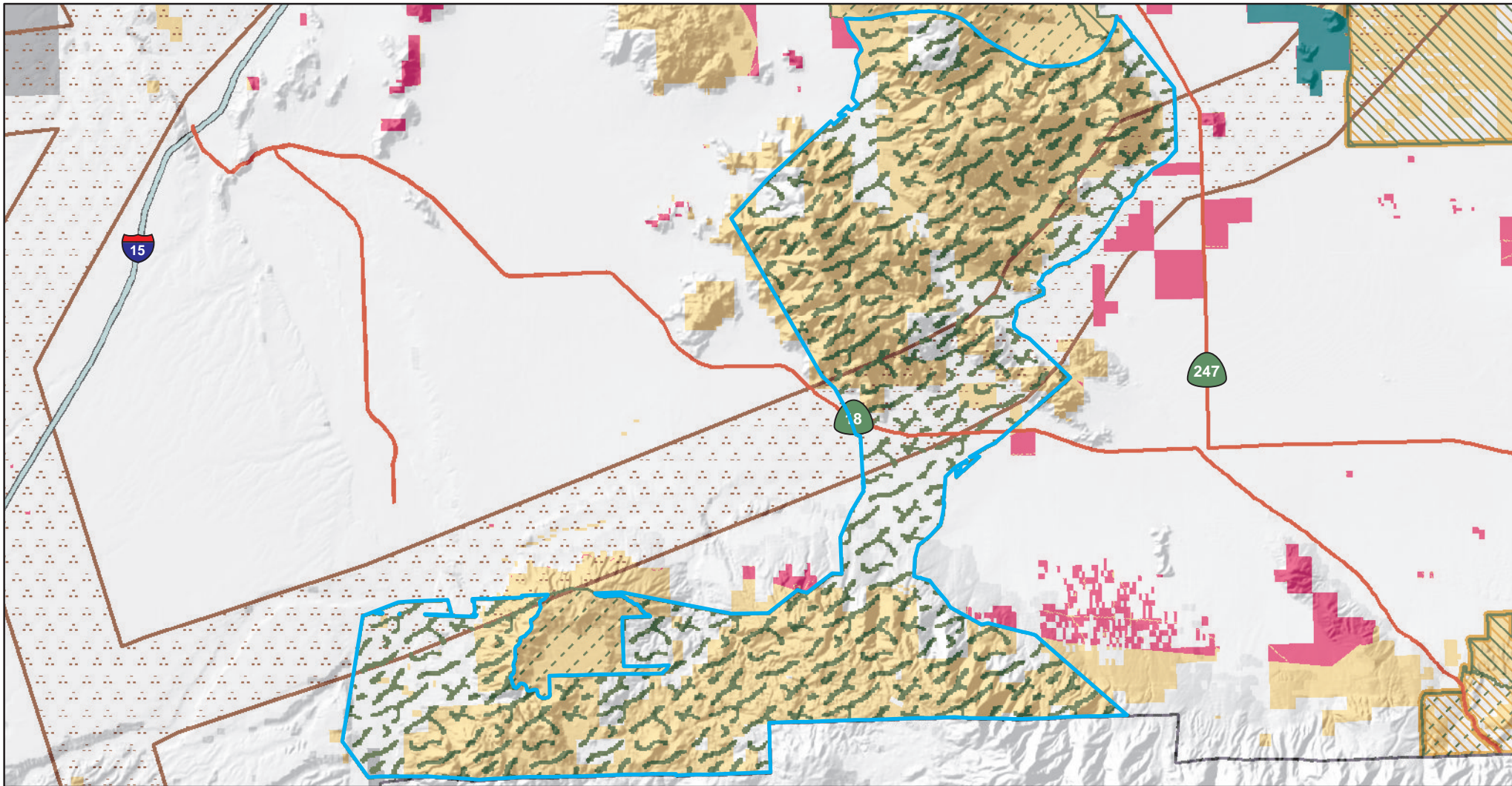


**Granite Mountain Corridor
Alternative 1**

8/25/2015

Draft Map Boundaries Subject to Change

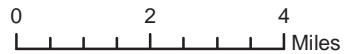




Conservation Footprint

- | | |
|-----------------------------|----------------------------|
| National Conservation Lands | DRECP Boundary |
| ACEC Boundaries | CDCA Boundary |
| 0.1% Disturbance Cap | Transmission Corridor |
| 0.5% Disturbance Cap | Renewable Footprint |
| 1% Disturbance Cap | Development Focus Areas |
| | Future Assessment Areas |

- Land Status**
- | |
|---------------------------|
| Bureau of Land Management |
| Department of Defense |

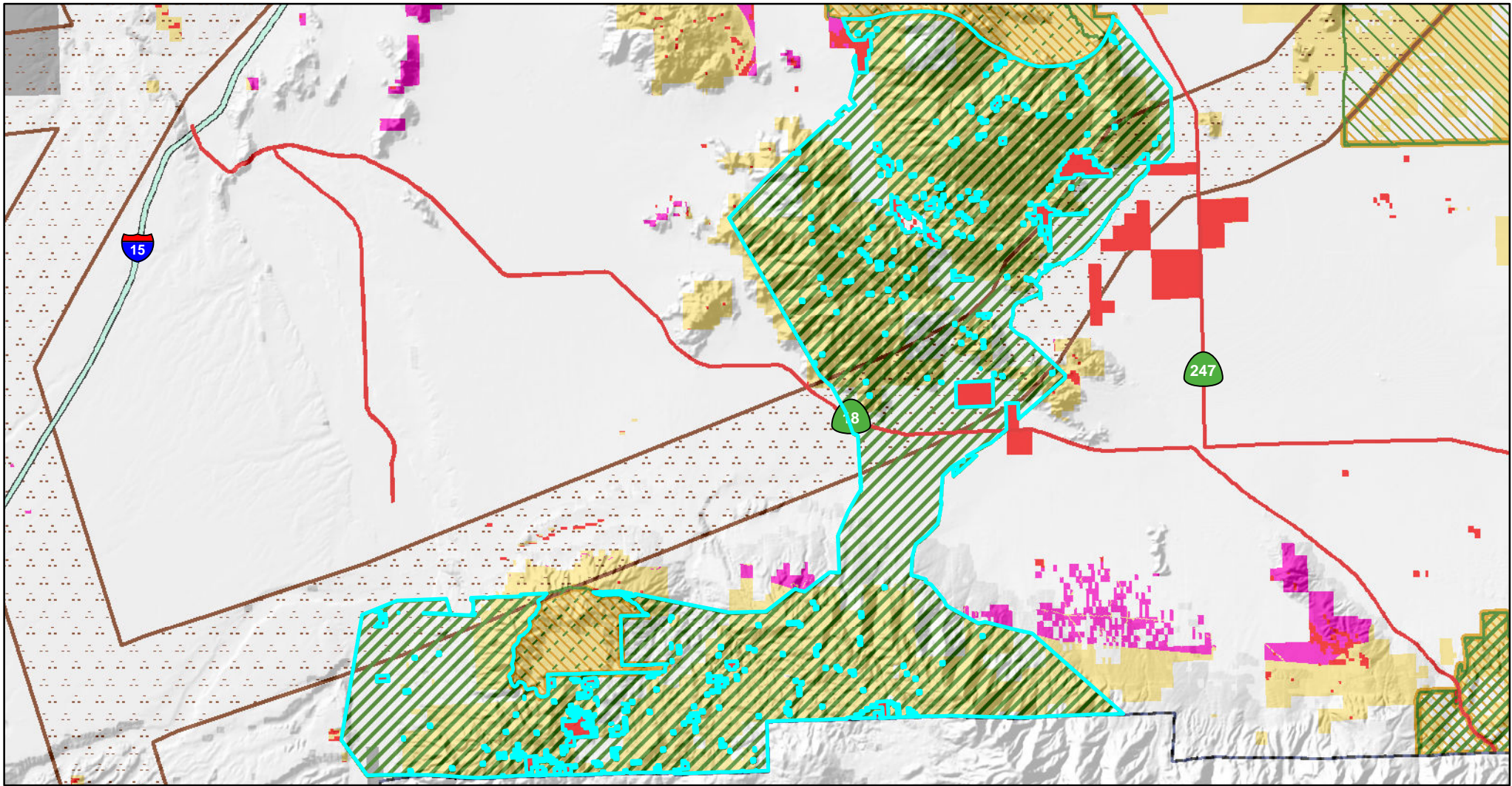


**Granite Mountain Corridor
Alternative 3**

8/26/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

- | | |
|-----------------------------|-------------------------|
| National Conservation Lands | DRECP Boundary |
| ACEC Boundaries | CDCA Boundary |
| 0.25% Disturbance Cap | Transmission Corridor |
| 0.5% Disturbance Cap | Renewable Footprint |
| 1% Disturbance Cap | Development Focus Areas |
| | Variance Lands |

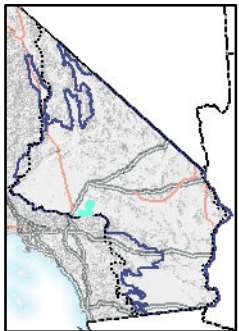
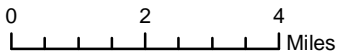
Land Status

- | |
|---------------------------|
| Bureau of Land Management |
| Department of Defense |

**Granite Mountain Corridor
Alternative 4**

8/27/2015

Draft Map Boundaries Subject to Change



Juniper Flats Cultural Area

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: Located in the Ord Mountains about 15 air miles south of Apple Valley, CA.

Nationally Significant Values:

Ecological: The Juniper Flats area serves as a transition zone from the higher elevation evergreen forest on National Forest Service lands to the south, and creosote and yucca habitat at lower elevations to the north, offering habitat diversity and connectivity for wildlife through Lucerne Valley and along the Mojave River. The area contains numerous springs and seeps as well as a few year-round streams which support a diverse array of flora and fauna.

Cultural: The area is an extremely diverse and dense region for cultural resources. There are numerous sites that meet criteria for the National Register of Historic Places associated with this unit. The area has numerous rock shelters and village sites. This is a transition area between the mountains and Mojave Desert and would lend to the understanding of migration patterns of local peoples. This area is of great importance to the San Manuel Band of Mission Indians.

Special Designations/Management Plan/Date: ACEC Plan No. 45, September 1988

Relevance and Importance Criteria: Relevant cultural and wildlife values. The area is an extremely diverse and dense region for cultural resources. The ACEC designation will best protect prehistoric and historic archaeological sites. It also provides habitat for the San Diego horned lizard and gray vireo, two species proposed for protection in the West Mojave Plan.

Grazing Allotment: This unit overlaps with Round Mountain Allotment.

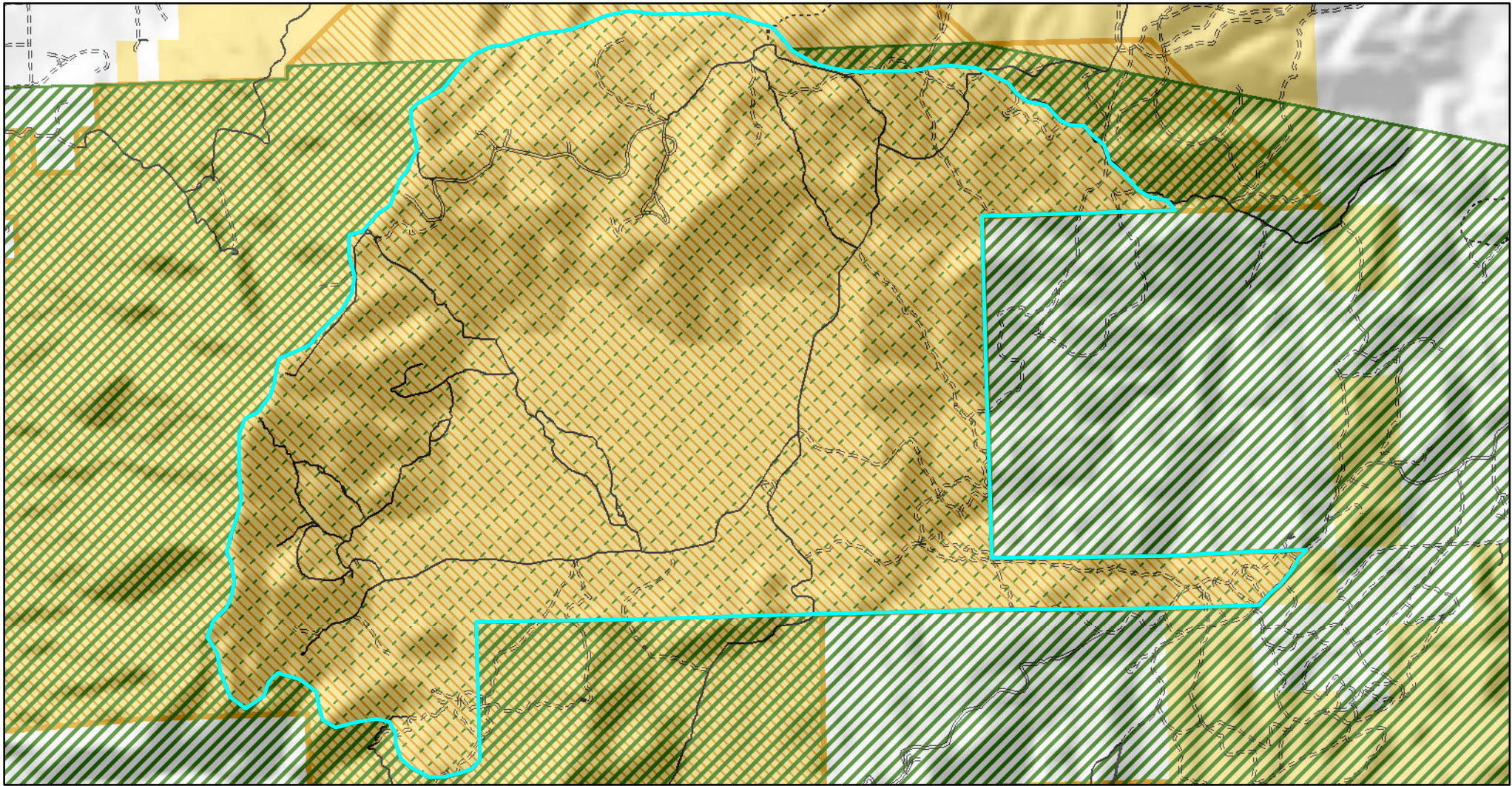
Overarching Goals: Properly manage historic and prehistoric resources in the area to avoid their destruction through coordinated management actions.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:				
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	2,400	0	NA
Preferred Alternative	2,387	2,400	0	1%
1	0	2,400	0	1%
2	2,400	2,400	0	1%
3	0	2,400	0	1%
4	2,400	2,400	0	1%
* Acreage values are for BLM managed lands				
Objectives (desired future conditions)/Allowable Uses/Management Actions				Resource
<p>Objective: Protect and enhance San Bernardino Mountains Dudleya (<i>Dudleya abramsii</i> ssp. <i>affinis</i>) populations. Protect Joshua tree woodlands, and cottonwood and willow riparian areas.</p> <p>Management Action: Survey for BLM sensitive species, identify current occupied and potential habitat, identify and implement actions to conserve and improve habitat conditions</p>				Vegetation - Including special status species
<p>Objective: Manage for the protection of sensitive wildlife species</p> <p>Special Status Species:</p> <ul style="list-style-type: none"> - San Diego horned lizard - Gray vireo <p>Management Action: Survey for BLM sensitive species, identify current occupied and potential habitat, identify and implement actions to conserve and improve habitat conditions</p>				Fish and Wildlife - Including special status species
<p>Objective: Protect sensitive cultural resources from human disturbance</p> <p>Allowable Uses: Restricted motorized use to designated routes of travel</p> <p>Management Action 1: Designated routes will be signed and managed in accordance to the local Travel Management Plan, as funding allows. Unauthorized routes will be rehabilitated/restored as funding allows.</p> <p>Management Action 2: Install signs and use barriers to direct vehicle traffic away from sensitive cultural resources</p>				Trails and Travel Management
<p>Objective: Provide for dispersed opportunities while protecting relevant resources</p> <p>Management Action: Do not establish new routes near sensitive cultural</p>				Recreation

resources. Increase compliance with routes of travel and/or the travel management plan	
Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.	Land Tenure
Objective: Protect resource values of the ACEC Management Action: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.	Rights of Way (ROW)
No development Objective: Maintain integrity of large blocks of habitat Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.	Renewable Energy



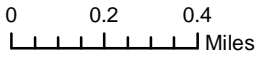
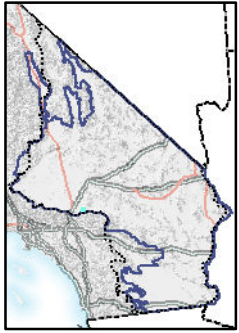
Conservation Footprint

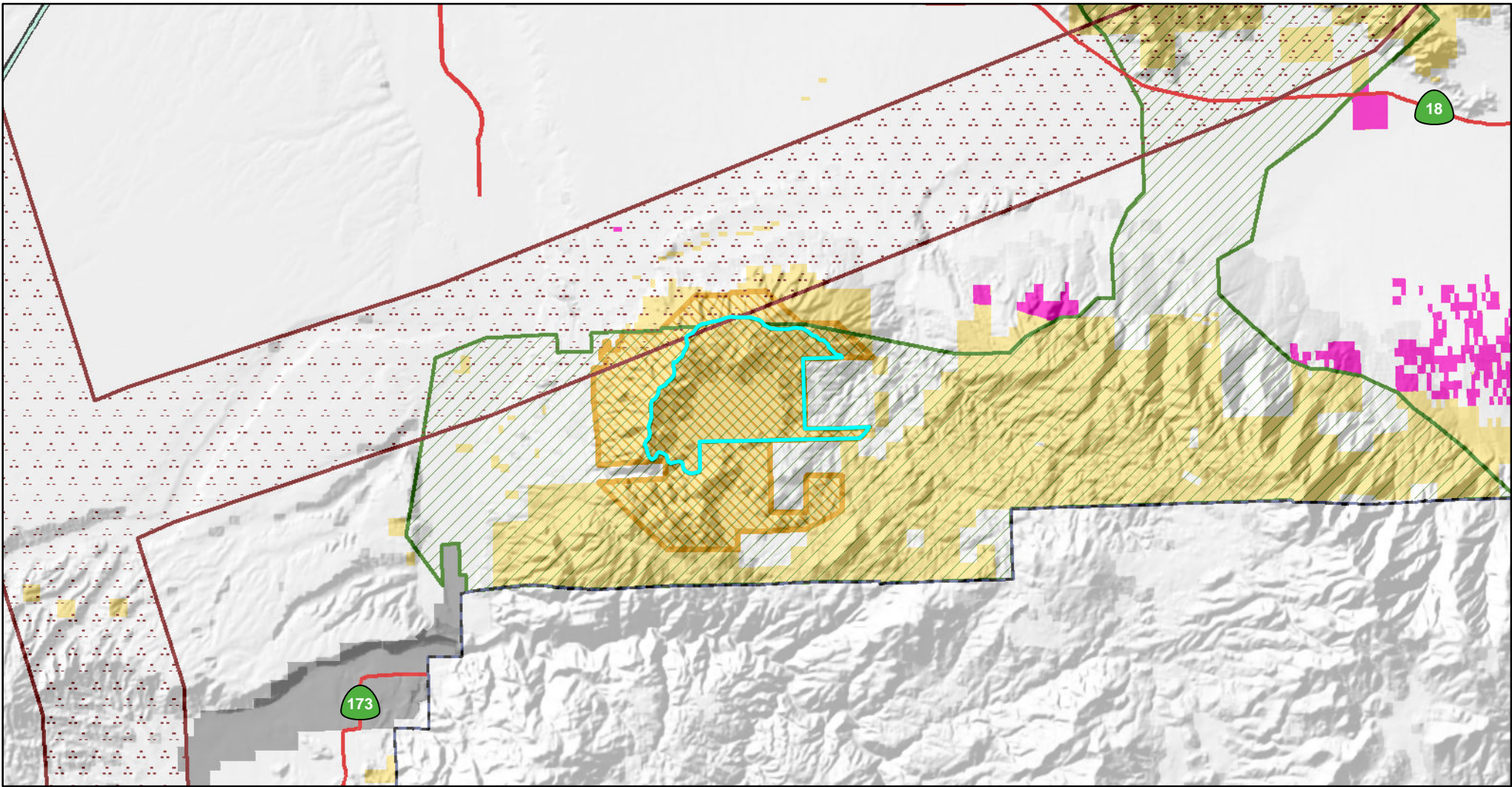
- National Conservation Lands
- DRECP Boundary
- Bureau of Land Management
- ACEC Boundaries
- CDCA Boundary
- 0.25% Disturbance Cap
- 1% Disturbance Cap

Juniper Flats







6/24/2015



Draft Map Boundaries Subject to Change



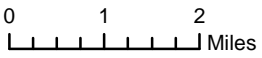


Conservation Footprint

-  National Conservation Lands
-  Proposed ACEC
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  Development Focus Areas

- Land Status**
-  Bureau of Land Management
 -  Department of Defense

Renewable Footprint

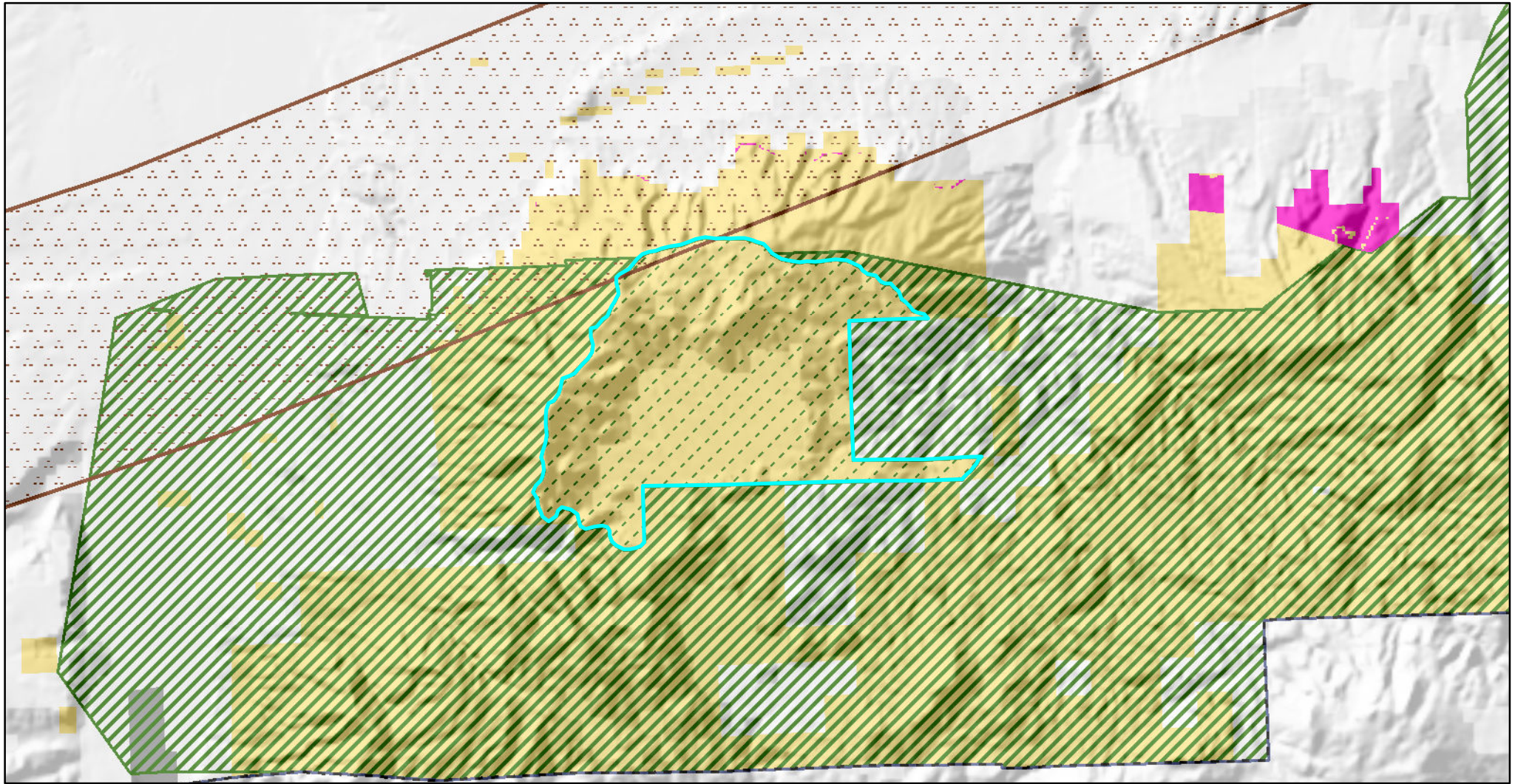


Juniper Flats

7/14/2015



Draft Map Boundaries Subject to Change





Conservation Footprint


ACEC Boundaries

-  0.25% Disturbance Cap
-  1% Disturbance Cap


DRECP Boundary

-  DRECP Boundary
-  CDCA Boundary



Transmission Corridor

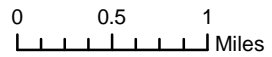
-  Transmission Corridor

Renewable Footprint

-  Development Focus Areas

Land Status

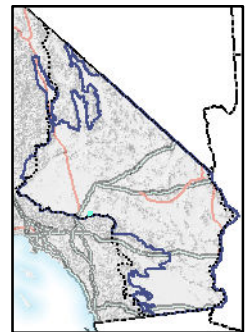
-  Bureau of Land Management
-  Department of Defense

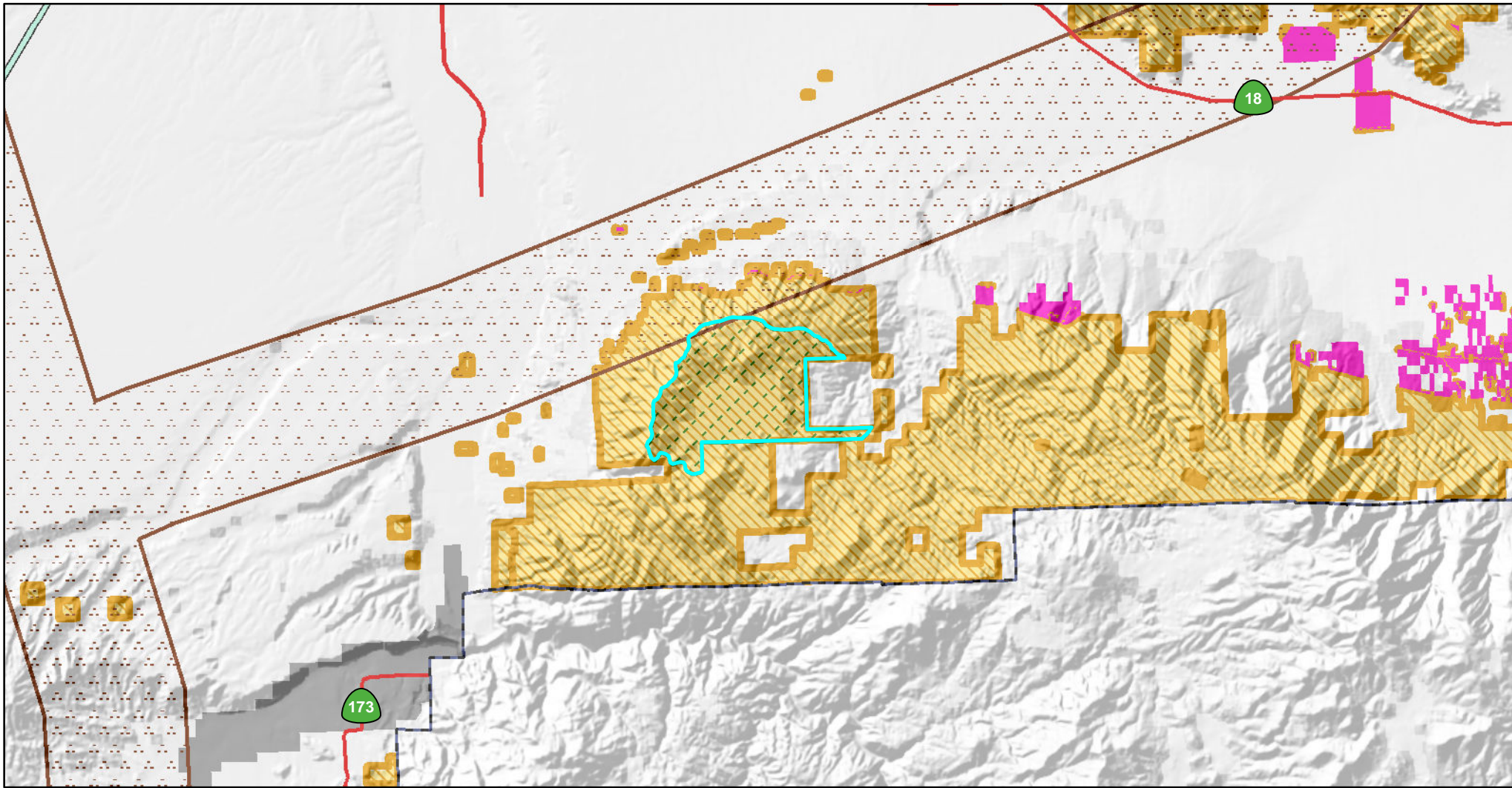


Juniper Flats Alternative 1

8/25/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

National Conservation Lands

ACEC Boundaries

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

Transmission Corridor

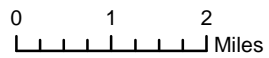
Renewable Footprint

Development Focus Areas

Land Status

Bureau of Land Management

Department of Defense

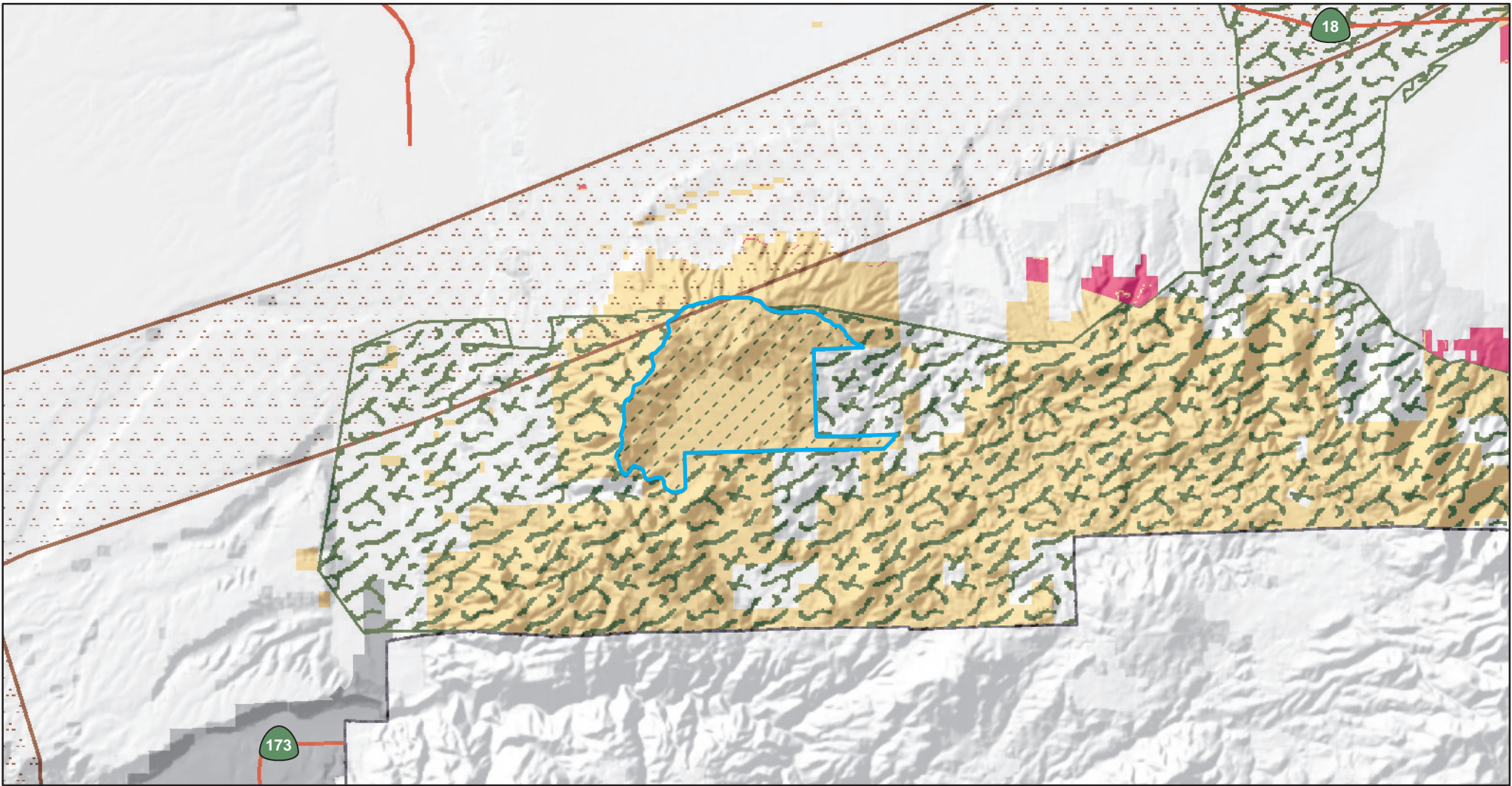


**Juniper Flats
Alternative 2**

8/26/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

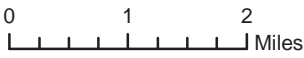
- | | | |
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| ACEC Boundaries | 0.1% Disturbance Cap | DRECP Boundary |
| | 1% Disturbance Cap | CDCA Boundary |
| | | Transmission Corridor |
| | | Renewable Footprint |
| | | Development Focus Areas |

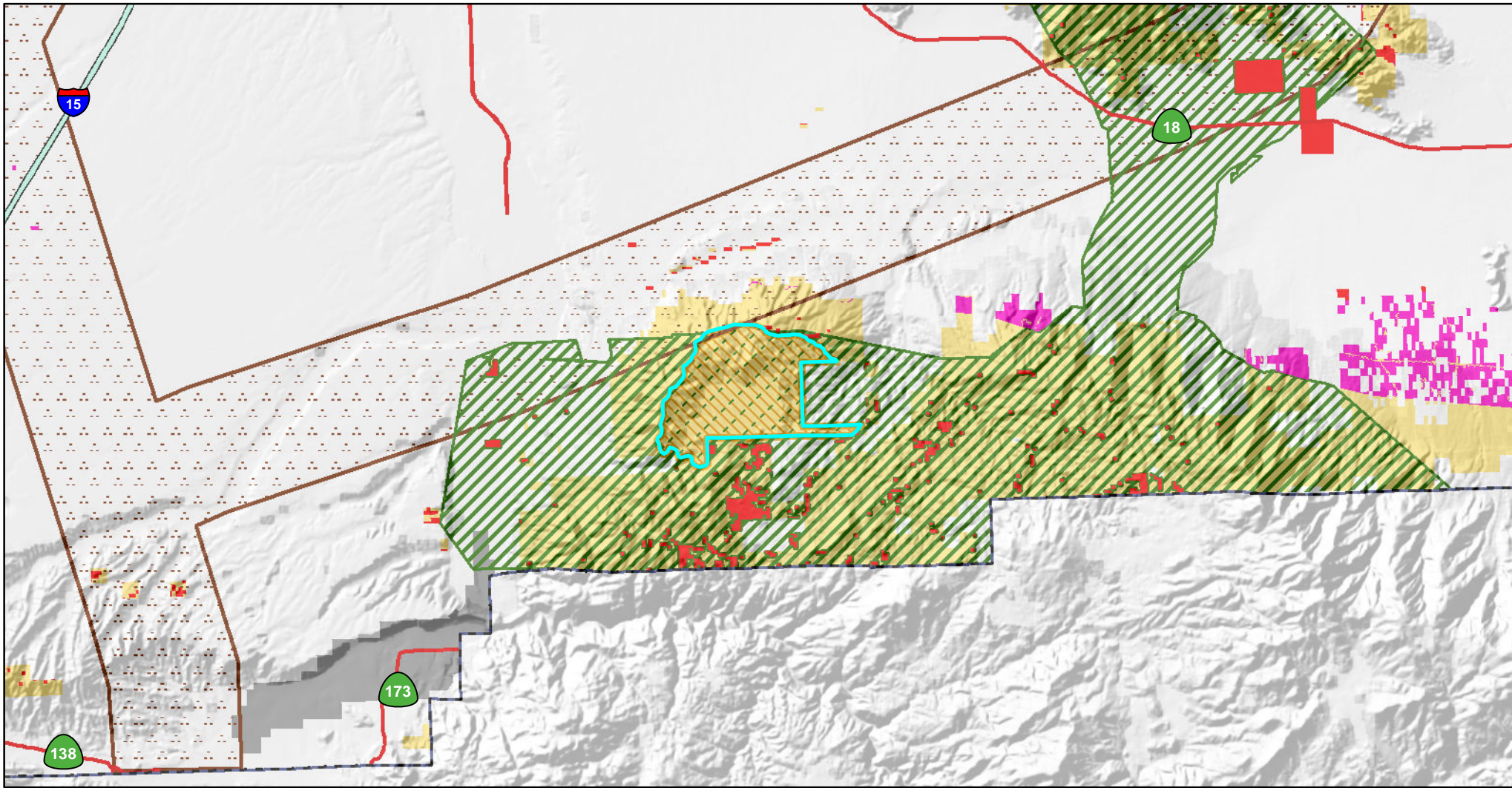
- Land Status**
- | |
|---------------------------|
| Bureau of Land Management |
| Department of Defense |

Juniper Flats
Alternative 3

8/26/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

National Conservation Lands

ACEC Boundaries

0.25% Disturbance Cap

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

Transmission Corridor

Renewable Footprint

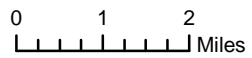
Development Focus Areas

Variance Lands

Land Status

Bureau of Land Management

Department of Defense

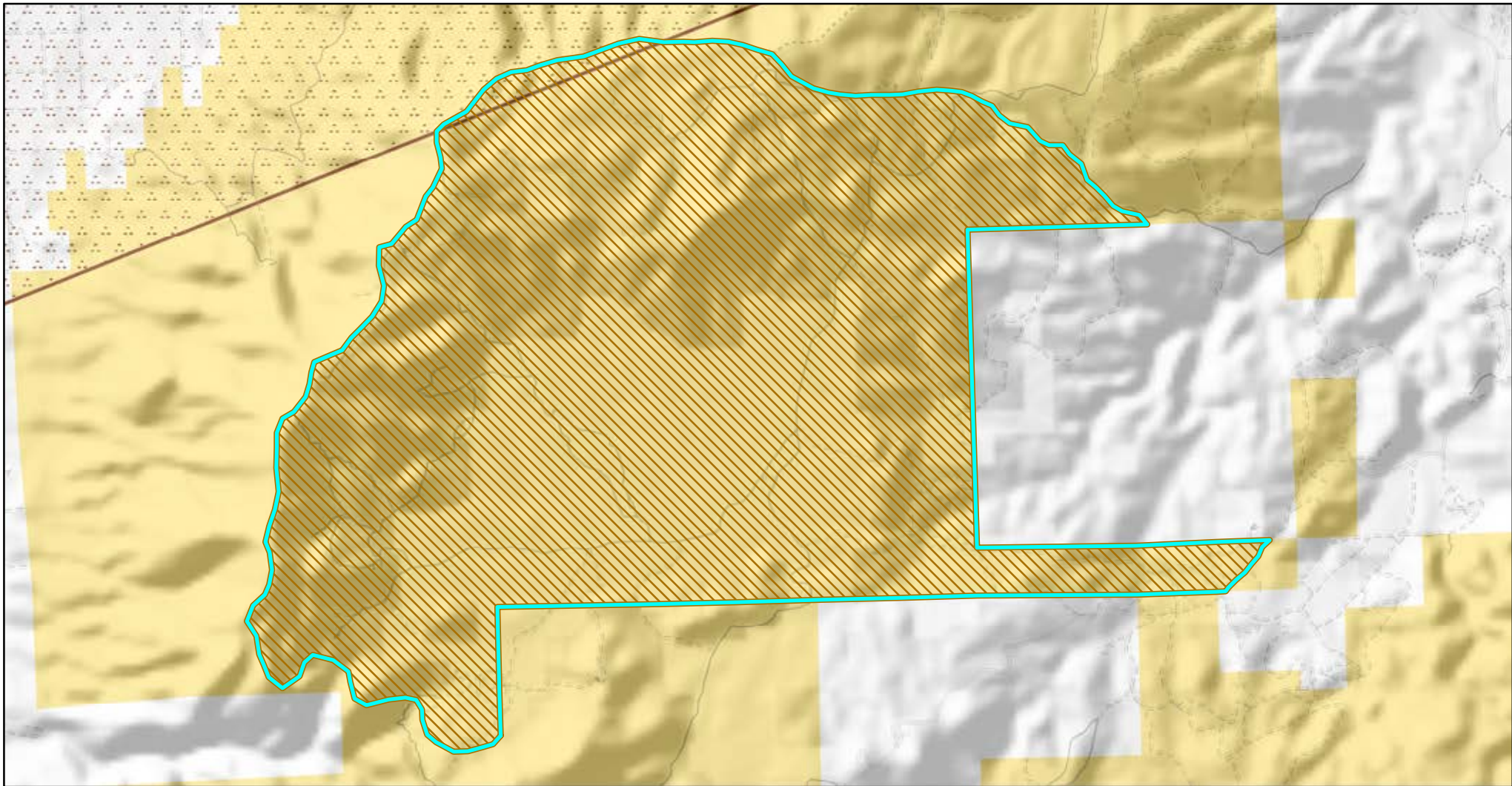


**Juniper Flats
Alternative 4**






8/27/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

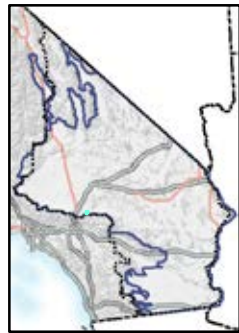
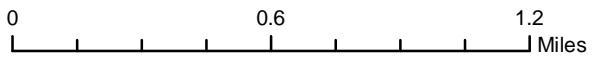
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|---|---|
|  Existing ACEC | Land Status |
|  Transmission Corridor |  Bureau of Land Management |
|  CDCA Boundary | |
|  DRECP Boundary | |

Juniper Flats

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Northern Lucerne Wildlife Linkage

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes; West Desert and Eastern Slopes

Description/Location: Connects Ord-Rodman ACEC to the Mojave monkey flower ACEC and Bendire's Thrasher ACEC and is approximately 16 miles south-southwest of Barstow.

Nationally Significant Values: Not proposed for NLCS designation.

Special Designations/Management Plan/Date: No previous special designation.

Relevance and Importance Criteria: Relevant biological resources including wildlife and plant assemblages. The area is critical for bighorn sheep, golden eagles, desert tortoise, prairie falcons and several other species. Additionally, numerous rare and sensitive plants have major populations here, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area. Without this corridor the towns of Lucerne Valley and Apple Valley will merge and create a block for wildlife movement.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Stoddard Mountain Allotment.

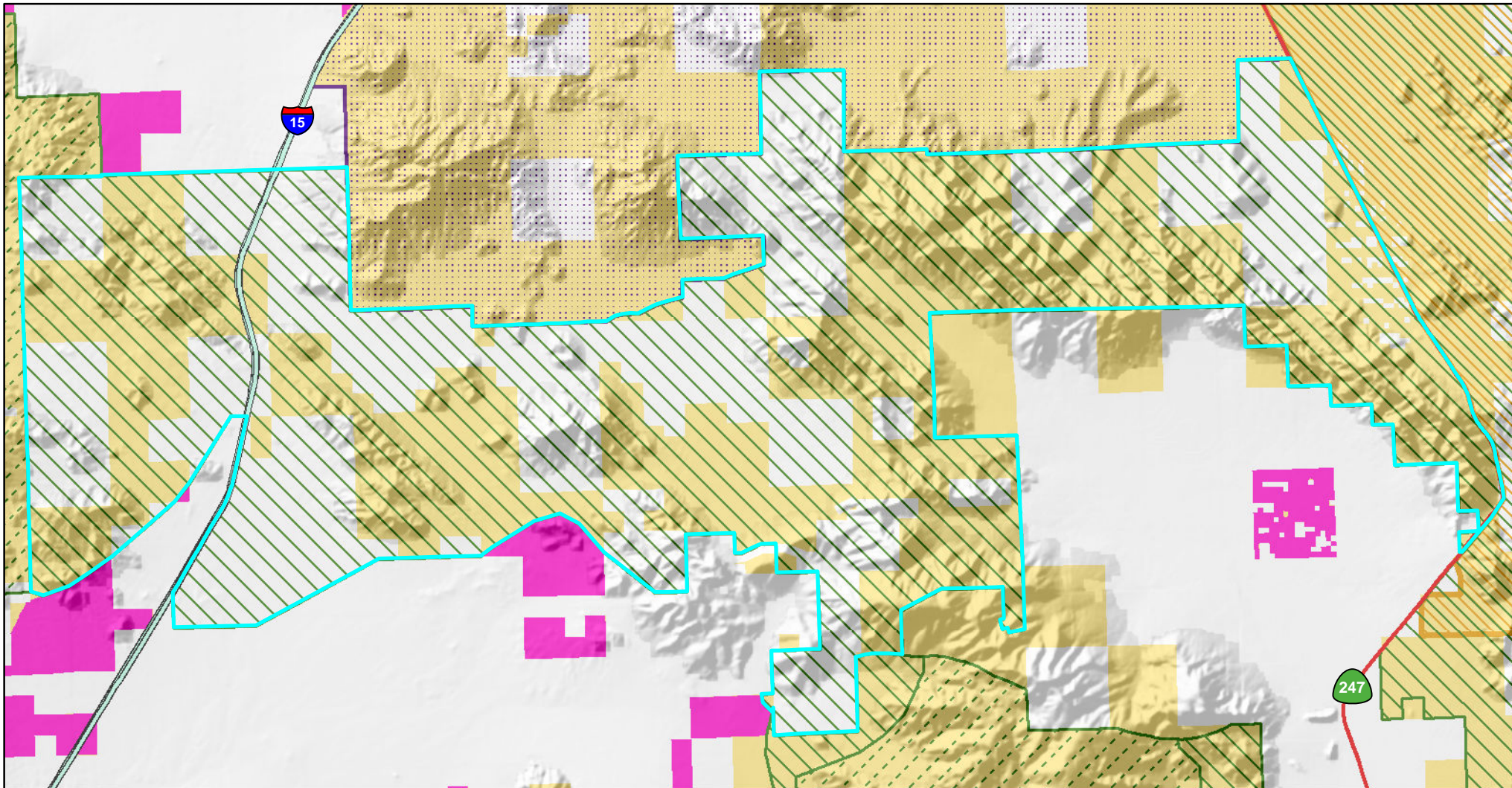
Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:				
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	0	0	NA
Preferred Alternative	0	21,897	0	0.5%
1	0	32,900	0	1%
2	0	0	0	NA
3	0	23,500	0	0.5%, 1%
4	0	21,100	0	0.25%
* Acreage values are for BLM managed lands				
Objectives (desired future conditions)/Allowable Uses/Management Actions			Resource	
Objective: Retain existing flow regime and volume in Mojave River Action: Secure Federal Reserve Water Right			Soil, water, air	
Objective: Maintain or Improve condition of sensitive plant habitat Management Action1: Remove invasive plants, rehabilitate/revegetate disturbed areas Management Action 2: Protect populations of special status plants Known rare plants: Barstow wooly sunflower Mojave monkey flower			Vegetation - Including special status species	
Objective: Maintain or improve condition of sensitive wildlife habitat Sensitive Species: Burrowing owl Lecontes thrasher Prairie falcon Golden eagles Management Action 1: Protect nesting Golden Eagle habitat, ensure productive nesting Management Action 2: Maintain viable populations and connections between other ACECs and critical habitat for Desert Tortoise			Fish and Wildlife Including special status species	
Objective: Protect sensitive habitat from impacts associated with vehicle traffic Allowable Uses: All vehicle traffic limited to designated roads and trails Management Action 1: Establish no new routes in ACEC Management Action 2: Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes			Trails and Travel Management	

<p>Objective: Inform the public of the importance of the ACEC Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert</p>	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.</p>	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC Management Action: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.</p>	<p>Rights of Way (ROW)</p>
<p>No development Objective: Maintain integrity of large blocks of habitat Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>
<p>Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable. A part of this ACEC is within the Stoddard Mountain grazing allotment. Grazing will continue to be authorized in the overlap area and is governed by federal regulations including the achievement of standards and guidelines.</p>	<p>Livestock grazing</p>



Conservation Footprint

National Conservation Lands

ACEC Boundaries

0.5% Disturbance Cap

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

OHV Boundary

Renewable Footprint

Development Focus Areas

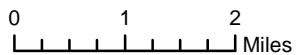
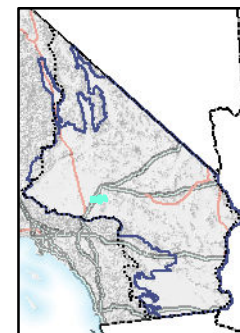
Land Status

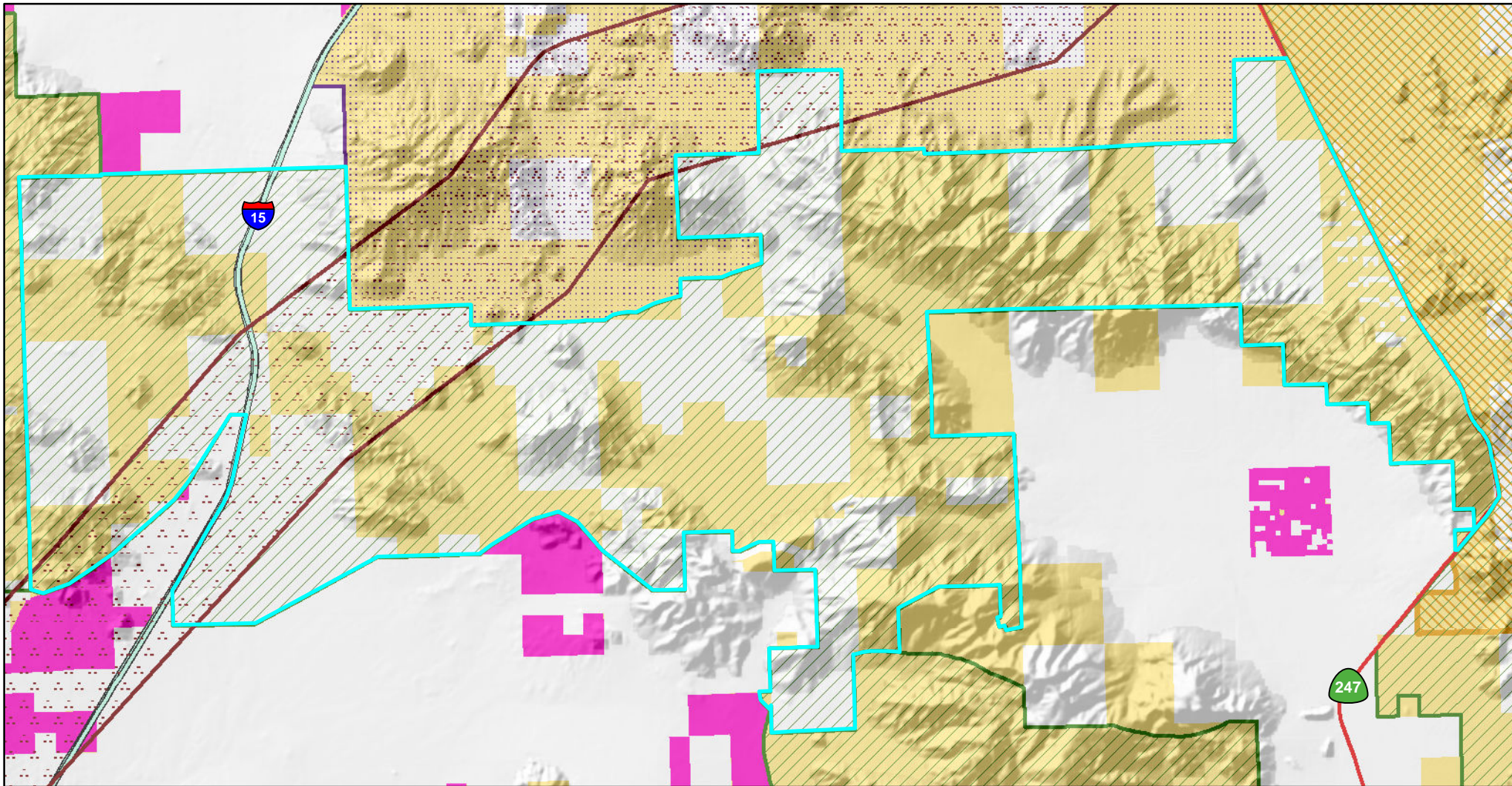
Bureau of Land Management

Northern Lucerne Wildlife Linkage



9/1/2015





Draft Map Boundaries Subject to Change






Conservation Footprint


-  National Conservation Lands
-  Proposed ACEC

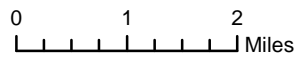
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary

Renewable Footprint

-  Development Focus Areas

Land Status

-  Bureau of Land Management

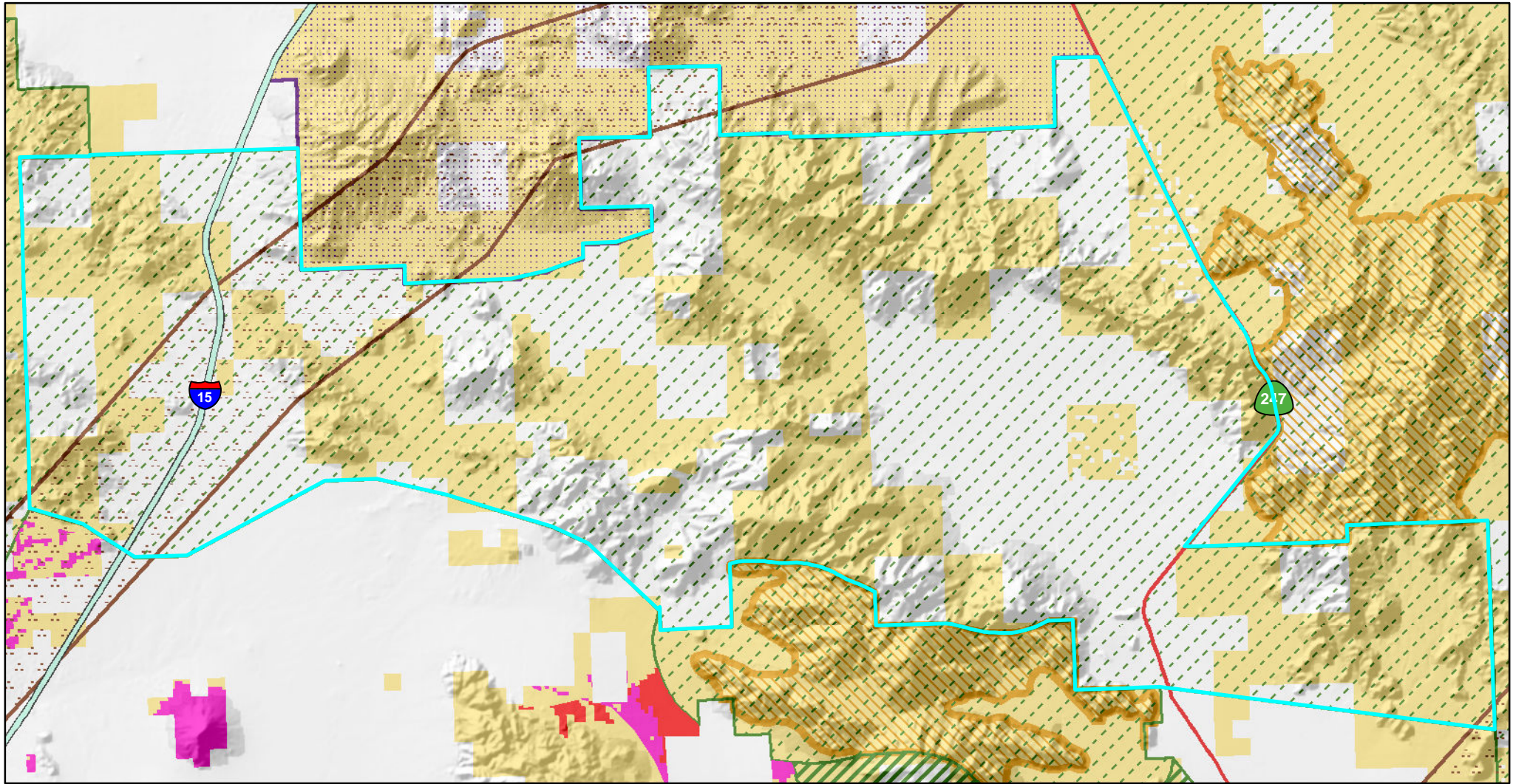


Northern Lucerne Wildlife Linkage











7/14/2015

Draft Map Boundaries Subject to Change




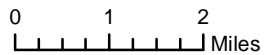


Conservation Footprint

-  National Conservation Lands
-  DRECP Boundary
-  ACEC Boundaries
-  CDCA Boundary
-  0.25% Disturbance Cap
-  Transmission Corridor
-  1% Disturbance Cap
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas
-  Variance Lands

Land Status

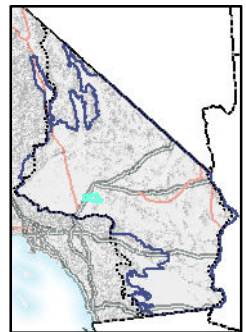
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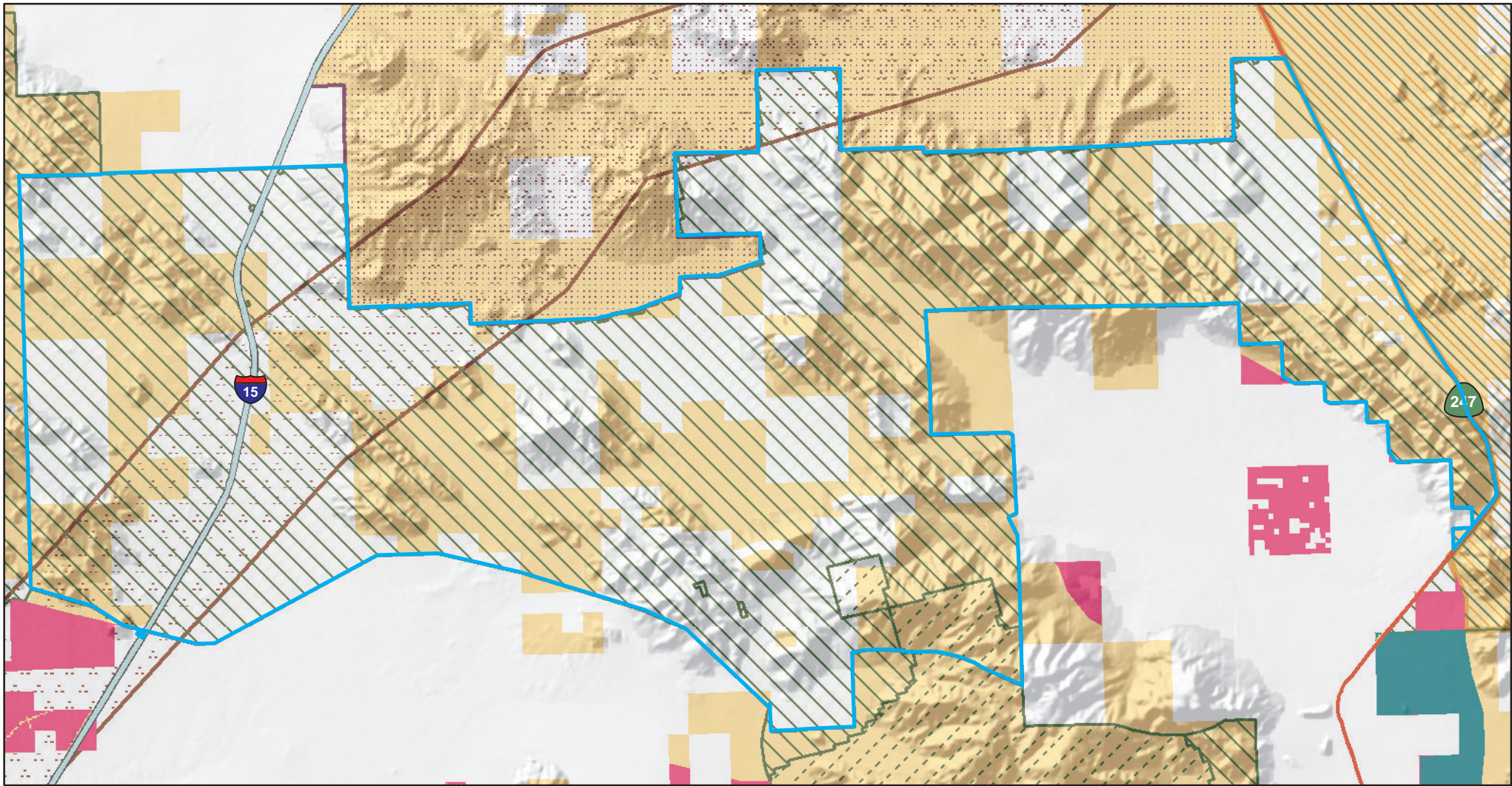


**Northern Lucerne Wildlife Linkage
Alternative 1**

8/25/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

National Conservation Lands

ACEC Boundaries

0.5% Disturbance Cap

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

Transmission Corridor

OHV Boundary

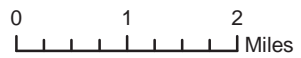
Renewable Footprint

Development Focus Areas

Future Assessment Areas

Land Status

Bureau of Land Management



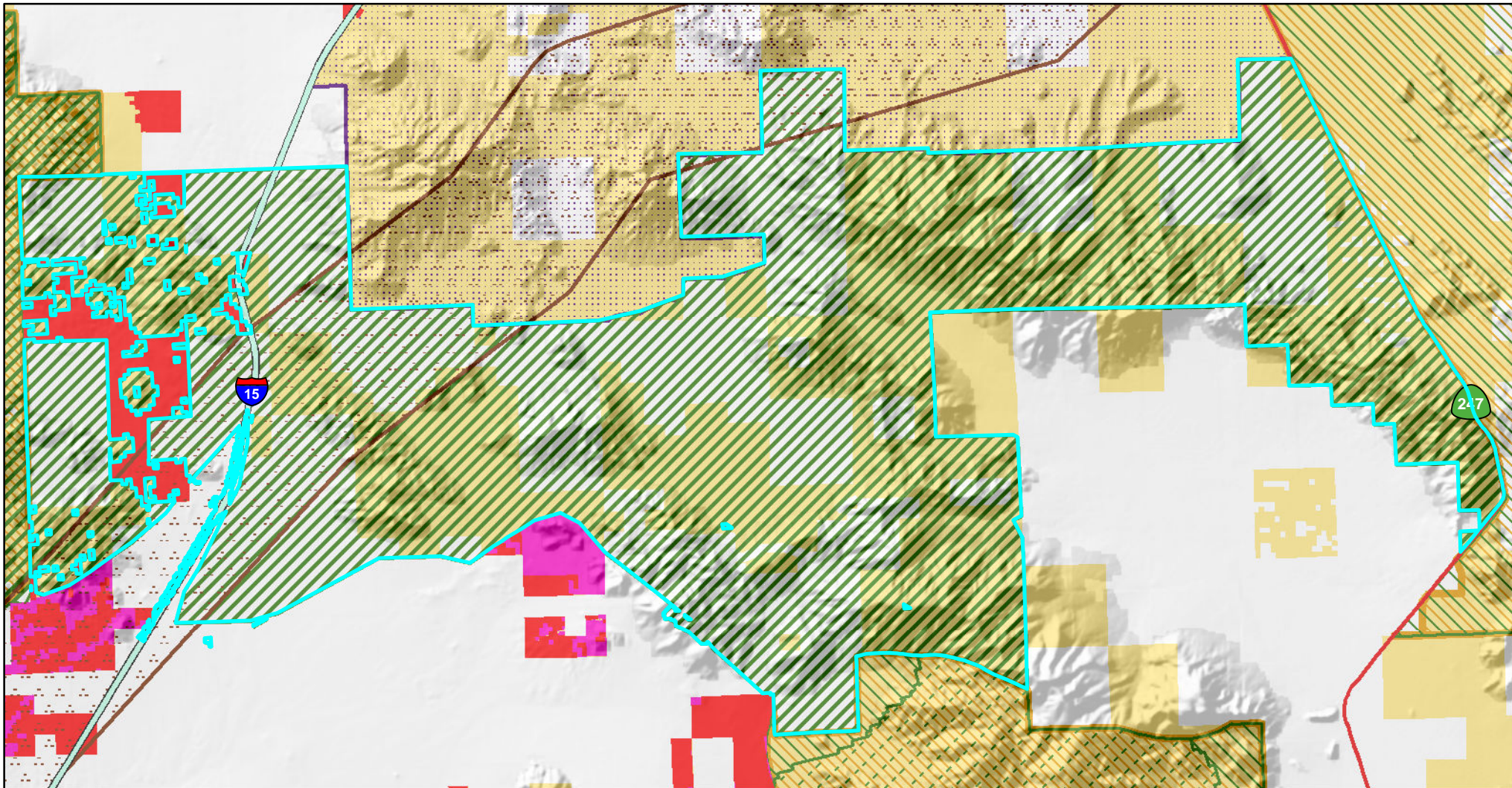
Northern Lucerne Wildlife Linkage

Alternative 3

8/26/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

National Conservation Lands

ACEC Boundaries

0.25% Disturbance Cap

0.5% Disturbance Cap

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

OHV Boundary

Transmission Corridor

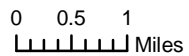
Renewable Footprint

Development Focus Areas

Variance Lands

Land Status

Bureau of Land Management

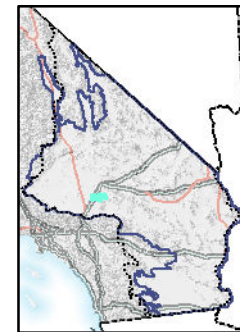


Northern Lucerne Wildlife Linkage

Alternative 4

8/27/2015

Draft Map Boundaries Subject to Change



Old Woman Springs Wildlife Linkage

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: South and west of Hwy 247, north and east of Bighorn Mountain Wilderness, between the towns of Lucerne Valley and Yucca Valley and Pioneertown. Under some Alternatives, the eastern and western ends of this ACEC are called out separately as Bighorn East and Bighorn West respectively.

Nationally Significant Values:

Ecological: The area is critical for bighorn sheep, Mojave fringed toed lizards, desert tortoise, burrowing owl and several other species. Additionally, numerous rare and sensitive plants have major populations here; Joshua tree woodland is also present, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area.

Special Designations/Management Plan/Date: No previous special designation.

Relevance and Importance Criteria: Relevant biological resources including wildlife and plant assemblages. The area is critical for bighorn sheep, Mojave fringed toed lizards, desert tortoise, burrowing owl and several other species. Additionally, numerous rare and sensitive plants have major populations here, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area.

Grazing Allotment: This unit overlaps with the Rattlesnake Canyon Allotment.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:

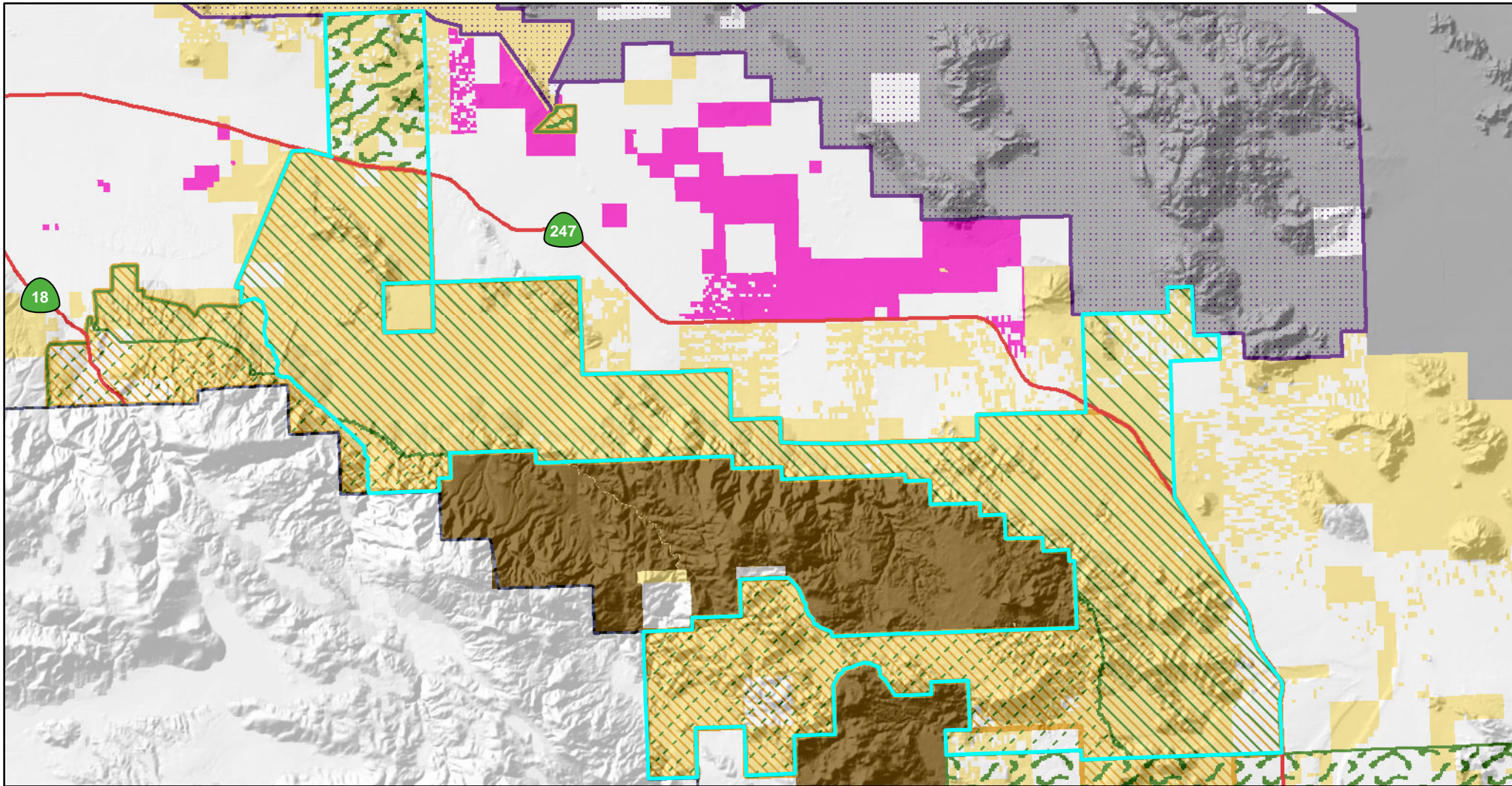
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	0	0	NA
Preferred Alternative	50,201	55,981	0	0.10%, 0.5%, 1%
1	18,700	51,800	16,076	0.10%, 1%
2	10,100	11,700	0	0.10%
3	67,100	69,100	0	0.10%, 0.5%, 1%
4	15,200	0	15,162	NA

* Acreage values are for BLM managed lands






Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or Improve condition of sensitive plant habitat and Joshua tree woodland</p> <p>Management Action1: Remove invasive plants, rehabilitate/revegetate disturbed areas</p> <p>Management Action 2: Protect populations of special status plants</p> <p>Known rare plants:</p> <p><i>Piranga rubra</i></p> <p><i>Mimulus mohavensis</i></p> <p><i>Mentzelia tridentate</i></p> <p><i>Chorizanthe xanti</i></p> <p><i>Linanthus maculatus</i></p> <p><i>Astragalus bernardinus</i></p> <p>Management Action 3: Monitor Joshua tree woodland population trends, remove/prevent threats, and take remedial actions when impacts occur.</p>	Vegetation - Including special status species
<p>Objective: Maintain or Improve condition of sensitive wildlife habitat</p> <p>Sensitive Species:</p> <p>Burrowing owl</p> <p>Lecontes thrasher</p> <p>Prairie falcon</p> <p>Golden eagles</p> <p>Management Action 1: Protect nesting Golden Eagle habitat, ensure productive nesting</p> <p>Management Action 2: Maintain viable populations and connections between other conservation areas</p>	Fish and Wildlife Including special status species




<p>Objective: Maintain or improve condition of Nelson Desert Bighorn Sheep habitat Management Action 1: Maintain viable populations and connections between other conservation areas Management Action 2: Evaluate water sources and determine if artificial water sources should be developed</p> <p>Objective: Maintain or improve condition of Desert Tortoise habitat Management Action: Maintain viable populations and connections between other conservation areas</p>	
<p>See programmatic ACEC cultural resources objective and action items in general cultural resources rules.</p>	<p>Cultural Resources</p>
<p>Objective: General Management and Protection of Paleontological Resources Management Action 1: Manage and protect fossil resources consistent with the Paleontological Resources Preservation Act Management Action 2: Develop plans for the inventory, monitoring, and scientific and educational use of paleontological resources as needed</p>	<p>Paleontology</p>
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic Allowable Uses: All vehicle traffic limited to designated roads and trails Management Action 1: Establish no new routes in ACEC Management Action 2: Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes</p>	<p>Trails and Travel Management</p>
<p>Objective: Inform the public of the importance of the ACEC Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert</p>	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.</p>	<p>Land Tenure</p>
<p>Objective 1: Protect resource values of the ACEC Objective 2: Maintain wildlife linkage Management Action 1: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. Management Action 2: New proposals must not interfere with or inhibit wildlife crossing and movement through the area</p>	<p>Rights of Way (ROW)</p>

<p>No development Objective: Maintain integrity of large blocks of habitat Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>
<p>Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable</p> <p>A part of this ACEC is within the Rattlesnake Canyon grazing allotment. Grazing will continue to be authorized in the overlap area and is governed by federal regulations including the achievement of standards and guidelines.</p>	<p>Livestock grazing</p>





Conservation Footprint

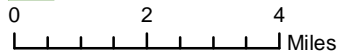
-  Legislatively & Legally Protected Areas
 -  National Conservation Lands
- ACEC Boundaries**
-  0.1% Disturbance Cap
 -  0.5% Disturbance Cap
 -  1% Disturbance Cap

-  DRECP Boundary
-  CDCA Boundary
-  OHV Boundary

- Renewable Footprint**
-  Development Focus Areas

Land Status

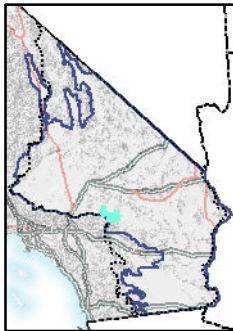
-  Bureau of Land Management
-  Department of Defense

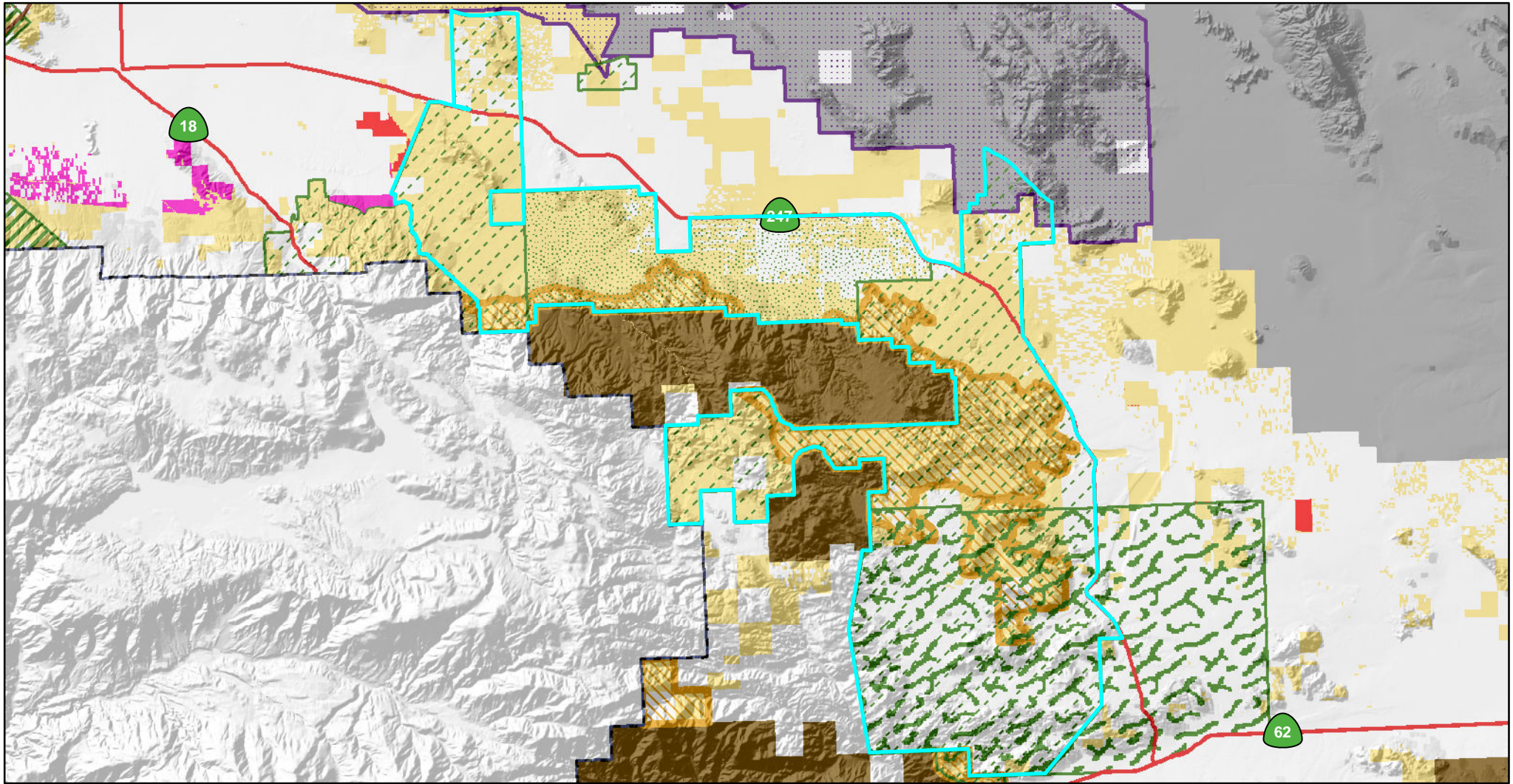


Old Woman Springs Wildlife Linkage













6/24/2015



Draft Map Boundaries Subject to Change

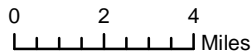




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.1% Disturbance Cap
-  0.25% Disturbance Cap
-  1% Disturbance Cap
-  Wildlife Allocation
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas
-  Variance Lands

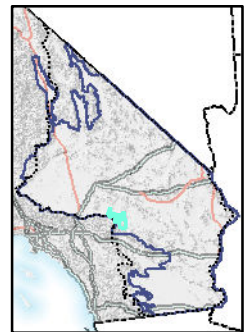
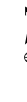
- Land Status**
-  Bureau of Land Management
 -  Department of Defense

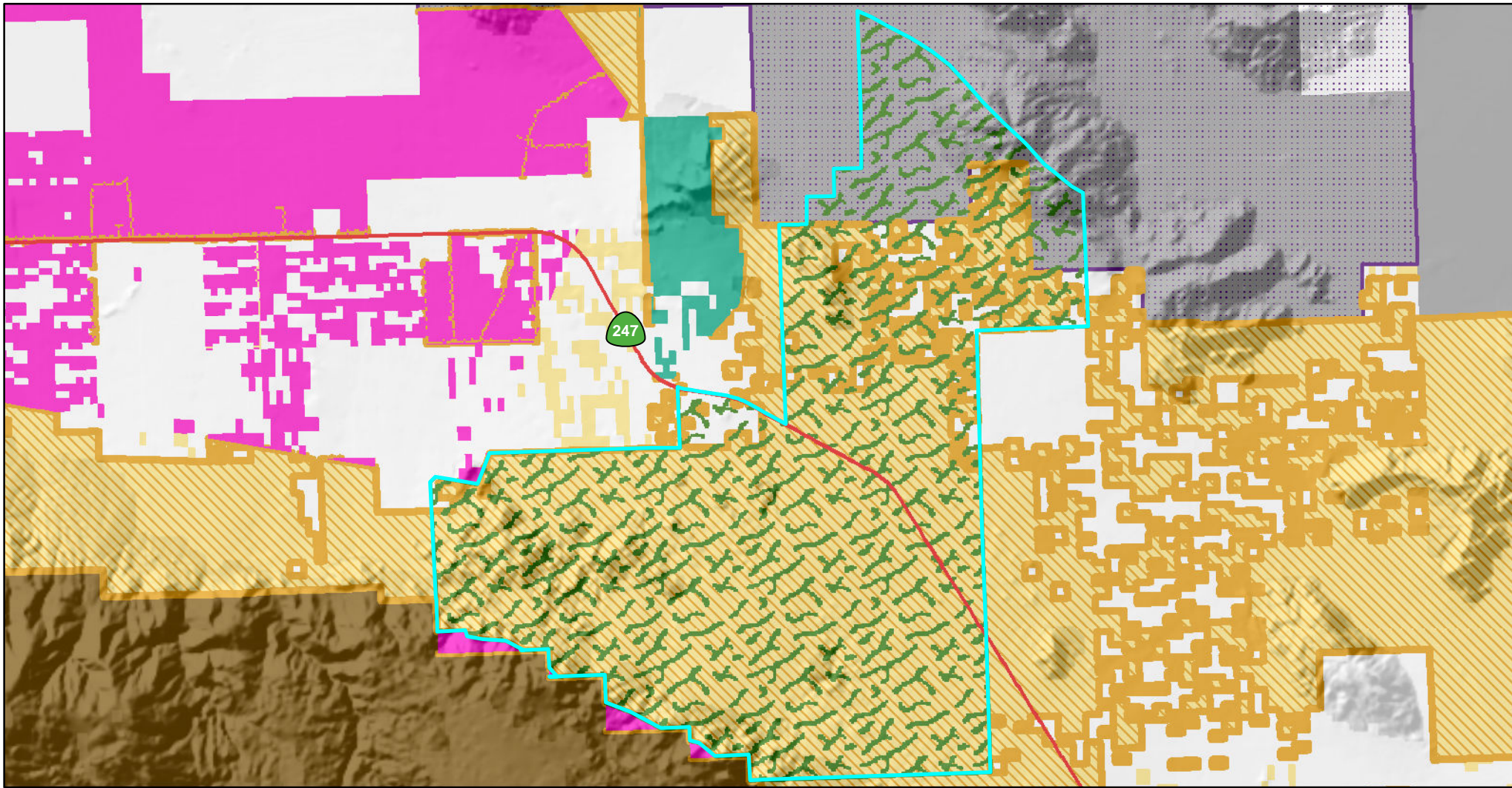


**Old Woman Springs Wildlife Linkage
Alternative 1**







8/25/2015

Draft Map Boundaries Subject to Change









Conservation Footprint

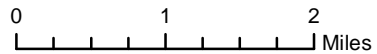
-  Legislatively & Legally Protected Areas
-  DRECP Boundary
-  National Conservation Lands
-  CDCA Boundary
- ACEC Boundaries**
-  OHV Boundary
-  0.1% Disturbance Cap

Renewable Footprint

-  Development Focus Areas
-  Future Assessment Areas

Land Status

-  Bureau of Land Management
-  Department of Defense

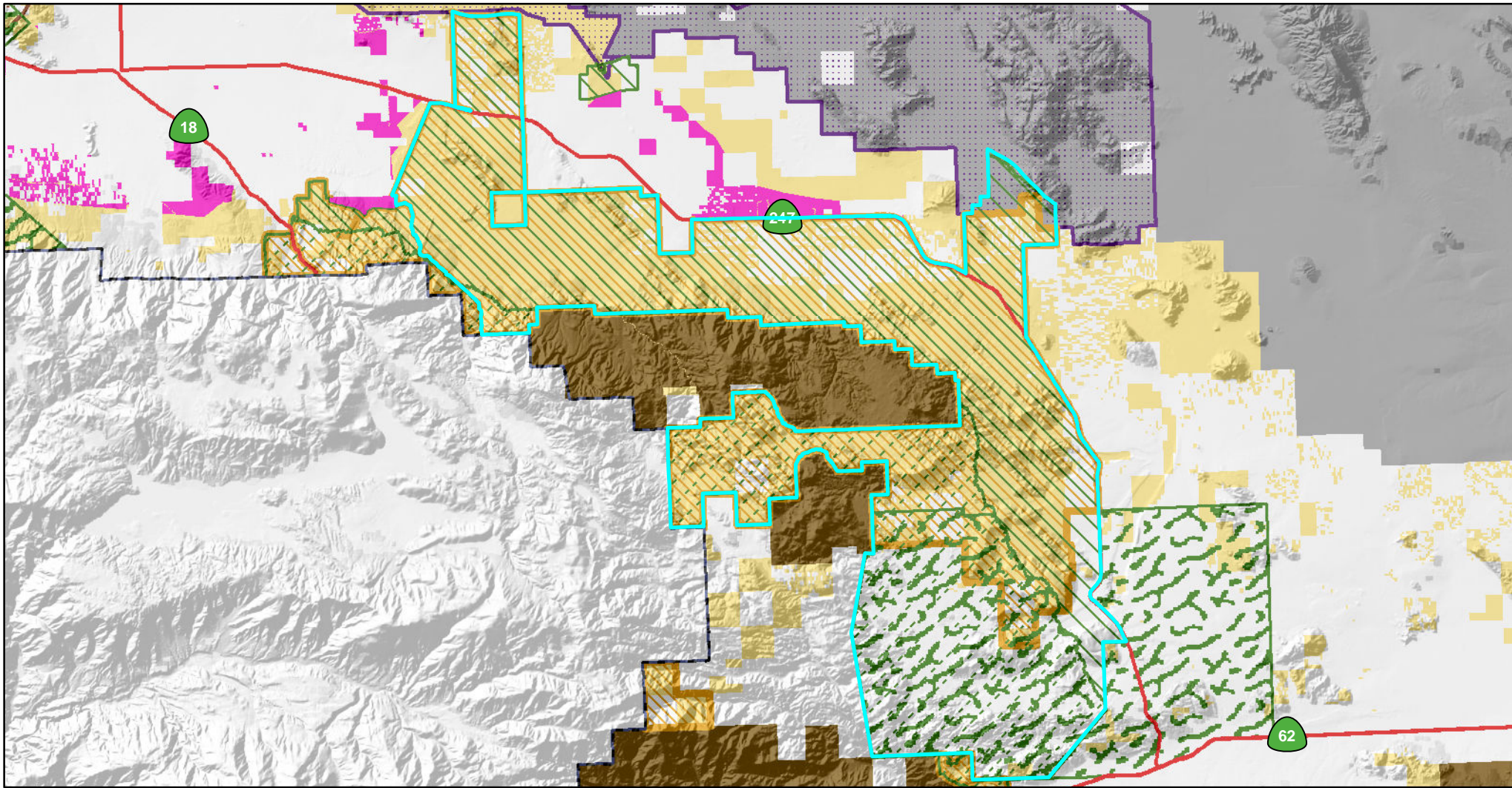


**Old Woman Springs Wildlife Linkage
Alternative 2**






8/26/2015






Draft Map Boundaries Subject to Change





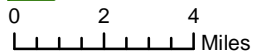


Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.1% Disturbance Cap
-  0.5% Disturbance Cap
-  1% Disturbance Cap

-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas

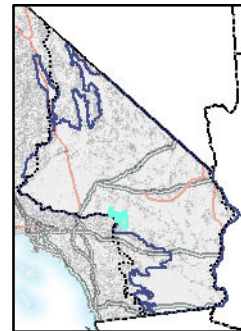
- Land Status**
-  Bureau of Land Management
 -  Department of Defense

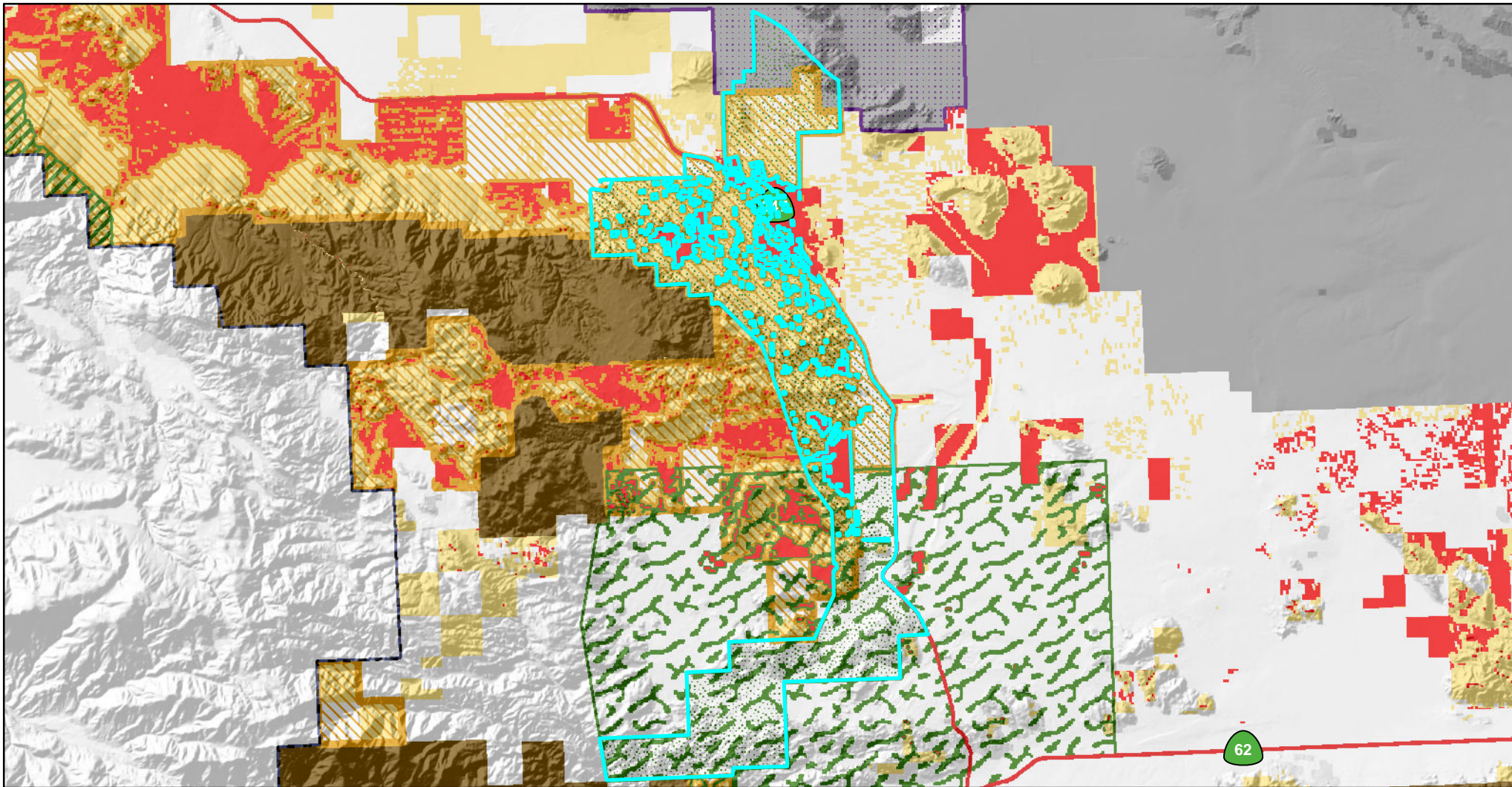


**Old Woman Springs Wildlife Linkage
Alternative 3**










8/27/2015

Draft Map Boundaries Subject to Change










Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.1% Disturbance Cap
-  0.25% Disturbance Cap
-  1% Disturbance Cap
-  Wildlife Allocation
-  DRECP Boundary
-  CDCA Boundary
-  OHV Boundary

Land Status

-  Bureau of Land Management
-  Department of Defense

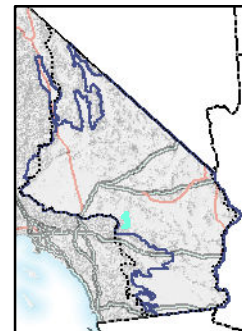
Renewable Footprint

-  Development Focus Areas
-  Variance Lands
- 0 1 2
-  Miles

Old Woman Springs Wildlife Linkage
Alternative 4

8/27/2015

Draft Map Boundaries Subject to Change



Ord Rodman

National Conservation Lands Ecoregion: Mojave and Silurian Valley; Pinto Lucerne Valley and Eastern Slopes; South Mojave-Amboy; West Desert and Eastern Slopes

Description/Location: The boundaries of this ACEC correspond to the general boundaries identified by the Desert Tortoise (Mojave Population) Recovery Plan (Recovery Plan) and consists of 392 square miles. Some of the alternatives would expand this ACEC.

Nationally Significant Values:

Ecological: This area provides high density Desert Tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage.

Scientific: Parts of this area have been the subject of long-term population monitoring studies for the desert tortoise.

Special Designations/Management Plan/Date: Established in WEMO, March 2006. The West Mojave Plan serves as the ACEC management plan so that a future ACEC plan was not required.

Relevance and Importance Criteria: This area provides high density Desert tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage.

Relevant wildlife resource values. Desert Tortoise habitat capable of sustaining viable tortoise populations and the highest value critical habitat.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Ord Mountain, Stoddard Mountain, and Valley Well Allotments.

Lands with Wilderness Characteristics: This unit overlaps with 8,642 acres of lands that would be managed to protect wilderness character under the preferred alternative. The CMAs for lands managed to protect wilderness character would also apply in those areas.

Overarching Goals: The area is managed for tortoise conservation and recovery until which time the tortoise may be delisted as per criteria given in the Recovery Plan. Manage area in accordance with the Desert Tortoise Recovery Plan. Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

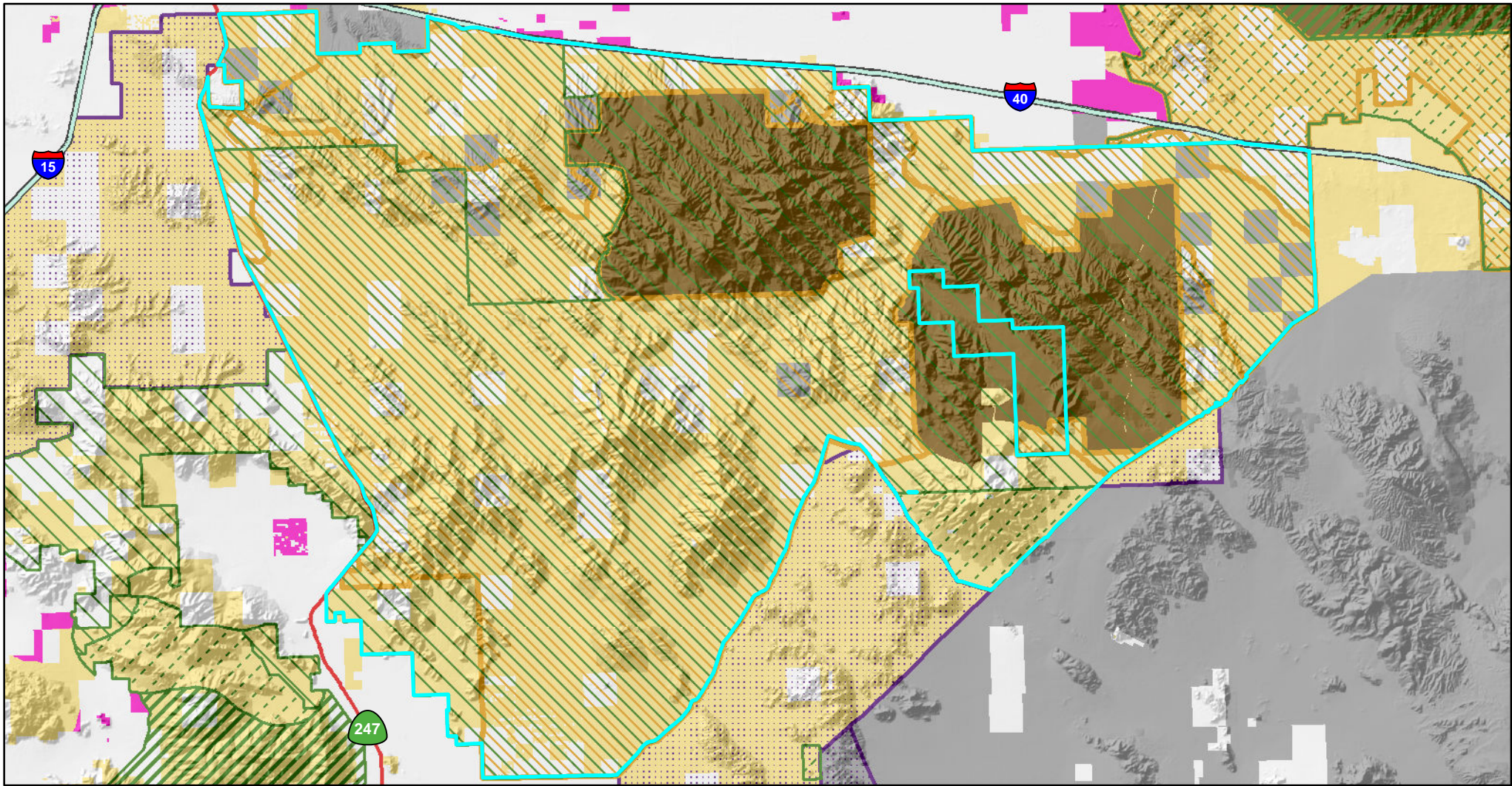
Designation and Acreage by Alternative:

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	218,800	0	NA
Preferred Alternative	157,747	230,857	0	0.5%, 1%
1	43,300	218,800	0	1%
2	151,800	151,800	0	0.25%
3	157,800	218,800	0	0.5%
4	116,200	218,800	0	0.5%








* Acreage values are for BLM managed lands



Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or improve condition of Desert Tortoise habitat Management Action: Maintain viable populations and connections between other conservation areas</p> <p>Objective: Monitor long-term trends in desert tortoise populations Management Action: A line distance sampling (or other scientifically credible method, if distance sampling proves ineffective) would be implemented in the Ord-Rodman ACEC</p>	Fish and Wildlife Including special status species
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Action: Designated routes will be signed and managed in accordance to the local Travel Management Plan, as funding allows. Unauthorized routes will be rehabilitated/restored as funding allows.</p>	Trails and Travel Management
<p>Objective: Inform the public of the importance of the ACEC Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert, this is especially important at the interface between the ACEC and the Johnson Valley OHV Area</p>	Recreation
<p>Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.</p>	Land Tenure

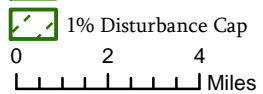
<p>Objective 1: Protect resource values of the ACEC</p> <p>Objective 2: Maintain wildlife linkage</p> <p>Management Action 1: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.</p> <p>Management Action 2: To the degree possible, new utility right-of-ways shall be sited as close together as practical given engineering specifications, human safety, and other limiting factors. If an option is available, Corridor W will be used rather than Corridor H in the Ord-Rodman ACEC.</p>	<p>Rights of Way (ROW)</p>
<p>No development</p> <p>Objective: Maintain integrity of large blocks of habitat</p> <p>Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>
<p>Objective: Protect from mining activities</p> <p>Management Action: Include stipulations to protect the monkey flower including not disturbing occupied habitat</p>	<p>Locatable Minerals Mineral Materials Non-Energy Leasables</p>
<p>Objective: Protect desert tortoise from impacts associated with cattle grazing</p> <p>Management Action: There is a current cattle allotment within this ACEC. It was identified in WEMO for retirement should the permittee(s) voluntarily relinquish it</p> <p>Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable</p> <p>A part of this ACEC is within the Ord Mountain, Stoddard Mountain, and the Valley View grazing allotments. Grazing will continue to be authorized in the overlap area and is governed by federal regulations including the achievement of standards and guidelines.</p>	<p>Livestock grazing</p>



Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.25% Disturbance Cap
-  0.5% Disturbance Cap
-  1% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas

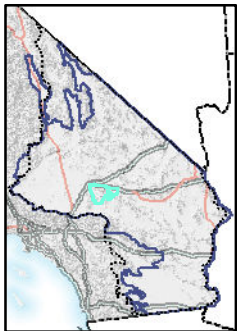
- Land Status**
-  Bureau of Land Management
 -  Department of Defense

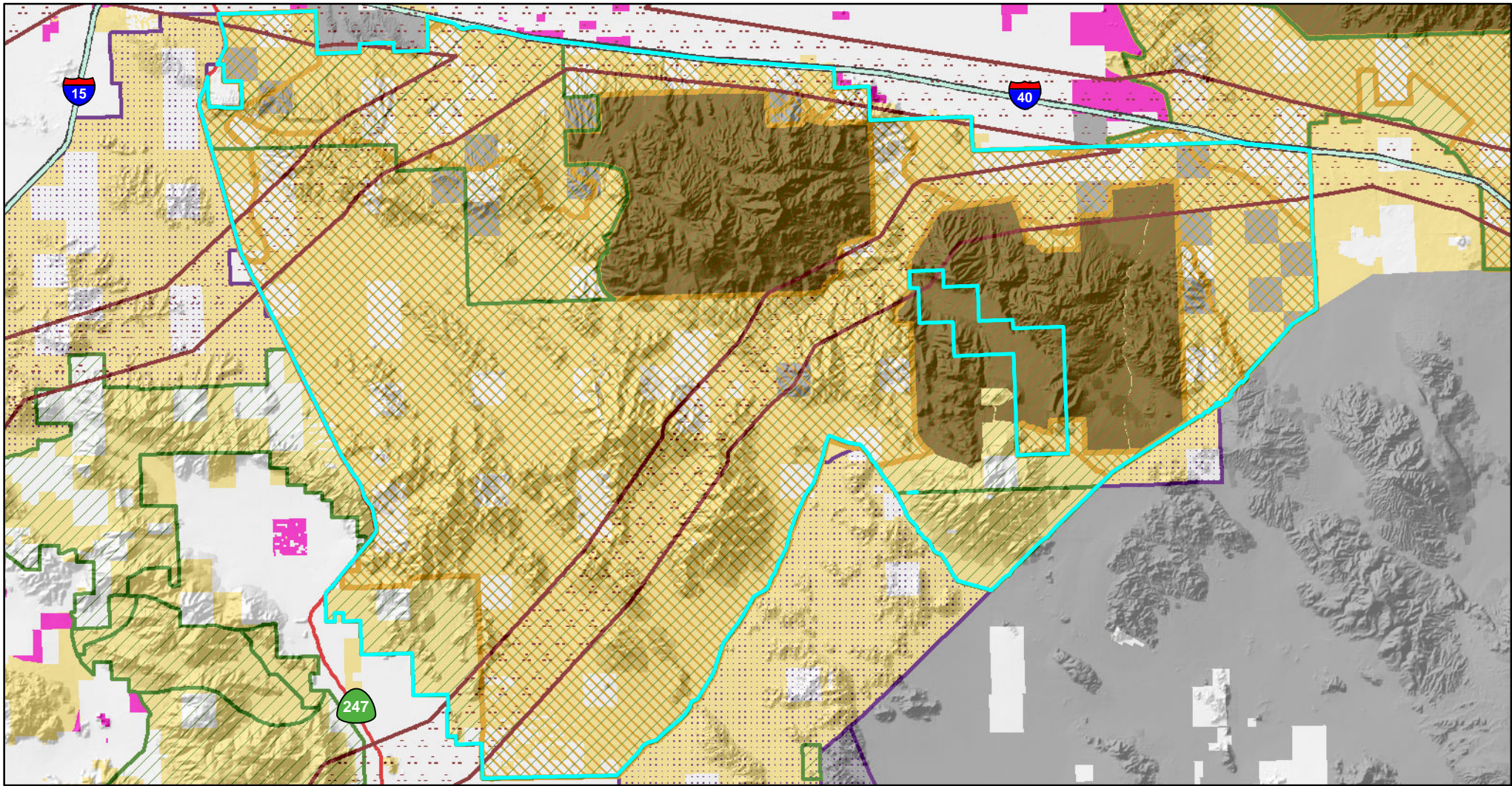


Ord-Rodman









9/1/2015



Draft Map Boundaries Subject to Change

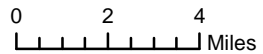




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
-  Proposed ACEC
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas

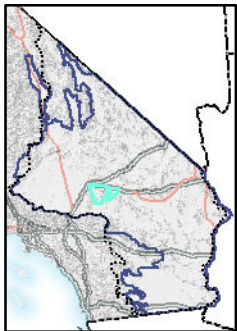
- Land Status**
-  Bureau of Land Management
 -  Department of Defense

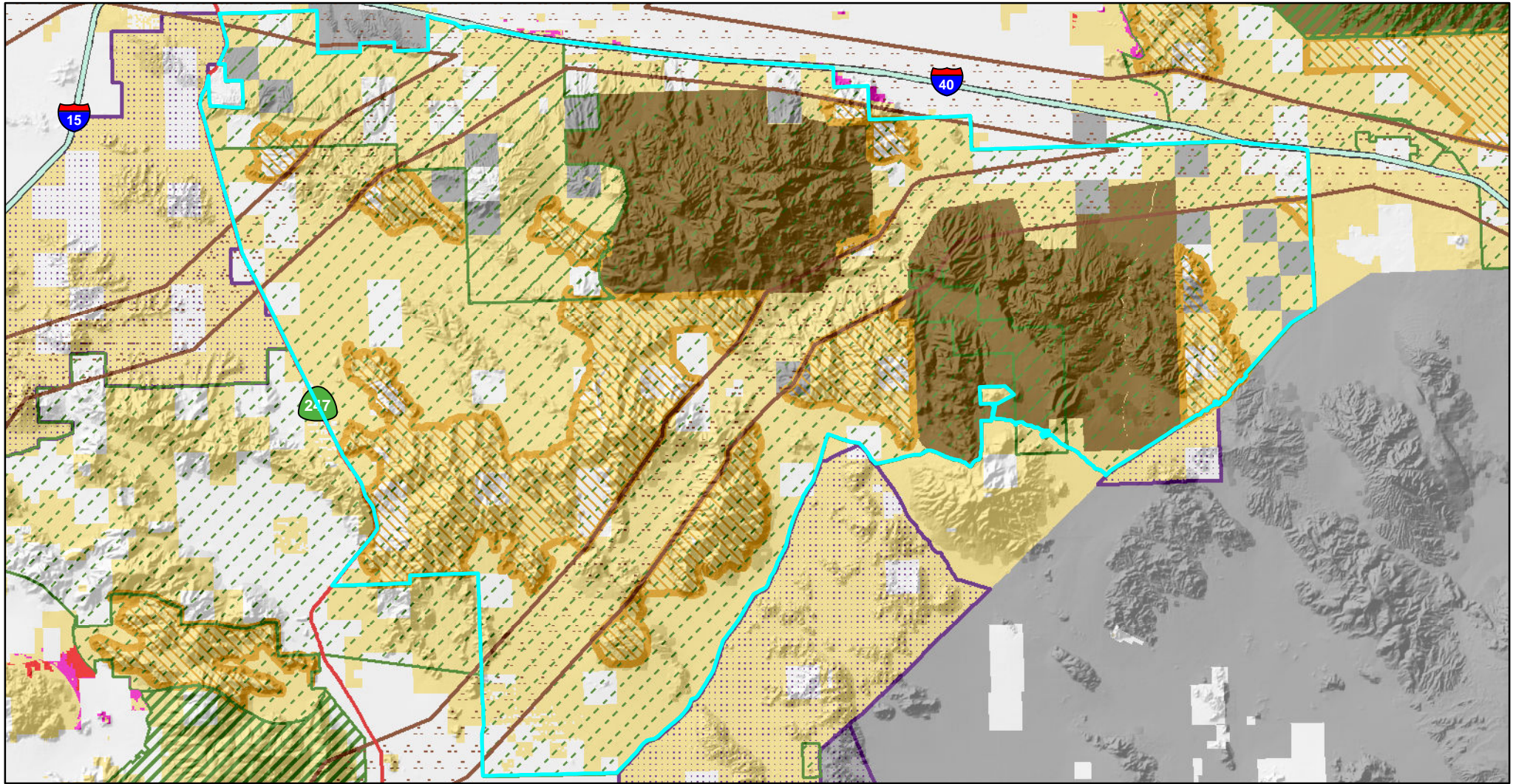


Ord-Rodman









9/1/2015

Draft Map Boundaries Subject to Change









Conservation Footprint

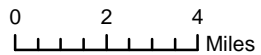
-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.25% Disturbance Cap
-  1% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary

Land Status

-  Bureau of Land Management
-  Department of Defense

Renewable Footprint

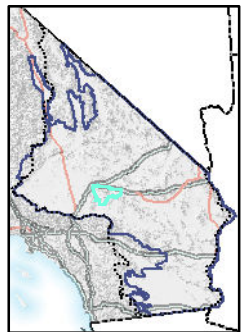
-  Development Focus Areas
-  Variance Lands

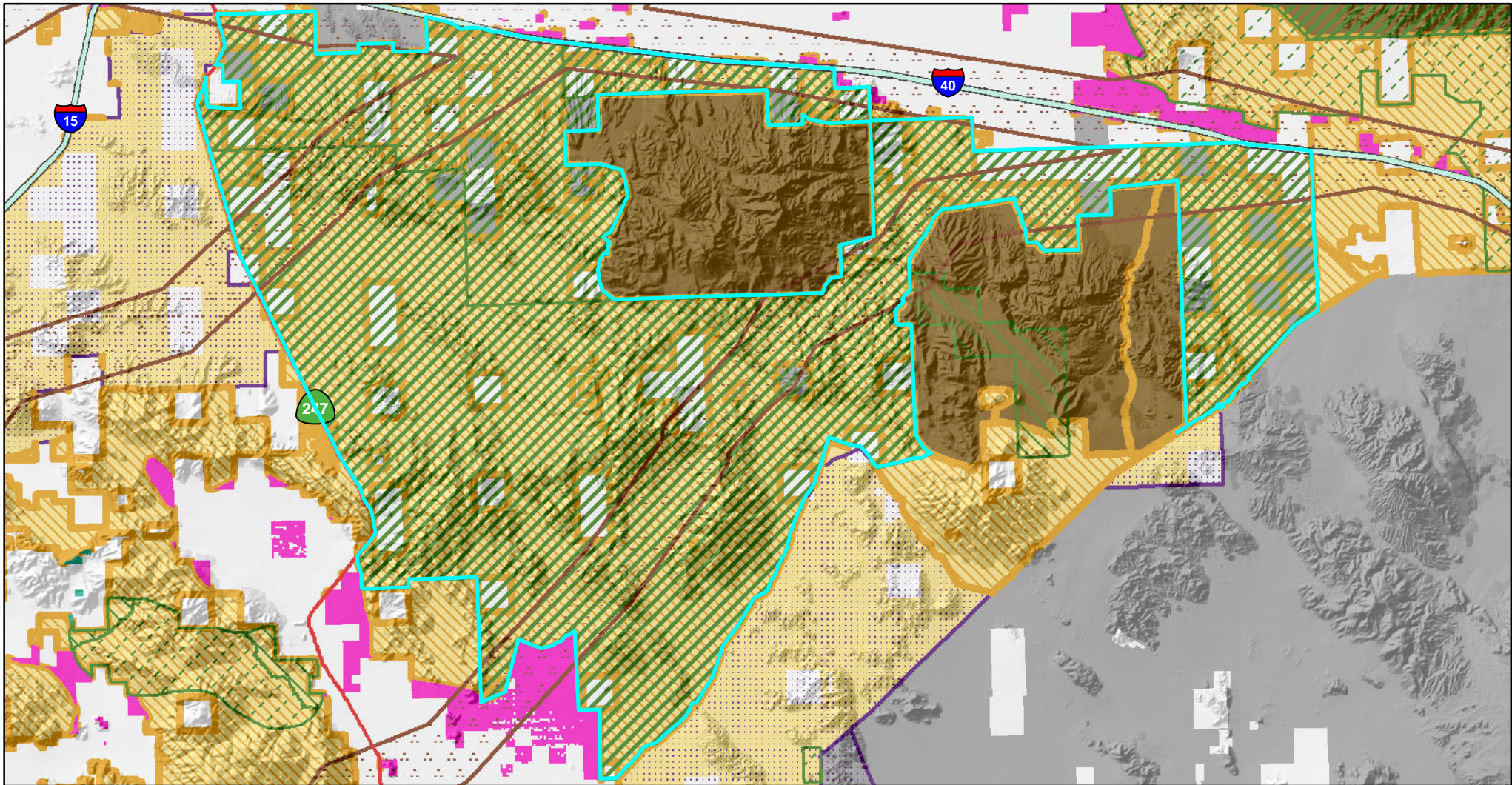


**Ord-Rodman
Alternative 1**

8/25/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

- Legislatively & Legally Protected Areas
- National Conservation Lands
- ACEC Boundaries**
- 0.25% Disturbance Cap
- 0.5% Disturbance Cap
- 1% Disturbance Cap

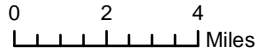
- DRECP Boundary
- CDCA Boundary
- Transmission Corridor
- OHV Boundary

Renewable Footprint

- Development Focus Areas
- Future Assessment Areas

Land Status

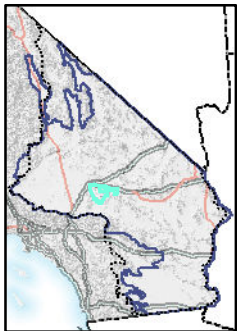
- Bureau of Land Management
- Department of Defense

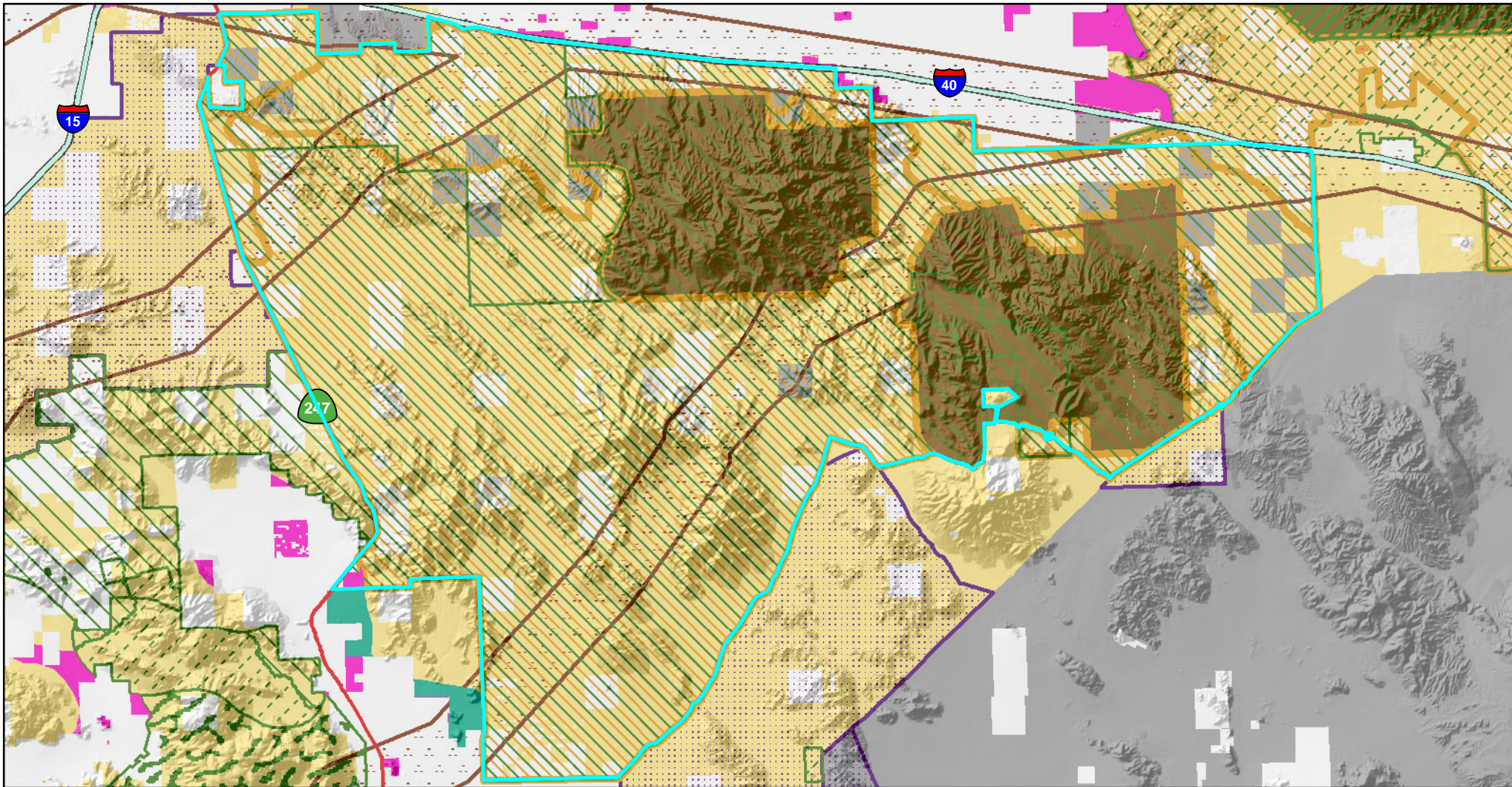


**Ord-Rodman
Alternative 2**













8/26/2015

Draft Map Boundaries Subject to Change







Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.1% Disturbance Cap
-  0.25% Disturbance Cap
-  0.5% Disturbance Cap
-  1% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas
-  Future Assessment Areas

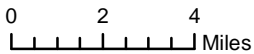
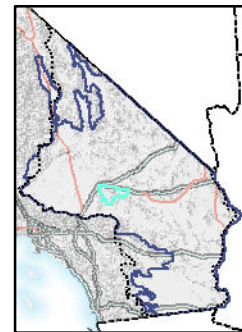
Land Status

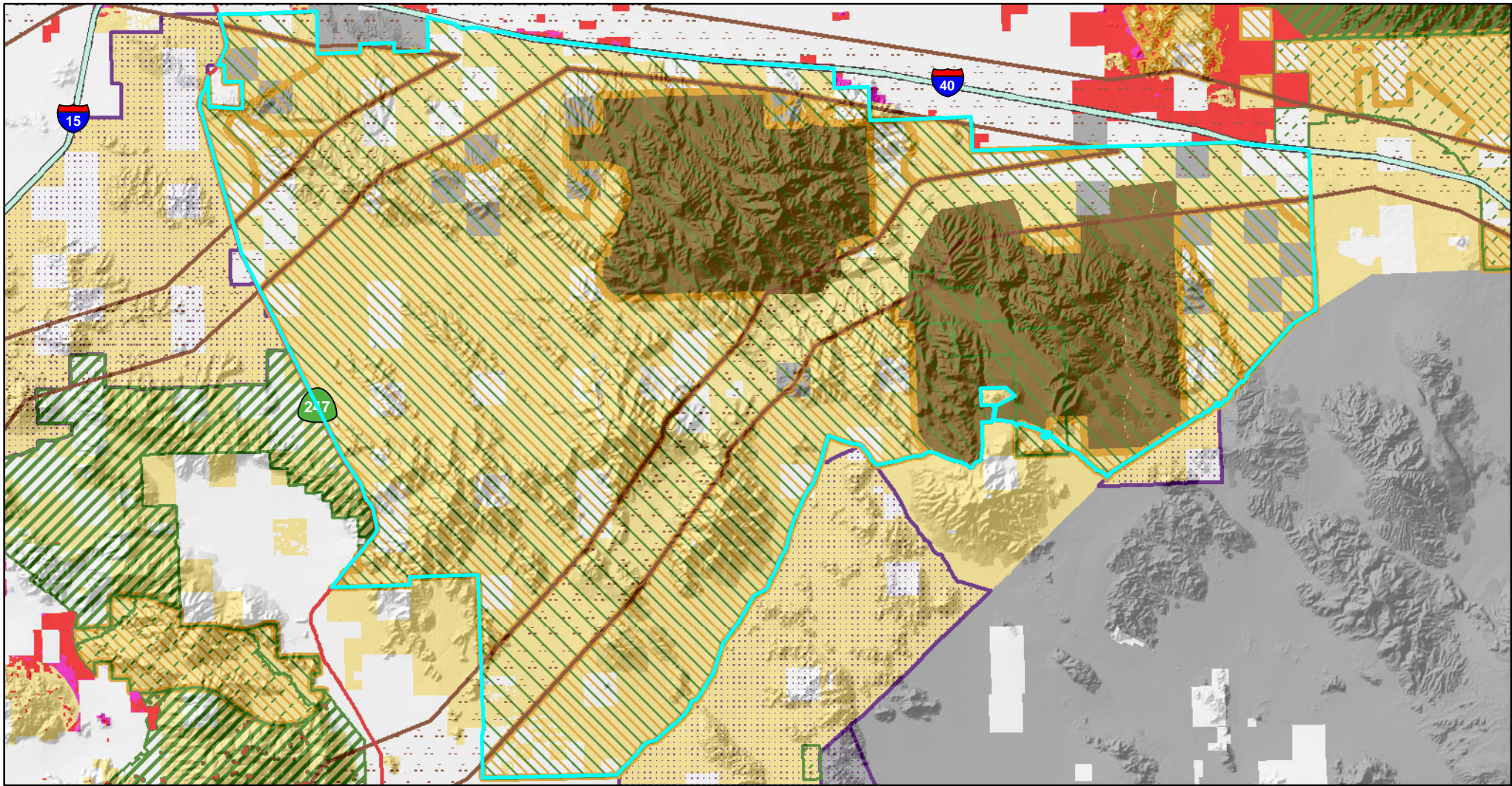
-  Bureau of Land Management
-  Department of Defense

**Ord-Rodman
Alternative 3**






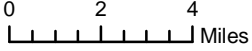






8/27/2015



Draft Map Boundaries Subject to Change





Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.25% Disturbance Cap
-  0.5% Disturbance Cap
-  1% Disturbance Cap
-  0 2 4 Miles
-  DRECP Boundary
-  CDCA Boundary
-  OHV Boundary
-  Transmission Corridor
- Renewable Footprint**
-  Development Focus Areas
-  Variance Lands

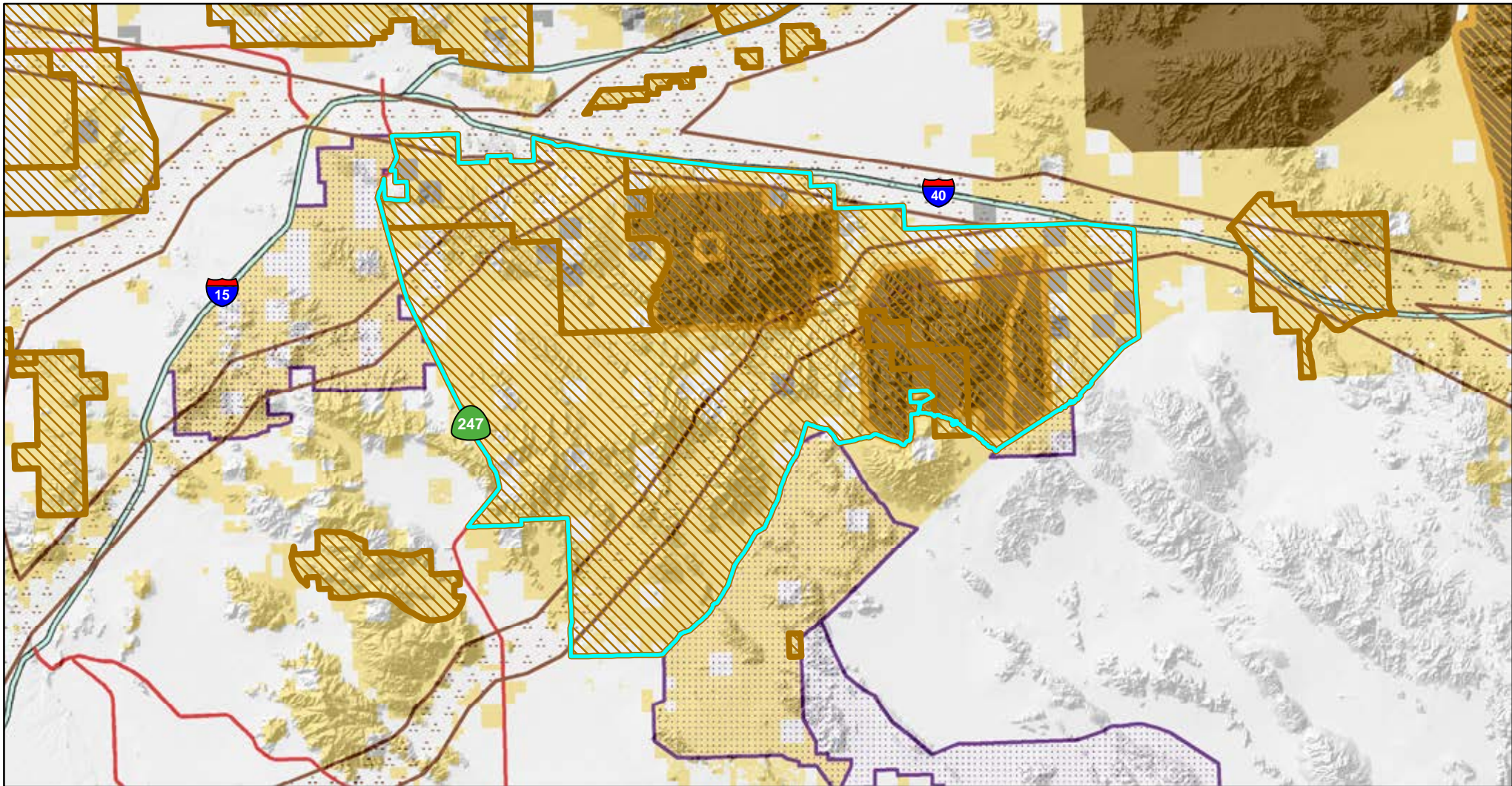
- Land Status**
-  Bureau of Land Management
 -  Department of Defense

**Ord-Rodman
Alternative 4**

8/27/2015

Draft Map Boundaries Subject to Change







Conservation Footprint

-  Existing ACEC
-  National Conservation Lands
-  Transmission Corridor
-  OHV Boundary
-  CDCA Boundary
-  Legislatively & Legally Protected Areas
-  DRECP Boundary

Land Status

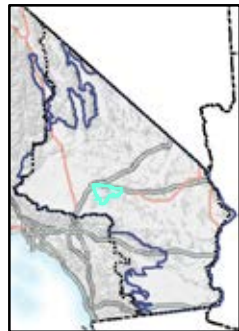
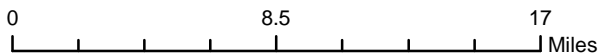
-  Bureau of Land Management
-  Department of Defense

Ord-Rodman DWMA

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Pinto Mountain

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes and South Mojave-Amboy

Description/Location: The boundaries of this unit correspond to the general boundaries identified by the Desert Tortoise (Mojave Population) Recovery Plan (Recovery Plan) and consist of 183 square miles. It is surrounded on three sides by Joshua Tree National Park.

Nationally Significant Values:

Ecological: This area provides high density Desert tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage. This is a large block of relatively undisturbed habitat which maintains landscape level integrity.

Special Designations/Management Plan/Date: Established in WEMO, March 2006. The West Mojave Plan serves as the ACEC management plan so that a future ACEC plan was not required.

Relevance and Importance Criteria This area provides high density Desert Tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage. Some areas within the ACEC provide a combination of meteorological, geological, hydrological, topographical features that have been identified as important climate refugia (slow/minimized climate changes) for wildlife species.

Overarching Goals: This area would be managed for tortoise conservation and recovery until which time the tortoise may be delisted as per criteria given in the Recovery Plan. Manage area in accordance with the Desert Tortoise Recovery Plan. Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

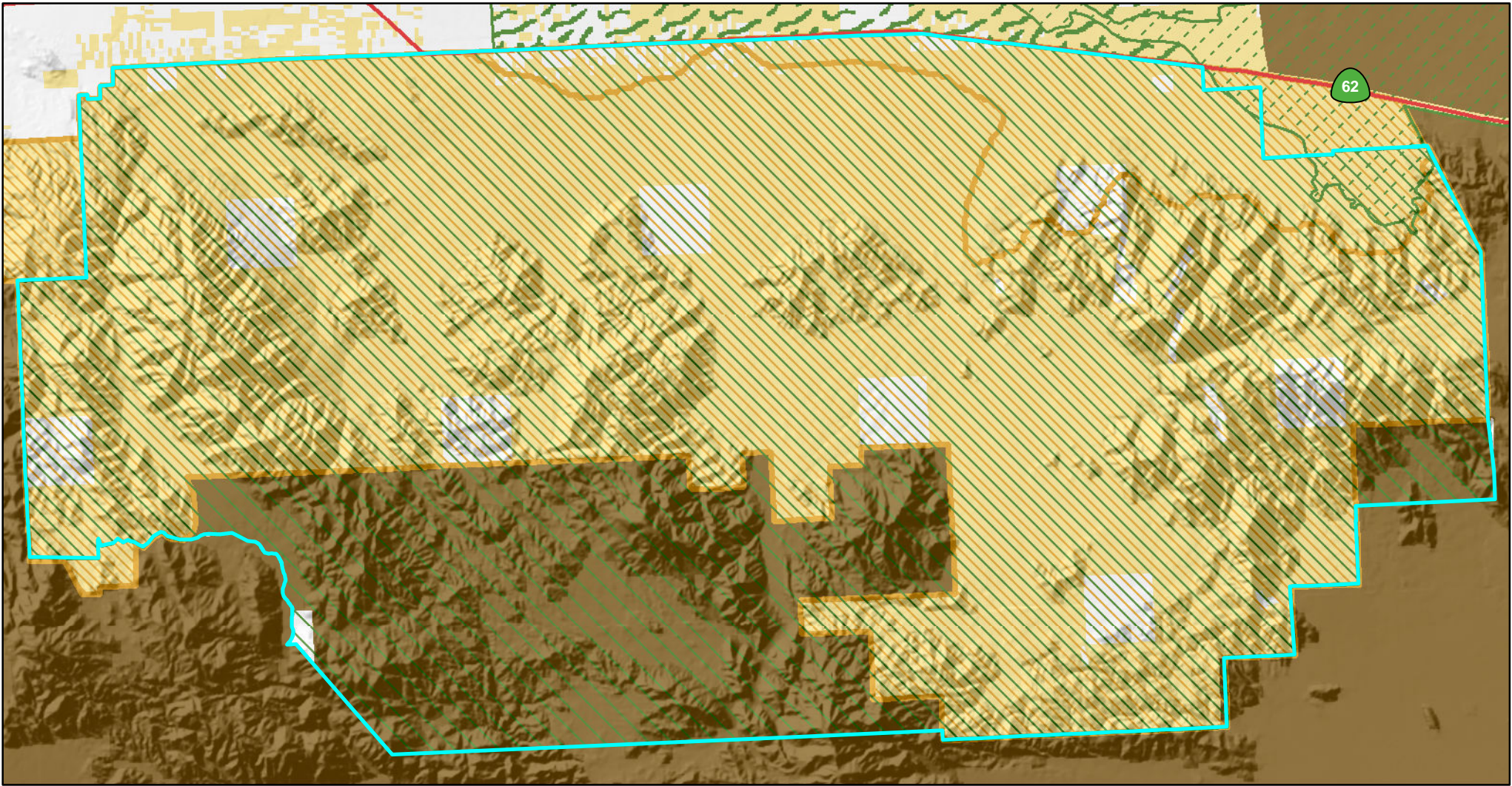
To protect desert tortoise and significant natural resources including special status plant species, animal species and natural communities. Manage area in accordance with the Desert Tortoise Recovery Plan. Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:				
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	110,000	0	NA
Preferred Alternative	85,589	109,952	0	0.5%, 1%
1	0	110,000	0	1%
2	85,600	110,000	0	0.5%
3	85,600	110,000	0	1%
4	85,600	110,000	0	1%
* Acreage values are for BLM managed lands				
Objectives (desired future conditions)/Allowable Uses/Management Actions			Resource	
<p>Objective: Maintain or improve condition of Desert Tortoise habitat Management Action: Maintain viable populations and connections between other conservation areas</p> <p>Objective: Monitor long-term trends in desert tortoise populations Management Action: A line distance sampling (or other scientifically credible method, if distance sampling proves ineffective) would be implemented in the Pinto Mountain ACEC</p>			Fish and Wildlife Including special status species	
<p>Objective 1: Protect biodiversity and manage for resilience (protect climate refugia and provide for migration corridors).</p> <p>Management Action 1: Prioritize habitat enhancement in areas expected to provide for the greatest level of resiliency (good response or rehabilitation results after significant disturbance such as fire) and or resistance to change (e.g. climate refugia).</p> <p>Management Action 2: Consider actions that enhance the primary productivity of climate refugia with native species restoration, reduced soil surface disturbance, and habitat infrastructure to increase carrying capacity of refugia (e.g., wetland, oasis).</p> <p>Management Action 3: Maintain migration corridor integrity by minimizing obstructions (fences, roads), disturbances (limiting access to water and shade during peak temperatures) and habitat fragmentation.</p> <p>Objective 2: Maintain and or enhance key ecosystem processes (e.g., carbon sequestration, water residence time) and prepare and respond to significant</p>			Climate Change and Adaptation	

<p>disturbances to the environment (e.g. floods).</p> <p>Management Action 1: Develop proactive and responsive management actions for potentially dangerous and damaging disturbances to the environment, which are exacerbated by climate change (e.g. wildfire, flash floods, etc.).</p> <p>Management Action 2: Minimize carbon sequestration losses from management activities by reducing impacts to vegetation, soil structure and soil biota.</p> <p>Management Action 3: Leverage disturbance events and other landscape changes, when possible, as opportunities to assess climate adaptation actions. For example, revegetation objectives for projected climate scenarios benefiting multiple ecosystem services (habitat and carbon sequestration objectives).</p>	
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Action: Designated routes will be signed and managed in accordance to the local Travel Management Plan, as funding allows. Unauthorized routes will be rehabilitated/restored as funding allows.</p>	Trails and Travel Management
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert</p>	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers</p>	Land Tenure
<p>Objective 1: Protect resource values of the ACEC</p> <p>Objective 2: Maintain wildlife linkage</p> <p>Management Action 1: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.</p> <p>Management Action 2: To the degree possible, new utility right-of-ways shall not interfere with connectivity across the ACEC</p>	Rights of Way (ROW)
<p>No development</p> <p>Objective: Maintain integrity of large blocks of habitat</p> <p>Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy

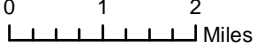


Conservation Footprint

- Legislatively & Legally Protected Areas
- National Conservation Lands
- Bureau of Land Management
- DRECP Boundary
- CDCA Boundary

ACEC Boundaries

- 0.1% Disturbance Cap
- 0.5% Disturbance Cap
- 1% Disturbance Cap

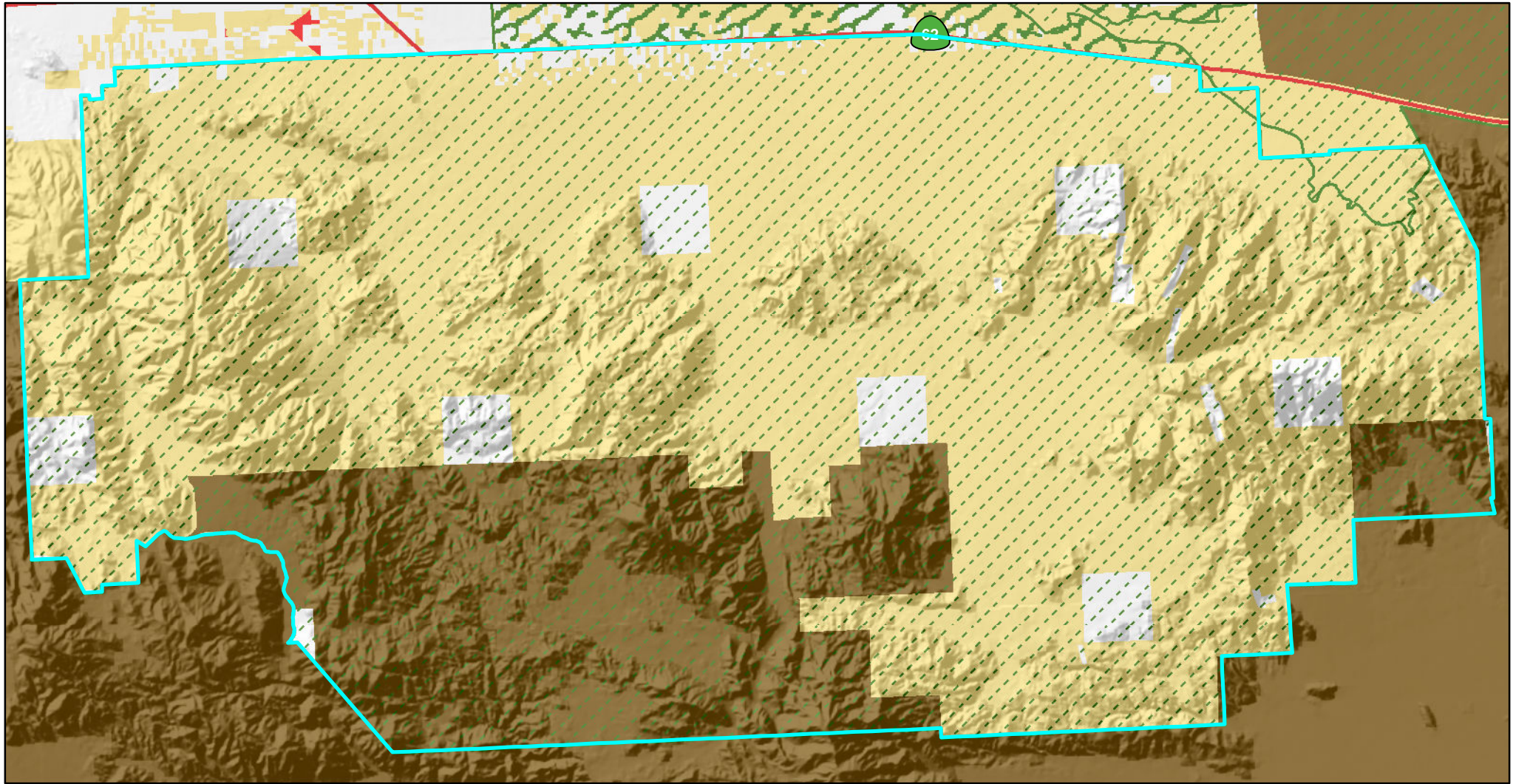


Pinto Mountains

6/24/2015

Draft Map Boundaries Subject to Change





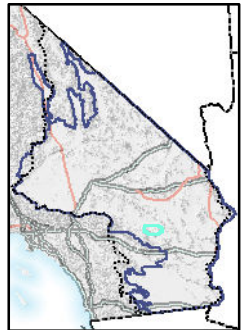
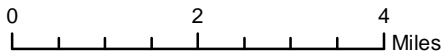
Conservation Footprint

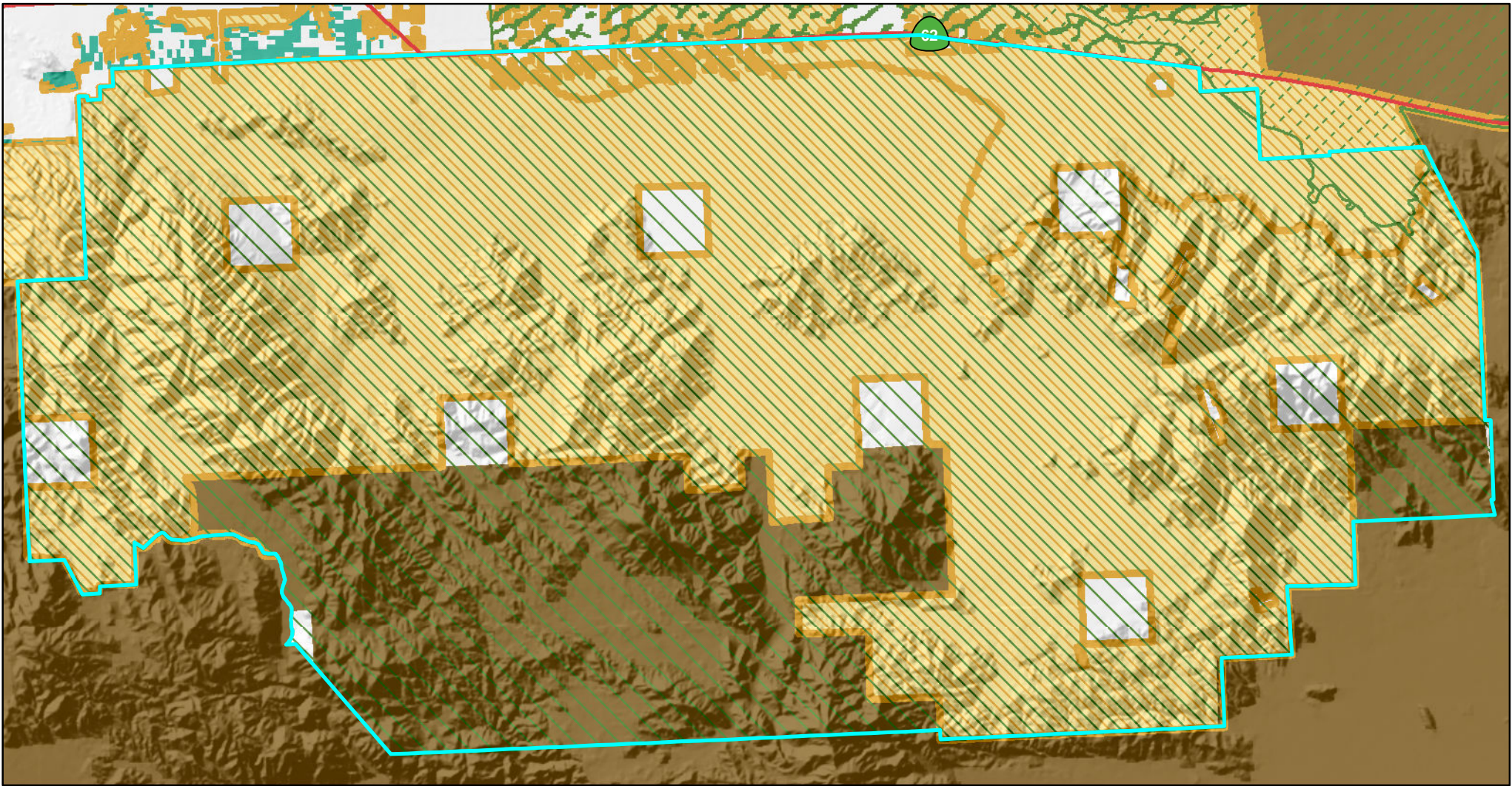
- | | | |
|---|----------------------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| ACEC Boundaries | CDCA Boundary | Bureau of Land Management |
| 0.1% Disturbance Cap | Renewable Footprint | |
| 1% Disturbance Cap | Variance Lands | |

**Pinto Mountains
Alternative 1**











8/25/2015


Draft Map Boundaries Subject to Change

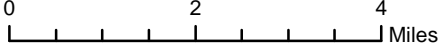




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
-  ACEC Boundaries
-  0.1% Disturbance Cap
-  0.5% Disturbance Cap
-  1% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
-  Renewable Footprint
-  Future Assessment Areas

- Land Status**
-  Bureau of Land Management

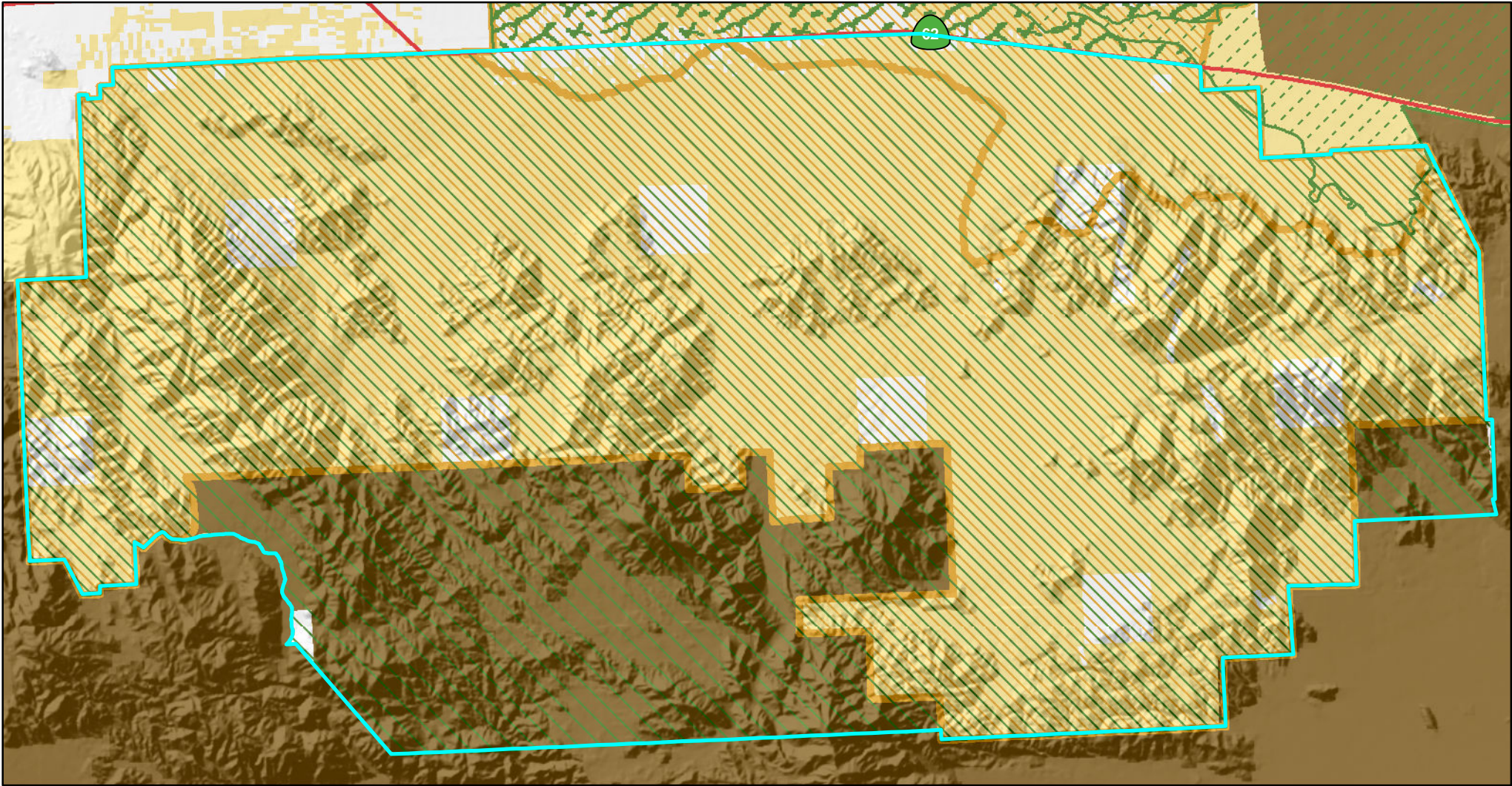


**Pinto Mountains
Alternative 2**

8/26/2015

Draft Map Boundaries Subject to Change



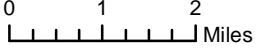


Conservation Footprint

- Legislatively & Legally Protected Areas
- National Conservation Lands
- Bureau of Land Management
- DRECP Boundary
- CDCA Boundary

ACEC Boundaries

- 0.1% Disturbance Cap
- 0.5% Disturbance Cap
- 1% Disturbance Cap

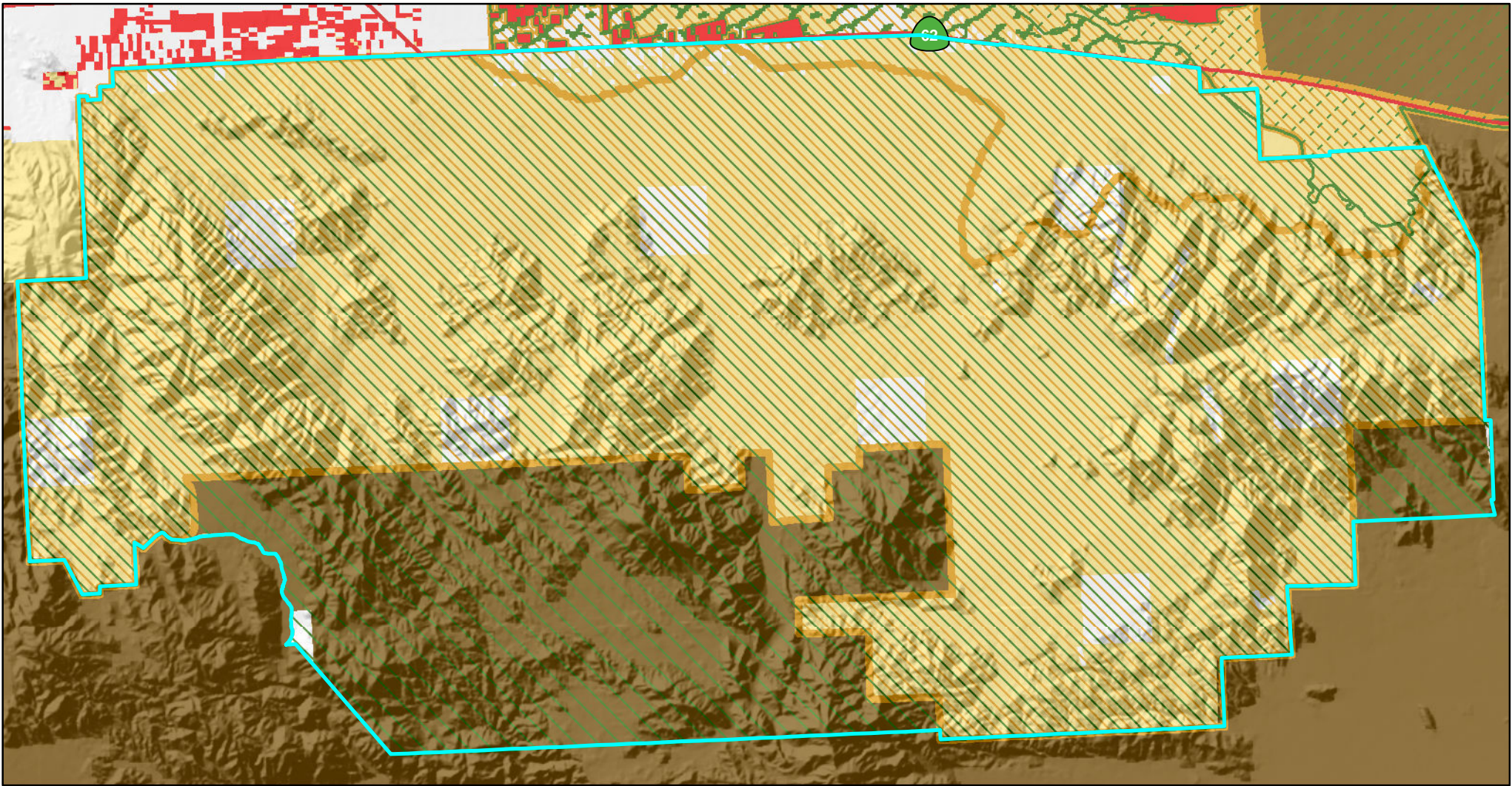


**Pinto Mountains
Alternative 3**

8/27/2015

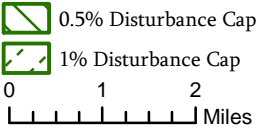
Draft Map Boundaries Subject to Change





Conservation Footprint

- | | | |
|---|----------------------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| National Conservation Lands | CDCA Boundary | Bureau of Land Management |
| ACEC Boundaries | | |
| 0.1% Disturbance Cap | Renewable Footprint | |
| 0.5% Disturbance Cap | Variance Lands | |
| 1% Disturbance Cap | | |

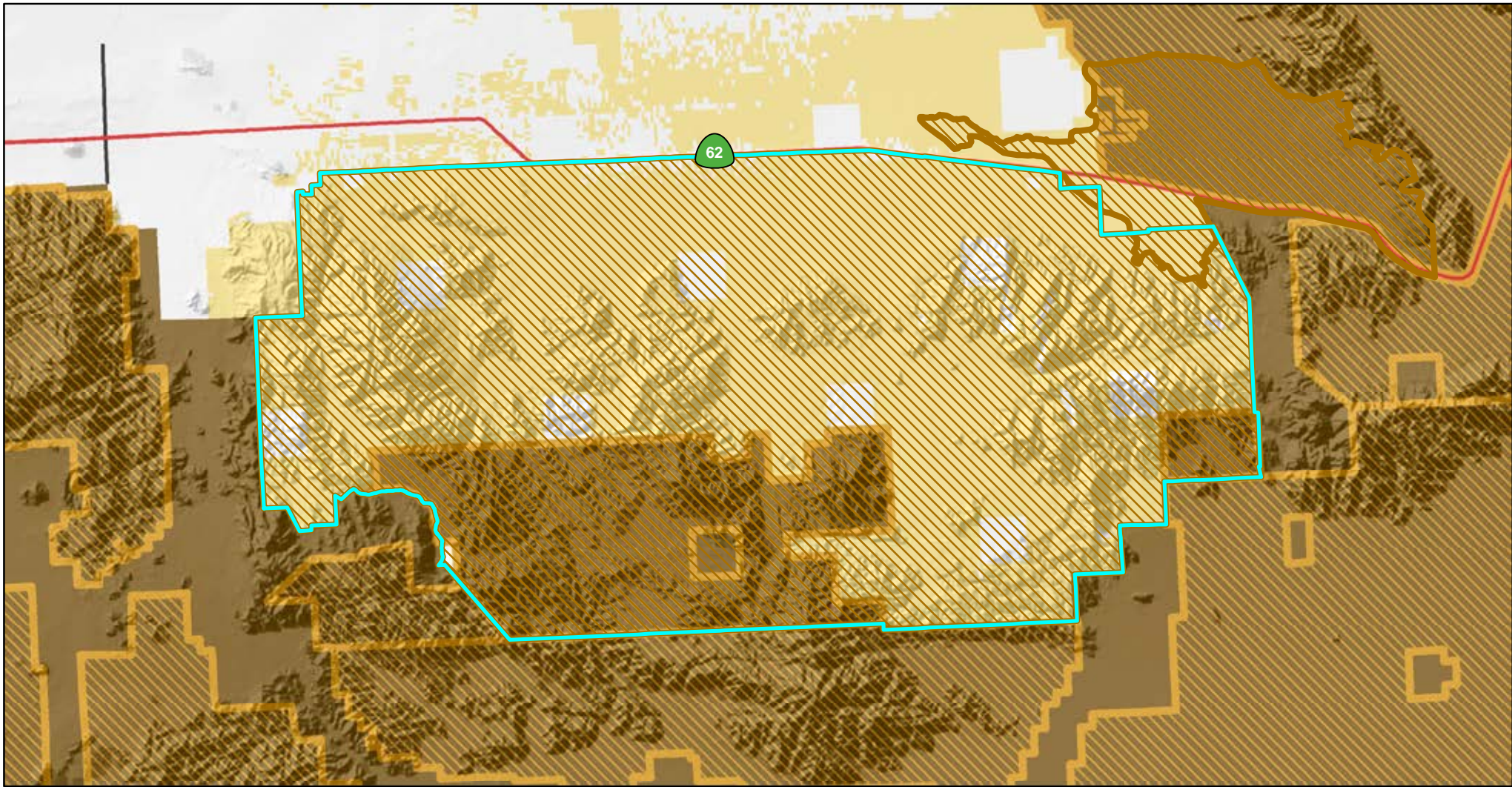


**Pinto Mountains
Alternative 4**







8/27/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

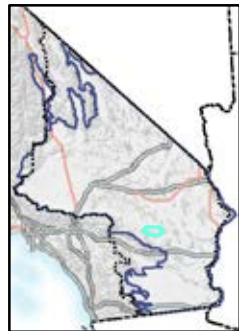
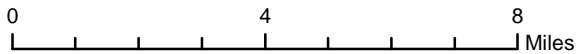
- | | | |
|--|---|---|
|  Existing ACEC |  National Conservation Lands | Land Status |
|  CDCA Boundary |  Legislatively & Legally Protected Areas |  Bureau of Land Management |
|  DRECP Boundary | | |

Pinto Mountains DWMA

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Pipes Canyon

National Conservation Lands Ecoregion : Pinto Lucerne Valley and Eastern Slopes

Description/Location: Surrounds Pioneertown and Rimrock, it is south of Landers and North of Yucca Valley.

Nationally Significant Values:

Cultural: The Pipes Canyon area has numerous prehistoric resources that meet criteria for inclusion in the National Register of Historic Places (NRHP) as contributing elements of an Eligible District. This area has the greatest concentration of known NRHP eligible sites within the Barstow Field Office. Sites include petroglyphs, pictographs, rock shelters, village sites, and milling sites. This area is of particular cultural interest to local native American Tribes.

Special Designations/Management Plan/Date: No previous special designation.

Relevance and Importance Criteria: Relevant and important resource values include prehistoric cultural resources associated with various indigenous periods. Area has numerous prehistoric resources that would meet criteria for inclusion to the National Register of Historic Places as contributing elements of an Eligible District. This area has the greatest concentration of known NRHP eligible sites within the Barstow Field Office.

Overarching Goals: Protect cultural, historic, and scenic values while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	0	0	NA
Preferred Alternative	5,981	8,548	0	0.10%
1	3,900	8,700	0	0.10%
2	1,800	2,800	0	0.10%
3	3,500	6,200	0	0.10%
4	4,700	6,800	0	0.10%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect sensitive cultural resources from human disturbance</p> <p>Allowable Uses: Restricted motorized use to designated open routes of travel</p> <p>Management Action 1: Monitor and enforce closure of selected routes of travel</p> <p>Management Action 2: Install signs and use barriers to direct vehicle traffic away from sensitive cultural resources</p>	Trails and Travel Management
<p>Objective: Provide for dispersed opportunities while protecting relevant resources</p> <p>Management Action: Do not establish new routes near sensitive cultural resources</p>	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers</p>	Land Tenure
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action 1: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.</p> <p>Management Action 2: No ROWs allowed that would impact cultural resources</p>	Rights of Way (ROW)
<p>Objective: Maintain integrity of large blocks of habitat</p> <p>Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy

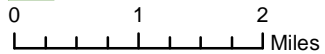


Conservation Footprint

- Legislatively & Legally Protected Areas
- National Conservation Lands
- DRECP Boundary
- CDCA Boundary
- Bureau of Land Management

ACEC Boundaries

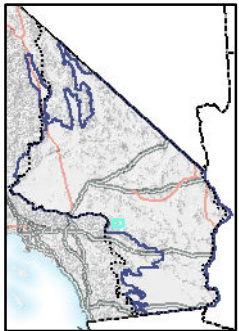
- 0.1% Disturbance Cap
- 0.5% Disturbance Cap
- 1% Disturbance Cap

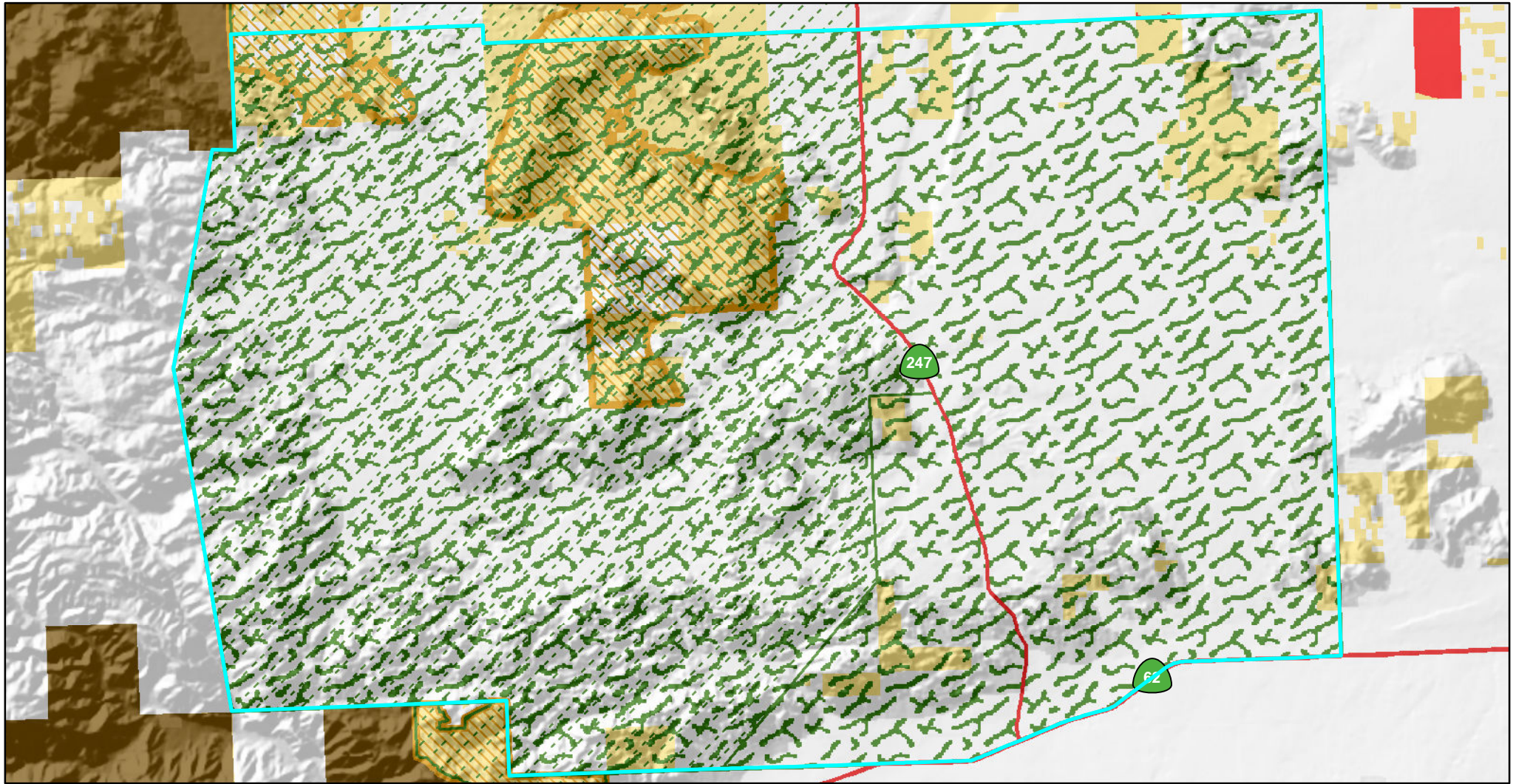


Pipes Canyon

6/24/2015

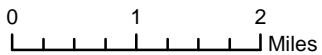
Draft Map Boundaries Subject to Change





Conservation Footprint

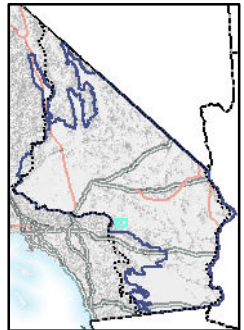
- | | | |
|---|----------------------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| National Conservation Lands | CDCA Boundary | Bureau of Land Management |
| ACEC Boundaries | Renewable Footprint | |
| 0.1% Disturbance Cap | Variance Lands | |
| 1% Disturbance Cap | | |

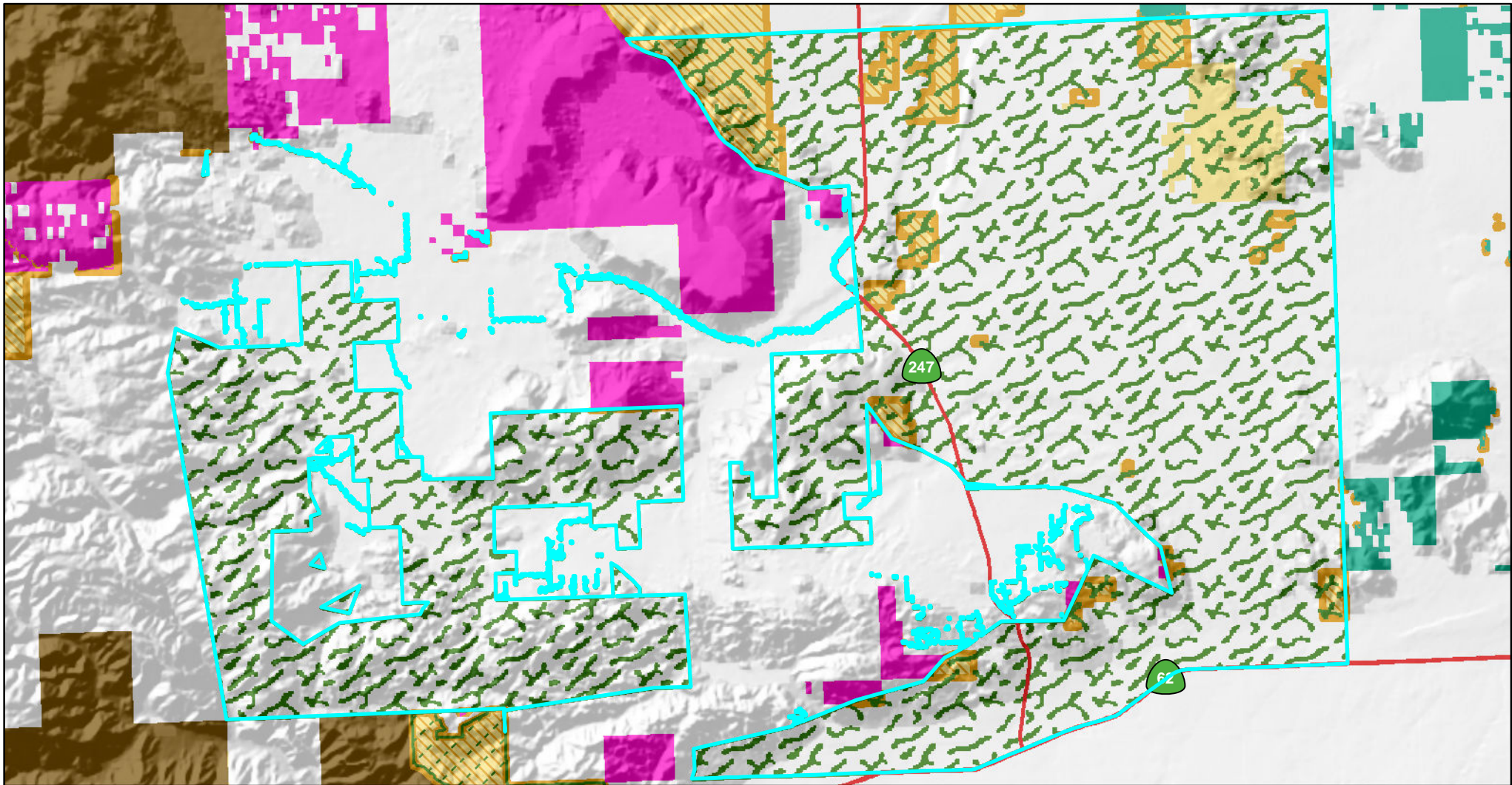


**Pipes Canyon
Alternative 1**

8/25/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

Legislatively & Legally Protected Areas

National Conservation Lands

ACEC Boundaries

0.1% Disturbance Cap

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

Renewable Footprint

Development Focus Areas

Future Assessment Areas

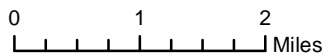
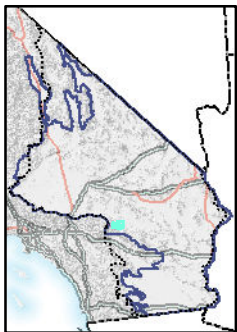
Land Status

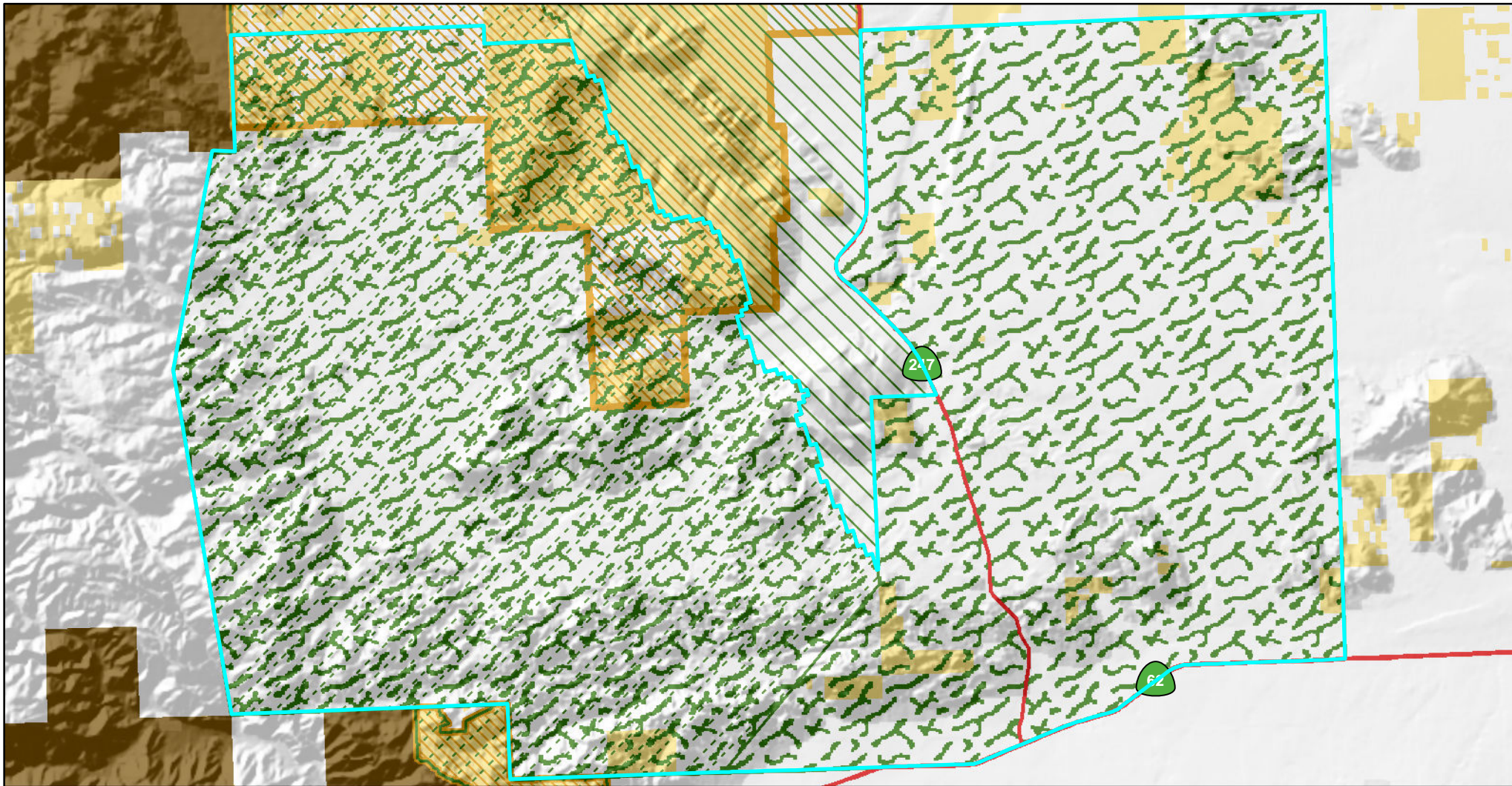
Bureau of Land Management

**Pipes Canyon
Alternative 2**

8/26/2015

Draft Map Boundaries Subject to Change



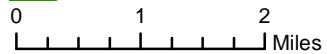


Conservation Footprint

- | | | |
|---|----------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| National Conservation Lands | CDCA Boundary | Bureau of Land Management |

ACEC Boundaries

- 0.1% Disturbance Cap
- 0.5% Disturbance Cap
- 1% Disturbance Cap

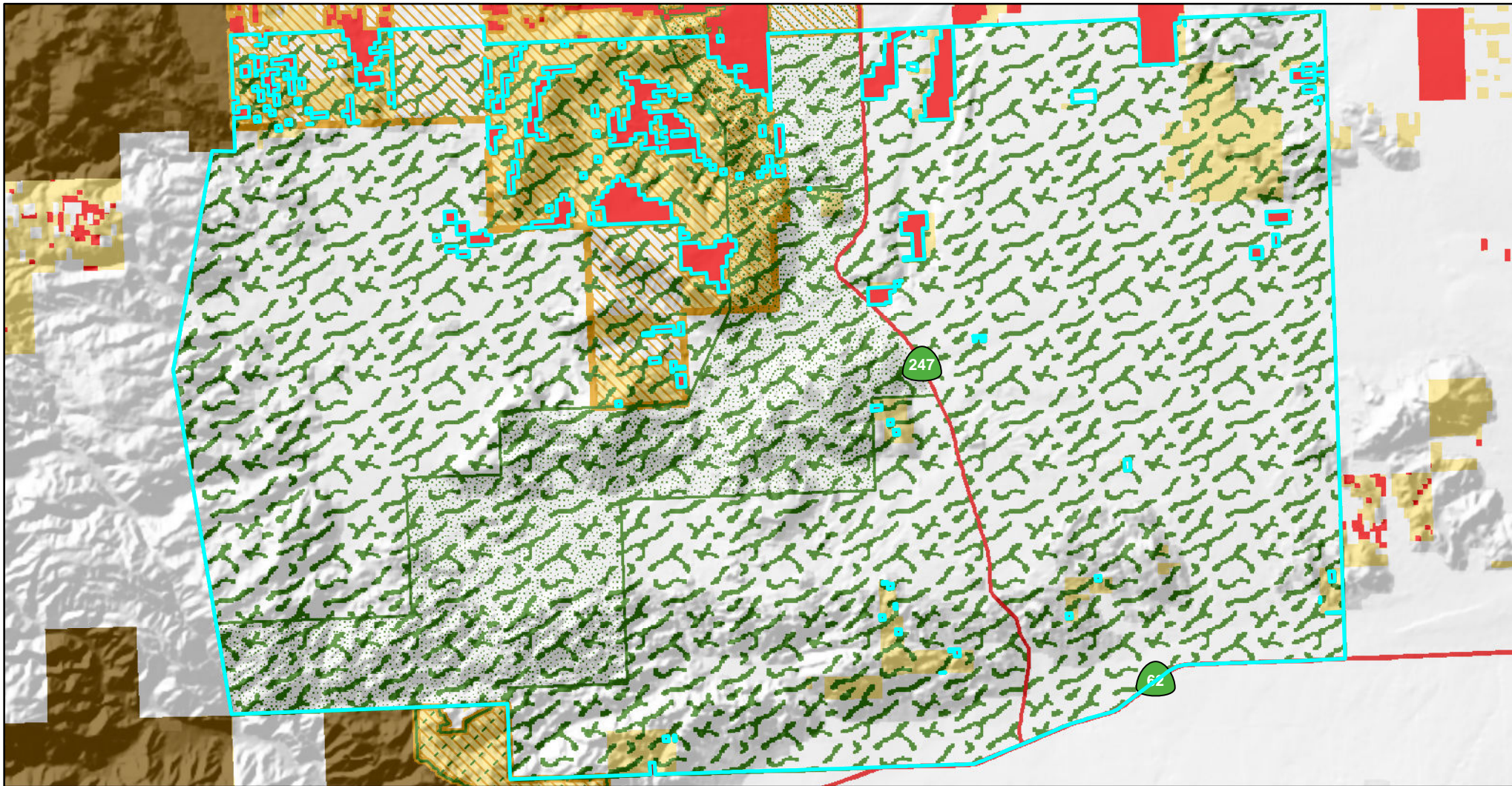


Pipes Canyon
Alternative 3

8/27/2015

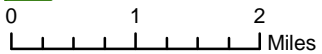
Draft Map Boundaries Subject to Change





Conservation Footprint

- | | | |
|---|----------------------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| National Conservation Lands | CDCA Boundary | Bureau of Land Management |
| ACEC Boundaries | | |
| 0.1% Disturbance Cap | Renewable Footprint | |
| 1% Disturbance Cap | Variance Lands | |
| Wildlife Allocation | | |



**Pipes Canyon
Alternative 4**

8/27/2015

Draft Map Boundaries Subject to Change



Rodman Mountains Cultural Area

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: South of Interstate 40 and almost completely within the Rodman Mountain Wilderness Area. It is approximately 23 miles east-southeast of Barstow. A portion of the ACEC is within the Rodman Wilderness.

Nationally Significant Values:

Cultural: Rock art sites within this area have been listed on the National Register of Historic Places as an Archeological District. The petroglyphs are significant to the religious and spiritual concerns of native Americans.

Special Designations/Management Plan/Date: Established in WEMO, March 2006. The West Mojave Plan serves as the ACEC management plan so that a future ACEC plan was not be required.

Relevance and Importance Criteria: Important cultural and wildlife values. Rock art sites within this area have been listed on the National Register of Historic Places as an Archaeological District. The petroglyphs are significant to the religious and spiritual concerns of Native Americans. This area is also included in the Ord-Rodman ACEC because it includes limited Desert tortoise habitat. Most of this area is within the Rodman Mountains Wilderness.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Ord Mountain Allotment.

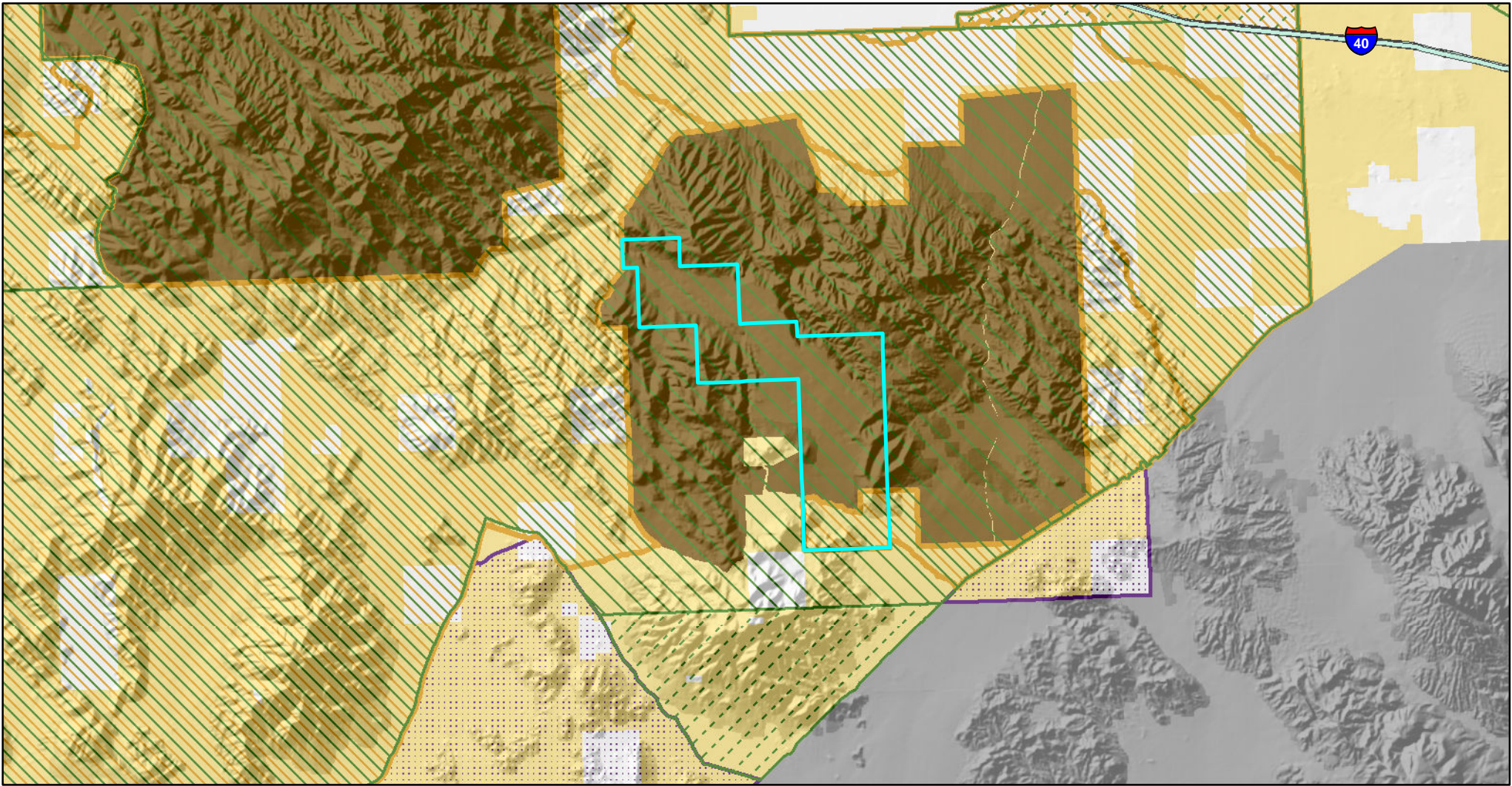
Overarching Goals: Preserve and protect important cultural resources.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

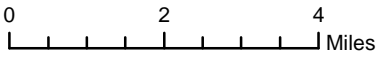
Designation and Acreage by Alternative:				
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	6,200	0	NA
Preferred Alternative	824	6,208	0	0.5%
1	0	6,200	0	1%
2	6,200	6,200	0	0.5%
3	800	6,200	0	0.5%
4	800	6,200	0	0.5%
<ul style="list-style-type: none"> • Acreage values are for BLM managed lands • The portion designated to NLCS is relatively small because the remaining portion of the ACEC is already designated wilderness. 				
Objectives (desired future conditions)/Allowable Uses/Management Actions			Resource	
Objective: Maintain or improve condition of Desert Tortoise habitat Management Action: Maintain viable populations and connections between other conservation areas			Fish and Wildlife Including special status species	
Objective: Protect sensitive habitat from impacts associated with vehicle traffic Allowable Uses: All vehicle traffic limited to designated roads and trails as per the local Travel Management Plan Management Action 1: Establish no new routes in ACEC Management Action 2: Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes			Trails and Travel Management	
Objective: Inform the public of the importance of the ACEC Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert, this is especially important at the interface between the ACEC and the Johnson Valley OHV Area Objective: Prevent impacts associated with vehicle traffic Allowable Uses: Restricted vehicle camping to within 100ft of designated open roads, Competitive speed events prohibited			Recreation	
Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.			Land Tenure	

<p>Objective: Protect resource values of the ACEC Management Action: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.</p>	Rights-of-Way
<p>No development Objective: Maintain integrity of large blocks of habitat Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy
<p>Allowable Uses: A part of the Rodman Mountains Cultural Area ACEC is within the Ord Mountain grazing allotment. Grazing will continue to be authorized in the overlap area and is governed by federal regulations including the standards and guidelines. If this allotment is offered as mitigation, it will be accepted and permanently closed to livestock grazing.</p>	Livestock grazing



Conservation Footprint

- | | | |
|---|----------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| National Conservation Lands | CDCA Boundary | Bureau of Land Management |
| ACEC Boundaries | OHV Boundary | Department of Defense |
| 0.5% Disturbance Cap | | |
| 1% Disturbance Cap | | |

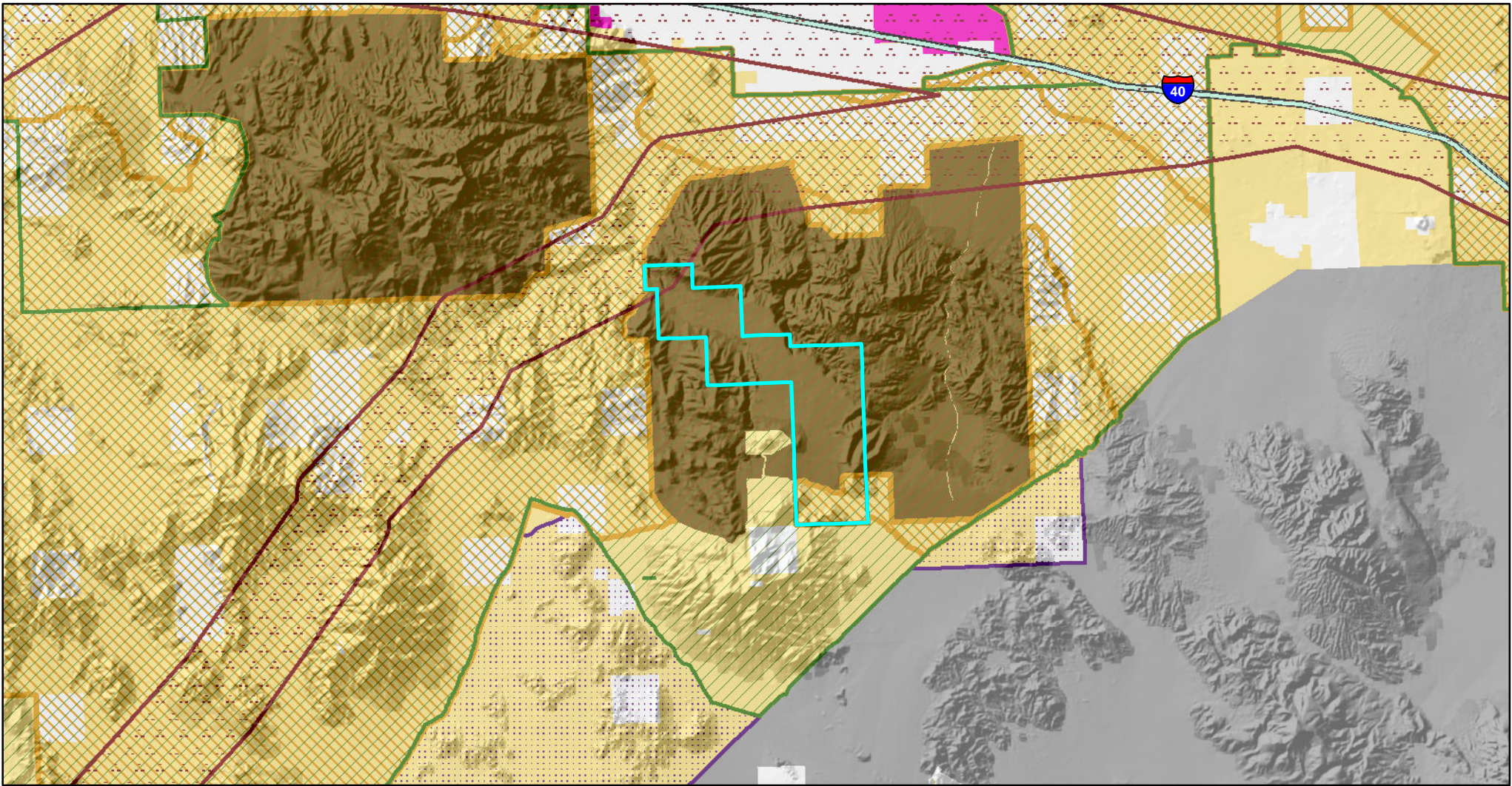


Rodman Mountains Cultural Area









6/24/2015



Draft Map Boundaries Subject to Change

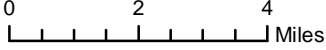




Conservation Footprint

-  Legislatively & Legally Protected Areas
-  National Conservation Lands
-  Proposed ACEC
-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary
- Renewable Footprint**
-  Development Focus Areas

- Land Status**
-  Bureau of Land Management
 -  Department of Defense

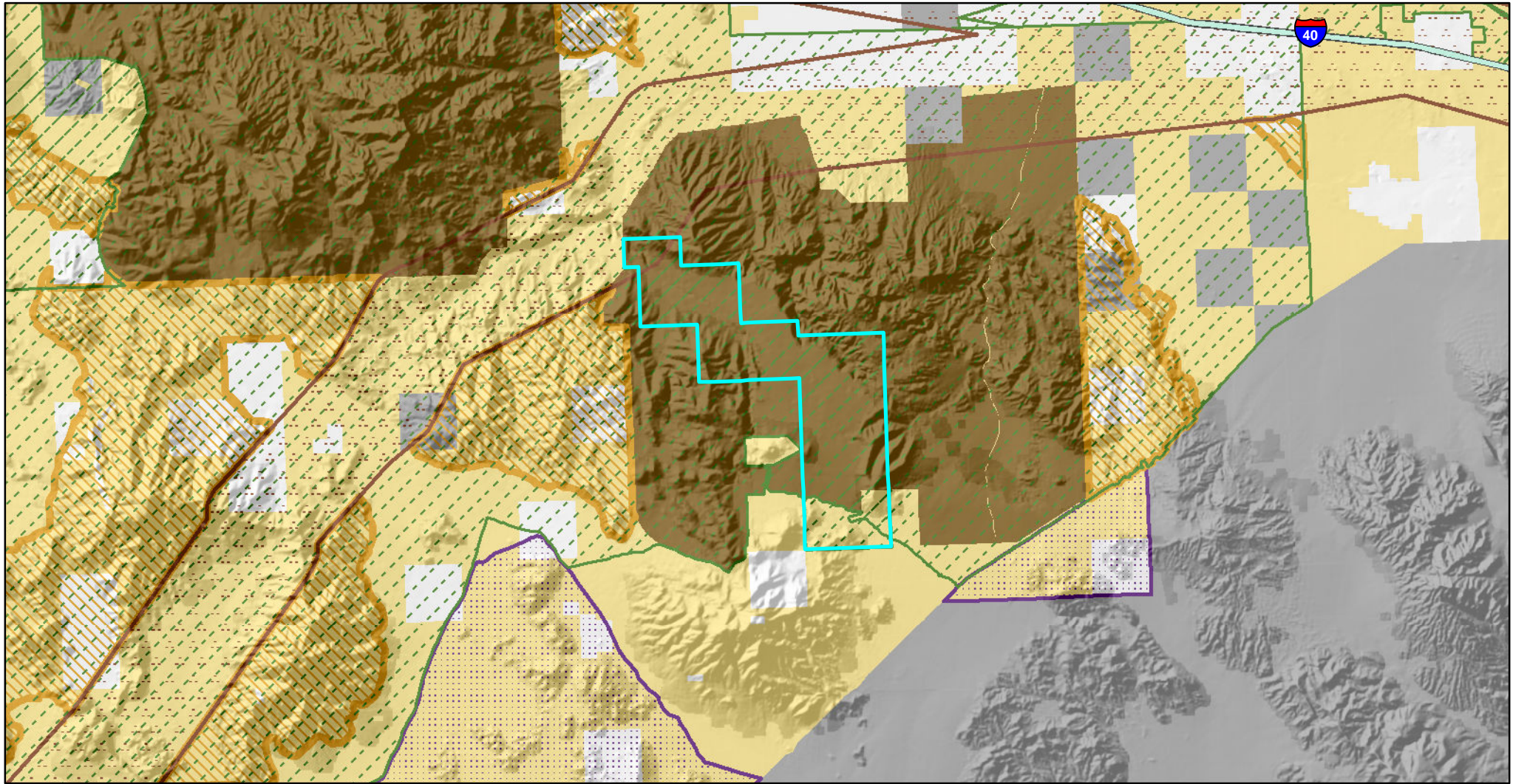


Rodman Mountains Cultural Area

7/14/2015

Draft Map Boundaries Subject to Change





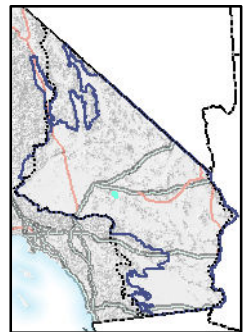
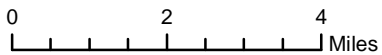
Conservation Footprint

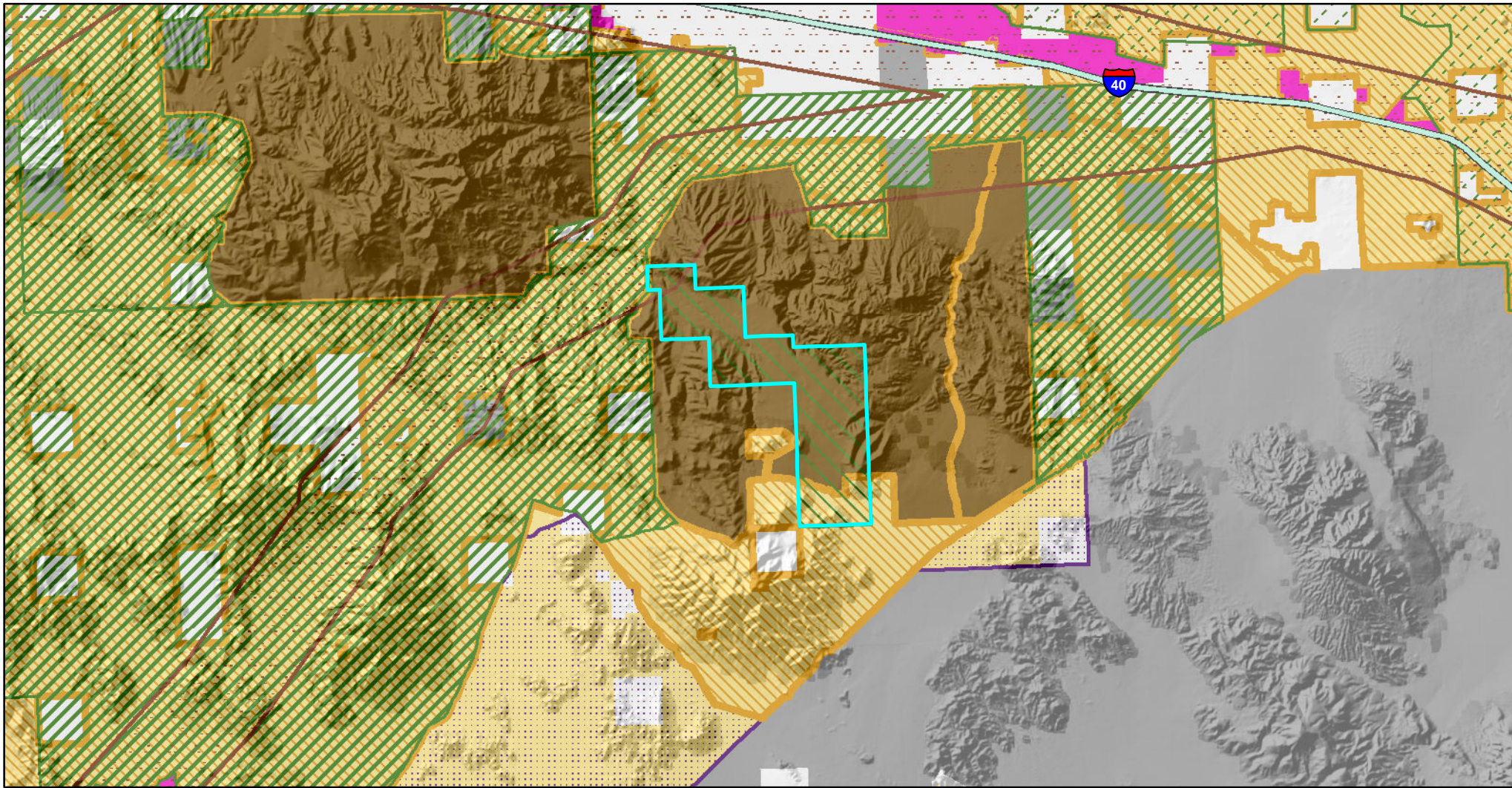
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|---|-----------------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| National Conservation Lands | CDCA Boundary | Bureau of Land Management |
| ACEC Boundaries | Transmission Corridor | Department of Defense |
| 1% Disturbance Cap | OHV Boundary | |

**Rodman Mountains Cultural Area
Alternative 1**

8/25/2015

Draft Map Boundaries Subject to Change





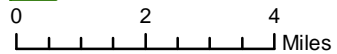
Conservation Footprint

- Legislatively & Legally Protected Areas
 - National Conservation Lands
- ACEC Boundaries**
- 0.25% Disturbance Cap
 - 0.5% Disturbance Cap
 - 1% Disturbance Cap

- DRECP Boundary
 - CDCA Boundary
 - Transmission Corridor
 - OHV Boundary
- Renewable Footprint**
- Development Focus Areas

Land Status

- Bureau of Land Management
- Department of Defense

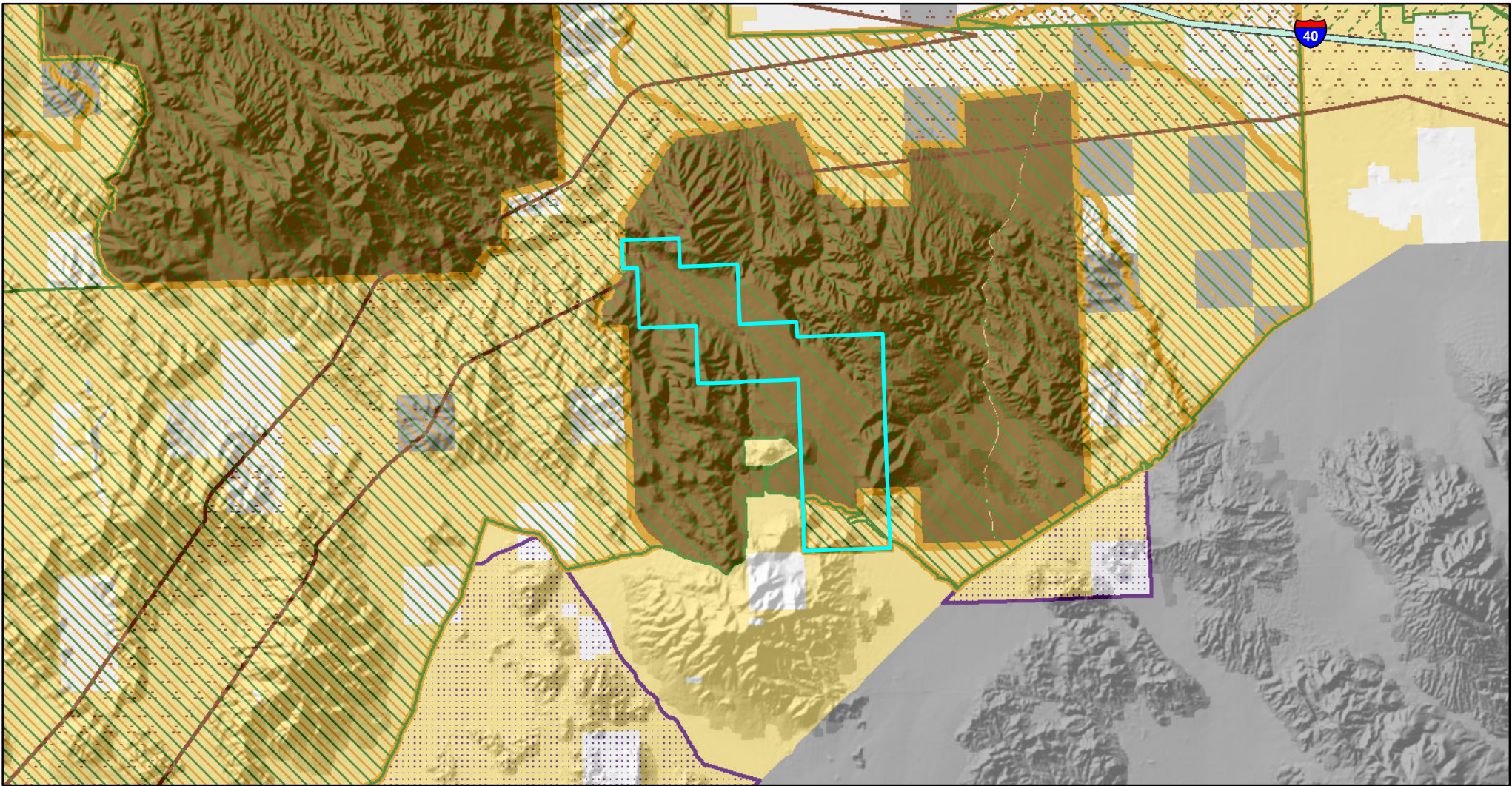


**Rodman Mountains Cultural Area
Alternative 2**

8/26/2015

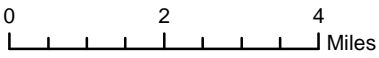
Draft Map Boundaries Subject to Change





Conservation Footprint

- | | | |
|---|-----------------------|---------------------------|
| Legislatively & Legally Protected Areas | DRECP Boundary | Land Status |
| National Conservation Lands | CDCA Boundary | Bureau of Land Management |
| ACEC Boundaries | Transmission Corridor | Department of Defense |
| 0.5% Disturbance Cap | OHV Boundary | |
| 1% Disturbance Cap | | |

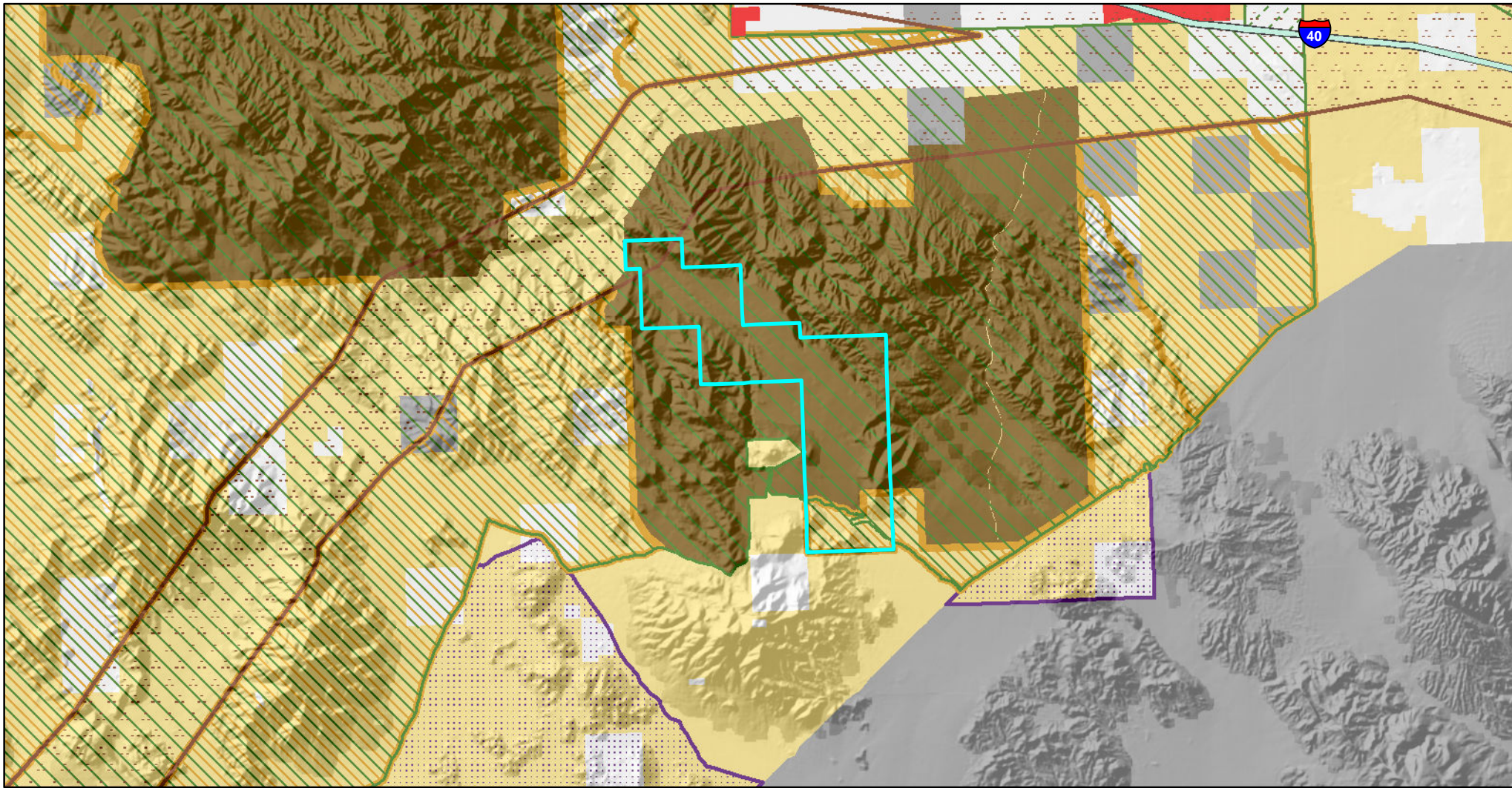


**Rodman Mountains Cultural Area
Alternative 3**





8/27/2015





Draft Map Boundaries Subject to Change








Conservation Footprint

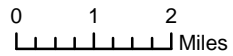
-  Legislatively & Legally Protected Areas
-  National Conservation Lands
- ACEC Boundaries**
-  0.5% Disturbance Cap
-  1% Disturbance Cap

-  DRECP Boundary
-  CDCA Boundary
-  OHV Boundary
-  Transmission Corridor

Renewable Footprint

-  Variance Lands

- Land Status**
-  Bureau of Land Management
 -  Department of Defense

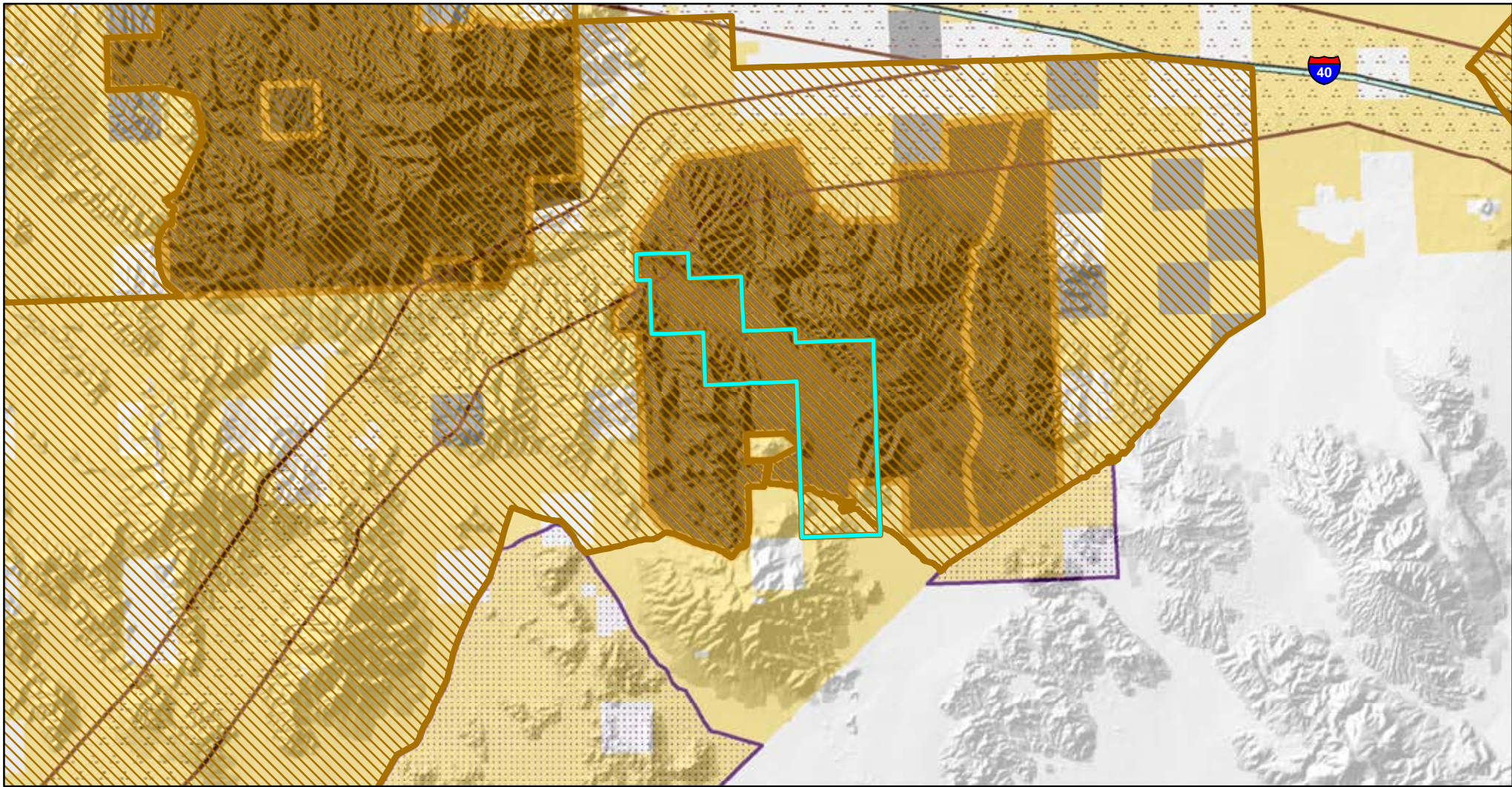


**Rodman Mountains Cultural Area
Alternative 4**

8/27/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

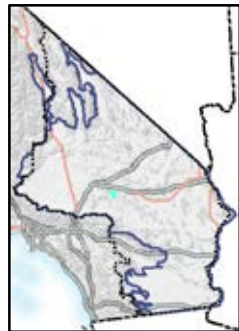
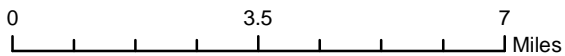
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|-----------------------|---|---------------------------|
| Existing ACEC | National Conservation Lands | Land Status |
| Transmission Corridor | OHV Boundary | Bureau of Land Management |
| CDCA Boundary | Legislatively & Legally Protected Areas | Department of Defense |
| DRECP Boundary | | |

Rodman Mountains Cultural Area

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Soggy Dry Lake Creosote Rings

National Conservation Lands Ecoregion : Pinto Lucerne Valley and Eastern Slopes

Description/Location: Located in section 17 of township 4 North, Range 3 East, in San Bernardino County. Access is from State Highway 247 which travels south from Barstow.

Nationally Significant Values:

Ecological: This area was designated to protect an Unusual Plant Assemblage; the largest know creosote rings on public lands administered by the federal government are situated within the unit. The rings of creosote within the unit area have recently been identified as the world's oldest living plant. The uniqueness, high research value, and susceptibility to damage from intensive recreation uses are the principle reasons for its designation.

Scientific: The creosote rings provide a unique opportunity for studying the worlds living organisms.

Special Designations/Management Plan/Date: Plan 47/1982

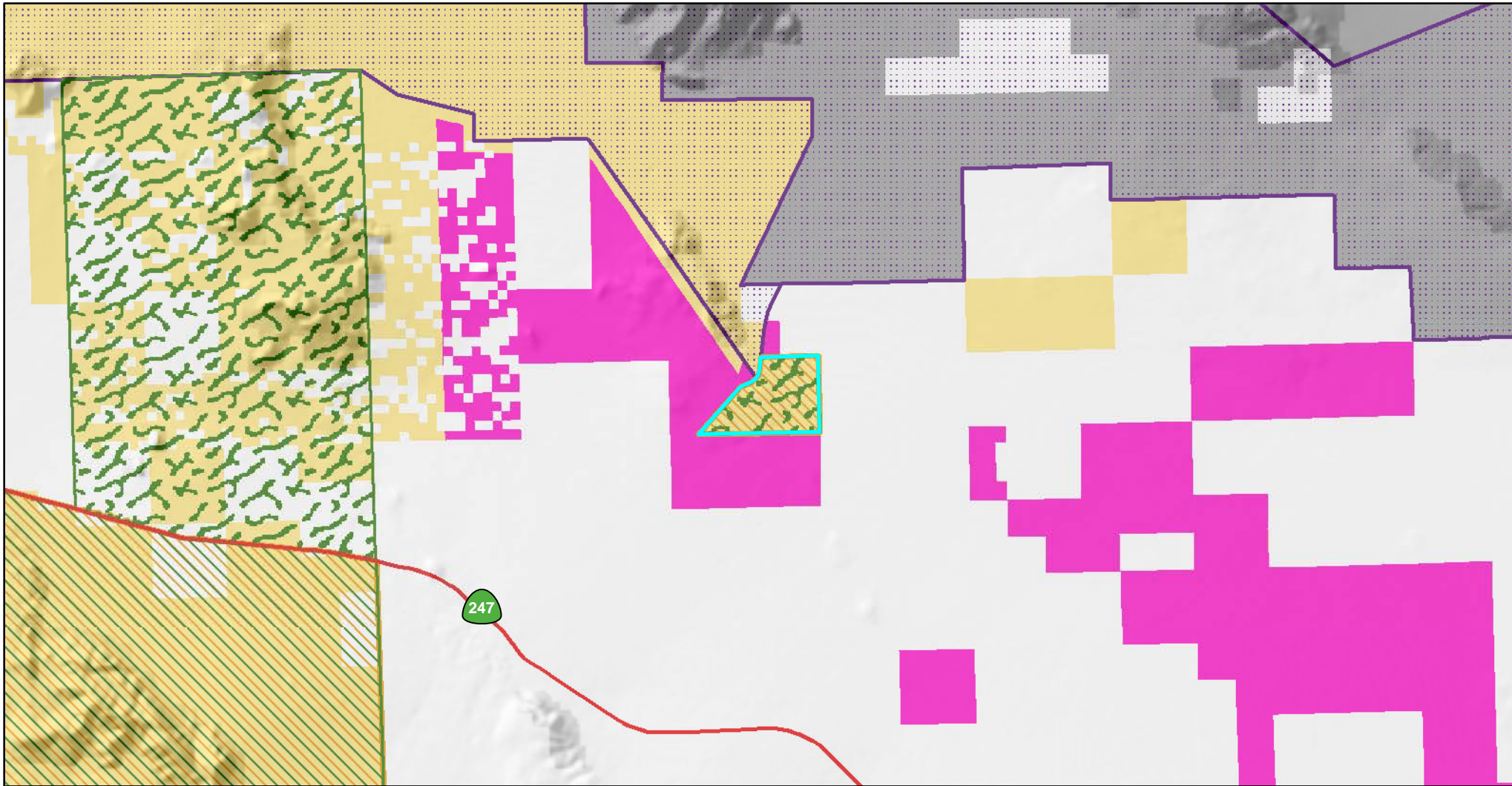
Relevance and Importance Criteria: This area was designated to protect an Unusual Plant Assemblage, the largest know creosote rings on public lands administered by the federal government are situated within the ACEC. The rings of creosote within the ACEC area have recently been identified as the world's oldest living plant. The uniqueness, high research value, and susceptibility to damage from intensive recreation uses are the principle reasons for its designation.

Overarching Goals: To provide high level protection to the creosote rings .

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:				
Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	200	0	NA
Preferred Alternative	184	200	0	0.10%
1	0	450	0	1%
2	200	200	0	0.10%
3	0	500	0	0.5%
4	200	500	0	0.5%
* Acreage values are for BLM managed lands				
Objectives (desired future conditions)/Allowable Uses/Management Actions			Resource	
Objective: Protect sensitive creosote rings from human disturbance Management Action 1: Fence a representative group of creosote rings covering about six acres Management Action 2: Prohibit harvest of vegetation Management Action 3: Post interpretive signs Management Action 4: Provide continued opportunities for research by BLM, scientific institutions, and individuals Management Action 5: Implement a monitoring program to evaluate protective measures			Vegetation - Including special status species	
Objective: Protect creosote rings from impacts associated with vehicle traffic Allowable Uses: Closed to all vehicle use			Trails and Travel Management	
Objective: Consolidate through tenure adjustment. Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.			Land Tenure	
Objective: Protect resource values of the ACEC Management Action: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.			Rights-of-Way	
No development Objective: Maintain integrity of large blocks of habitat Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.			Renewable Energy	
Objective: Protect creosote rings from impacts associated with mining activities Allowable Uses: No mining claims; No locatable, leasable, or saleable minerals			Locatable Minerals Mineral Materials Non-Energy Leasables	



Conservation Footprint

National Conservation Lands

ACEC Boundaries

0.1% Disturbance Cap

0.5% Disturbance Cap

DRECP Boundary

CDCA Boundary

OHV Boundary

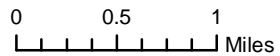
Renewable Footprint

Development Focus Areas

Land Status

Bureau of Land Management

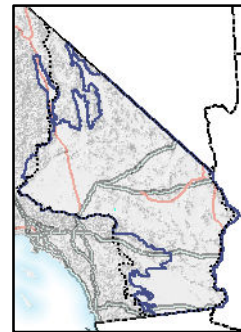
Department of Defense

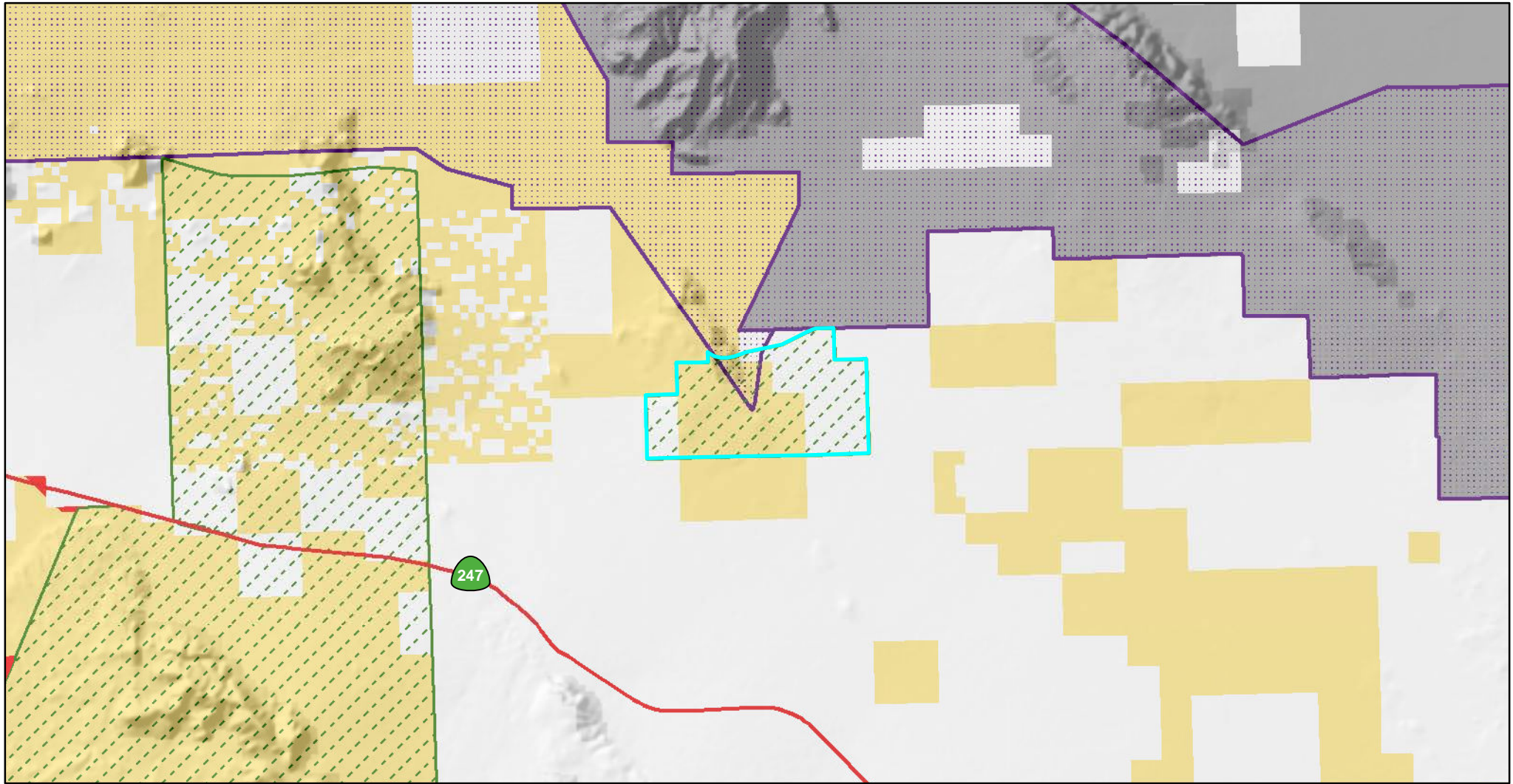


Soggy Dry Lake Creosote Rings

6/24/2015

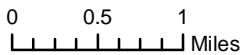
Draft Map Boundaries Subject to Change





Conservation Footprint

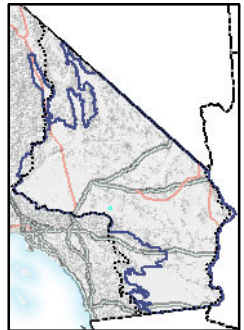
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|-------------------------|----------------|---------------------------|
| ACEC Boundaries | DRECP Boundary | Land Status |
| 1% Disturbance Cap | CDCA Boundary | Bureau of Land Management |
| | OHV Boundary | Department of Defense |
| Renewable Footprint | | |
| Development Focus Areas | | |
| Variance Lands | | |

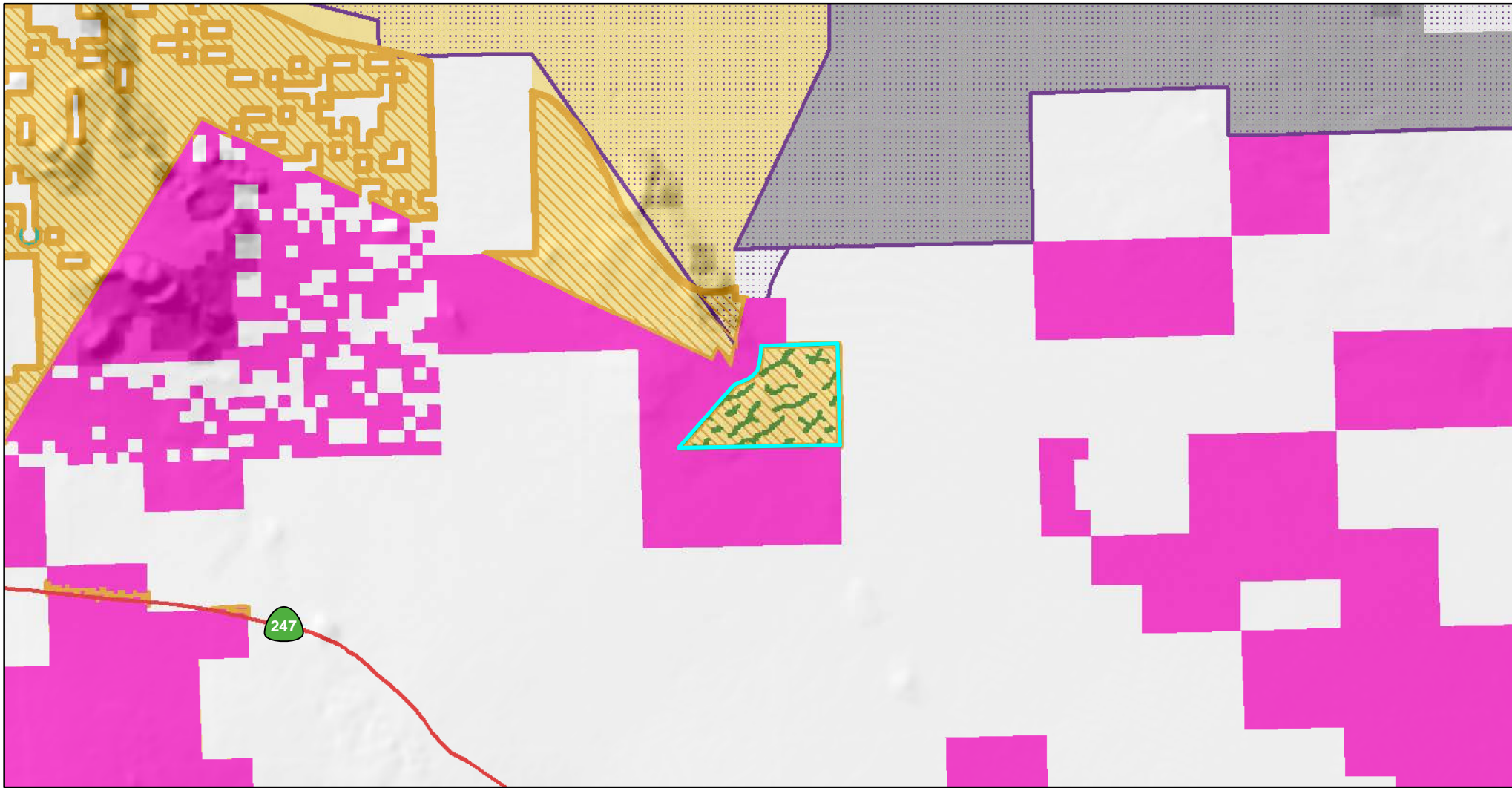


Soggy Dry Lake Creosote Rings
Alternative 1

8/25/2015

Draft Map Boundaries Subject to Change









Conservation Footprint

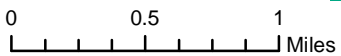
-  National Conservation Lands
-  DRECP Boundary
-  ACEC Boundaries
-  CDCA Boundary
-  0.1% Disturbance Cap
-  OHV Boundary

Land Status

-  Bureau of Land Management
-  Department of Defense

Renewable Footprint

-  Development Focus Areas
-  Future Assessment Areas

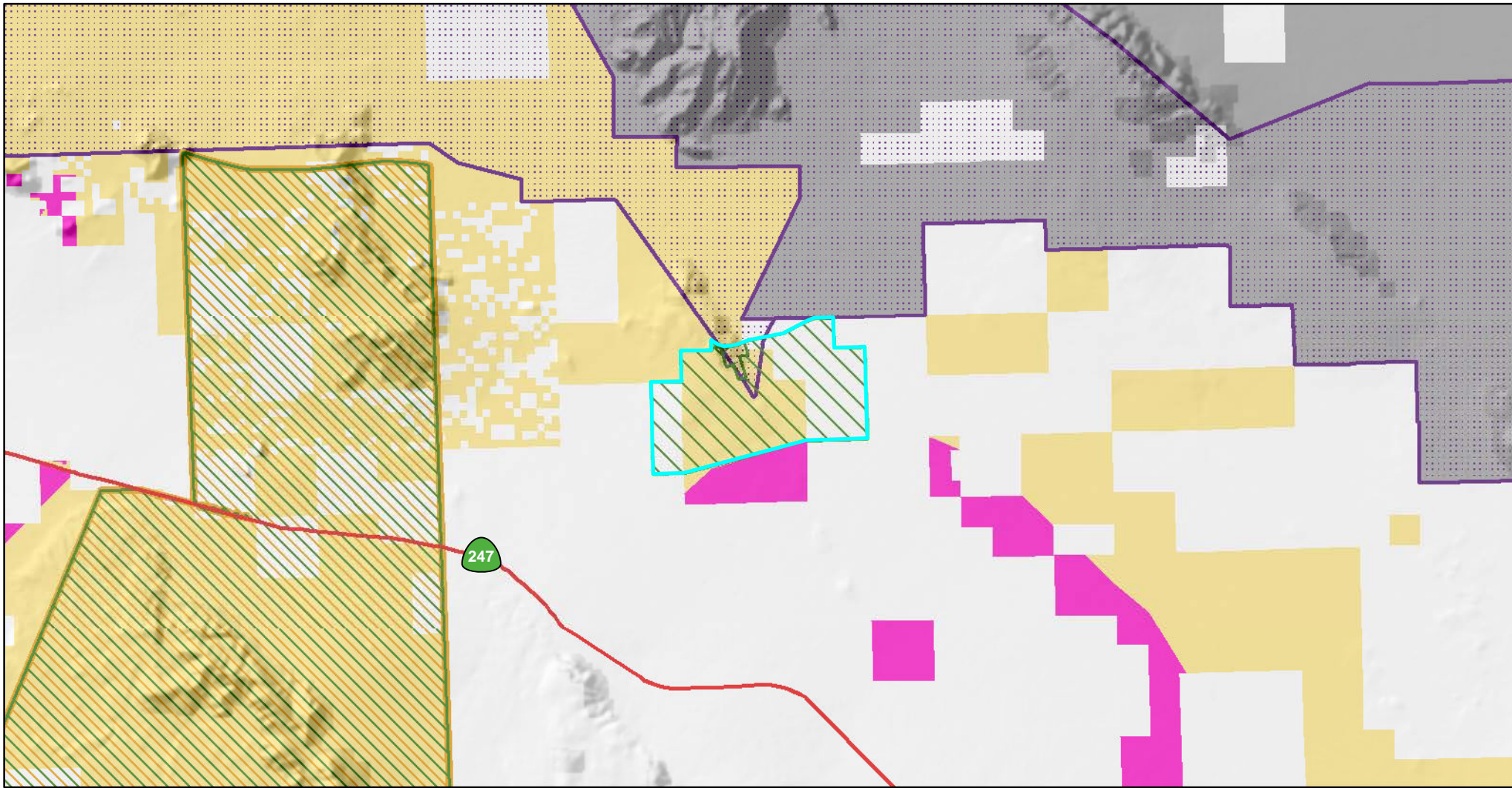


**Soggy Dry Lake Creosote Rings
Alternative 2**

8/26/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

National Conservation Lands

ACEC Boundaries

0.5% Disturbance Cap

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

OHV Boundary

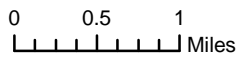
Renewable Footprint

Development Focus Areas

Land Status

Bureau of Land Management

Department of Defense

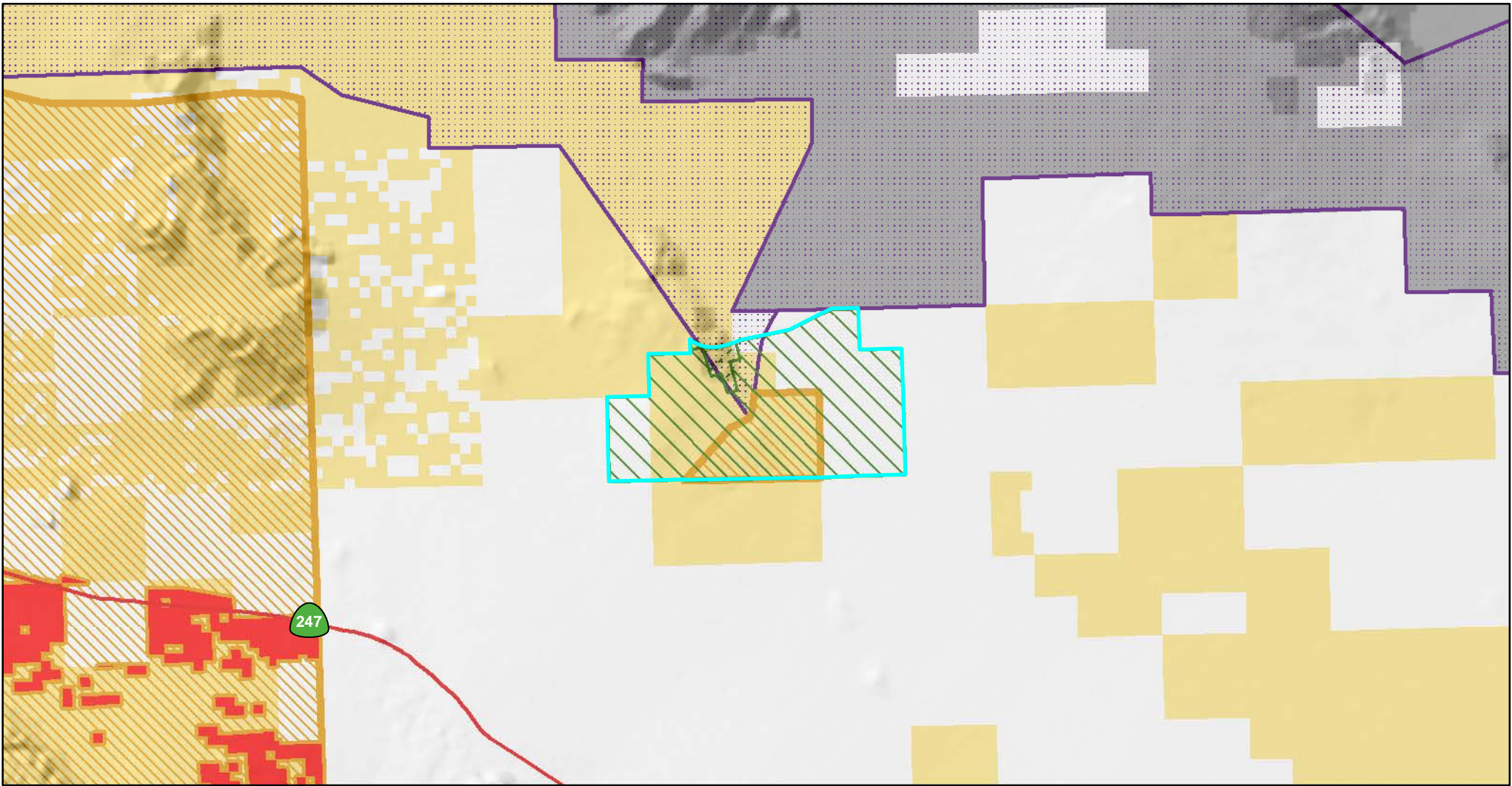


**Soggy Dry Lake Creosote Rings
Alternative 3**

8/27/2015

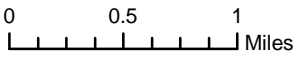
Draft Map Boundaries Subject to Change





Conservation Footprint

- | | | |
|-----------------------------|----------------------------|---------------------------|
| National Conservation Lands | DRECP Boundary | Land Status |
| ACEC Boundaries | CDCA Boundary | Bureau of Land Management |
| 0.5% Disturbance Cap | OHV Boundary | Department of Defense |
| 1% Disturbance Cap | Renewable Footprint | |
| | Variance Lands | |

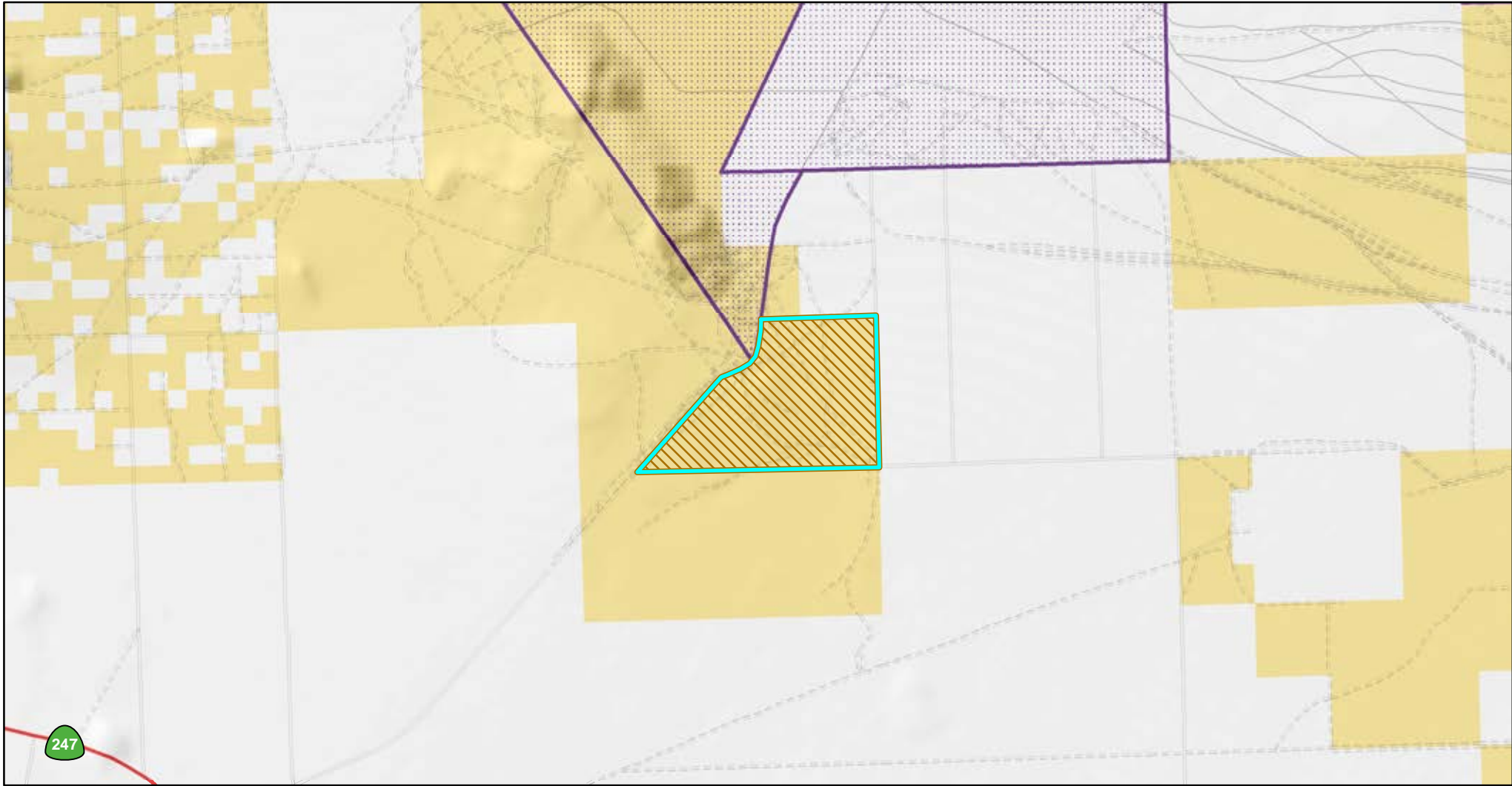


**Soggy Dry Lake Creosote Rings
Alternative 4**






8/27/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

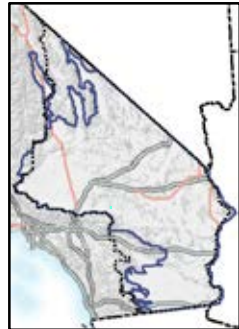
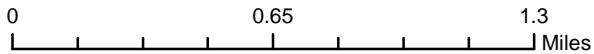
- | | |
|---|---|
|  Existing ACEC | Land Status |
|  CDCA Boundary |  Bureau of Land Management |
|  DRECP Boundary | |
|  OHV Boundary | |

Soggy Dry Lake Creosote Rings

No Action

9/15/2015

Draft Map Boundaries Subject to Change



Upper Johnson Valley Yucca Rings

National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: Located along the southwestern slope of the Fry Mountains in San Bernardino County, California. Access is provided from State Highway 247 by a series of dirt roads.

Nationally Significant Values: Not proposed for NLCS designation.

Special Designations/Management Plan/Date: ACEC Plan 46/1982

Relevance and Importance Criteria: Designated to provide protection of an Unusual Plant Assemblage, the yucca rings present within the ACEC are the largest and oldest Mojave Yucca rings known, with an estimated age up to 2,250 years. The uniqueness, high research value, and susceptibility to damage from intensive recreational uses are the principle reasons for designation.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Johnson Valley Allotment.

Overarching Goals: To increase protection of sensitive biological resources while continuing use of lands for compatible recreational opportunities.

Where the CMAs in this Special Management Plan conflict from the CMAs included in Volume II of the Proposed LUPA and Final EIS, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

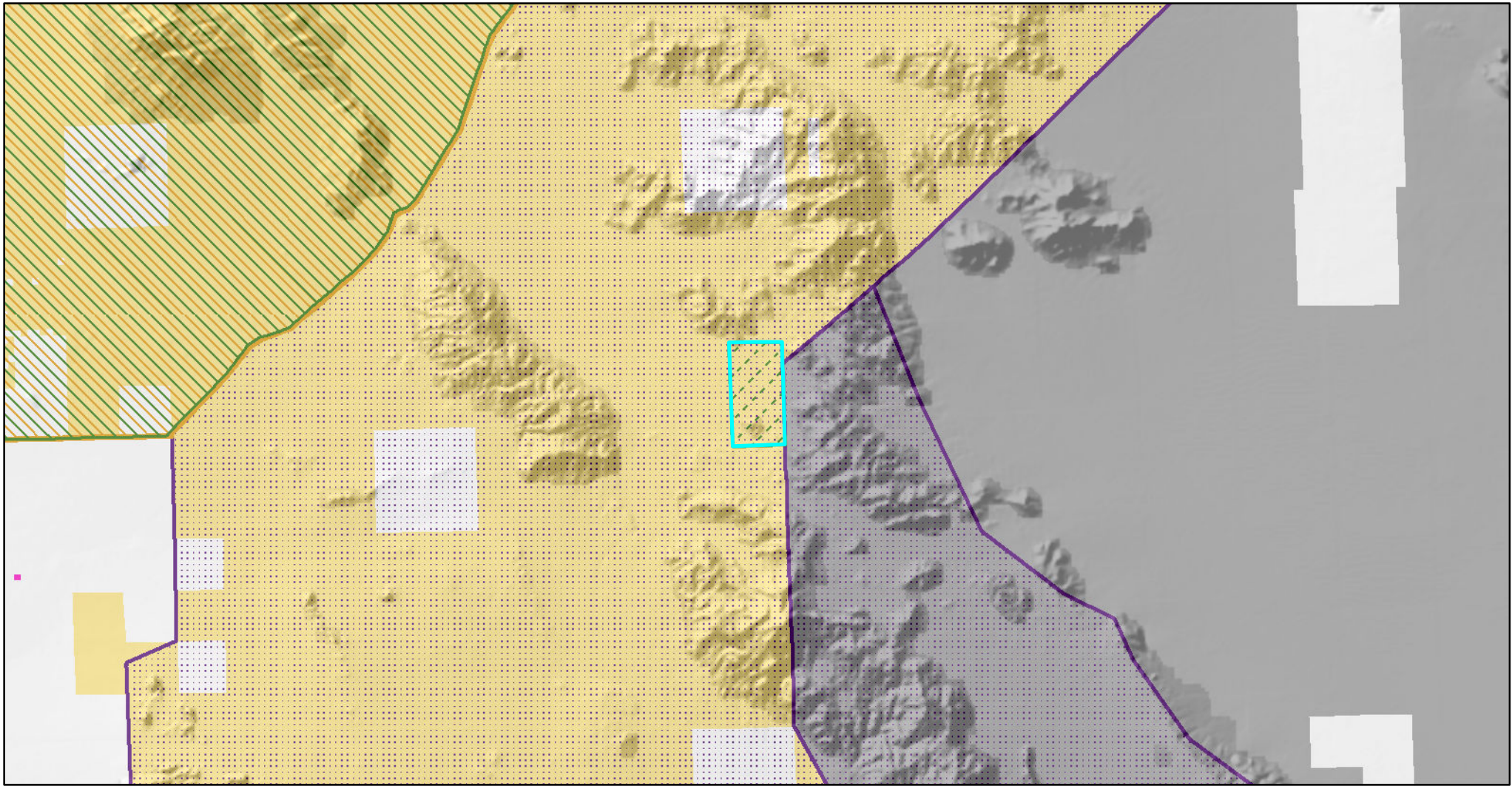
If this area is included in the National Conservation Lands, the BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage by Alternative:

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	300	0	NA
Preferred Alternative	0	331	0	1%
1	0	300	0	1%
2	0	300	0	1%
3	0	300	0	1%
4	0	300	0	1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect sensitive yucca rings</p> <p>Management Action 1: Fence a specific group of yucca rings covering approximately 7 acres</p> <p>Management Action 2: Prohibit harvest of vegetation</p> <p>Management Action 3: Post interpretive signs</p> <p>Management Action 4: Provide continued opportunities for research by BLM, scientific institutions, and individuals</p> <p>Management Action 5: Implement a monitoring program to evaluate effectiveness of protective measures</p>	Vegetation - Including special status species
<p>Objective: Protect yucca rings from impacts associated with vehicle traffic</p> <p>Allowable Uses: Closed to all vehicle use</p>	Trails and Travel Management
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action: Acquire inholdings, edgeholdings and other interests from willing sellers.</p>	Land Tenure
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action: Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals.</p>	Rights of Way (ROW)
<p>Objective: Maintain integrity of large blocks of habitat</p> <p>Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy
<p>Objective: Protect Mojave yucca rings from impacts associated with mining activities</p> <p>Allowable Uses: Closed to leasable and saleable minerals.</p>	Locatable Minerals Mineral Materials Non-Energy Leasables
<p>Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable</p> <p>A part of this ACEC is within the Johnson Valley grazing allotment. This allotment is scheduled to be permanently closed to livestock grazing through the DRECP process.</p>	Livestock grazing



Conservation Footprint

National Conservation Lands

ACEC Boundaries

0.5% Disturbance Cap

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

OHV Boundary

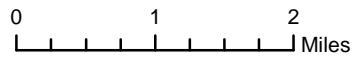
Renewable Footprint

Development Focus Areas

Land Status

Bureau of Land Management

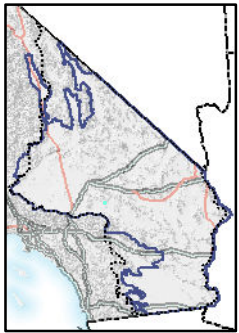
Department of Defense

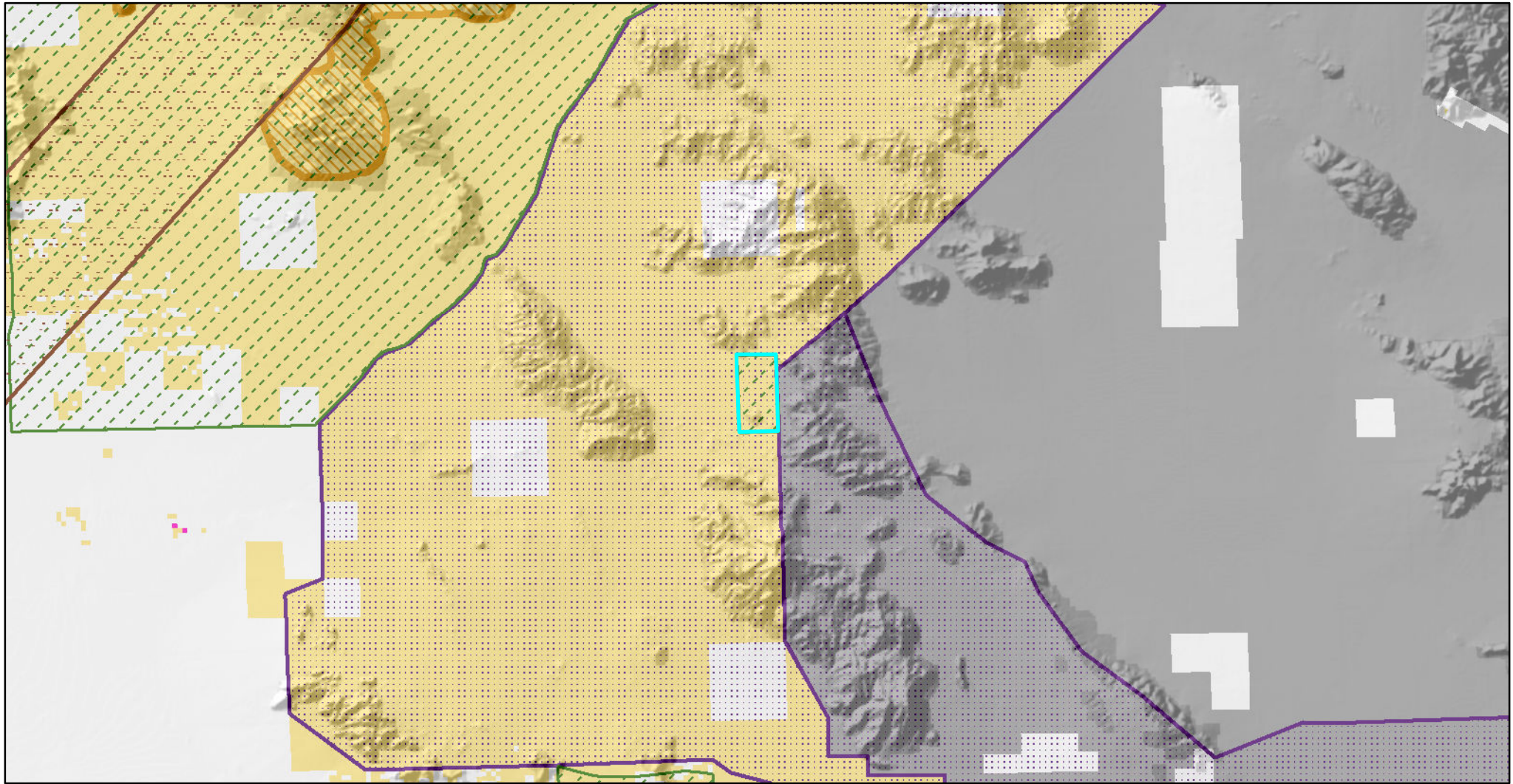


Upper Johnson Valley Yucca Rings




6/24/2015





Draft Map Boundaries Subject to Change







Conservation Footprint

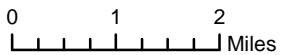
-  National Conservation Lands
-  ACEC Boundaries
-  1% Disturbance Cap

-  DRECP Boundary
-  CDCA Boundary
-  Transmission Corridor
-  OHV Boundary

- Renewable Footprint
-  Development Focus Areas

Land Status

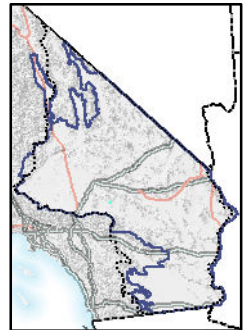
-  Bureau of Land Management
-  Department of Defense

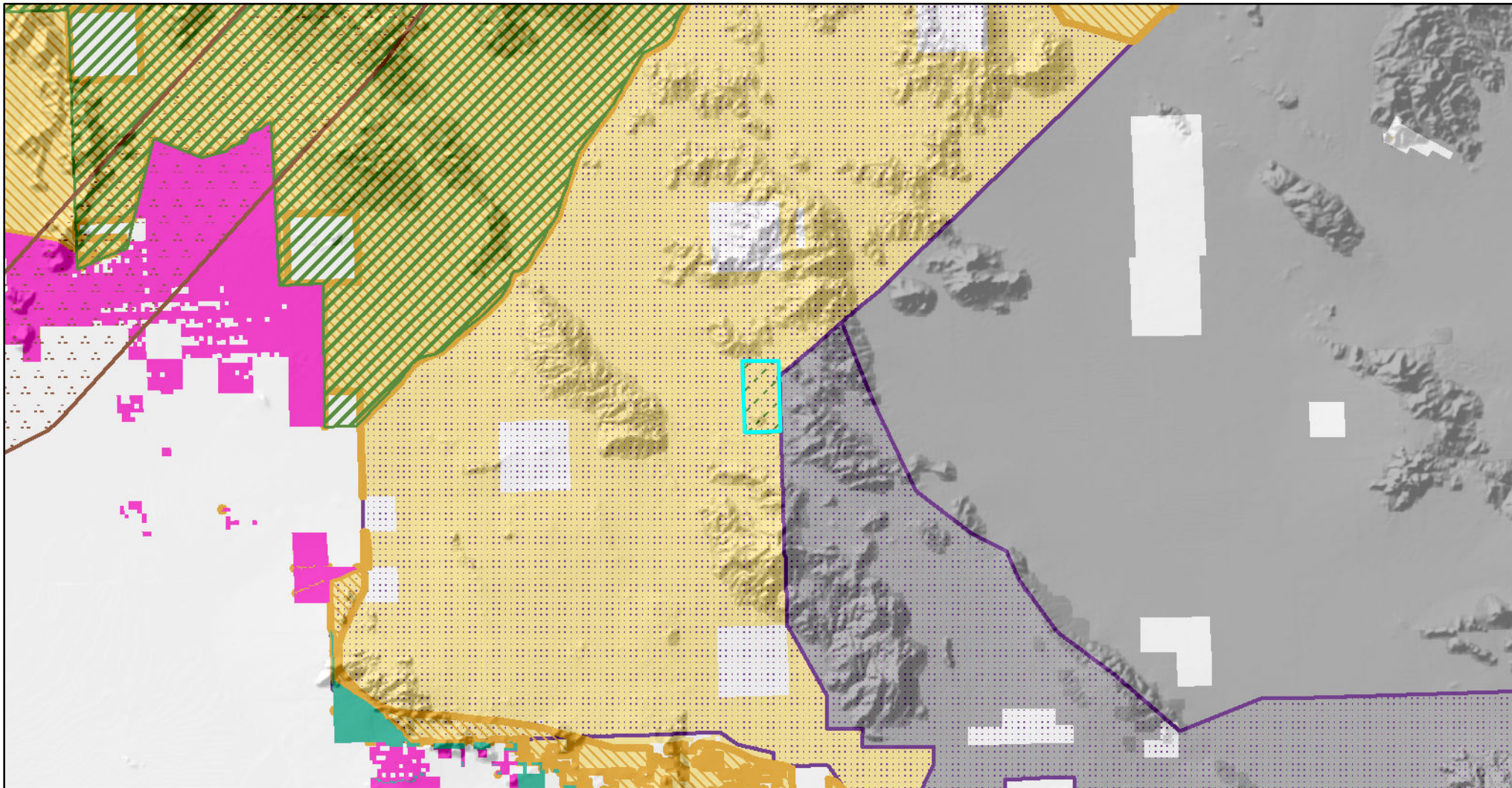


Upper Johnson Valley Yucca Rings Alternative 1

8/25/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

National Conservation Lands

ACEC Boundaries

0.25% Disturbance Cap

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

Transmission Corridor

OHV Boundary

Renewable Footprint

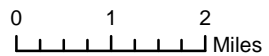
Development Focus Areas

Future Assessment Areas

Land Status

Bureau of Land Management

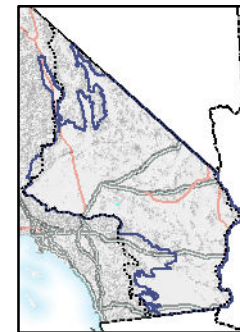
Department of Defense

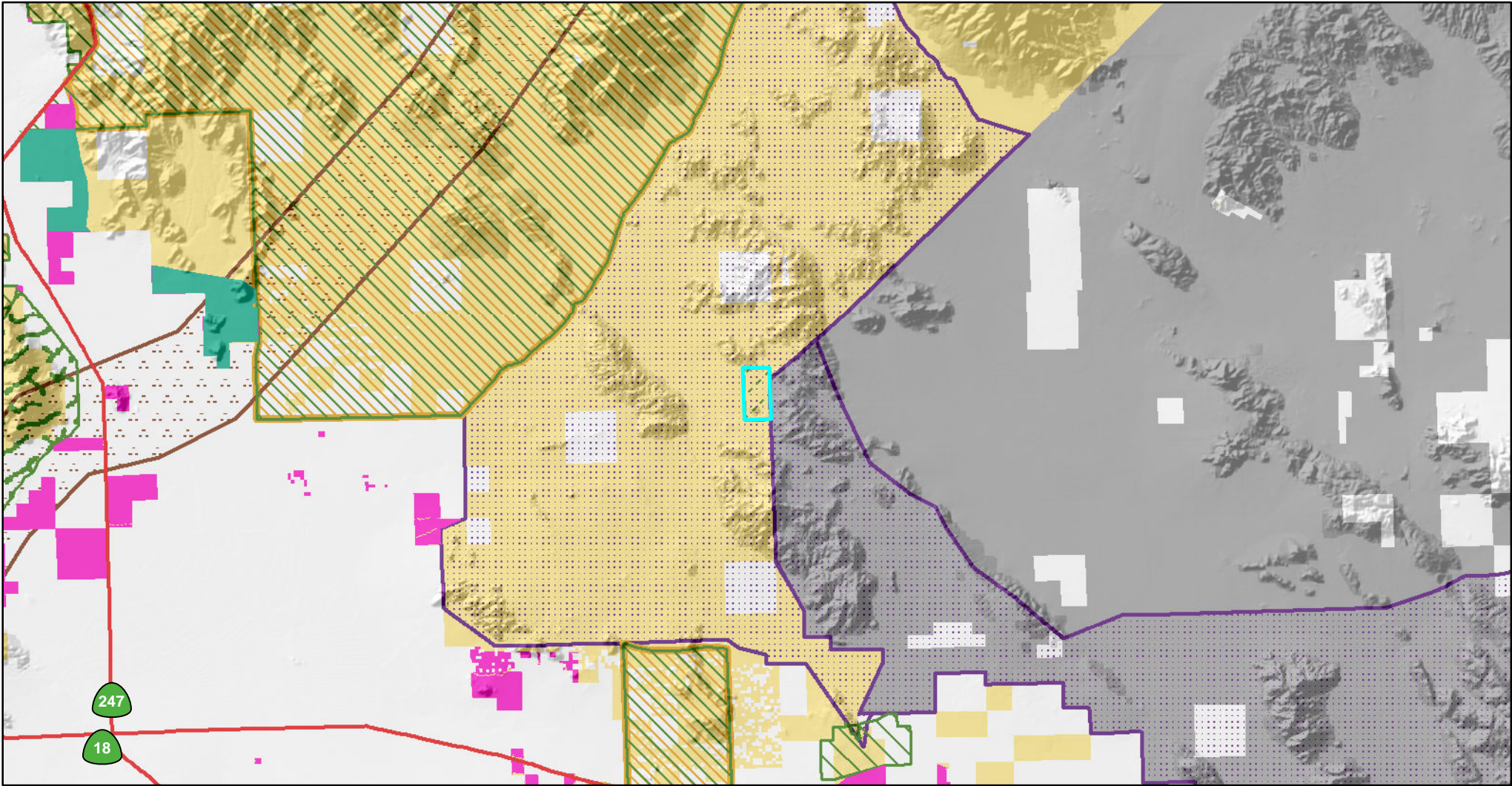


**Upper Johnson Valley Yucca Rings
Alternative 2**

8/26/2015

Draft Map Boundaries Subject to Change





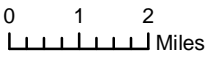
Conservation Footprint

- National Conservation Lands
- ACEC Boundaries**
- 0.1% Disturbance Cap
- 0.5% Disturbance Cap
- 1% Disturbance Cap

- DRECP Boundary
- CDCA Boundary
- Transmission Corridor
- OHV Boundary

- Land Status**
- Bureau of Land Management
 - Department of Defense

- Renewable Footprint**
- Development Focus Areas
 - Future Assessment Areas

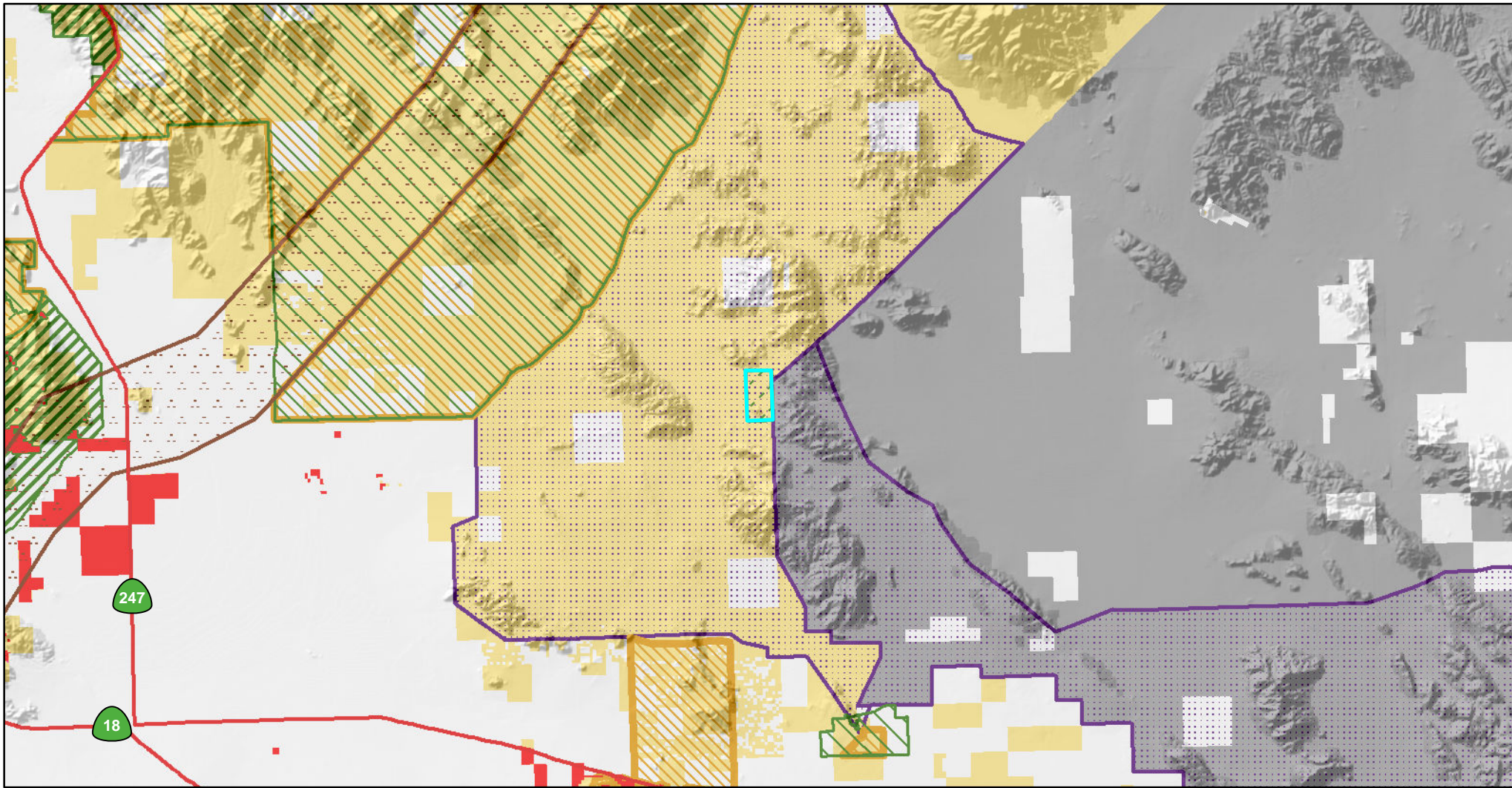


**Upper Johnson Valley Yucca Rings
Alternative 3**

8/27/2015

Draft Map Boundaries Subject to Change



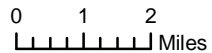


Conservation Footprint

- National Conservation Lands
- DRECP Boundary
- CDCA Boundary
- 0.25% Disturbance Cap
- 0.5% Disturbance Cap
- 1% Disturbance Cap
- OHV Boundary
- Transmission Corridor

- Land Status**
- Bureau of Land Management
 - Department of Defense

- Renewable Footprint**
- Development Focus Areas
 - Variance Lands

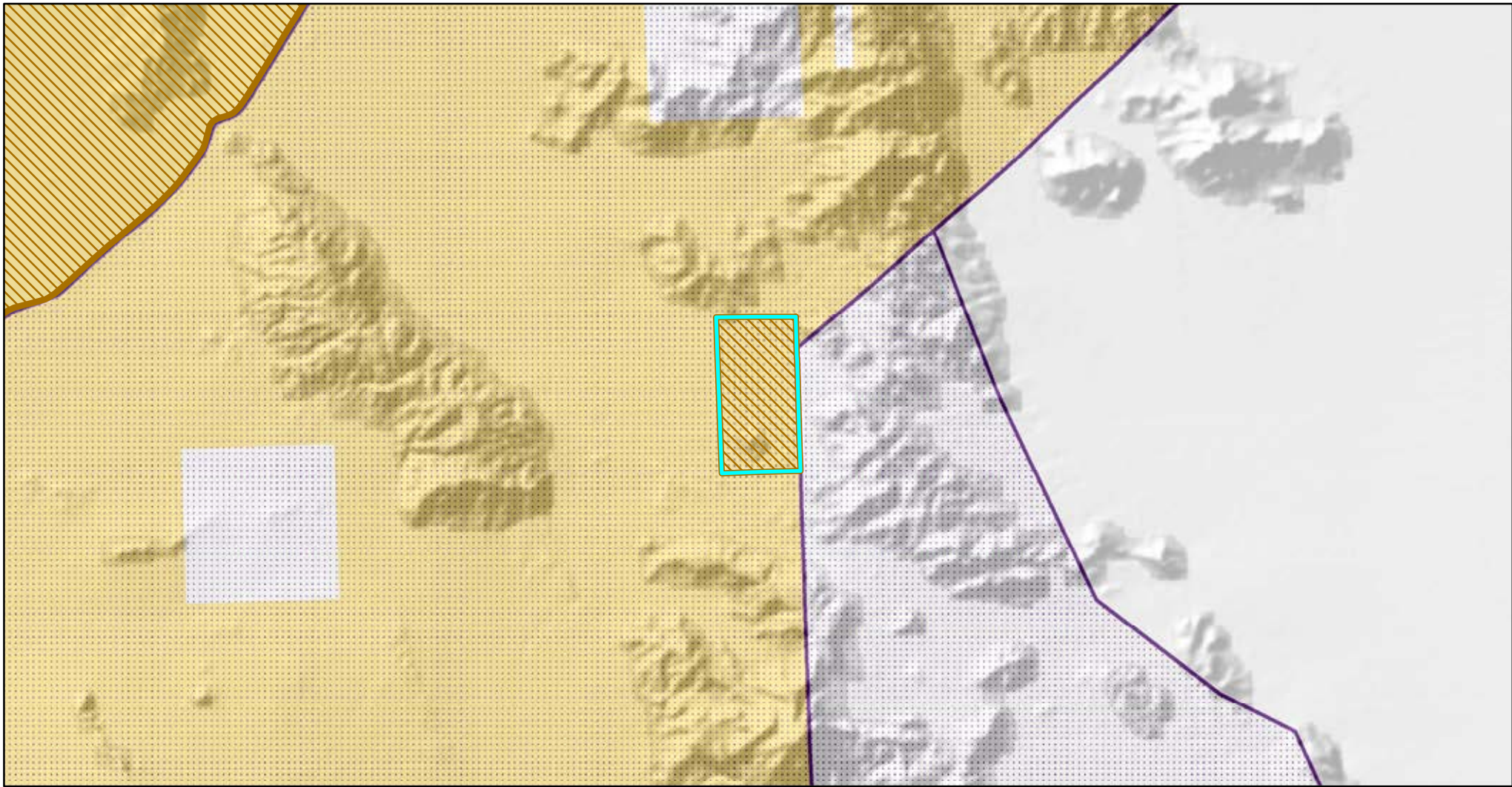


**Upper Johnson Valley Yucca Rings
Alternative 4**






8/27/2015

Draft Map Boundaries Subject to Change





Conservation Footprint

- | | |
|--|---|
|  Existing ACEC | Land Status |
|  CDCA Boundary |  Bureau of Land Management |
|  DRECP Boundary | |
|  OHV Boundary | |

Upper Johnson Valley Yucca Rings

No Action

9/15/2015

Draft Map Boundaries Subject to Change

