

Amboy Crater National Natural Landmark

Description/Location: Located on the northwest end of the Cadiz Valley within Eastern San Bernardino County 2.5 miles west of the community of Amboy. The Cinder cone is located at the intersection of Amboy Road and Historic Route 66/National Trails Highway.

Nationally Significant Values:

Amboy Crater was designated a National Natural Landmark in 1973, Amboy Crater was recognized for its highly visible dominance throughout the surrounding Cadiz Valley landscape and its unique geological significance.

Standing alone in the desert, this relatively young cinder cone last erupted approximately 10,000 years ago. In the latter stages of its eruption, the cone breached one side and extensive lava flows spread out for a considerable distance in all directions. The majority of cinder cones throughout the region are solid mass of cinders and lava rock lacking any crater. Amboy Crater is of national significant because of the presence of a flat crater floor with four coaxial nested cones.

Ecological: Due to the young age of the cinder cone and the lack of mature soil, plant life is limited, many small mammals and reptiles can be found in small pockets of sand captured within the lava flow. The area not only presents an excellent opportunity for geological studies but also the study of desert flora and fauna on a volcanic landscape and is highly valued by educational systems within California

Cultural: This landmark has been used for thousands of years by Native American tribes, and hundreds of years by Spanish Explorers and early Anglo-American traders, to travel across the Mojave Desert.

Scientific: Amboy Crater is located in the Barstow-Bristol trough, a conspicuous west-northwest trending physiographic feature which straddles the boundary between the Mojave and Sonoran tectonic blocks.

Special Designations/Management Plan/Date: ACEC Plan No. 87, 1989

Relevance and Importance Values: Relevant scenic, geological, historical and Native American values. Amboy Crater was designated a National Natural Landmark in 1973, Amboy Crater was recognized for its highly visible dominance throughout the surrounding Cadiz Valley landscape and its unique geological significance.

Goals: Protect significant cultural and natural resources found within the ACEC while providing for compatible recreation and interpretive opportunities.

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	600	0	NA
Preferred Alternative	600	600	0	1%
1	600	600	0	1%
2	600	600	0	1%
3	600	600	0	1%
4	600	600	0	1%

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

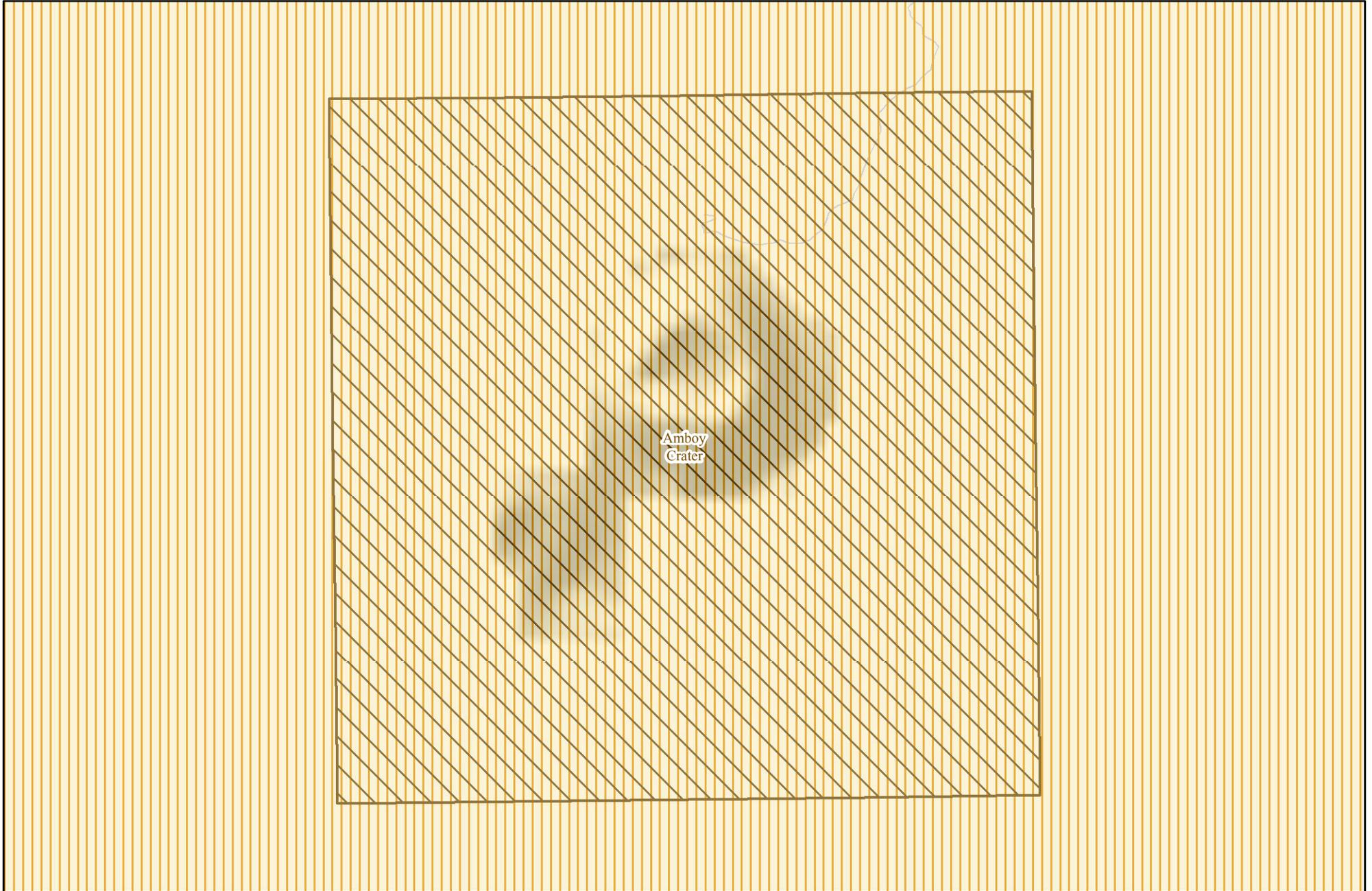
Alternatives:

All Alternatives – this existing ACEC would continue to be managed as it currently is.

Objectives (desired future conditions) /Allowable Uses/Management Actions	Resource Program
Goal: Maintain and restore geologic structure Management Action: Restore north face of cinder cone	Soil, water, air
Goal: Protect cultural value of volcanic feature Management Action: Prevent degradation around the site	Cultural Resources
Goal: Maintain characteristic landscape. Management Action: Manage visual resources consistent with the adopted VRM Class.	Visual Resources
Goal: Provide for the use of a designated system of Ground Transportation Linear Features to ensure access to the public for appropriate uses. Management Action 1: All legal open roads and trails will be signed including road or trail number/name. Management Action 2: All roads and trails identified as closed will be rehabilitated and restored. Management Action 3: Restore all undesignated roads or trails. Management Action 4: 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.	Trails and Travel Management
Goal: Manage recreation consistent with established conservation goals, while providing a broad range of recreation opportunities and to ensure public health and safety; Management Action 1: Provide interpretive, directional, and regulatory signs and materials as necessary to provide public information and reduce impacts from recreational use.	Recreation

<p>Management Action 2: Allow stopping and parking within 25 feet, and camping within 100 feet of designated routes.</p> <p>Management Action 3: Manage recreational shooting consistent with state and local laws.</p> <p>Management Action 4: Allow SRP events which do not negatively affect ACEC and NNL Relevance and Importance Values.</p> <p>Management Action 5: 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>	
<p>ROW Avoidance Zone</p>	<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>Geothermal: Area is closed to geothermal leasing and development</p>	<p>Renewable Energy</p>
<p>Management Action: Withdraw entire area from mineral entry under the Mining Law of 1872</p>	<p>Locatable Minerals Mineral Materials Non-Energy Leasables</p>

Amboy Crater



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

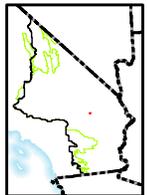
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

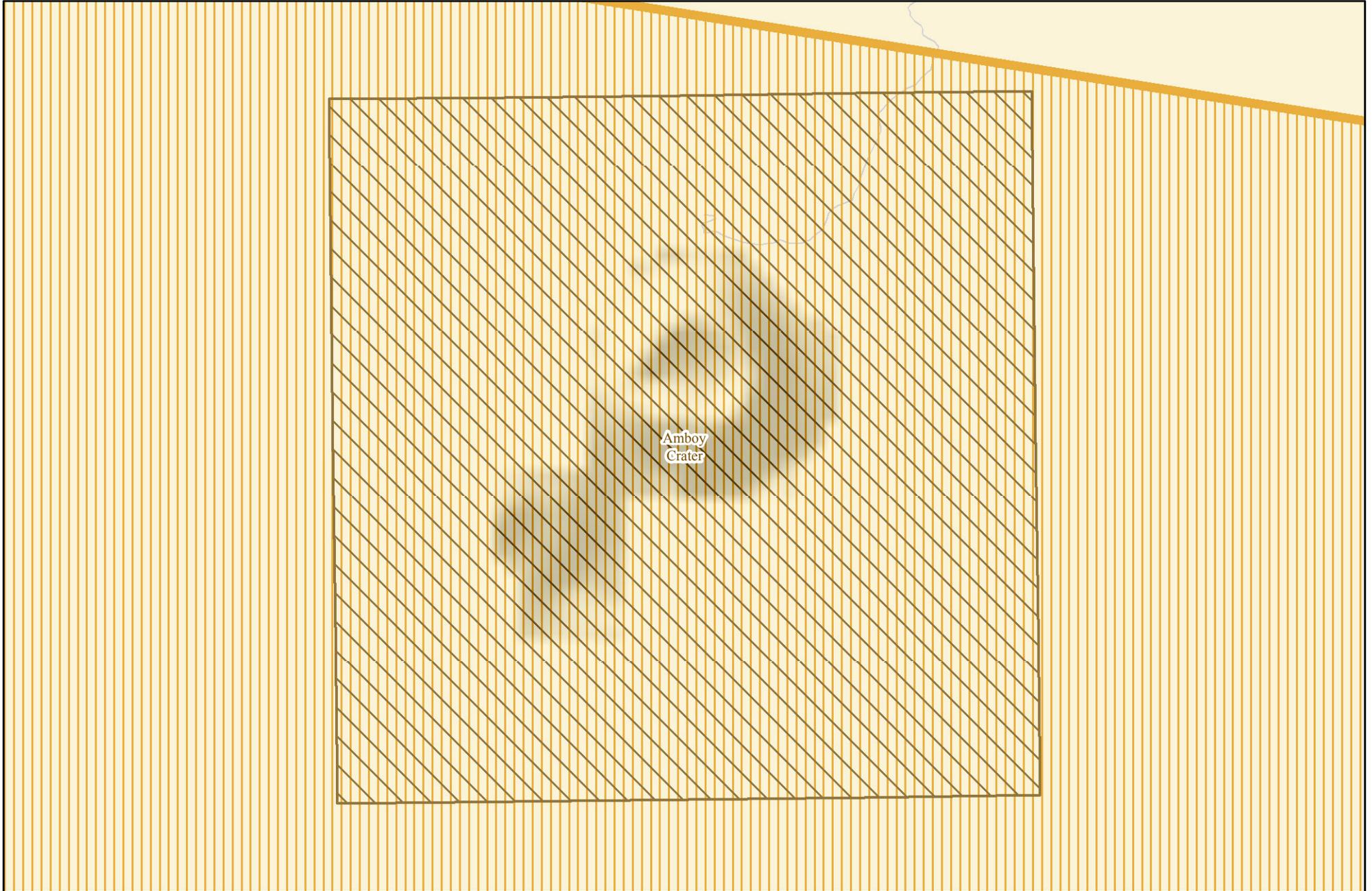
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



Amboy Crater



Alternative 1 ACECs
 Date Printed: 5/29/2013
 Prepared by BLM California State Office



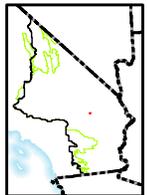
ACEC Layers

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

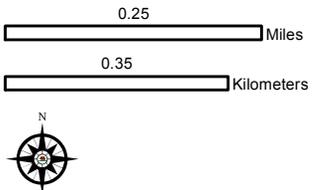
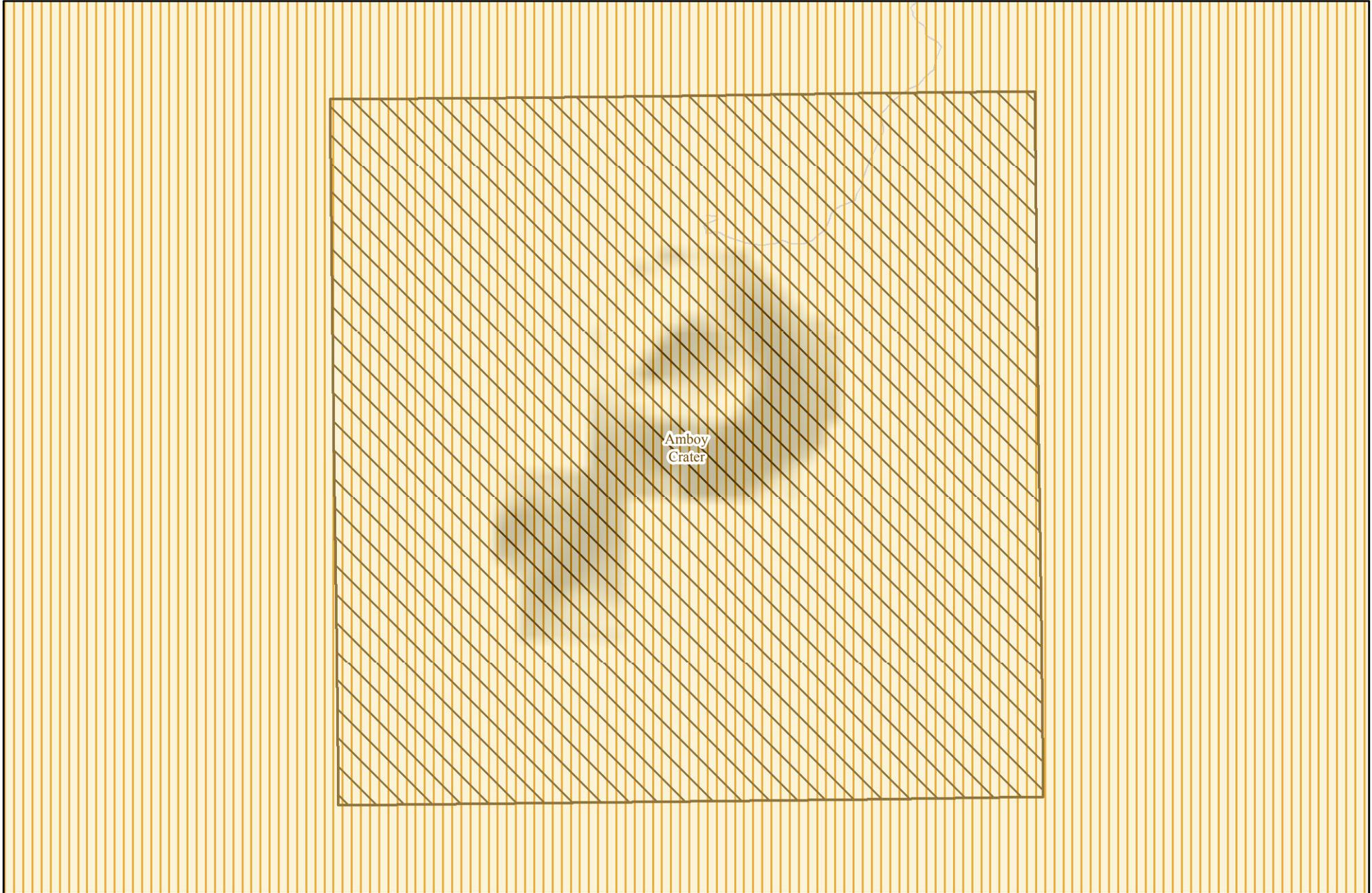
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

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

- ### GTLF
- Interstate
 - US Hwy
 - CA Hwy
 - County Hwy



Amboy Crater



Alternative 2 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

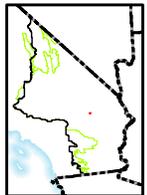
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

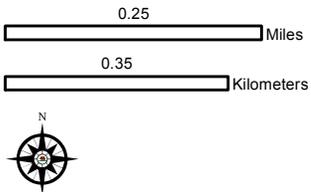
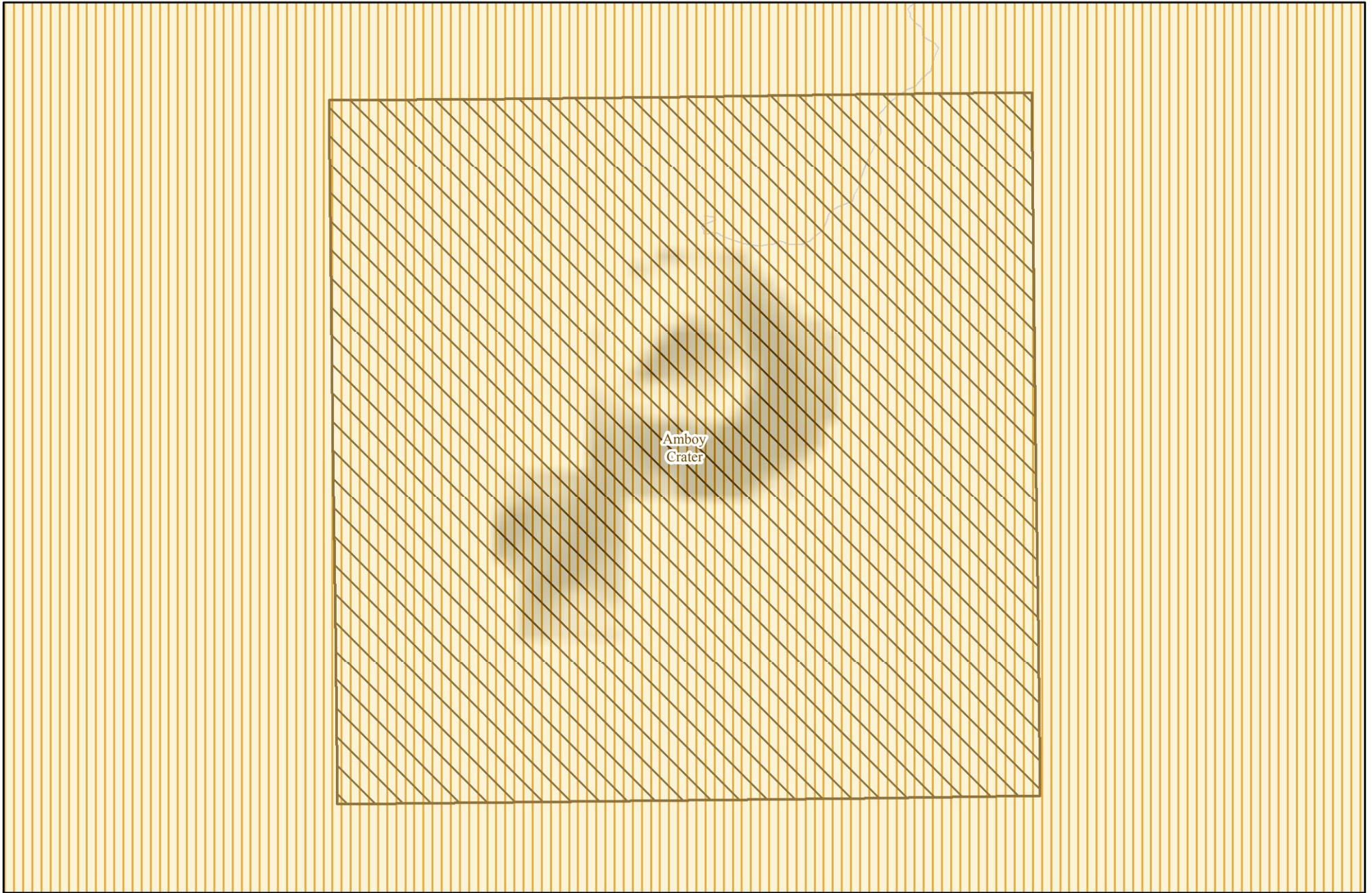
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



Amboy Crater



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

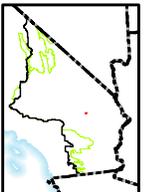
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

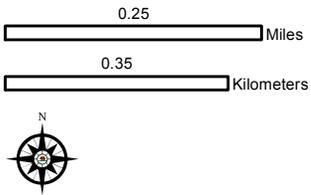
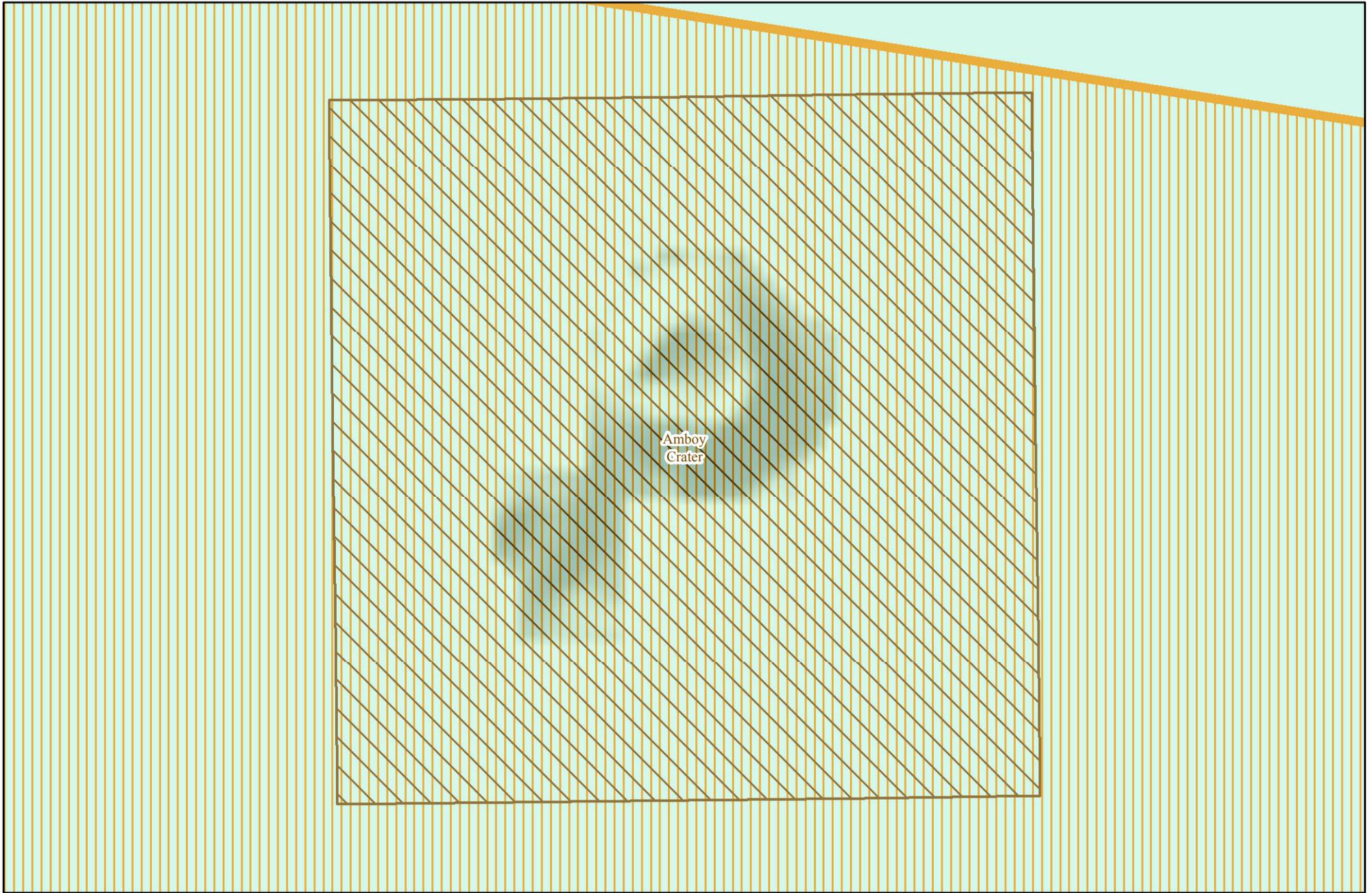
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



Amboy Crater



Alternative 4 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

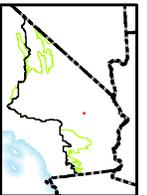
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

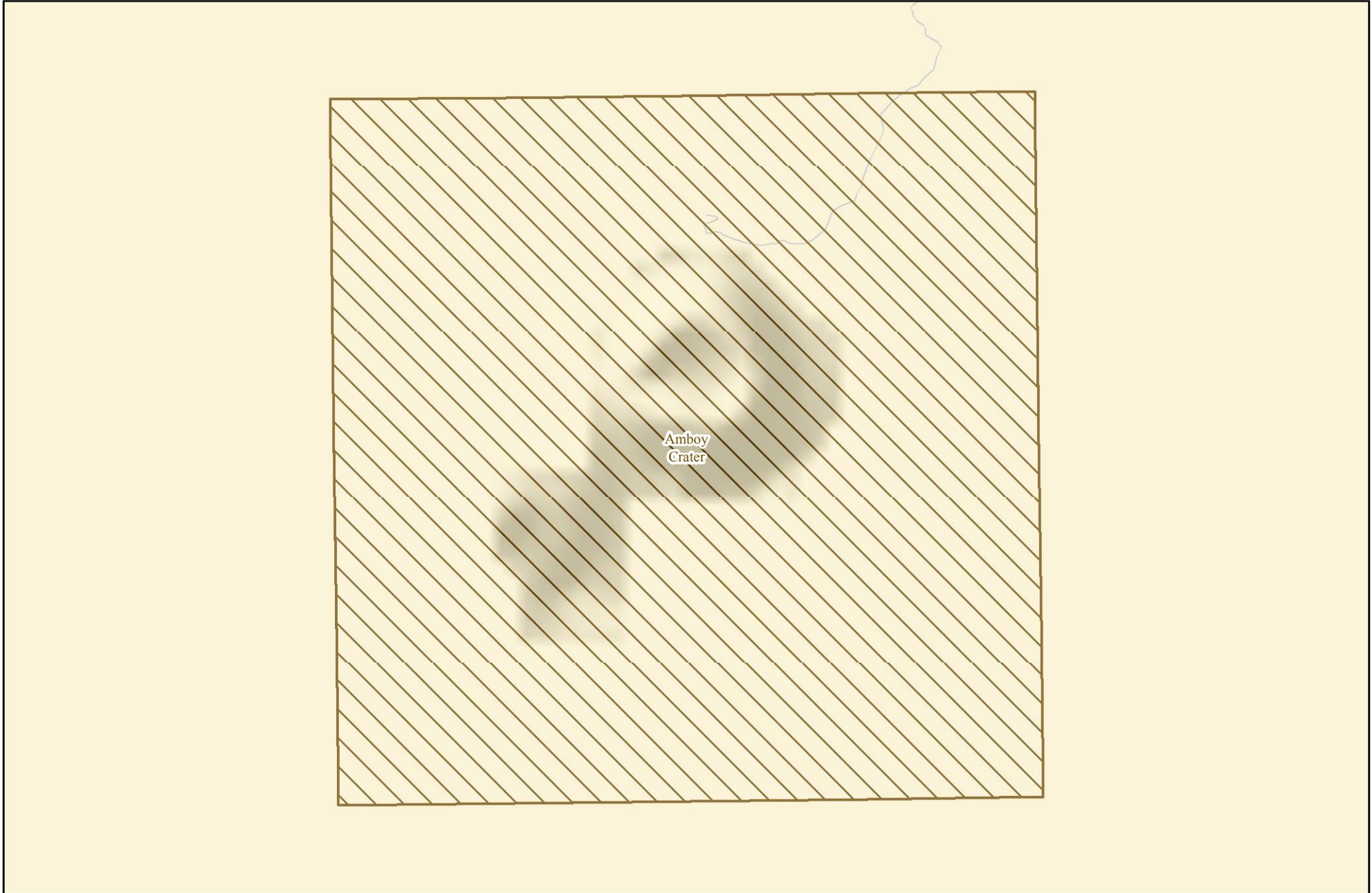
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



Amboy Crater



No Action ACECs
 Date Printed: 5/29/2013
 Prepared by BLM California State Office



ACEC Layers

-  Existing ACEC
-  OHV Areas
-  Legislatively and Legally Protected

-  Cities
-  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

