

North Algodones Dunes National Natural Landmark (NNL)

Description/Location: A portion of the Imperial Sand Dunes, this unit is bordered to the south by Highway 78, on the west by the Coachella Canal, on the east by the Southern Pacific Railroad and the Niland /Glamis Road, and on the north by Mammoth Wash, and almost entirely overlaps designated wilderness.

Nationally Significant Values:

Ecological: This outstanding dune ecosystem and its endemic dune plants and invertebrate species set this site apart globally. It is one of the best and largest dune systems in the United States.

Special Designations/Management Plan/Date: ACEC Plan No. 95, 1989

Relevance and Importance Criteria: Relevant biological and geologic resources. This outstanding dune ecosystem and its endemic dune plants and invertebrate species set this site apart globally. Dozens of insect species are found only in the Algodones Dunes. The area is an important wintering area for raptors and a haven for neotropical migratory birds crossing the Sonoran Desert.

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

For NLCS Lands -- Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

Designation and Acreage by Alternative:

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	25,7000	0	NA
Preferred Alternative	100	25,700	0	1%
1	0	25,700	0	1%
2	25,700**	25,700	0	1%
3	100	25,700	0	1%
4	100	25,700	0	1%

* Acreage values are for BLM managed lands

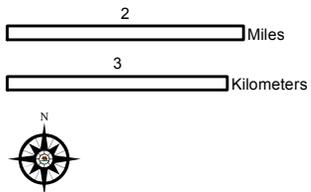
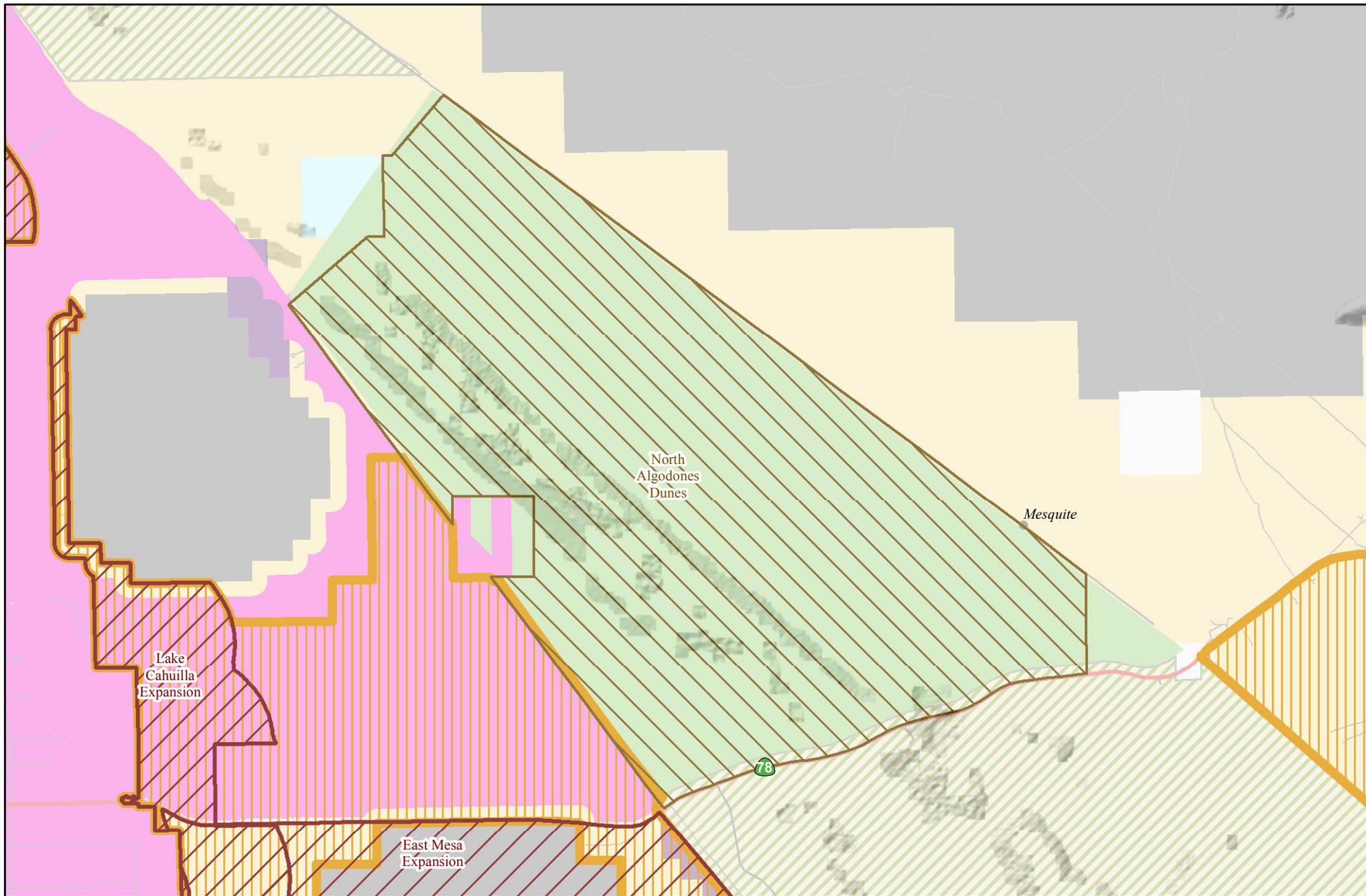
** Includes overlap of existing designated Wilderness

Alternatives –

All Alternatives – this existing ACEC would continue to be managed as it currently is. North Algodones Dunes overlaps designated wilderness. While the Bureau in general proposes to remove dual designations, for this particular set, the dual designation will remain.

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain diverse and representative plant species and associations Management Action: Monitor and protect populations and their habitats of the following rare plant species: Peirson’s Milk-Vetch (<i>Astragalus magdalенаe</i> var. <i>peirsonii</i>) Wiggins’ Croton (<i>Croton wigginsii</i>) Ribbed Cryptantha (<i>Cryptantha costata</i>) Algodones Dunes Sunflower (<i>Helianthus niveus</i> spp. <i>tephrodes</i>) Slender Cottonheads (<i>Nemacaulis denudata</i> var. <i>gracilis</i>) Giant Spanish-Needles (<i>Palafoxia arida</i> var. <i>gigantea</i>) Sand Food (<i>Pholisma sonora</i>)</p>	Vegetation (incl. special status species)
<p>Objective: Maintain diverse and representative animal species Management Action: Monitor , as needed, endemic wildlife species and protect the respective habitat of: Insects <i>Microbembex elegans</i>, <i>Stictiella villegasi</i>, <i>Perdita algodones</i>, <i>Perdita glamis</i>, <i>Dasymutilla nocturna</i>, <i>Dasymutilla imperialis</i>, <i>Sphaeropthalma django</i>, Algodones sand jewel beetle (<i>Lepismadora algodones</i>) , Algodones white wax jewel beetle (<i>Prasinolia imperialis</i>), Algodones croton jewel beetle (<i>Agrilus harenus</i>), Roth’s dune weevil (<i>Trigonoscutea rothi</i>), Carson’s Dune Beetle (<i>Anomala carlsoni</i>), Hardy’s dune Beetle (<i>Anomala hardyorum</i>), Andrews’ dune scarab beetle (<i>Pseudocotalpa andrewsi</i>), <i>Cyclocephala wandae</i>, etc. Vertebrates Burrowing Owl (<i>Athene cunicularia</i>) – BLM Sensitive Crissal Thrasher (<i>Toxostoma crissale</i>) – BLM Sensitive LeConte’s Thrasher (<i>Toxostoma lecontei</i>) Loggerhead Shrike (<i>Lanius ludovicianus</i>) Flat-tailed Horned Lizard (<i>Phrynosoma mcallii</i>) – BLM Sensitive Colorado Desert Fringe-toed Lizard (<i>Uma notata</i>) – BLM Sensitive</p>	Fish and Wildlife (incl. special status species)
<p>Objective: Protect and monitor cultural resources. Allocation: No OHV use within one mile of cultural resources except on allowed roads. Management Action 1: Perform route restoration to erase illegal routes.</p>	Cultural Resources
<p>Objective: Protect characteristic landscape of the conservation lands and ACEC. Management Actions: Avoid impacts to characteristic landscape by managing to appropriate VRM class. Apply visual mitigation techniques.</p>	Visual Resources
<p>Management Action: Maintain and aggressively enforce motor vehicle closure</p>	Trails and Travel Management
<p>Management Action: Enhance non-motorized recreation opportunities by developing maps of trails, animal and plant lists, watchable wildlife stations, etc.</p>	Recreation
<p>Closed to all renewable energy. Closed to Geothermal leasing and development</p>	Renewable Energy

North Algodones Dunes



Preferred Alternative ACECs

Date Printed: 5/29/2013
Prepared by BLM California State Office



ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

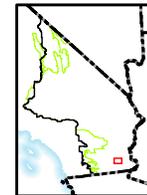
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

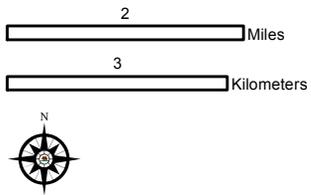
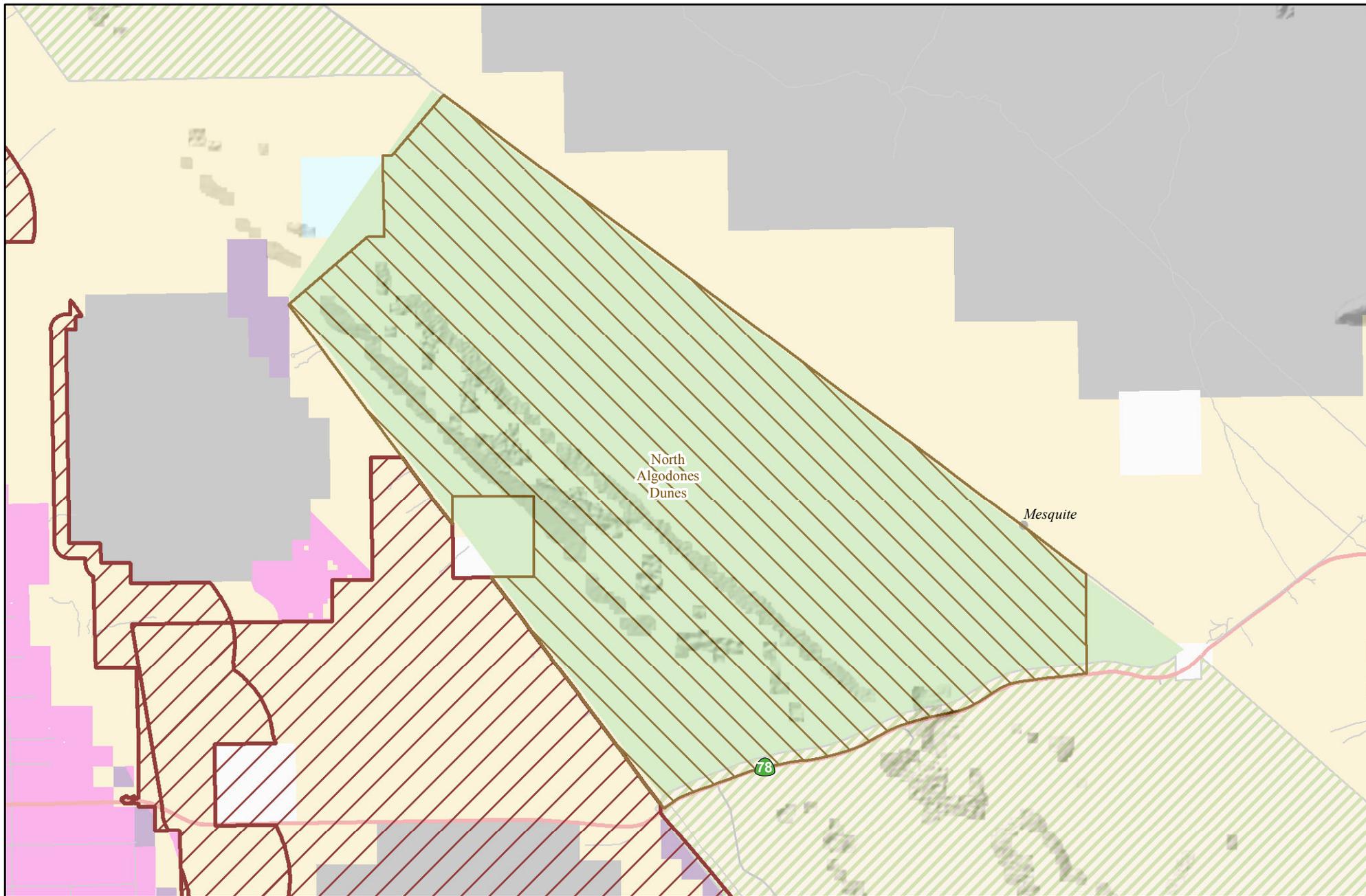
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



North Algodones Dunes



Alternative 1 ACECs
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 Prepared by BLM California State Office



ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

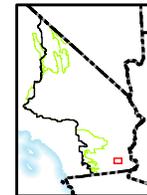
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

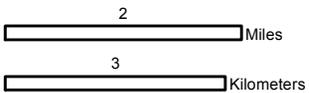
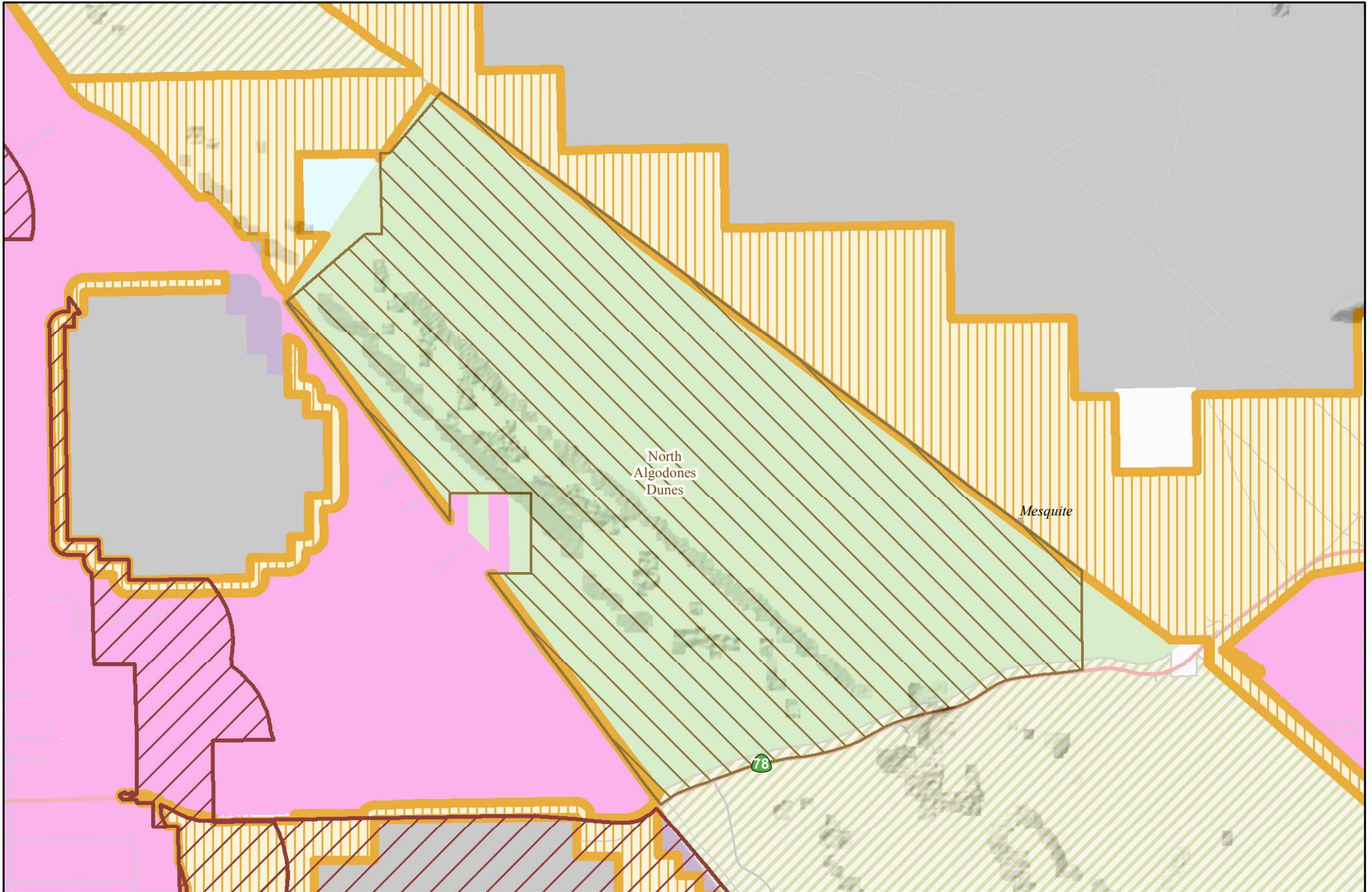
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



North Algodones Dunes



Alternative 2 ACECs

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Prepared by BLM California State Office



ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

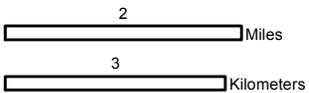
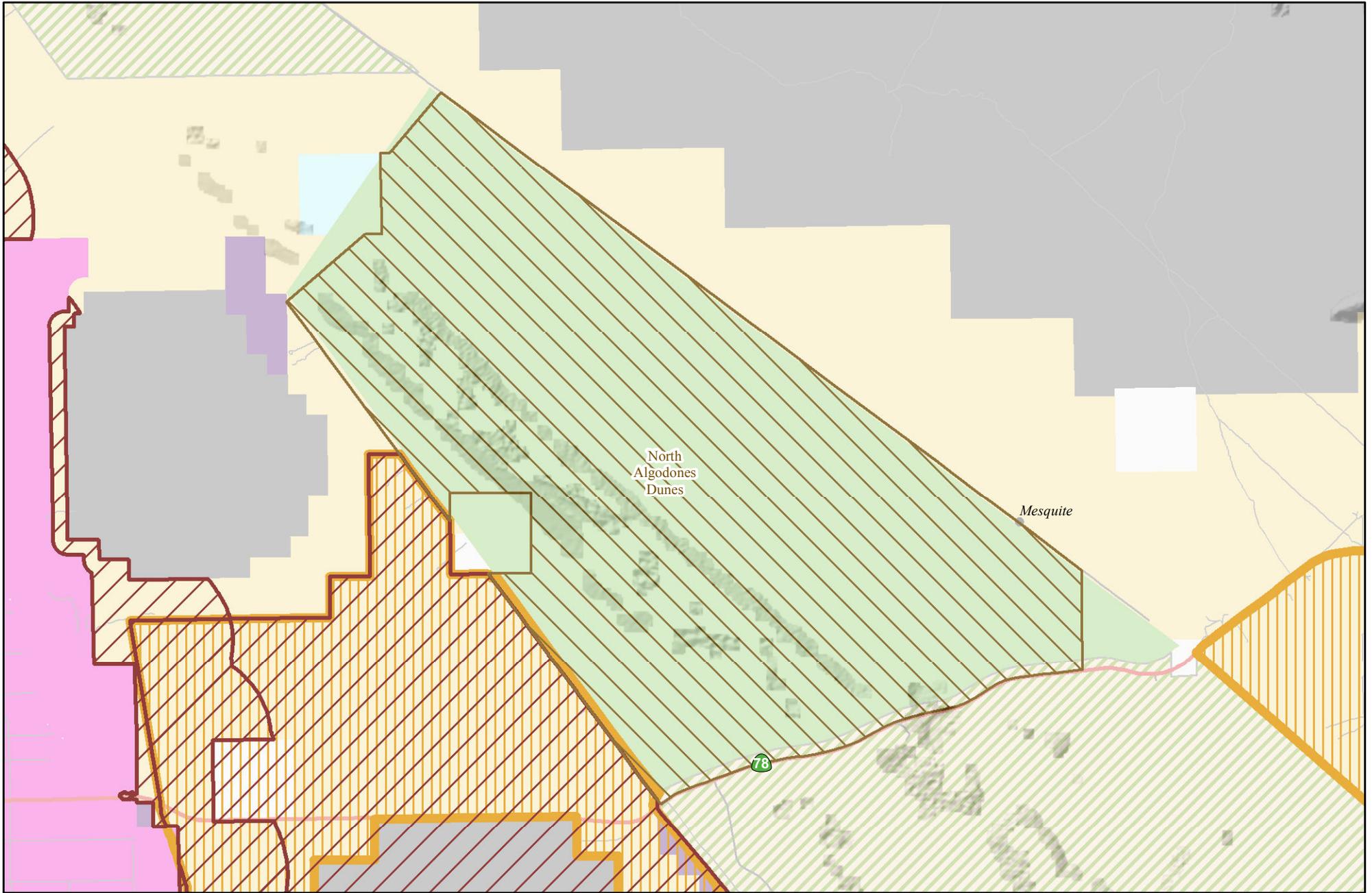
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



North Algodones Dunes



Alternative 3 ACECs

Date Printed: 5/29/2013
Prepared by BLM California State Office



ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

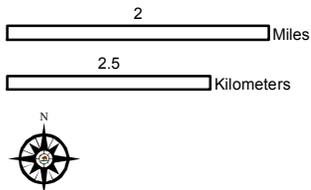
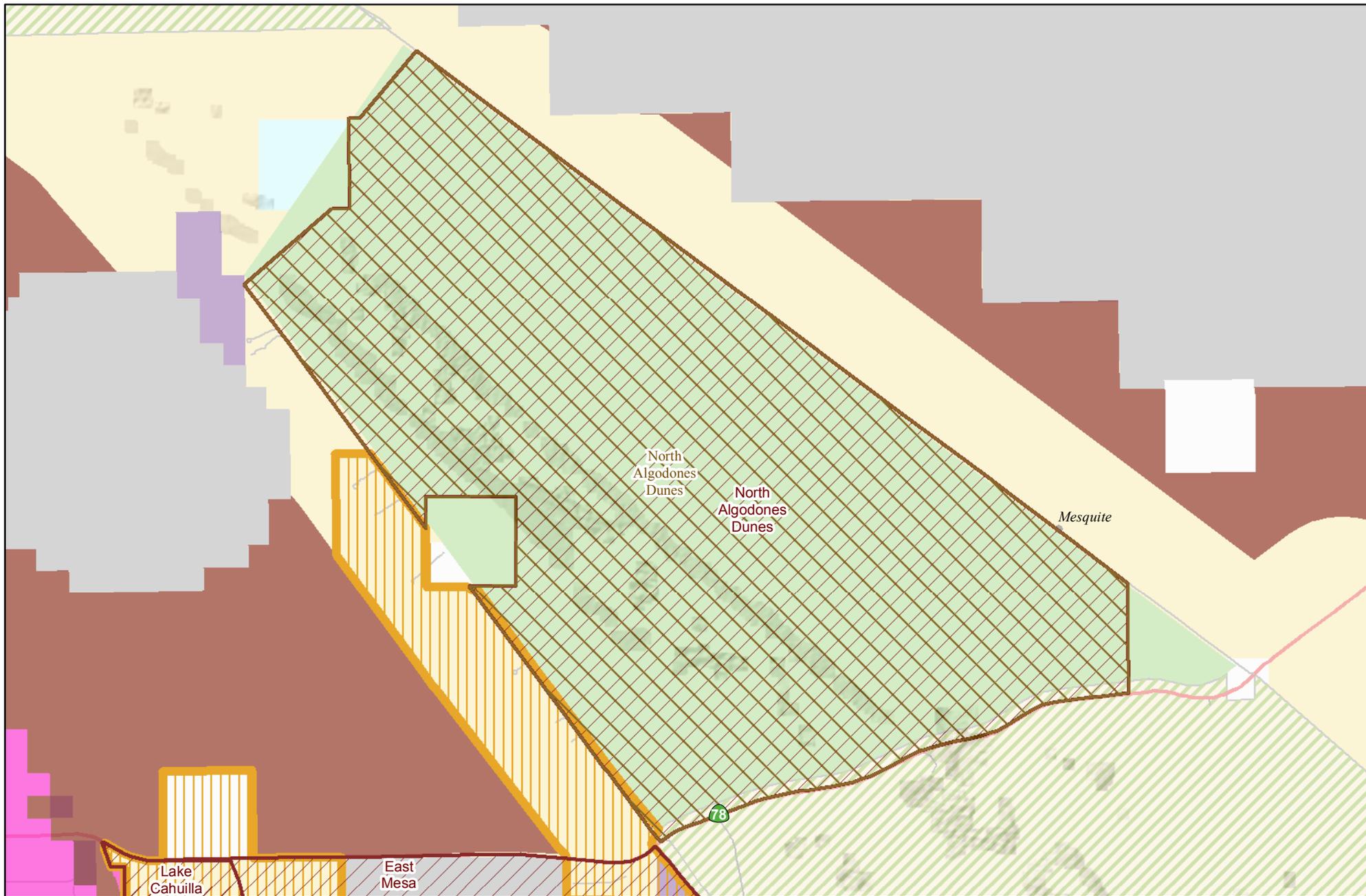
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



North Algodones Dunes



Alternative 4 ACECs
 Date Printed: 8/6/2014
 Prepared by BLM California State Office



ACEC Layers

- Existing ACEC
- Proposed NLCS
- Proposed ACEC
- Proposed Wildlife Allocation
- Legislatively and Legally Protected

Design Focus Areas

- Design Focus Areas
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy

