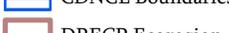
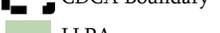
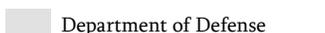


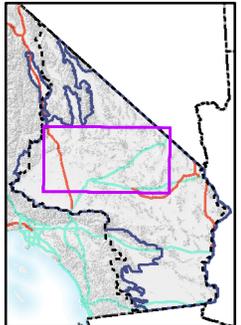
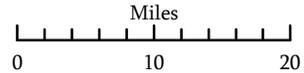
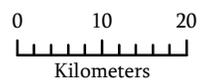
-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Ecoregion
-  DRECP Boundary
-  CDCA Boundary
-  LLPA

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

Mojave and Silurian Valley Ecoregion

7/28/2016

BLM California State Office



Mojave and Silurian Valley

Subregion ACEC Units

Unit Name	Map #	Page Number for Special Unit Management Plan
Afton Canyon	1	395
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Calico Early Man Site	19	415
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Cronese Basin	36	431
Denning Spring	40	436
Mesquite Hills-Crucero	69	440
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Afton Canyon

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Located 37 miles east of Barstow along Mojave River. Encompasses Afton Canyon and adjoining public lands. Accessible from I-15.

Nationally Significant Values:

Ecological: This unit is marked by permanent flowing water in one of the driest desert areas on the continent serving as a magnet for a diversity of plant and wildlife species, including many special status species. This unit provides landscape connectedness with adjacent Wilderness and Wilderness Study Areas.

Cultural: The Mojave Road and the Congressionally designated Old Spanish National Historic Trail pass through the canyon which is a relatively pristine landscape that allows visitors to experience the conditions during the western expansion of the country.

Special Designations/Management Plan/Date: Management Plan for Afton Canyon Natural Area and Surrounding Area May 1989

Relevance and Importance Criteria: Relevant Riparian, hydrologic, scenic, geological, climate adaptation, paleontological historical and Native American values. One of three locations where Mojave River has surface flows. High potential site for Old Spanish National Historic Trail. Scenic "Grand Canyon of the Mojave" with spectacular erosional stratigraphy; Special status plants-- unusual riparian plant assemblage that is rare in the desert environment. Number and diversity of wildlife species is high for the region. Numerous birds of special management concern such as vermilion flycatcher summer tanager, yellow warbler, yellow breasted chat, nesting raptors. Manix fault represents significant geology; permanent water has made area focus of human activity for past 12,000 years; significant way station on historic trade and migration route (Mojave Road); includes one of only well-studied rancholabrean age fossil assemblages. Some areas within the unit provide a combination of meteorological, geological, hydrological, topographical features that have been identified as important climate refugia (slow/minimized climate changes) for wildlife species.

National Historic and Scenic Trails: This unit overlaps a portion of the Old Spanish Trail.

Recreation Area: This unit overlaps with Afton Canyon SRMA.

Grazing Allotment: This unit overlaps Cady Mountain Allotment.

Lands with Wilderness Characteristics: This unit contains 4,267 acres of lands that would be managed to protect wilderness character. The CMAs for lands managed to protect wilderness character would also apply in those areas

Overarching Goals: Protect and enhance cultural, biological and scenic values of area while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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.

Portions of this area are included in the California Desert 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 the LUPA. 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:

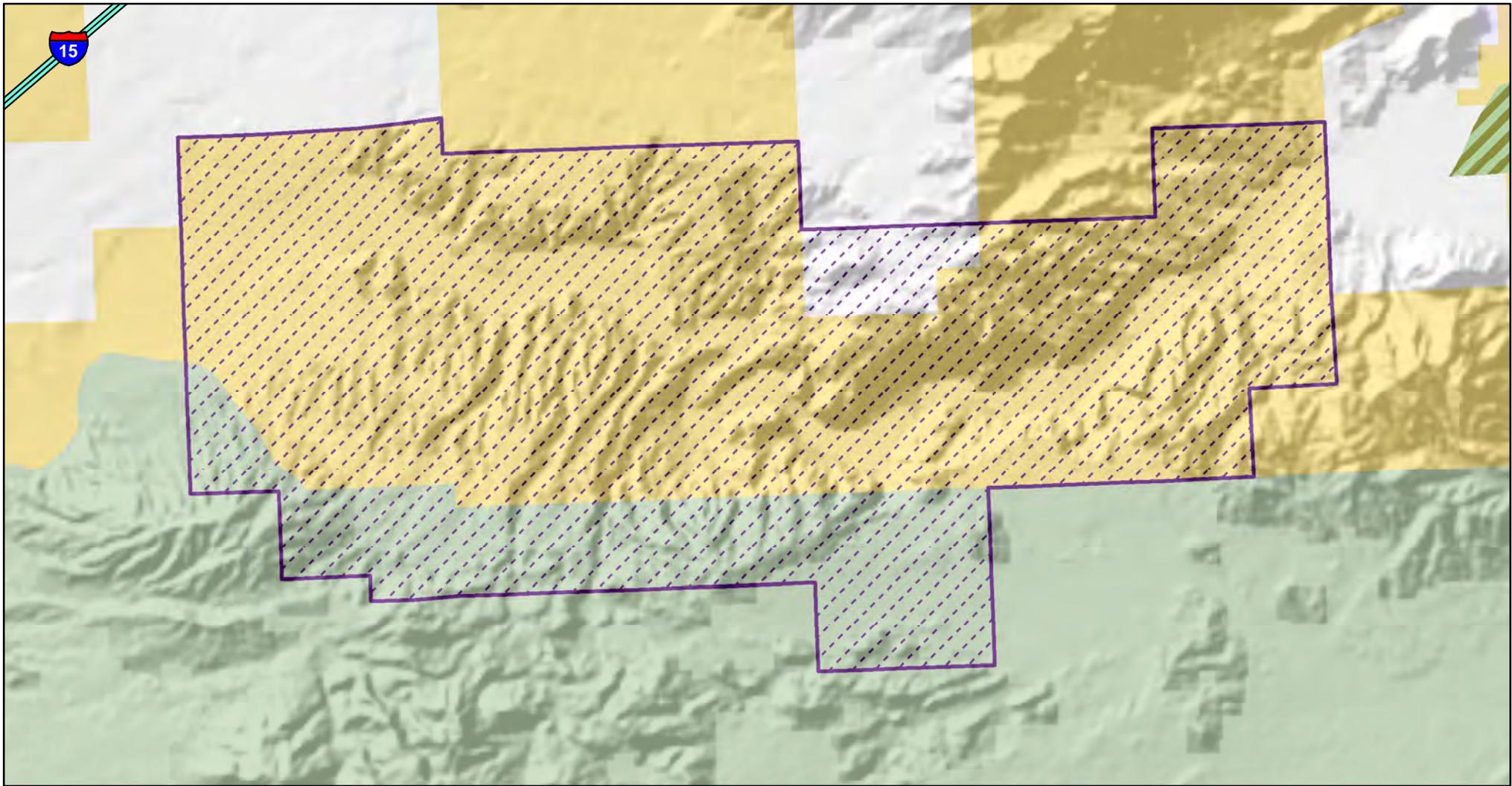
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
7,090	8,830	0	1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions) /Allowable Uses/Management Actions	Resource
<p>Objective: Retain existing flow regime and water volume</p> <p>Management Action:</p> <ul style="list-style-type: none"> Secure Federal Reserve Water Right <p>Objective: Reduce peak water temperatures during summer months</p> <p>Management Action:</p> <ul style="list-style-type: none"> Plant riparian vegetation and install fencing as necessary to protect riparian areas 	Soil, water, air
<p>Objective: Improve condition of riparian habitat to proper functioning condition</p> <p>Management Action:</p> <ul style="list-style-type: none"> Remove invasive tamarisk 	Vegetation – Including special status species
<p>Objective: Improve habitat for desert bighorn sheep</p> <p>Management Action:</p> <ul style="list-style-type: none"> Establish supplemental water sources where appropriate <p>Objective: Allow for movement of plants and animals in response to climate change and to accommodate genetic mixing</p> <p>Management Action:</p> <ul style="list-style-type: none"> Maintain species connectivity through the canyon 	Fish and Wildlife – Including special status species

<p>Objective: Protect biodiversity and manage for resilience (protect climate refugia and provide for migration corridors).</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • 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). • 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). • Maintain migration corridor integrity by minimizing obstructions (fences, roads), disturbances (limiting access to water and shade during peak temperatures) and habitat fragmentation. <p>Objective: 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 Actions:</p> <ul style="list-style-type: none"> • 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.). • Minimize carbon sequestration losses from management activities by reducing impacts to vegetation, soil structure and soil biota. • 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>Climate Change and Adaptation</p>
<p>Objective: Maintain recreational opportunities while avoiding impacts to other resources</p> <p>Allowable Uses: Limit off-highway vehicle use to designated routes as per the local Travel Management plan</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Evaluate existing route network and provide for appropriate designation of roads and trails 	<p>Trails and Travel Management</p>
<p>Objective: Provide dispersed opportunities focused on enjoyment of the unit qualities, provide opportunities for equestrian use and group gatherings</p> <p>Allowable Uses: Camping limited to the three designated campgrounds. Campfires are limited to designated campgrounds. Firewood collection is prohibited. No target shooting.</p>	<p>Recreation</p>

<p>Management Actions:</p> <ul style="list-style-type: none"> • Provide for group camping and equestrian facilities • Develop interpretive materials highlighting area values • Develop campground host program <p>Refer to the Afton Canyon Special Recreation Management Area (SRMA) write-up for detailed objectives, allocations, and management direction</p>	
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	Land Tenure
<p>Objective: Protect resource values</p> <p>Allowable Uses: Entire area is ROW exclusion area except for inholder access.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Do not authorize ROWs within the ACEC 	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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 biological and cultural resources</p> <p>Allowable Uses: No locatable mineral entry. No mineral material sales. No-surface occupancy</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Withdraw entire area from locatable mineral entry, as per 1989 plan 	Locatable Minerals Mineral Materials Non-Energy Leasables
<p>Note: The Cady Mountain Allotment was permanently retired through the DRECP process.</p>	Livestock grazing
<p>Objective: Manage as burro-free area</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Remove burros from area as necessary 	Wild Horses and Burros



ACEC Boundaries
 1% Disturbance Cap

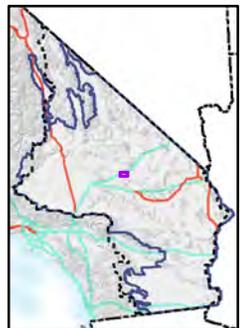
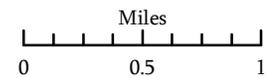
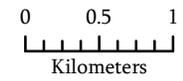
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
-  Open OHV Areas

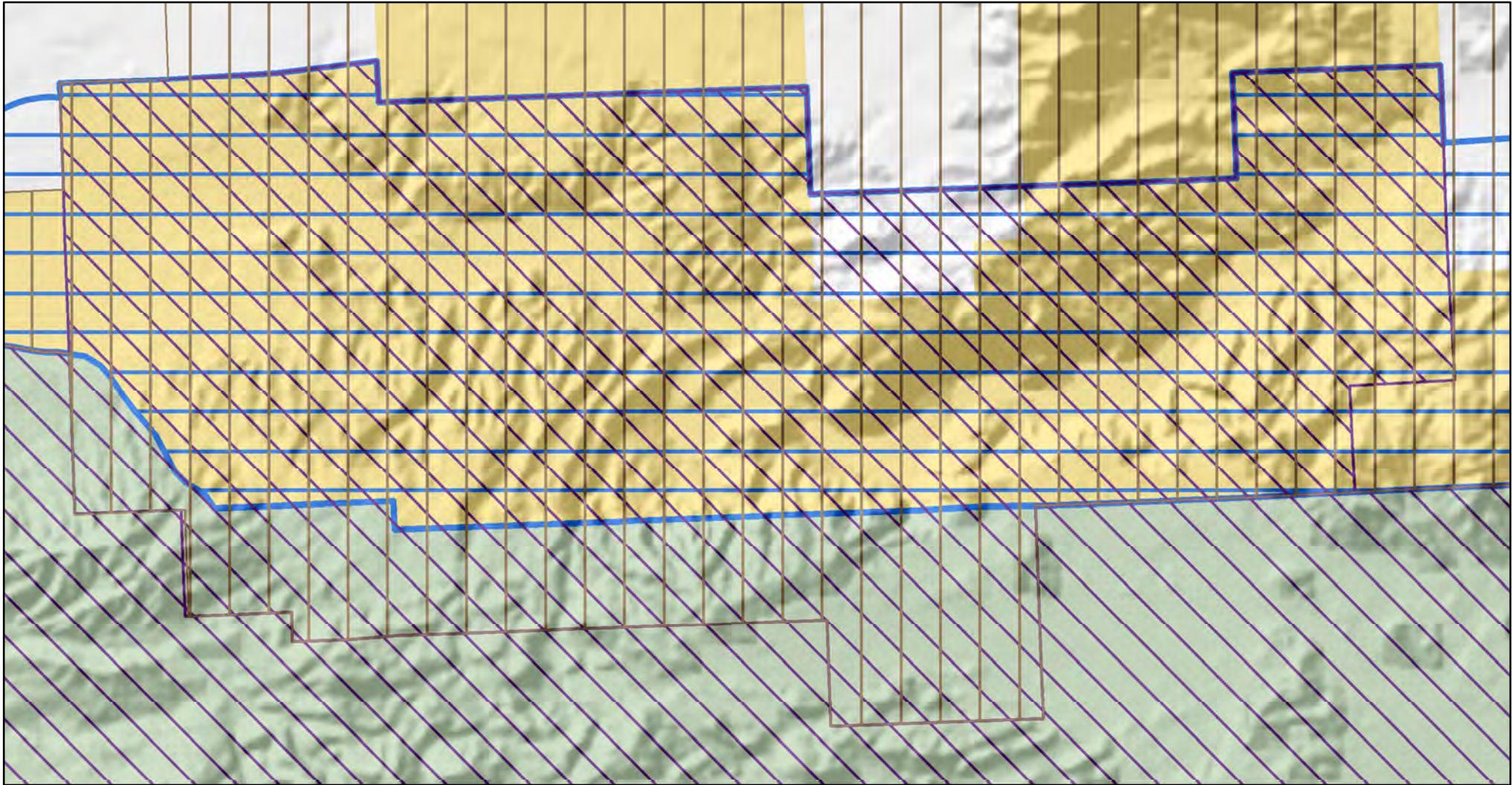
Land Status
 Bureau of Land Management

Afton Canyon ACEC

7/20/2016

BLM California State Office



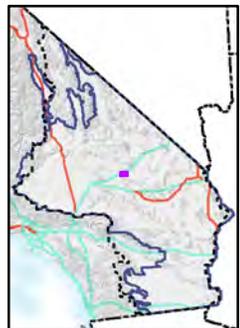
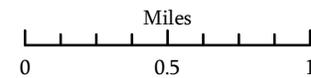
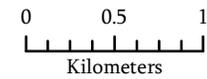


-  SRMA Boundaries
-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
- Land Status**
-  Bureau of Land Management

Afton Canyon ACEC and Surrounding BLM Designations

7/21/2016

BLM California State Office



Avawatz Mountains Wilderness Study Area

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Located 15 miles northwest of Baker, California in San Bernardino County. The west and south boundary of the WSA is shared with Fort Irwin Military Reservation, the east boundary is adjacent to State Highway 127, and the north boundary is near Death Valley National Park.

Nationally Significant Values: WSA designations are automatically included in NLCS.

Special Designations/Management Plan/Date: WSA; Public Law 103-433; October 31, 1994

Relevance and Importance Criteria: Nine springs supply water to desert animals and is of particular importance to bighorn sheep. The area is important for supporting wildlife and plant connectivity and habitat. The Avawatz Mountains provide regional habitat connection for bighorn sheep.

Overarching Goals: Provide for landscape connectivity while providing for compatible public uses.

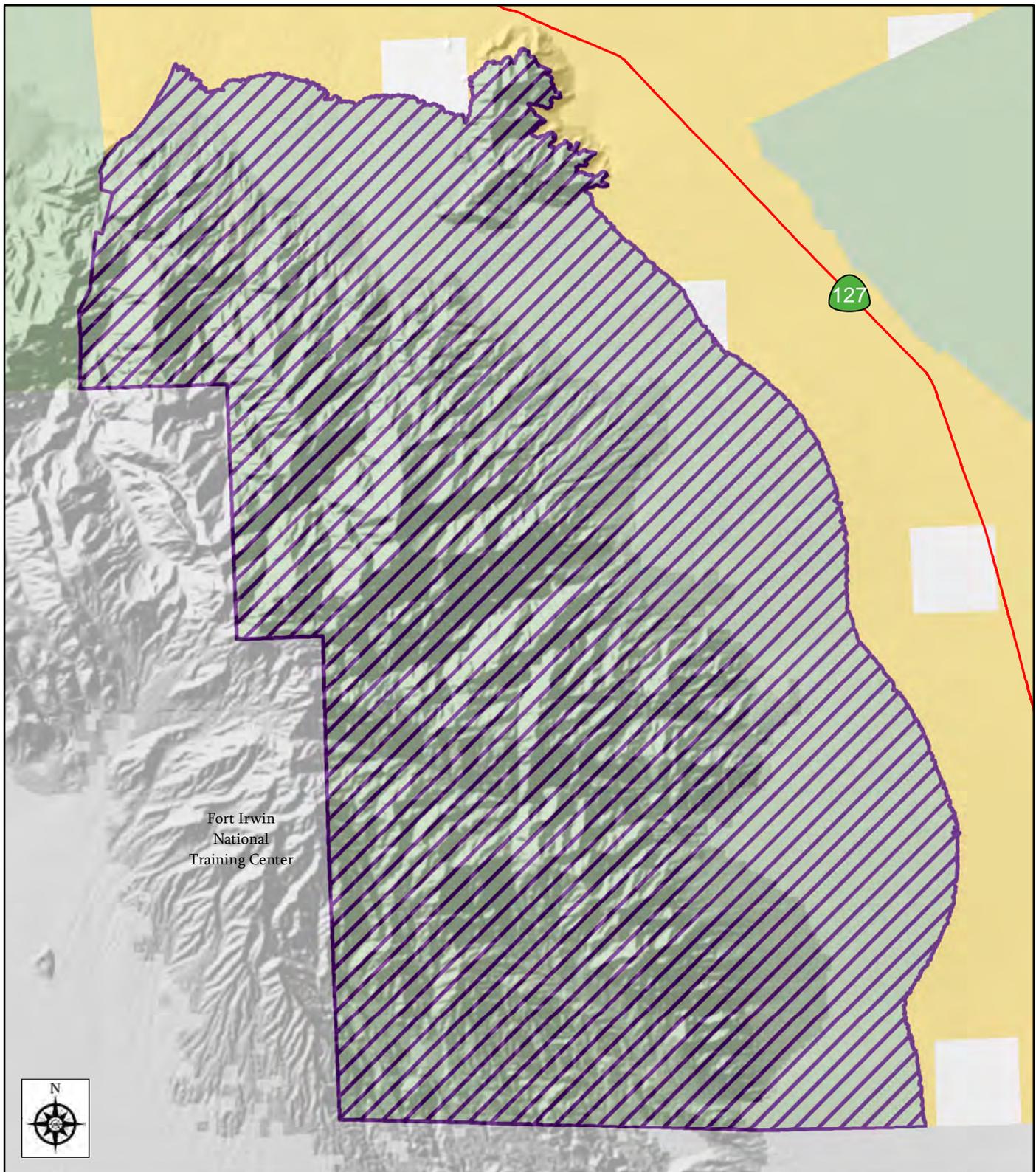
Manage in accordance with the CMAs contained in the LUPA. Appropriate multiple uses will be allowed provided they are consistent with the CMAs in the LUPA and compatible with the purposes for which the ACEC was designated.

Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
0	49,820	0	0.25%

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

Objectives (desired future condition)/Allowable Uses/Management Actions	Resource
There are no additional resource specific management actions.	N/A



ACEC Boundaries

-  0.25% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
-  LLPA

Land Status

-  Bureau of Land Management
-  Department of Defense

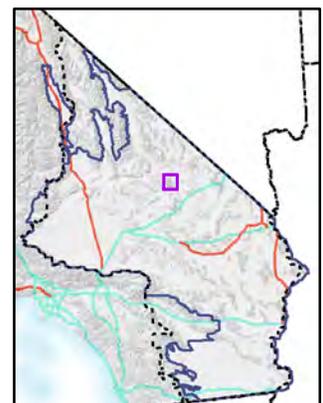
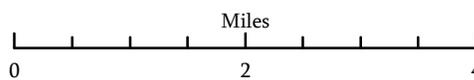
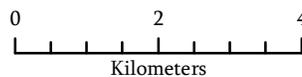
Avawatz Mountains WSA ACEC

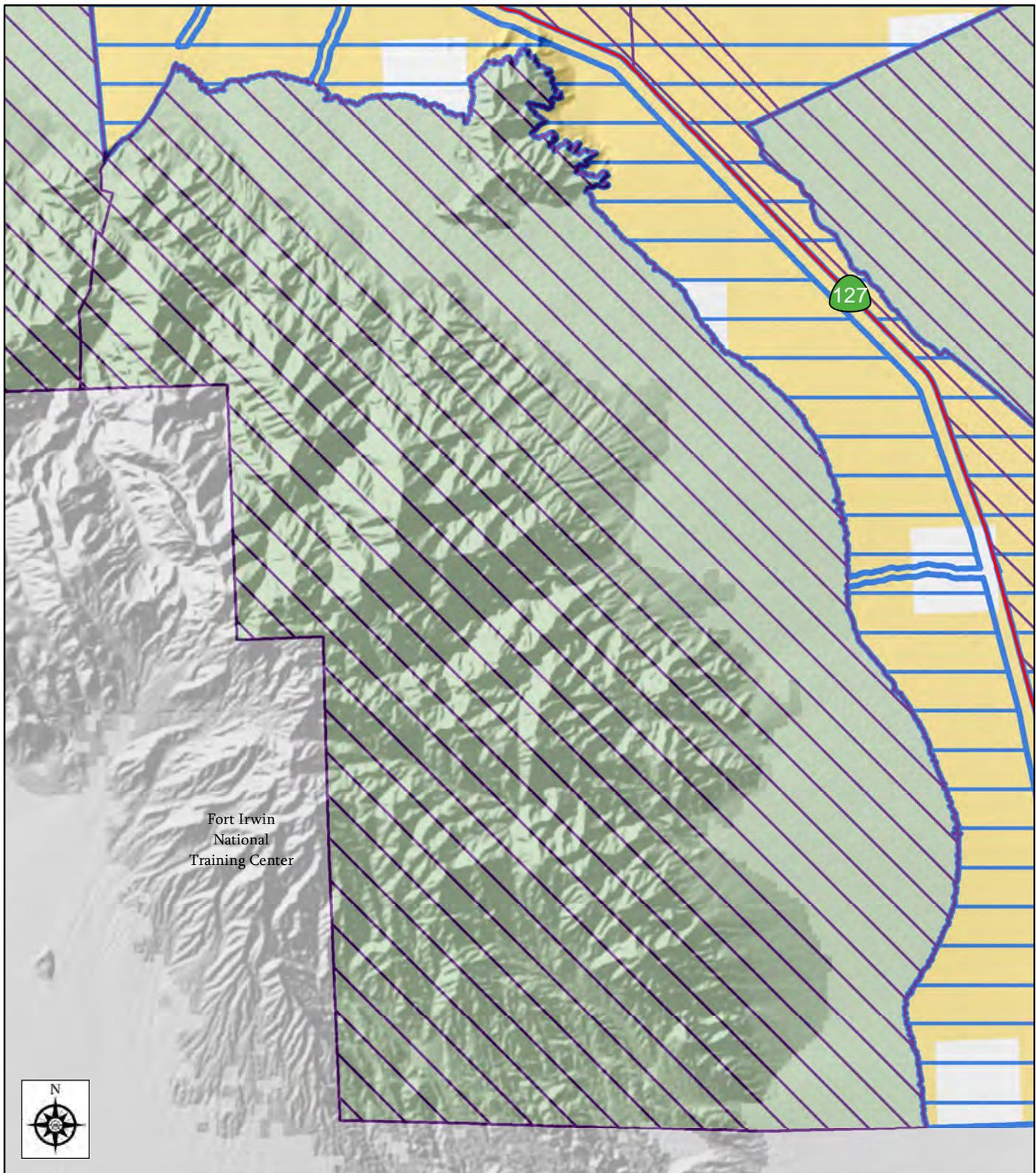


7/21/2016



BLM California State Office





-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA

Land Status

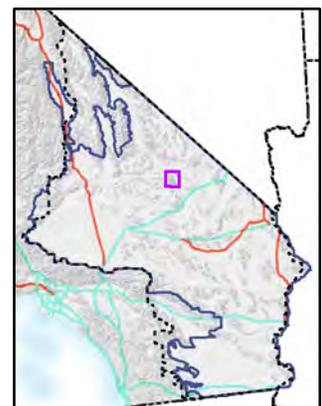
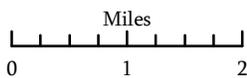
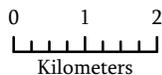
-  Bureau of Land Management
-  Department of Defense

Avawatz Mountains WSA ACEC and Surrounding BLM Designations

7/22/2016



BLM California State Office



Bedrock Springs

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Located nine miles northeast of Red Mountain and fifteen miles southeast of Ridgecrest, California in northwestern San Bernardino County. Bedrock Springs spans a major wash dividing the Summit Range from the Lava Mountains.

Nationally Significant Values:

Cultural: As the only known spring on the north side of the Lava Mountains, Bedrock Spring and the associated natural resources represented a major focus for prehistoric occupation in this area. The prehistoric sites represent the base of operations for exploitation of the larger surrounding territory where water resources were limited. The richness and depth of deposit in the middens and rock shelters within the Bedrock Springs complex suggest a long-term occupation. Well stratified deposits of cultural materials are found here, an infrequent occurrence in the California Deserts. The Bedrock Springs sites are considered eligible for listing on the National Register, were nominated in 1982, but were not listed based on a need to further refine the boundary of the district.

Scientific: Cultural resource excavations completed at sites within Bedrock Springs have yielded intact cultural deposits in excess of 100 centimeters below ground surface. The data from these deposits can be used to answer questions about paleoclimates and paleoenvironments and a broad range of questions about human behavior in the past.

Special Designations/Management Plan/Date:

Designated ACEC, CDCA Plan 1980, Bedrock Springs Management Plan 09/30/ 1987 (CA-060-ACEC-24), Nominated as an Archaeological District to the National Register of Historic Places, 1982. ACEC Amendment, West Mojave Plan 01/2005 (D.1.3)

Relevance and Importance Criteria: This ACEC was designated due to the presence of prehistoric cultural resources including middens, petroglyphs, pictographs, rock shelters, and milling features. Bedrock Spring is the only known spring on the north side of Lava Mountains and represented a major focus for prehistoric occupation in this area. This area is also included in the Mohave Ground Squirrel Conservation Area.

Recreation Area: This unit overlaps with Red Mountain SRMA.

Grazing Allotment: This unit overlaps with Cantil Common and Spangler Hills Allotments.

Overarching Goals: To conserve archaeological resources within the mid-elevation basin spanning the wash mentioned above.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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.

A portion of this area is included in the California Desert 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 the LUPA. 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:

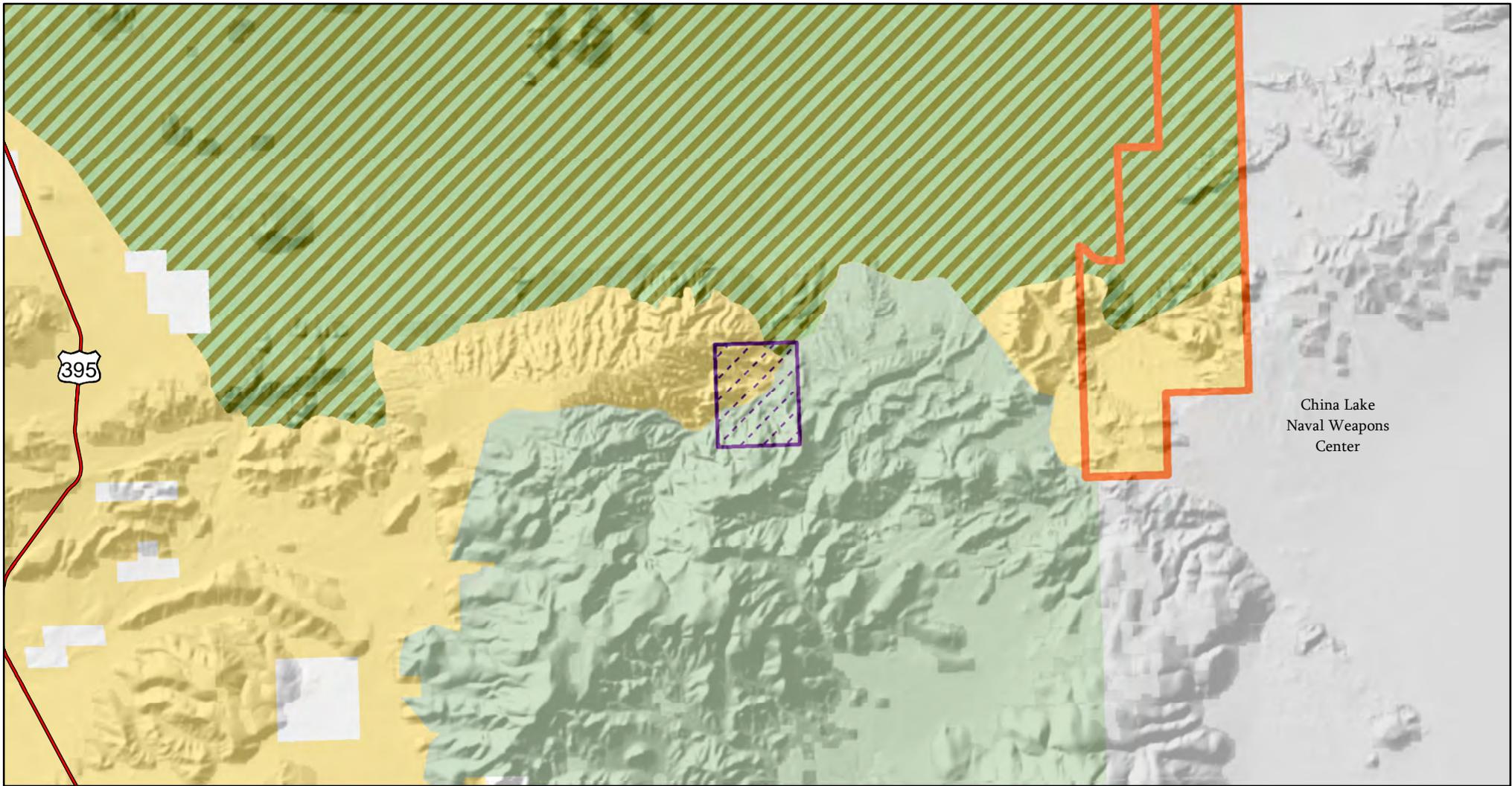
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
320	790	0	1%

* Acreage values are for BLM managed lands

Objectives (desired future condition)/Allowable Uses/Management Actions	Resource
<p>Objective: Soils exhibit functional biological and physical characteristics that are appropriate to soil type, climate, and land form.</p> <p>Allowable Uses: Restrict construction activities when soils are susceptible to heightened risk of erosion.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Ensure soils meet or exceed the Soil Standard of Rangeland Health, as indicated by ground or plant cover, diversity of plant species, minimal evidence of accelerated wind and water erosion and the presence of biological soil crusts where appropriate. 	Soil, water, air
<p>Objective: Maintain or Improve condition of vegetation</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Remove invasive plants • Rehabilitate/revegetated disturbed areas • Ensure food species for the Mohave ground squirrel are maintained (spiny hopsage and Atriplex sp.) 	Vegetation (incl. special status species)
<p>Objective: Protect and enhance habitat to maintain stable or increasing population trends of special status species to ensure persistence:</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Designate species below as priority species for management and protection. <p>Le Conte’s Thrasher (<i>Toxostoma lecontei</i>) State Species of Special Concern Loggerhead Shrike (<i>Lanius ludovicianus</i>) BLM Sensitive American Badger (<i>Taxidea taxus</i>) State Special Animal Desert Tortoise (<i>Gopherus agassizii</i>) Federally and State threatened Mohave ground squirrel (<i>Spermophilus mohavensis</i>) State threatened Townsend’s big-eared bat (<i>Corynorhinus townsendii</i>) BLM sensitive Pallid bat (<i>Antrozous pallidus</i>) BLM sensitive Spotted bat (<i>Euderma maculatum</i>) BLM sensitive Western Mastiff bat (<i>Eumops perotis californicus</i>) BLM sensitive Golden Eagle (<i>Aquila chrysaetos</i>) BLM sensitive, Bald and Golden Eagle P. Act Prairie Falcon (<i>Falco mexicanus</i>) USFWS Bird of Conservation Concern</p>	Fish and Wildlife (incl. special status species)

<p>Burrowing Owl (<i>Athene cunicularia</i>) BLM Sensitive Long-eared owl (<i>Asio otus</i>) State Species of Special Concern</p>	
<p>Objective: Conserve archaeological resources, decrease vandalism, and minimize and mitigate impacts from Off Highway Vehicle Use</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Continue scientific research by qualified and permitted archaeological professionals. Conduct salvage excavation at damaged resources <p>Objective: Evaluate and Nominate Cultural Resources</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Revise and resubmit nominations to the National Register of Historic Places for Bedrock Springs Archaeological District, using recommendations from 1982 and incorporating data from 2001-2002 excavations at the site. <p>See programmatic ACEC cultural resources objective and action items in general cultural resources rules.</p>	<p>Cultural Resources</p>
<p>Objective: Manage travel to reduce impacts to sensitive cultural resources.</p> <p>Allowable Uses: Motorized, non-motorized, non-mechanized, etc.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Designated routes will be signed and managed in accordance to the local Travel Management Plan, as funding allows. Un-authorized routes will be rehabilitated/restored as funding allows. • Identify access routes which minimize impact to resources. • Limit vehicles to open designated routes by signing, fencing, and barriers as funding allows. 	<p>Trails and Travel Management</p>
<p>Objective: Provide recreation opportunities that are compatible with cultural resource preservation by providing dispersed opportunities for enjoyment of the ACEC attributes. Manage camping to minimize impacts to cultural resources</p> <p>Allowable Uses: camping and dispersed recreation</p> <p>Note: Refer to the Red Mountain Special Recreation Management Area (SRMA) write-up for detailed objectives, allocations, and management direction.</p>	<p>Recreation</p>

<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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: Support the national need for reliable and sustainable domestic minerals while protecting the sensitive resources in the area.</p> <p>Allowable Uses: A few lode claims exist however no production has occurred.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • New proposals will need to be analyzed at on a case-by-case basis and cumulatively, to assess whether they can be accommodated within the ACEC and its management goals 	<p>Locatable Minerals Mineral Materials Non-energy Leasables</p>
<p>Objective: Provide for livestock grazing opportunities in a manner that limits impacts on other resources</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>Livestock grazing</p>

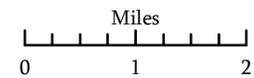
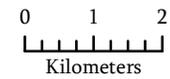


-  NDAA China Lake Expansion
-  DRECP Boundary
-  CDCA Boundary
-  1% Disturbance Cap
-  LLPA
-  Open OHV Areas
- Land Status**
-  Bureau of Land Management
-  Department of Defense

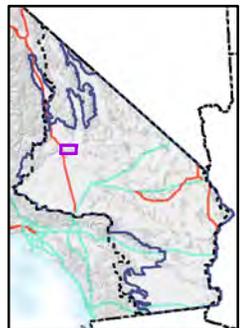
Bedrock Spring ACEC

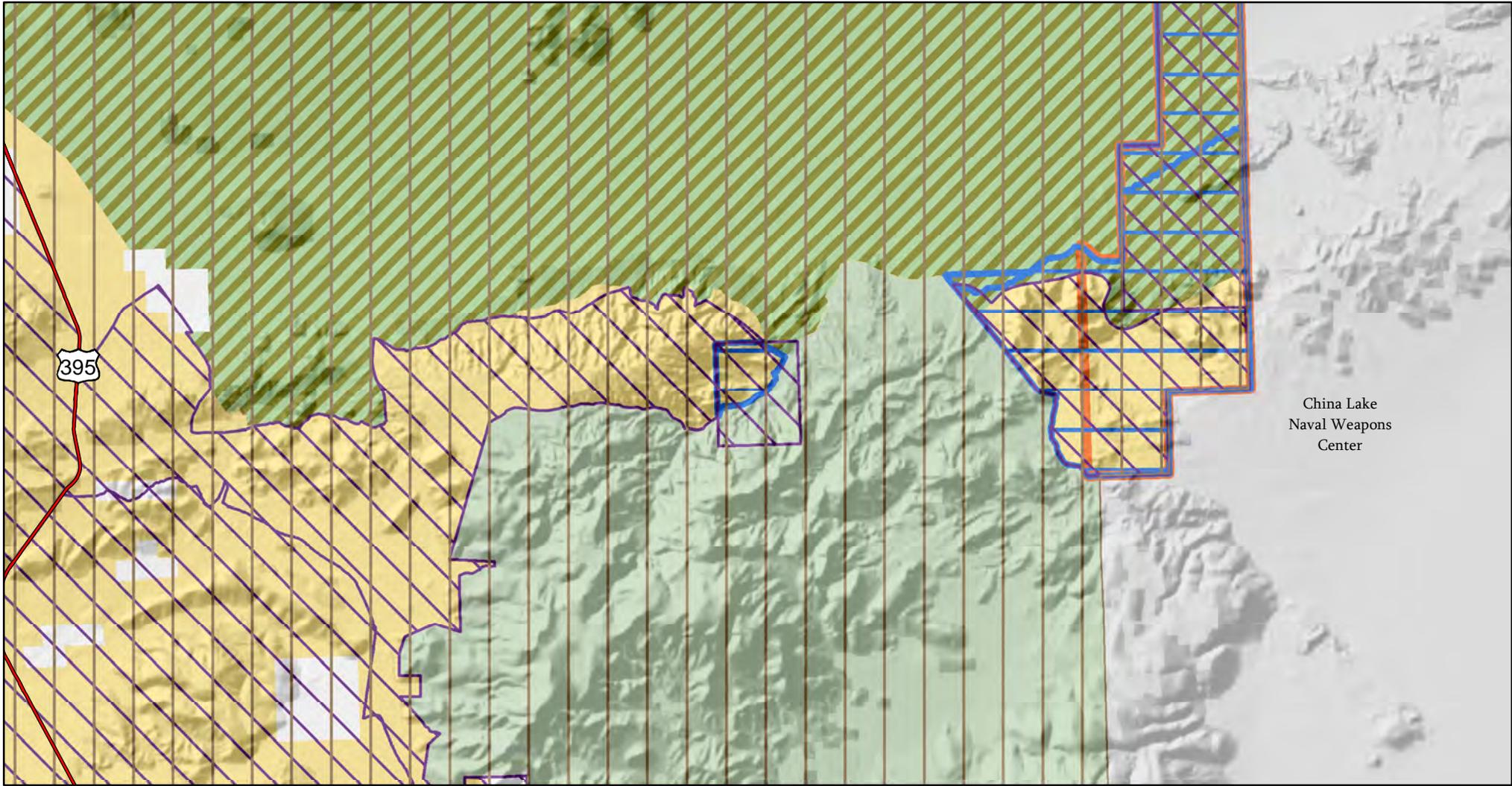
7/20/2016

BLM California State Office



China Lake
Naval Weapons
Center



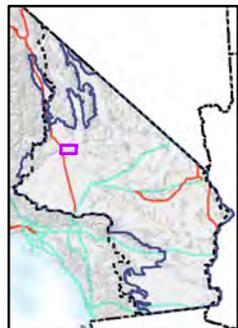
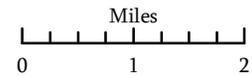
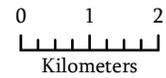


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|--------------------|---------------------------|--|-----------------------|
| | SRMA Boundaries | | DRECP Boundary |
| | ACEC Boundaries | | CDCA Boundary |
| | CDNCL Boundaries | | LLPA |
| | NDAA China Lake Expansion | | Open OHV Areas |
| Land Status | | | |
| | Bureau of Land Management | | Department of Defense |

Bedrock Spring ACEC and Surrounding BLM Designations

7/21/2016

BLM California State Office



Black Mountain

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley and West Desert and Eastern Slopes

Description/Location: Located northwest of Barstow. Entire ACEC lies within the Superior-Cronese ACEC. A portion of the ACEC is within the Black Mountain Wilderness.

Nationally Significant Values:

Cultural: Black Mountain and Inscription Canyon were listed on the National Register of Historic Places in 2000 as a Rock Art District. The petroglyphs are significant to the religious and spiritual concerns of Native Americans. Extraordinary cultural resources including extensive assemblages of petroglyphs, lithic workshops, locations suitable for surface occupation sites and game hunting, and a major transportation corridor used by prehistoric people.

Special Designations/Management Plan/Date: ACEC Plan No. 35, 1989

Relevance and Importance Criteria: Relevant prehistoric and Native American values include extraordinary cultural resources including extensive assemblages of petroglyphs, lithic workshops, locations suitable for surface occupation sites and game hunting, and a major transportation corridor used by prehistoric people. This ACEC also contains critical habitat for the desert tortoise and known occupied habitat for the Mojave ground squirrel, LeConte’s thrasher, desert cymopterus and Barstow woolly sunflower.

Recreation Area: This unit overlaps with Superior / Rainbow SRMA.

Grazing Allotment: This unit overlaps with Harper Lake Allotment.

Overarching Goals: Protect significant cultural and natural resources found within the ACEC while providing for other uses compatible with the protection and enhancement of these resources.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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.

Portions of this area are included in the California Desert 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 the LUPA. 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.

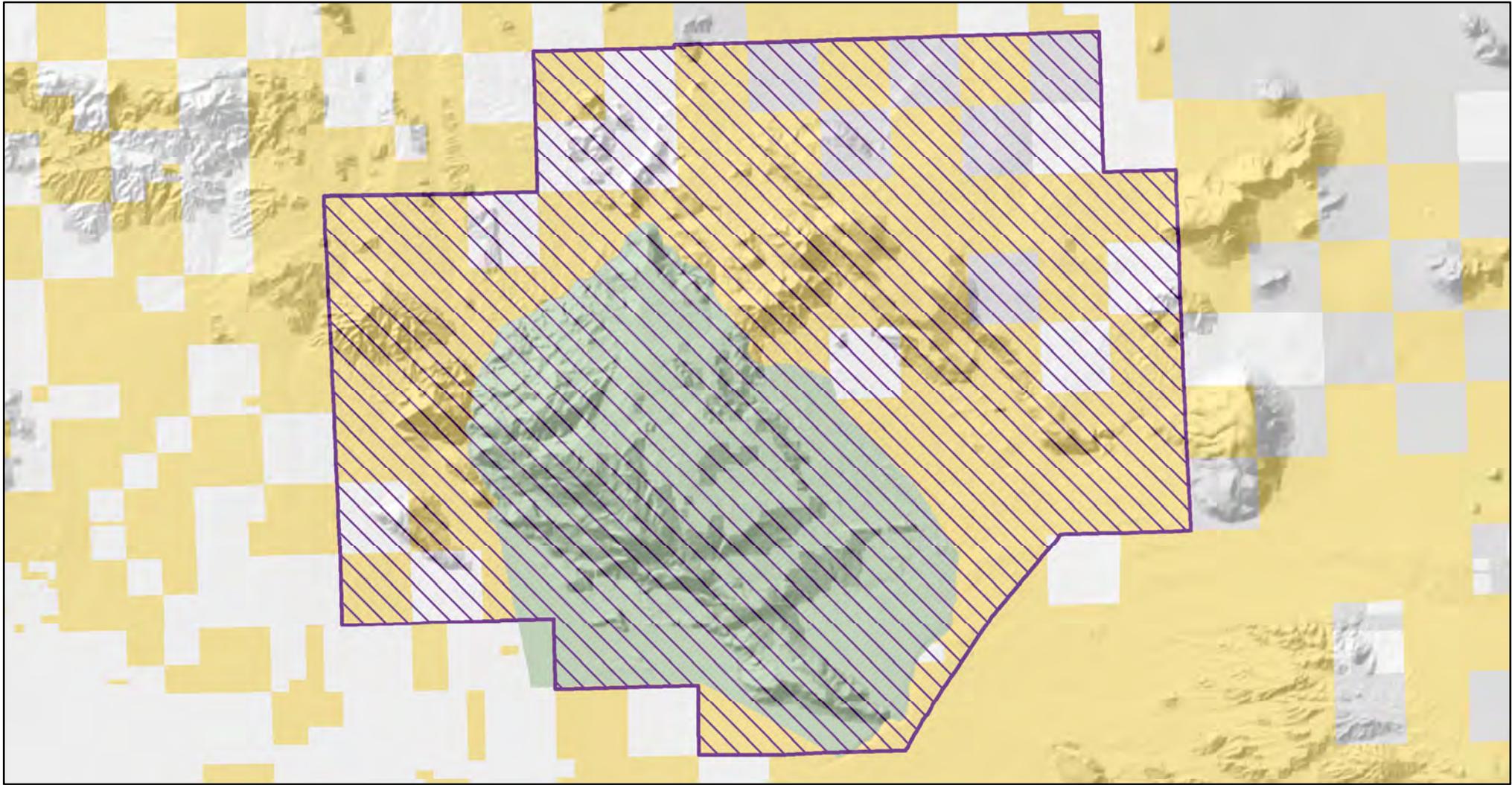
Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
28,100	51,260	0	0.5%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Manage for the protection of sensitive plant species</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Survey for BLM sensitive species • Identify current occupied and potential habitat • Identify and implement actions to conserve and improve habitat conditions <p>Sensitive Plant Species include: Desert cymopterus Barstow woolly sunflower creamy blazing star (<i>Mentzelia tridentata</i>)</p>	Vegetation – Including special status species
<p>Objective: Manage for the protection of sensitive wildlife species</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Survey for BLM sensitive species • Identify current occupied and potential habitat • Identify and implement actions to conserve and improve habitat conditions <p>Species of concern include: Desert tortoise Mojave ground squirrel LeConte’s thrasher golden eagle prairie falcon Loggerhead Shrike</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 open routs of travel</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Monitor and enforce closure of selected routes of travel • Install signs and use barriers to direct vehicle traffic away from sensitive cultural resources 	Trails and Travel Management
<p>Objective: Provide for dispersed opportunities while protecting relevant resources</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Do not establish new routes near sensitive cultural resources 	Recreation

<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edge holdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • 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. • Do not issue land use authorizations which would impact cultural resources 	<p>Rights of Way (ROW)</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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>Note: The Harper Lake Allotment was permanently retired through the DRECP process.</p>	<p>Livestock grazing</p>



ACEC Boundaries

 0.5% Disturbance Cap

 DRECP Boundary

 CDCA Boundary

 LLPA

Land Status

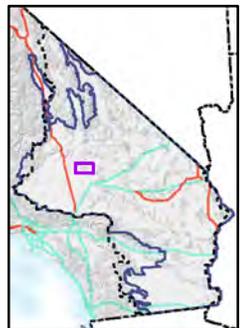
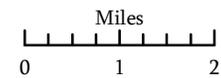
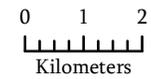
 Bureau of Land Management

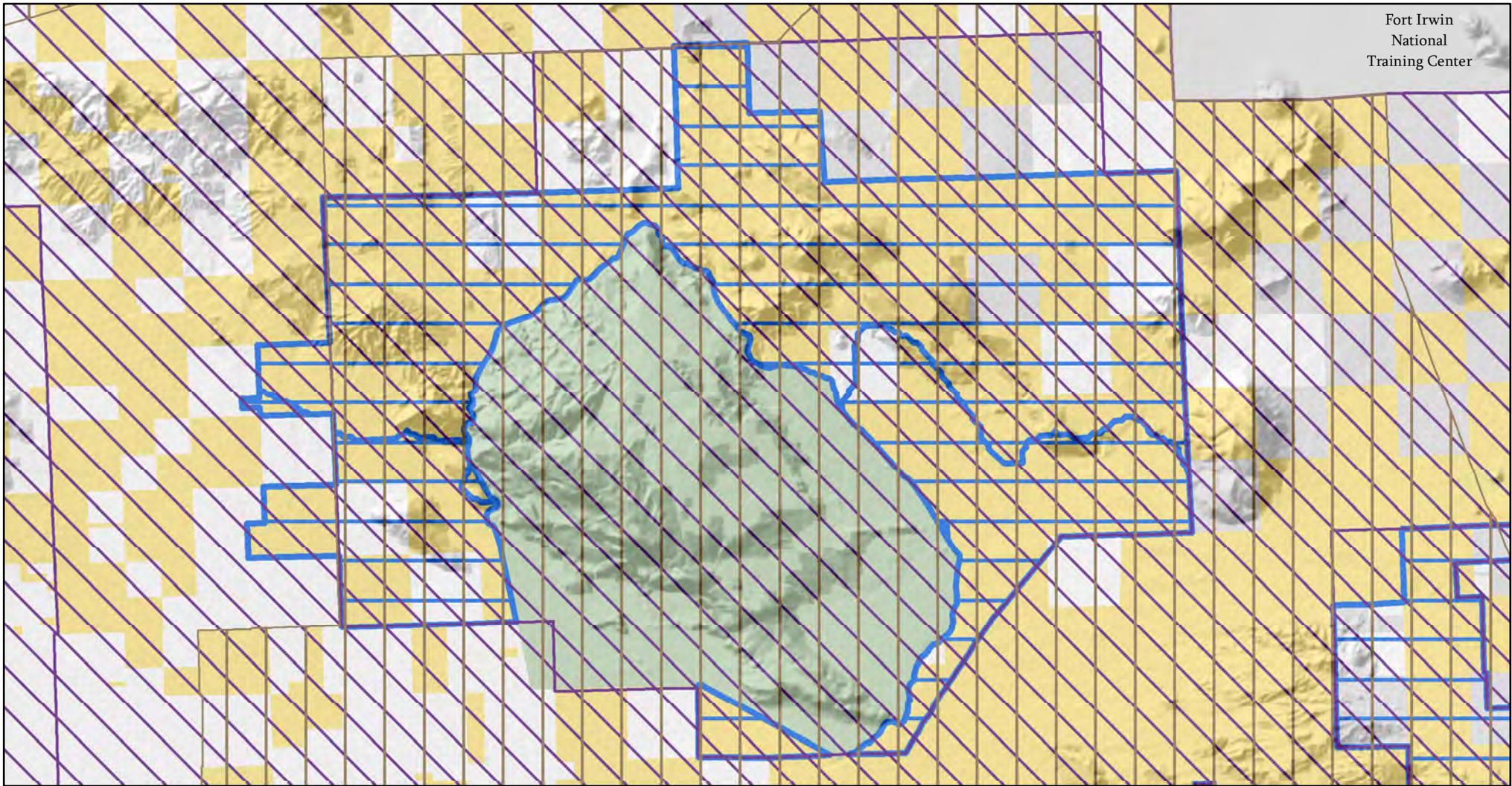
 Department of Defense

Black Mountain ACEC

7/20/2016

BLM California State Office





Fort Irwin
National
Training Center

-  SRMA Boundaries
-  DRECP Boundary
-  ACEC Boundaries
-  CDCA Boundary
-  CDNCL Boundaries
-  LLPA

Land Status

-  Bureau of Land Management
-  Department of Defense

Black Mountain ACEC and Surrounding BLM Designations

7/21/2016

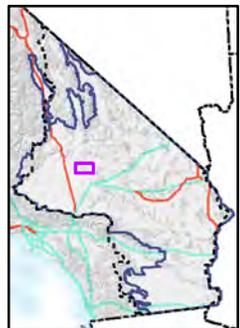
BLM California State Office



0 0.5 1
Kilometers



0 0.5 1
Miles



Calico Early Man Site

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Located 15 miles east-northeast of Barstow, California. The site is easily accessible off Interstate Hwy. 15.

Nationally Significant Values:

Cultural: This site is internationally recognized for its values to scientific research into the question of Early Man in the Western Hemisphere.

Scientific: This site is internationally recognized for its values to scientific research into the question of Early Man in the Western Hemisphere.

Special Designations/Management Plan/Date: ACEC Plan No. 40, 1984

Relevance and Importance Criteria: Relevant cultural resource values. Internationally recognized for its values to scientific research into the question of Early Man in the Western Hemisphere. Classified as a quarry, lithic workshop and possible campsite, the Site has yielded 11,400 diagnostic stone tools and flake artifacts. Listed on the National Register of Historic Places. Specifically, this ACEC serves as a research and educational site, which includes ground disturbance associated with the purpose of the ACEC.

Overarching Goals: To manage the cultural resource values associated with the Calico Site for the purpose of scientific research into questions dealing with human occupation and settlement of the Western Hemisphere. To provide and maintain appropriate recreational opportunities for the general public at the Calico Site that serve to increase understanding and appreciation of human prehistory and archaeological techniques.

Where the CMAs in this Special Management Plan conflict with the CMAs included the LUPA, 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.

This area is included in the California Desert 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 the LUPA. 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.

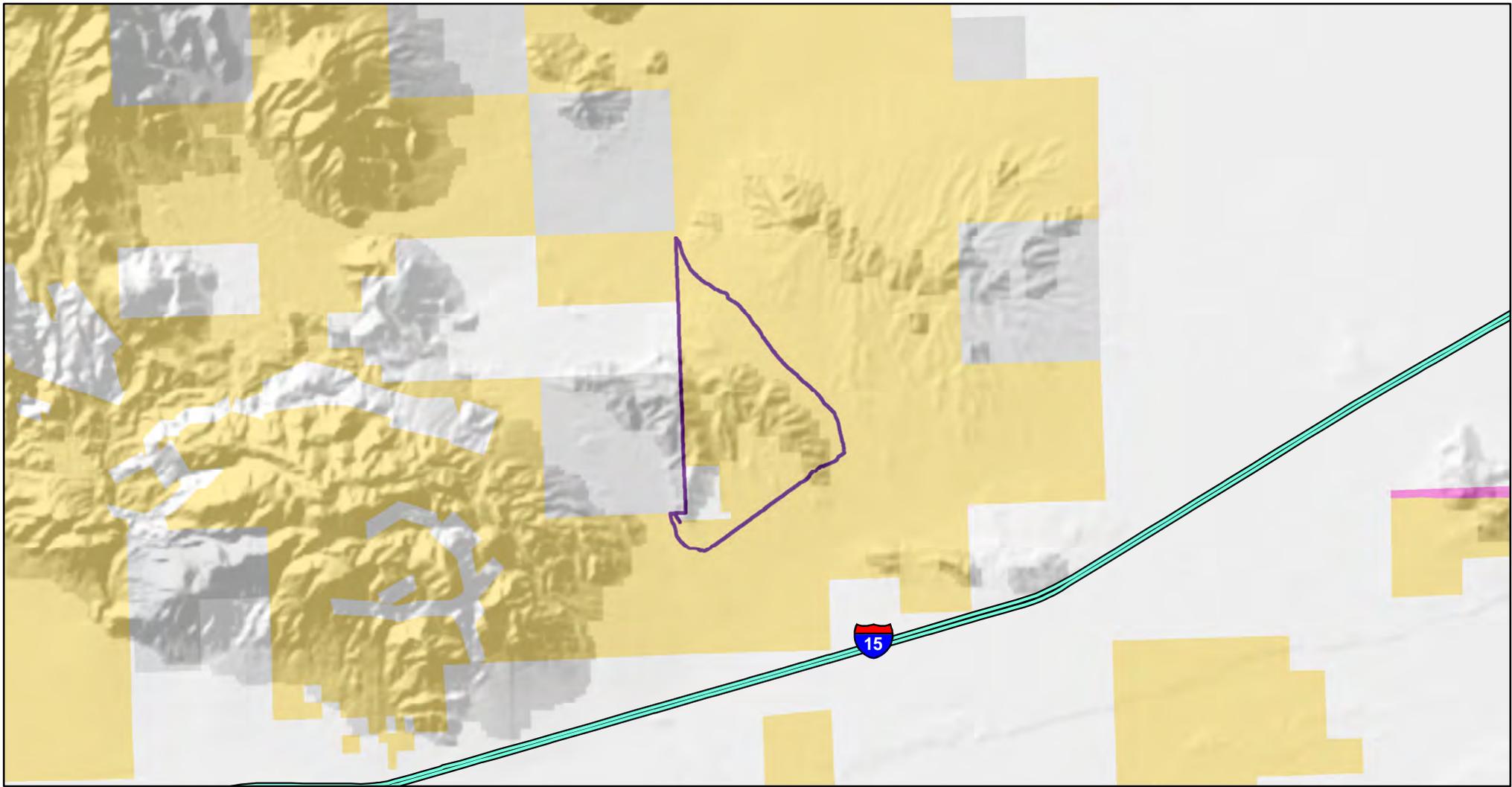
Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
830	830	0	NA

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Educate the public about cultural resources present</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Maintain or expand existing research and education programs that include excavation, lectures, guided tours, and an outreach program • Develop new visitor center, parking lot and toilet facilities <p>Objective: Protect cultural resources</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Increase patrols for protection, compliance and enforcement • Develop telephone communications and improved electrical service capabilities 	Cultural Resources
<p>Objective: Provide for the General Management and Protection of Paleontological Resources</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Manage and protect fossil resources consistent with the Paleontological Resources Preservation Act • Develop plans for the inventory, monitoring, and scientific and educational use of paleontological resources as needed 	Paleontology
<p>Objective: Provide safe water supplies for hosts and visitors</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Develop well, water storage, and water delivery system to supply drinking water to major facilities at the Calico Site. <p>Objective: Protect cultural resources from human activities</p> <p>Allowable Uses: Prohibit firearms use, rockhounding, unauthorized camping and unauthorized OHV use within the ACEC</p>	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	Land Tenure

<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> 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
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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 cultural resources from mineral extraction impacts</p> <p>Allowable Uses:</p> <ul style="list-style-type: none"> Prohibit mineral leasing with surface occupancy within the ACEC 	Locatable Minerals Mineral Materials Non-energy Leasables



ACEC Boundaries

No Disturbance Cap

Renewable Footprint

DFA

DRECP Boundary

CDCA Boundary

Land Status

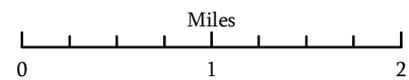
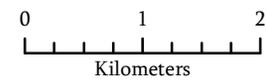
Bureau of Land Management

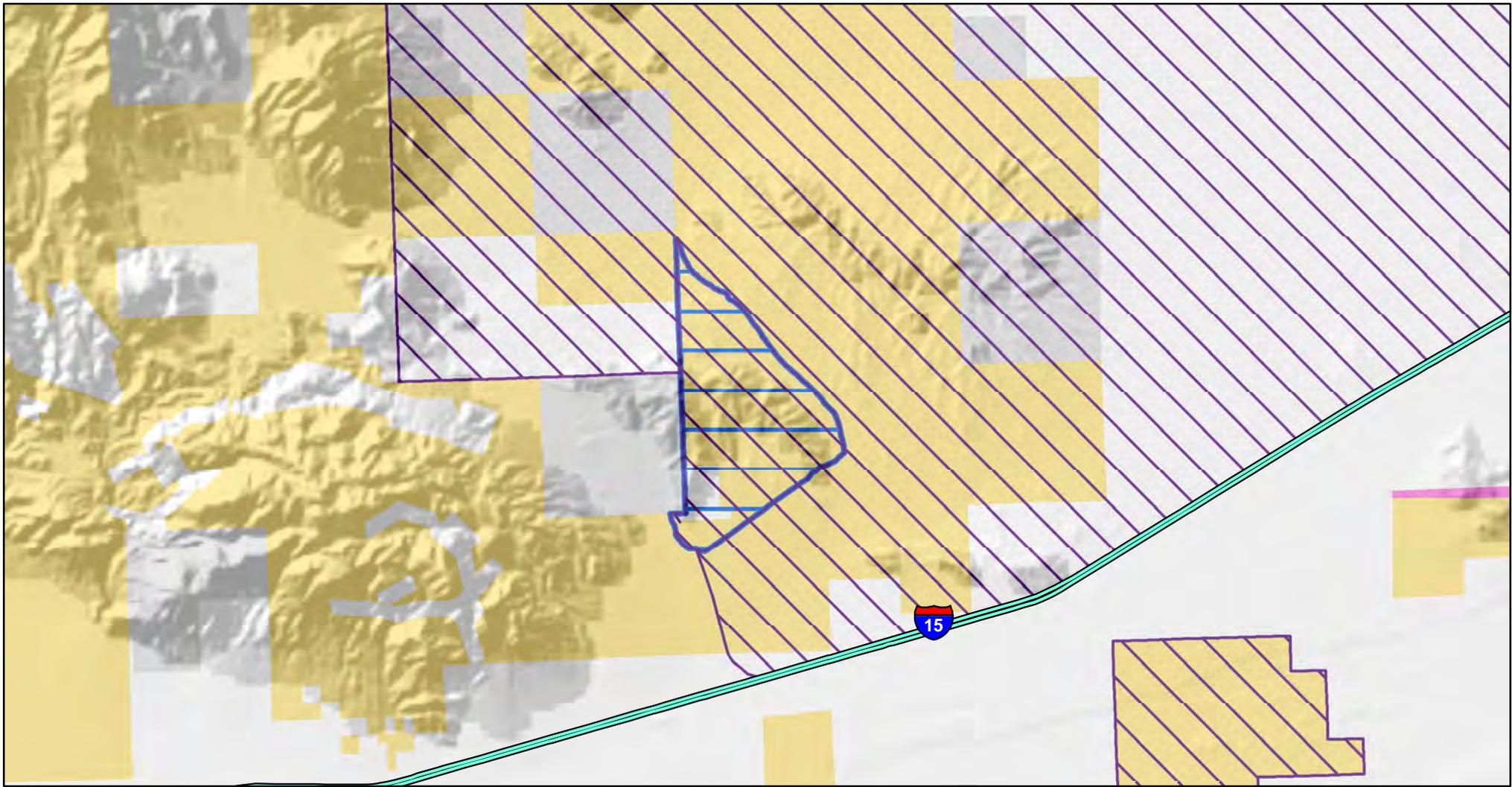
Department of Defense

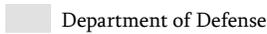
Calico Early Man Site ACEC

7/20/2016

BLM California State Office



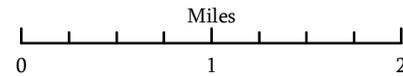
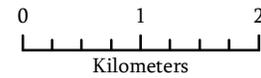


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|---|---|
|  ACEC Boundaries |  DRECP Boundary |
|  CDNCL Boundaries |  CDCA Boundary |
| Renewable Footprint Land Status | |
|  DFA |  Bureau of Land Management |
| |  Department of Defense |

Calico Early Man Site ACEC and Surrounding BLM Designations

7/21/2016

BLM California State Office



Christmas Canyon

California Desert National Conservation Lands Ecoregion: Basin and Range and Mojave and Silurian Valley

Description/Location: Located at the southern end of Searles Valley in the northwestern corner of San Bernardino County. The ACEC is named for the canyon which forms part of its eastern boundary.

Nationally Significant Values:

Cultural: Researchers and avocational collectors are using the data from the sites within Christmas Canyon to identify early Holocene occupation of the Searles Dry Lake shore, a research topic currently being explored throughout the Great Basin and Mojave Desert. The results of such research may be applicable to similar environments where current land use patterns conflict with archaeological preservation. The Navy continues to do scientific research in the areas adjoining the current ACEC boundary. The scientific and cultural resource potential remains high. Resources within this locality have been identified as eligible for listing on the National Register of Historic Places. Continued research may identify a definitive National Register District Boundary.

Special Designations/Management Plan/Date: Designated ACEC, CDCA Plan, 1980, Christmas Canyon ACEC Management Plan, 11/14/1988 (CA-060-ACEC-23)

Relevance and Importance Criteria: This area was designated to protect archaeological resources associated with prehistoric reduction of lithic resources, a large chert quarry, and the collection and processing of local edible plants. Eighteen cultural properties were identified when the area was originally designated an ACEC in the CDCA Plan; approximately 72 have been identified since then, with ongoing research and survey work anticipated in this area by the Navy. Researchers and avocational collectors have attempted to identify early Holocene occupation of the Searles Dry Lake shore with sites within Christmas Canyon. A portion of the southern edge of the ACEC is included in the Mojave Ground Squirrel Conservation Area.

Recreation Area: This unit overlaps with the Red Mountain SRMA.

Grazing Allotment: This unit overlaps with Spangler Hills Allotment.

Overarching Goals: Protect cultural resources that are present within the Canyon and surrounding area. These deposits are particularly susceptible to damage from surface disturbance.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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.

This area is included in the California Desert 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 the LUPA. 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:

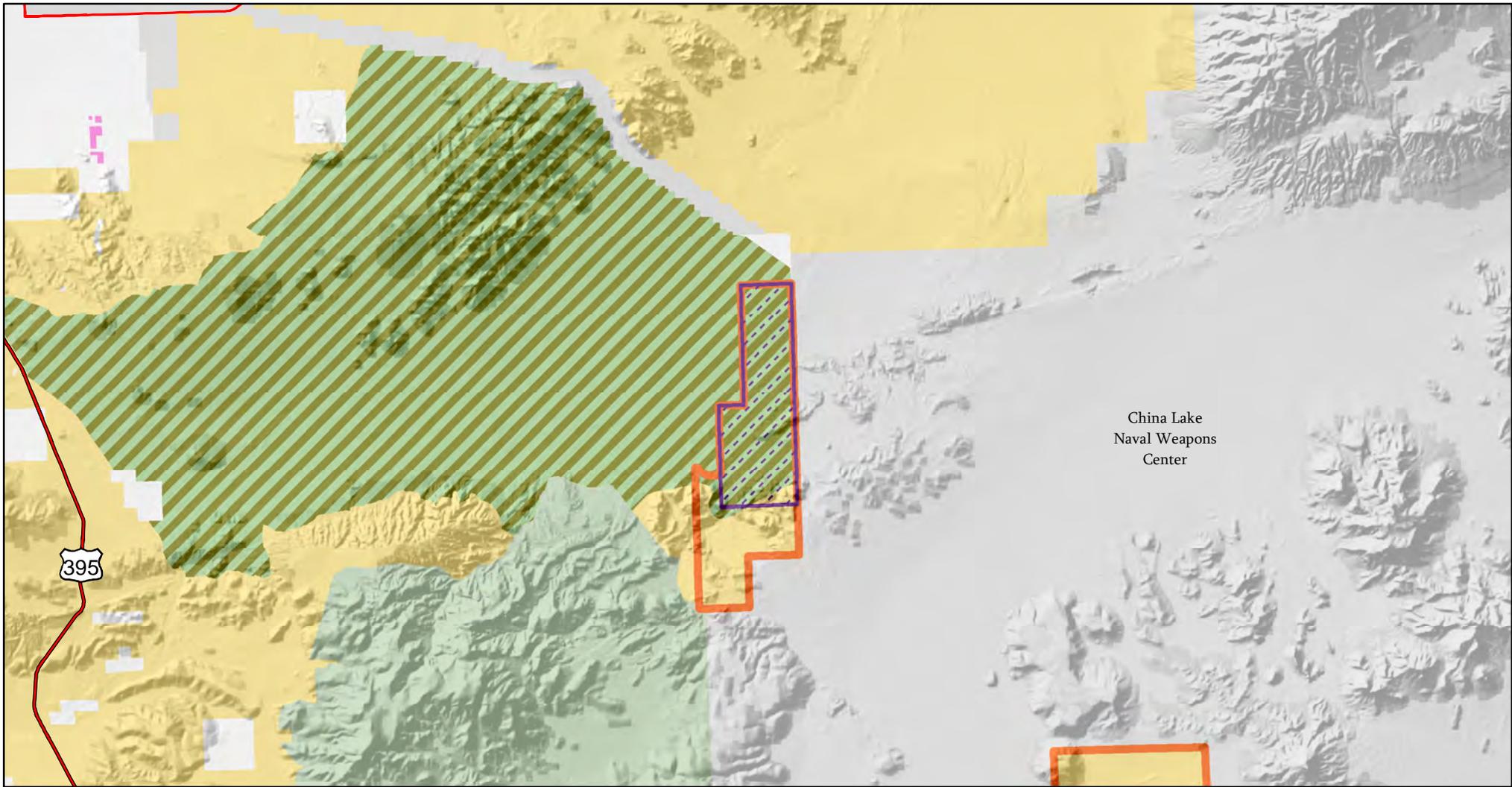
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
3,450	3,450	0	NA

* Acreage values are for BLM managed lands

Objectives (desired future condition)/Allowable Uses/Management Actions	Resource
<p>Objective: Soils exhibit functional biological and physical characteristics that are appropriate to soil type, climate, and land form.</p> <p>Allowable Uses: Restrict construction when soils are susceptible to heightened risk of erosion.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Ensure soils meet or exceed the Soil Standard of Rangeland Health, as indicated by ground or plant cover, diversity of plant species, minimal evidence of accelerated wind and water erosion and the presence of biological soil crusts where appropriate. 	Soil, water, air
<p>Objective: Protect and enhance habitat to maintain stable or increasing population trends of special status species to ensure persistence:</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Designate Species below as priority species for management and protection. <p>Le Conte's Thrasher (<i>Toxostoma lecontei</i>) State Species of Special Concern Loggerhead Shrike (<i>Lanius ludovicianus</i>) BLM Sensitive American Badger (<i>Taxidea taxus</i>) State Special Animal Desert Tortoise (<i>Gopherus agassizii</i>) Federally and State threatened Mohave ground squirrel (<i>Spermophilus mohavensis</i>) State threatened Townsend's big-eared bat (<i>Corynorhinus townsendii</i>) BLM sensitive Pallid bat (<i>Antrozous pallidus</i>) BLM sensitive Spotted bat (<i>Euderma maculatum</i>) BLM sensitive Western Mastiff bat (<i>Eumops perotis californicus</i>) BLM sensitive Golden Eagle (<i>Aquila chrysaetos</i>) BLM sensitive, Bald and Golden Eagle P. Act Prairie Falcon (<i>Falco mexicanus</i>) USFWS Bird of Conservation Concern Burrowing Owl (<i>Athene cunicularia</i>) BLM Sensitive Long-eared owl (<i>Asio otus</i>) State Species of Special Concern</p>	Fish and Wildlife (incl. special status species)

<p>Objective: Conserve archaeological resources, decrease vandalism, and minimize and mitigate impacts from Off Highway Vehicle Use</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Continue scientific research by qualified and permitted archaeological professionals • Conduct salvage excavation at damaged resources • Develop collaborative monitoring and research strategies with NAWS China Lake Cultural Resources staff as appropriate • Maintain objectives and management actions of existing ACEC Management Plan 	<p>Cultural Resources</p>
<p>Objective: Manage travel to avoid sensitive cultural resources.</p> <p>Allowable Uses: Motorized, non-motorized, non-mechanized. Open use by vehicles would continue under the Spangler Hills recreational vehicle Open Area. .</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Install signage identifying the boundaries of the ACEC within the Open Use area. • Management Actions: Through the Travel and Transportation Management Plan, evaluate the designate of routes in the remaining ACEC outside of the Spangler Hills Open Area • Designated routes will be signed and managed in accordance to the local Travel Management Plan, as funding allows. • Identify access routes which minimize impact to resources. 	<p>Trails and Travel Management</p>
<p>Objective: Manage recreation to reduce impacts to sensitive cultural resources.</p> <p>Allowable Uses: All forms casual and permitted recreational uses are allowed including but not limited to hunting, photography, picnicking, climbing, astronomy/star gazing, nature study and viewing. Dispersed and developed camping within the Spangler Hills Open Area, in the remaining ACEC limit and manage camping to minimize impacts to cultural resources.</p> <p>In the Spangler Hills Open Area, all motorized vehicles events have full access of the area. In the remaining of the ACEC limit motorized Non-competitive events to be held on existing routes and prohibit motorized competitive events.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Prohibit camping and limit other recreational activities in sensitive areas near rock art, rock shelters, and middens. 	<p>Recreation</p>

<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> 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>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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: Support the national need for reliable and sustainable domestic minerals while protecting sensitive resources in the area.</p> <p>Allowable Use: Casual Use mining allowed with approved plan of operations.</p> <p>Management Action:</p> <ul style="list-style-type: none"> New proposals will need to be analyzed at on a case-by-case basis and cumulatively, to assess whether they can be accommodated within the ACEC and its management goals <p>Note: Lode and placer mining claims are currently on file.</p>	<p>Minerals (Locatable, Leasable, Mineral Materials)</p>
<p>Objective: Provide for livestock grazing opportunities in a manner that limits impacts on other resources</p> <p>Allowable Uses: Existing allotment (Spangler Hills) 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>Livestock grazing</p>



 NDAA China Lake Expansion

ACEC Boundaries

 1% Disturbance Cap

Renewable Footprint

 DFA

 DRECP Boundary

 CDCA Boundary

 LLPA

 Open OHV Areas

Land Status

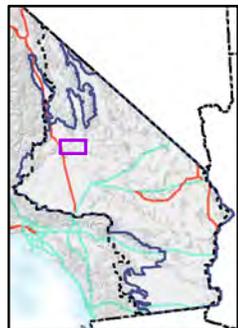
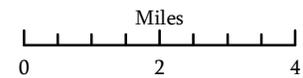
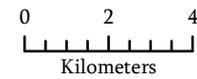
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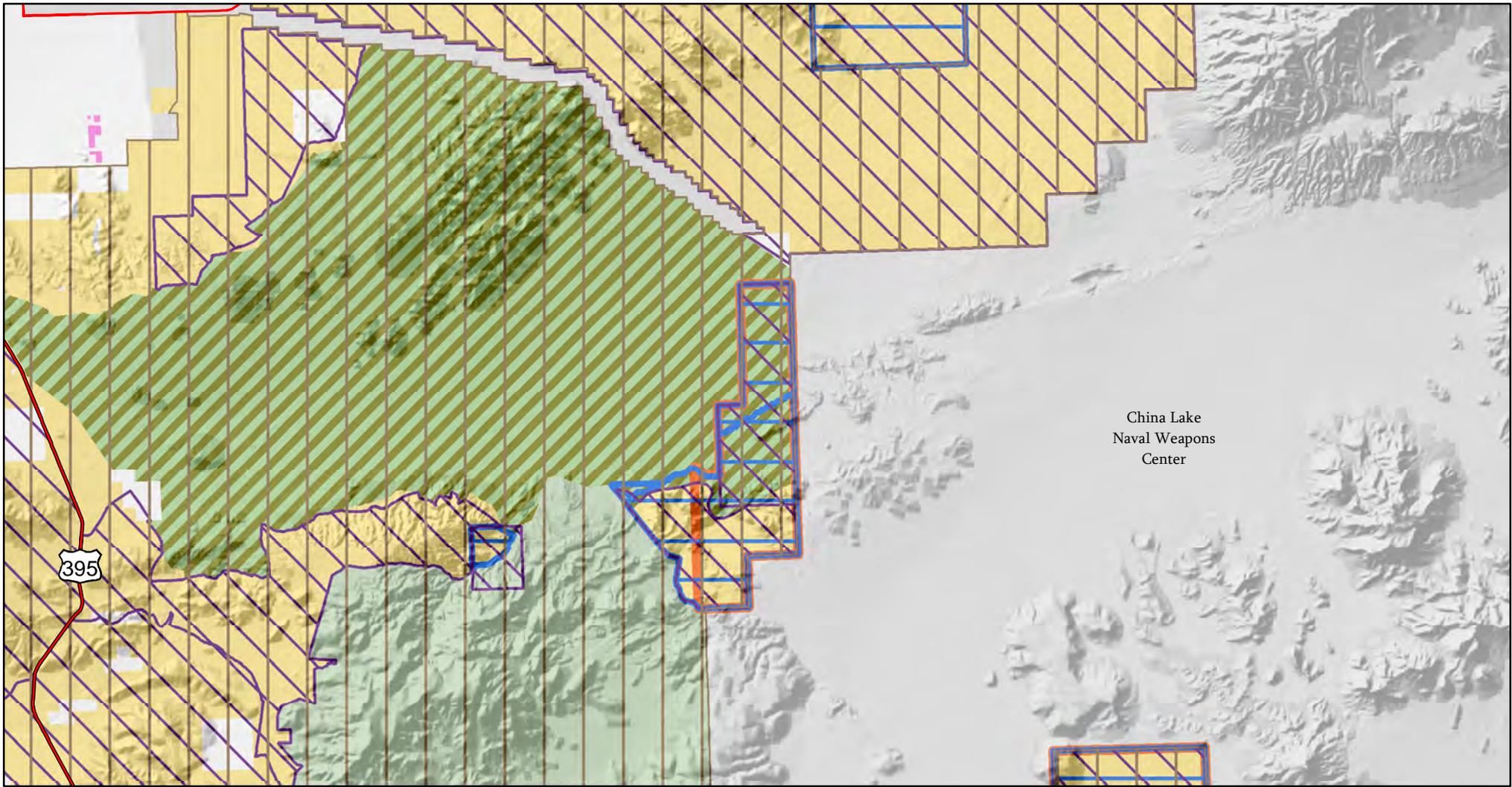
 Department of Defense

Christmas Canyon ACEC

7/20/2016

BLM California State Office





China Lake
Naval Weapons
Center

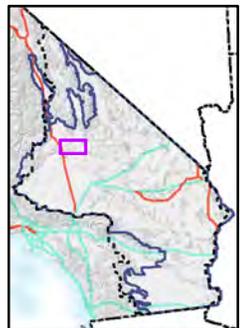
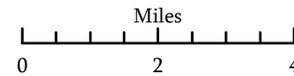
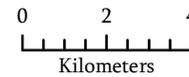
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|  SRMA Boundaries |  DRECP Boundary |
|  ACEC Boundaries |  CDCA Boundary |
|  CDNCL Boundaries |  LLPA |
|  NDA China Lake Expansion |  Open OHV Areas |
| Renewable Footprint | Land Status |
|  DFA |  Bureau of Land Management |
| |  Department of Defense |

Christmas Canyon ACEC and Surrounding BLM Designations

7/21/2016

BLM California State Office



Coolgardie Mesa

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Coolgardie Mesa is completely encompassed by the Superior-Cronese ACEC. It lies approximately 9 miles north of Barstow and is adjacent to Rainbow Basin/Owl Canyon ACEC.

Nationally Significant Values:

Ecological: Established to protect the extremely narrowly endemic Lane Mountain Milkvetch and Barstow Woolly-sunflower.

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

Relevance and Importance Criteria: Established to protect the extremely narrowly endemic Lane Mountain Milkvetch and Barstow Woolly-sunflower. The area also provides important wildlife connectivity.

Recreation Area: This unit overlaps with the Superior/Rainbow 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 with the CMAs included the LUPA, 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.

Most of this area is included in the California Desert 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 the LUPA. 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:

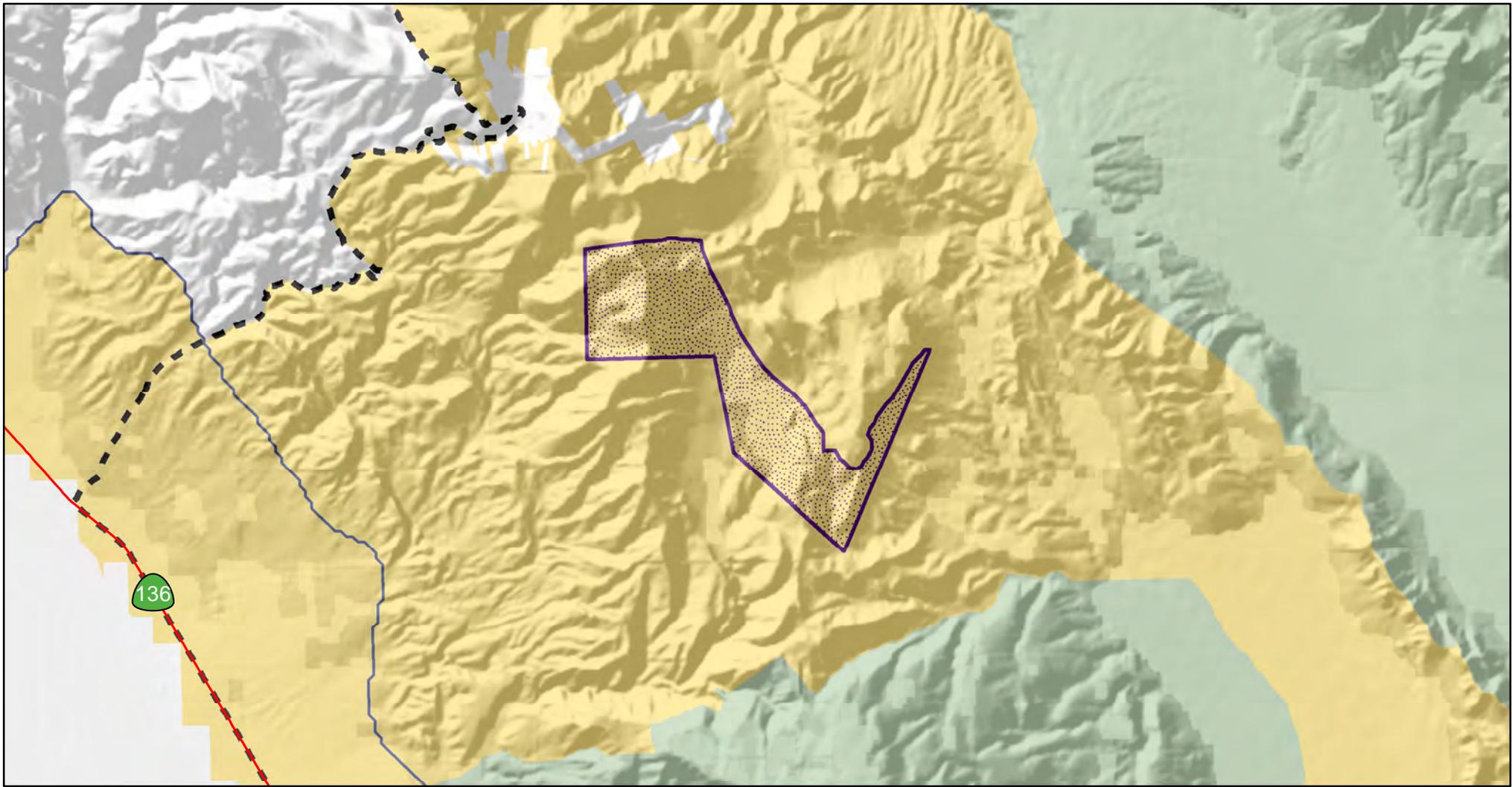
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
8,840	9,840	0	0.5%

*** Acreage values are for BLM managed land**

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect and enhance Lane Mountain milkvetch (<i>Astragalus jaegerianus</i>) habitat and populations</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire occupied habitat on private lands <p>Objective : Protect and enhance Barstow woolly-sunflower (<i>Eriophyllum mohavense</i>) habitat and populations</p>	<p>Vegetation – Including special status species</p>

<p>Management Actions:</p> <ul style="list-style-type: none"> • Protect a contiguous habitat block with conserved populations on public lands throughout the species range • Establish an additional reserve through adaptive management in the western part of the range • Manage the remaining outlying populations by site specific measures. • Establish a survey requirement area north of EAFB and northwest of Kramer Junction to identify reserve boundaries <p>Note: A new conservation area would be established for Lane Mountain milkvetch if a significant population were located outside the existing conservation areas</p>	
<p>Objective: Maintain or improve condition of habitat for sensitive wildlife species</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Protect populations of special status animals <p>Special Status Species include: Desert tortoise Mojave ground squirrel</p>	<p>Fish and Wildlife (incl. special status species)</p>
<p>Objective: Protect sensitive habitat from vehicle impacts</p> <p>Allowable Uses: Vehicles use restricted to existing designated routes.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Fencing of designated routes would be installed as necessary, with signs advising the public that the area is closed to vehicle travel because of sensitive species conservation 	<p>Trails and Travel Management</p>
<p>Objective: provide dispersed opportunities focuses on enjoyment of the ACEC attributes</p> <p>Allowable Uses: Dispersed camping</p>	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. • Annually provide USFWS a report on the progress of acquisitions 	<p>Land Tenure</p>

<p>Objective: Protect resource values of the ACEC</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • 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. • No land use authorizations shall be issued which allow impacts to Lane Mountain milkvetch (projects would have to be relocated). 	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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 habitat from impacts associated with mineral development</p> <p>Allowable Uses: No surface occupancy</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Claimholders should be notified of the presence of endangered plants • Restrictions on casual use that involves ground disturbance within the Conservation Area would be developed as necessary 	Locatable Minerals Mineral Materials Non-energy Leasables

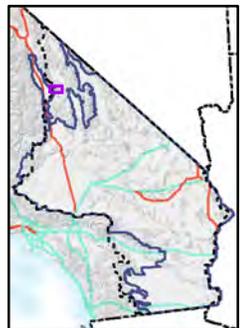
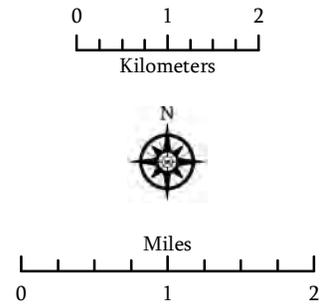


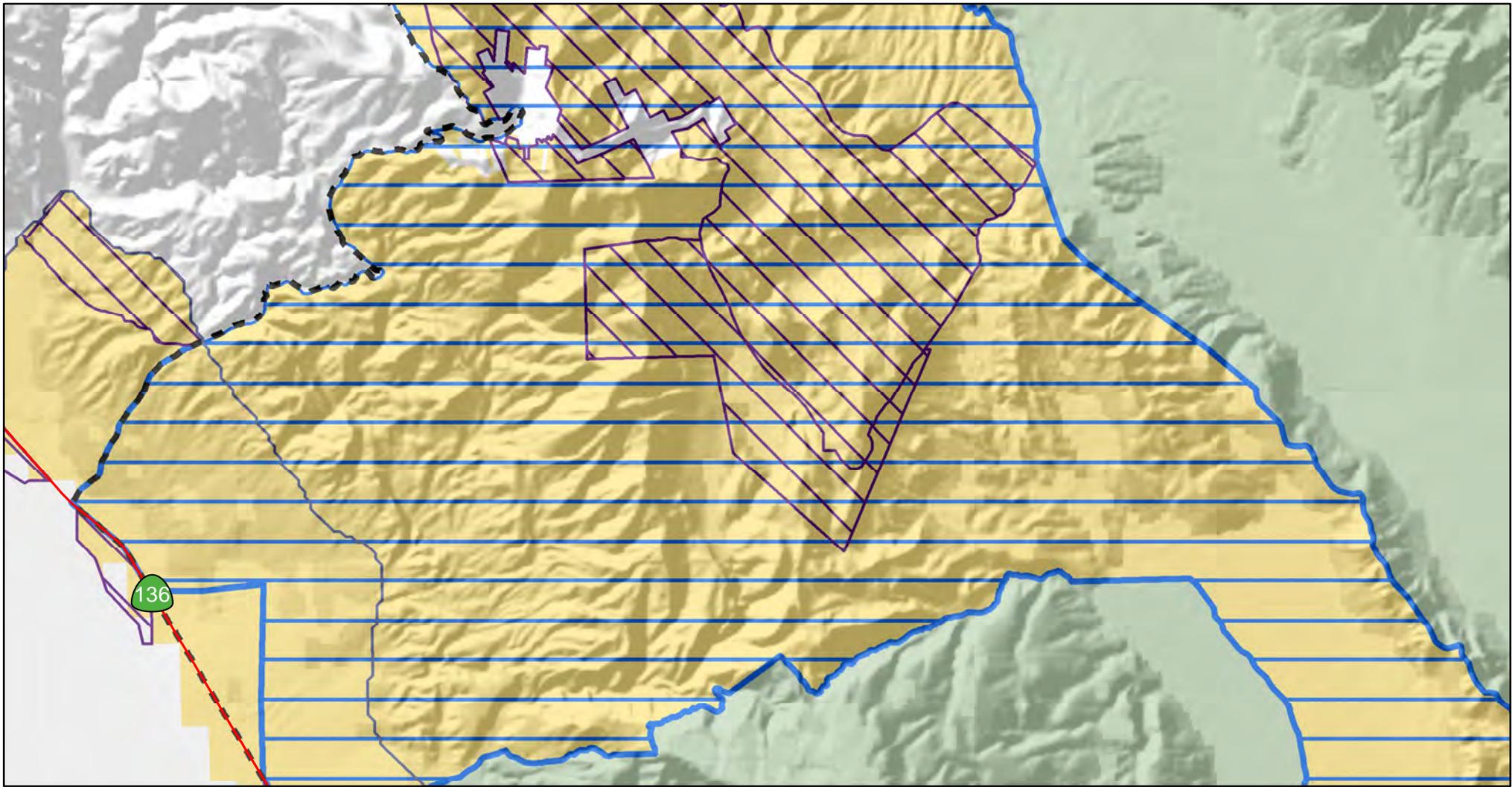
- ACEC Boundaries**
-  0.1% Disturbance Cap
- Land Status**
-  Bureau of Land Management
- Boundaries**
-  DRECP Boundary
 -  CDCA Boundary
 -  LLPA

Conglomerate Mesa ACEC

7/20/2016

BLM California State Office



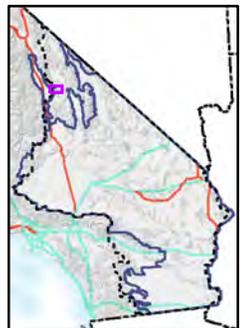
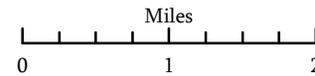
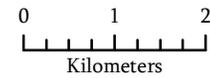


-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
- Land Status**
-  Bureau of Land Management

Conglomerate Mesa ACEC and Surrounding BLM Designations

7/21/2016

BLM California State Office



Cronese Basin

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Located 45 miles east of Barstow, just north of Interstate 15, this ACEC covers 10,226 acres, including the Cronese Lake playas and surrounding environs.

Nationally Significant Values: Not designated NCL.

Cultural: Many of the cultural sites meet criteria for inclusion in the National Register of Historic Places. The Cronese Basin has several prehistoric cultural resources associated with various indigenous and early European occupation periods. There are numerous sites attributed to the Anasazi people. This may provide important information as to the migration of the Anasazi in that this is the furthest known western habitation of the Anasazi.

Special Designations/Management Plan/Date: Originally designated in the CDCA Plan of 1980, the Management Plan for this ACEC was approved in December 1984, and published in early 1985. The Management Plan was subsequently amended by the West Mojave Plan in March of 2006.

Relevance and Importance Criteria: Relevant and important resource values include prehistoric and historic cultural resources associated with various indigenous and early European occupation periods and natural resources, including wilderness characteristics, wetland values, unusual plant communities, and sensitive species. 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.

Grazing Allotment: This unit overlaps with the Cronese Lake Allotment.

Overarching Goals: To identify, document, protect, and enhance sensitive resource values associated with the playas in the ACEC, provide appropriate recreational experiences, minimize conflicts with various uses, prevent degradation that may be caused by such uses and if not feasible, provide mitigation for impacts.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA.

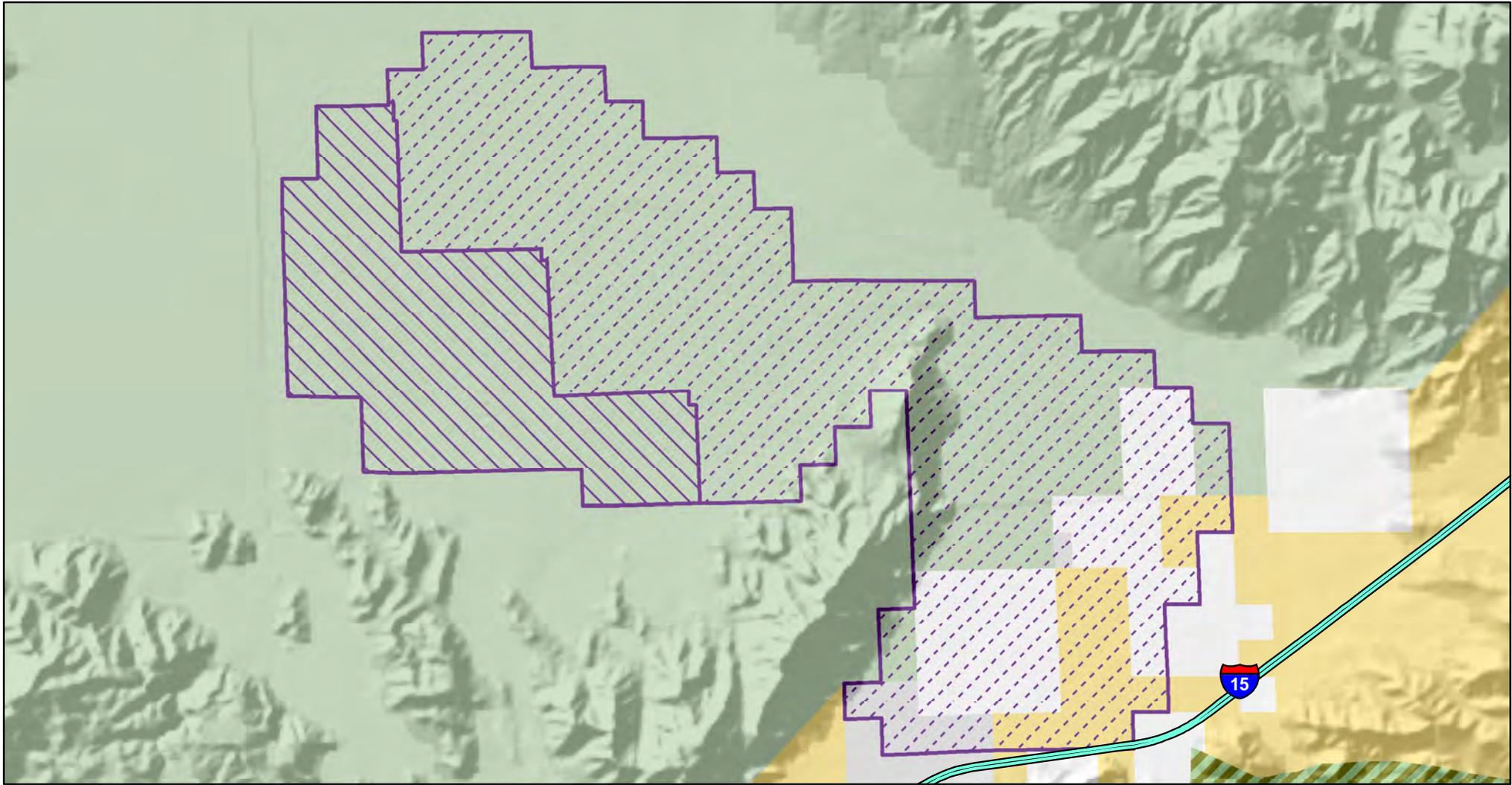
Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
0	8,470	0	0.5%, 1%

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

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain hydrological resource</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Monitor water development, including groundwater levels • Ensure major water projects, and any water developments authorized by BLM for wildlife and/or livestock, meet current design specifications. 	Soil, water, air
<p>Objective: Protect and enhance sensitive species habitat and sensitive vegetation types</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Stabilize invading exotic species and rehab critical wildlife habitat when necessary to ensure wildlife survival/use • Stabilize invading exotic species and rehab critical vegetation types when necessary to ensure long-term persistence <p>Species/communities of concern include: <i>Androstephium breviflorum</i> (small-flowered androstephium) <i>Linanthus arenicola</i> (sand linanthus) Mesquite thickets UPA and Desert willow wash</p>	Vegetation - Including special status species
<p>Objective: Protect and enhance sensitive wildlife species habitat</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Stabilize invading exotic species to protect blow sand areas for Mojave fringe-toed lizard 	Fish and Wildlife – Including special status fish and wildlife species
<p>Objective: Protect biodiversity and manage for resilience (protect climate refugia and provide for migration corridors).</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • 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). • Management Actions: 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). • Maintain migration corridor integrity by minimizing obstructions (fences, roads), disturbances (limiting access to water and shade during peak temperatures) and habitat fragmentation. 	Climate Change and Adaptation

<p>Objective: 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 Actions:</p> <ul style="list-style-type: none"> • 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.). • Minimize carbon sequestration losses from management activities by reducing impacts to vegetation, soil structure and soil biota. • 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>Objective: Protect resources from impacts associated with vehicle use</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Limit motor vehicle travel to designated routes. • Control vehicle access and increase BLM field presence. • Post signs to implement route designations, and monitoring route use 	Trails and Travel Management
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	Land Tenure
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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>Note: The Cronese Lake Allotment has been permanently retired through the DRECP process.</p>	Livestock Grazing



ACEC Boundaries

-  0.5% Disturbance Cap
-  1% Disturbance Cap

-  DRECP Boundary
-  CDCA Boundary
-  LLPA
-  Open OHV Areas

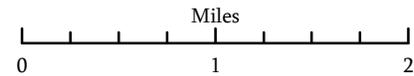
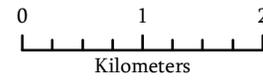
Land Status

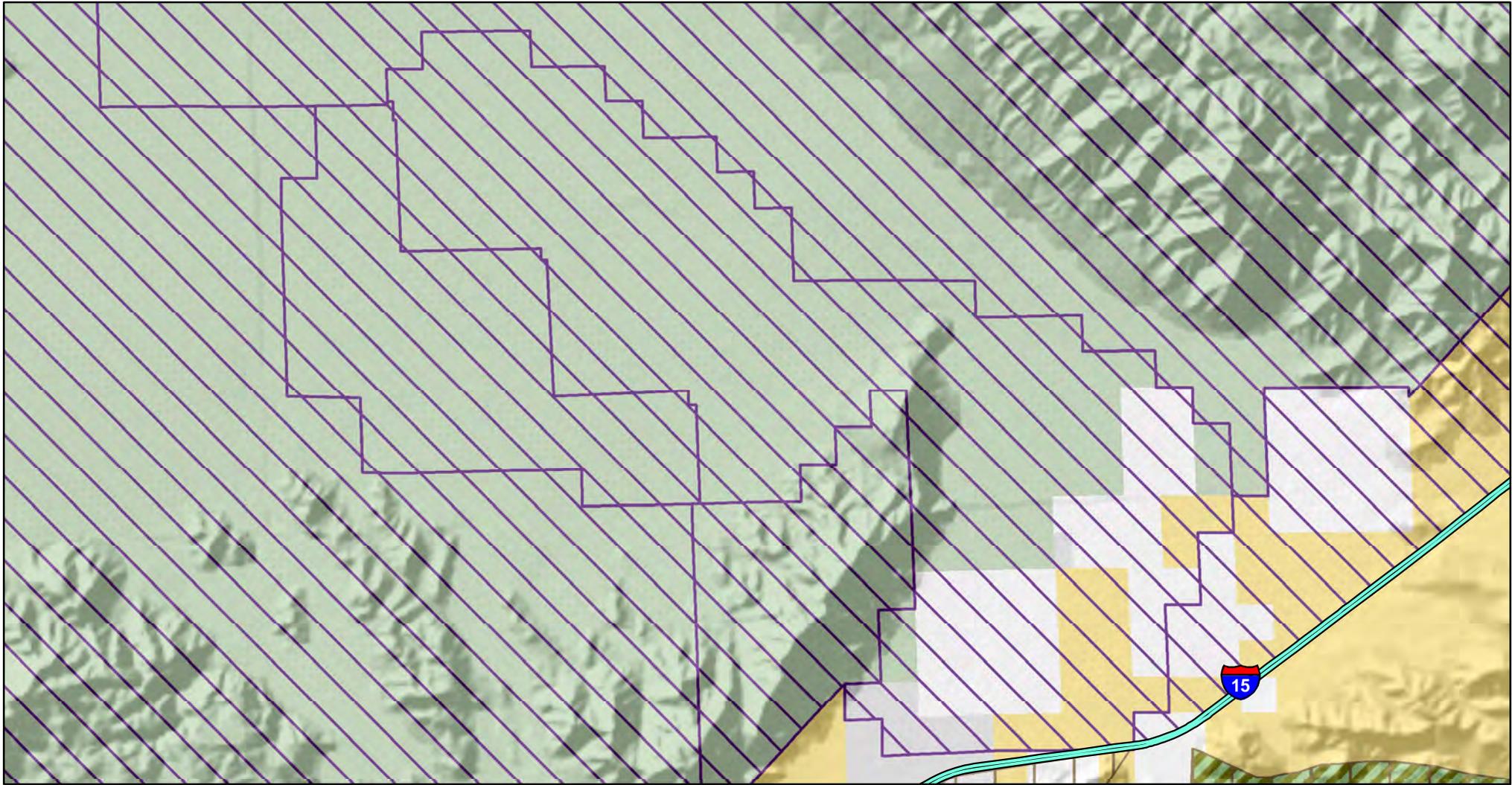
-  Bureau of Land Management
-  Department of Defense

Cronese Basin ACEC

7/20/2016

BLM California State Office



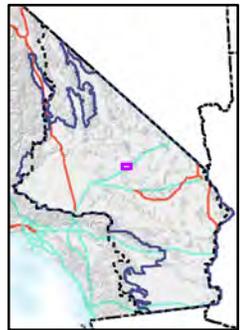
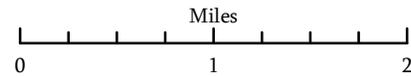
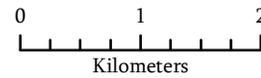


-  SRMA Boundaries
-  ACEC Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
-  Open OHV Areas
- Land Status**
-  Bureau of Land Management
-  Department of Defense

Cronese Basin ACEC and Surrounding BLM Designations

7/21/2016

BLM California State Office



Denning Spring

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Located in the northern part of the Avawatz Mountains, just to the north of Fort Irwin and south of Death Valley National Monument.

Nationally Significant Values: Not designated NCL.

Special Designation/Management Plan/Date: ACEC Plan No. 17, May 1982

Relevance and Importance Criteria: Relevant cultural resource values. Multiple prehistoric and historic artifacts present within ACEC boundaries.

Overarching Goals: Protect cultural resources from inadvertent damage and discourage large amounts of recreation in the area.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA

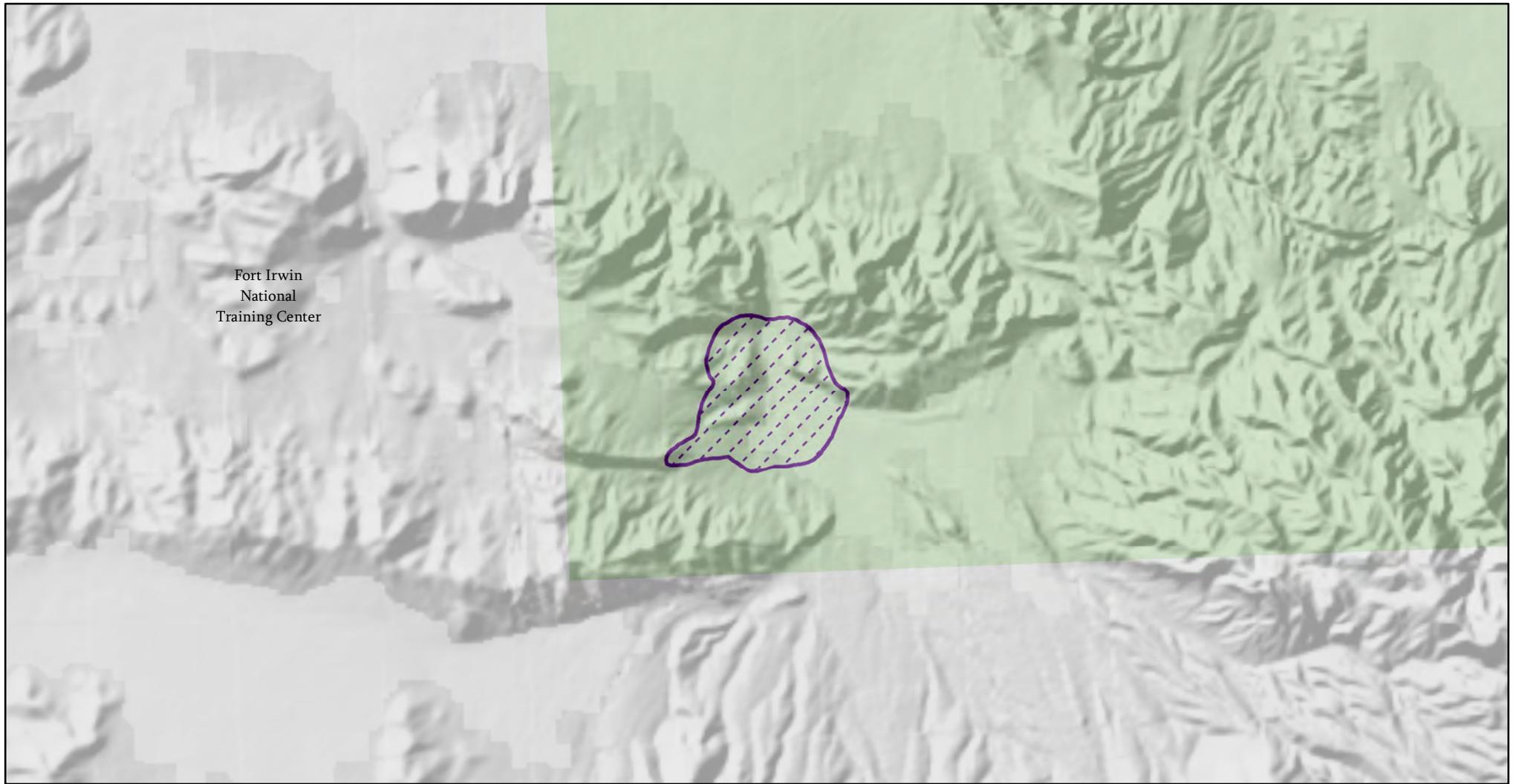
Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
0	410	0	1%

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

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect intact Nelson’s Bighorn Sheep habitat</p> <p>Management Action:</p> <ul style="list-style-type: none"> Maintain linkage connection across the ACEC to allow sheep to move between other large habitat blocks 	Fish and Wildlife – Including special status species
<p>See programmatic ACEC cultural resources objective and action items in general cultural resources rules.</p>	Cultural Resources
<p>Objective: Provide for general management and protection of paleontological resources</p> <p>Management Action:</p> <ul style="list-style-type: none"> Develop plans for the inventory, monitoring, and scientific and educational use of paleontological resources as needed 	Paleontology

<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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: Resolve cultural issues with several existing patented claims within the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Determine locations of cultural resources vs. patented mining claims 	<p>Locatable Minerals Mineral Materials Non-energy Leasables</p>



ACEC Boundaries

 1% Disturbance Cap

-  DRECP Boundary
-  CDCA Boundary
-  LLPA

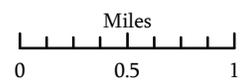
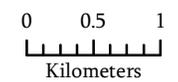
Land Status

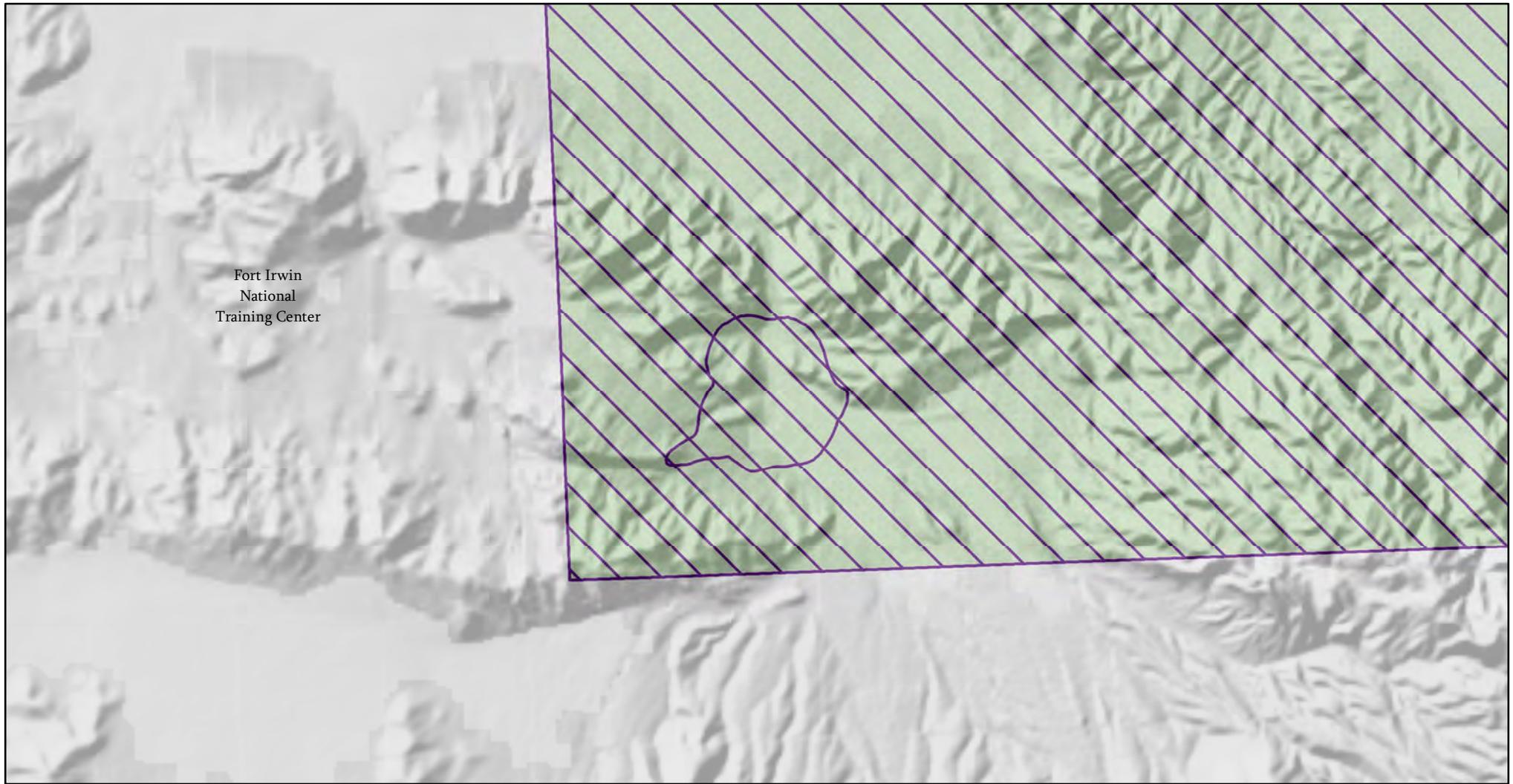
-  Bureau of Land Management
-  Department of Defense

Denning Spring ACEC

7/21/2016

BLM California State Office



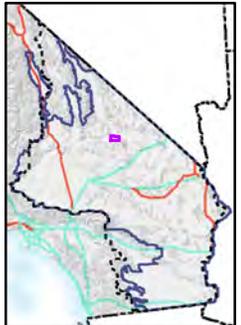
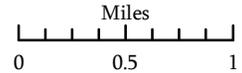
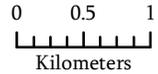


-  ACEC Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
- Land Status**
-  Bureau of Land Management
-  Department of Defense

Denning Spring ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Mesquite Hills-Crucero

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Located 17 miles south southwest of Baker, San Bernardino County, California. Situated within Mojave Sink to the south of Soda Dry Lake.

Nationally Significant Values:

Ecological: The extensive mesquite groves that exist within the ACEC are of high importance and only a few mesquite bosques remain in the California deserts. The area is critical for fringed toed lizard, desert tortoise, burrowing owl, and several bat species. Additionally, relevant biological resources including wildlife and plant assemblages, numerous rare and sensitive plants have major populations in the valley.

Cultural: Nomadic tribes of the past to recent Native Americans have occurred within the Mesquite Hills/Crucero Hills for over 4,000 years. Evidence of Native American visitation within the Mesquite Hills/Crucero Hills spans over 4,000 years and are scattered throughout the area. This location is also of significant importance as a Native American heritage learning area for traditional learning skills.

Scientific: Geologic mapping and studying of historic fault zones.

Special Designations/Management Plan/Date: ACEC Plan No. 42, August 1989

Relevance and Importance Criteria: As presented in CDCA 1980, relevant cultural resource values. Over 50 archaeological sites recorded in the region that contained temporary camps, intaglios, petroglyphs, milling stations, lithic scatters and pottery.

Recreation Area: This unit overlaps with the Crucero Valley ERMA.

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

Lands with Wilderness Characteristics: This unit contains 5,019 acres of lands that would be managed to protect wilderness character. The CMAs for lands managed to protect wilderness character would also apply in those areas.

Overarching Goals: Protect archaeological and ecological resources.

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

Protect mesquite bosque habitat and species associated with the habitat, such as Lucy's Warbler (*Oreothlypis luciae*).

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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.

This area is included in the California Desert 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 the LUPA. 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:

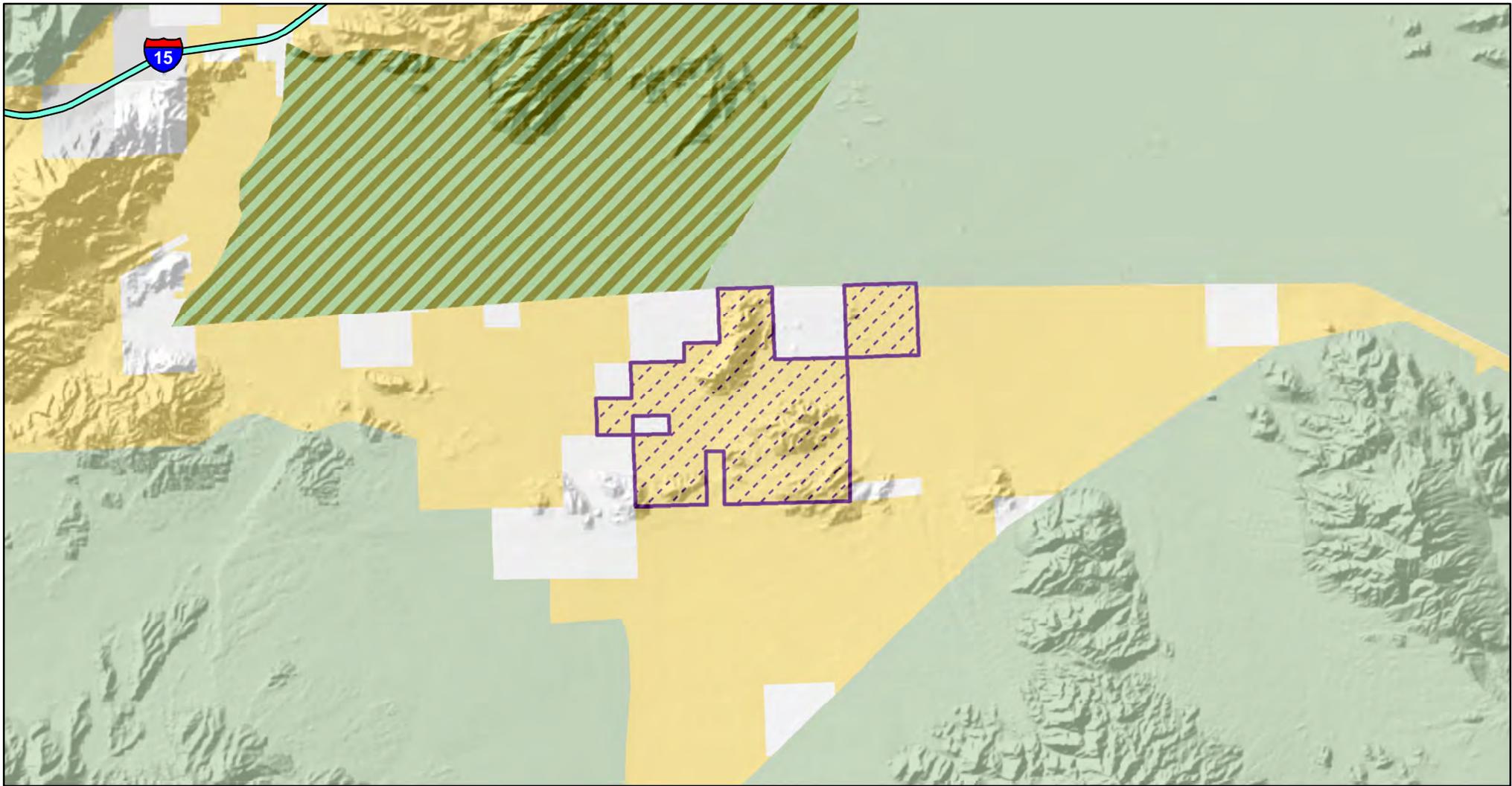
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
5,040	5,040	0	1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain proper functioning condition of soils and vegetation. Control erosion.</p> <p>Management Action:</p> <ul style="list-style-type: none"> Limit OHV use to designated routes. 	Soil, water, air
<p>Management Action:</p> <ul style="list-style-type: none"> Maintain and monitor UPAs: Mesquite Bosque, Mojave Sink Desert Wow Assemblage 	Vegetation (incl. special status species)
<p>Management Action:</p> <ul style="list-style-type: none"> Monitor for presence of desert tortoise and other special status species. 	Fish and Wildlife (incl. special status species)
<p>Objective: Provide for General Management and Protection of Paleontological Resources</p> <p>Management Actions</p> <ul style="list-style-type: none"> Manage and protect fossil resources consistent with the Paleontological Resources Preservation Act. Develop plans for the inventory, monitoring, and scientific and educational use of paleontological resources as needed. 	Paleontology
<p>Objective: Maintain characteristic landscape, particularly features important as cultural landscapes.</p>	Visual Resources

<p>Objective: Provide for the use of a designated system of Ground Transportation Linear Features to ensure access to the public for appropriate uses.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • All designated roads and trails will be signed including road or trail number/name. • As funding allows, all roads and trails identified as closed will be rehabilitated/restored. • As funding allows, restore all undesignated roads or trails. • Provide routine maintenance of the designated roads and trails system including installation of routine signs, markers, culverts, ditches, water bars, barriers, gates, or cattle guards on/or adjacent to system roads and trails. 	<p>Trails and Travel Management</p>
<p>Objective: Manage recreation consistent with established conservation goals, while providing a broad range of recreation opportunities, and to ensure public health and safety.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Provide interpretive, directional, and regulatory signs and materials as necessary to provide public information and reduce impacts from recreational use. • Allow stopping and parking within 25 feet, and camping within 100 feet of the centerline of designated routes. • Manage recreational shooting consistent with state and local laws. • Allow SRP events which do not negatively affect ACEC Relevance and Importance Values. • Issuance of Special Recreation Permits for day use or overnight use up to 14 consecutive nights; that impact no more than 3 staging area acres; and/or for recreational travel along roads and trails designated open in the land use or accompanying activity level plans. 	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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. • Limit linear ROWs to designated corridors. 	<p>Rights of Way</p>

<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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: Open to entry for locatable minerals,</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Require plan of operation for locatable minerals. • Consider saleable and leaseable minerals proposals if they do not conflict with ACEC values. 	<p>Locatable Minerals Mineral Materials Non-energy Leaseables</p>



ACEC Boundaries

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

LLPA

Open OHV Areas

Land Status

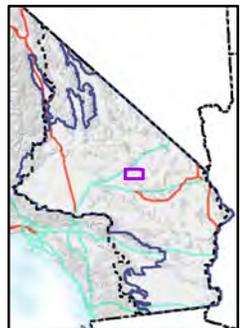
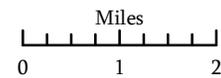
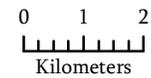
Bureau of Land Management

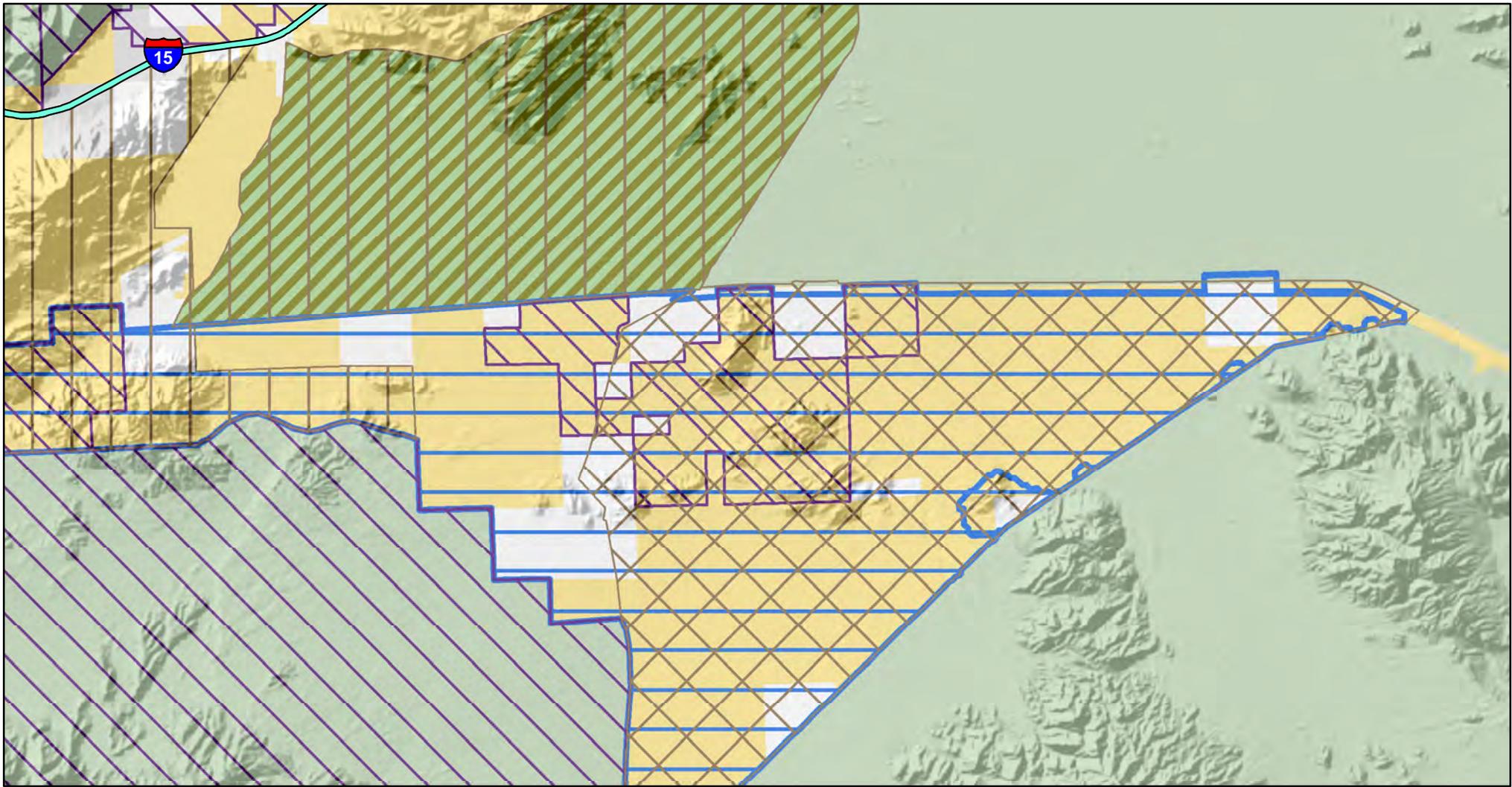
Department of Defense

Mesquite Hills-Crucero ACEC

7/21/2016

BLM California State Office



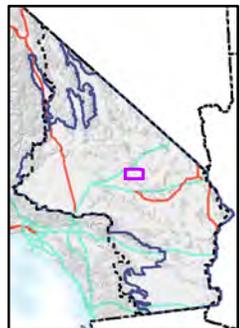
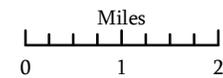
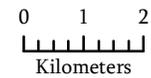


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|---|---------------------------|---|-----------------------|
|  | ERMA Boundaries |  | DRECP Boundary |
|  | SRMA Boundaries |  | CDCA Boundary |
|  | ACEC Boundaries |  | LLPA |
|  | CDNCL Boundaries |  | Open OHV Areas |
| Land Status | | | |
|  | Bureau of Land Management |  | Department of Defense |

Mesquite Hills-Crucero ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Parish's Phacelia

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description /Location: This unit is completely encompassed in the Superior-Cronese ACEC, approximately 3.5 miles north of Interstate 15 and the town of Harvard.

Nationally Significant Values:

Ecological: The area is important for botanical resources and to protect sensitive and restrictive plant species, in particular the largest known population of Parish's phacelia. There are only 8 known occurrences of this species, most of which have not been located since pre-1980.

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

Relevance and Importance Criteria: Set aside solely to protect the largest known population of Parish's phacelia.

National Historic and Scenic Trails: This unit overlaps a portion of the Old Spanish Trail.

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 with the CMAs included in of the LUPA, 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.

This area is included in the California Desert 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 the LUPA. 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.

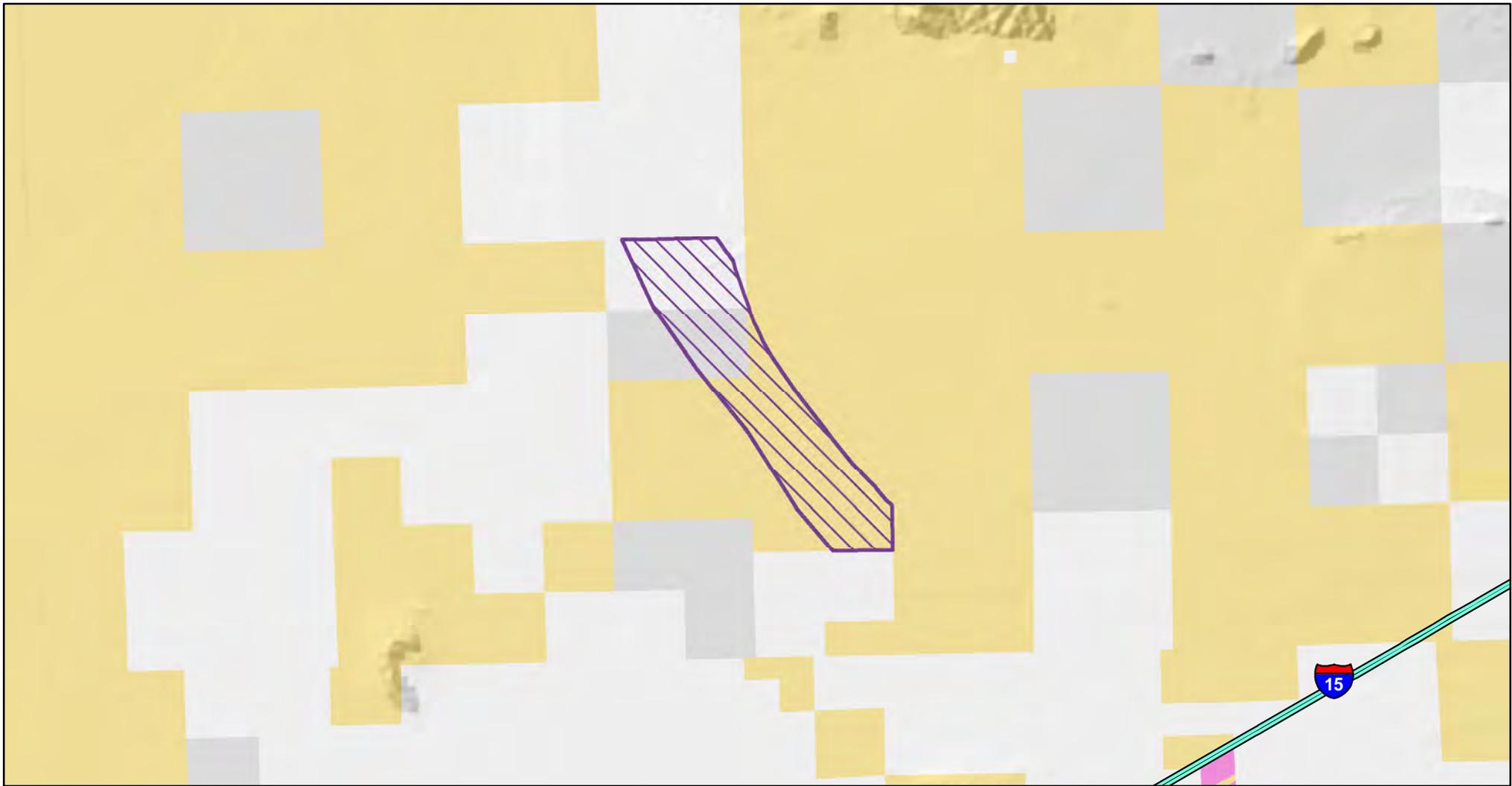
Designation and Acreage by Alternative:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
520	520	0	0.5%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
Objective: Protect and enhance Parish's phacelia (<i>Mimulus mohavensis</i>) populations	Vegetation - Including special status species

<p>Objective: Protect Parish’s phacelia from impacts associated with vehicle traffic</p> <p>Allowable Uses: Vehicle traffic on designated roads and trails</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Protect habitat by restricting vehicle traffic on the dry lakebeds • Place signs around the boundary of the ACEC • Prevent the establishment of new routes • Through the Local Travel Management Plan process, evaluate the route network and designate or close existing routes to reduce impacts to the ACEC values. 	<p>Trails and Travel Management</p>
<p>Objective: Reduce impacts of recreation on plant populations</p> <p>Allowable Uses: Camping is not an allowable use.</p>	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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>



ACEC Boundaries

 0.5% Disturbance Cap

Renewable Footprint

 DFA

 DRECP Boundary

 CDCA Boundary

Land Status

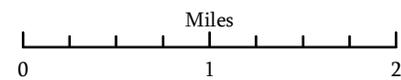
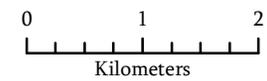
 Bureau of Land Management

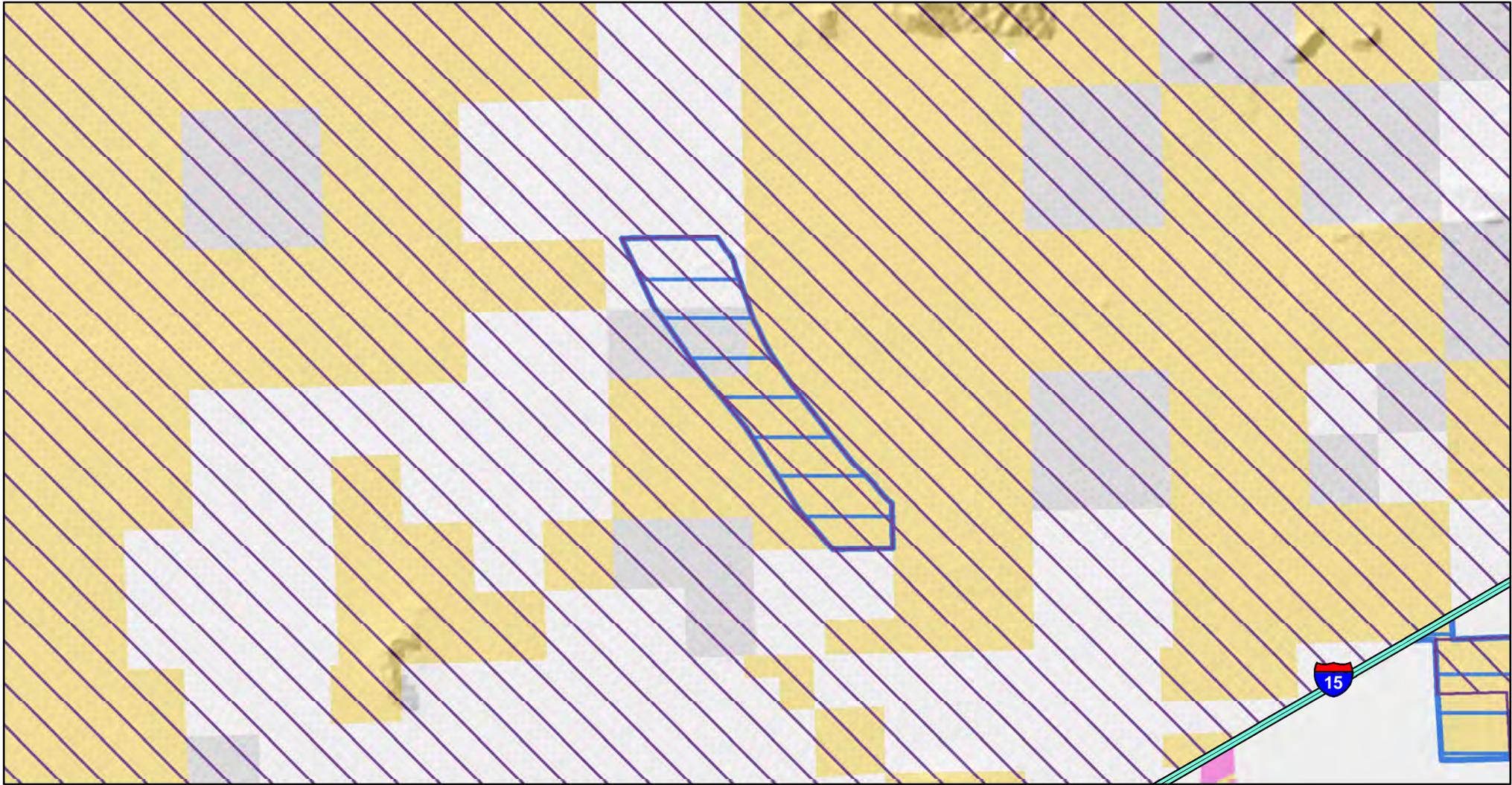
 Department of Defense

Parish's Phacelia ACEC

7/21/2016

BLM California State Office



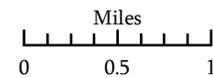
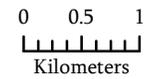


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|--|---|
|  ACEC Boundaries |  DRECP Boundary |
|  CDNCL Boundaries |  CDCA Boundary |
| Renewable Footprint | Land Status |
|  DFA |  Bureau of Land Management |
| |  Department of Defense |

Parish's Phacelia ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Rainbow Basin/Owl Canyon

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

Description/Location: Approximately 8 miles north of Barstow in central San Bernardino County. Accessible by Fort Irwin Road, then west on Fossil Bed Road to the Rainbow Basin Road.

Nationally Significant Values:

Scientific: This area is of importance for its paleontological resources.

Special Designations/Management Plan/Date: ACEC Plan No. 39, May 1991

Relevance and Importance Criteria: Relevant wildlife, scenic, geological and paleontological resource values. Contains a spectacular display of colorful sedimentary rocks with geological structures clearly exposed. The area is also important as a source of Miocene vertebrate fossils, including fossilized camel tracks. Contains habitat for the desert tortoise, as well as two nest sites for the prairie falcon.

Recreation Area: This area overlaps with the Superior/Rainbow SRMA.

Lands with Wilderness Characteristics: This unit contains 1,458 acres of lands that would be managed to protect wilderness character. The CMAs for lands managed to protect wilderness character would also apply in those areas.

Overarching Goals: Preservation and protection of outstanding and significant values, while allowing for public use, appreciation and study.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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.

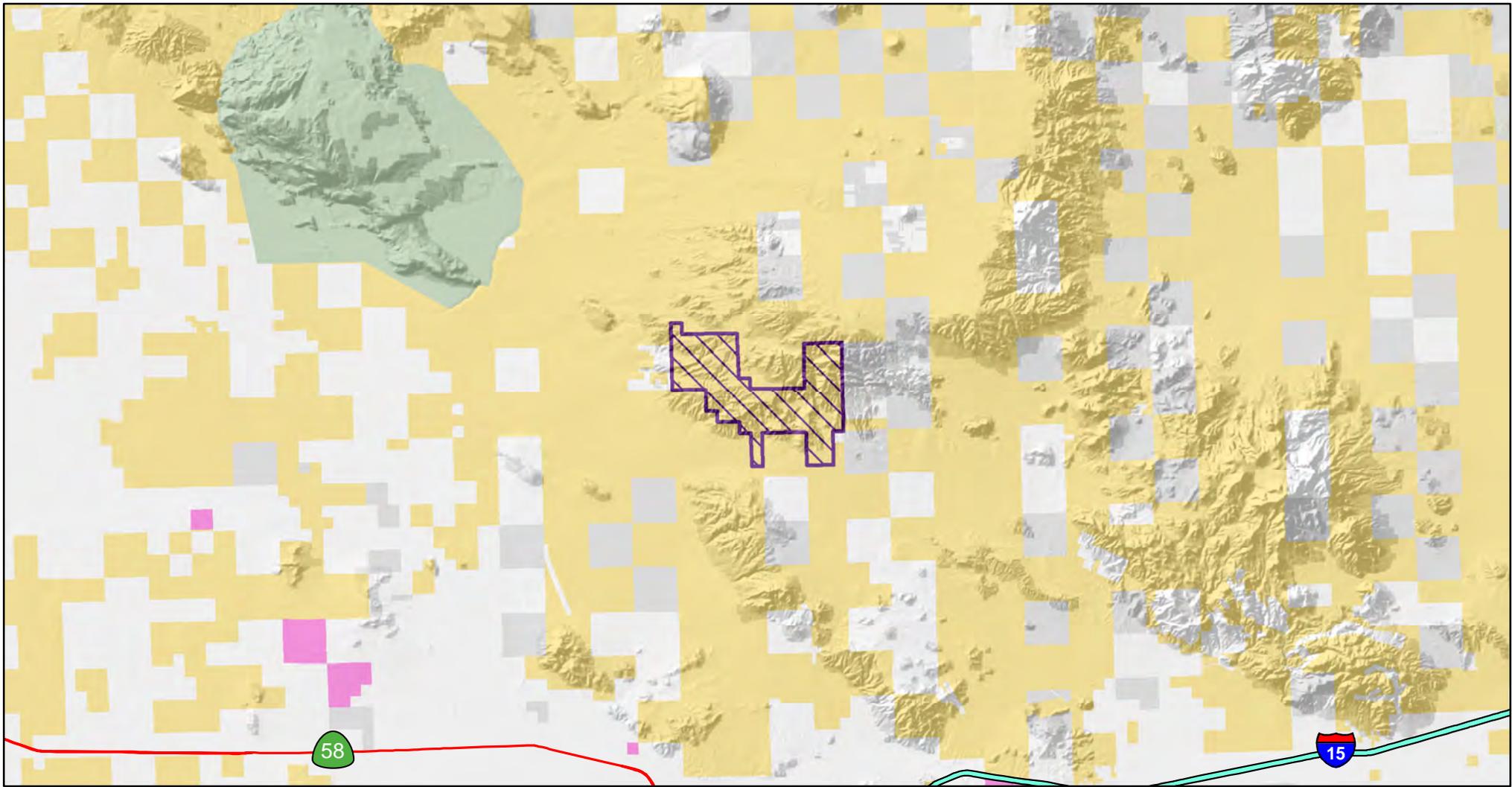
This area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically 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:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
4,100	4,100	0	0.5%

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

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Manage for the protection of sensitive wildlife habitat</p> <p>Special Status Species:</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Survey for sensitive species • Identify current occupied and potential habitat • Identify and implement actions to conserve and improve habitat conditions <p>Special Status Species include: Desert tortoise Mojave Ground Squirrel</p>	<p>Fish and Wildlife - Including special status species</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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>



ACEC Boundaries

 0.5% Disturbance Cap

Renewable Footprint

 DFA

 DRECP Boundary

 CDCA Boundary

 LLPA

Land Status

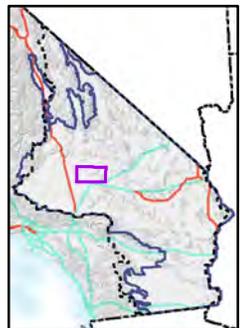
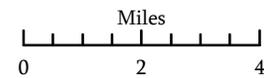
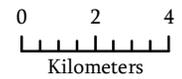
 Bureau of Land Management

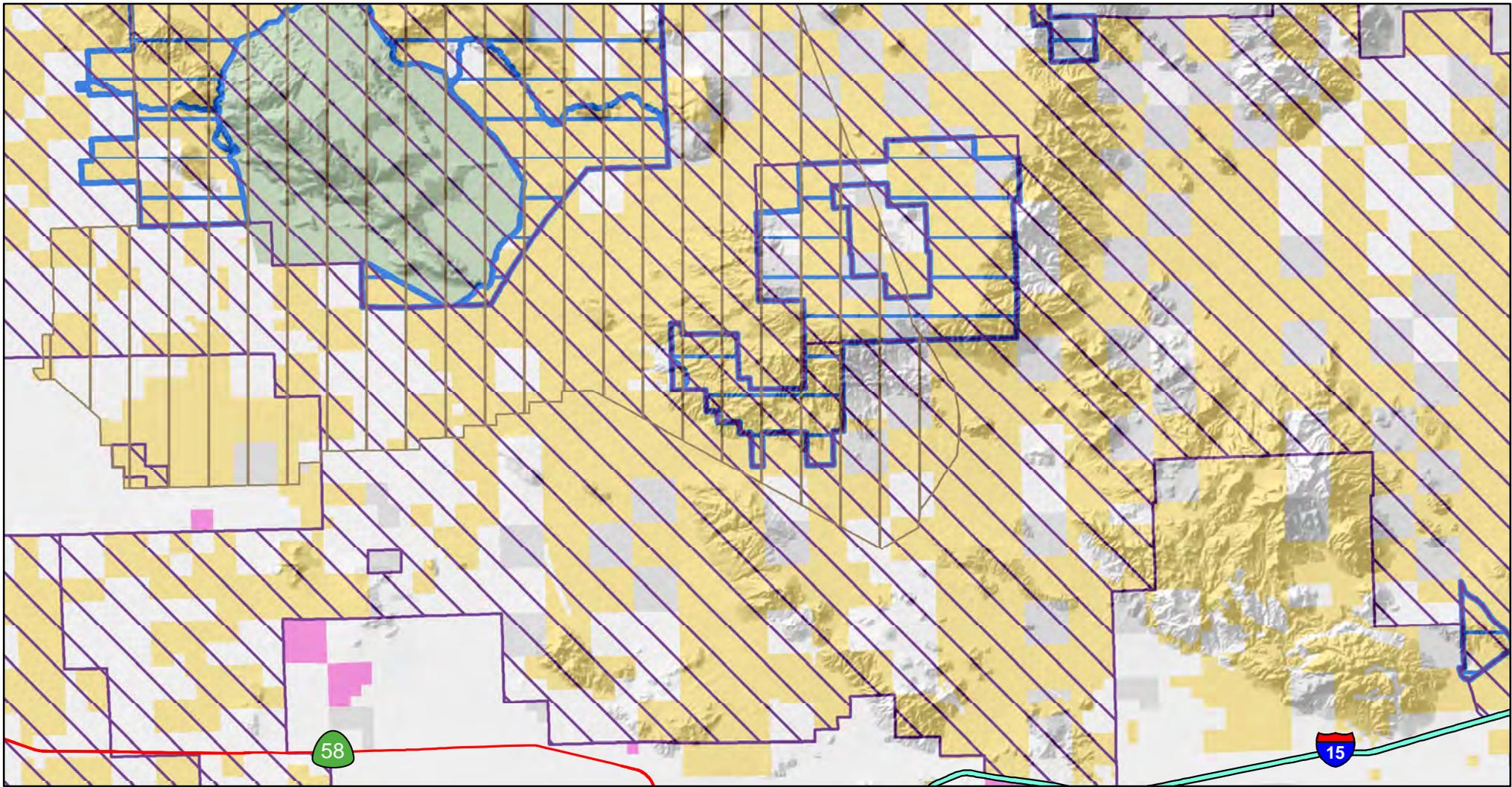
 Department of Defense

Rainbow Basin/Owl Canyon ACEC

7/21/2016

BLM California State Office



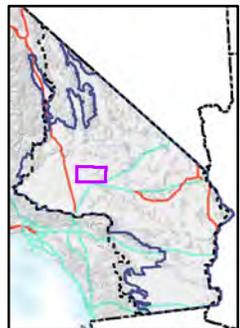
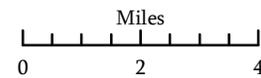
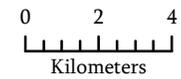


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|----------------------------|---------------------------|
| SRMA Boundaries | DRECP Boundary |
| ACEC Boundaries | CDCA Boundary |
| CDNCL Boundaries | LLPA |
| Renewable Footprint | Land Status |
| DFA | Bureau of Land Management |
| | Department of Defense |

Rainbow Basin/Owl Canyon ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Red Mountain Spring

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Located in the northeastern side of Red Mountain in San Bernardino County.

Nationally Significant Values:

Cultural: Originally named "Squaw Spring" in the CDCA Plan, this area was designated for significant prehistoric and historic cultural resource values. Portions of the unit are within the Squaw Spring Archaeological District which is listed in the National Register of Historic Places. It includes 17 recorded prehistoric sites, one recorded historic site, and two multicomponent sites. Resources include lithic reduction locales, pottery concentrations, habitation sites, milling complex, and extensive petroglyph sites, as well as historic mining features, ranging in date from 500 AD to the late 1800s.

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

Special Designations/Management Plan/Date: Original ACEC Designation, California Desert Conservation Area Plan, 1980; National Register of Historic Places Listing, 07/1981; Red Mountain Spring ACEC Management Plan 09/30/1987 (CA-06-ACEC-26); West Mojave Plan Amendment Route designation 01/2005

Relevance and Importance Criteria: This area was designated due to significant prehistoric and historic cultural, and wildlife resources. Portions of the ACEC are within the Squaw Spring Well Archaeological District which is listed in the National Register of Historic Places. It includes 17 recorded prehistoric sites, one recorded historic site, and two sites with both. This area also falls within the Mojave Ground Squirrel and the Fremont-Kramer ACECs.

Recreation Area: This area overlaps with the Red Mountain SRMA.

Overarching Goals: To protect and preserve significant cultural and wildlife resources.

Were the CMAs in this Special Management Plan conflict with the CMAs included in of the LUPA, 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.

This area is included in the California Desert 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 the LUPA. 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.

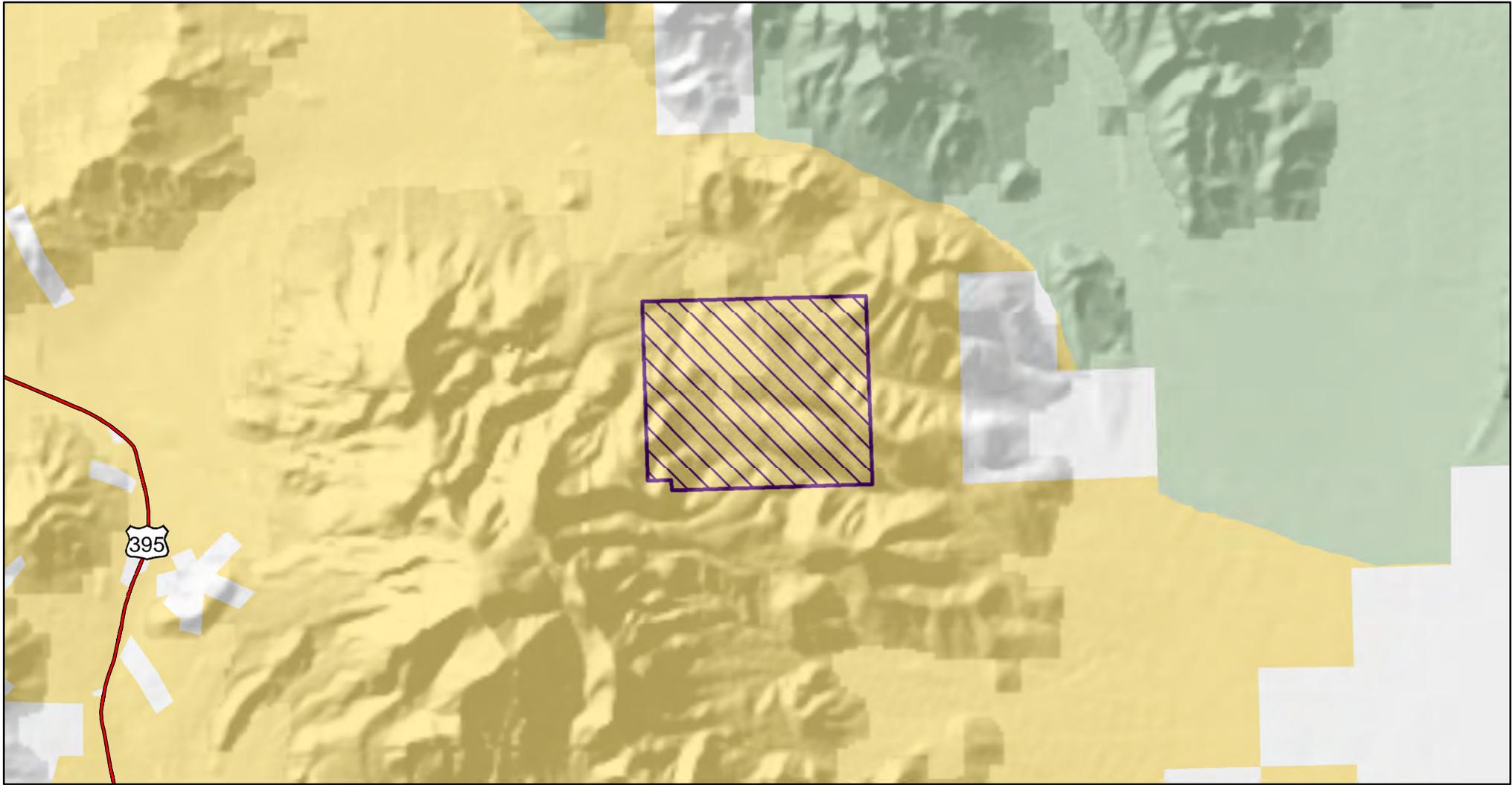
Designation and Acreage by Alternative:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
720	720	0	0.5%

* Acreage values are for BLM managed lands

Objectives (desired future condition)/Allowable Uses/Management Actions	Resource
Note: A portion of the ACEC was designated Public Water Reserve No. 22	Soil, water, air
<p>Objective: Protect and enhance habitat to maintain stable or increasing population trends of special status species to ensure persistence:</p> <p>Species of concern include: Desert Tortoise (<i>Gopherus agassizii</i>) Federally and State threatened Le Conte’s Thrasher (<i>Toxostoma lecontei</i>) State Species of Special Concern Loggerhead Shrike (<i>Lanius ludovicianus</i>) State Species of Special Concern American Badger (<i>Taxidea taxus</i>) State Special Animal Mohave ground squirrel (<i>Spermophilus mohavensis</i>) State threatened Townsend's big-eared bat (<i>Corynorhinus townsendii</i>) BLM sensitive Pallid bat (<i>Antrozous pallidus</i>) BLM sensitive Spotted bat (<i>Euderma maculatum</i>) BLM sensitive Western Mastiff bat (<i>Eumops perotis californicus</i>) BLM sensitive Golden Eagle (<i>Aquila chrysaetos</i>) BLM sensitive, Bald and Golden Eagle P. Act Prairie Falcon (<i>Falco mexicanus</i>) USFWS Bird of Conservation Concern Burrowing Owl (<i>Athene cunicularia</i>) BLM Sensitive Long-eared owl (<i>Asio otus</i>) State Species of Special Concern.</p>	Fish and Wildlife (incl. special status species)
<p>Objective: Protect and preserve archaeological sites</p> <p>Allowable Uses: Limited access for recreation and minimal surface disturbance.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Close area to vehicle use. • Prohibit camping in areas containing sensitive resources • Proceed with withdrawal from mineral entry, per existing plans • Adjust ACEC boundary to include all sensitive cultural resources after completing inventory. <p>See programmatic ACEC cultural resources objective and action items in general cultural resources rules.</p>	Cultural Resources

<p>Objective: Limit vehicle access</p> <p>Allowable uses: Non-mechanized travel</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Prohibit motorized and non-motorized travel. 	<p>Trails and Travel Management</p>
<p>Objective: Provide dispersed opportunities for enjoyment of the ACEC attributes</p> <p>Allowable uses: Casual and permitted recreational uses including hunting, picnicking, photography, nature study and viewing. Camping is prohibited.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Increase compliance with designated routes of travel and/or travel management plan. 	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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>Right-of-Way</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to new 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>Management Actions:</p> <ul style="list-style-type: none"> • Determine validity of mining claims • Proceed with withdrawal to mineral entry, per existing plans 	<p>Locatable Minerals Mineral Materials Non-energy Leaseables</p>



ACEC Boundaries

 0.5% Disturbance Cap

 DRECP Boundary

 CDCA Boundary

 LLPA

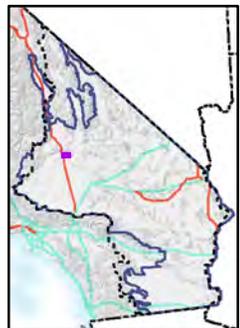
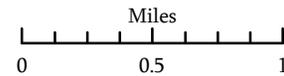
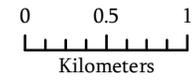
Land Status

 Bureau of Land Management

Red Mountain Spring ACEC

7/21/2016

BLM California State Office



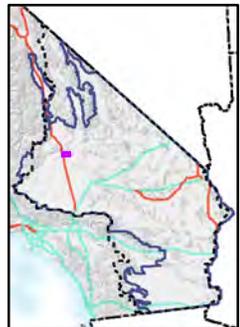
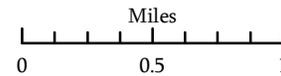
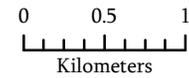


-  SRMA Boundaries
-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
- Land Status**
-  Bureau of Land Management

Red Mountain Spring ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Salt Creek Hills

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: The Salt Creek Hills ACEC is located in northeastern San Bernardino County, 29 miles north of Baker, CA. The ACEC includes approximately 2,009 acres of land in Township 18 North, Range 6 East, and Township 18 North, Range 7 East, San Bernardino Meridian. Access to this area is made via State Highway 127 and a dirt road which angles through the ACEC. All lands within the ACEC are public lands administered by the Bureau of Land Management. 100 additional acres were added to the ACEC in section 19, T18N, R7E, SBM, to protect an old adobe structure and several mines and mine shafts, remnants of gold mining activity during the last century.

Nationally Significant Values:

Cultural: This unit includes a mining district and other sites that meet the criteria for inclusion in the National Register of Historic Places. Salt Creek is within the corridor of the Congressionally designated Old Spanish Trail corridor. Salt Creek itself is described in several historic accounts of travel through this portion of the Mojave Desert. Salt Creek was along the Mormon Trail which is important to the western expansion of the United States. Salt Creek was the first known Mormon mining operation in California.

Special Designations/Management Plan/Date: Management Plan for Salt Creek Hills ACEC, dated 5/17/1982. Updated in WEMO.

Relevance and Importance Criteria: The Management Plan for the Salt Creek ACEC has been prepared to provide specific guidance for protecting riparian vegetation present along a desert stream and for preserving a variety of historic and prehistoric cultural sites and artifacts also located here. Riparian vegetation is a rare and unique habitat within the Mojave Desert and an important source of food, shelter, and nesting space for birds. The presence of standing water and game served to attract Native Americans to the vicinity, as evidenced by the relative abundance of artifacts and sites known to occur in the ACEC.

National Historic and Scenic Trails: This unit overlaps a portion of the Old Spanish Trail.

Overarching Goals: The management objective for the Salt Creek ACEC is to maintain sensitive riparian wildlife habitat and to protect a variety of cultural sites present on federal lands along Salt Creek.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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.

This area is included in the California Desert 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 the LUPA. 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.

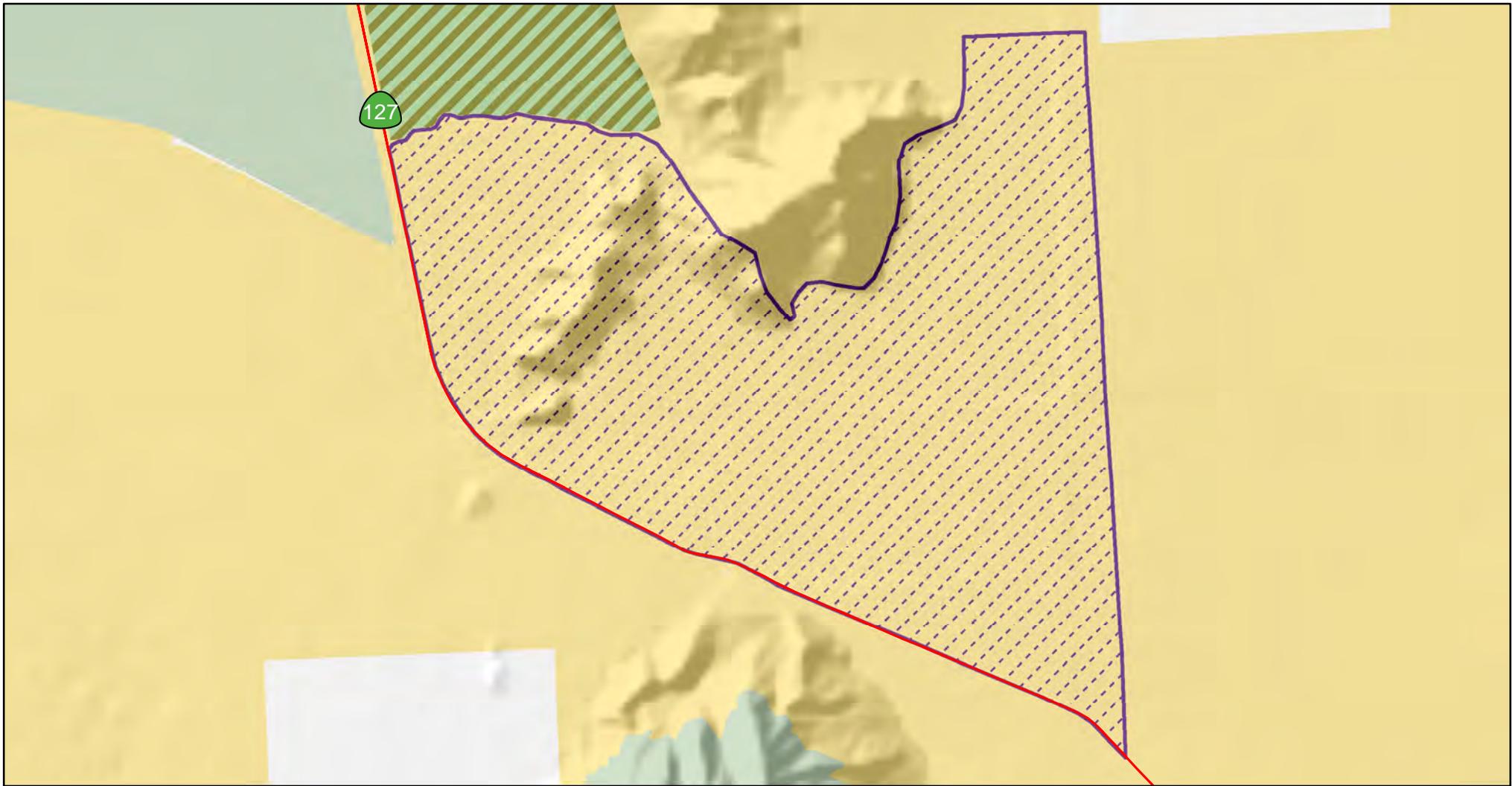
Designation and Acreage by Alternative:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
2,210	2,210	0	1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Provide for increased stability of riparian vegetation through increased protection of area water reserves</p> <p>Management Action:</p> <ul style="list-style-type: none"> Identify the water source for Salt Creek as a Public Water Reserve withdrawn under Public Water Reserve Order 107 to prohibit groundwater pumping 	Soil, water, air
<p>Objective: Provide for increased protection of sensitive plant species</p> <p>Management Action:</p> <ul style="list-style-type: none"> Initiate periodic surveys of the ACEC to locate sensitive plant populations and if any are located, take necessary precautionary measures deemed appropriate by a botanist to assure continued survival <p>Objective: Improve the quality of riparian vegetation by gradually replacing highly competitive exotic species such as Tamarisk with native homey mesquite and non-native cottonwoods</p> <p>Management Action:</p> <ul style="list-style-type: none"> Selectively prune and remove tamarisk around honey mesquite to encourage additional growth of established plants and to encourage germination and establishment of mesquite seedlings 	Vegetation - Including special status species
<p>Objective: Protect and enhance bird and bat breeding sites</p> <p>Management Action:</p> <ul style="list-style-type: none"> Experimentally attempt to establish cottonwoods through planting of seedlings along the creek bank to increase habitat heterogeneity and to provide for additional bird species cover and nesting space Conduct surveys of all mine features for bats prior to closure, use soft closure methods (bat gates) where appropriate 	Fish and Wildlife Including special status species

<p>Objective: Prevent loss of habitat and disturbance to wildlife from motorized vehicle use and camping</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Maintain existing management for signs, road barriers, and fencing. • Place additional signs as needed to provide for increased public awareness of vehicle and camping restrictions. • Use patrols will be used to monitor compliance, enforce regulations, and provide for increased public contact. 	<p>Trails and Travel Management</p>
<p>Objective: Provide additional safety information to reduce the potential for accidents at abandoned mine shafts and tunnels</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Post signs warning visitors of potential dangers near mine tunnels and shafts within the ACEC. In certain cases, fencing may also be appropriate. <p>Objective: Prevent loss of habitat, disturbance to wildlife from motorized vehicle use and camping</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Remove old fire-rings and litter from current camping sites to discourage continued use. 	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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>



ACEC Boundaries

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

LLPA

Open OHV Areas

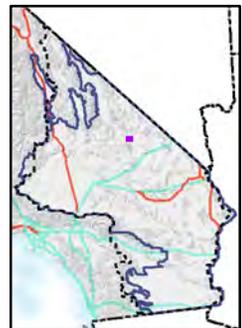
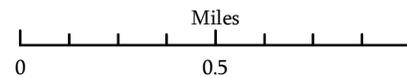
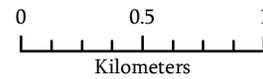
Land Status

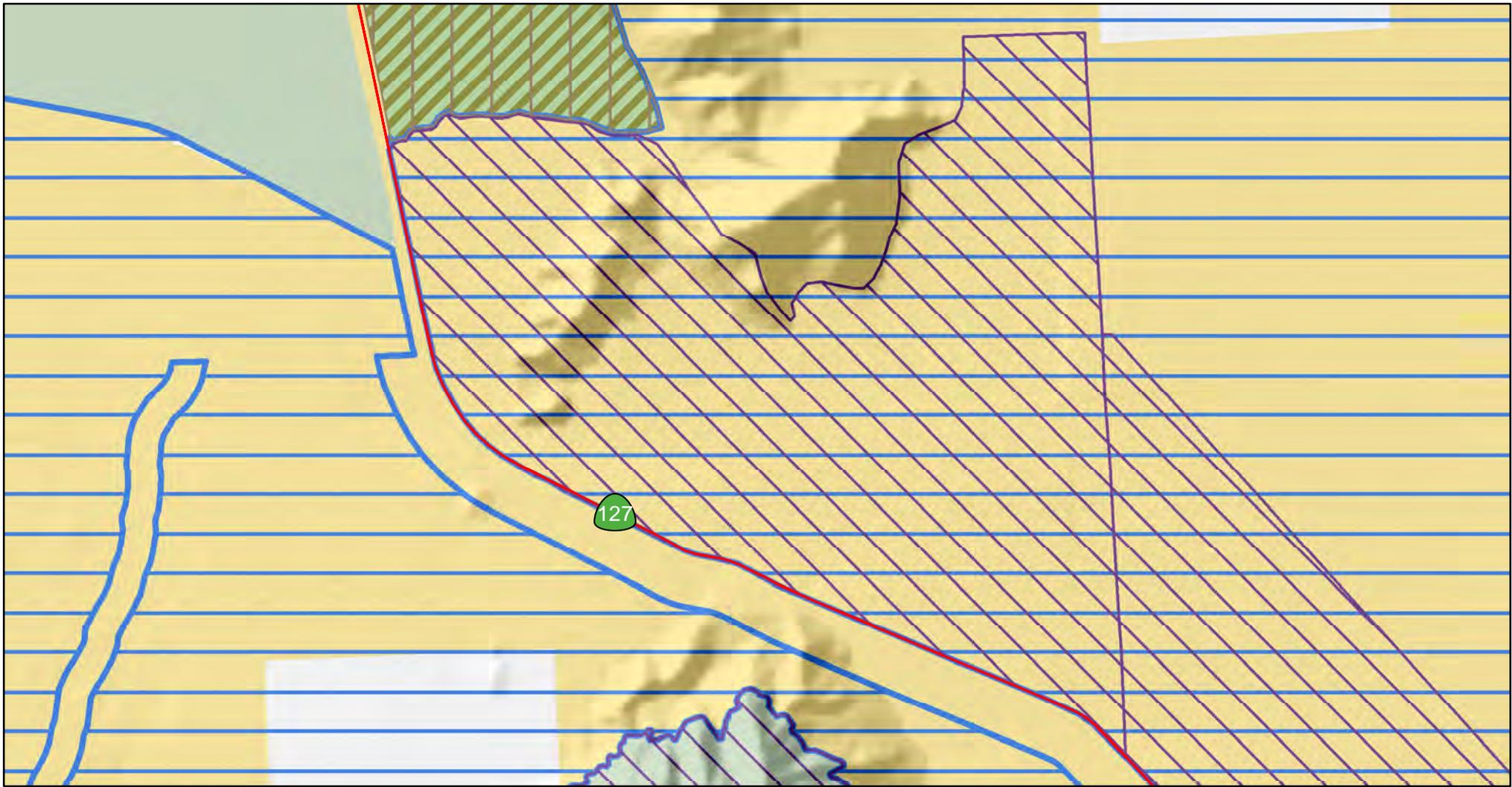
Bureau of Land Management

Salt Creek Hills ACEC

7/21/2016

BLM California State Office



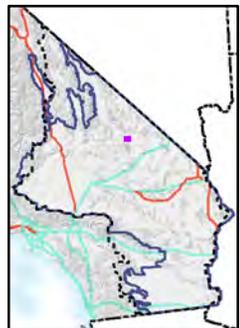
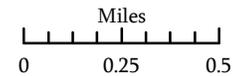
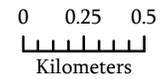


- SRMA Boundaries
- ACEC Boundaries
- CDNCL Boundaries
- DRECP Boundary
- CDCA Boundary
- LLPA
- Open OHV Areas
- Land Status**
- Bureau of Land Management

Salt Creek Hills ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Soda Mountain Expansion

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley.

Description/Location: The Soda Mountain Expansion ACEC encompasses the area between Interstate 15 and the southern border of the Soda Mountain Wilderness Study Area.

Nationally Significant Values:

Ecological: This area provides important plant and wildlife connectivity between surrounding Wilderness and Wilderness Study Areas which encompass large blocks of intact habitat.

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

Relevance and Importance Criteria: This corridor provides important plant and wildlife connectivity between surrounding Wilderness and Wilderness Study Areas which encompass large blocks of intact habitat. There is one known site within the Soda Mountain Expansion that meets criteria for inclusion to the National Register of Historic Places. The site is a geoglyph which is of sacred value to Tribes.

National Historic and Scenic Trails: This unit overlaps a portion of the Old Spanish Trail.

Grazing Allotment: This unit overlaps with the Cronese Lake Allotment.

Overarching Goals: To provide connectivity between surrounding large blocks of intact wildlife habitat.

Where the CMAs in this Special Management Plan conflict with the CMAs included in of the LUPA, 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.

A portion of this area is included in the California Desert 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 the LUPA. 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.

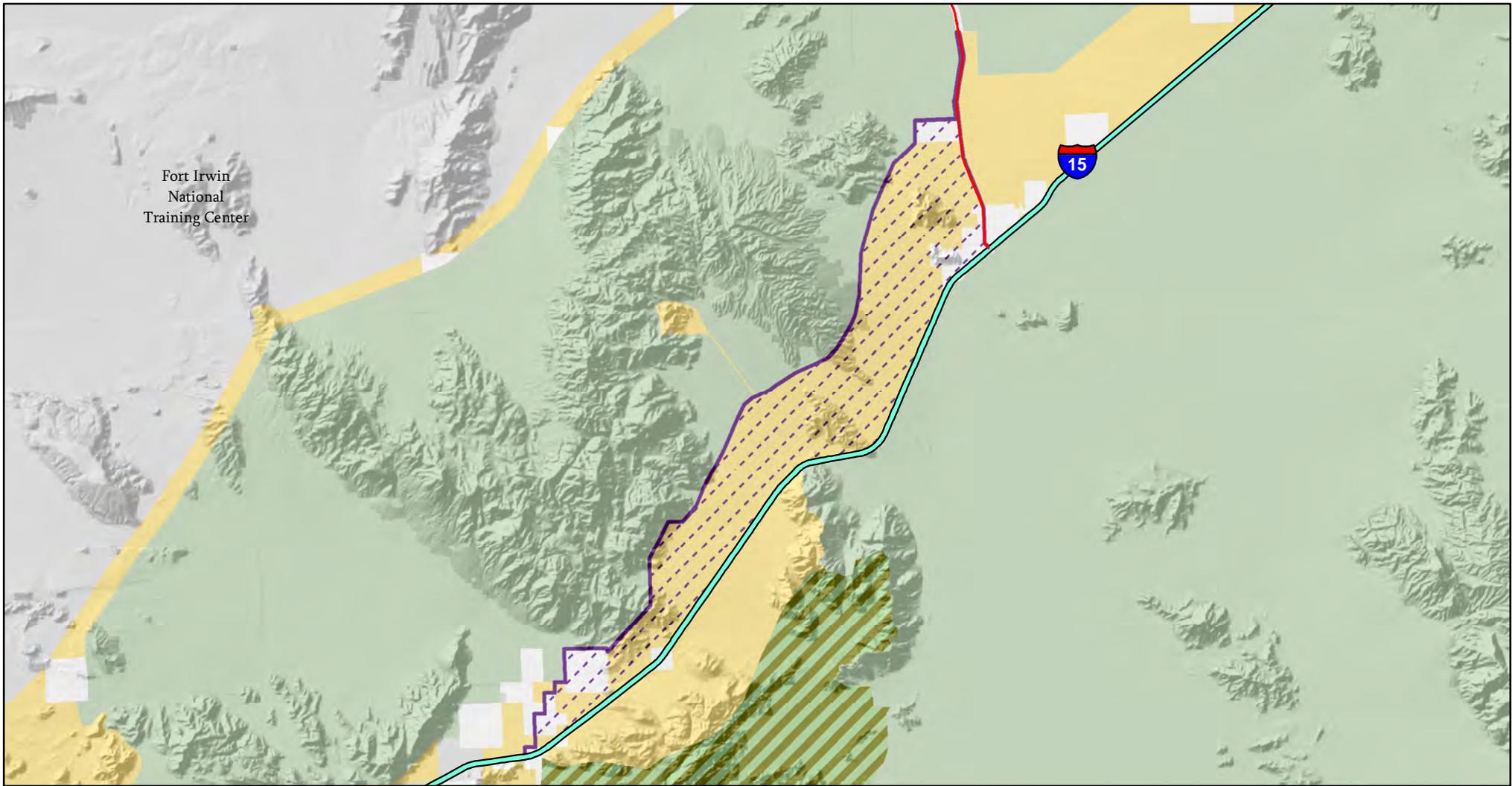
Designation and Acreage by Alternative:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
3,790	16,720	0	1%

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

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Provide for increased protection of sensitive plant species</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Initiate periodic surveys of the ACEC to locate sensitive plant populations and if any are located, take necessary precautionary measures deemed appropriate by a botanist to assure continued survival 	Vegetation - Including special status species
<p>Objective: Manage for the protection of sensitive wildlife species</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Survey for BLM sensitive species, identify current occupied and potential habitat, identify and implement actions to conserve and improve habitat conditions • Maintain unencumbered connectivity along the corridor and between surrounding habitat blocks <p>Special Status Species include: Desert bighorn sheep (<i>Ovis canadensis nelsonii</i>) Desert tortoise Golden eagle</p>	Fish and Wildlife Including special status species
<p>Objective: Protect biodiversity and manage for resilience</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Prioritize habitat enhancement in areas expected to provide for the greatest level of resiliency • 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). • Maintain migration corridor integrity by minimizing obstructions (fences, roads), disturbances (limiting access to water and shade during peak temperatures) and habitat fragmentation. <p>Objective: 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> <ul style="list-style-type: none"> • Management Actions: 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.). • Minimize carbon sequestration losses from management activities by reducing impacts to vegetation, soil structure and soil biota. 	Climate Change and Adaptation

<p>Note: This ACEC contains existing routes and trails that provide access to the Soda Mountains WSA. This access should be considered as part of the local travel management planning process.</p>	<p>Trails and Travel Management</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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>Note: This ACEC is within the Cronese Lake Allotment. This allotment has been permanently retired through the DRECP process.</p>	<p>Livestock grazing</p>



ACEC Boundaries

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

LLPA

Open OHV Areas

Land Status

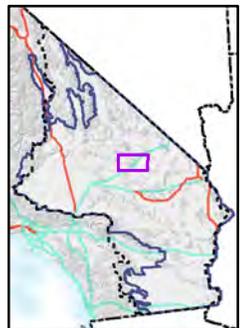
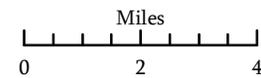
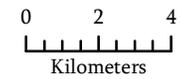
Bureau of Land Management

Department of Defense

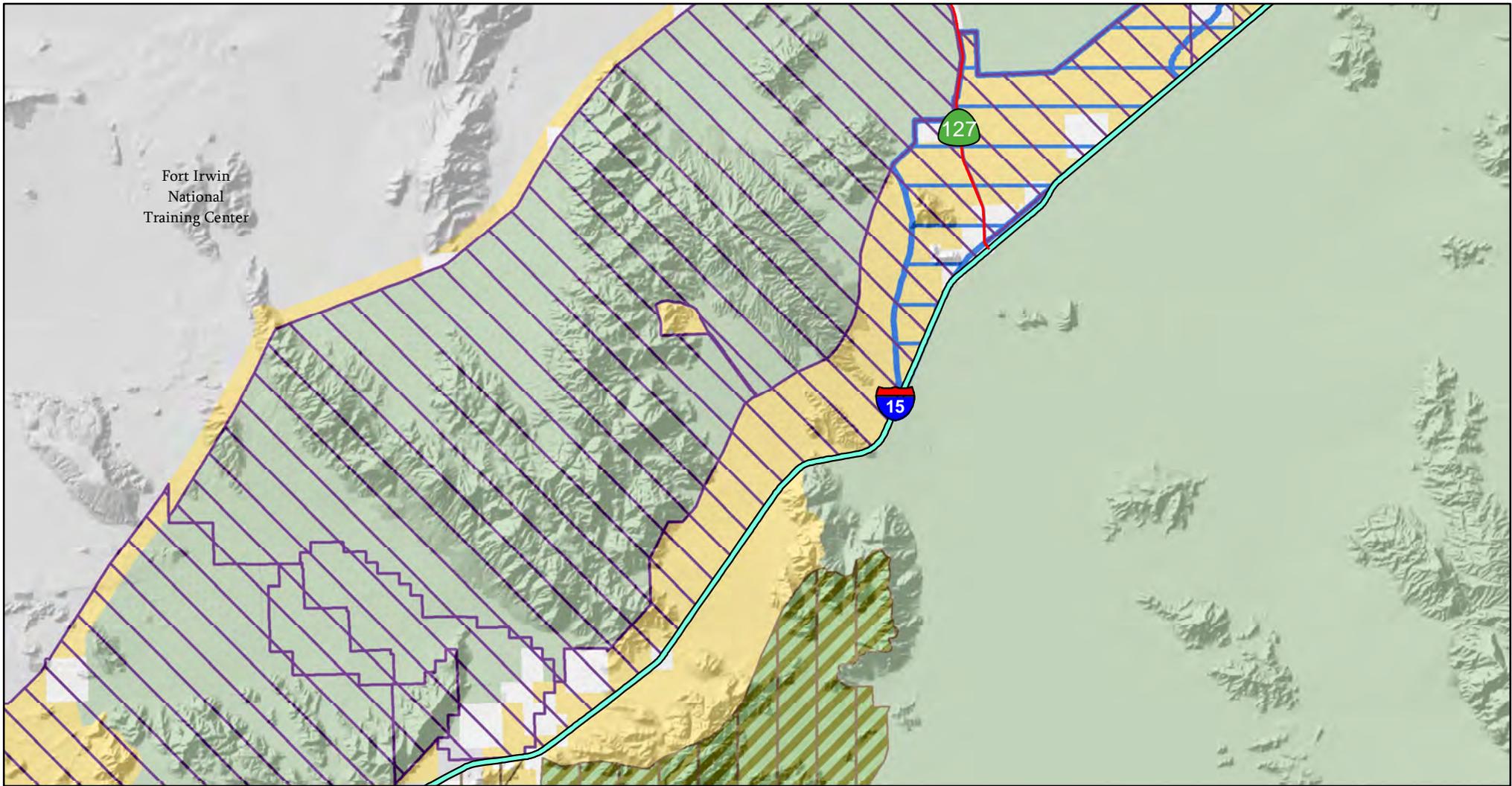
Soda Mountains Expansion ACEC

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BLM California State Office



Fort Irwin
National
Training Center

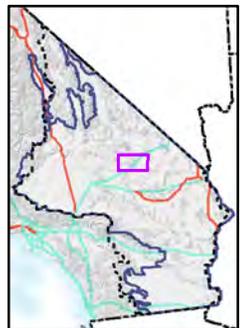
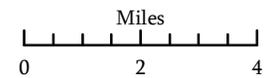
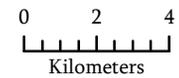


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|--------------------|---------------------------|--|-----------------------|
| | ERMA Boundaries | | DRECP Boundary |
| | SRMA Boundaries | | CDCA Boundary |
| | ACEC Boundaries | | LLPA |
| | CDNCL Boundaries | | Open OHV Areas |
| Land Status | | | |
| | Bureau of Land Management | | Department of Defense |

Soda Mountains Expansion ACEC and Surrounding BLM Designations

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Soda Mountains Wilderness Study Area

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: Located 3 miles west of Baker, California in San Bernardino County between a major transmission line and Interstate 15.

Nationally Significant Values: WSA designations are automatically included.

Special Designations/Management Plan/Date: WSA; Public Law 103-433; October 31, 1994

Relevance and Importance Criteria: Relevant and important resource values include prehistoric and historic cultural resources associated with various indigenous and early European occupation periods. The Soda Mountains also provide important connectivity between large habitat blocks. This area provides important wildlife and plant habitat and connectivity across the broader landscape.

National Historic and Scenic Trails: This unit overlaps a portion of the Old Spanish Trail.

Grazing Allotment: This unit overlaps with the Cronese Lake Allotment. The Cronese Lake Allotment has been permanently retired thru the DRECP process.

Overarching Goals: Provide for the protection of cultural resources and landscape connectivity while providing for compatible public uses.

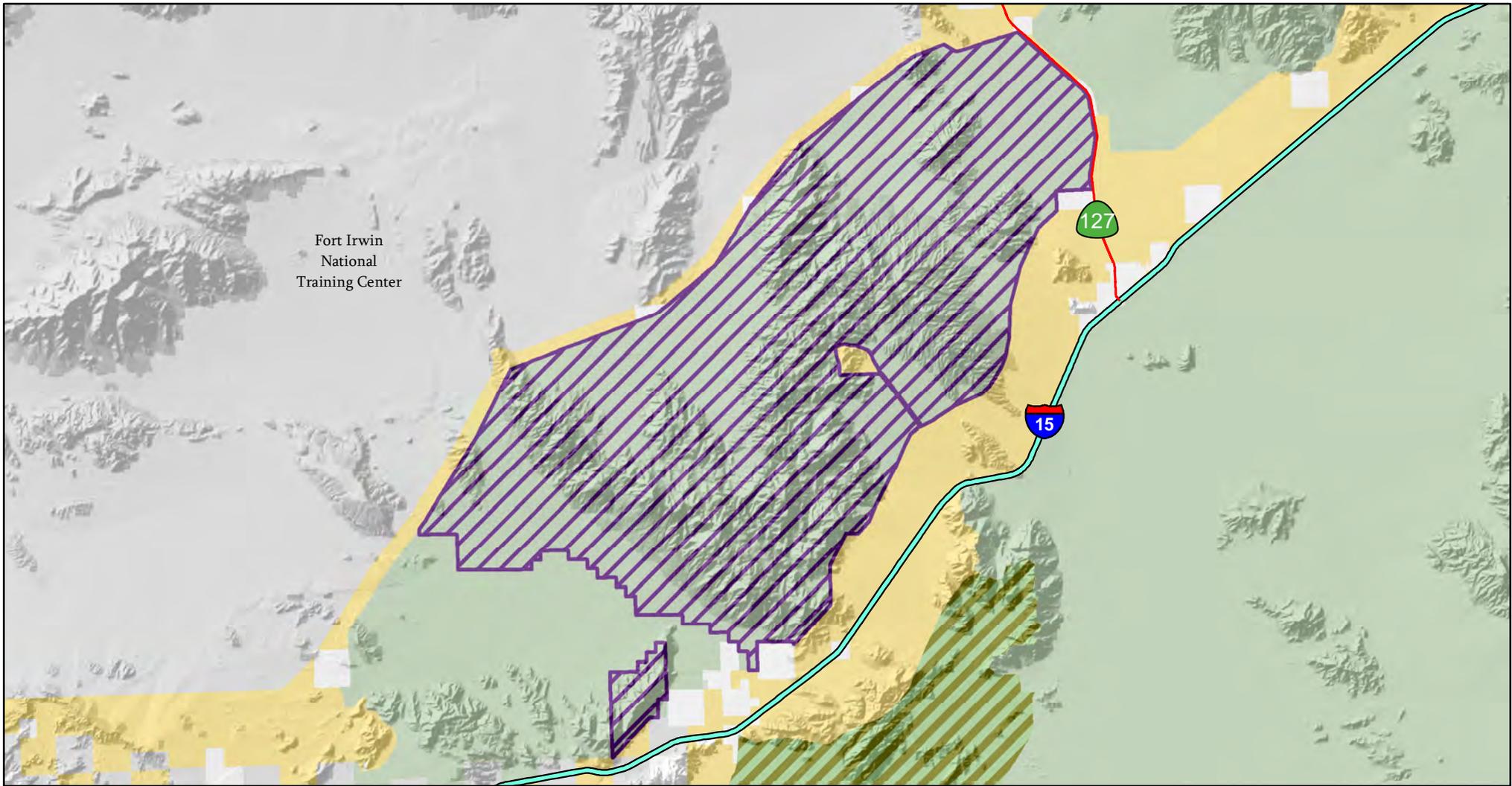
Manage in accordance with the CMAs contained in the LUPA. Appropriate multiple uses will be allowed provided they are consistent with the CMAs in the LUPA and compatible with the purposes for which the ACEC was designated.

Designation and Acreage by Alternative:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
0	88,780	0	0.25%

* Acreage values are for BLM managed lands

Objectives (desired future condition)/Allowable Uses/Management Actions	Resource
There are no additional resource specific management actions.	N/A



ACEC Boundaries

0.25% Disturbance Cap

DRECP Boundary

CDCA Boundary

LLPA

Open OHV Areas

Land Status

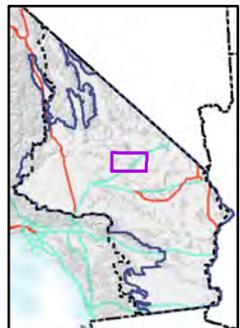
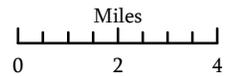
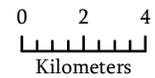
Bureau of Land Management

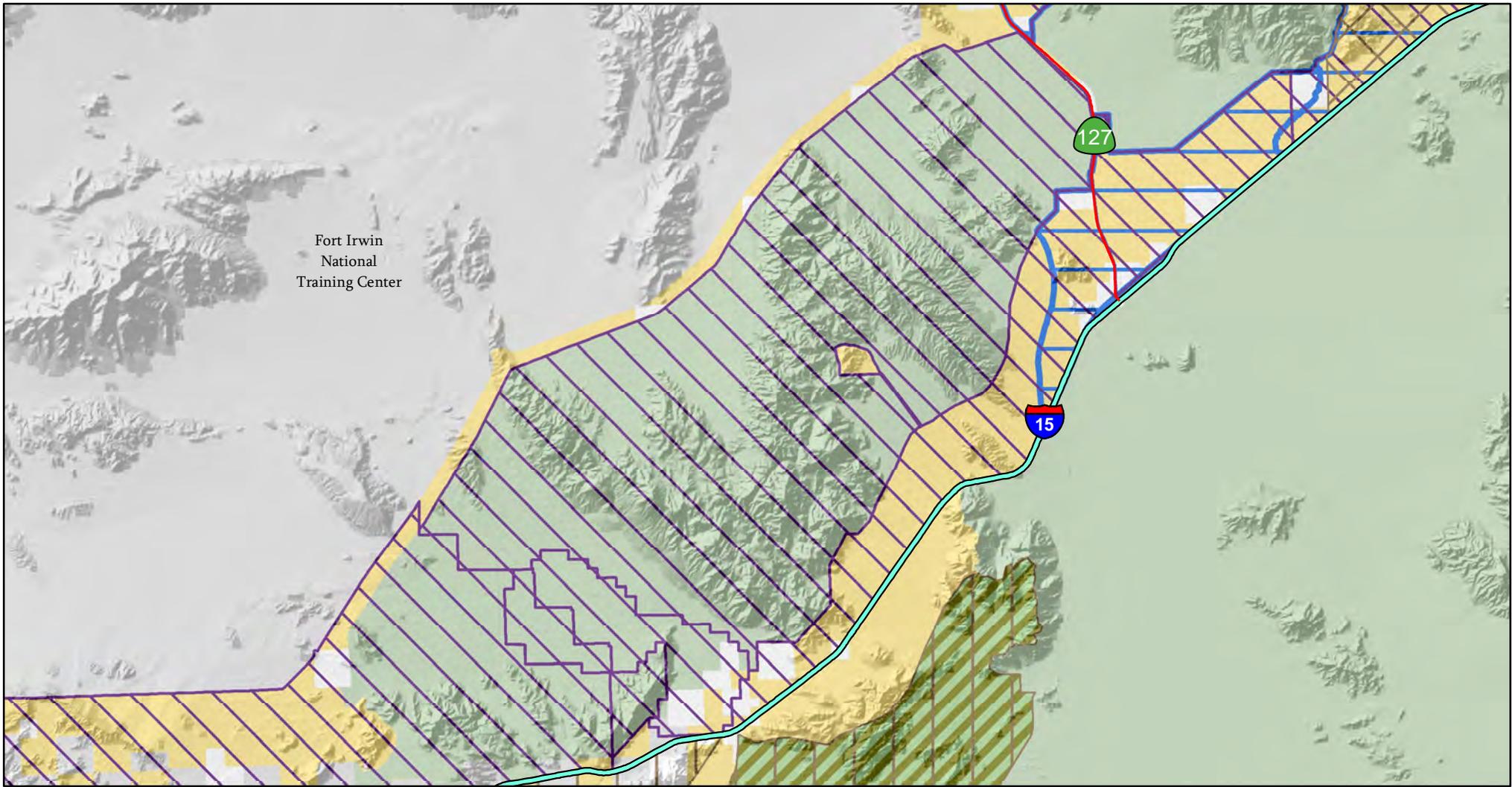
Department of Defense

Soda Mountains WSA ACEC

7/21/2016

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National
Training Center

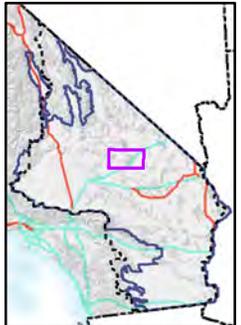
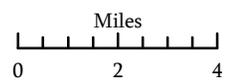
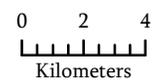
-  ERMA Boundaries
-  SRMA Boundaries
-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
-  Open OHV Areas

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

Soda Mountains WSA ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Steam Well

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley.

Description/Location: Located at the south end of the Lava Mountains in San Bernardino County, approximately 5.5 miles east/northeast of Johannesburg. The ACEC lies within the Golden Valley Wilderness in San Bernardino County

Nationally Significant Values: Not designation as NCL.

Special Designations/Management Plan/Date: Original ACEC Designation, CDCA Plan 1980; Steam Well ACEC Management Plan 09/1982 (CA-06-ACEC-25); West Mojave Plan added Mohave Ground Squirrel Conservation Area 01/2005 (D.1.24)

Recreation Area: This unit overlaps with the Red Mountain SRMA.

Grazing Allotment: This unit overlaps with the Cantil Common Allotment.

Relevance and Importance Criteria: This area was designated for significant prehistoric cultural resources. The area consists of three petroglyph sites that have been listed on the National Register of Historic Places as the Steam Well Petroglyph Site. Approximately 250 rock art elements have been identified, including those identified as curvilinear and rectilinear Great Basin Pecked style, early Coso Style sheep elements, and various other design elements of the Mojave Desert. Prehistoric artifacts associated with habitation have also been identified around the petroglyphs. This ACEC is also within the Mohave Ground Squirrel Conservation Area and is excellent habitat for this and other BLM special status species.

Overarching Goal: Protect environmental and cultural resources while providing for other resource uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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.

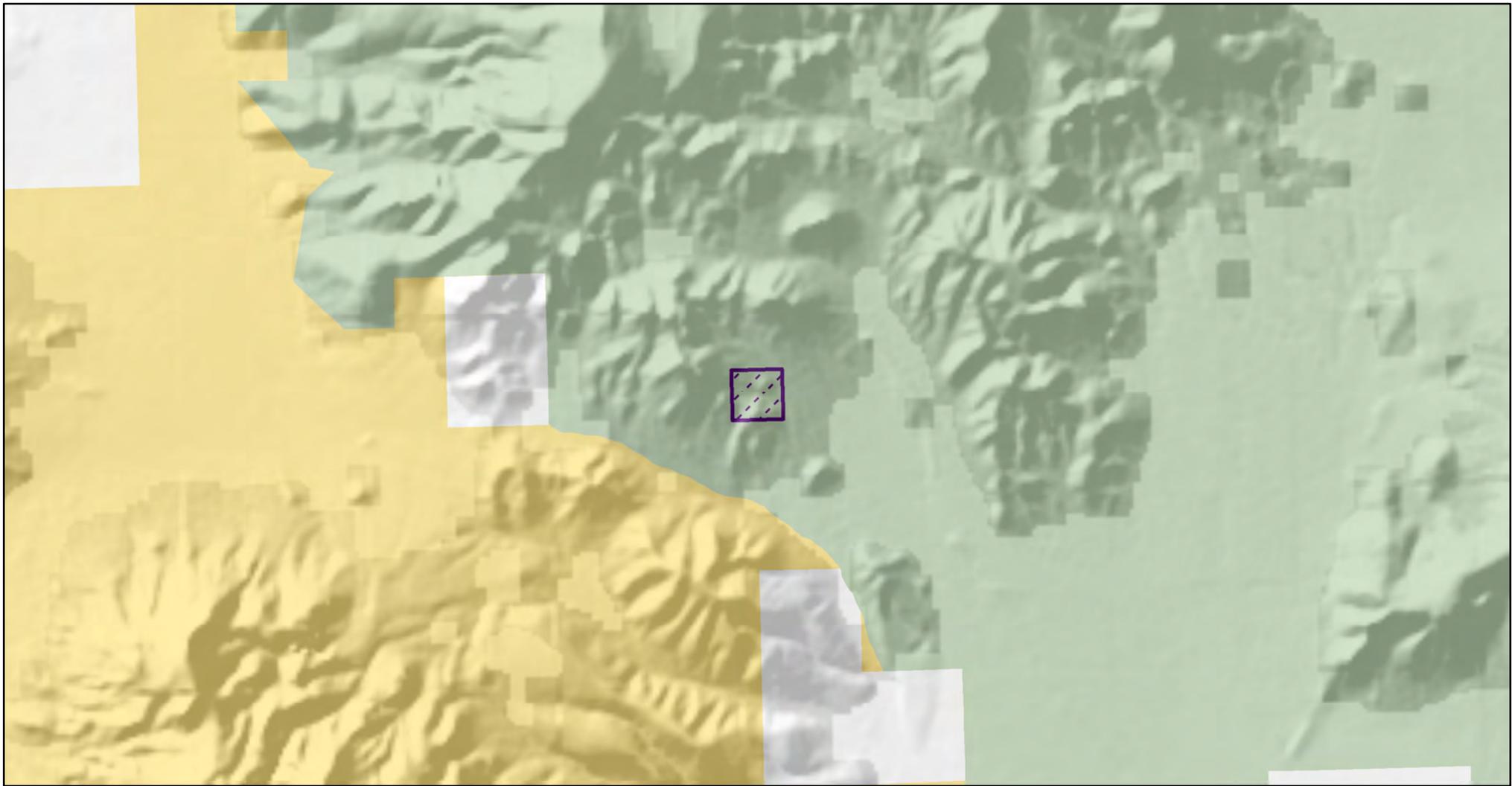
Designation and Acreage by Alternative:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
0	40	0	1%

* Acreage values are for BLM managed lands

Objectives (desired future condition)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect and enhance habitat to maintain stable or increasing population trends of special status species to ensure persistence.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Restore habitat as needed <p>Special Status Species include: Mohave ground squirrel American Badger (<i>Taxidea taxus</i>) State Special Animal Desert Tortoise (<i>Gopherus agassizii</i>) Federally and State threatened BLM sensitive Golden Eagle (<i>Aquila chrysaetos</i>) BLM sensitive, Bald and Golden Eagle P. Act Prairie Falcon (<i>Falco mexicanus</i>) USFWS Bird of Conservation Concern Burrowing Owl (<i>Athene cunicularia</i>) BLM Sensitive Le Conte’s Thrasher (<i>Toxostoma lecontei</i>) State Species of Special Concern Loggerhead Shrike (<i>Lanius ludovicianus</i>) State Species of Special Concern</p>	<p>Fish and Wildlife (incl. special status species)</p>
<p>Objective: Protect and preserve the Steam Well Petroglyphs Site.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Map and inventory petroglyphs and cultural resources. • Fence off petroglyphs only as needed. <p>Objective: Educate the public regarding cultural resources.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Develop interpretive program. • Post and maintain interpretive signs <p>Objective: Maintain visual integrity of the ACEC.</p> <ul style="list-style-type: none"> • Management Action: • Minimize routes through the ACEC with the minimal use of fencing as needed. <p>See programmatic ACEC cultural resources objective and action items in general cultural resources rules.</p>	<p>Cultural Resources</p>

<p>Objective: Limit vehicles to designated routes and prevent user-created routes from developing.</p> <p>Allowable Uses: Non-mechanized travel such as horse back and foot.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Sign designated routes routinely • Restore undesigned motorcycle routes • Maintain hiking trail 	<p>Trails and Travel Management</p>
<p>Objective: Allow public recreation in a safe manner</p> <p>Allowable uses: All forms of casual and permitted recreational uses are allowed including but not limited to dispersed camping, hunting, photography, picnicking, astronomy/star gazing, nature study and viewing.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Prohibit shooting • Sign and fence off safety hazards – mine shaft and two abandoned wells • Interpretive signs should be installed and maintained. • Increase compliance with protection of resources. 	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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>



ACEC Boundaries

1% Disturbance Cap

DRECP Boundary

CDCA Boundary

LLPA

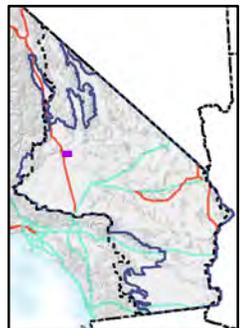
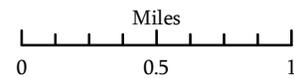
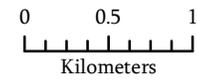
Land Status

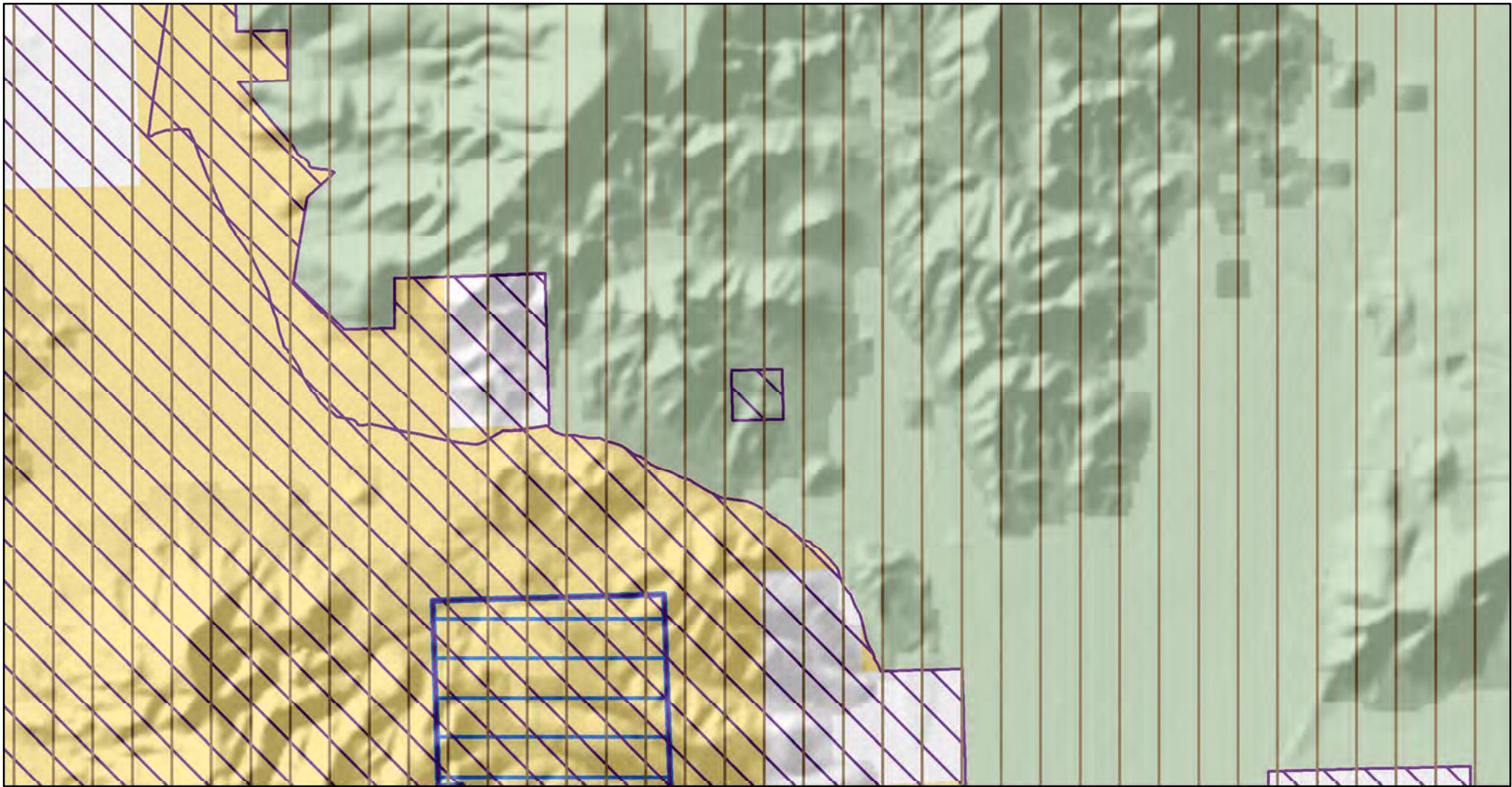
Bureau of Land Management

Steam Well ACEC

7/21/2016

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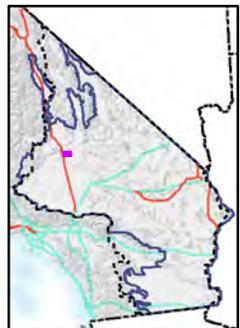
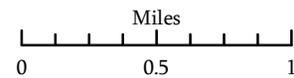
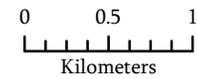


-  SRMA Boundaries
 -  ACEC Boundaries
 -  CDNCL Boundaries
 -  DRECP Boundary
 -  CDCA Boundary
 -  LLPA
- Land Status**
-  Bureau of Land Management

Steam Well ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Superior-Cronese

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: The boundaries of this unit correspond to the general boundaries identified by the Desert Tortoise (Mojave Population) Recovery Plan (Recovery Plan) and consists of 1003 square miles.

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.

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.

National Historic and Scenic Trails: This unit overlaps a portion of the Old Spanish Trail.

Recreation Area: This unit overlaps with the Red Mountain and Superior/Rainbow SRMAs.

Grazing Allotment: This unit overlaps with the Cronese Lake, Harper Lake, and Stoddard Mountain allotments.

Lands with Wilderness Characteristics: This unit contains 11,704 acres of lands that would be managed to protect wilderness character. The CMAs for lands managed to protect wilderness character would also apply in those areas.

Overarching Goals: Tortoise areas are 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 with the CMAs included in the LUPA, 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.

Part of this area is included in the California Desert 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 the LUPA. 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.

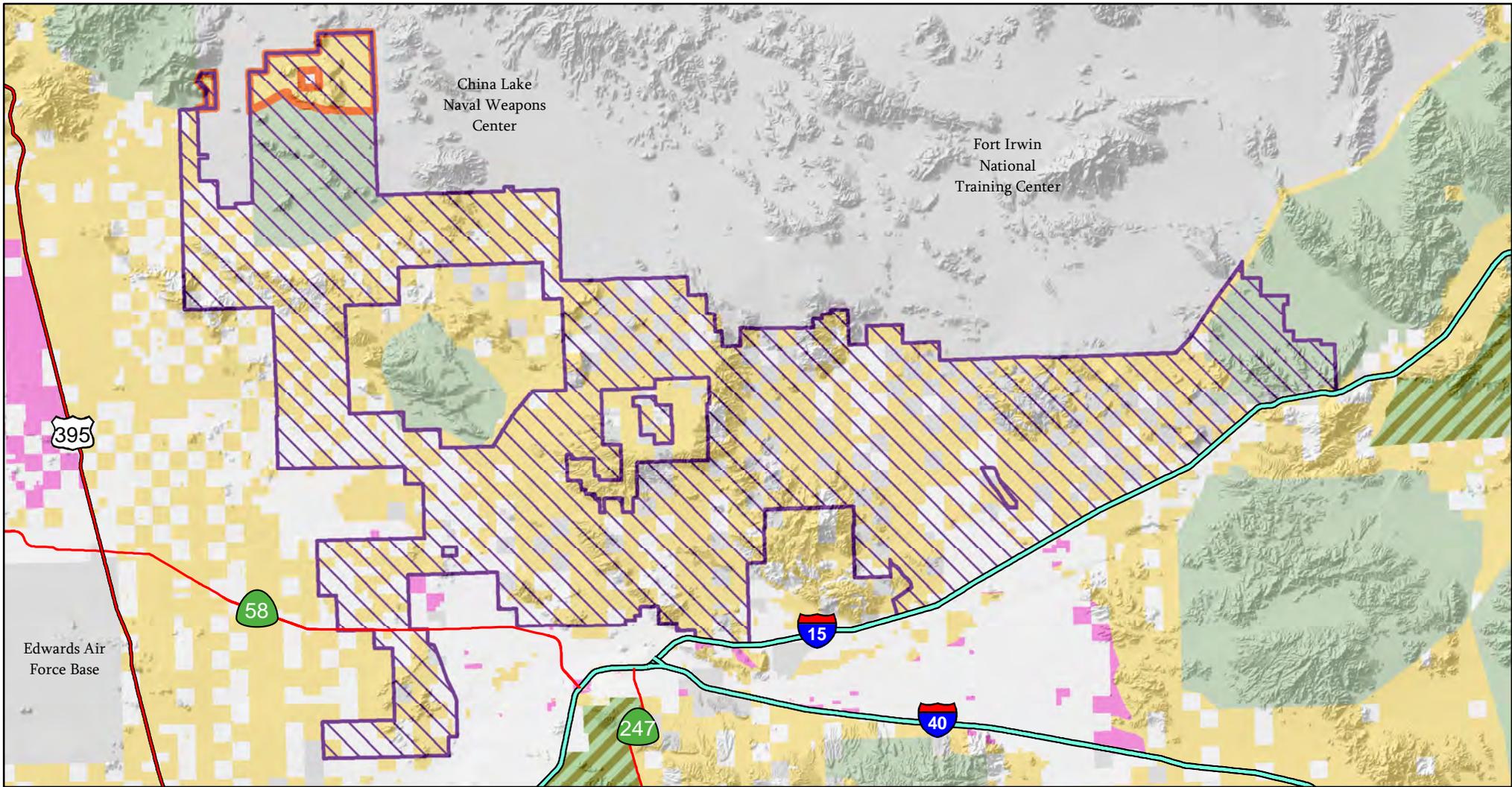
Designation and Acreage by Alternative:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
16,410	330,670	0	0.5%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect all known populations of Barstow Woolly Sunflower by excluding vehicular use and grazing</p> <p>Allowable Uses: Commercial vegetation harvest prohibited</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Initiate surveys of surrounding areas <p>Objective: Education public about vegetation values</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Install interpretive signs 	Vegetation – Including special status species
<p>Objective: Maintain or improve condition of Desert Tortoise habitat</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Maintain viable populations and connections between other conservation areas <p>Objective: Monitor long-term trends in desert tortoise populations</p> <p>Management Action:</p> <ul style="list-style-type: none"> • A line distance sampling (or other scientifically credible method, if distance sampling proves ineffective) would be implemented in the Ord-Rodman ACEC 	Fish and Wildlife Including special status species
<p>Objective: Provide for General Management and Protection of Paleontological Resources</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Manage and protect fossil resources consistent with the Paleontological Resources Preservation Act • Develop plans for the inventory, monitoring, and scientific and educational use of paleontological resources as needed 	Paleontology

<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic is limited to designated roads and trails</p>	<p>Trails and Travel Management</p>
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert 	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • 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>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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>Note: A part of this ACEC is within the Harper Lake and Cronese grazing allotments. These allotments were permanently closed to livestock grazing through the DRECP process.</p>	<p>Livestock grazing</p>



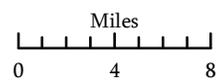
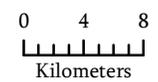
-  NDAA China Lake Expansion
- ACEC Boundaries**
-  0.5% Disturbance Cap
- Renewable Footprint**
-  DFA

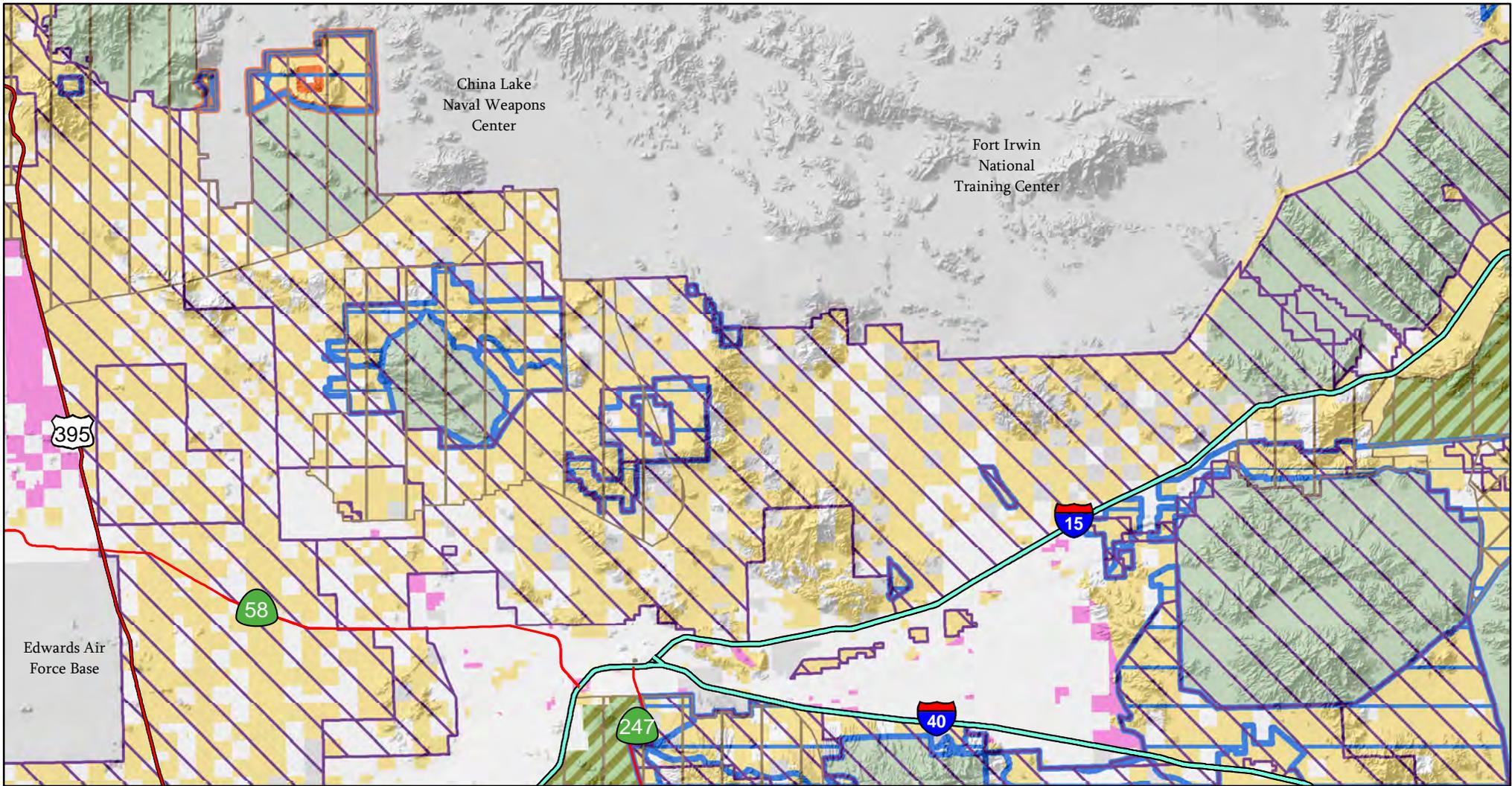
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
-  Open OHV Areas
- Land Status**
-  Bureau of Land Management
-  Department of Defense

Superior-Cronese ACEC

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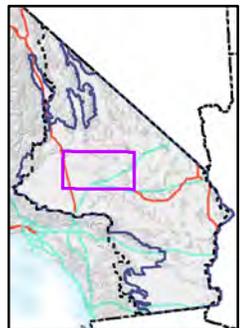
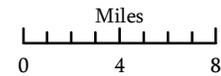
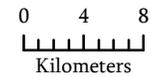


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| ERMA Boundaries | DRECP Boundary |
| SRMA Boundaries | CDCA Boundary |
| ACEC Boundaries | LLPA |
| CDNCL Boundaries | Open OHV Areas |
| NDAA China Lake Expansion | Land Status |
| Renewable Footprint | Bureau of Land Management |
| DFA | Department of Defense |

Superior-Cronese ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



West Paradise

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley

Description/Location: West Paradise consists of 1,243 acres and lies entirely within the Superior-Cronese ACEC and adjoins the military lands of the Fort Irwin National Training Center near Lane Mountain.

Nationally Significant Values:

Ecological: Established to protect the extremely narrowly endemic, Federally endangered Lane Mountain Milkvetch and Barstow Woolly-sunflower (BLM Sensitive Species).

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

Relevance and Importance Criteria: Established to protect the extremely narrowly endemic Lane Mountain Milkvetch. The area also provides important wildlife connectivity.

Overarching Goals: Provide reserve level management for the conservation of Lane Mountain Milkvetch, desert tortoise, and Mojave ground squirrel.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, 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.

This area is included in the California Desert 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 the LUPA. 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.

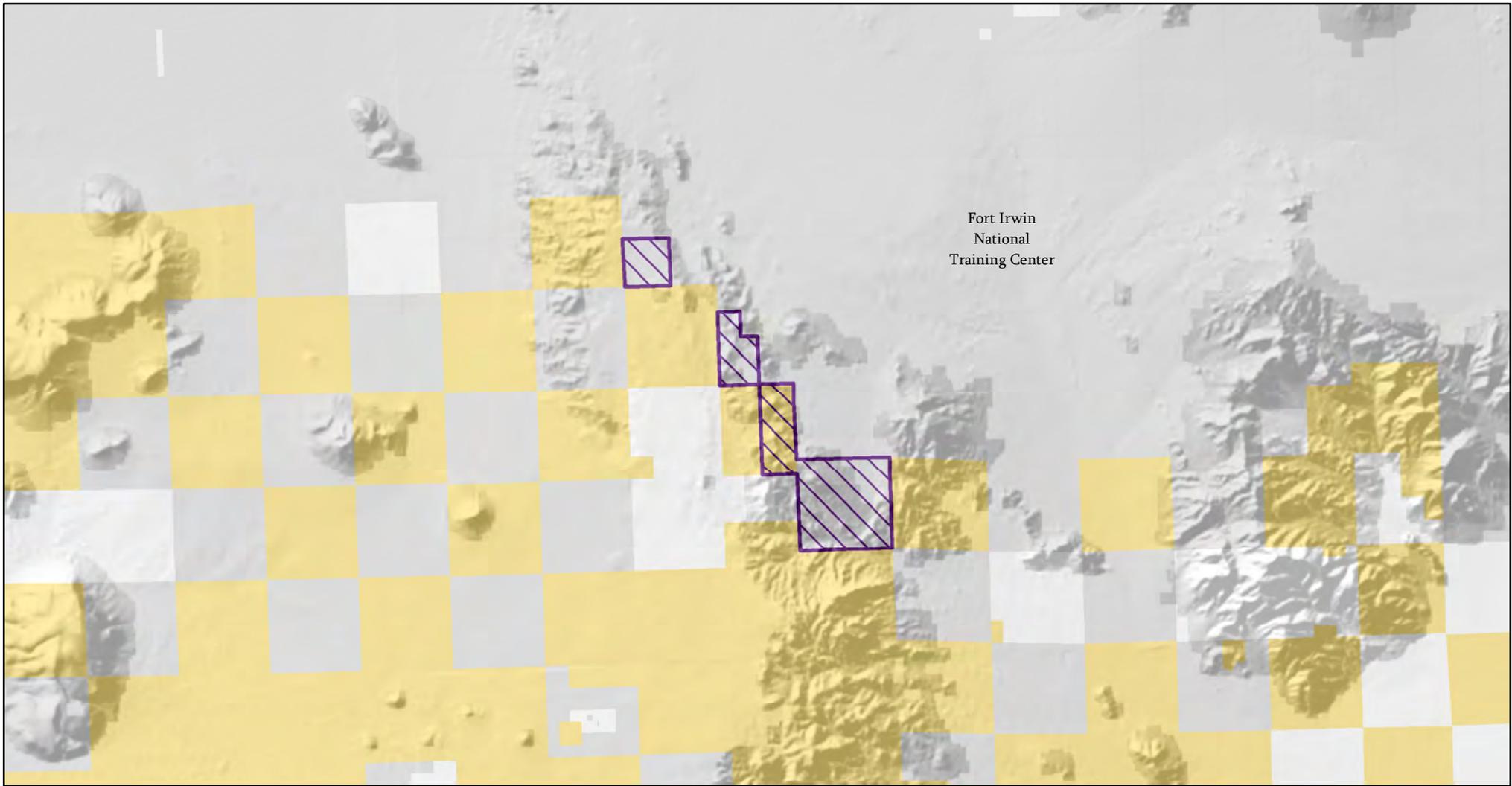
Designation and Acreage by Alternative:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
240	240	0	0.5%

* Acreage values are for BLM managed lands

Objectives (desired future condition)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect and enhance Lane Mountain milkvetch (<i>Astragalus jaegerianus</i>) habitat and populations</p> <p>Management Action:</p> <ul style="list-style-type: none"> Acquire occupied habitat on private lands <p>Note: A new conservation area would be established for Lane Mountain milkvetch if a significant population were located outside the existing conservation areas</p>	Vegetation – Including special status species
<p>Objective: Maintain or improve condition of habitat for sensitive wildlife species</p> <p>Special Status Species include:</p> <p>Desert tortoise Mojave ground squirrel</p>	Fish and Wildlife (incl. special status species)
<p>Objective: Protect sensitive habitat from vehicle impacts</p> <p>Allowable Uses: All vehicle use is limited use— existing designated routes only, no new routes</p> <p>Management Action:</p> <ul style="list-style-type: none"> Fencing of the approved routes would be installed as necessary, with signs advising the public that the area is closed to vehicle travel because of endangered species conservation 	Trails and Travel Management
<p>Objective: provide dispersed opportunities focusing on enjoyment of the ACEC attributes</p> <p>Allowable Uses: Dispersed camping</p>	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> Acquire inholdings, edgeholdings and other interests from willing sellers. 	Land Tenure

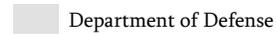
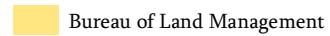
<p>Objective: Protect resource values of the ACEC</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. • No land use authorizations shall be issued which allow impacts to Lane Mountain milkvetch (projects would have to be relocated). 	<p>Rights of Way (ROW)</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>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 sensitive habitat from impacts associated with mineral development</p> <p>Allowable Uses: no surface occupancy</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Claimholders should be notified of the presence of endangered plants • Restrictions on casual use that involves ground disturbance within the Conservation Area would be developed as necessary 	<p>Locatable Minerals Mineral Materials Non-energy Leasables</p>



ACEC Boundaries



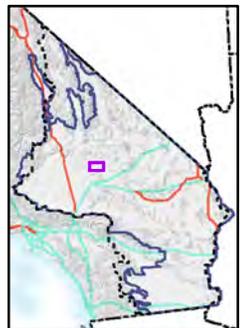
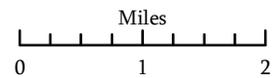
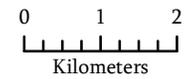
Land Status

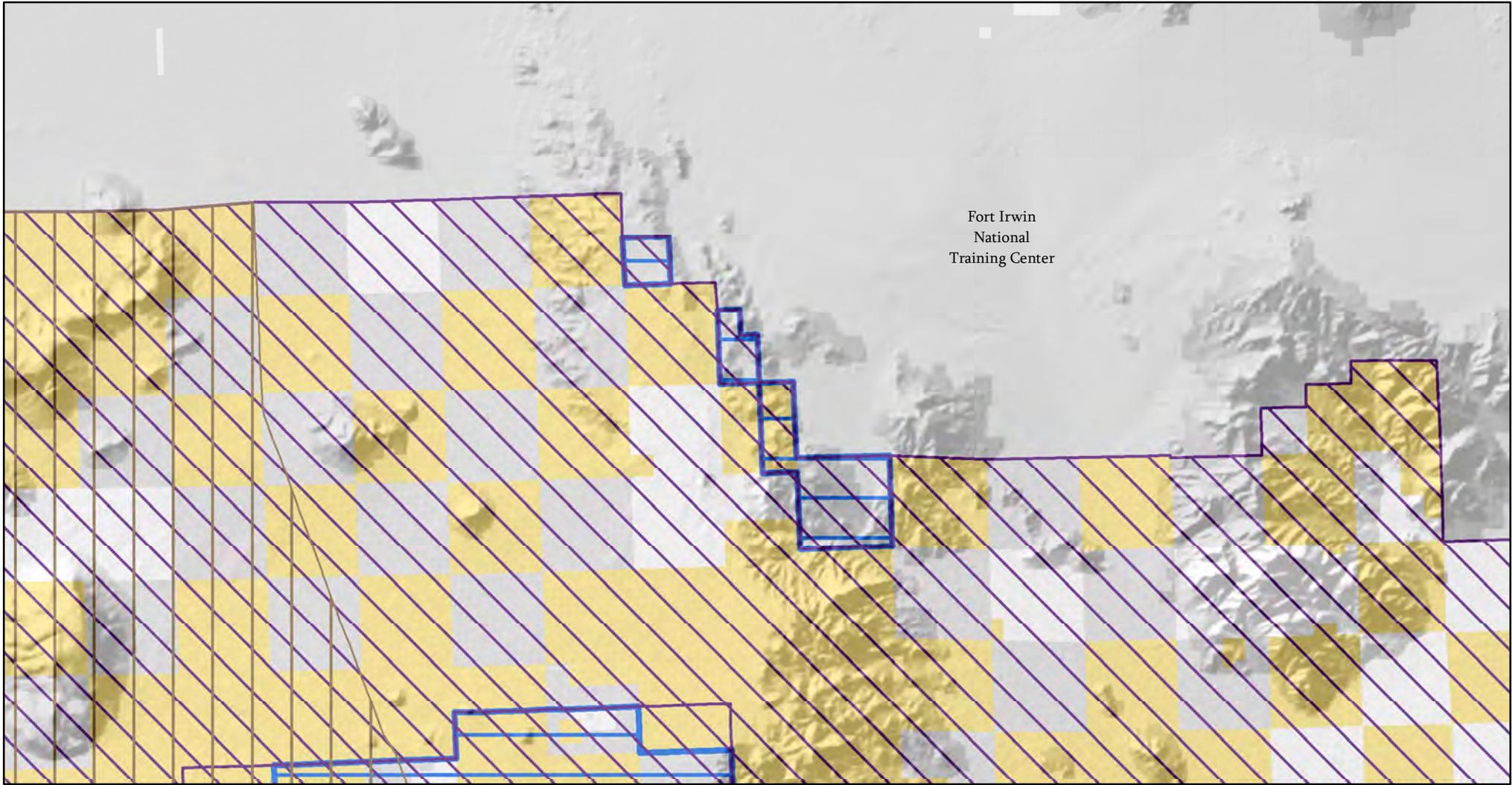


West Paradise ACEC

7/21/2016

BLM California State Office





Fort Irwin
National
Training Center

- | | | | |
|--|------------------|--------------------|---------------------------|
| | SRMA Boundaries | | DRECP Boundary |
| | ACEC Boundaries | | CDCA Boundary |
| | CDNCL Boundaries | Land Status | |
| | | | Bureau of Land Management |
| | | | Department of Defense |

West Paradise ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office

