

# **APPENDIX M**

## *Preliminary Environmental Site Assessment*



# **APPENDIX M-1**

*Campo Wind Project Preliminary ESA*



## MEMORANDUM

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**To:** Dan Hall, Bureau of Indian Affairs  
**cc:** David Hochart, Matt Valerio – Dudek, Environmental  
**From:** Glenna McMahon, Audrey Herschberger – Dudek, Hydrogeology/HazWaste  
**Subject:** Preliminary ESA for Campo Wind Project  
**Date:** January 22, 2019  
**Attachments:** Figure 1: Project Location and Site Map  
A – GeoSearch Report  
B – Historic Aerial Photographs  
C – Letter from EPA to Bureau of Indian Affairs regarding Draft Supplemental Environmental Impact Statement, May 12, 2010

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This Preliminary Environmental Site Assessment (ESA) was conducted for the portion of the proposed Campo Wind Project (Project) that is located on the Campo Band of Diegueno Mission Indians Reservation in San Diego County, California. The proposed areas of construction and development of the Project are defined as the “Project Site.” The Project Area evaluated within this Preliminary ESA lies entirely within the Campo Indian Reservation, the borders of which define the “Project Area”. The boundary of the Project Area, Project Site boundaries, and locations of findings identified in this Preliminary ESA are shown on Figure 1. A Phase I ESA was prepared for the portion of the Project located Off-Reservation which includes the Boulder Brush Boundary and is attached to the Campo Wind Project with Boulder Brush Facilities Draft EIS as Appendix M-2.

Physical setting information including hydrology, geology, and water, oil, and gas wells is included in the GeoSearch E ReSearch Report (GeoSearch Report) provided as Attachment A. The information is also summarized in Section 3.0 of the 2012 Phase I ESA report<sup>1</sup> provided as Appendix O. In addition, a Groundwater Resources Evaluation was conducted by Dudek in 2018<sup>2</sup>. Groundwater depths are reportedly between approximately 21 and 76 feet below ground surface. Groundwater depth data was obtained from a 312-acre well field located in the southern portion of the Project Area around the proposed regional landfill (see Figure 1). Groundwater flow directions for the Project Area were not evaluated as part of this Preliminary ESA. Drinking water

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<sup>1</sup> Phase I Environmental Site Assessment of Approximately 4,660 Acres, Campo Indian Reservation, Southeastern San Diego County, California. AECOM. January 2012.

<sup>2</sup> Draft Groundwater Resources Evaluation for the Campo Wind Project. Dudek. December 2018.

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is provided to the Project Area by drinking water wells. Soils on the Project Area are generally undeveloped, well-drained loamy coarse sands.

The objective of this Preliminary ESA is to determine if there are any recognized environmental conditions (RECs), including controlled RECs and historical RECs, to the Project Site. For the purposes of this Preliminary ESA, Dudek is using the REC definitions as defined in the ASTM 1527-13<sup>3</sup>:

- A REC is the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.
- A controlled REC (CREC) is a REC from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls.
- A historical REC (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meets unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

This Preliminary ESA consists of review and summary of the following: regulatory agency records, historical aerial photographs, and previous environmental reports. This Preliminary ESA is not a complete Phase I ESA as described in ASTM 1527-13. This Preliminary ESA meets the requirements of Section 1.2 of the County of San Diego Guidelines for Determining Significance for hazardous materials and existing contamination.

**Regulatory Records**A search of regulatory records was conducted by GeoSearch on July 25, 2018 (GeoSearch report). The search was conducted for the Project Area according to the ASTM E 1527-13 using standard search radii, which are listed in the GeoSearch report. The GeoSearch report gives a listing of sites within an approximately one-mile radius of the Project Area that are listed on one or more environmental regulatory databases. Information in these listings includes the site name, location of the site relative to the Project Area, regulatory database listing, and the status of the listed site. The complete GeoSearch report is included as Attachment A.

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<sup>3</sup> American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, designation E1527-13. November 1, 2013.

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The Project Area and adjoining properties were identified in the regulatory databases described in Table 1. Listings identified within the Project Area are summarized in Table 2. Findings for adjoining and nearby properties are discussed in the paragraphs following Table 2. Listings identified as RECs are also shown on Figure 1.

**Table 1**  
**Regulatory Databases Identified**

Database ID	Database Description
<i>Federal Databases</i>	
ECHOR09	Enforcement and Compliance History Information database, provides compliance and enforcement information on a national level.
FRSCA	Facility Registry System that tracks facilities, sites, or places subject to environmental regulations or of environmental interest. <i>The actual database identified in the FRSCA search was identified by Dudek in Table 2 in parenthesis (e.g., FRSCA (ICIS)).</i>
RCRAGR09	Resource Conservation and Recovery Act (RCRA) hazardous waste tracking database.
MSHA	Mining sites under the authority of the Dept. of Labor Mining Safety and Health Administration (MSHA).
FUDS	Formerly Used Defense Sites (FUDS) inventory of properties previously owned or leased to the US Defense Dept.
<i>State Databases</i>	
CHMIRS	California Hazardous Material Incident Report System, reported spills or releases of hazardous materials since 1993.
HWTS	Hazardous Waste Tanner Summary, information extracted from hazardous waste manifests received by the Department of Toxic Substances Control (DTSC).
ABST	State-registered aboveground storage tanks (ASTs).
HISTUST	Historical state-registered underground storage tanks (USTs).
SWEEPS	Statewide Environmental Evaluation and Planning System. Historical listings of active and inactive USTs.
USTCUPA	State-registered underground storage tanks (USTs).
SWIS	Solid Waste Information System database of state-registered solid waste facilities, operations, and disposal sites.
ENVIROSTOR	DTSC tracking database for site with confirmed or potential contamination and sites where further investigation is necessary.
<i>Local Databases</i>	
HMMDD	San Diego County Hazardous Materials Management Division database for all establishments with hazardous material permits.
<i>Tribal Databases</i>	
INDIANRES	Indian reservations registered with the Bureau of Indian Affairs (BIA)

**Table 2  
Project Area Regulatory Database Listings**

Business Name and Address	Database(s)	Details	Location Relative to Project Site	Identified REC (Figure 1 ID#)
<p>Campo Indian Reservation – Casino WWTF GW Monitoring / IHC Clinic Drainfield / Golden Acorn Casino 36190 Church Rd Campo California</p>	<p>FRSCA (ICIS, STATE) CAHWTS CASWIS</p>	<p>This location reported hazardous waste manifests in 2006 for a total of 72.78 tons “other inorganic solid waste” disposal by means of deep well or underground injection, discharge to the sewer, land treatment, and on-site management. There is also a SWIS listing for an unpermitted solid waste disposal site. The type, duration, and manner of disposal is unknown.</p> <p>The WWTF GW Monitoring and IHC Clinic Drainfield listings are included in the ICIS database, which provides information on companies with permits to discharge wastewater. No additional information could be obtained.</p> <p>With the lack of additional information available, and the recorded unpermitted disposal site, these are conditions indicative of a potential release to the environment. Therefore, this is considered a REC.</p>	<p>Based on the site address, this listing is located on BIA Rd 10 (Church Rd), approximately 450 feet north of the intersection of BIA Rd 10 and State Route 94 (Campo Rd). The Project site transects the Project Area at the BIA Rd 10/State Route 94 intersection, and therefore, lies less than 1/8 mile from this listing. Because the limits, exact location, and impacts of the disposal site are unknown, it is possible that this listing could impact the Project Site</p>	<p>Yes (Site #1)</p>
<p>Golden Acorn Casino/Travel Center, Golden Acorn Quick Mart, Interstate Distribution Co., AT&amp;T Mobility, Verizon Wireless, Campo Casino, 1800 Golden Acorn Way Campo, California</p>	<p>CHMIRS ECHOR9 FRSCA (ICIS, CA- ENVIROVIEW, SFDW)</p>	<p>A release of one gallon of copper etch solution was released, contained and cleaned up without release to waterways or storm drains. There are no open cleanup files associated with this release.</p> <p>A drinking water well is registered at this location under the Safe Drinking Water Act (SDWA). No violations have been reported for this listing.</p> <p>There are 14 Campo Reservation/Golden Acorn Casino listings in the FRSCA database for this address; 12 in the ICIS database for wastewater discharge permits, and two in the SFDW database for safe drinking water information. The AT&amp;T listing is registered under ENVIROVIEW (CalEPA) for chemical storage facilities, last inspected in May 2018 with no violations.</p>	<p>The Golden Acorn Casino is located on the southeast side of the intersection of I-8 (Kumeyaay Hwy) and Old Hwy 80. The southern extent of the casino property touches the northern tip of a branch of the Project Site. Another branch of the Project Site lies on the north side of I-8, approximately 550 feet from the northern edge of the casino property</p>	<p>No</p>



**Table 2  
Project Area Regulatory Database Listings**

Business Name and Address	Database(s)	Details	Location Relative to Project Site	Identified REC (Figure 1 ID#)
<p>Campo Materials Inc/Campo Materials Company 36501 Church Road Campo, California</p>	<p>CAHWTS USFRSCA (OSHA-IMIS) USMSHA</p>	<p>The Campo Materials company is listed in OSHA-IMIS and USMSHA as a mining site. The site has numerous citations and associated fines recorded between 2000 and 2017. The nature of the citations are not reported.</p> <p>According to information in the CAHWTS database, hazardous wastes, including hydrocarbon solvents, waste oil and mixed oil, were generated on site and manifested in 2008 prior to removal offsite. There are no violations associated with this listing.</p> <p>Based on the information provided, this company has a history of non-compliance, and handles hazardous materials on site. This information is indicative of a potential release of hazardous materials to the environment, or the potential of a future release to the environment.</p>	<p>The Project site crosses BIA Rd 10 (Church Rd) approximately 0.1 mile from the entrance to the Campo Materials site. Based on aerial photographs, it appears the sand and gravel pit operations are approximately 1 mile west of the entrance. The Project Site appears to transect the sand and gravel pit. Therefore, there is a potential for this site to impact the Project Site.</p>	<p>Yes (Site #2 and Site #3)</p>
<p>Kumeyaay Wind LLC Gamesa Winds US, LLC 400002 Tusil Road Boulevard, California</p>	<p>HWTS FRSCA (OSHA-IMIS)</p>	<p>This site is registered as an electrical machinery and equipment company. Manifests indicate handling and generation of hazardous wastes from 2006 to 2016. Some management includes on-site treatment/stabilization of "other organic solids." There are no other details associated with this listing, and there are no violations associated with the listing.</p>	<p>The GeoSearch Report identifies this location at the southeast corner of Tusil Road and Old Mine Road. This location is adjacent to the northern boundary of the Project Site.</p>	<p>No</p>
<p>Boulevard NONE LOD Hwy 80 Boulevard, California</p>	<p>CAHISTUST</p>	<p>Three USTs owned by the California Department of Transportation are located at this site: two 1,000-gallon diesel fuel tanks installed in 1961, and one 3,000-gallon unleaded fuel tank installed in 1975. This site is located nearby the CalTrans Boulevard Maintenance Station, located on Highway 80 (see listing below). There are no violations or releases directly associated with these tanks. However, based on the age of the tanks, and the lack of environmental regulations</p>	<p>Based on the GeoSearch Report, the CalTrans maintenance station is located at the southeast corner of Old Hwy 80 and Golden Acorn Way. This location is more than ¼ mile from the nearest portion of the Project Site. Based on the distance from the Project Site, it does not</p>	<p>Yes (Site #4)</p>

**Table 2**  
**Project Area Regulatory Database Listings**

Business Name and Address	Database(s)	Details	Location Relative to Project Site	Identified REC (Figure 1 ID#)
		regarding tanks at the date of installation, these tanks present conditions indicative of a release or material threat of a future release, and are therefore a REC.	appear this REC will impact the Project Site. However, the exact location of the USTs needs to be confirmed before potential impacts to the Project Site can be assessed.	
ACS Mountain Health Center 36190 Hwy 94 Campo, California	CASDHMMDD	A hazardous materials permit has been issued by the State of California for this property. No other details are available. An inspection was conducted in 1990; no violations were reported.	This site is located on Hwy 94, more than ½ mile west of the nearest portion of the Project Site.	No
Campo Reservation	TRINDIANRES	The Campo Reservation of the Campo Band of Diegueno Mission Indians is a federally registered reservation, and encompasses 25.82 square miles of southern San Diego County.	The Project Area and Project Site are located within the Campo Reservation.	No
CalTrans Boulevard Maintenance Station Old Hwy 80 Boulevard, California	ECHOR09 USFRSCA (HWTS) USRCRAGR09	This station is permitted and regulated under RCRA for generating small quantities of hazardous waste. There are no violations associated with this listing. The last reported inspection was 2004.	Based on the GeoSearch Report, this site is located at the southeast corner of Old Hwy 80 and Golden Acorn Way. This location is more than ¼ mile from the nearest portion of the Project Site.	No
SDG&E-Sunrise Telecom End of Old Mine Road	USFRSCA (CA-CERS, CA-Enviroview)	This is the location of a telecom station/tower. It is classified as a “combination utility.” No additional information is available, and there is no report of hazardous materials, wastes, or releases on the site.	This site is located at the northern border of the Project Area, approximately 0.8 mile from the nearest portion of the Project Site.	No
Kumeyaay Wind North of I-8, West of Campo Cr	USFRSCA (EIA-860, ICIS, EGRID)	This is the location of an electric generator, which is registered for emissions and generation, as well as water discharge. No violations are reported for this listing.	This site is located on Old Mine Road, approximately ½ mile from the nearest portion of the Project Site.	No

## **Adjoining or Nearby Properties**

Camp Lockett is a former US Army camp previously used for cavalry training and border defense beginning in 1941. Portions of the camp have been released to other owners, including the County of San Diego. Based on information obtained from a 2007 Site Inspection Report<sup>4</sup>, the property is known or suspected to contain military munitions and unexploded ordinances. The Site Inspection Report identifies the nearest possible impact area to be approximately one half mile west of the Project Area. The remaining potentially impacted areas (identified as “munition response sites [MRS]”) are greater than one mile west of the Project Area. Explosives were not detected in any soil samples collected during the site inspection. While possible migration and exposure pathways exist in the MRS identified at Camp Lockett, the distance from the Project Area indicates it is unlikely these sites have impacted the environmental condition of the Project Area.

An additional six sites were identified within a one-mile radius of the Project Area. A brief description of each listing is below.

- The Manzanita Reservation was identified adjoining to the north, and La Posta Reservation adjoining to the west.
- Five USTs were identified at a market at Live Oaks Trail, located 0.1 miles south of the border of the Project Area. The USTs were reportedly installed in 2013 and are permitted by the San Diego County Department of Environmental Health. There are no violations or releases associated with this listing.
- An AST containing diesel fuel was identified 0.16 miles to the west of the Project Area. Based on information obtained from the CalEPA website<sup>5</sup>, the AST is located at a Century Link telecommunication site. One administrative violation was received at the Century Link site in 2015. Compliance was achieved the same month. The violation does not indicate a release or threat of future release of hazardous materials.
- An unpermitted solid waste disposal site was identified 0.44 miles to the east of the Project Area. No additional information is available. No cleanup files are associated with the listing.
- An inactive cleanup site regulated by the DTSC was identified 0.9 miles from the Project Area border. The site is a Formerly Used Defense Site (FUDS). As of 2005, the status was “inactive – needs evaluation.” No additional actions have been taken.

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<sup>4</sup> Site Inspection Report, Camp Lockett, Campo California. Parsons. December 2007.

<sup>5</sup> CalEPA Regulated Site Portal. <https://siteportal.calepa.ca.gov/nsite/>. Accessed January 21, 2019.

Based on the available information, status, and/or distance from the Project Area, these sites do not appear to pose a REC.

## AERIAL PHOTOGRAPHS

Historical aerial photographs (Attachment B) were reviewed to determine if there was evidence of recognized environmental conditions within the Project Area that could potentially impact the Project Site. Historical aerial photographs from 1942, 1953, 1956, 1968, 1975, 1984, 1994, 1995, 1996, 2005, 2009, and 2016 were reviewed. Observations are presented in Table 3.

**Table 3**  
**Historical Aerial Photograph Review**

Date	Site Description	Surroundings
1942	The Project Area is generally undeveloped land, with unimproved roads transecting throughout. The main roads, except Interstate 8 (I-8), are observed, but appear unimproved. The Pacific Southwest railroad is also observed. A few small clearings are observed: one off the current Williams Road, one near the current Campo Materials site, one off Campo Road east of the railroad, and one at the end of a dirt road near the southern portion of the Project Area. The current sand pit area also appears disturbed.	The surrounding properties appear undeveloped with some unimproved roads transecting, very similar to the Project Area.
1953	Sparse agricultural and residential development is observed throughout the Project Area.	A small residential development is observed just to the east of the Project Area. Sparse agricultural and residential development is observed in the surrounding areas.
1968	Development of I-8 is observed. No other apparent changes from the 1953 aerial are observed.	No apparent changes from the 1953 aerial are observed.
1975	A large swath of land appears cleared of vegetation beginning in the northwest corner of the Project Area, running along Old Mine Road down to I-8, and continuing south to the southeast corner of the Project Area. Cleared areas along I-8 are observed. A large disturbed area is observed in the southeast corner, inside the curve of the railroad tracks.	Areas of cleared vegetation are also observed extending onto the adjoining properties. No other apparent changes are observed.
1984	Additional small roads are observed throughout the Project Area, but the road density is still sparse. New development (roads, cleared vegetation, and small buildings) is observed near the current Campo Materials site. The sand pit area appears disturbed. An area of development is observed at the northeast corner of Campo Road and BIA Rd 10. Disturbance and cleared areas are now observed on the west side of the railroad near the southeastern corner of the Project Area.	A small residential neighborhood is observed to the east of the Project Area, and new development surrounding it. The surrounding areas still appear mainly undeveloped, except for a few small roads and residential/agricultural properties.

**Table 3  
Historical Aerial Photograph Review**

Date	Site Description	Surroundings
1994	A new clearing is observed off BIA Rd 10, just south of Old Hwy 80. A new small housing development (approximately 16 houses) is observed off Campo Road (on Kumeyaay Road). A series of small dirt roads and cleared areas are now observed in the southeast corner of the Project Area in the bend of the railroad tracks.	The surrounding areas show new development, which appears to be residential. The development is sparse.
1996	Two manmade ponds are now observed at the sand pit. No other apparent changes from the 1994 aerial photograph are observed.	No apparent changes from the 1994 aerial photograph are observed.
2005	Construction of wind turbines is now observed in the northern portion of the Project Area. The casino is now observed on the south side of I-8. The motocross track is now observed near the northeast corner of the Project Area. Roads transect the land between Campo Materials and the sand pit, and the sand pit is disturbed. Some new small roads are observed throughout the southern half of the Project Area, with apparent residential development.	More residential development and supporting commercial development is observed. Development is still sparse.
2009	The wind turbines are now constructed, and new development at the casino is now observed. No other apparent changes are observed from the 2005 aerial photograph.	No apparent changes are observed from the 2005 aerial photograph.
2016	No apparent changes are observed from the 2009 aerial photograph.	No apparent changes are observed from the 2009 aerial photograph.

**PREVIOUS ENVIRONMENTAL REPORT**

Dudek reviewed the *Phase I Environmental Site Assessment of Approximately 4,660 Acres, Campo Indian Reservation, Southeastern San Diego County, California* prepared by AECOM in January 2012 (Phase I ESA). The subject property as defined in the Phase I ESA is a “highly irregular, snake shaped property” that is located within the boundaries of the Project Area as defined for this Preliminary ESA. The Phase I ESA did not identify any RECs or *de minimis* conditions. Project site conditions do not appear to have changed since the prior Phase I ESA based on latest search of available records and limited identified development during the intervening period.

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The report did identify multiple locations of concern that were not determined to be RECs to the subject property as defined in the 2012 Phase I ESA, but Dudek has determined them to be RECs to the Project Area. These sites, located within the Project Area, are as follows:

- **Golden Acorn Casino gas station:** Based on a review of recent aerial photographs, it appears there are two fuel islands and an associated UST farm located on the south side of the casino. Based on the Campo Kumeyaay Nation website, the casino was opened in 2001, and historical aerial photographs confirm the gas station islands were present at approximately the same time. Registration of these USTs was not listed in the GeoSearch Report, and was not identified on the CalEPA Site Portal<sup>6</sup>. Based on the lack of information and apparent lack of regulation of these USTs, they pose a REC (Figure 1 Site #5).
- **Former Illegal Dump Site:** One of the residential properties was previously recognized as a former illegal disposal site. Items dumped included abandoned vehicles. The Campo Environmental Protection Agency (CEPA)<sup>7</sup> conducted a cleanup in 2007, reportedly with a grant from the California EPA, which included removing abandoned cars. During the Phase I ESA site reconnaissance performed by AECOM in October 2011, an approximately 500-foot by 500-foot area of scattered debris was still observed at the site. Based on the fact that this was an illegal dump site for an unknown number of years, that dumping included abandoned vehicles, and parts of the vehicles were still observed four years later, these are conditions indicative of a release to the environment, and the site poses a REC (Figure 1 Site #6).
- **Campo Materials Co.:** The 2012 Phase I ESA identified multiple violations associated with the operations of the mine under MSHA between October 2004 and June 2010. Penalties were assessed on all violations; some penalties were contested. Based on information obtained from the MSHA Mine Data Retrieval System<sup>8</sup>, most of the violations were 104(a) citations, which indicate a violation of a standard, regulation, or section of the Mine Act. One violation was a 104(g)(1) citation, which indicates the withdrawal of an untrained miner from the mine. Campo Materials Co. also reported fuel blending of large quantities of hydrocarbon solvents and waste and mixed oils prior to energy recovery at another site, indicating the use of petroleum product within the Project Area. Based on the history of violations associated with operations, and the handling of hazardous materials on the site, these are conditions indicative of a release to the environment, or that pose a material threat of a future release to the environment, and are considered a REC (Figure 1 Sites #2 and #3).

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<sup>6</sup> <https://siteportal.calepa.ca.gov/>.

<sup>7</sup> The Campo Environmental Protection Agency (CEPA) was created by order of the General Council of the Campo Band of Kumeyaay Indians in July of 1990 (<http://www.campo-nsn.gov/cepa.html>).

<sup>8</sup> United States Department of Labor Mine Safety and Health Administration Mine Data Retrieval System. <https://arlweb.msha.gov/drs/drshome.htm>.

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The following locations were identified to be of potential environmental concern, but are not considered to be RECs:

- **Campo Landfill Project:** This proposed landfill is to be located in the southeast corner of the Project Area. A letter response from the United States Environmental Protection Agency (US EPA) to the Bureau of Indian Affairs *RE: Draft Supplemental Environmental Impact Statement (DSEIS)* dated May 12, 2010 is in the US EPA Archives online<sup>9</sup>. A copy of this letter is provided as Attachment C. The letter states that insufficient information has been presented in the DSEIS regarding protection of groundwater. More recent documentation regarding the progress of this landfill was not located during this Preliminary ESA. There are no listings located on or near the Project Area in the CalRecycle Solid Waste Information System (SWIS) online database<sup>10</sup>. Based on this information, it does not appear the proposed landfill project is active.
- **Off-Site Casino Former UST Farm:** A fuel depot was proposed east of the Golden Acorn Casino, located at the southeast corner of the intersection of BIA Road/Old Hwy 80 and I-8. Reportedly, USTs were installed as part of this proposal. The fuel depot was later abandoned prior to completion, and the USTs, which were not filled, were removed.

## SUMMARY AND CONCLUSIONS

The Project Area was mainly undeveloped, with sparse residential and agricultural development since at least 1942 until approximately 1984. Construction of I-8 began in approximately 1968, and commercial use of the sand pit appears to have started between 1975 and 1984. The casino was opened in 2001, wind turbines were constructed starting in 2005, and additional residential development occurred throughout the 1970s until at least 2009.

Based on the information obtained, the following RECs are present within the Project Area. Based on the proposed use of the Project Site, recommendations for further investigations are also provided.

- The Campo Reservation Casino (aka Golden Acorn Casino) has a documented, unpermitted solid waste disposal site. The type, duration, and manner of disposal is unknown. Given the known use and lack of additional information available, which indicates a potential release to the environment, this site is considered a REC. Based on the site address, this listing is located on BIA Rd 10 (Church Rd), approximately 450 feet north of the intersection of BIA Rd 10 and State Route 94 (Campo Rd). The Project Site transects the Project Area at the BIA Rd 10/State Route 94 intersection, which lies less than 1/8 mile

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<sup>9</sup> <https://archive.epa.gov/region9/nepa/web/pdf/camporeglandfill-projcampoindianresdseis.pdf>.

<sup>10</sup> <http://www.calrecycle.ca.gov/SWFacilities/Directory/Search.aspx>.

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from this potential REC. Because the limits, exact location, and impacts of the disposal site are unknown, it is possible that it could impact the Project Site. If this area will be developed as part of the Project, it is recommended to conduct a site visit and obtain additional information from a site representative to determine the nature and extent of the disposal site. Further, a hazardous materials contingency plan (HMCP) should be prepared and implemented during construction of the Project. The HMCP will outline strategies for managing hazardous materials, including contaminated soil and groundwater, which may be encountered during Project construction.

- The Golden Acorn Casino has two fuel islands and an associated UST farm located on the south side of the property. Based on the Campo Kumeyaay Nation website, the casino was opened in 2001, and historical aerial photographs confirm the gas station islands were present at approximately the same time. Documentation of the registration of the USTs could not be obtained during this Preliminary ESA. The Golden Acorn Casino is located on the east side of the intersection of I-8 (Kumeyaay Hwy) and Old Hwy 80. The Project Site lies approximately ¼ mile southeast and approximately ¼ mile north of these fuel islands, and therefore the presence of the fuel islands and tanks are not likely to impact the Project Site. It should be determined if these USTs are in compliance with applicable regulatory standards, and if there is any evidence of releases to the environment. If this area will be developed as part of the Project, the USTs should be properly removed and disposed. If the tanks cannot be located and/or the status of the tanks is still in question, a HMCP should be prepared and implemented during construction of the Project.
- The Campo Materials Company has numerous MSHA citations and associated fines recorded between 2000 and 2017. Based on the information provided, this company has a history of non-compliance and handles hazardous materials on site. This information is indicative of a potential release of hazardous materials to the environment, or the potential of a future release to the environment. The Project Site crosses BIA Rd 10 (Church Rd) approximately 0.1 mile from the entrance to the Campo Materials site. The extent of operations and hazardous material storage areas were not determined during this Preliminary ESA. Therefore, there is a potential for this location to impact the Project. Information regarding management of hazardous materials should be obtained and reviewed, if available, to determine the environmental condition of the site. If site conditions are indicative of a concern, a HMCP should be prepared and implemented during construction of the Project.
- Three USTs owned by the California Department of Transportation are located within the Project Area: two 1,000-gallon diesel fuel tanks installed in 1961, and one 3,000-gallon unleaded fuel tank installed in 1975. This site is located near the CalTrans Boulevard Maintenance Station, located on Old Hwy 80. The exact UST locations should be determined.



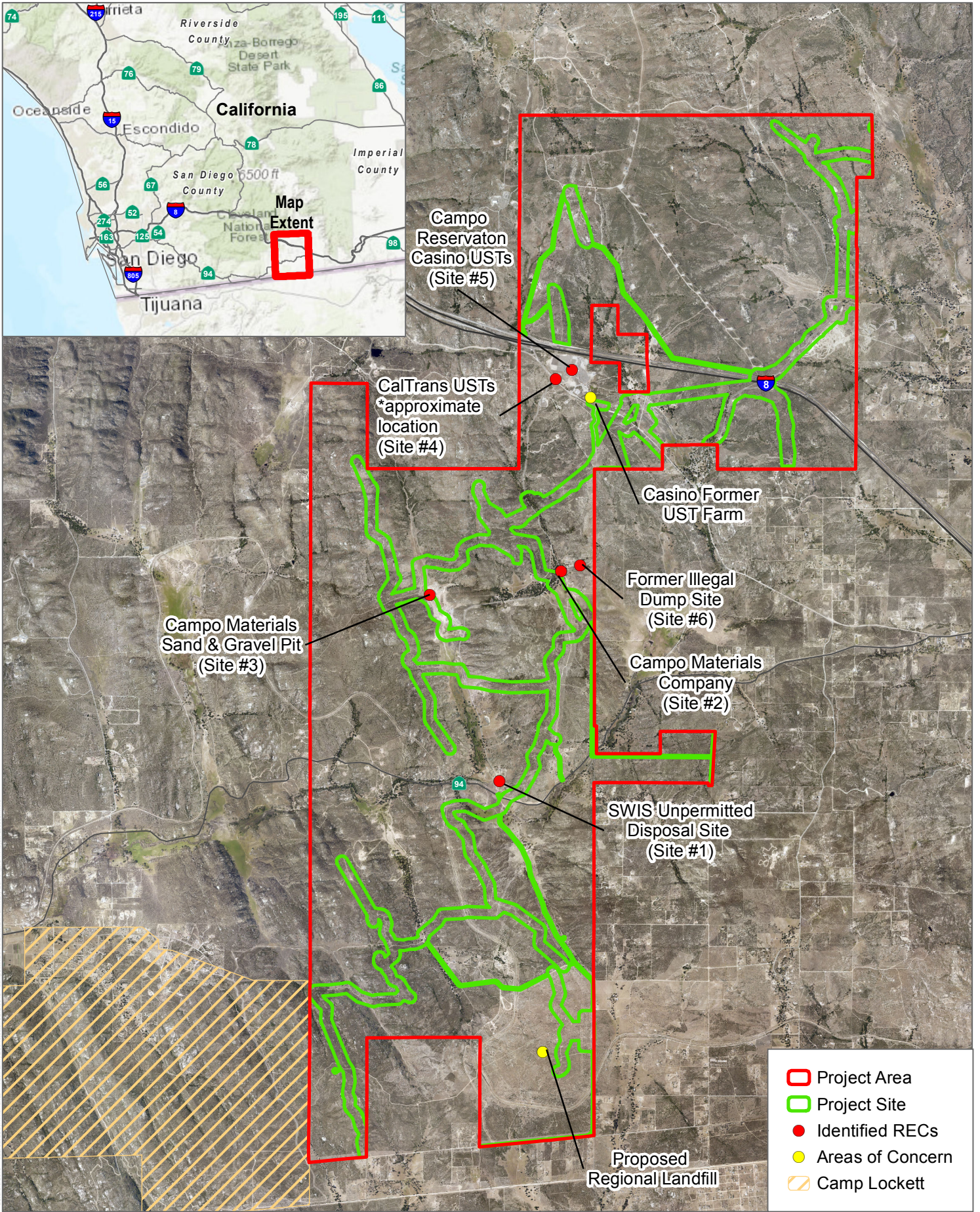
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Based on the age of the tanks, and the lack of environmental regulations regarding tanks at the date of installation, these tanks present conditions indicative of a release or material threat of a future release, and are therefore considered a REC. Based on the GeoSearch Report, the CalTrans maintenance station is located at the southeast corner of Old Hwy 80 and Golden Acorn Way. This location is more than ¼ mile from the nearest portion of the Project Site. Based on the distance from the Project Site, it does not appear this REC will impact the Project Site. However, the exact location of the USTs needs to be confirmed to determine potential impacts to the Project Site. The condition, maintenance, and operational status of the USTs should also be determined. If this information cannot be obtained or indicates potential impacts to the Project Site, a HMCP should be prepared and implemented during construction of the Project.

- Camp Lockett is a former US Army camp previously used for cavalry training and border defense beginning in 1946. The property is known or suspected to contain military munitions and explosives of concern, and therefore may present an explosive hazard. The explosive areas are unknown, and the camp abuts the Project Area. Portions of the Project Site located along the western boundary of the Project Area, adjacent to the camp. A munitions and explosives of concern (MEC) survey may need to be conducted on the Project Site (or a portion of the Project Site) to determine potential environmental and/or safety concerns.
- A former residential dump site was identified during the 2012 Phase I ESA. Based on the fact that this was an illegal dump site for an unknown number of years, that dumping included abandoned vehicles, and parts of the vehicles were still observed four years later, these are conditions indicative of a release to the environment. This former dump site is located approximately 0.22 miles east of the nearest portion of the Project Site. Based on the distance from the Project Site, surficial soil impacts at the former dump site are not likely to impact the Project Site. Groundwater impacts, if any, are unknown. If the area will be developed as part of the Project, the current condition of this site should be assessed to determine the potential presence of hazardous substances or petroleum products. In addition, a HMCP should be prepared and implemented during construction of the Project.
- Aerial photographs indicate the presence of buildings in the Project Area since at least 1942. Based on the age of the buildings, there is a potential for asbestos containing materials (ACM) and lead-based paint (LBP) to be present. A survey of ACM and LBP should be conducted prior to the demolition of structures older than 1980.



SOURCE: SANGIS, ESRI



**FIGURE 1**  
**Project Location and Site Map**  
 Campo Wind Project - Preliminary ESA

**ATTACHMENT A**  
*GeoSearch Report*



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## ***E RecSearch Report***

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*Target Property:*  
**Campo Project**  
**San Diego County, California**

*Prepared For:*  
**Dudek**

**Order #: 112062**  
**Job #: 248837**  
**Project #: 10212.0013**  
**Date: 07/25/2018**

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## Disclaimer

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## Target Property Summary

### **Target Property Information**

*Campo Project  
California*

#### **Coordinates**

*Area centroid (-116.35860, 32.6735635)  
3,604 feet above sea level*

#### **USGS Quadrangle**

*Tierra Del Sol, CA  
Live Oak Springs, CA  
Cameron Corners, CA  
Campo, CA*

### **Geographic Coverage Information**

**County/Parish:** San Diego (CA)

**ZipCode(s):**

Boulevard CA: 91905

Campo CA: 91906

Pine Valley CA: 91962



## Database Summary

### **FEDERAL LISTING**

#### **Standard Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
EMERGENCY RESPONSE NOTIFICATION SYSTEM	<a href="#">ERNSCA</a>	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	<a href="#">EC</a>	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	<a href="#">LUCIS</a>	0	0	TP/AP
RCRA SITES WITH CONTROLS	<a href="#">RCRASC</a>	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	<a href="#">RCRAGR09</a>	1	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	<a href="#">RCRANGR09</a>	0	0	0.1250
FEMA OWNED STORAGE TANKS	<a href="#">FEMAUST</a>	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	<a href="#">BF</a>	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	<a href="#">DNPL</a>	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	<a href="#">NLRRCRAT</a>	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	<a href="#">RCRAT</a>	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	<a href="#">SEMS</a>	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	<a href="#">SEMSARCH</a>	0	0	0.5000
NATIONAL PRIORITIES LIST	<a href="#">NPL</a>	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	<a href="#">NLRRCRAC</a>	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	<a href="#">PNPL</a>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	<a href="#">RCRAC</a>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	<a href="#">RCRASUBC</a>	0	0	1.0000
<b>SUB-TOTAL</b>		<b>1</b>	<b>0</b>	

#### **Additional Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	<a href="#">AIRSAFS</a>	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	<a href="#">BRS</a>	0	0	TP/AP
CERCLIS LIENS	<a href="#">SFLIENS</a>	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	<a href="#">CDL</a>	0	0	TP/AP
EPA DOCKET DATA	<a href="#">DOCKETS</a>	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	<a href="#">ECHOR09</a>	2	0	TP/AP

## Database Summary

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
FACILITY REGISTRY SYSTEM	<a href="#">FRSCA</a>	23	0	TP/AP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	<a href="#">HMIRSR09</a>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	<a href="#">ICIS</a>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<a href="#">ICISNPDES</a>	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	<a href="#">MLTS</a>	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<a href="#">NPDESR09</a>	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	<a href="#">PADS</a>	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	<a href="#">PCSR09</a>	0	0	TP/AP
SEMS LIEN ON PROPERTY	<a href="#">SEMSLIENS</a>	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	<a href="#">SSTS</a>	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	<a href="#">TSCA</a>	0	0	TP/AP
TOXICS RELEASE INVENTORY	<a href="#">TRI</a>	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	<a href="#">ALTFUELS</a>	0	0	0.2500
HISTORICAL GAS STATIONS	<a href="#">HISTPST</a>	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	<a href="#">ICISCLEANERS</a>	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	<a href="#">MSHA</a>	1	0	0.2500
MINERAL RESOURCE DATA SYSTEM	<a href="#">MRDS</a>	0	0	0.2500
OPEN DUMP INVENTORY	<a href="#">ODI</a>	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	<a href="#">SMCRA</a>	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	<a href="#">USUMTRCA</a>	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	<a href="#">DOD</a>	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	<a href="#">NMS</a>	0	0	1.0000
FORMERLY USED DEFENSE SITES	<a href="#">FUDS</a>	1	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	<a href="#">FUSRAP</a>	0	0	1.0000
RECORD OF DECISION SYSTEM	<a href="#">RODS</a>	0	0	1.0000
<b>SUB-TOTAL</b>		<b>27</b>	<b>0</b>	

## Database Summary

### STATE (CA) LISTING

#### Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
DTSC DEED RESTRICTIONS	<a href="#">DTSCDR</a>	0	0	TP/AP
ABOVE GROUND STORAGE TANKS	<a href="#">ABST</a>	1	0	0.2500
ABOVEGROUND STORAGE TANKS PRIOR TO JANUARY 2008	<a href="#">AST2007</a>	0	0	0.2500
HISTORICAL UNDERGROUND STORAGE TANKS	<a href="#">HISTUST</a>	2	0	0.2500
STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM	<a href="#">SWEEPS</a>	1	0	0.2500
UNDERGROUND STORAGE TANKS	<a href="#">USTCUPA</a>	1	0	0.2500
BROWNFIELD SITES	<a href="#">BF</a>	0	0	0.5000
CALSITES DATABASE	<a href="#">CALSITES</a>	0	0	0.5000
GEOTRACKER CLEANUP SITES	<a href="#">CLEANUPSITES</a>	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	<a href="#">LUST</a>	0	0	0.5000
SOLID WASTE INFORMATION SYSTEM SITES	<a href="#">SWIS</a>	2	0	0.5000
VOLUNTARY CLEANUP PROGRAM	<a href="#">VCP</a>	0	0	0.5000
ENVIROSTOR CLEANUP SITES	<a href="#">ENVIROSTOR</a>	1	0	1.0000
ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES	<a href="#">ENVIROSTORPCA</a>	0	0	1.0000
<b>SUB-TOTAL</b>		<b>8</b>	<b>0</b>	

#### Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT SYSTEM	<a href="#">CHMIRS</a>	1	0	TP/AP
CLANDESTINE DRUG LABS	<a href="#">CDL</a>	0	0	TP/AP
EMISSIONS INVENTORY DATA	<a href="#">EMI</a>	0	0	TP/AP
HAZARDOUS WASTE TANNER SUMMARY	<a href="#">HWTS</a>	6	0	TP/AP
LAND DISPOSAL SITES	<a href="#">LDS</a>	0	0	TP/AP
MILITARY CLEANUP SITES	<a href="#">MCS</a>	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM FACILITIES	<a href="#">NPDES</a>	0	0	TP/AP
RECORDED ENVIRONMENTAL CLEANUP LIENS	<a href="#">LIENS</a>	0	0	TP/AP
REGISTERED WASTE TIRE HAULERS	<a href="#">WTHAULERS</a>	0	0	TP/AP
CALIFORNIA MEDICAL WASTE MANAGEMENT PROGRAM FACILITY LIST	<a href="#">MWMP</a>	0	0	0.2500
DTSC REGISTERED HAZARDOUS WASTE TRANSPORTERS	<a href="#">DTSCHWT</a>	0	0	0.2500
DRY CLEANER FACILITIES	<a href="#">CLEANER</a>	0	0	0.2500

## Database Summary

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
MINES LISTING	<a href="#">MINES</a>	0	0	0.2500
SPILLS, LEAKS, INVESTIGATION & CLEANUP RECOVERY LISTING	<a href="#">SLIC</a>	0	0	0.2500
CORTESE LIST	<a href="#">CORTESE</a>	0	0	0.5000
EXPEDITED REMOVAL ACTION PROGRAM SITES	<a href="#">ERAP</a>	0	0	0.5000
HISTORICAL CORTESE LIST	<a href="#">HISTCORTESE</a>	0	0	0.5000
LISTING OF CERTIFIED DROPOFF, COLLECTION, AND COMMUNITY SERVICE PROGRAMS	<a href="#">DROP</a>	0	0	0.5000
LISTING OF CERTIFIED PROCESSORS	<a href="#">PROC</a>	0	0	0.5000
NO FURTHER ACTION DETERMINATION	<a href="#">NFA</a>	0	0	0.5000
RECYCLING CENTERS	<a href="#">SWRCY</a>	0	0	0.5000
REFERRED TO ANOTHER LOCAL OR STATE AGENCY	<a href="#">REF</a>	0	0	0.5000
SITES NEEDING FURTHER EVALUATION	<a href="#">NFE</a>	0	0	0.5000
WASTE MANAGEMENT UNIT DATABASE	<a href="#">WMUDS</a>	0	0	0.5000
TOXIC PITS CLEANUP ACT SITES	<a href="#">TOXPITS</a>	0	0	1.0000
<b>SUB-TOTAL</b>		<b>7</b>	<b>0</b>	

## Database Summary

### LOCAL LISTING

#### Additional Environmental Records

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
SAN DIEGO COUNTY ENVIRONMENTAL ASSESSMENT CASE LISTING	<a href="#">SDEACL</a>	0	0	TP/AP
SAN DIEGO COUNTY HAZARDOUS MATERIALS MANAGEMENT DIVISION DATABASE	<a href="#">HMMDD</a>	3	0	TP/AP
SAN DIEGO COUNTY SOLID WASTE FACILITIES	<a href="#">SDSWF</a>	0	0	0.5000
<b>SUB-TOTAL</b>		<b>3</b>	<b>0</b>	

## Database Summary

### **TRIBAL LISTING**

#### **Standard Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<a href="#">LUSTR09</a>	0	0	0.2500
ILLEGAL DUMP SITES ON THE TORRES MARTINEZ RESERVATION	<a href="#">TORRESDUMPSITES</a>	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<a href="#">LUSTR09</a>	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	<a href="#">ODINDIAN</a>	0	0	0.5000

SUB-TOTAL		0	0	
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#### **Additional Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
INDIAN RESERVATIONS	<a href="#">INDIANRES</a>	3	0	1.0000

SUB-TOTAL		3	0	
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TOTAL		49	0	
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## Database Radius Summary

### FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
<b>EC</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ECHOR09	0.0200	2	NS	NS	NS	NS	NS	2
<b>ERNSCA</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
FRSCA	0.0200	23	NS	NS	NS	NS	NS	23
HMIRSR09	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
<b>LUCIS</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDESR09	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR09	0.0200	0	NS	NS	NS	NS	NS	0
<b>RCRASC</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
<b>RCRAGR09</b>	<b>0.1250</b>	<b>1</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>1</b>
<b>RCRANGR09</b>	<b>0.1250</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
<b>FEMAUST</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	1	0	0	NS	NS	NS	1
<b>BF</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>DNPL</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>NLRRCRAT</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ODI	0.5000	0	0	0	0	NS	NS	0
<b>RCRAT</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>

## Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<b>SEMS</b>	0.5000	0	0	0	0	NS	NS	0
<b>SEMSARCH</b>	0.5000	0	0	0	0	NS	NS	0
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	1	0	0	0	0	NS	1
FUSRAP	1.0000	0	0	0	0	0	NS	0
<b>NLRRCRAC</b>	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
<b>NPL</b>	1.0000	0	0	0	0	0	NS	0
<b>PNPL</b>	1.0000	0	0	0	0	0	NS	0
<b>RCRAC</b>	1.0000	0	0	0	0	0	NS	0
<b>RCRASUBC</b>	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
<b>SUB-TOTAL</b>		28	0	0	0	0	0	28



## Database Radius Summary

### STATE (CA) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
CDL	0.0200	0	NS	NS	NS	NS	NS	0
CHMIRS	0.0200	1	NS	NS	NS	NS	NS	1
<b>DTSCDR</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
EMI	0.0200	0	NS	NS	NS	NS	NS	0
HWTS	0.0200	6	NS	NS	NS	NS	NS	6
LDS	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
MCS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES	0.0200	0	NS	NS	NS	NS	NS	0
WTHAULERS	0.0200	0	NS	NS	NS	NS	NS	0
<b>ABST</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>1</b>
<b>AST2007</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
CLEANER	0.2500	0	0	0	NS	NS	NS	0
DTSCHWT	0.2500	0	0	0	NS	NS	NS	0
<b>HISTUST</b>	<b>0.2500</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>2</b>
MINES	0.2500	0	0	0	NS	NS	NS	0
MWMP	0.2500	0	0	0	NS	NS	NS	0
SLIC	0.2500	0	0	0	NS	NS	NS	0
<b>SWEEPS</b>	<b>0.2500</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>1</b>
<b>USTCUPA</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>1</b>
<b>BF</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>CALSITES</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>CLEANUPSITES</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
CORTESE	0.5000	0	0	0	0	NS	NS	0
DROP	0.5000	0	0	0	0	NS	NS	0
ERAP	0.5000	0	0	0	0	NS	NS	0
HISTCORTESE	0.5000	0	0	0	0	NS	NS	0
<b>LUST</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
NFA	0.5000	0	0	0	0	NS	NS	0
NFE	0.5000	0	0	0	0	NS	NS	0
PROC	0.5000	0	0	0	0	NS	NS	0
REF	0.5000	0	0	0	0	NS	NS	0
<b>SWIS</b>	<b>0.5000</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>NS</b>	<b>NS</b>	<b>2</b>
SWRCY	0.5000	0	0	0	0	NS	NS	0
<b>VCP</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>

## Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
WMUDS	0.5000	0	0	0	0	NS	NS	0
ENVIROSTOR	1.0000	0	0	0	0	1	NS	1
ENVIROSTORPCA	1.0000	0	0	0	0	0	NS	0
TOXPITS	1.0000	0	0	0	0	0	NS	0
<b>SUB-TOTAL</b>		9	2	2	1	1	0	15

## Database Radius Summary

### **LOCAL LISTING**

Standard environmental records are displayed in **bold**.

<b>Acronym</b>	<b>Search Radius (miles)</b>	<b>TP/AP (0 - 0.02)</b>	<b>1/8 Mile (&gt; TP/AP)</b>	<b>1/4 Mile (&gt; 1/8)</b>	<b>1/2 Mile (&gt; 1/4)</b>	<b>1 Mile (&gt; 1/2)</b>	<b>&gt; 1 Mile</b>	<b>Total</b>
HMMDD	0.0200	3	NS	NS	NS	NS	NS	3
SDEACL	0.0200	0	NS	NS	NS	NS	NS	0
SDSWF	0.5000	0	0	0	0	NS	NS	0
<b>SUB-TOTAL</b>		3	0	0	0	0	0	3

## Database Radius Summary

### **TRIBAL LISTING**

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<b>USTR09</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>LUSTR09</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>ODINDIAN</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>TORRESDUMPSITES</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>INDIANRES</b>	<b>1.0000</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>3</b>
<b>SUB-TOTAL</b>		<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>

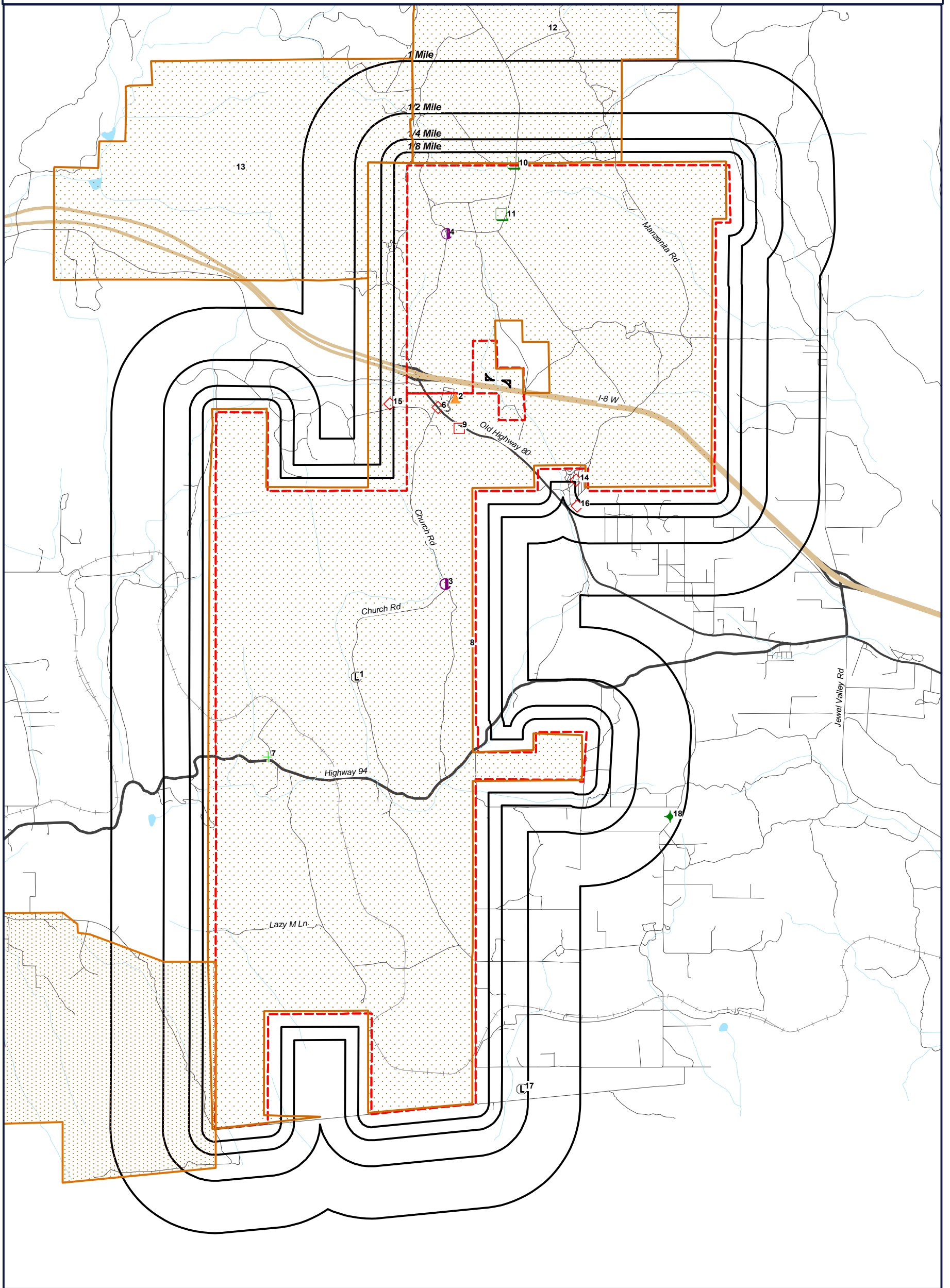
<b>TOTAL</b>		<b>42</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>49</b>
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**NOTES:**

**NS = NOT SEARCHED**

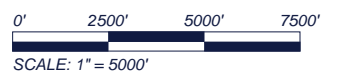
**TP/AP = TARGET PROPERTY/ADJACENT PROPERTY**

**RADIUS MAP**



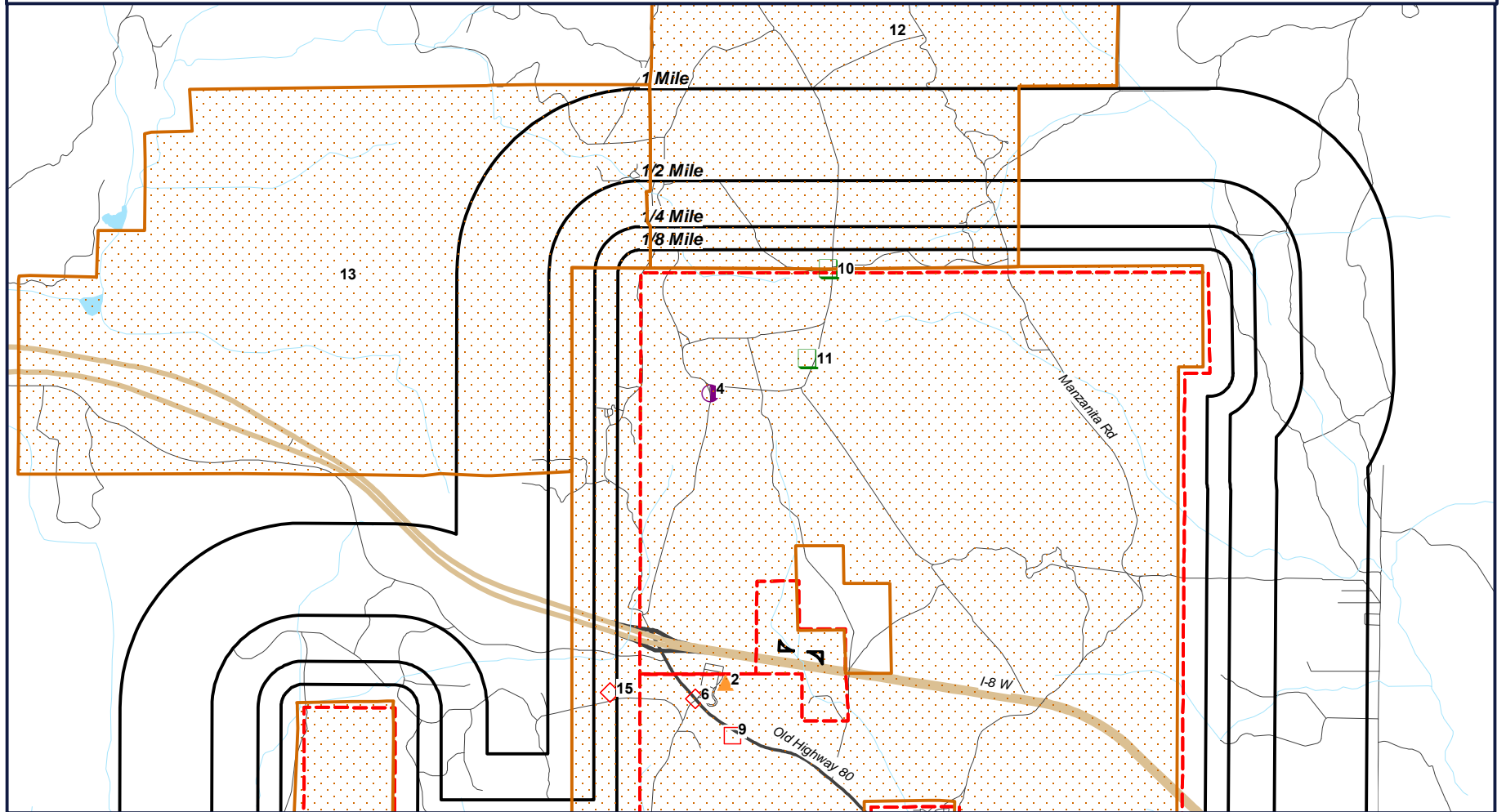
- Target Property (TP)
- SWIS
- CHMIRS
- HWTS
- FUDS
- HISTUST
- HMMDD
- INDIANRES
- RCRAGR09
- FRSCA
- SWEEPS
- ABST
- USTCUPA
- ENVIROSTOR

**Campo Project  
San Diego County, California**





# RADIUS MAP



## Campo Project San Diego County, California

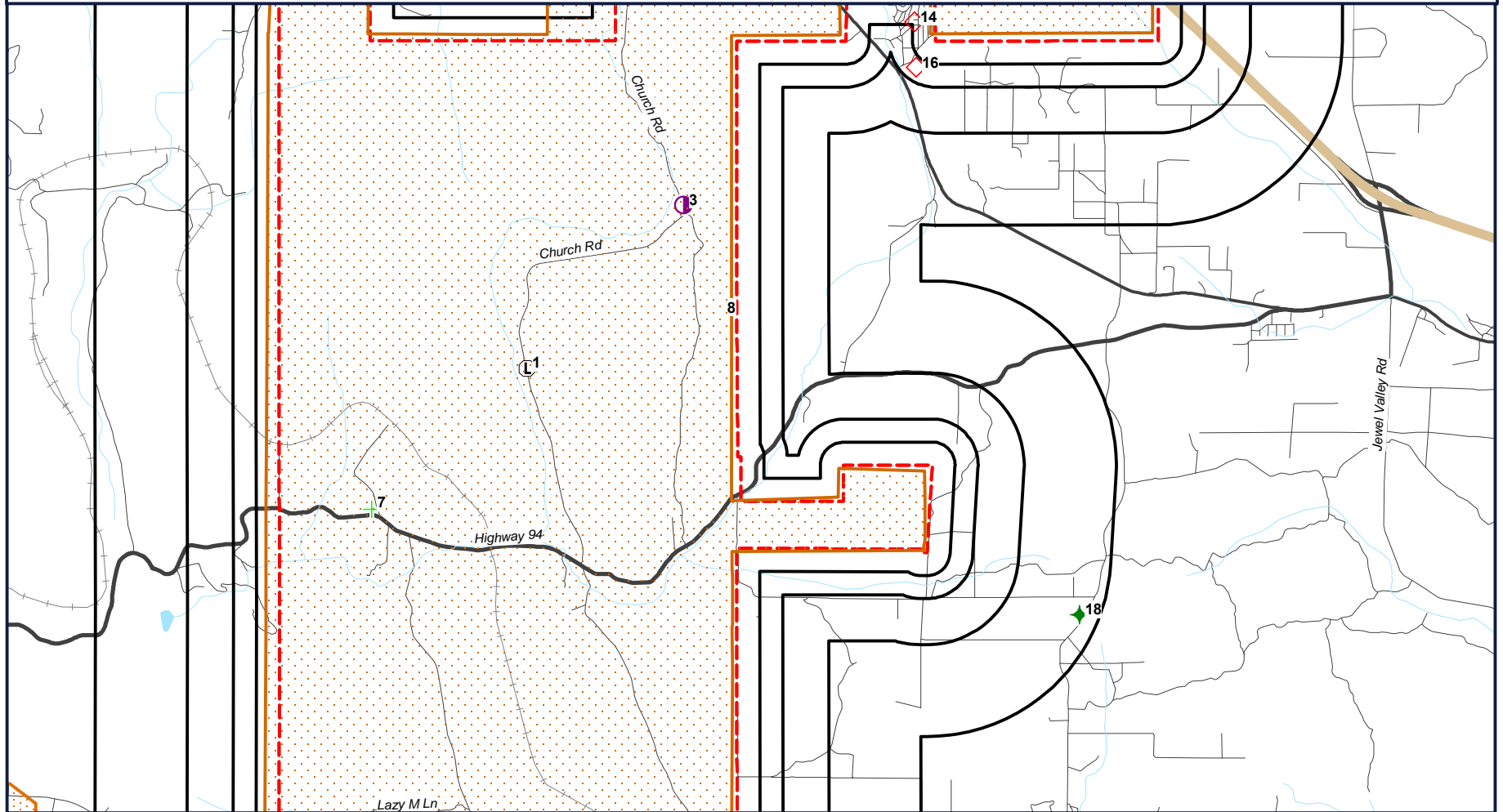
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|----------------------|-----------|------------|
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| SWIS                 | INDIANRES | USTCUPA    |
| CHMIRS               | RCRAGR09  | ENVIROSTOR |
| HWTS                 | FRSCA     |            |
| FUDS                 | SWEEPS    |            |
| HISTUST              |           |            |



0' 2250' 4500' 6750'  
SCALE: 1" = 4500'

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) - phone: 866-396-0042 - fax: 512-472-9967

# RADIUS MAP



## Campo Project San Diego County, California

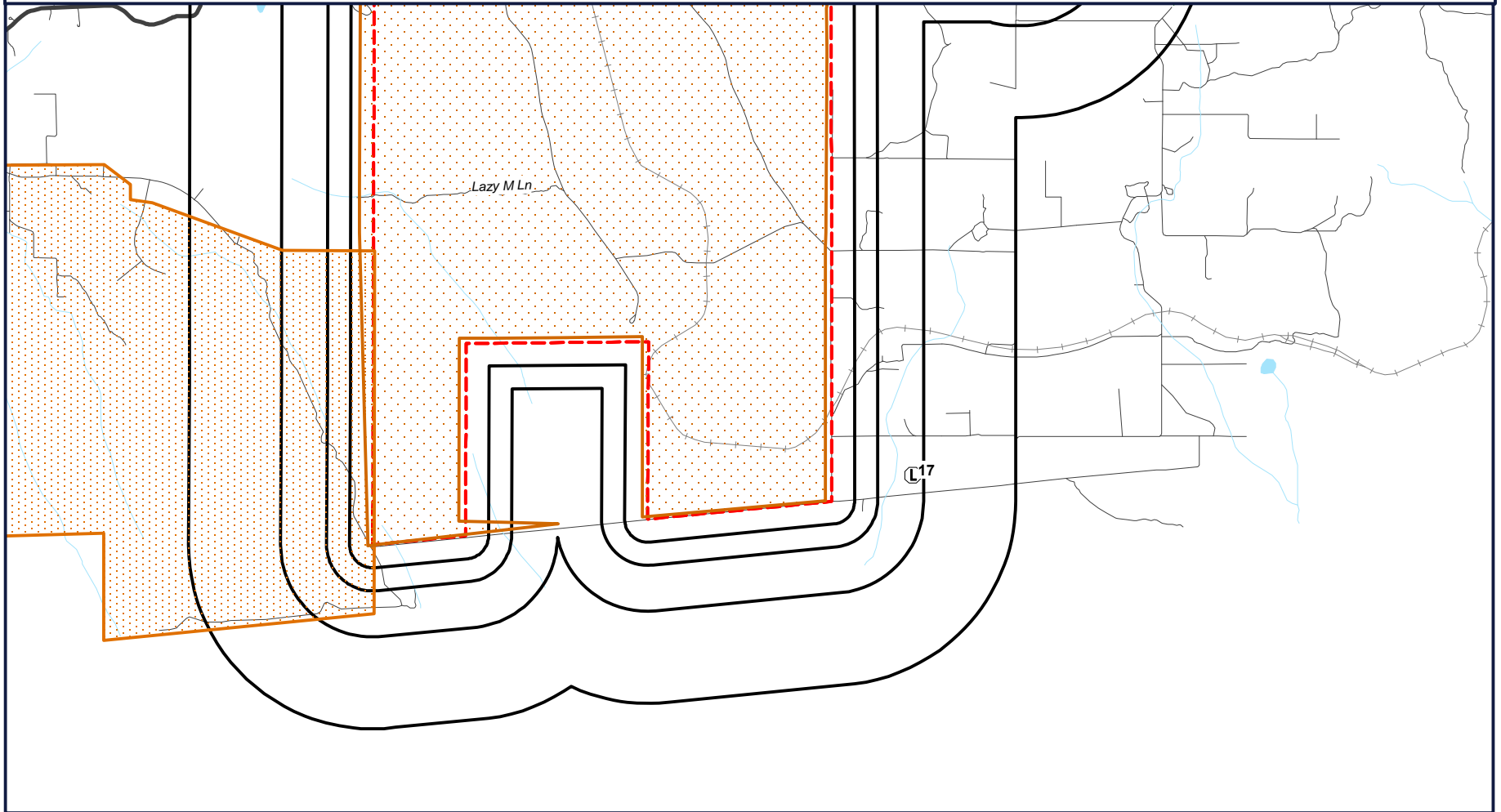
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|----------------------|-----------|------------|
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| SWIS                 | INDIANRES | USTCUPA    |
| CHMIRS               | RCRAGR09  | ENVIROSTOR |
| HWTS                 | FRSCA     |            |
| FUDS                 | SWEEPS    |            |
| HISTUST              |           |            |



**GeoSearch** [www.geo-search.com](http://www.geo-search.com) - phone: 866-396-0042 - fax: 512-472-9967

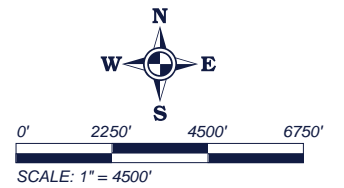


# RADIUS MAP



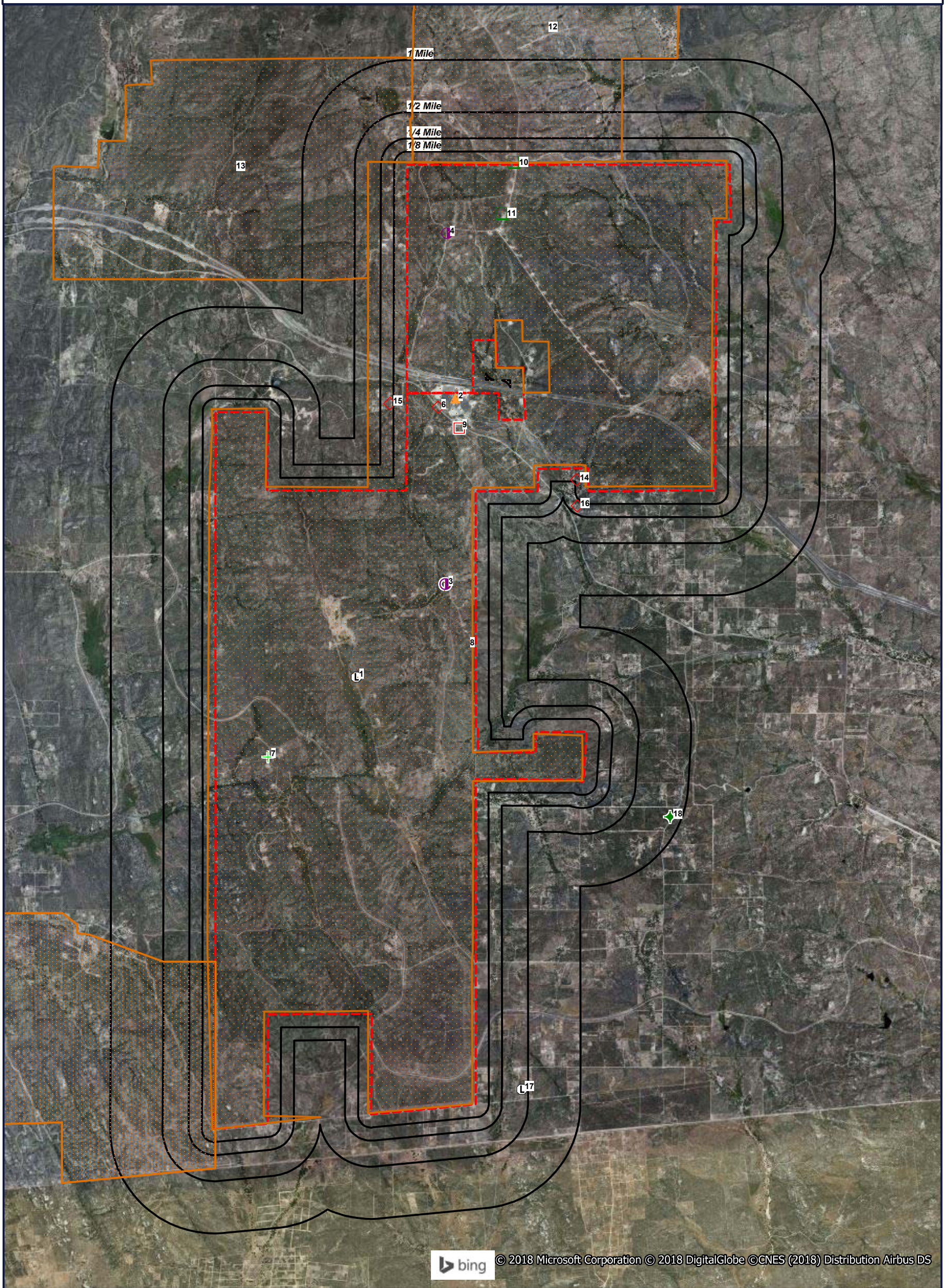
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|----------------------|-----------|------------|
| Target Property (TP) | HMMDD     | ABST       |
| SWIS                 | INDIANRES | USTCUPA    |
| CHMIRS               | RCRA09    | ENVIROSTOR |
| HWTS                 | FRSCA     |            |
| FUDS                 | SWEEPS    |            |
| HISTUST              |           |            |

**Campo Project**  
**San Diego County, California**





ORTHOPHOTO MAP



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- Target Property (TP)
- SWIS
- CHMIRS
- HWTS
- FUDS
- HISTUST
- HMMDD
- INDIANRES
- RCRAGR09
- FRSCA
- SWEEPS
- ABST
- USTCUPA
- ENVIROSTOR

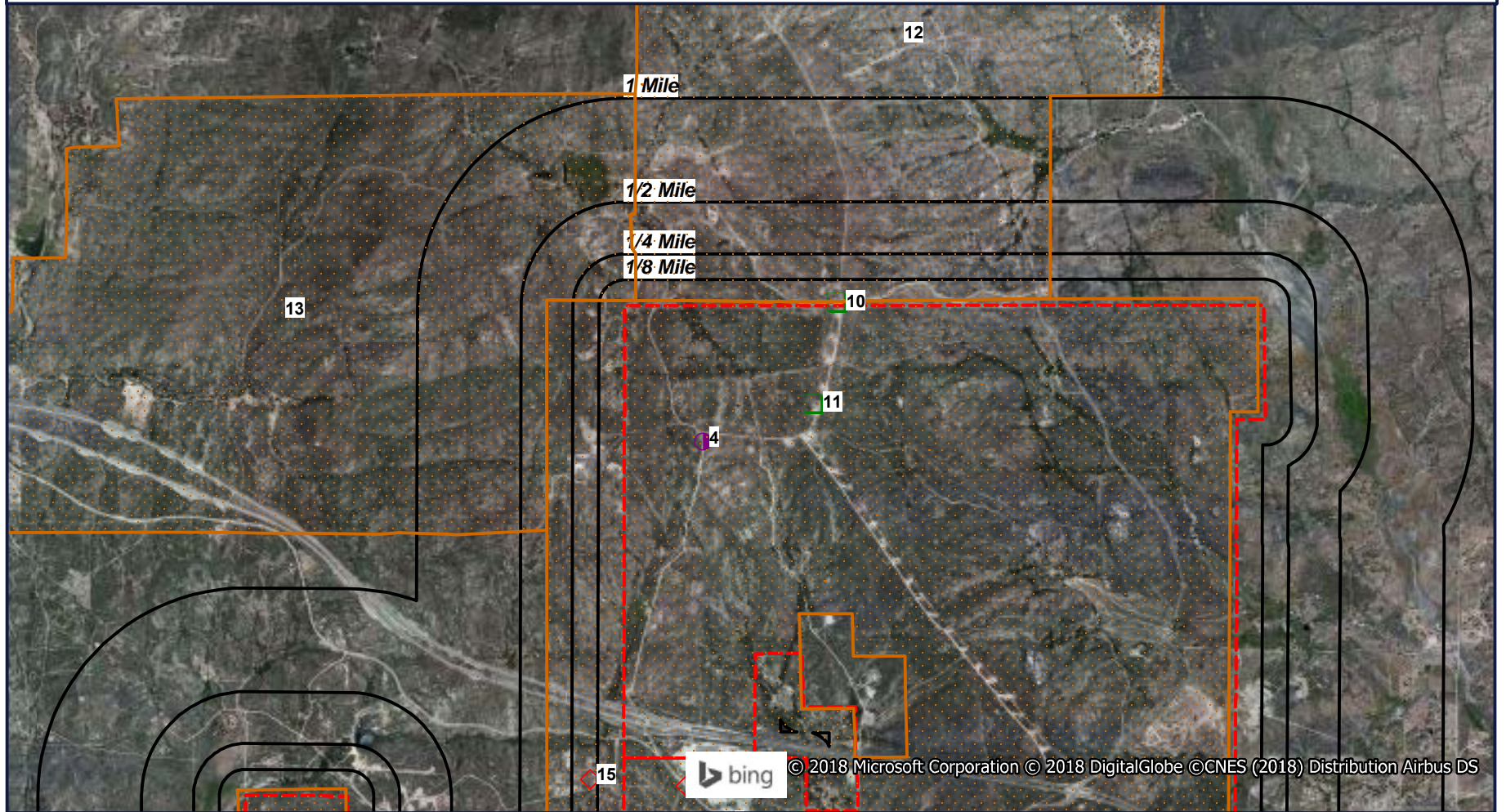
**Quadrangle(s): Tierra Del Sol,  
Live Oak Springs, Cameron  
Corners, Campo  
Campo Project  
San Diego County, California**



0' 2500' 5000' 7500'  
SCALE: 1" = 5000'

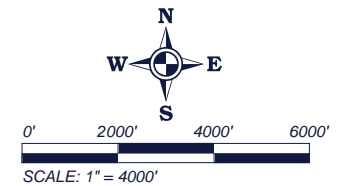


# ORTHOPHOTO MAP

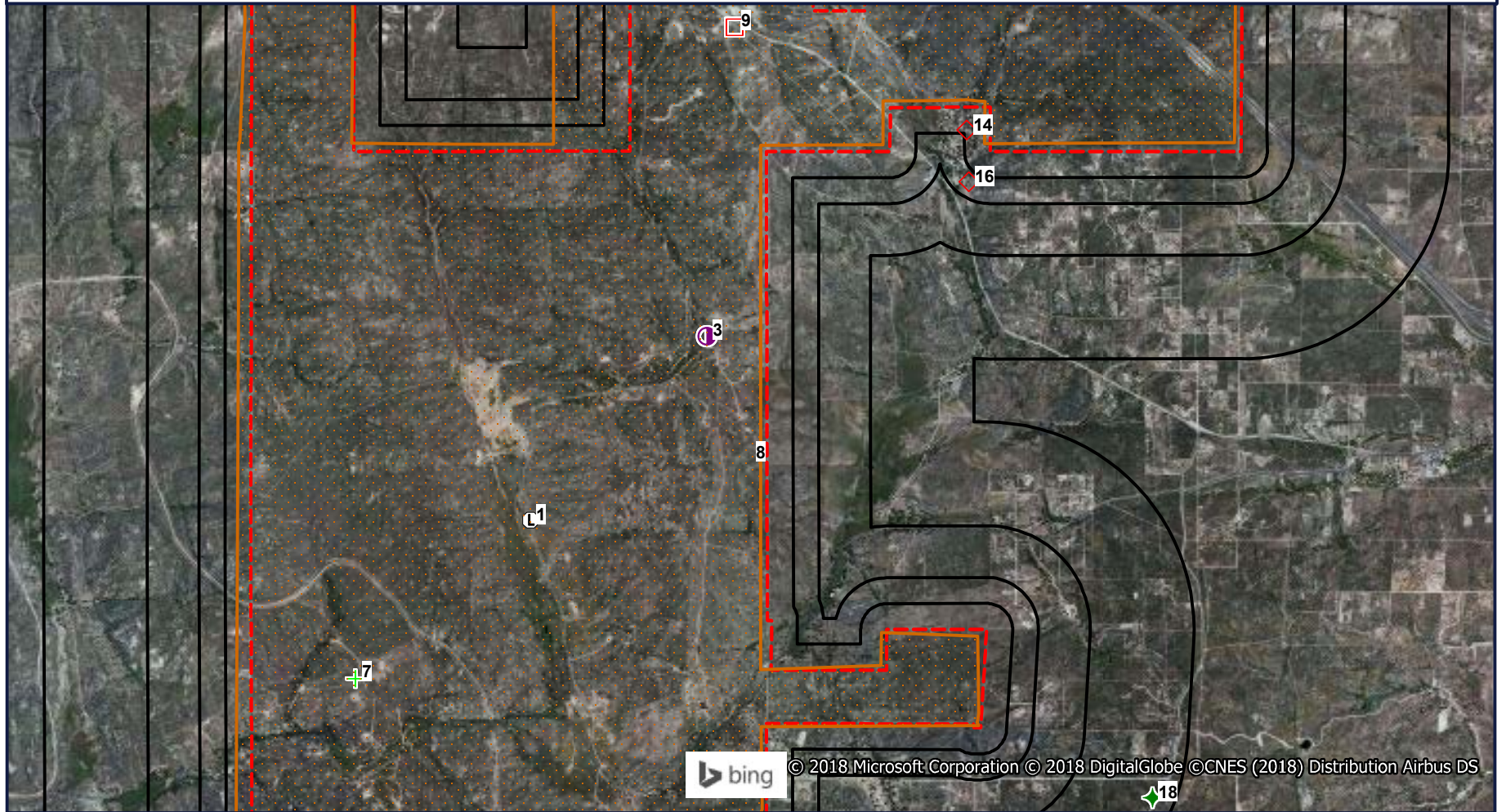


- |                      |           |            |
|----------------------|-----------|------------|
| Target Property (TP) | HMMDD     | ABST       |
| SWIS                 | INDIANRES | USTCUPA    |
| CHMIRS               | RCRA09    | ENVIROSTOR |
| HWTS                 | FRSCA     |            |
| FUDS                 | SWEEPS    |            |
| HISTUST              |           |            |

**Quadrangle(s): Tierra Del Sol,  
Live Oak Springs, Cameron  
Corners, Campo  
Campo Project  
San Diego County, California**



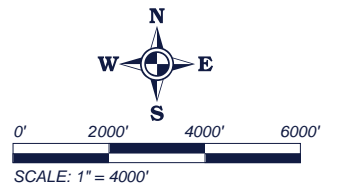
# ORTHOPHOTO MAP



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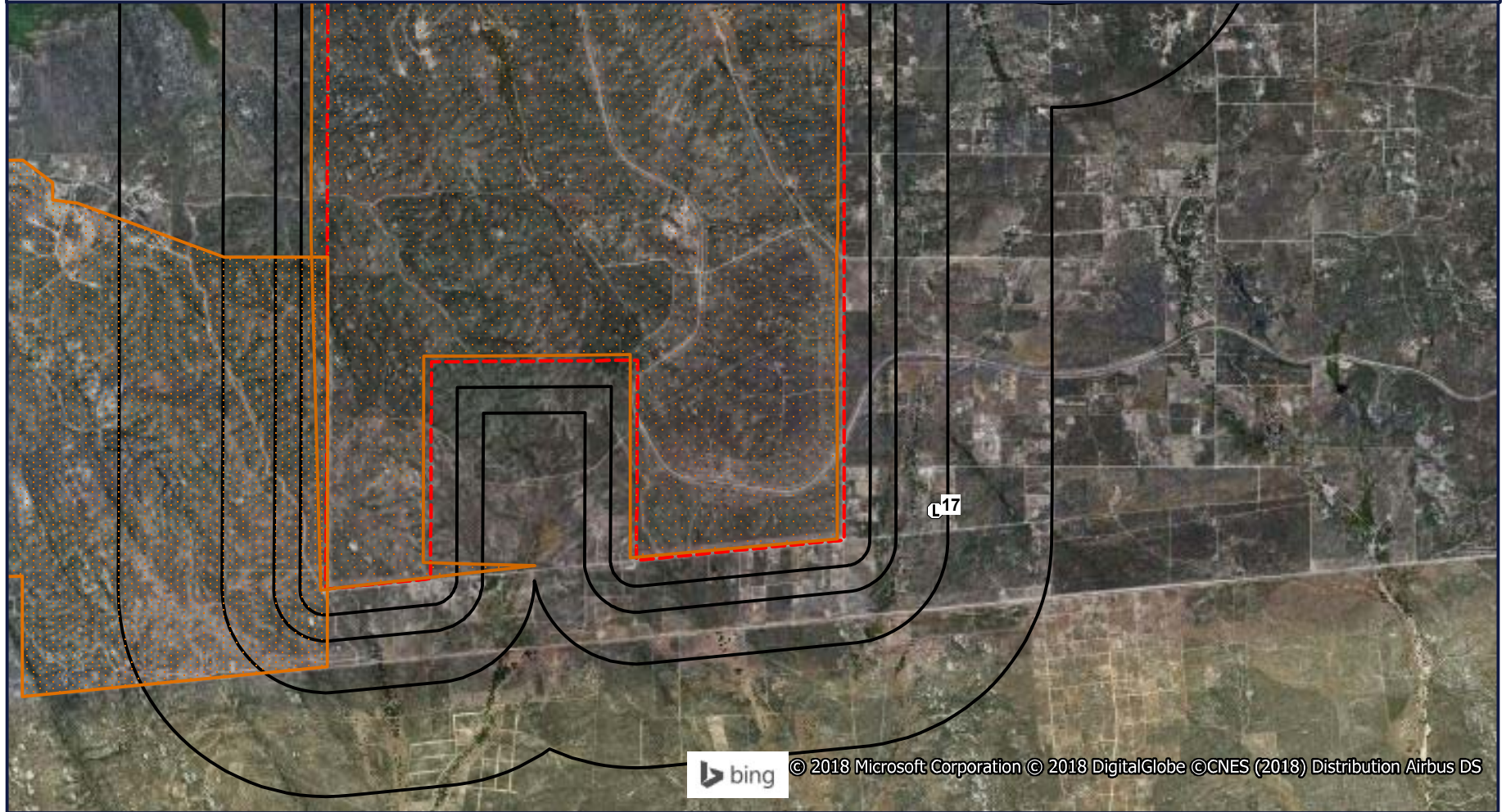
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|----------------------|-----------|------------|
| Target Property (TP) | HMMDD     | ABST       |
| SWIS                 | INDIANRES | USTCUPA    |
| CHMIRS               | RCRA09    | ENVIROSTOR |
| HWTS                 | FRSCA     |            |
| FUDS                 | SWEEPS    |            |
| HISTUST              |           |            |

**Quadrangle(s): Tierra Del Sol,  
Live Oak Springs, Cameron  
Corners, Campo  
Campo Project  
San Diego County, California**



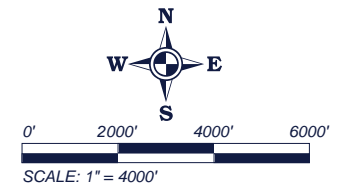
**GeoSearch** [www.geo-search.com](http://www.geo-search.com) - phone: 866-396-0042 - fax: 512-472-9967

# ORTHOPHOTO MAP



- |                      |           |            |
|----------------------|-----------|------------|
| Target Property (TP) | HMMDD     | ABST       |
| SWIS                 | INDIANRES | USTCUPA    |
| CHMIRS               | RCRAGR09  | ENVIROSTOR |
| HWTS                 | FRSCA     |            |
| FUDS                 | SWEEPS    |            |
| HISTUST              |           |            |

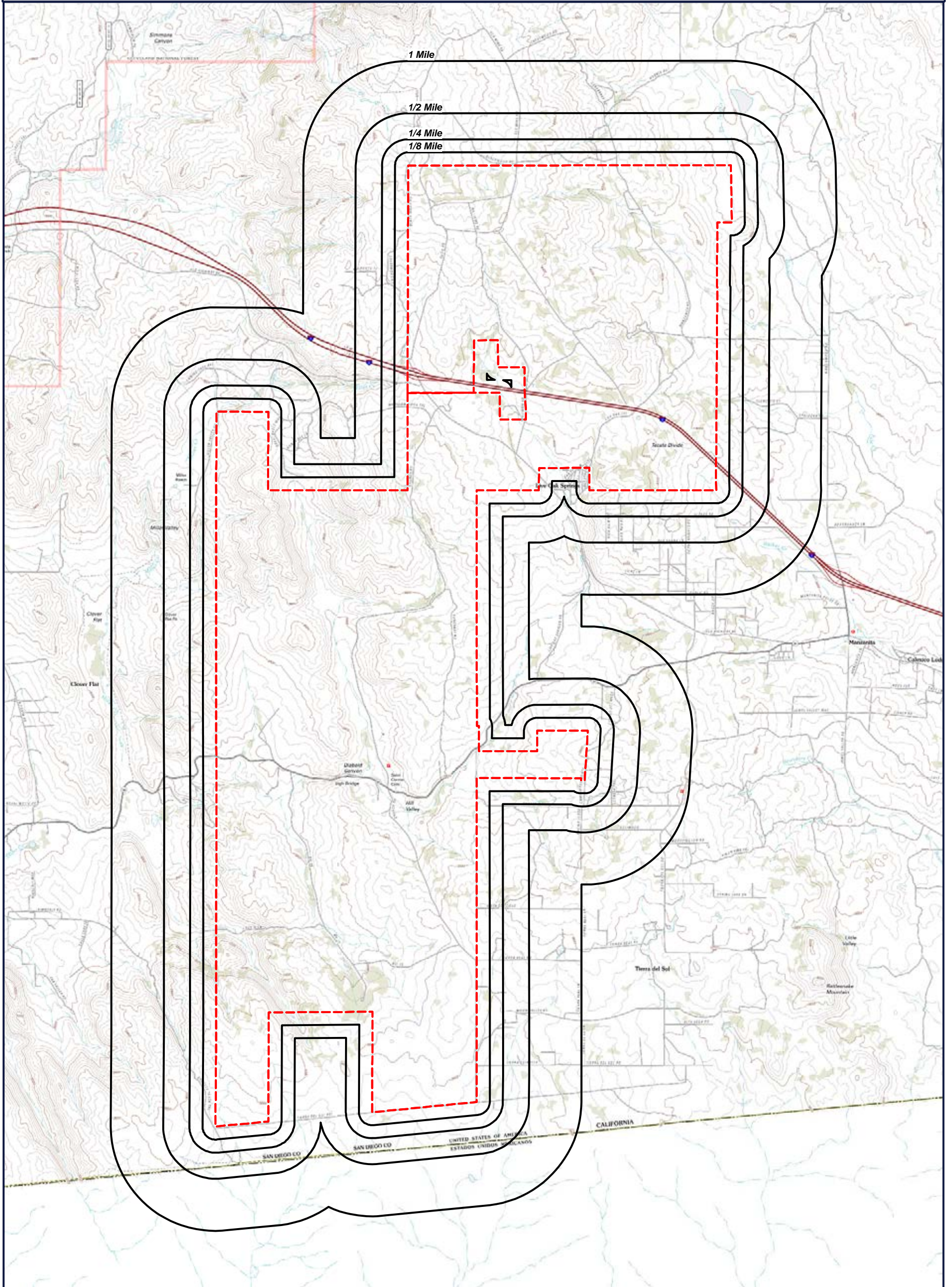
**Quadrangle(s): Tierra Del Sol,  
Live Oak Springs, Cameron  
Corners, Campo  
Campo Project  
San Diego County, California**







TOPOGRAPHIC MAP



 Target Property (TP)

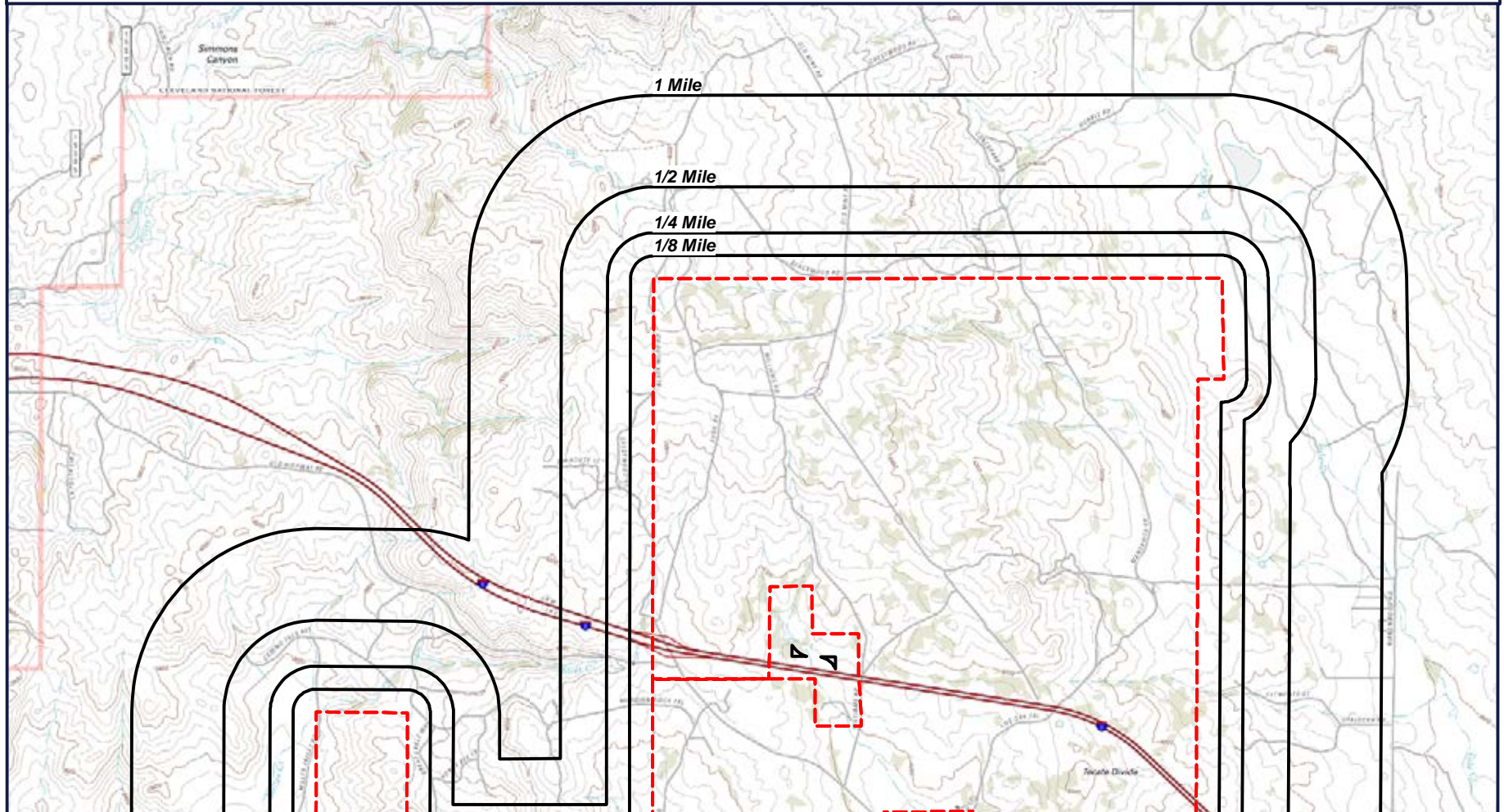
**Quadrangle(s):** Tierra Del Sol,  
Live Oak Springs, Cameron  
Corners, Campo  
**Source:** USGS, 03/21/2012  
Campo Project  
San Diego County, California



0' 2500' 5000' 7500'  
SCALE: 1" = 5000'



# TOPOGRAPHIC MAP



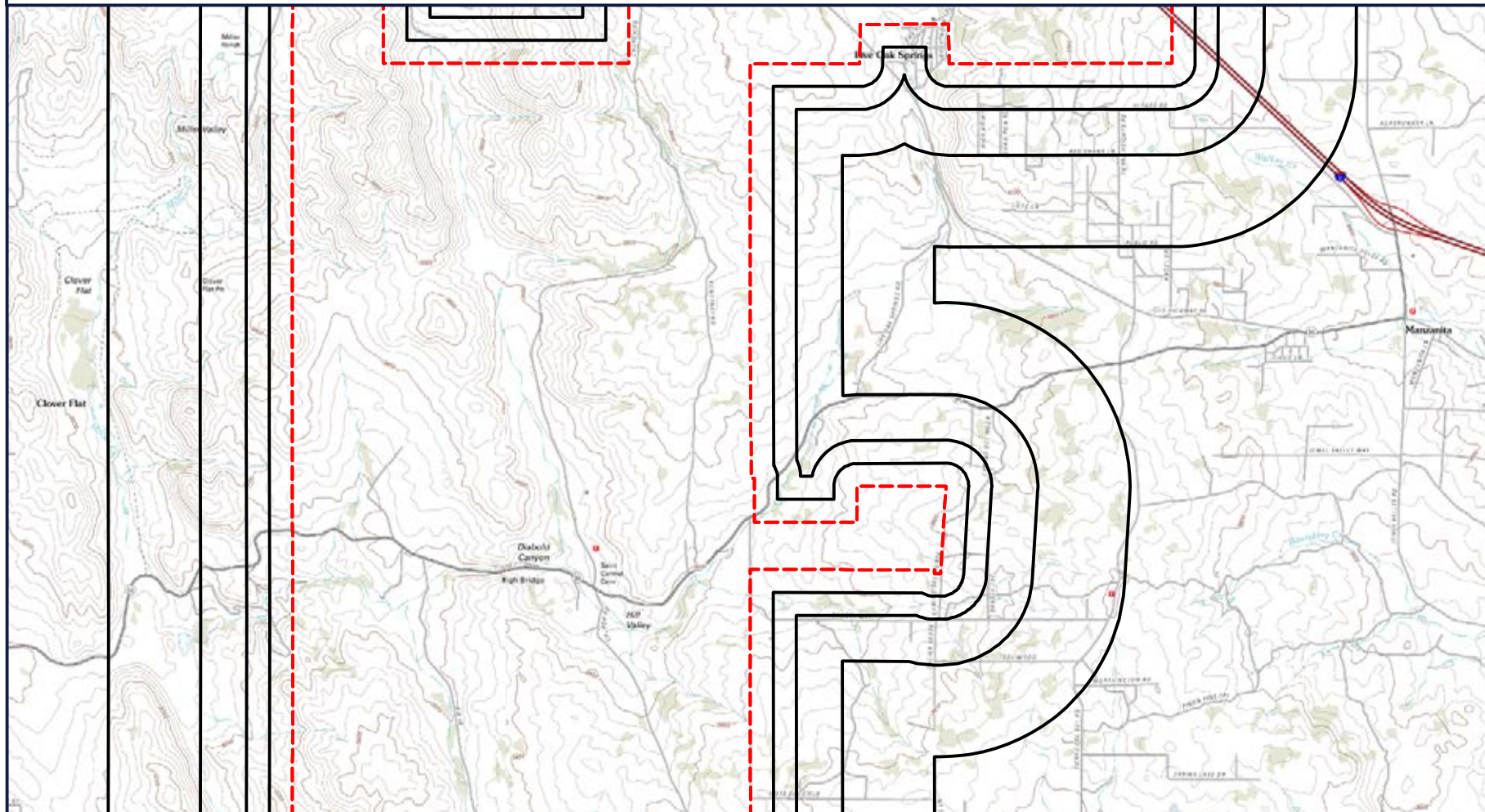
**Quadrangle(s):** Tierra Del Sol,  
Live Oak Springs, Cameron  
Corners, Campo  
**Source:** USGS, 03/21/2012  
**Campo Project**  
**San Diego County, California**



**GeoSearch**

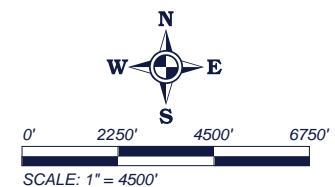
[www.geo-search.net](http://www.geo-search.net) - phone: 866-396-0042 - fax: 512-472-9967

# TOPOGRAPHIC MAP



 Target Property (TP)

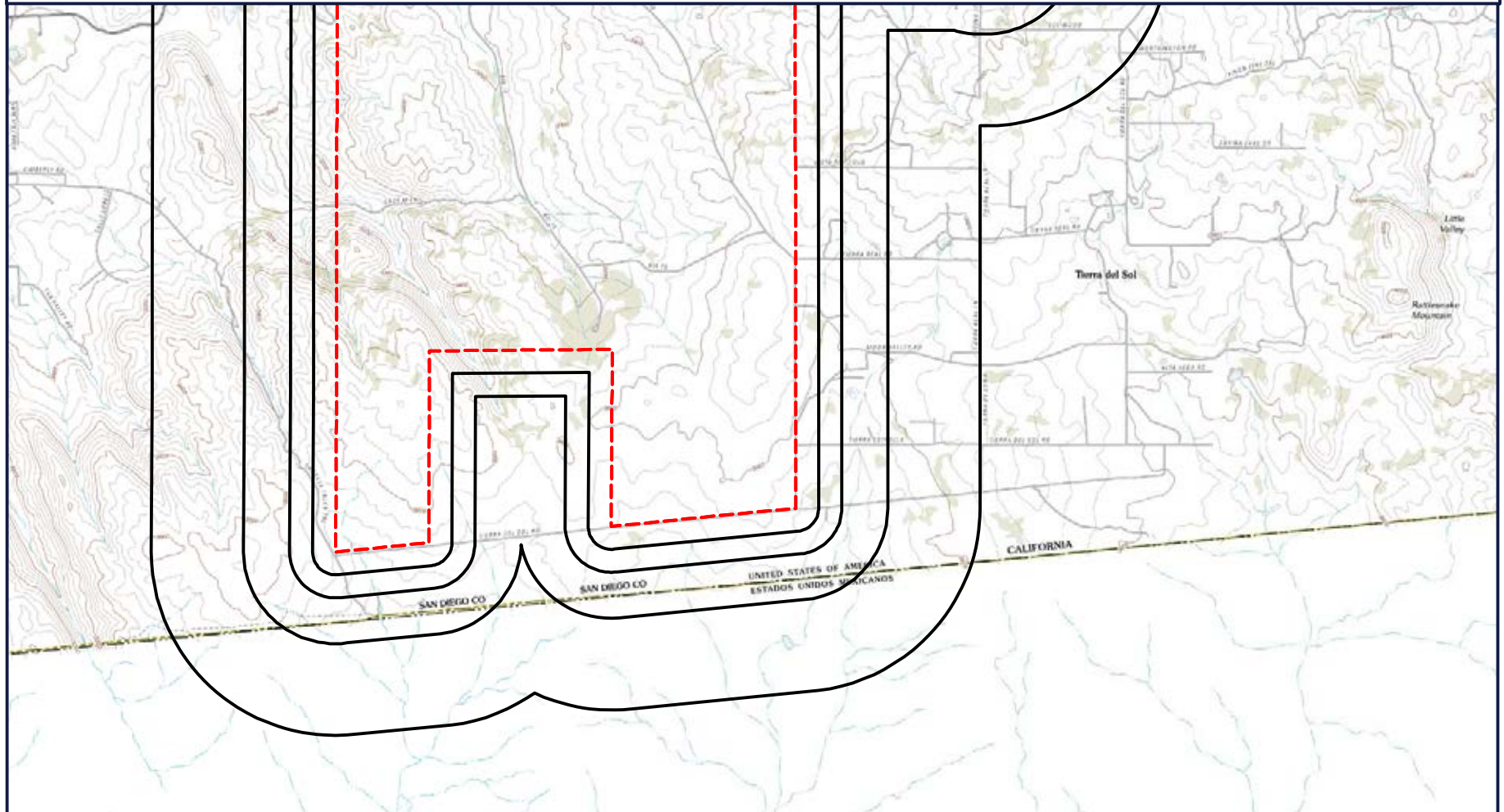
**Quadrangle(s):** Tierra Del Sol,  
Live Oak Springs, Cameron  
Corners, Campo  
**Source:** USGS, 03/21/2012  
**Campo Project**  
**San Diego County, California**




**GeoSearch**

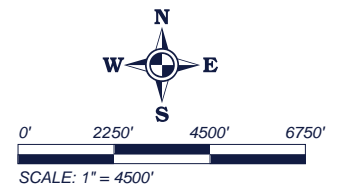
[www.geo-search.net](http://www.geo-search.net) - phone: 866-396-0042 - fax: 512-472-9967

# TOPOGRAPHIC MAP



 Target Property (TP)

**Quadrangle(s):** *Tierra Del Sol,  
Live Oak Springs, Cameron  
Corners, Campo*  
**Source:** *USGS, 03/21/2012*  
**Campo Project**  
**San Diego County, California**



**GeoSearch**

[www.geo-search.net](http://www.geo-search.net) - phone: 866-396-0042 - fax: 512-472-9967

## Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
<a href="#">1</a>	FRSCA	110030466680	Lower (3,349 ft.)	TP	CAMPO RESERVATION - CASINO WWTF GW MONITORING	36190 CHURCH ROAD, SUITE 1, CAMPO, CA 91906	<a href="#">32</a>
<a href="#">1</a>	FRSCA	110030473459	Lower (3,349 ft.)	TP	CAMPO RESERVATION - IHC CLINIC DRAINFIELD	36190 CHURCH RD, STE. 1, CAMPO, CA 91906	<a href="#">33</a>
<a href="#">1</a>	FRSCA	110033008073	Lower (3,349 ft.)	TP	CAMPO CASINO (GOLDEN ACORN CASINO)	36190 CHURCH ROAD, SUITE 1, CAMPO, CA 91906	<a href="#">34</a>
<a href="#">1</a>	HWTS	IRC060922012	Lower (3,349 ft.)	TP	CAMPO INDIAN RESERVATION	36190 CHURCH RD #2, CAMPO, CA 91906	<a href="#">35</a>
<a href="#">1</a>	<b>SWIS</b>	<b>37-CR-0117SWIS</b>	<b>Lower (3,349 ft.)</b>	<b>TP</b>	<b>CAMPO REVERSATION IDS (2136)</b>	<b>36190CHURCH STREET, CAMPO, CA 91906</b>	<a href="#">38</a>
<a href="#">2</a>	CHMIRS	17-3163	Higher (4,161 ft.)	TP		1800 GOLDEN ACORN WAY - INDIAN RESERVATION, SAN DIEGO, CA 91906	<a href="#">39</a>
<a href="#">2</a>	ECHOR09	110065246246	Higher (4,161 ft.)	TP	GOLDEN ACORN CASINO & TRAVEL CENTER	1800 GOLDEN ACORN, CAMPO, CA 91906	<a href="#">40</a>
<a href="#">2</a>	FRSCA	110028160969	Higher (4,161 ft.)	TP	GOLDEN ACORN QUICK MART	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">41</a>
<a href="#">2</a>	FRSCA	110032612652	Higher (4,161 ft.)	TP	CAMPO TRIBAL DF1	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">42</a>
<a href="#">2</a>	FRSCA	110032612705	Higher (4,161 ft.)	TP	CAMPO TRIBAL DF2	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">43</a>
<a href="#">2</a>	FRSCA	110032612723	Higher (4,161 ft.)	TP	CAMPO TRIBAL DF3	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">44</a>
<a href="#">2</a>	FRSCA	110032612732	Higher (4,161 ft.)	TP	CAMPO TRIBAL DF4	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">45</a>
<a href="#">2</a>	FRSCA	110032612741	Higher (4,161 ft.)	TP	CAMPO TRIBAL DF5	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">46</a>
<a href="#">2</a>	FRSCA	110032612750	Higher (4,161 ft.)	TP	CAMPO TRIBAL DF6	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">47</a>
<a href="#">2</a>	FRSCA	110032612769	Higher (4,161 ft.)	TP	CAMPO TRIBAL DF7	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">48</a>
<a href="#">2</a>	FRSCA	110032612778	Higher (4,161 ft.)	TP	CAMPO TRIBAL DF8	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">49</a>
<a href="#">2</a>	FRSCA	110032612787	Higher (4,161 ft.)	TP	CAMPO TRIBAL DW1	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">50</a>
<a href="#">2</a>	FRSCA	110032613580	Higher (4,161 ft.)	TP	CAMPO TRIBAL DW2	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">51</a>
<a href="#">2</a>	FRSCA	110043719241	Higher (4,161 ft.)	TP	CAMPO SERVICE STATION	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">52</a>
<a href="#">2</a>	FRSCA	110050937901	Higher (4,161 ft.)	TP	CAMPO CASINO (GOLDEN ACORN CASINO)	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">53</a>
<a href="#">2</a>	FRSCA	110065246246	Higher (4,161 ft.)	TP	GOLDEN ACORN CASINO & TRAVEL CENTER	1800 GOLDEN ACORN, CAMPO, CA 91906	<a href="#">54</a>

## Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
<a href="#">2</a>	FRSCA	110066166856	Higher (4,161 ft.)	TP	AT&T MOBILITY - AWE - I8 & OLD HWY 80 (USID82366)	1800 GOLDEN ACORN WY, CAMPO, CA 91906	<a href="#">55</a>
<a href="#">2</a>	HMMDD	DEH2010-HUPFP-213302	Higher (4,161 ft.)	TP	AT&T MOBILITY - AWE - I8 & OLD HWY 80 (USID82366)	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">56</a>
<a href="#">2</a>	HMMDD	DEH2016-HUPFP-002599	Higher (4,161 ft.)	TP	VERIZON WIRELESS: GOLDEN ACORN	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">57</a>
<a href="#">2</a>	HWTS	CAC002601428	Higher (4,161 ft.)	TP	GOLDEN ACORN CASINO	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">58</a>
<a href="#">2</a>	HWTS	CAC002662990	Higher (4,161 ft.)	TP	INTERSTATE DISTRIBUTION CO	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">60</a>
<a href="#">2</a>	HWTS	CAL000326538	Higher (4,161 ft.)	TP	GOLDEN ACORN CASINO/TRAVEL CENTER	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">61</a>
<a href="#">3</a>	FRSCA	110057930182	Higher (3,640 ft.)	TP	CAMPO MATERIALS COMPANY	36501 CHURCH ROAD, CAMPO, CA 91906	<a href="#">66</a>
<a href="#">3</a>	HWTS	CAC002636800	Higher (3,640 ft.)	TP	CAMPO MATERIALS INC	36501 CHURCH RD, CAMPO, CA 91906	<a href="#">67</a>
<a href="#">3</a>	MSHA	0405015	Higher (3,640 ft.)	TP	CAMPO MATERIALS COMPANY	I-8 EAST TO CRESTWOOD/LIVE OAK SPRINGS EXIT GO RIGHT 1/8TH MILE TO CHURCH RD SOU, CAMPO, CA	<a href="#">68</a>
<a href="#">4</a>	FRSCA	110057938022	Higher (4,530 ft.)	TP	GAMESA WINDS US, LLC	40002 TUSIL ROAD, BOULEVARD, CA 91905	<a href="#">72</a>
<a href="#">4</a>	HWTS	CAL000310944	Higher (4,530 ft.)	TP	KUMEYAAY WIND LLC	40002 TUSIL RD, BOULEVARD, CA 91905	<a href="#">73</a>
<a href="#">5</a>	FUDS	J09CA7078	Lower (2,730 ft.)	TP	CAMP LOCKETT	CAMPO, CA 91906	<a href="#">79</a>
<a href="#">6</a>	<b>HISTUST</b>	<b>0002AD22</b>	<b>Higher (4,091 ft.)</b>	<b>TP</b>	<b>BOULEVARD</b>	<b>NONE LOD HWY 80, BOULEVARD, CA 95814</b>	<a href="#">80</a>
<a href="#">7</a>	HMMDD	114415	Lower (3,226 ft.)	TP	ACS MOUNTAIN HEALTH CENTER	36190 HWY 94, CAMPO, CA 91906	<a href="#">82</a>
<a href="#">8</a>	INDIANRES	620	Higher (3,755 ft.)	TP	CAMPO RESERVATION	CAMPO BAND OF DIEGUENO MISSION INDIANS OF THE CAMPO INDIAN RESERVATION, CALIFORN, CAMPO, CA 91906	<a href="#">83</a>
<a href="#">9</a>	ECHOR09	110008280555	Higher (4,106 ft.)	TP	CALTRANS BOULEVARD MAINT STATION	OLD HIGHWAY 80, BOULEVARD, CA 91905	<a href="#">84</a>
<a href="#">9</a>	FRSCA	110008280555	Higher (4,106 ft.)	TP	CALTRANS BOULEVARD MAINT STATION	OLD HIGHWAY 80, BOULEVARD, CA 91905	<a href="#">85</a>
<a href="#">9</a>	<b>RCRAGR09</b>	<b>CAD982520017</b>	<b>Higher (4,106 ft.)</b>	<b>TP</b>	<b>CALTRANS BOULEVARD MAINT STA</b>	<b>OLD HIGHWAY 80, BOULEVARD, CA 91905</b>	<a href="#">86</a>
<a href="#">10</a>	FRSCA	110055865871	Higher (4,557 ft.)	TP	SDG&E - SUNRISE TELECOM EP146	END OF OLD MINE RD, BOULEVARD, CA 91905	<a href="#">88</a>
<a href="#">11</a>	FRSCA	110038177932	Higher (4,606 ft.)	TP	KUMEYAAY WIND	NORTH OF I-8, WEST OF CAMPO CR, CAMPO, CA 91906	<a href="#">89</a>

## Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
<a href="#">12</a>	INDIANRES	616	Higher (4,307 ft.)	0.018 mi. N (95 ft.)	MANZANITA RESERVATION	MANZANITA BAND OF DIEGUENO MISSION INDIANS OF THE MANZANITA RESERVATION, CALIFOR, BOULEVARD, CA 91905	<a href="#">90</a>
<a href="#">13</a>	INDIANRES	617	Higher (3,798 ft.)	0.025 mi. N (132 ft.)	LA POSTA RESERVATION	LA POSTA BAND OF DIEGUENO MISSION INDIANS OF THE LA POSTA INDIAN RESERVATION, CA, PINE VALLEY, CA 91962	<a href="#">91</a>
<a href="#">14</a>	<b>HISTUST</b>	<b>0002AC96</b>	<b>Higher (3,890 ft.)</b>	<b>0.11 mi. W (581 ft.)</b>	<b>LIVE OAK SPRINGS VILLAGE STORE</b>	<b>2500 LIVE OAKS TRAIL, BOULEVARD, CA 92005</b>	<a href="#">92</a>
<a href="#">14</a>	<b>SWEEPS</b>	<b>A37-000-3534</b>	<b>Higher (3,890 ft.)</b>	<b>0.11 mi. W (581 ft.)</b>	<b>FOOD SOURCE MARKET</b>	<b>2500 LIVE OAK TL, BOULEVARD, CA 91905</b>	<a href="#">94</a>
<a href="#">15</a>	<b>ABST</b>	<b>396552</b>	<b>Higher (4,087 ft.)</b>	<b>0.158 mi. W (834 ft.)</b>	<b>LEVEL 3 COMMUNICATIONS - PINE VALLEY - PNVYCAAI</b>	<b>36549 OLD HIGHWAY 80, PINE VALLEY, CA 91962</b>	<a href="#">95</a>
<a href="#">16</a>	<b>USTCUPA</b>	<b>4165526595</b>	<b>Higher (3,855 ft.)</b>	<b>0.179 mi. SW (945 ft.)</b>	<b>LIVE OAK SPRINGS MARKET</b>	<b>37820 OLD HIGHWAY 80, BOULEVARD, CA 91905</b>	<a href="#">96</a>
<a href="#">17</a>	<b>SWIS</b>	<b>37-CR-0100SWIS</b>	<b>Lower (3,519 ft.)</b>	<b>0.44 mi. E (2323 ft.)</b>	<b>TIERRA DEL SOL</b>	<b>562 TIERRA DEL SOL ROAD, BOULEVARD, CA 91905</b>	<a href="#">97</a>
<a href="#">18</a>	<b>ENVIROSTOR</b>	<b>80000486</b>	<b>Higher (3,978 ft.)</b>	<b>0.895 mi. ESE (4726 ft.)</b>	<b>SOL GAP FILLER AX Z76C</b>	<b>TIERRA DEL SOL, CA</b>	<a href="#">98</a>



# Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

**Target Property Elevation: 3604 ft.**

NOTE: Standard environmental records are displayed in **bold**.

## EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
<a href="#">2</a>	CHMIRS	4,161 ft.		1800 GOLDEN ACORN WAY - INDIAN RESERVATION, SAN DIEGO, CA 91906	<a href="#">39</a>
<a href="#">2</a>	ECHOR09	4,161 ft.	GOLDEN ACORN CASINO & TRAVEL CENTER	1800 GOLDEN ACORN, CAMPO, CA 91906	<a href="#">40</a>
<a href="#">2</a>	FRSCA	4,161 ft.	GOLDEN ACORN QUICK MART	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">41</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DF1	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">42</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DF2	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">43</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DF3	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">44</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DF4	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">45</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DF5	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">46</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DF6	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">47</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DF7	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">48</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DF8	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">49</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DW1	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">50</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO TRIBAL DW2	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">51</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO SERVICE STATION	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">52</a>
<a href="#">2</a>	FRSCA	4,161 ft.	CAMPO CASINO (GOLDEN ACORN CASINO)	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">53</a>
<a href="#">2</a>	FRSCA	4,161 ft.	GOLDEN ACORN CASINO & TRAVEL CENTER	1800 GOLDEN ACORN, CAMPO, CA 91906	<a href="#">54</a>
<a href="#">2</a>	FRSCA	4,161 ft.	AT&T MOBILITY - AWE - I8 & OLD HWY 80 (USID82366)	1800 GOLDEN ACORN WY, CAMPO, CA 91906	<a href="#">55</a>
<a href="#">2</a>	HMMDD	4,161 ft.	AT&T MOBILITY - AWE - I8 & OLD HWY 80 (USID82366)	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">56</a>
<a href="#">2</a>	HMMDD	4,161 ft.	VERIZON WIRELESS: GOLDEN ACORN	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">57</a>
<a href="#">2</a>	HWTS	4,161 ft.	GOLDEN ACORN CASINO	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">58</a>
<a href="#">2</a>	HWTS	4,161 ft.	INTERSTATE DISTRIBUTION CO	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">60</a>
<a href="#">2</a>	HWTS	4,161 ft.	GOLDEN ACORN CASINO/TRAVEL CENTER	1800 GOLDEN ACORN WAY, CAMPO, CA 91906	<a href="#">61</a>

## Elevation Summary

Map ID#	Database Name	Elevation	Site Name	Address	Page #
<a href="#">3</a>	FRSCA	3,640 ft.	CAMPO MATERIALS COMPANY	36501 CHURCH ROAD, CAMPO, CA 91906	<a href="#">66</a>
<a href="#">3</a>	HWTS	3,640 ft.	CAMPO MATERIALS INC	36501 CHURCH RD, CAMPO, CA 91906	<a href="#">67</a>
<a href="#">3</a>	MSHA	3,640 ft.	CAMPO MATERIALS COMPANY	I-8 EAST TO CRESTWOOD/LIVE OAK SPRINGS EXIT GO RIGHT 1/8TH MILE TO CHURCH RD SOU, CAMPO, CA	<a href="#">68</a>
<a href="#">4</a>	FRSCA	4,530 ft.	GAMESA WINDS US, LLC	40002 TUSIL ROAD, BOULEVARD, CA 91905	<a href="#">72</a>
<a href="#">4</a>	HWTS	4,530 ft.	KUMEYAAY WIND LLC	40002 TUSIL RD, BOULEVARD, CA 91905	<a href="#">73</a>
<a href="#">6</a>	<b>HISTUST</b>	<b>4,091 ft.</b>	<b>BOULEVARD</b>	<b>NONE LOD HWY 80, BOULEVARD, CA 95814</b>	<a href="#">80</a>
<a href="#">8</a>	INDIANRES	3,755 ft.	CAMPO RESERVATION	CAMPO BAND OF DIEGUENO MISSION INDIANS OF THE CAMPO INDIAN RESERVATION, CALIFORN, CAMPO, CA 91906	<a href="#">83</a>
<a href="#">9</a>	ECHOR09	4,106 ft.	CALTRANS BOULEVARD MAINT STATION	OLD HIGHWAY 80, BOULEVARD, CA 91905	<a href="#">84</a>
<a href="#">9</a>	FRSCA	4,106 ft.	CALTRANS BOULEVARD MAINT STATION	OLD HIGHWAY 80, BOULEVARD, CA 91905	<a href="#">85</a>
<a href="#">9</a>	<b>RCRAGR09</b>	<b>4,106 ft.</b>	<b>CALTRANS BOULEVARD MAINT STA</b>	<b>OLD HIGHWAY 80, BOULEVARD, CA 91905</b>	<a href="#">86</a>
<a href="#">10</a>	FRSCA	4,557 ft.	SDG&E - SUNRISE TELECOM EP146	END OF OLD MINE RD, BOULEVARD, CA 91905	<a href="#">88</a>
<a href="#">11</a>	FRSCA	4,606 ft.	KUMEYAAY WIND	NORTH OF I-8, WEST OF CAMPO CR, CAMPO, CA 91906	<a href="#">89</a>
<a href="#">12</a>	INDIANRES	4,307 ft.	MANZANITA RESERVATION	MANZANITA BAND OF DIEGUENO MISSION INDIANS OF THE MANZANITA RESERVATION, CALIFOR, BOULEVARD, CA 91905	<a href="#">90</a>
<a href="#">13</a>	INDIANRES	3,798 ft.	LA POSTA RESERVATION	LA POSTA BAND OF DIEGUENO MISSION INDIANS OF THE LA POSTA INDIAN RESERVATION, CA, PINE VALLEY, CA 91962	<a href="#">91</a>
<a href="#">14</a>	<b>HISTUST</b>	<b>3,890 ft.</b>	<b>LIVE OAK SPRINGS VILLAGE STORE</b>	<b>2500 LIVE OAKS TRAIL, BOULEVARD, CA 92005</b>	<a href="#">92</a>
<a href="#">14</a>	<b>SWEEPS</b>	<b>3,890 ft.</b>	<b>FOOD SOURCE MARKET</b>	<b>2500 LIVE OAK TL, BOULEVARD, CA 91905</b>	<a href="#">94</a>
<a href="#">15</a>	<b>ABST</b>	<b>4,087 ft.</b>	<b>LEVEL 3 COMMUNICATIONS - PINE VALLEY - PNVYCAAI</b>	<b>36549 OLD HIGHWAY 80, PINE VALLEY, CA 91962</b>	<a href="#">95</a>
<a href="#">16</a>	<b>USTCUPA</b>	<b>3,855 ft.</b>	<b>LIVE OAK SPRINGS MARKET</b>	<b>37820 OLD HIGHWAY 80, BOULEVARD, CA 91905</b>	<a href="#">96</a>
<a href="#">18</a>	<b>ENVIROSTOR</b>	<b>3,978 ft.</b>	<b>SOL GAP FILLER AX Z76C</b>	<b>TIERRA DEL SOL, CA</b>	<a href="#">98</a>

### **LOWER ELEVATION**

Map ID#	Database Name	Elevation	Site Name	Address	Page #
<a href="#">1</a>	FRSCA	3,349 ft.	CAMPO RESERVATION - CASINO WWTF GW MONITORING	36190 CHURCH ROAD, SUITE 1, CAMPO, CA 91906	<a href="#">32</a>
<a href="#">1</a>	FRSCA	3,349 ft.	CAMPO RESERVATION - IHC CLINIC DRAINFIELD	36190 CHURCH RD, STE. 1, CAMPO, CA 91906	<a href="#">33</a>

## *Elevation Summary*

Map ID#	Database Name	Elevation	Site Name	Address	Page #
<a href="#">1</a>	FRSCA	3,349 ft.	CAMPO CASINO (GOLDEN ACORN CASINO)	36190 CHURCH ROAD, SUITE 1, CAMPO, CA 91906	<a href="#">34</a>
<a href="#">1</a>	HWTS	3,349 ft.	CAMPO INDIAN RESERVATION	36190 CHURCH RD #2, CAMPO, CA 91906	<a href="#">35</a>
<a href="#">1</a>	<b>SWIS</b>	<b>3,349 ft.</b>	<b>CAMPO REVERSATION IDS (2136)</b>	<b>36190CHURCH STREET, CAMPO, CA 91906</b>	<a href="#">38</a>
<a href="#">5</a>	FUDS	2,730 ft.	CAMP LOCKETT	CAMPO, CA 91906	<a href="#">79</a>
<a href="#">7</a>	HMMDD	3,226 ft.	ACS MOUNTAIN HEALTH CENTER	36190 HWY 94, CAMPO, CA 91906	<a href="#">82</a>
<a href="#">17</a>	<b>SWIS</b>	<b>3,519 ft.</b>	<b>TIERRA DEL SOL</b>	<b>562 TIERRA DEL SOL ROAD, BOULEVARD, CA 91905</b>	<a href="#">97</a>

## Facility Registry System (FRSCA)

[MAP ID# 1](#)

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 3,349 ft. (Lower than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110030466680

NAME: CAMPO RESERVATION - CASINO WWTF GW MONITORING

LOCATION ADDRESS: 36190 CHURCH ROAD, SUITE 1  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO RESERVATION - CASINO WWTF GW MONITORING**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

[MAP ID# 1](#)

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 3,349 ft. (Lower than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110030473459

NAME: CAMPO RESERVATION - IHC CLINIC DRAINFIELD

LOCATION ADDRESS: 36190 CHURCH RD, STE. 1  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO RESERVATION - IHC CLINIC DRAINFIELD**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

[MAP ID# 1](#)

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 3,349 ft. (Lower than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110033008073

NAME: CAMPO CASINO (GOLDEN ACORN CASINO)

LOCATION ADDRESS: 36190 CHURCH ROAD, SUITE 1  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 09

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: YES

ALTERNATIVE NAME/S:

**CAMPO CASINO (GOLDEN ACORN CASINO)**

PROGRAM/S LISTED FOR THIS FACILITY

**STATE - STATE SYSTEMS**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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# Hazardous Waste Tanner Summary (HWTS)

[MAP ID# 1](#)

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 3,349 ft. (Lower than TP)

## SITE INFORMATION

EPA ID: **IRC060922012**  
NAME: **CAMPO INDIAN RESERVATION**  
COUNTY: **NOT REPORTED**  
ADDRESS: **36190 CHURCH RD #2**  
**CAMPO, CA 91906-2732**

FACILITY LINK: [Department of Toxic Substances Control](#)

## CONTACT INFORMATION

CONTACT: **WES MINDERMANN**  
PHONE: **(916) 341-6314**  
ADDRESS: **PO BOX 4025**  
**SACRAMENTO CA 95812-4025**

## MANIFEST SUMMARY INFORMATION

YEAR: **2006**

TSD ID: **ARZ000002428**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **14.3200**

DISPOSAL METHOD: **DEEPWELL OR UNDERGROUND INJECTION(WITH OR WITHOUT TREATMENT)**

YEAR: **2006**

TSD ID: **ARZ000002428**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **14.3200**

DISPOSAL METHOD: **DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)**

YEAR: **2006**

TSD ID: **ARZ000002428**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **14.3200**

DISPOSAL METHOD: **LAND TREATMENT OR APPLICATION(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2006**

TSD ID: **ARZ000002428**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **14.3200**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2006**

TSD ID: **AZR000002428**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **14.3200**

## **Hazardous Waste Tanner Summary (HWTS)**

DISPOSAL METHOD: **DEEPWELL OR UNDERGROUND INJECTION(WITH OR WITHOUT TREATMENT)**

YEAR: **2006**

TSD ID: **AZR000002428**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **14.3200**

DISPOSAL METHOD: **DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)**

YEAR: **2006**

TSD ID: **AZR000002428**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **14.3200**

DISPOSAL METHOD: **LAND TREATMENT OR APPLICATION(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2006**

TSD ID: **AZR000002428**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **14.3200**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2006**

TSD ID: **CAD088504881**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **ORANGE**

WASTE CATEGORY: **BLANK OR UNKNOWN**

AMOUNT DISPOSED(TONS): **0.0000**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2006**

TSD ID: **CAD088504881**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **ORANGE**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **1.0000**

DISPOSAL METHOD: **NOT REPORTED**

YEAR: **2006**

TSD ID: **CAD088504881**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **ORANGE**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **0.1500**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**



## ***Hazardous Waste Tanner Summary (HWTS)***

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## Solid Waste Information System Sites (SWIS)

[MAP ID# 1](#)

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 3,349 ft. (Lower than TP)

### **FACILITY INFORMATION**

GEOSEARCH ID: 37-CR-0117SWIS  
ID NUMBER: 37-CR-0117  
NAME: CAMPO REVERSATION IDS (2136)  
LOCATION: 36190CHURCH STREET  
CAMPO, CA 91906  
COUNTY: SAN DIEGO  
LATITUDE: 32.650600000  
LONGITUDE: -116.365600000

### **OWNER INFORMATION**

- NO OWNER INFORMATION REPORTED -

### **OPERATOR INFORMATION**

NAME: NOT REPORTED  
ADDRESS: NOT REPORTED

### **FACILITY DETAILS**

SITE ID: NOT REPORTED  
LAND USE: NOT REPORTED  
PERMIT DATE: NOT REPORTED  
PERMIT STATUS: NOT REPORTED  
ENFORCEMENT AGENCY: NOT REPORTED

### **UNIT**

CATEGORY: NOT REPORTED  
UNIT #: NOT REPORTED  
REGULATORY STATUS: UNPERMITTED  
OPERATIONAL STATUS: UNPERMITTED  
ACTIVITY: SOLID WASTE DISPOSAL SITE  
INSPECTION: NOT REPORTED  
ACCEPTED WASTE: NOT REPORTED  
CAPACITY: NOT REPORTED  
REMAINING CAPACITY: NOT REPORTED  
THROUGHPUT: NOT REPORTED  
DISPOSAL ACREAGE: NOT REPORTED  
CLOSURE DATE: NOT REPORTED

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## California Hazardous Material Incident Report System (CHMIRS)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

### **INCIDENT INFORMATION**

CONTROL #: '17-3163

NOTIFIED: 5/1/2017 1

AGENCY: COUNTY OF SAN DIEGO ENVIRONMENTAL HEALTH

ADMINISTRATION: SAN DIEGO COUNTY HEALTH SERVICES DEPARTMENT

INCIDENT LOCATION: 1800 GOLDEN ACORN WAY - INDIAN RESERVATION  
SAN DIEGO, CA 91906

INCIDENT COUNTY: SAN DIEGO COUNTY

### **SUBSTANCE INFORMATION**

SUBSTANCE: WASTE COPPER ETCH SOLUTION

QUANTITY: 1

TYPE: CHEMICAL

### **INCIDENT DESCRIPTION**

RP STATES, WHILE IN TRANSIT, A CONTAINER STARTED LEAKING DUE TO IMPROPER PACKAGING CAUSES WHICH RELEASED 1 GALLON OF WASTE COPPER ETCH SOLUTION. THE RELEASE HAS BEEN CONTAINED AND STOPPED. NO WATERWAYS OR STORM DRAINS IMPACTED. A CONTRACTOR WILL BE CONDUCTING CLEANUP OF THE RELEASE.

CONTAINED: YES

WATER INVOLVED / WATERWAY: NO / NOT REPORTED

DATE AND TIME: 5/1/2017

SITE: MERCHANT/BUSINESS

INJURIES: NO

FATALITIES: NO

EVACUATIONS: NO

CLEANUP BY: CONTRACTOR

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## Enforcement and Compliance History Information (ECHOR09)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

UNIQUE ID: 110065246246

REGISTRY ID: 110065246246

NAME: GOLDEN ACORN CASINO & TRAVEL CENTER

ADDRESS: 1800 GOLDEN ACORN

CAMPO, CA 91906

COUNTY: SAN DIEGO

FACILITY LINK: [Facility Detail Report](#)

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110028160969

NAME: **GOLDEN ACORN QUICK MART**

LOCATION ADDRESS: **1800 GOLDEN ACORN WAY  
CAMPO, CA 91906**

COUNTY: **SAN DIEGO**

EPA REGION: **9**

FEDERAL FACILITY: **NOT REPORTED**

TRIBAL LAND: **NOT REPORTED**

ALTERNATIVE NAME/S:

**GOLDEN ACORN QUICK MART**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032612652

NAME: CAMPO TRIBAL DF1

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DF1**

**CAMPO TRIBAL DW1**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032612705

NAME: CAMPO TRIBAL DF2

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DW2**

**CAMPO TRIBAL DF2**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032612723

NAME: CAMPO TRIBAL DF3

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DF3**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032612732

NAME: CAMPO TRIBAL DF4

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DF4**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032612741

NAME: CAMPO TRIBAL DF5

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DF5**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032612750

NAME: CAMPO TRIBAL DF6

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DF6**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032612769

NAME: CAMPO TRIBAL DF7

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DF7**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032612778

NAME: CAMPO TRIBAL DF8

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DF8**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032612787

NAME: CAMPO TRIBAL DW1

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 09

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DW1**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110032613580

NAME: CAMPO TRIBAL DW2

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 09

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO TRIBAL DW2**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110043719241

NAME: CAMPO SERVICE STATION

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO SERVICE STATION**

PROGRAM/S LISTED FOR THIS FACILITY

**ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110050937901

NAME: CAMPO CASINO (GOLDEN ACORN CASINO)

LOCATION ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906

COUNTY: -

EPA REGION: 09

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: YES

ALTERNATIVE NAME/S:

**CAMPO CASINO (GOLDEN ACORN CASINO)**

PROGRAM/S LISTED FOR THIS FACILITY

**SFDW - SFDW**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110065246246

NAME: **GOLDEN ACORN CASINO & TRAVEL CENTER**

LOCATION ADDRESS: **1800 GOLDEN ACORN  
CAMPO, CA 91906**

COUNTY: **SAN DIEGO**

EPA REGION: **9**

FEDERAL FACILITY: **NOT REPORTED**

TRIBAL LAND: **NOT REPORTED**

ALTERNATIVE NAME/S:

**CAMPO CASINO (GOLDEN ACORN CASINO)**

**GOLDEN ACORN CASINO & TRAVEL CENTER**

PROGRAM/S LISTED FOR THIS FACILITY

**SFDW - SFDW**

**CA-ENVIROVIEW - CA-ENVIROVIEW**

**STATE - STATE SYSTEMS**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**NO SIC DATA REPORTED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110066166856

NAME: AT&T MOBILITY - AWE - I8 & OLD HWY 80 (USID82366)

LOCATION ADDRESS: 1800 GOLDEN ACORN WY  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

AT&T MOBILITY - AWE - I8 & OLD HWY 80 (USID82366)

PROGRAM/S LISTED FOR THIS FACILITY

CA-ENVIROVIEW - CA-ENVIROVIEW

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

4812 - RADIOTELEPHONE COMMUNICATIONS

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

517210 - WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)

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**San Diego County Hazardous Materials Management Division Database  
(HMMDD)**

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

**FACILITY INFORMATION**

RECORD ID: DEH2010-HUPFP-213302  
BUSINESS NAME: AT&T MOBILITY - AWE - I8 & OLD HWY 80 (USID82366)  
ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906  
COUNTY: SAN DIEGO

**FACILITY DETAILS**

FACILITY ID: 37-000-213302  
EPA ID NUMBER: NOT REPORTED  
CERS ID: 10190725  
BUSINESS PHONE: 619- 60-72131  
BUSINESS FAX: NOT REPORTED  
MAILING ADDRESS: 5001 EXECUTIVE PKWY, RM 4W200I, SAN RAMON, CA 94583  
ACTIVE PERMIT?: YES  
HAZARDOUS MATERIAL ON SITE?: YES  
OWN OR OPERATE UNDERGROUND?: NO  
OWN OR OPERATE ABOVEGROUND?: NO  
HAZARDOUS WASTE GENERATOR?: NO  
RECYCLE?: NO  
ONSITE HAZ WASTE TREATMENT?: NO  
RCRA LARGE QUANTITY GENERATOR?: NO  
HHW COLLECTION?: NO

**HAZARDOUS MATERIALS INFORMATION**

CHILD RECORD ID: DEH2016-HCHEM-0109909  
TRADE SECRET?: NO  
HAZARDOUS MATERIAL TYPE: PURE  
CHEMICAL NAME: HYDROGEN  
COMMON NAME (INVENTORY): HYDROGEN  
CAS#: 1333-74-0

**ADDITIONAL FACILITY INFORMATION** NO DETAILS REPORTED

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# San Diego County Hazardous Materials Management Division Database (HMMDD)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

## **FACILITY INFORMATION**

RECORD ID: **DEH2016-HUPFP-002599**  
BUSINESS NAME: **VERIZON WIRELESS: GOLDEN ACORN**  
ADDRESS: **1800 GOLDEN ACORN WAY**  
**CAMPO, CA 91906**  
COUNTY: **SAN DIEGO**

## **FACILITY DETAILS**

FACILITY ID: **37-000-002599**  
EPA ID NUMBER: **NOT REPORTED**  
CERS ID: **10670422**  
BUSINESS PHONE: **949- 28-67000**  
BUSINESS FAX: **NOT REPORTED**  
MAILING ADDRESS: **15505 SAND CANYON AVENUE, MS D-104, IRVINE, CA 92618**  
ACTIVE PERMIT?: **YES**  
HAZARDOUS MATERIAL ON SITE?: **YES**  
OWN OR OPERATE UNDERGROUND?: **NO**  
OWN OR OPERATE ABOVEGROUND?: **NO**  
HAZARDOUS WASTE GENERATOR?: **NO**  
RECYCLE?: **NO**  
ONSITE HAZ WASTE TREATMENT?: **NO**  
RCRA LARGE QUANTITY GENERATOR?: **NO**  
HHW COLLECTION?: **NO**

## **HAZARDOUS MATERIALS INFORMATION**

CHILD RECORD ID: **DEH2016-HCHEM-0109019**  
TRADE SECRET?: **NO**  
HAZARDOUS MATERIAL TYPE: **MIXTURE**  
CHEMICAL NAME: **NOT REPORTED**  
COMMON NAME (INVENTORY): **BATTERY ELECTROLYTE**  
CAS#: **7664-93-9**

CHILD RECORD ID: **DEH2016-HCHEM-0109020**  
TRADE SECRET?: **NO**  
HAZARDOUS MATERIAL TYPE: **PURE**  
CHEMICAL NAME: **DIESEL FUEL NO. 2**  
COMMON NAME (INVENTORY): **DIESEL FUEL NO. 2**  
CAS#: **68476-34-6**

## **ADDITIONAL FACILITY INFORMATION**

NO DETAILS REPORTED

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# Hazardous Waste Tanner Summary (HWTS)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

## SITE INFORMATION

EPA ID: **CAC002601428**  
NAME: **GOLDEN ACORN CASINO**  
COUNTY: **NOT REPORTED**  
ADDRESS: **1800 GOLDEN ACORN WAY**  
**CAMPO, CA 91906**

FACILITY LINK: [Department of Toxic Substances Control](#)

## CONTACT INFORMATION

CONTACT: **TONI WIMBEL**  
PHONE: **(619)938-6028**  
ADDRESS: **1800 GOLDEN ACORN WAY**  
**CAMPO CA 91906**

## MANIFEST SUMMARY INFORMATION

YEAR: **2007**

TSD ID: **NVT330010000**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.5700**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2007**

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)**

AMOUNT DISPOSED(TONS): **0.5200**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2007**

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **WASTE OIL AND MIXED OIL**

AMOUNT DISPOSED(TONS): **0.2200**

DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

YEAR: **2007**

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.3500**

DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

YEAR: **2006**

TSD ID: **CAT080013352**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **OIL/WATER SEPARATION SLUDGE**

## Hazardous Waste Tanner Summary (HWTS)

AMOUNT DISPOSED(TONS): 1.4500  
DISPOSAL METHOD: DISPOSAL, OTHER  
YEAR: 2006  
TSD ID: CAT080013352  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: LOS ANGELES  
WASTE CATEGORY: OIL/WATER SEPARATION SLUDGE  
AMOUNT DISPOSED(TONS): 1.4500  
DISPOSAL METHOD: OTHER DISPOSAL  
YEAR: 2006  
TSD ID: CAT080013352  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: LOS ANGELES  
WASTE CATEGORY: OIL/WATER SEPARATION SLUDGE  
AMOUNT DISPOSED(TONS): 6.0400  
DISPOSAL METHOD: RECYCLE  
YEAR: 2006  
TSD ID: CAT080013352  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: LOS ANGELES  
WASTE CATEGORY: OIL/WATER SEPARATION SLUDGE  
AMOUNT DISPOSED(TONS): 6.0400  
DISPOSAL METHOD: RECYCLER  
YEAR: 2006  
TSD ID: NVT330010000  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: UNKNOWN  
WASTE CATEGORY: OTHER ORGANIC SOLIDS  
AMOUNT DISPOSED(TONS): 15.1700  
DISPOSAL METHOD: DISPOSAL, LAND FILL  
YEAR: 2006  
TSD ID: NVT330010000  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: UNKNOWN  
WASTE CATEGORY: OTHER ORGANIC SOLIDS  
AMOUNT DISPOSED(TONS): 15.1700  
DISPOSAL METHOD: LANDFILL

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## Hazardous Waste Tanner Summary (HWTS)

**MAP ID# 2**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,161 ft. (Higher than TP)

### SITE INFORMATION

EPA ID: **CAC002662990**

NAME: **INTERSTATE DISTRIBUTION CO**

COUNTY: **SAN DIEGO**

ADDRESS: **1800 GOLDEN ACORN WAY  
CAMPO, CA 91906**

FACILITY LINK: [Department of Toxic Substances Control](#)

### CONTACT INFORMATION

CONTACT: **TOM ANDERSON**

PHONE: **(800) 426-8560**

ADDRESS: **11707 21ST AVENUE CT S  
TACOMA WA 98444-1236**

### MANIFEST SUMMARY INFORMATION

YEAR: **2011**

TSD ID: **CAD028409019**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **SAN DIEGO**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **4.1000**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

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# Hazardous Waste Tanner Summary (HWTS)

MAP ID# 2

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,161 ft. (Higher than TP)

## SITE INFORMATION

EPA ID: CAL000326538  
NAME: GOLDEN ACORN CASINO/TRAVEL CENTER  
COUNTY: SAN DIEGO  
ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO, CA 91906-2301

FACILITY LINK: [Department of Toxic Substances Control](#)

## CONTACT INFORMATION

CONTACT: JOHN LANGLEY  
PHONE: 619-938-6084  
ADDRESS: 1800 GOLDEN ACORN WAY  
CAMPO CA 919062301

## MANIFEST SUMMARY INFORMATION

YEAR: 2016  
TSD ID: CAD044429835  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: NOT REPORTED  
WASTE CATEGORY: OFF-SPECIFICATION, AGED OR SURPLUS ORGANICS  
AMOUNT DISPOSED(TONS): 0.05  
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2016  
TSD ID: CAD044429835  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: NOT REPORTED  
WASTE CATEGORY: OTHER ORGANIC SOLIDS  
AMOUNT DISPOSED(TONS): 0.175  
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2015  
TSD ID: AZD049318009  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: UNKNOWN  
WASTE CATEGORY: LIQUIDS WITH MERCURY >= 20 MG./L  
AMOUNT DISPOSED(TONS): 0.0075  
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2015  
TSD ID: CAD044429835  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: LOS ANGELES  
WASTE CATEGORY: OFF-SPECIFICATION, AGED OR SURPLUS ORGANICS  
AMOUNT DISPOSED(TONS): NOT REPORTED  
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2015  
TSD ID: CAD044429835  
GENERATOR COUNTY: SAN DIEGO

## Hazardous Waste Tanner Summary (HWTS)

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.075**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2015**

TSD ID: **NED981723513**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.125**

DISPOSAL METHOD: **INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL**

YEAR: **2014**

TSD ID: **CAD044429835**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES 10 PERCENT OR MORE**

AMOUNT DISPOSED(TONS): **0.3**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2014**

TSD ID: **CAD044429835**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **OFF-SPECIFICATION, AGED OR SURPLUS ORGANICS**

AMOUNT DISPOSED(TONS): **0.125**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2014**

TSD ID: **NED981723513**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.25**

DISPOSAL METHOD: **INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL**

YEAR: **2014**

TSD ID: **UTD991301748**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.175**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2013**

TSD ID: **CAT000613893**

GENERATOR COUNTY: **SAN DIEGO**

## **Hazardous Waste Tanner Summary (HWTS)**

DISPOSAL COUNTY: **LOS ANGELES**  
WASTE CATEGORY: **BLANK OR UNKNOWN**  
AMOUNT DISPOSED(TONS): **0.3250**  
DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**  
YEAR: **2013**  
TSD ID: **CAT000613893**  
GENERATOR COUNTY: **SAN DIEGO**  
DISPOSAL COUNTY: **LOS ANGELES**  
WASTE CATEGORY: **OTHER ORGANIC SOLIDS**  
AMOUNT DISPOSED(TONS): **2.4000**  
DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**  
YEAR: **2013**  
TSD ID: **NVT330010000**  
GENERATOR COUNTY: **SAN DIEGO**  
DISPOSAL COUNTY: **UNKNOWN**  
WASTE CATEGORY: **OTHER ORGANIC SOLIDS**  
AMOUNT DISPOSED(TONS): **0.2000**  
DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**  
YEAR: **2012**  
TSD ID: **CAT000613893**  
GENERATOR COUNTY: **SAN DIEGO**  
DISPOSAL COUNTY: **LOS ANGELES**  
WASTE CATEGORY: **BLANK OR UNKNOWN**  
AMOUNT DISPOSED(TONS): **0.2000**  
DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**  
YEAR: **2012**  
TSD ID: **NVT330010000**  
GENERATOR COUNTY: **SAN DIEGO**  
DISPOSAL COUNTY: **UNKNOWN**  
WASTE CATEGORY: **OTHER ORGANIC SOLIDS**  
AMOUNT DISPOSED(TONS): **0.7875**  
DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**  
YEAR: **2011**  
TSD ID: **NVT330010000**  
GENERATOR COUNTY: **SAN DIEGO**  
DISPOSAL COUNTY: **SAN DIEGO**  
WASTE CATEGORY: **OTHER ORGANIC SOLIDS**  
AMOUNT DISPOSED(TONS): **0.2000**  
DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**  
YEAR: **2011**

## Hazardous Waste Tanner Summary (HWTS)

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **SAN DIEGO**

WASTE CATEGORY: **UNSPECIFIED OIL-CONTAINING WASTE**

AMOUNT DISPOSED(TONS): **0.1750**

DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

YEAR: **2008**

TSD ID: **NVT330010000**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.6750**

DISPOSAL METHOD: **DEEPWELL OR UNDERGROUND INJECTION(WITH OR WITHOUT TREATMENT)**

YEAR: **2008**

TSD ID: **NVT330010000**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.6750**

DISPOSAL METHOD: **DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)**

YEAR: **2008**

TSD ID: **NVT330010000**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.6750**

DISPOSAL METHOD: **LAND TREATMENT OR APPLICATION(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2008**

TSD ID: **NVT330010000**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.6750**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2008**

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)**

AMOUNT DISPOSED(TONS): **0.1750**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2008**

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

## Hazardous Waste Tanner Summary (HWTS)

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **WASTE OIL AND MIXED OIL**

AMOUNT DISPOSED(TONS): **0.2500**

DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

YEAR: **2007**

TSD ID: **NVT330010000**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.3500**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2007**

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **WASTE OIL AND MIXED OIL**

AMOUNT DISPOSED(TONS): **0.5000**

DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

YEAR: **2007**

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.0000**

DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

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## Facility Registry System (FRSCA)

**MAP ID# 3**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 3,640 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110057930182

NAME: CAMPO MATERIALS COMPANY

LOCATION ADDRESS: 36501 CHURCH ROAD  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 09

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

ALTERNATIVE NAME/S:

**CAMPO MATERIALS COMPANY**

PROGRAM/S LISTED FOR THIS FACILITY

**OSHA-IMIS - OSHA-IMIS**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**1442 - CONSTRUCTION SAND AND GRAVEL**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**212321 - CONSTRUCTION SAND AND GRAVEL MINING.**

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## Hazardous Waste Tanner Summary (HWTS)

**MAP ID# 3**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 3,640 ft. (Higher than TP)

### SITE INFORMATION

EPA ID: **CAC002636800**  
NAME: **CAMPO MATERIALS INC**  
COUNTY: **NOT REPORTED**  
ADDRESS: **36501 CHURCH RD**  
**CAMPO, CA 91906-2723**

FACILITY LINK: [Department of Toxic Substances Control](#)

### CONTACT INFORMATION

CONTACT: **RYAN BIRDWALL**  
PHONE: **(619)478-5650**  
ADDRESS: **36501 CHURCH RD**  
**CAMPO CA 91906-2723**

### MANIFEST SUMMARY INFORMATION

YEAR: **2008**  
TSD ID: **TXD077603371**  
GENERATOR COUNTY: **SAN DIEGO**  
DISPOSAL COUNTY: **UNKNOWN**  
WASTE CATEGORY: **HYDROCARBON SOLVENTS (BENZENE, HEXANE, STODDARD, ETC.)**  
AMOUNT DISPOSED(TONS): **0.2000**  
DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

YEAR: **2008**  
TSD ID: **TXD077603371**  
GENERATOR COUNTY: **SAN DIEGO**  
DISPOSAL COUNTY: **UNKNOWN**  
WASTE CATEGORY: **WASTE OIL AND MIXED OIL**  
AMOUNT DISPOSED(TONS): **2.6000**  
DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

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# Mine Safety and Health Administration Master Index File (MSHA)

MAP ID# 3

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 3,640 ft. (Higher than TP)

## FACILITY INFORMATION

MINE ID: 0405015

MINE NAME: CAMPO MATERIALS COMPANY

DIRECTIONS TO MINE: I-8 EAST TO CRESTWOOD/LIVE OAK SPRINGS EXIT GO RIGHT 1/8TH MILE TO CHURCH RD SOUTH ON CHURCH RD 4 MILES TO SAND PLANT.

NEAREST TOWN: CAMPO

STATE: CA

COUNTY: SAN DIEGO

## FACILITY DETAILS

MINE TYPE: SURFACE

MINE STATUS: ACTIVE

STATUS DATE: 04/01/2017

COAL OR METAL/NON-METAL MINE: METAL

CONTROLLER ID: M09180

CONTROLLER NAME: MUHT-HEI INC

CONTROLLER BEGIN DATE: 11/26/1990

OPERATOR ID: L11912

OPERATOR NAME: CAMPO MATERIALS COMPANY

COMPANY TYPE: CORPORATION

PRIMARY SIC CODE: 144201

PRIMARY SIC DESCRIPTION: SAND, COMMON

SECONDARY SIC CODE: NOT REPORTED

SECONDARY SIC DESCRIPTION: NOT REPORTED

PRIMARY CANVASS: SANDANDGRAVEL

SECONDARY CANVASS: NOT REPORTED

AVERAGE MINE HEIGHT: NOT REPORTED

MINE GAS CATEGORY: NOT REPORTED

METHANE LIBERATION: NOT REPORTED

NUMBER OF PRODUCING PITS: NOT REPORTED

NUMBER OF NON-PRODUCING PITS: NOT REPORTED

NUMBER OF TAILING PONDS: NOT REPORTED

PILLAR RECOVERY USED: NO

HIGHWALL MINER USED: NO

MULTIPLE PITS: NO

*Optional business information that can be used for this address association to allow a different name than the Legal Entity Name*

BUSINESS NAME: CAMPO MATERIALS COMPANY

ADDRESS: 36204 CHURCH RD

CAMPO, CA 91906

COUNTRY: USA

PROVINCE: NOT REPORTED

POSTAL CODE: NOT REPORTED

## VIOLATION DETAILS



# Mine Safety and Health Administration Master Index File (MSHA)

EVENT NUMBER	VIOLATION NUMBER	VIOLATION ISSUE DATE	VIOLATION OCCUR DATE	TYPE OF CITATION	NUMBER OF PEOPLE AFFECTED	PROPOSED PENALTY	DOCKET NUMBER
6727614	8995433	05/16/2017	05/16/2017	CITATION	NOT REPORTED	\$116	NOT REPORTED
1160765	8689916	02/25/2014	01/16/2014	CITATION	NOT REPORTED	\$100	NOT REPORTED
1160878	8689836	06/12/2013	06/12/2013	CITATION	1	\$162	NOT REPORTED
1160878	8689835	06/12/2013	04/16/2013	CITATION	NOT REPORTED	\$100	NOT REPORTED
1160346	8607724	06/06/2012	06/06/2012	CITATION	1	\$108	NOT REPORTED
1160316	8607650	01/10/2012	01/10/2012	CITATION	1	\$108	NOT REPORTED
1152963	8567284	08/02/2011	08/02/2011	CITATION	1	\$392	NOT REPORTED
1152963	8567285	08/02/2011	07/15/2011	CITATION	NOT REPORTED	\$499	NOT REPORTED
1152918	8567169	01/11/2011	01/11/2011	CITATION	1	\$5080	NOT REPORTED
1152918	8567170	01/11/2011	01/11/2011	CITATION	1	\$308	NOT REPORTED
1152918	8567171	01/11/2011	01/11/2011	CITATION	1	\$460	NOT REPORTED
1152918	8567172	01/11/2011	01/11/2011	CITATION	1	\$100	NOT REPORTED
1152260	8560432	06/23/2010	06/23/2010	CITATION	NOT REPORTED	\$100	NOT REPORTED
1152260	8560430	06/17/2010	06/17/2010	CITATION	NOT REPORTED	\$100	NOT REPORTED
1152260	8560431	06/23/2010	06/23/2010	CITATION	NOT REPORTED	\$100	NOT REPORTED
1152259	8560429	06/16/2010	06/16/2010	CITATION	NOT REPORTED	\$100	NOT REPORTED
1152259	8560423	06/15/2010	06/15/2010	CITATION	1	\$946	NOT REPORTED
1152259	8560424	06/15/2010	06/15/2010	CITATION	1	\$285	NOT REPORTED
1152259	8560425	06/16/2010	06/16/2010	ORDER	3	\$121	NOT REPORTED
1152259	8560428	06/16/2010	06/16/2010	CITATION	NOT REPORTED	\$100	NOT REPORTED
1152259	8560422	06/15/2010	06/15/2010	CITATION	1	\$100	NOT REPORTED
1152259	8560427	06/16/2010	06/16/2010	CITATION	NOT REPORTED	\$100	NOT REPORTED
1152259	8560420	06/15/2010	06/15/2010	CITATION	1	\$100	NOT REPORTED
1152259	8560419	06/15/2010	06/15/2010	CITATION	1	\$285	NOT REPORTED
1152259	8560421	06/15/2010	06/15/2010	CITATION	1	\$127	NOT REPORTED
1152259	8560426	06/16/2010	06/16/2010	CITATION	NOT REPORTED	\$100	NOT REPORTED
1152214	6485194	10/21/2009	10/21/2009	CITATION	1	\$1026	WEST 2010-451M
1152214	6485198	10/21/2009	10/21/2009	CITATION	1	\$100	WEST 2010-451M
1152214	6485201	10/21/2009	10/21/2009	CITATION	1	\$1026	WEST 2010-451M
1152214	6485193	10/21/2009	10/21/2009	CITATION	1	\$100	WEST 2010-451M
1152214	6485199	10/21/2009	10/21/2009	CITATION	NOT REPORTED	\$100	WEST 2010-451M
1152214	6485195	10/21/2009	10/21/2009	CITATION	1	\$1026	WEST 2010-451M
1152214	6485197	10/21/2009	10/21/2009	CITATION	1	\$138	WEST 2010-451M
1152214	6485203	10/22/2009	10/22/2009	CITATION	1	\$1026	WEST 2010-451M
1152214	6485200	10/21/2009	10/21/2009	CITATION	1	\$1026	WEST 2010-451M

# Mine Safety and Health Administration Master Index File (MSHA)

1152214	6485196	10/21/2009	10/21/2009	CITATION	1	\$308	WEST 2010-451M
1142979	7980707	06/24/2009	06/24/2009	CITATION	1	\$100	NOT REPORTED
1142979	7980705	06/24/2009	06/24/2009	CITATION	1	\$308	NOT REPORTED
1142979	7980709	06/24/2009	06/24/2009	CITATION	NOT REPORTED	\$100	NOT REPORTED
1142979	7980706	06/24/2009	06/24/2009	CITATION	1	\$100	NOT REPORTED
1142979	7980708	06/24/2009	06/24/2009	CITATION	1	\$100	NOT REPORTED
1147316	6441241	03/04/2009	03/04/2009	CITATION	1	\$100	NOT REPORTED
1147316	6441242	03/04/2009	03/04/2009	CITATION	1	\$100	NOT REPORTED
1147316	6441240	03/04/2009	03/04/2009	CITATION	1	\$100	NOT REPORTED
1142604	6439682	03/26/2008	03/26/2008	CITATION	1	\$687	NOT REPORTED
1133781	7995150	12/05/2007	12/05/2007	CITATION	1	\$3689	WEST 2008-1455M
1133781	7995152	12/05/2007	12/05/2007	CITATION	1	\$3689	WEST 2008-1455M
1133781	7995151	12/05/2007	12/05/2007	CITATION	1	\$3689	WEST 2008-1455M
1133781	7995149	12/05/2007	12/05/2007	CITATION	1	\$3689	WEST 2008-1455M
1133781	7995153	12/06/2007	12/06/2007	CITATION	1	\$8209	WEST 2008-1455M
1128974	7956069	06/26/2007	06/26/2007	CITATION	1	\$100	NOT REPORTED
1128974	7956063	06/26/2007	06/26/2007	CITATION	1	\$100	NOT REPORTED
1128974	7956065	06/26/2007	06/26/2007	CITATION	1	\$100	NOT REPORTED
1128974	7956068	06/26/2007	06/26/2007	CITATION	1	\$100	NOT REPORTED
1128974	7956070	06/26/2007	06/26/2007	CITATION	1	\$100	NOT REPORTED
1128974	7956066	06/26/2007	06/26/2007	CITATION	1	\$100	NOT REPORTED
1128974	7956064	06/26/2007	06/26/2007	CITATION	1	\$100	NOT REPORTED
1128974	7956067	06/26/2007	06/26/2007	CITATION	1	\$100	NOT REPORTED
1128974	7956062	06/26/2007	06/26/2007	CITATION	NOT REPORTED	\$100	NOT REPORTED
1122888	6380795	02/22/2006	02/22/2006	CITATION	1	\$60	NOT REPORTED
1122888	6380798	02/27/2006	02/27/2006	CITATION	1	\$60	NOT REPORTED
1122888	6380793	02/22/2006	02/22/2006	CITATION	1	\$60	NOT REPORTED
1122888	6380792	02/22/2006	02/22/2006	CITATION	1	\$60	NOT REPORTED
1122888	6380799	02/27/2006	02/27/2006	CITATION	1	\$60	NOT REPORTED
1122888	6381601	02/27/2006	02/27/2006	CITATION	2	\$273	NOT REPORTED
1122888	6380796	02/23/2006	02/23/2006	ORDER	6	\$291	NOT REPORTED
1122888	6380791	02/22/2006	02/22/2006	CITATION	1	\$60	NOT REPORTED
1122888	6380800	02/27/2006	02/27/2006	ORDER	NOT REPORTED	\$	NOT REPORTED
1122888	6380797	02/27/2006	02/27/2006	CITATION	NOT REPORTED	\$60	NOT REPORTED
1122888	6380794	02/22/2006	02/22/2006	CITATION	1	\$60	NOT REPORTED
1122808	6376092	04/07/2005	04/07/2005	CITATION	NOT REPORTED	\$60	NOT REPORTED
1122254	6364340	10/05/2004	10/05/2004	CITATION	NOT REPORTED	\$60	NOT REPORTED
1122254	6364339	10/05/2004	10/05/2004	CITATION	1	\$144	NOT REPORTED
1122254	6364341	10/05/2004	10/05/2004	CITATION	NOT REPORTED	\$60	NOT REPORTED
1122254	6364338	10/05/2004	10/05/2004	CITATION	1	\$60	NOT REPORTED

## Mine Safety and Health Administration Master Index File (MSHA)

0623616	7960136	10/30/2001	10/30/2001	CITATION	1	\$655	NOT REPORTED
0623616	7960133	10/30/2001	10/30/2001	CITATION	1	\$475	NOT REPORTED
0623616	7960135	10/30/2001	10/30/2001	CITATION	1	\$1500	NOT REPORTED
0623616	7960131	10/30/2001	10/30/2001	CITATION	1	\$872	NOT REPORTED
0623616	7960134	10/30/2001	10/30/2001	CITATION	1	\$1500	NOT REPORTED
0623616	7960132	10/30/2001	10/30/2001	CITATION	1	\$872	NOT REPORTED
0623431	7960044	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960034	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960046	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960037	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960035	07/11/2001	07/11/2001	CITATION	1	\$259	NOT REPORTED
0623431	7960030	07/10/2001	07/10/2001	CITATION	1	\$1500	NOT REPORTED
0623431	7960032	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960039	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960027	07/10/2001	07/10/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960036	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960033	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960041	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960040	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960029	07/10/2001	07/10/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960038	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960045	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960031	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960042	07/11/2001	07/11/2001	CITATION	1	\$317	NOT REPORTED
0623431	7960043	07/11/2001	07/11/2001	CITATION	1	\$55	NOT REPORTED
0623431	7960028	07/10/2001	07/10/2001	CITATION	1	\$55	NOT REPORTED
0652624	7991244	07/26/2000	07/26/2000	CITATION	1	\$55	NOT REPORTED
0652624	7991245	07/27/2000	07/27/2000	CITATION	1	\$55	NOT REPORTED
0652624	7991240	07/26/2000	07/26/2000	CITATION	1	\$173	NOT REPORTED
0652624	7991247	07/27/2000	07/27/2000	CITATION	1	\$55	NOT REPORTED
0652624	7991243	07/26/2000	07/26/2000	CITATION	1	\$173	NOT REPORTED
0652624	7991241	07/26/2000	07/26/2000	CITATION	1	\$55	NOT REPORTED
0652624	7991246	07/27/2000	07/27/2000	CITATION	1	\$55	NOT REPORTED
0652624	7991242	07/26/2000	07/26/2000	CITATION	1	\$55	NOT REPORTED

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## Facility Registry System (FRSCA)

**MAP ID# 4**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,530 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110057938022

NAME: **GAMESA WINDS US, LLC**

LOCATION ADDRESS: **40002 TUSIL ROAD  
BOULEVARD, CA 91905**

COUNTY: **SAN DIEGO**

EPA REGION: **09**

FEDERAL FACILITY: **NOT REPORTED**

TRIBAL LAND: **NOT REPORTED**

ALTERNATIVE NAME/S:

**GAMESA WINDS US, LLC**

PROGRAM/S LISTED FOR THIS FACILITY

**OSHA-IMIS - OSHA-IMIS**

**OSHA-OIS - OSHA-OIS**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**3699 - ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES, NOT ELSEWHERE CLASSIFIED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**335999 - ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING.**

**335999 - ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING.**

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# Hazardous Waste Tanner Summary (HWTS)

**MAP ID# 4**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,530 ft. (Higher than TP)

## SITE INFORMATION

EPA ID: CAL000310944  
NAME: KUMEYAAY WIND LLC  
COUNTY: SAN DIEGO  
ADDRESS: 40002 TUSIL RD  
BOULEVARD, CA 91905

FACILITY LINK: [Department of Toxic Substances Control](#)

## CONTACT INFORMATION

CONTACT: DUANE YEE  
PHONE: 619-766-9200  
ADDRESS: PO BOX 1679  
BOULEVARD CA 919050000

## MANIFEST SUMMARY INFORMATION

YEAR: 2016  
TSD ID: CAD044429835  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: NOT REPORTED  
WASTE CATEGORY: OTHER INORGANIC SOLID WASTE  
AMOUNT DISPOSED(TONS): 0.0025  
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2016  
TSD ID: CAD044429835  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: NOT REPORTED  
WASTE CATEGORY: OFF-SPECIFICATION, AGED OR SURPLUS ORGANICS  
AMOUNT DISPOSED(TONS): 0.325  
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2016  
TSD ID: CAD044429835  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: NOT REPORTED  
WASTE CATEGORY: OTHER ORGANIC SOLIDS  
AMOUNT DISPOSED(TONS): 1.74  
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2016  
TSD ID: UTD991301748  
GENERATOR COUNTY: SAN DIEGO  
DISPOSAL COUNTY: NOT REPORTED  
WASTE CATEGORY: OTHER ORGANIC SOLIDS  
AMOUNT DISPOSED(TONS): 0.5  
DISPOSAL METHOD: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

YEAR: 2015  
TSD ID: CAD044429835  
GENERATOR COUNTY: SAN DIEGO

## Hazardous Waste Tanner Summary (HWTS)

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.5**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2015**

TSD ID: **CAD050806850**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **WASTE OIL AND MIXED OIL**

AMOUNT DISPOSED(TONS): **1.4**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2015**

TSD ID: **UTD991301748**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.95**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2014**

TSD ID: **CAD044429835**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **1.125**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2014**

TSD ID: **UTD991301748**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **4.15**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2013**

TSD ID: **CAT000613893**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **2.5750**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2013**

## Hazardous Waste Tanner Summary (HWTS)

TSD ID: **NVT330010000**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER INORGANIC SOLID WASTE**

AMOUNT DISPOSED(TONS): **0.0075**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2013**

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.5625**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2013**

TSD ID: **UTD991301748**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.1500**

DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: **2012**

TSD ID: **CAT080013352**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **UNSPECIFIED OIL-CONTAINING WASTE**

AMOUNT DISPOSED(TONS): **1.2510**

DISPOSAL METHOD: **OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT**

YEAR: **2012**

TSD ID: **TXD077603371**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **UNKNOWN**

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **0.5375**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2011**

TSD ID: **CAT080013252**

GENERATOR COUNTY: **SAN DIEGO**

DISPOSAL COUNTY: **SAN DIEGO**

WASTE CATEGORY: **UNSPECIFIED OIL-CONTAINING WASTE**

AMOUNT DISPOSED(TONS): **4.5870**

DISPOSAL METHOD: **OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS**

## Hazardous Waste Tanner Summary (HWTS)

### RECOVERY ECT

YEAR: 2011

TSD ID: NVT330010000

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: SAN DIEGO

WASTE CATEGORY: OTHER INORGANIC SOLID WASTE

AMOUNT DISPOSED(TONS): 0.0350

DISPOSAL METHOD: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

YEAR: 2011

TSD ID: TXD077603371

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: SAN DIEGO

WASTE CATEGORY: OTHER INORGANIC SOLID WASTE

AMOUNT DISPOSED(TONS): 0.0075

DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2011

TSD ID: TXD077603371

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: SAN DIEGO

WASTE CATEGORY: OFF-SPECIFICATION, AGED OR SURPLUS ORGANICS

AMOUNT DISPOSED(TONS): 0.0050

DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2011

TSD ID: TXD077603371

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: SAN DIEGO

WASTE CATEGORY: OTHER ORGANIC SOLIDS

AMOUNT DISPOSED(TONS): 3.3500

DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2008

TSD ID: NVT330010000

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: UNKNOWN

WASTE CATEGORY: UNSPECIFIED OIL-CONTAINING WASTE

AMOUNT DISPOSED(TONS): 0.6750

DISPOSAL METHOD: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

YEAR: 2008

TSD ID: TXD077603371

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: UNKNOWN

WASTE CATEGORY: WASTE OIL AND MIXED OIL



## Hazardous Waste Tanner Summary (HWTS)

AMOUNT DISPOSED(TONS): 4.0000

DISPOSAL METHOD: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE

YEAR: 2007

TSD ID: NVT330010000

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: UNKNOWN

WASTE CATEGORY: WASTE OIL AND MIXED OIL

AMOUNT DISPOSED(TONS): 2.6000

DISPOSAL METHOD: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

YEAR: 2007

TSD ID: NVT330010000

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: UNKNOWN

WASTE CATEGORY: UNSPECIFIED OIL-CONTAINING WASTE

AMOUNT DISPOSED(TONS): 0.3000

DISPOSAL METHOD: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

YEAR: 2007

TSD ID: NVT330010000

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: UNKNOWN

WASTE CATEGORY: UNSPECIFIED OIL-CONTAINING WASTE

AMOUNT DISPOSED(TONS): 0.7000

DISPOSAL METHOD: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

YEAR: 2007

TSD ID: NVT330010000

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: UNKNOWN

WASTE CATEGORY: OTHER ORGANIC SOLIDS

AMOUNT DISPOSED(TONS): 1.2000

DISPOSAL METHOD: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL( TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

YEAR: 2006

TSD ID: TXD077603371

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: UNKNOWN

WASTE CATEGORY: UNSPECIFIED OIL-CONTAINING WASTE

AMOUNT DISPOSED(TONS): 0.2500

DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2006

TSD ID: TXD077603371

GENERATOR COUNTY: SAN DIEGO

DISPOSAL COUNTY: UNKNOWN

## ***Hazardous Waste Tanner Summary (HWTS)***

WASTE CATEGORY: **OTHER ORGANIC SOLIDS**

AMOUNT DISPOSED(TONS): **1.4000**

DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

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## Formerly Used Defense Sites (FUDS)

**MAP ID# 5**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 2,730 ft. (Lower than TP)

FUDS #: J09CA7078

FFID: CA9799F9799

NAME: CAMP LOCKETT

CITY: CAMPO

STATE: CA

ZIPCODE: 91906

DISTRICT RESPONSIBLE FOR THE FUDS PROPERTY: LOS ANGELES DISTRICT (SPL)

IS THE PROPERTY HAS ANY CLEANUP UNDER THE MILITARY MUNITIONS RESPONSE PROGRAM (MMRP): Y

DESCRIPTION: THE ARMY ACQUIRED 7,111.748 ACRES FOR CAMP LOCKETT IN CAMPO, CALIFORNIA, APPROXIMATELY 40 DIRECTLY MILES EAST OF DOWNTOWN SAN DIEGO. IT COVERED 7,111.748 ACRES. MORE THAN 400 BUILDINGS, INCLUDING BARRACKS, ADMINISTRATIVE OFFICES, A HOSPITAL, WATER AND SEWER PLANTS, TWO GAS STATIONS, AND RECREATIONAL AREAS, WERE CONSTRUCTED. ON 30 SEPTEMBER 1946, THE WAR ASSETS ADMINISTRATION ASSUMED ACCOUNTABILITY FOR 1,096.168 ACRES WHICH WERE DISPOSED OF AS FOLLOWS: 113.0 ACRES IN LEASE TERMINATED ON 1 APRIL 1947; 671.21 IN FEE QUITCLAIMED TO THE COUNTY OF SAN DIEGO ON 7 JUNE 1950 (ACREAGE INCLUDES AN EXCEPTION OF 36.4 ACRES IN FEE QUITCLAIMED TO THE MOUNTAIN EMPIRE HIGH SCHOOL DISTRICT ON 15 SEPTEMBER 1949); AND 277.0 ACRES IN TWO LEASES, 31.228 ACRES IN FEE, AND 3.73 ACRES IN LESSER INTERESTS DISPOSED OF BY MEANS UNKNOWN. OVER 70 BUILDINGS REMAIN, MOST OF WHICH ARE IN USE BY PRIVATE PARTIES AND THE COUNTY OF SAN DIEGO FOR HOUSING, SCHOOL, COMMUNITY, OR COMMERCIAL PURPOSES. THIS PROPERTY IS KNOWN OR SUSPECTED TO CONTAIN MILITARY MUNITIONS AND EXPLOSIVES OF CONCERN (E.G., UNEXPLODED ORDNANCE) AND THEREFORE MAY PRESENT AN EXPLOSIVE HAZARD.

HISTORY: THE ARMY USED CAMP LOCKETT INITIALLY FOR CAVALRY TRAINING AND BORDER DEFENSE. THE ARMY ACQUIRED 7,111.748 ACRES FOR CAMP LOCKETT AS FOLLOWS: 702.438 ACRES IN FEE FROM PRIVATE PARTIES AND THE COUNTY OF SAN DIEGO BETWEEN 30 NOVEMBER AND 23 DECEMBER 1942. QUITCLAIMED TO THE COUNTY OF SAN DIEGO ON 7 JUNE 1950 (ACREAGE INCLUDES AN EXCEPTION OF 36.4 ACRES IN FEE QUITCLAIMED TO THE MOUNTAIN EMPIRE HIGH SCHOOL DISTRICT ON 15 SEPTEMBER 1949); AND 277.0 ACRES IN TWO LEASES, 31.228 ACRES IN FEE, AND 3.73 ACRES IN LESSER INTERESTS DISPOSED OF BY MEANS UNKNOWN. OVER 70 BUILDINGS REMAIN, MOST OF WHICH ARE IN USE BY PRIVATE PARTIES AND THE COUNTY OF SAN DIEGO FOR HOUSING, SCHOOL, COMMUNITY, OR COMMERCIAL PURPOSES.

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# Historical Underground Storage Tanks (HISTUST)

**MAP ID# 6**

Distance from Property: 0 mi. (0 ft.) X  
 Elevation: 4,091 ft. (Higher than TP)

BOULEVARD, NONE LOD HWY 80, SACRAMENTO, CA 95814  
 UNIQUE ID: 0002AD22

PAGE 629	STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR SAN DIEGO COUNTY	06/01/88
CONTAINER TYPES: 1, 2, 3, 4, 5 (1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)		
<b>I OWNER</b>		
CALIF DEPT OF TRANSPORTATION 1120 N STREET SACRAMENTO CA 95814		
<b>II FACILITY</b>		
BOULEVARD OLD HWY 80 BOULEVARD	MAILING ADDRESS TOWNSHIP/RANGE/SECTION PO BOX 1178 BOULEVARD	DEALER/FOREMAN/SUPERVISOR TELEPHONE (619) 766-4348
CROSS STREET :	CA 95814	CA 92005
<b>III 24-HR. CONTACT PERSON / TELEPHONE</b>		
DAY: ( ) - NIGHT: ( ) -		
***** OWNER ASSIGNED CONTAINER NUMBER: 000000001 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000068178001 *****		
<b>IV DESCRIPTION</b>		
A. CONTAINER TYPE : TANK	E. REPAIRS : IF YES WHEN :	
B. MANUFACTURER/.R OF MFG :	F. CURRENTLY USED : NO IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : 1961	G. STORES : PRODUCT	
D. CAPACITY (GALLONS) : 1,000	H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL	
IS CONTAINER LOCATED ON A FARM : NO		
<b>V CONTAINER CONSTRUCTION</b>		
A. THICKNESS:	B. VALVING:	C. WALLING:
D. MATERIAL : CARBON STEEL		
E. LINING :		
F. WRAPPING :		
<b>VI PIPING</b>		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING :	
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:		
<b>VII LEAK DETECTION</b>		
0		
COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER		
12034 DIESEL MOTOR VEHICLE FUEL		

\*\*\* N11 \*\*\*

# HISTUST (HISTUST)

BOULEVARD, NONE LOD HWY 80, SACRAMENTO, CA 95814  
UNIQUE ID: 0002AD22

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PAGE 630 STATE WATER RESOURCES CONTROL BOARD 06/01/88  
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR SAN DIEGO COUNTY  
CONTAINER TYPES: 1, 2, 3, 4, 5  
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

\*\*\*\*\* OWNER ASSIGNED CONTAINER NUMBER: 000000002 \*\*\*\*\* STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000068178002 \*\*\*\*\*

IV DESCRIPTION  
A. CONTAINER TYPE : TANK  
B. MANUFACTURER/YR OF MFG: /  
C. YEAR INSTALLED : 1961  
D. CAPACITY (GALLONS) : 1,000  
E. REPAIRS : IF YES WHEN :  
F. CURRENTLY USED : NO IF NO, YEAR OF LAST USE:  
G. STORES : PRODUCT  
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION  
A. THICKNESS:  
B. VAULTING:  
C. WALLING:  
D. MATERIAL : CARBON STEEL  
E. LINING :  
F. WRAPPING :

VI PIPING  
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING :  
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION 0

COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER  
12034 DIESEL MOTOR VEHICLE FUEL

\*\*\*\*\* OWNER ASSIGNED CONTAINER NUMBER: 000000003 \*\*\*\*\* STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000068178003 \*\*\*\*\*

IV DESCRIPTION  
A. CONTAINER TYPE : TANK  
B. MANUFACTURER/YR OF MFG: /  
C. YEAR INSTALLED : 1975  
D. CAPACITY (GALLONS) : 3,000  
E. REPAIRS : IF YES WHEN :  
F. CURRENTLY USED : NO IF NO, YEAR OF LAST USE:  
G. STORES : PRODUCT  
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION  
A. THICKNESS:  
B. VAULTING:  
C. WALLING:  
D. MATERIAL : CARBON STEEL  
E. LINING :  
F. WRAPPING :

VI PIPING  
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING :  
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION 0

COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER  
12031 UNLEADED MOTOR VEHICLE FUEL

\*\*\* 011 \*\*\*

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**San Diego County Hazardous Materials Management Division Database  
(HMMDD)**

**MAP ID# 7**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 3,226 ft. (Lower than TP)

**FACILITY INFORMATION**

RECORD ID: 114415

BUSINESS NAME: ACS MOUNTAIN HEALTH CENTER

ADDRESS: 36190 HWY 94  
CAMPO, CA 91906

COUNTY: SAN DIEGO

**FACILITY DETAILS** NO DETAILS REPORTED

**HAZARDOUS MATERIALS INFORMATION** NO DETAILS REPORTED

**ADDITIONAL FACILITY INFORMATION**

OWNER NAME: SOUTHERN HEALTH SERVICES

ADDRESS: PO BOX 37 #204  
CAMPO, CA, 91906

PROPERTY OWNER: NOT REPORTED

ADDRESS: NOT REPORTED  
NOT REPORTED,

INSPECTION DATE: 08/30/90

EPA ID #: NOT REPORTED

BUSINESS PHONE: 619-478-5311

INSPECTOR NAME: LEGACY

SITE CONTACT NAME: JUDY ISBELL

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## *Indian Reservations (INDIANRES)*

[MAP ID# 8](#)

Distance from Property: 0 mi. (0 ft.) X

Elevation: 3,755 ft. (Higher than TP)

### **SITE INFORMATION**

ENTITY: **CAMPO RESERVATION**

OCCUPANT: **CAMPO BAND OF DIEGUENO MISSION INDIANS OF THE CAMPO INDIAN RESERVATION, CALIFORNIA**

AIANA DESCRIPTION: **AMERICAN INDIAN RESERVATION**

ENTITY IN FEDERAL REGISTER: **YES**

ACRES: **16526.16**

SQUARE MILES: **25.82**

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## Enforcement and Compliance History Information (ECHOR09)

**MAP ID# 9**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,106 ft. (Higher than TP)

### **FACILITY INFORMATION**

UNIQUE ID: 110008280555

REGISTRY ID: 110008280555

NAME: CALTRANS BOULEVARD MAINT STATION

ADDRESS: OLD HIGHWAY 80  
BOULEVARD, CA 91905

COUNTY: SAN DIEGO

FACILITY LINK: [Facility Detail Report](#)

---

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## Facility Registry System (FRSCA)

**MAP ID# 9**

Distance from Property: 0 mi. (0 ft.) X

Elevation: 4,106 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110008280555

NAME: CALTRANS BOULEVARD MAINT STATION

LOCATION ADDRESS: OLD HIGHWAY 80  
BOULEVARD, CA 91905

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: YES

#### ALTERNATIVE NAME/S:

CALTRANS BOULEVARD MAINT STA

CALTRANS DISTRICT 11-BOULEVARD MAINT STA

BOULEVARD TRANSFER STATION

#### PROGRAM/S LISTED FOR THIS FACILITY

RCRAINFO - RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HWTS-DATAMART - HAZARDOUS WASTE TRACKING SYSTEM - DATAMART

#### STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

NO SIC DATA REPORTED

#### NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED

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# Resource Conservation & Recovery Act - Generator (RCRAGR09)

MAP ID# 9

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,106 ft. (Higher than TP)

## FACILITY INFORMATION

EPA ID#: CAD982520017

NAME: CALTRANS BOULEVARD MAINT STA

ADDRESS: OLD HIGHWAY 80

BOULEVARD, CA 91905

CONTACT NAME: ENVIRONMENTAL MANAGER

CONTACT ADDRESS: P O BOX 1178

BOULEVARD CA 92006

CONTACT PHONE: 619-766-4348

NON-NOTIFIER: NOT A NON-NOTIFIER

DATE RECEIVED BY AGENCY: 04/26/1989

CERTIFICATION - NO CERTIFICATION REPORTED -

INDUSTRY CLASSIFICATION (NAICS) - NO NAICS INFORMATION REPORTED -

CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: SMALL QUANTITY GENERATOR LAST UPDATED DATE: 06/27/2002

SUBJECT TO CORRECTIVE ACTION UNIVERSE: NO

TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: NO

TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: NO

NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: NO

CORRECTIVE ACTION WORKLOAD UNIVERSE: NO

IMPORTER: NO

UNDERGROUND INJECTION: NO

MIXED WASTE GENERATOR: NO

UNIVERSAL WASTE DESTINATION FACILITY: NO

RECYCLER: NO

TRANSFER FACILITY: NO

TRANSPORTER: NO

USED OIL FUEL BURNER: NO

ONSITE BURNER EXEMPTION: NO

USED OIL PROCESSOR: NO

FURNACE EXEMPTION: NO

USED OIL FUEL MARKETER TO BURNER: NO

USED OIL REFINER: NO

SPECIFICATION USED OIL MARKETER: NO

USED OIL TRANSFER FACILITY: NO

USED OIL TRANSPORTER: NO

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

## EVALUATIONS

01/15/2004 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE

VIOLATIONS - NO VIOLATIONS REPORTED -

ENFORCEMENTS - NO ENFORCEMENTS REPORTED -

HAZARDOUS WASTE

- NO HAZARDOUS WASTE INFORMATION REPORTED -

UNIVERSAL WASTE - NO UNIVERSAL WASTE REPORTED -

CORRECTIVE ACTION AREA - NO CORRECTIVE ACTION AREA INFORMATION REPORTED -

CORRECTIVE ACTION EVENT

NO CORRECTIVE ACTION EVENT(S) REPORTED

**Resource Conservation & Recovery Act - Generator (RCRAGR09)**

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## Facility Registry System (FRSCA)

**MAP ID# 10**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,557 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110055865871

NAME: **SDG&E - SUNRISE TELECOM EP146**

LOCATION ADDRESS: **END OF OLD MINE RD  
BOULEVARD, CA 91905**

COUNTY: **SAN DIEGO**

EPA REGION: **9**

FEDERAL FACILITY: **NOT REPORTED**

TRIBAL LAND: **NOT REPORTED**

ALTERNATIVE NAME/S:

**SDG&E - SUNRISE TELECOM EP146**

PROGRAM/S LISTED FOR THIS FACILITY

**CA-CERS - CA-CERS**

**CA-ENVIROVIEW - CA-ENVIROVIEW**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**4939 - COMBINATION UTILITIES, NOT ELSEWHERE CLASSIFIED**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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## Facility Registry System (FRSCA)

**MAP ID# 11**

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 4,606 ft. (Higher than TP)

### **FACILITY INFORMATION**

REGISTRY ID: 110038177932

NAME: KUMEYAAY WIND

LOCATION ADDRESS: NORTH OF I-8, WEST OF CAMPO CR  
CAMPO, CA 91906

COUNTY: SAN DIEGO

EPA REGION: 9

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: YES

ALTERNATIVE NAME/S:

KUMEYAAY WIND

PROGRAM/S LISTED FOR THIS FACILITY

EIA-860 - EIA-860

ICIS - INTEGRATED COMPLIANCE INFORMATION SYSTEM

EGRID - EMISSIONS & GENERATION RESOURCE INTEGRATED DATABASE

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

NO SIC DATA REPORTED

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED

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## *Indian Reservations (INDIANRES)*

[MAP ID# 12](#)

Distance from Property: 0.018 mi. (95 ft.) N

Elevation: 4,307 ft. (Higher than TP)

### **SITE INFORMATION**

ENTITY: **MANZANITA RESERVATION**

OCCUPANT: **MANZANITA BAND OF DIEGUENO MISSION INDIANS OF THE MANZANITA RESERVATION, CALIFORNIA**

AIANA DESCRIPTION: **AMERICAN INDIAN RESERVATION**

ENTITY IN FEDERAL REGISTER: **YES**

ACRES: **3572.76**

SQUARE MILES: **5.58**

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## ***Indian Reservations (INDIANRES)***

**MAP ID# 13**

Distance from Property: 0.025 mi. (132 ft.) N  
Elevation: 3,798 ft. (Higher than TP)

### **SITE INFORMATION**

ENTITY: **LA POSTA RESERVATION**

OCCUPANT: **LA POSTA BAND OF DIEGUENO MISSION INDIANS OF THE LA POSTA INDIAN RESERVATION, CALIFORNIA**

AIANA DESCRIPTION: **AMERICAN INDIAN RESERVATION**

ENTITY IN FEDERAL REGISTER: **YES**

ACRES: **4076.29**                      SQUARE MILES: **6.37**

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# Historical Underground Storage Tanks (HISTUST)

MAP ID# 14

Distance from Property: 0.11 mi. (581 ft.) W  
Elevation: 3,890 ft. (Higher than TP)

LIVE OAK SPRINGS VILLAGE STORE, 2500 LIVE OAKS TRAIL, , NO 92005  
UNIQUE ID: 0002AC96

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\*\*\* B02 \*\*\*

PAGE 483 STATE WATER RESOURCES CONTROL BOARD 06/01/88  
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR SAN DIEGO COUNTY  
CONTAINER TYPES: 1, 2, 3, 4, 5  
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER  
BETTY A. HIGGINS  
39052 OLD HWY 80 BOULEVARD CA 92005

II FACILITY  
LIVE OAK SPRINGS VILLAGE STORE  
2500 LIVE OAKS TRAIL BOULEVARD CA 92005  
CROSS STREET :  
OLD HWY 80

MAILING ADDRESS  
TOWNSHIP/RANGE/SECTION  
P.O. BOX 951  
BOULEVARD CA 92005

DEALER/FOREMAN/SUPERVISOR  
TELEPHONE  
BETTY HIGGINS  
(619) 766-4273

TYPE OF BUSINESS  
NO. OF CONTAINERS  
GASOLINE STATION  
2

III 24-HR. CONTACT PERSON / TELEPHONE  
DAY: HIGGINS, BETTY (619) 766-4273 NIGHT: HIGGINS, BETTY (619) 766-4729

\*\*\*\*\* OWNER ASSIGNED CONTAINER NUMBER: D-1 \*\*\*\*\* STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000052331001 \*\*\*\*\*

IV DESCRIPTION  
A. CONTAINER TYPE : TANK  
B. MANUFACTURER/YR OF MFG: /  
C. YEAR INSTALLED : UNK  
D. CAPACITY (GALLONS) : 5,000  
E. REPAIRS : UNKN IF YES WHEN :  
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:  
G. STORES : PRODUCT  
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION  
A. THICKNESS:  
D. MATERIAL : UNKNOWN B. VAULTING: UNKNOWN C. WALLING: UNKNOWN  
E. LINING : UNKNOWN  
F. WRAPPING : UNKNOWN

VI PIPING  
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : UNKNOWN  
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION  
STOCK INVENTORY 0  
12034 COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER  
DIESEL MOTOR VEHICLE FUEL

\*\*\* C02 \*\*\*



# HISTUST (HISTUST)

LIVE OAK SPRINGS VILLAGE STORE, 2500 LIVE OAKS TRAIL, , NO 92005  
UNIQUE ID: 0002AC96

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\*\*\* C02 \*\*\*

PAGE 484 STATE WATER RESOURCES CONTROL BOARD 06/01/88  
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR SAN DIEGO COUNTY  
CONTAINER TYPES: 1,2,3,4,5  
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

\*\*\*\*\* OWNER ASSIGNED CONTAINER NUMBER: R-1 \*\*\*\*\* STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000052331002 \*\*\*\*\*

IV DESCRIPTION  
A. CONTAINER TYPE : TANK  
B. MANUFACTURER/YR OF MFG: /  
C. YEAR INSTALLED : UNK  
D. CAPACITY (GALLONS) : 7,500  
E. REPAIRS : UNKN IF YES WHEN :  
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:  
G. STORES : PRODUCT  
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: REGULAR

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION  
A. THICKNESS:  
B. VAULTING: UNKNOWN C. WALLING: UNKNOWN  
D. MATERIAL : UNKNOWN  
E. LINING : UNKNOWN  
F. WRAPPING : UNKNOWN

VI PIPING  
A. ABOVEGROUND PIPING :  
B. UNDERGROUND PIPING : UNKNOWN  
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION  
STOCK INVENTORY 0  
COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER  
12032 REGULAR MOTOR VEHICLE FUEL

\*\*\* 002 \*\*\*

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# Statewide Environmental Evaluation and Planning System (SWEEPS)

MAP ID# 14

Distance from Property: 0.11 mi. (581 ft.) W  
Elevation: 3,890 ft. (Higher than TP)

## FACILITY INFORMATION

FACILITY #: 3534 STATUS: ACTIVE  
BOE: 44-021886 JURISDICTION: SAN DIEGO COUNTY  
NAME: FOOD SOURCE MARKET AGENCY: SAN DIEGO COUNTY - U.S.T.  
ADDRESS: 2500 LIVE OAK TL  
BOULEVARD, CA 91905

## TANK INFORMATION

TANK #: 000001 CAPACITY: 5000  
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED  
TANK USE: M.V. FUEL STORAGE TYPE: PRODUCT  
CONTENT: REG UNLEADED CONTAINMENT: NOT REPORTED

TANK #: 000002 CAPACITY: 7500  
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED  
TANK USE: M.V. FUEL STORAGE TYPE: PRODUCT  
CONTENT: LEADED CONTAINMENT: NOT REPORTED

TANK #: 000003 CAPACITY: 4000  
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED  
TANK USE: M.V. FUEL STORAGE TYPE: PRODUCT  
CONTENT: REG UNLEADED CONTAINMENT: NOT REPORTED

TANK #: 000004 CAPACITY: 8000  
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED  
TANK USE: M.V. FUEL STORAGE TYPE: PRODUCT  
CONTENT: REG UNLEADED CONTAINMENT: NOT REPORTED

TANK #: 000005 CAPACITY: 3000  
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED  
TANK USE: M.V. FUEL STORAGE TYPE: PRODUCT  
CONTENT: OTHER CONTAINMENT: NOT REPORTED

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## Above Ground Storage Tanks (ABST)

**MAP ID# 15**

Distance from Property: 0.158 mi. (834 ft.) W  
Elevation: 4,087 ft. (Higher than TP)

### **FACILITY INFORMATION**

GEOSEARCH ID: 396552

SITE ID: 396552

FACILITY NAME: LEVEL 3 COMMUNICATIONS - PINE VALLEY - PNVYCAAI

ADDRESS: 36549 OLD HIGHWAY 80  
PINE VALLEY, CA 91962

COUNTY: NOT REPORTED

### **FACILITY DETAILS**

EI ID: 10362697

EI DESCRIPTION: ABOVEGROUND PETROLEUM STORAGE

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## Underground Storage Tanks (USTCUPA)

**MAP ID# 16**

Distance from Property: 0.179 mi. (945 ft.) SW  
Elevation: 3,855 ft. (Higher than TP)

### **FACILITY INFORMATION**

GEOSEARCH ID: 4165526595      FACILITY ID: 37-000-202342  
NAME: LIVE OAK SPRINGS MARKET  
ADDRESS: 37820 OLD HIGHWAY 80  
            BOULEVARD, CA 91905  
COUNTY: SAN DIEGO

### **FACILITY DETAILS**

OTHER FACILITY NAME(S) LISTED FOR THIS SITE: LIVE OAK SPRINGS MARKET  
PERMIT AGENCY: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH  
FACILITY DETAILS LINK: [Click Here](#)

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## Solid Waste Information System Sites (SWIS)

**MAP ID# 17**

Distance from Property: 0.44 mi. (2,323 ft.) E  
Elevation: 3,519 ft. (Lower than TP)

### **FACILITY INFORMATION**

GEOSEARCH ID: 37-CR-0100SWIS  
ID NUMBER: 37-CR-0100  
NAME: TIERRA DEL SOL  
LOCATION: 562 TIERRA DEL SOL ROAD  
BOULEVARD, CA 91905  
COUNTY: SAN DIEGO  
LATITUDE: 32.668300000  
LONGITUDE: -116.316700000

### **OWNER INFORMATION**

- NO OWNER INFORMATION REPORTED -

### **OPERATOR INFORMATION**

NAME: NOT REPORTED  
ADDRESS: NOT REPORTED

### **FACILITY DETAILS**

SITE ID: NOT REPORTED  
LAND USE: NOT REPORTED  
PERMIT DATE: NOT REPORTED  
PERMIT STATUS: NOT REPORTED  
ENFORCEMENT AGENCY: NOT REPORTED

### **UNIT**

CATEGORY: NOT REPORTED  
UNIT #: NOT REPORTED  
REGULATORY STATUS: UNPERMITTED  
OPERATIONAL STATUS: UNPERMITTED  
ACTIVITY: SOLID WASTE DISPOSAL SITE  
INSPECTION: NOT REPORTED  
ACCEPTED WASTE: NOT REPORTED  
CAPACITY: NOT REPORTED  
REMAINING CAPACITY: NOT REPORTED  
THROUGHPUT: NOT REPORTED  
DISPOSAL ACREAGE: NOT REPORTED  
CLOSURE DATE: NOT REPORTED

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## EnviroStor Cleanup Sites (ENVIROSTOR)

**MAP ID# 18**

Distance from Property: 0.895 mi. (4,726 ft.) ESE  
Elevation: 3,978 ft. (Higher than TP)

### **SITE INFORMATION**

ID #: **80000486** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

URL LINK: [CLICK HERE](#)

NAME: **SOL GAP FILLER AX Z76C**

ADDRESS: **NOT REPORTED**

**TIERRA DEL SOL, CA**

COUNTY: **SAN DIEGO**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **SMBRP**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **DOUGLAS BAUTISTA**

DTSC DIVISION BRANCH: **CLEANUP CYPRESS**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **MILITARY EVALUATION**

### SITE TYPE DESCRIPTION

**EVALUATION: IDENTIFIES SUSPECTED, BUT UNCONFIRMED, CONTAMINATED SITES THAT NEED OR HAVE GONE THROUGH AN INVESTIGATION AND ASSESSMENT PROCESS. IF A SITE IS FOUND TO HAVE CONFIRMED CONTAMINATION, IT WILL CHANGE FROM EVALUATION TO EITHER A STATE RESPONSE OR VOLUNTARY CLEANUP SITE TYPE. SITES FOUND TO HAVE NO CONTAMINATION AT THE COMPLETION OF THE INVESTIGATION AND ASSESSMENT PROCESS RESULT IN A NO ACTION REQUIRED (FOR PHASE 1 ASSESSMENTS) OR NO FURTHER ACTION (FOR PHASE 2 ASSESSMENTS) DETERMINATION.**

DTSC's CURRENT INVOLVEMENT AT SITE (as of 07/01/2005)

**INACTIVE - NEEDS EVALUATION - IDENTIFIES NON-ACTIVE SITES WHERE DTSC HAS DETERMINED A PEA OR OTHER EVALUATION IS REQUIRED**

PAST USE/S THAT CAUSED THE CONTAMINATION

**NONE SPECIFIED**

CONFIRMED CONTAMINANTS OF CONCERN

**NONESPECIFIED - NONE SPECIFIED**

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## **Unlocated Sites Summary**

*This list contains sites that could not be mapped due to limited or incomplete address information.*

*No Records Found*

## ***Environmental Records Definitions - FEDERAL***

**AIRSAFS** Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

**BRS** Biennial Reporting System

VERSION DATE: 12/31/11

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

**CDL** Clandestine Drug Laboratory Locations

VERSION DATE: 07/01/16

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

**DOCKETS** EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

**EC** Federal Engineering Institutional Control Sites

VERSION DATE: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part



## ***Environmental Records Definitions - FEDERAL***

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

**ECHOR09** Enforcement and Compliance History Information

VERSION DATE: 08/26/17

The EPA's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

**ERNSCA** Emergency Response Notification System

VERSION DATE: 04/29/18

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

**FRSCA** Facility Registry System

VERSION DATE: 04/17/18

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

**HMIRSR09** Hazardous Materials Incident Reporting System

VERSION DATE: 03/27/18

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

**ICIS** Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/23/17

## Environmental Records Definitions - FEDERAL

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

**ICISNPDES** Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 07/09/17

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

**LUCIS** Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

**MLTS** Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements.

**NPDESR09** National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

**PADS** PCB Activity Database System

VERSION DATE: 07/18/17

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are

## ***Environmental Records Definitions - FEDERAL***

required to notify the EPA of such activities.

**PCSR09** Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

**RCRASC** RCRA Sites with Controls

VERSION DATE: 03/21/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

**SEMSLIENS** SEMS Lien on Property

VERSION DATE: 04/11/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

**SFLIENS** CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete.

## ***Environmental Records Definitions - FEDERAL***

**SSTS** Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

**TRI** Toxics Release Inventory

VERSION DATE: 12/31/16

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

**TSCA** Toxic Substance Control Act Inventory

VERSION DATE: 12/31/12

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

**RCRAGR09** Resource Conservation & Recovery Act - Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA Region 9 includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

## ***Environmental Records Definitions - FEDERAL***

### **RCRANGR09**

Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA Region 9 includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

### **ALTFUELS**

Alternative Fueling Stations

VERSION DATE: 01/22/18

Nationwide list of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

### **FEMAUST**

FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

### **HISTPST**

Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

### **ICISCLEANERS**

Integrated Compliance Information System Drycleaners

VERSION DATE: 09/23/17

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

### **MRDS**

Mineral Resource Data System

VERSION DATE: 03/15/16

## ***Environmental Records Definitions - FEDERAL***

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

**MSHA** Mine Safety and Health Administration Master Index File

VERSION DATE: 09/01/17

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

**BF** Brownfields Management System

VERSION DATE: 06/27/18

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

**DNPL** Delisted National Priorities List

VERSION DATE: 04/11/18

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

**NLRRCRAT** No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 03/01/18

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

**ODI** Open Dump Inventory

VERSION DATE: 06/01/85

## **Environmental Records Definitions - FEDERAL**

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

**RCRAT** Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

**SEMS** Superfund Enterprise Management System

VERSION DATE: 04/11/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

**SEMSARCH** Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 04/11/18

The Superfund Enterprise Management System Archive listing (SEMS-ARCHIVE) has replaced the CERCLIS NFRAP reporting system in 2015. This listing reflect sites that have been assessed and no further remediation is planned and is of no further interest under the Superfund program.

**SMCRA** Surface Mining Control and Reclamation Act Sites

VERSION DATE: 08/25/17

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

## ***Environmental Records Definitions - FEDERAL***

**USUMTRCA** Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

**DOD** Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

**FUDS** Formerly Used Defense Sites

VERSION DATE: 06/01/15

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

**FUSRAP** Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

**NLRRCRAC** No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 03/01/18



## ***Environmental Records Definitions - FEDERAL***

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

**NMS** Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites.

During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

**NPL** National Priorities List

VERSION DATE: 04/11/18

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

**PNPL** Proposed National Priorities List

VERSION DATE: 04/11/18

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

**RCRAC** Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

## ***Environmental Records Definitions - FEDERAL***

### **RCRASUBC**

Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

### **RODS**

Record of Decision System

VERSION DATE: 04/11/18

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

## **Environmental Records Definitions - STATE (CA)**

**CDL** Clandestine Drug Labs

VERSION DATE: 12/31/17

The California Department of Toxic Substance Control (DTSC) provides this listing of illegal drug laboratories. Pursuant to Section 25354.5 of the California Health and Safety Code, DTSC conducts emergency removal actions at clandestine drug labs at the request of State and local law enforcement agencies. DTSC's contractors typically remove hazardous substances that may pose an immediate threat to public health and the environment while the enforcement officials are on scene. During the emergency removal actions, contractors remove and properly dispose of contaminated lab equipment, chemicals used to make the illegal drugs (usually methamphetamine), lab chemical wastes, and other grossly contaminated materials. DTSC does not perform additional assessment work beyond standard emergency removal actions and makes no further determination regarding the need for future cleanup work at the emergency removal location. The reported location information may or may not include the actual location of the illegal drug lab. The DTSC does not guarantee the accuracy of the address or location information or the condition of the location listed.

**CHMIRS** California Hazardous Material Incident Report System

VERSION DATE: 04/06/18

The California Hazardous Material Incident Report System database is provided by the California Emergency Management Agency. This database contains accidental or spill release information from reported hazardous material incidents since 1993.

**DTSCDR** DTSC Deed Restrictions

VERSION DATE: 07/08/18

The California Department of Toxic Substances Control (DTSC) maintains this listing of sites with deed restrictions. According to the DTSC, restricted land use indicates whether the site or area within the site has an environmental restriction recorded and/or other institutional control preventing certain types of land use or activities. The land use restrictions listed under the site management requirements are only an abbreviated summary of the land use restrictions, and may not encompass all restrictions and notification requirements placed on a property. For complete land use restriction information please contact the DTSC to review associated Land Use Restriction documents.

**EMI** Emissions Inventory Data

VERSION DATE: 12/31/16

The Air Resources Board's Emissions Inventory Database contains criteria pollutant data and toxic data on facilities throughout the state of California for the 2012-2000 inventory years.

**HWTS** Hazardous Waste Tanner Summary

VERSION DATE: 12/31/16

## **Environmental Records Definitions - STATE (CA)**

This data is prepared from information extracted from copies of hazardous waste manifests received each year by the Department of Toxic Substances Control. The Hazardous Waste Summary Report (Tanner Report) currently includes manifest data from the 1993 through the 2016 reporting years.

**LDS** Land Disposal Sites

VERSION DATE: 04/16/18

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

**LIENS** Recorded Environmental Cleanup Liens

VERSION DATE: 05/17/18

The California Department of Toxic Substance Control (DTSC) maintains this listing of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

**MCS** Military Cleanup Sites

VERSION DATE: 04/16/18

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater

**NPDES** National Pollutant Discharge Elimination System Facilities

VERSION DATE: 06/04/18

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

**WTHAULERS** Registered Waste Tire Haulers

VERSION DATE: 04/22/18

This listing of registered waste tire haulers is maintained by the California Integrated Waste Management Board.

**ABST** Above Ground Storage Tanks

VERSION DATE: 06/18/18

This database, provided by the California Environmental Protection Agency's (CalEPA) Regulated Site Portal,

## **Environmental Records Definitions - STATE (CA)**

contains aboveground petroleum storage tank facilities originating from the California Environmental Reporting System (CERS). These facilities store petroleum in aboveground storage tanks with oversight by local agencies.

As of January 1, 2008, Assembly Bill No. 1130 of the Aboveground Petroleum Storage Act (APSA) authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA. CalEPA Data Disclaimer: Information displayed in the portal is collected from separate agency databases and displayed unaltered. Information that is considered confidential, trade secret, or is otherwise protected by the agency that manages the database is not loaded into the portal. For more detail about information displayed in the portal, please visit the data source sites. Please refer to AST2007 database for aboveground storage tank information obtained from the California State Water Resources Control Board prior to 2008 APSA requirements.

**AST2007** Aboveground Storage Tanks Prior to January 2008

VERSION DATE: 12/01/07

This database contains aboveground storage tank facilities registered with the California State Water Resources Control Board (SWRCB) between 2007 and 2003. Since 2006, tanks were required to contain a minimum (even as cumulative) of 1320 gallons to be in the program. As of January 1, 2008, the SWRCB no longer maintains a list of registered aboveground storage tanks, due to effective Assembly Bill No. 1130 (Laird) of the Aboveground Petroleum Storage Act (APSA). This Bill authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA. Please refer to ABST database as a current source for aboveground petroleum storage tank data.

**CLEANER** Dry Cleaner Facilities

VERSION DATE: 06/20/18

This database, created by accessing the California Department of Toxic Substances Control's (DTSC) Hazardous Waste Tracking System, includes dry cleaner facilities that have registered EPA identification numbers. These facilities are categorized with one of the following NAICS Codes: 81231 or 81232. This database may also include facilities other than dry cleaners who also register with these same NAICS Codes. Not all companies report their NAICS/SIC Codes to the DTSC and therefore this database may exclude registered dry cleaner facilities with incomplete classification information.

**DTSCHWT** DTSC Registered Hazardous Waste Transporters

VERSION DATE: 04/30/18

The Department of Toxic Substances Control provides this list of Registered Hazardous Waste Transporters.

**HISTUST** Historical Underground Storage Tanks

VERSION DATE: 12/31/87

The Hazardous Substance Storage Container Database is a historical list of Underground Storage Tank sites, compiled from tank survey and registration information collected at one time between 1984 and 1987 by the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials.

## ***Environmental Records Definitions - STATE (CA)***

**MINES** Mines Listing

VERSION DATE: 05/06/18

This database includes mine site locations from the California Office of Mine Reclamation.

**MWMP** California Medical Waste Management Program Facility List

VERSION DATE: 06/29/18

To protect the public and the environment from potential infectious exposure to disease causing agents, the Medical Waste Management Program (MWMP), in the Environmental Management Branch of the California Department of Public Health, regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations.

**SLIC** Spills, Leaks, Investigation & Cleanup Recovery Listing

VERSION DATE: 06/16/08

These records are maintained by the California Regional Water Quality Control Board (RWQCB). This list includes contaminated sites that impact groundwater or have the potential to impact ground water. Please refer to CLEANUPSITES database as source of current data.

**SWEEPS** Statewide Environmental Evaluation and Planning System

VERSION DATE: 10/01/94

The Statewide Environmental Evaluation and Planning System (SWEEPS) contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials. Refer to CUPA listing for source of current data.

**USTCUPA** Underground Storage Tanks

VERSION DATE: 05/06/18

An underground storage tank is an individual tank or group of tanks that store hazardous substances. Underground storage tanks are completely or considerably below the ground surface. This database contains UST permit data submitted from the Certified Unified Program Agencies (CUPA) directly to the State Water Resources Control Board. CUPA's are local agencies that have been certified by the California EPA to implement state environmental programs within the local agency's jurisdiction.

**BF** Brownfield Sites

VERSION DATE: 06/03/18

## Environmental Records Definitions - STATE (CA)

This database includes Brownfield sites from the State Water Resources Control Board. These are sites that have gone through the Moratorium of Agreement (MOA) process.

**CALSITES** CALSITES Database

VERSION DATE: 05/01/04

This historical database was maintained by the Department of Toxic Substance Control for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

**CLEANUPSITES** GeoTracker Cleanup Sites

VERSION DATE: 07/09/18

This GeoTracker Cleanup Sites database is maintained by the California Regional Water Quality Control Board (RWQCB). The database contains contaminated sites that impact groundwater or have the potential to impact ground water, including spills, investigations, cleanup recoveries and reported leaking underground storage tank incidents.

**CORTESE** Cortese List

VERSION DATE: 05/06/18

This active listing includes hazardous waste and substances sites designated by the State Water Resources Control Board, the Integrated Waste Board, and the Department of Toxic Substance Control. The Cortese List is utilized by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites.

**DROP** Listing of Certified Dropoff, Collection, and Community Service Programs

VERSION DATE: 04/30/18

Listing of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

**ERAP** Expedited Removal Action Program Sites

VERSION DATE: 04/23/18

The Expedited Remedial Action Program is a pilot project administered by the Department of Toxic Substances Control's Site Mitigation and Brownfields Reuse Program to promote the cleanup of up to 30 hazardous substance release sites. ERAP provides significant incentives for redevelopment of contaminated properties by promoting cleanups based on the planned land use, by providing a covenant not to sue, and by outlining a fair and equitable liability scheme.

## **Environmental Records Definitions - STATE (CA)**

**HISTCORTESE** Historical Cortese List

VERSION DATE: 11/02/02

This historical listing includes hazardous waste and substances sites designated by the State Water Resources Control Board, the Integrated Waste Board, and the Department of Toxic Substance Control. The Cortese List was utilized by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. See CACORTESE for an updated version of this database.

**LUST** Leaking Underground Storage Tanks

VERSION DATE: 07/09/18

This database is maintained by the State Water Resources Control Board. LUST records contain an inventory of reported leaking underground storage tank incidents. Please refer to the CLEANUPSITES database as source of current data.

**NFA** No Further Action Determination

VERSION DATE: 06/20/18

The NFA listing contains properties at which the Department of Toxic Substance Control has made a clear determination that the property does not pose a problem to the environment or to public health.

**NFE** Sites Needing Further Evaluation

VERSION DATE: 06/20/18

The NFE listing contains properties that the Department of Toxic Substance Control suspects with possible contamination. These are unconfirmed contaminated properties that need further assessment.

**PROC** Listing of Certified Processors

VERSION DATE: 05/15/18

Listing of Certified Processors that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

**REF** Referred to Another Local or State Agency

VERSION DATE: 06/21/18

The REF listing contains properties where contamination has not been confirmed and which were determined as not requiring direct Department of Toxic Substance Control Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.



## **Environmental Records Definitions - STATE (CA)**

**SWIS** Solid Waste Information System Sites

VERSION DATE: 04/18/18

The Solid Waste Information System (SWIS) database includes information on solid waste facilities, operations, and disposal sites located in California. This database is maintained by the California Department of Resources Recycling and Recovery.

**SWRCY** Recycling Centers

VERSION DATE: 05/17/18

Listing of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

**VCP** Voluntary Cleanup Program

VERSION DATE: 04/23/18

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

**WMUDS** Waste Management Unit Database

VERSION DATE: 01/01/00

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

**ENVIROSTOR** EnviroStor Cleanup Sites

VERSION DATE: 04/23/18

The Department of Toxic Substances Control (DTSC) has developed the EnviroStor database system to evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database of cleanup sites contains the following: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. Sites where DTSC has made a "No Action Required" determination are not included in this database, as these sites had assessments that revealed no evidence of recognized environmental conditions in connection with the property.

## ***Environmental Records Definitions - STATE (CA)***

### **ENVIROSTORPCA**

EnviroStor Permitted and Corrective Action Sites

VERSION DATE: 05/01/18

The Department of Toxic Substances Control (DTSC) has developed the EnviroStor database system to evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database contains detailed information on hazardous waste permitted and corrective action facilities. Investigation and cleanup activities at hazardous waste facilities (either Resource Conservation and Recovery Act (RCRA) or State-only) that either were eligible for a permit or received a permit are called "corrective action." These facilities treated stored, disposed and/or transferred hazardous waste.

### **TOXPITS**

Toxic Pits Cleanup Act Sites

VERSION DATE: 07/01/95

Toxic Pits are sites with possible contamination of hazardous substances where cleanup is necessary. This listing is no longer updated by the State Water Resources Control Board.

## ***Environmental Records Definitions - LOCAL***

**HMMDD** San Diego County Hazardous Materials Management Division Database

VERSION DATE: 06/04/18

The HMMDD is maintained by the County of San Diego's Environmental Health Department and includes all establishments with a hazardous materials permit. The database also provides associated waste, inventory, environmental assesment and tank information.

**SDEACL** San Diego County Environmental Assessment Case Listing

VERSION DATE: 05/03/11

The Environmental Assesment Case listing is mainatined by the San Diego Department of Environmental Health's Site Assessment and Mitigation (SAM) Unit. This listing includes underground storage tanks with an unauthorized release and/or other contaminated properties where corrective action is necessary. Please refer to CLEANUPSITES database as source of current data.

**SDSWF** San Diego County Solid Waste Facilities

VERSION DATE: 05/16/18

This list of solid waste facilities is provided by the County of San Diego's Department of Public Environmental Health.

## ***Environmental Records Definitions - TRIBAL***

**USTR09**                      Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/10/18

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

**LUSTR09**                      Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/10/18

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

**ODINDIAN**                      Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

**TORRESDUMPSITES**                      Illegal Dump Sites on the Torres Martinez Reservation

VERSION DATE: 10/29/07

This listing of illegal dump site locations on the Torres Martinez Reservation is maintained by the United States Environmental Protection Agency, Region IX. These dump sites contain unlawfully discarded household waste such as landscaping and wood wastes with no known soil or groundwater contamination. A majority of the sites have already been cleaned up through the collaborative efforts of the EPA, The California Integrated Waste Management Board and the Torres Martinez Tribe.

**INDIANRES**                      Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

**ATTACHMENT B**  
*Historical Aerial Photographs*



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## ***Historical Aerial Photographs***

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[NEW: GeoLens by Geosearch](#)

*Target Property:*

**Campo Project**

**, San Diego, California**

*Prepared For:*

**Dudek**

**Order #: 112062**

**Job #: 248836**

**Project #: 10212.0013**

**Date: 8/2/2018**

## Target Property Summary

### Campo Project

, San Diego, California

USGS Quadrangle: **Tierra Del Sol, Live Oak Springs, Cameron Corners, Campo**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-116.362517000, 32.702801000), (-116.347380000, 32.702818000), (-116.347368000, 32.699116000),  
(-116.343056000, 32.699116000), (-116.343056000, 32.700154000), (-116.343312000, 32.703222000),  
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## Aerial Research Summary

<u>Date</u>	<u>Source</u>	<u>Scale</u>	<u>Frame</u>
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2016	USDA	1" = 1000'	N/A
2016	USDA	1" = 1000'	N/A
2016	USDA	1" = 1000'	N/A
2016	USDA	1" = 1000'	N/A
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2005	USDA	1" = 1000'	N/A
2005	USDA	1" = 1000'	N/A
09/27/1996	USGS	1" = 1000'	N/A
09/27/1996	USGS	1" = 1000'	N/A
09/27/1996	USGS	1" = 1000'	N/A

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## Aerial Research Summary

<u>Date</u>	<u>Source</u>	<u>Scale</u>	<u>Frame</u>
09/27/1996	USGS	1" = 1000'	N/A
09/27/1996	USGS	1" = 1000'	N/A
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09/27/1996	USGS	1" = 1000'	N/A
09/27/1996	USGS	1" = 1000'	N/A
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10/16/1975	USGS	1" = 1000'	1-8
10/16/1975	USGS	1" = 1000'	1-8
10/16/1975	USGS	1" = 1000'	1-8
10/16/1975	USGS	1" = 1000'	1-8
1968	ASCS	1" = 1320'	PI-10
1968	ASCS	1" = 1320'	PI-10
1968	ASCS	1" = 1320'	PI-10
1968	ASCS	1" = 1320'	PI-10
1968	ASCS	1" = 1320'	PI-10
1968	ASCS	1" = 1320'	PI-10
1968	ASCS	1" = 1320'	PI-10

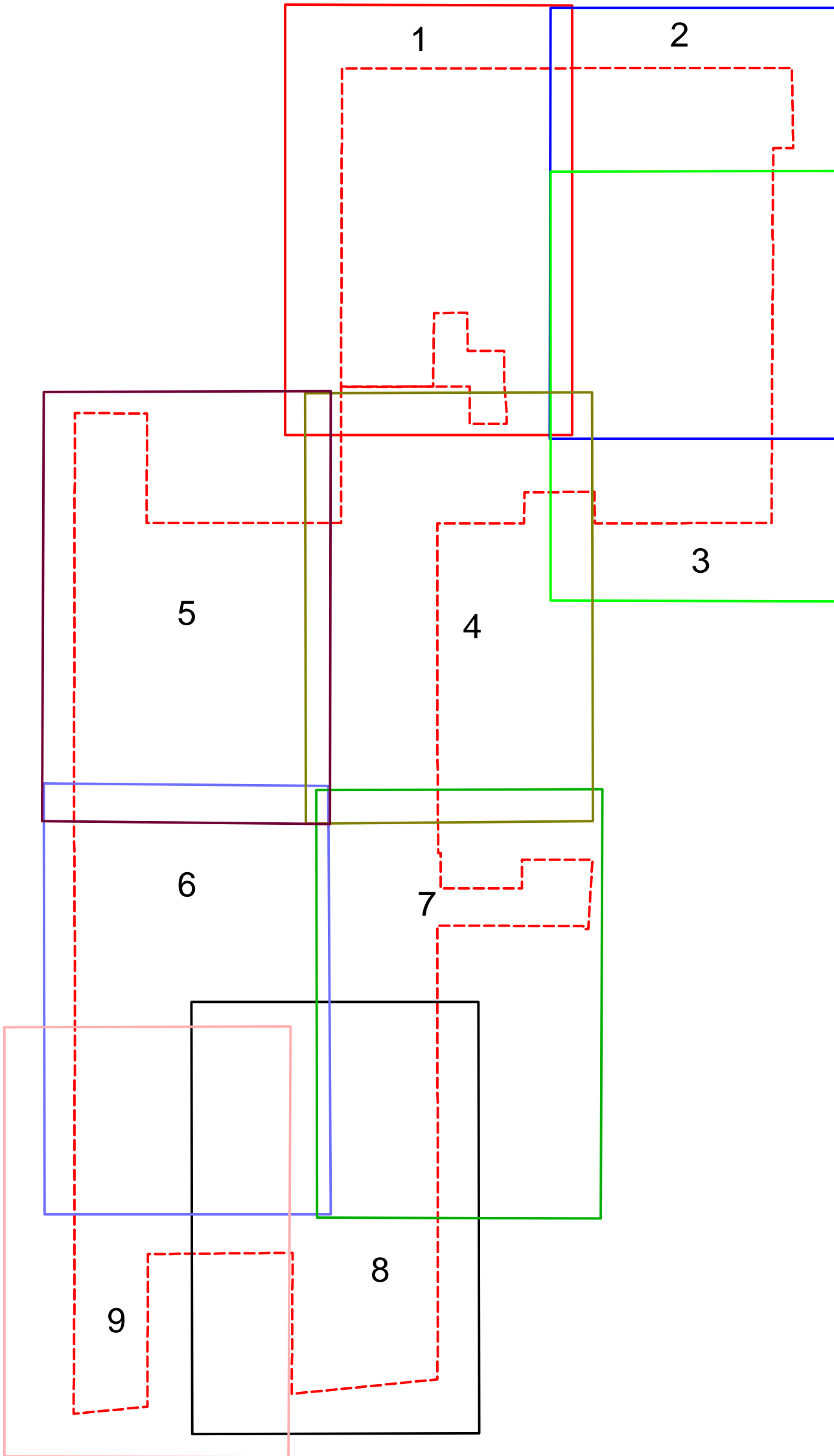
## Aerial Research Summary

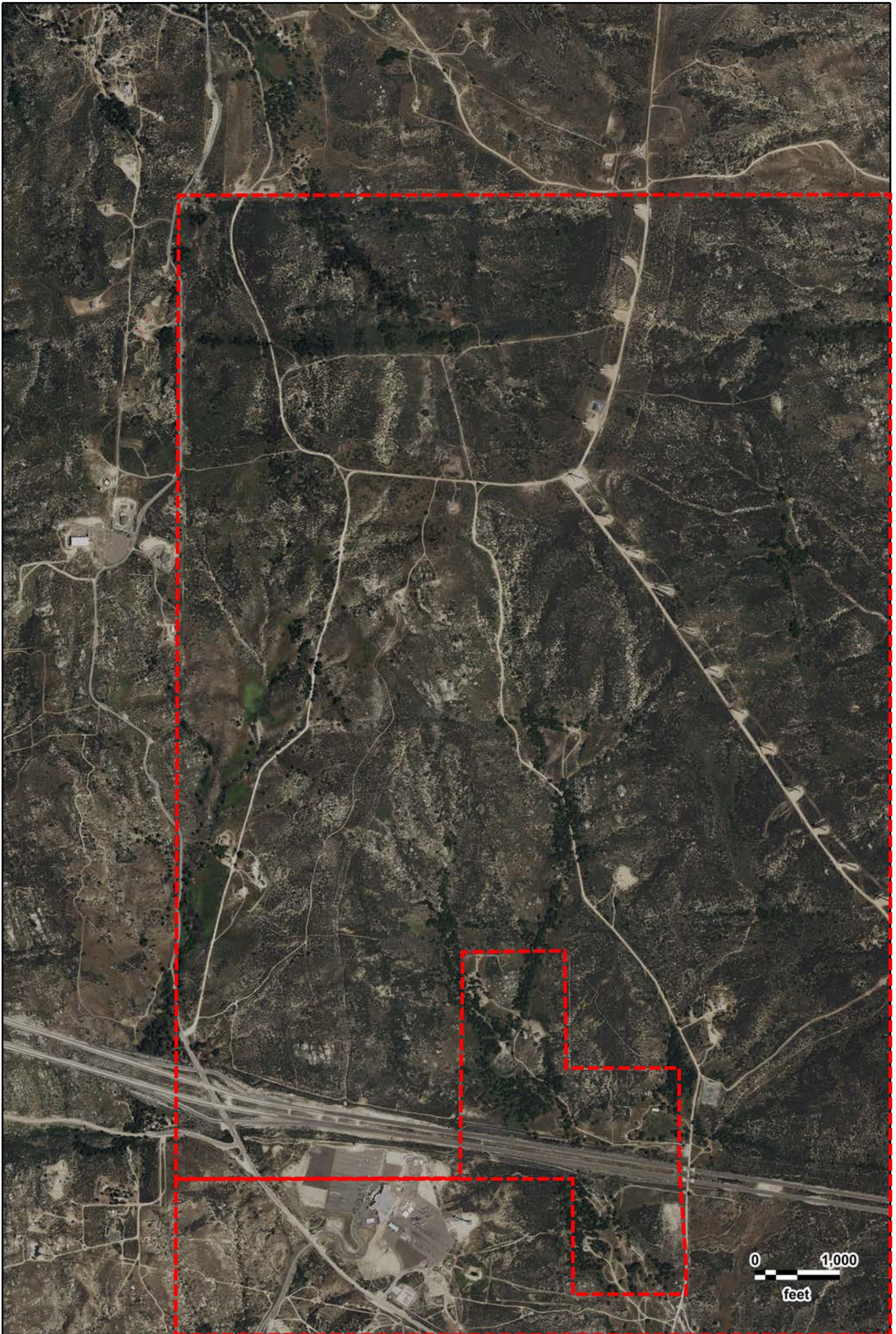
<u>Date</u>	<u>Source</u>	<u>Scale</u>	<u>Frame</u>
1968	ASCS	1" = 1320'	PI-10
1968	ASCS	1" = 1320'	PI-10
10/13/1956	AMS	1" = 1000'	2749
10/13/1956	AMS	1" = 1000'	2749
06/29/1955	USNAVY	1" = 1000'	20-5
10/27/1956	AMS	1" = 1000'	3307
06/28/1955	USNAVY	1" = 1000'	20-3
10/13/1956	AMS	1" = 1000'	2749
10/13/1956	AMS	1" = 1000'	2749
10/27/1956	AMS	1" = 1000'	3307
10/27/1956	AMS	1" = 1000'	3307
10/27/1956	AMS	1" = 1000'	3307
10/27/1956	AMS	1" = 1000'	3307
05/12/1953	ASCS	1" = 1000'	17-53
05/02/1953	ASCS	1" = 1000'	14-205
05/02/1953	ASCS	1" = 1000'	16-6
05/02/1953	ASCS	1" = 1000'	14-207
05/12/1953	ASCS	1" = 1000'	17-51
05/12/1953	ASCS	1" = 1000'	17-51
04/25/1953	ASCS	1" = 1000'	13-2
05/12/1953	ASCS	1" = 1000'	17-49
03/30/1953	ASCS	1" = 1000'	2-20
05/12/1953	ASCS	1" = 1000'	17-49
05/12/1953	ASCS	1" = 1000'	17-47
04/24/1953	ASCS	1" = 1000'	1-218
04/24/1953	ASCS	1" = 1000'	1-220
04/24/1953	ASCS	1" = 1000'	1-218
06/12/1942	ASCS	1" = 1000'	1-43
07/18/1942	ASCS	1" = 1000'	5-11
06/12/1942	ASCS	1" = 1000'	1-43
06/12/1942	ASCS	1" = 1000'	1-13
06/12/1942	ASCS	1" = 1000'	1-43
06/12/1942	ASCS	1" = 1000'	1-13
07/18/1942	ASCS	1" = 1000'	5-9
06/12/1942	ASCS	1" = 1000'	1-39
07/18/1942	ASCS	1" = 1000'	5-9
07/18/1942	ASCS	1" = 1000'	5-7
07/18/1942	ASCS	1" = 1000'	5-7
07/18/1942	ASCS	1" = 1000'	5-5
06/12/1942	ASCS	1" = 1000'	1-37
07/18/1942	ASCS	1" = 1000'	5-5
07/18/1942	ASCS	1" = 1000'	5-5

## Aerial Research Summary

<u>Date</u>	<u>Source</u>	<u>Scale</u>	<u>Frame</u>
07/18/1942	ASCS	1" = 1000'	5-5
07/18/1942	ASCS	1" = 1000'	5-7

# Approximate extent per page



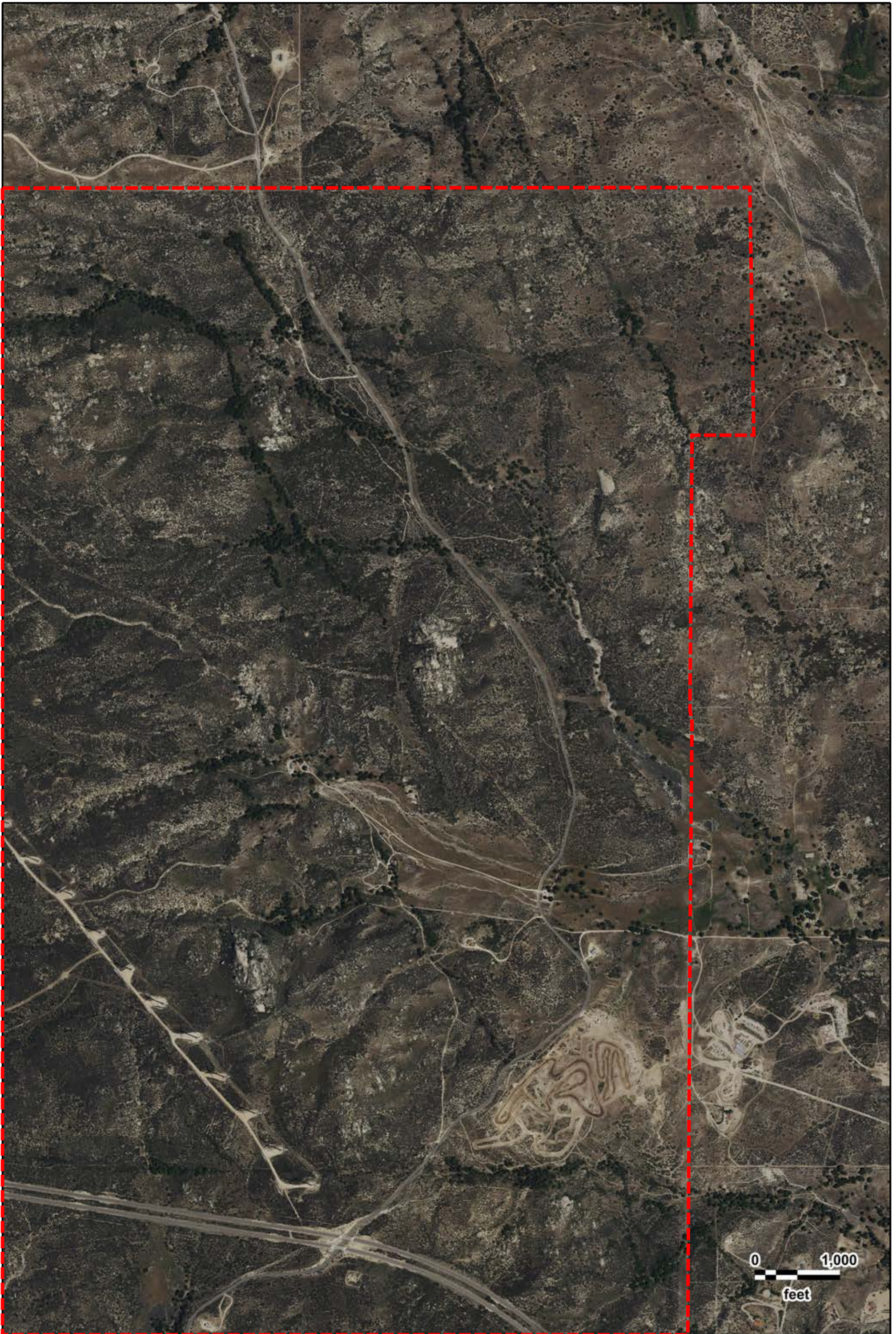


0 1,000  
feet



Campo Project  
USDA  
2016

GeoSearch

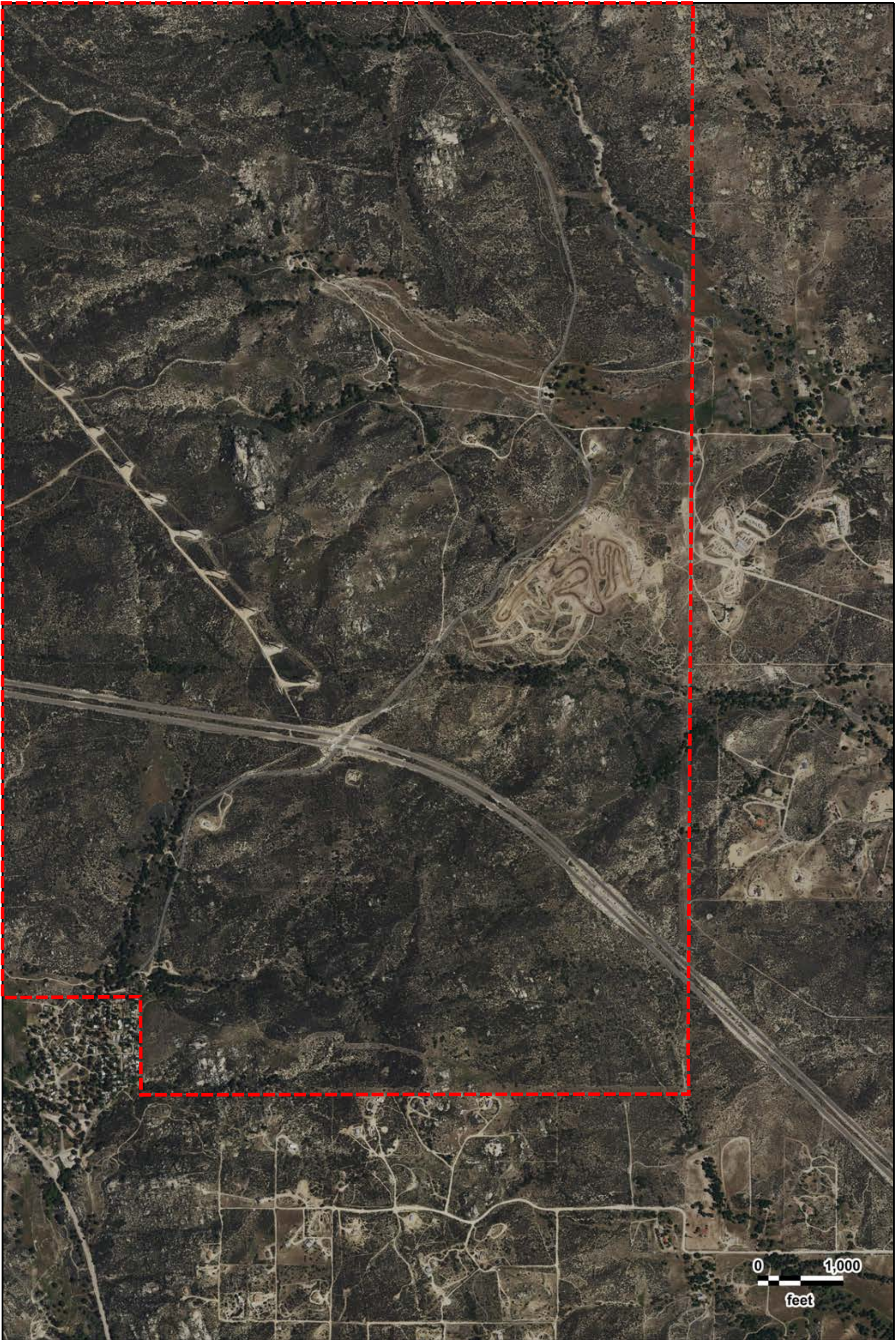


0 1,000  
feet



Campo Project  
USDA  
2016

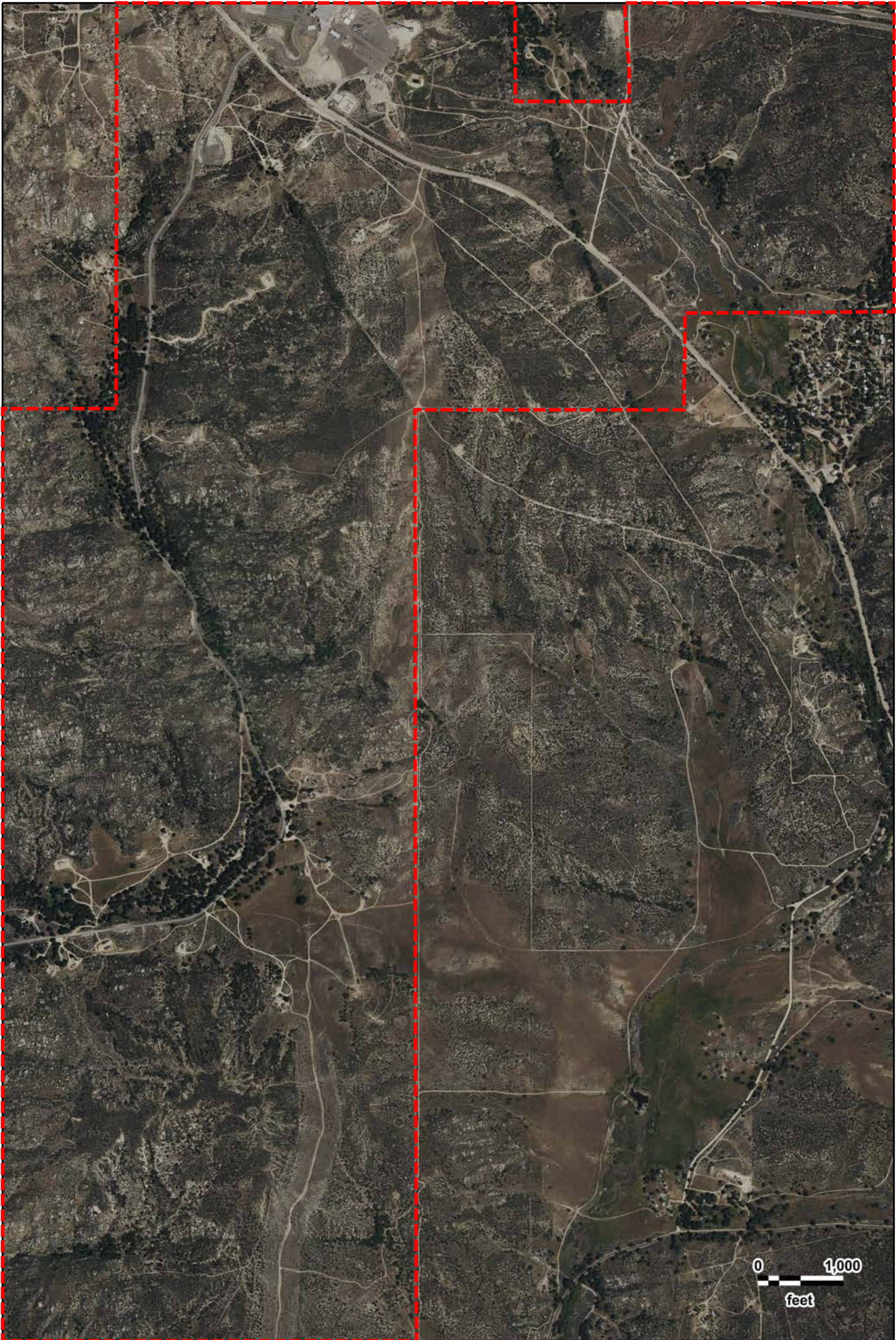
GeoSearch



Campo Project  
USDA  
2016

GeoSearch





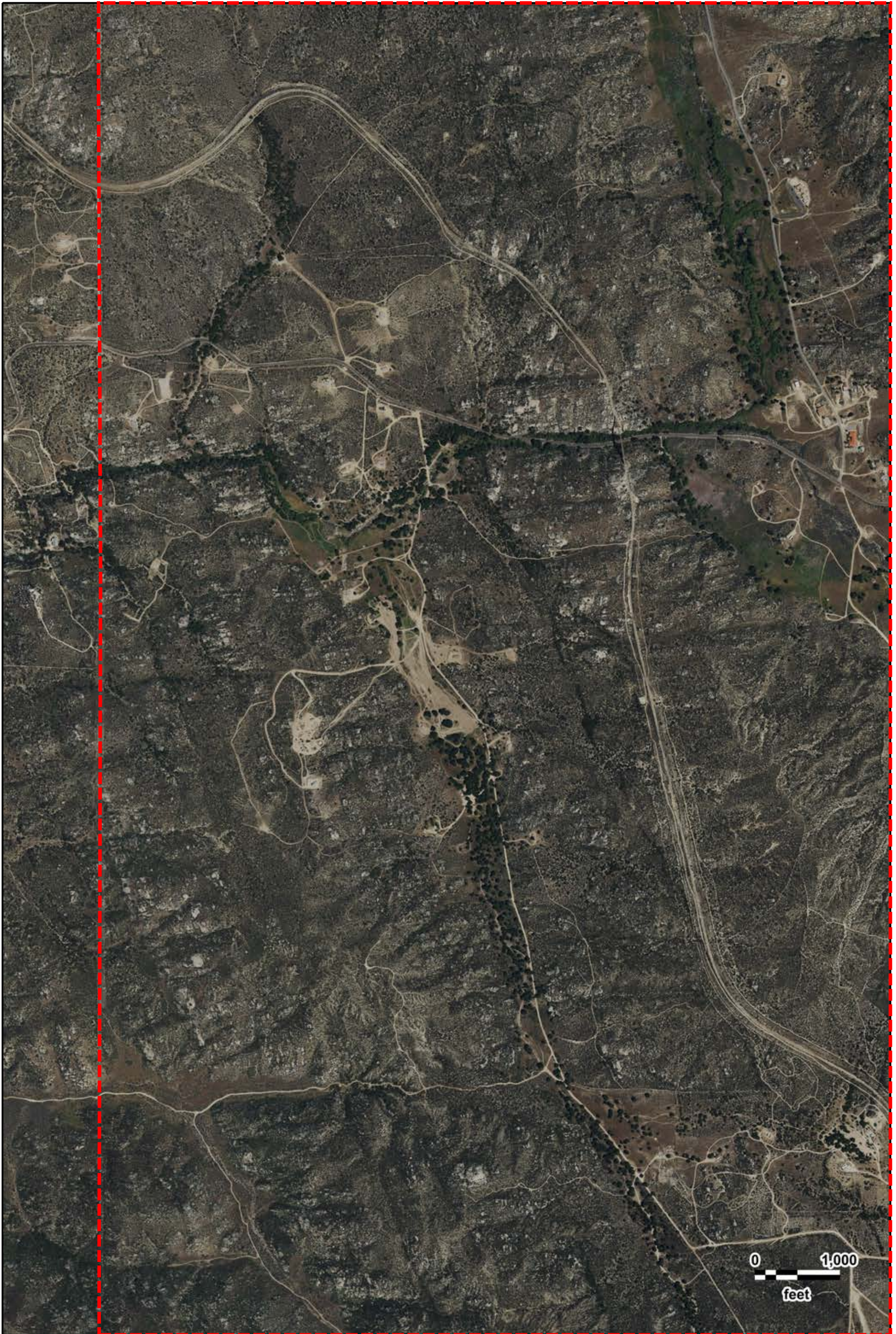
0 1,000  
feet



Campo Project  
USDA  
2016

GeoSearch





0 1,000  
feet



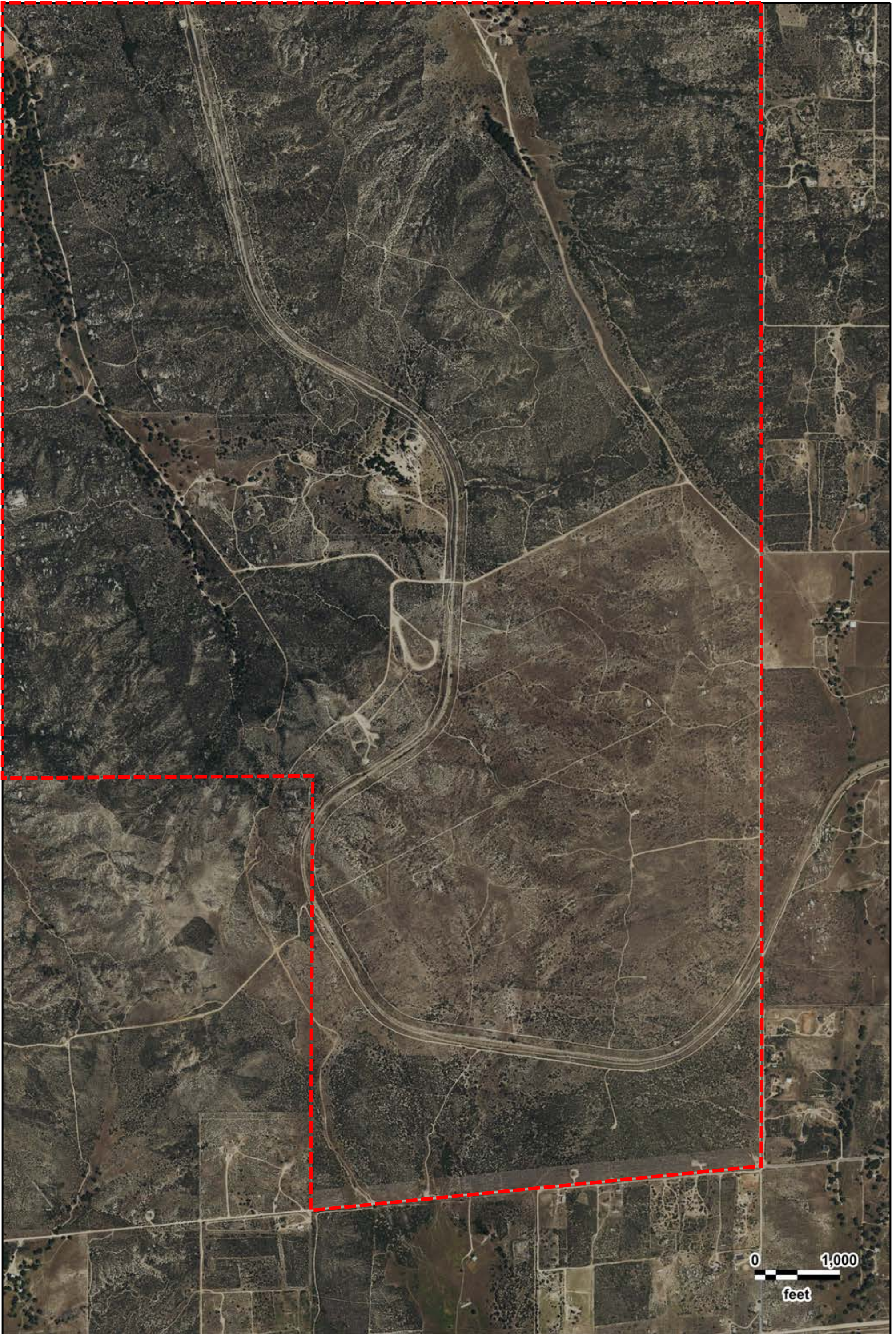
Campo Project  
USDA  
2016

GeoSearch



Campo Project  
USDA  
2016

GeoSearch

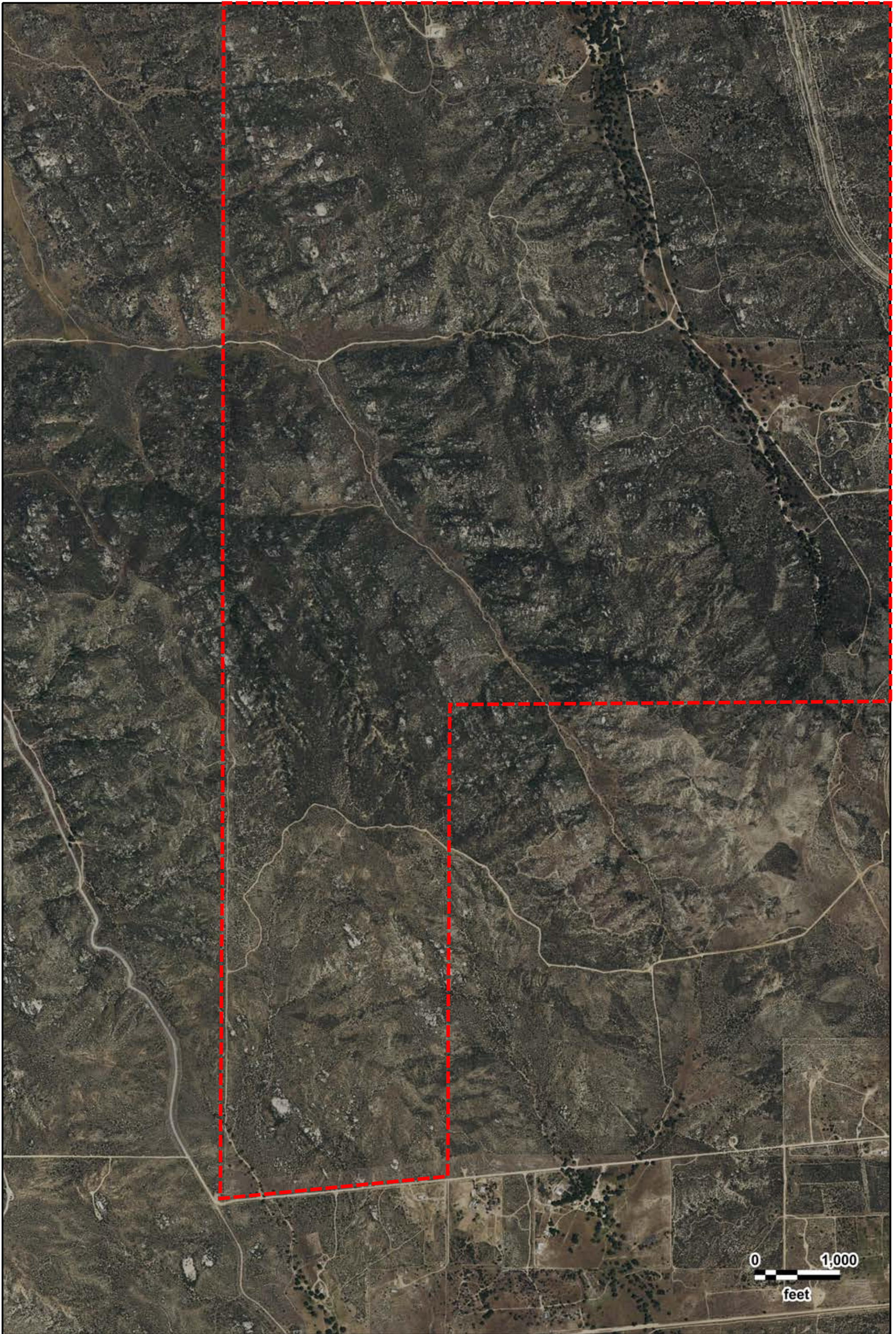


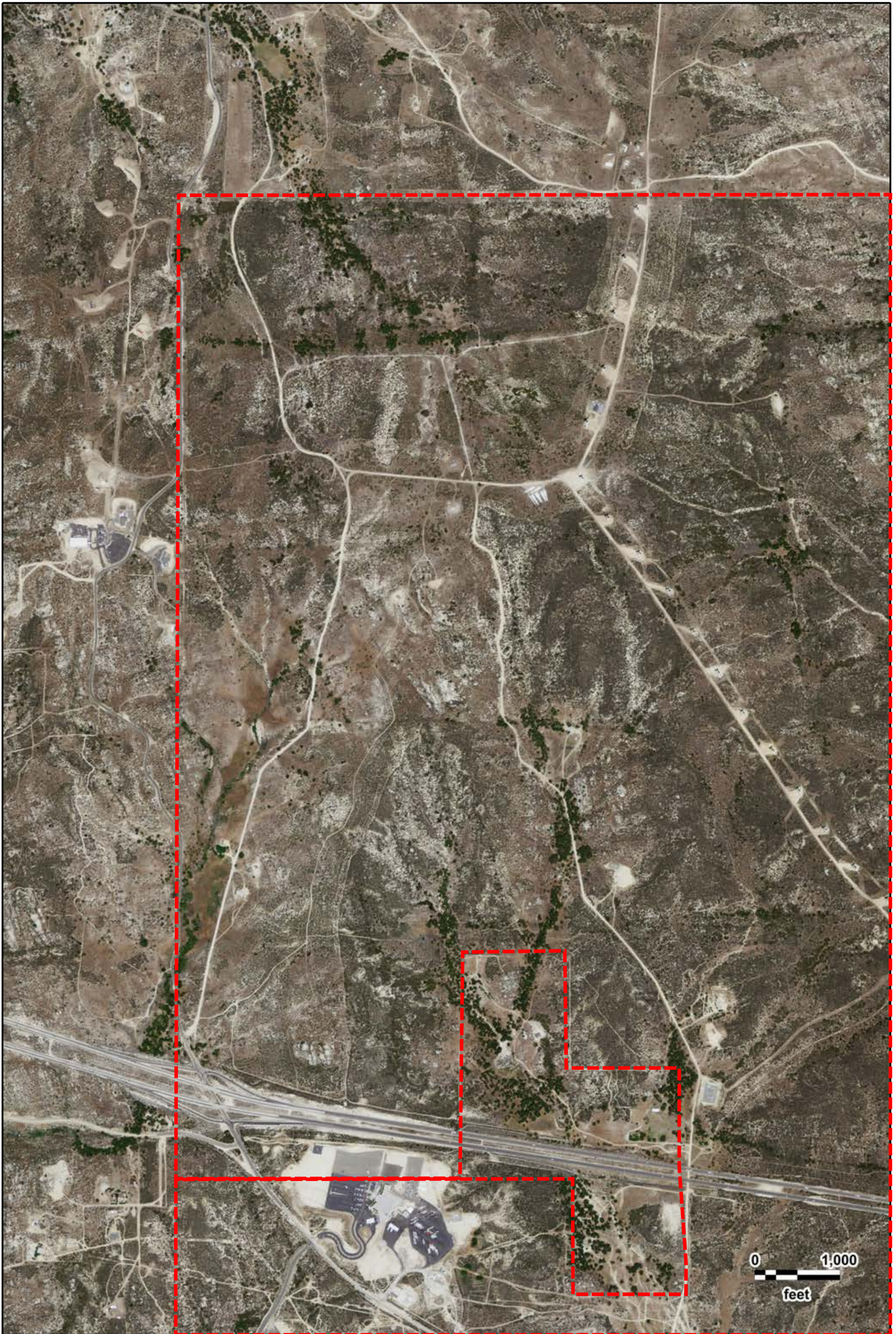
0 1,000  
feet



Campo Project  
USDA  
2016

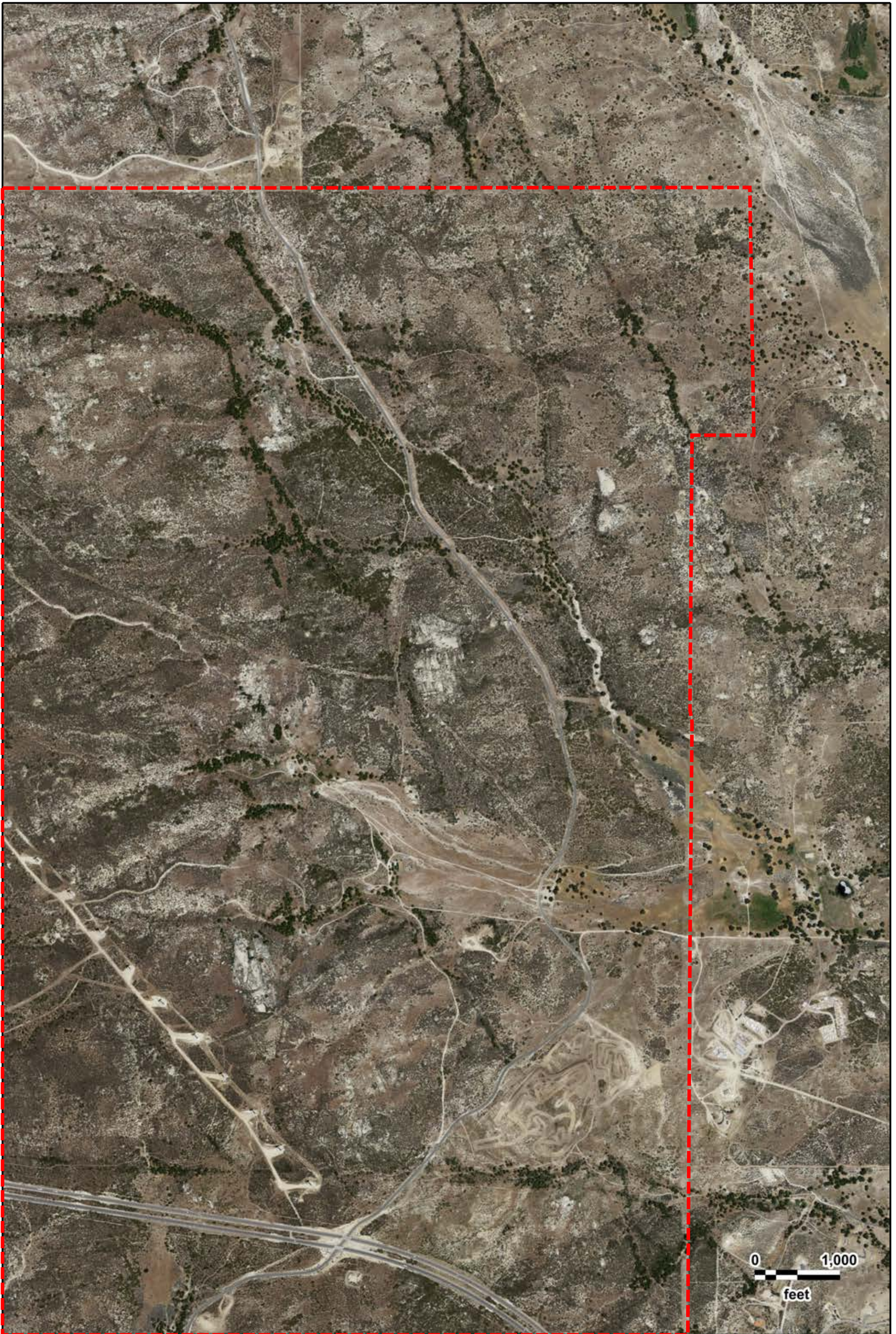
GeoSearch





Campo Project  
USDA  
2009

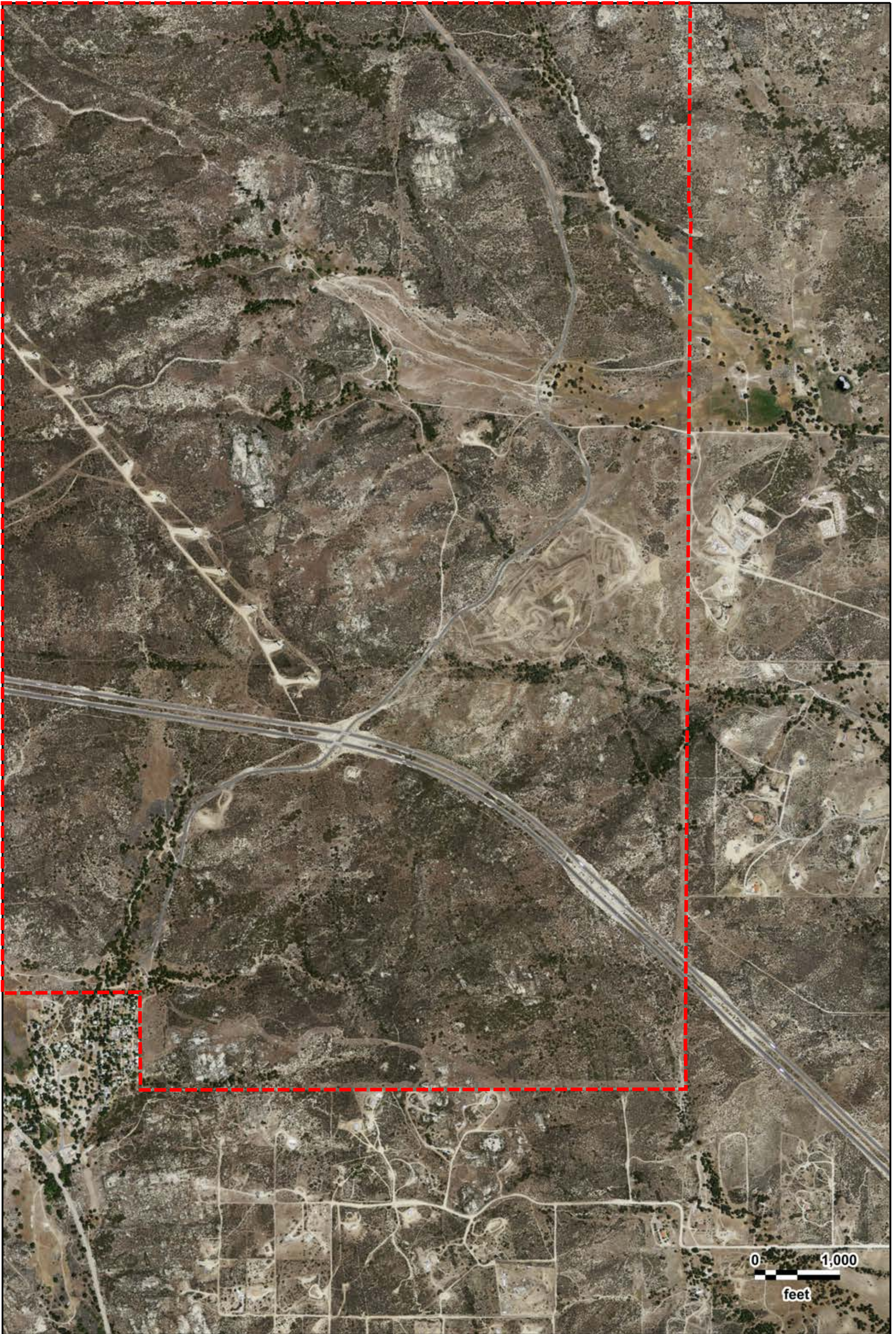
GeoSearch



Campo Project  
USDA  
2009

GeoSearch





Campo Project  
USDA  
2009

GeoSearch

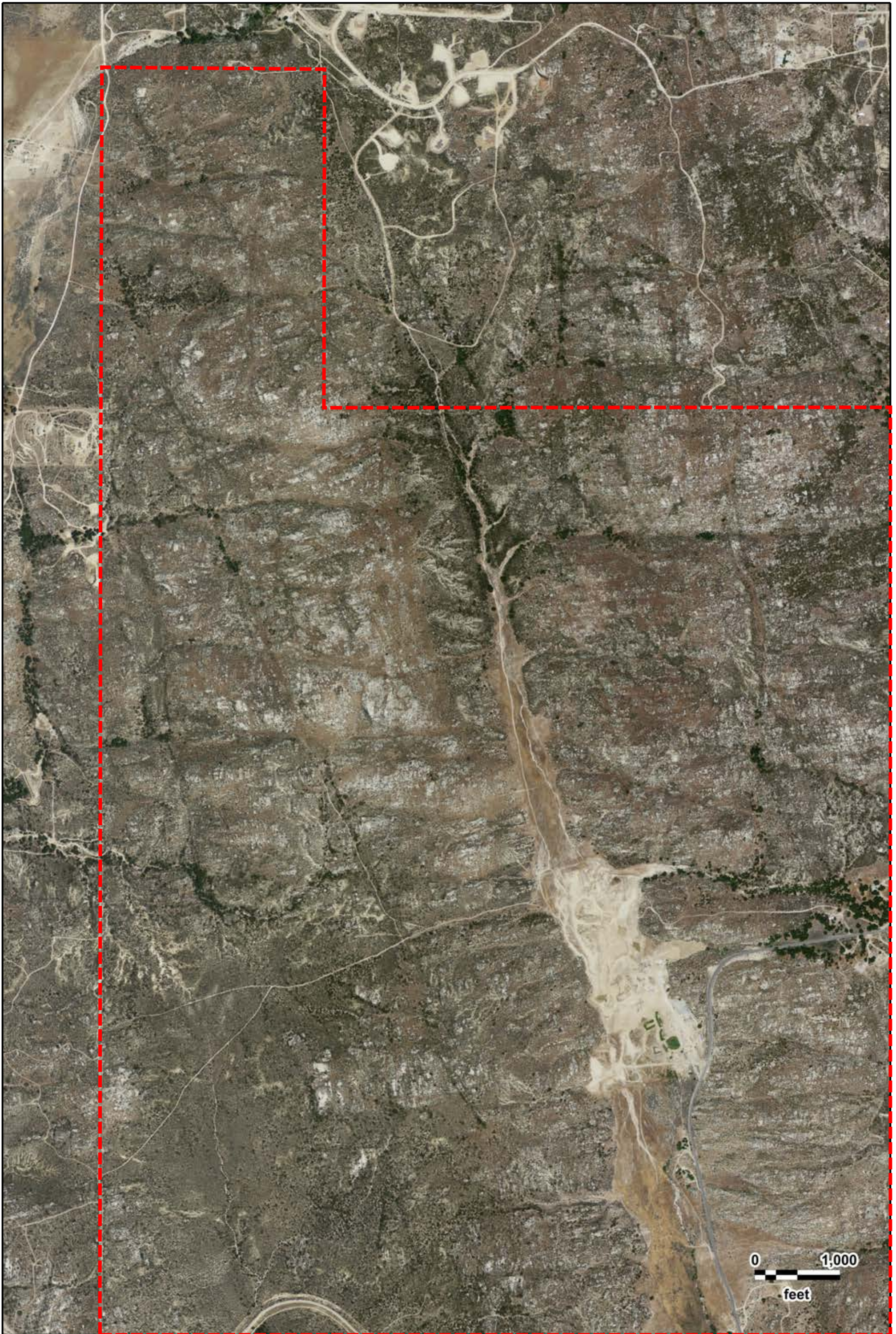


0 1,000  
feet



Campo Project  
USDA  
2009

GeoSearch

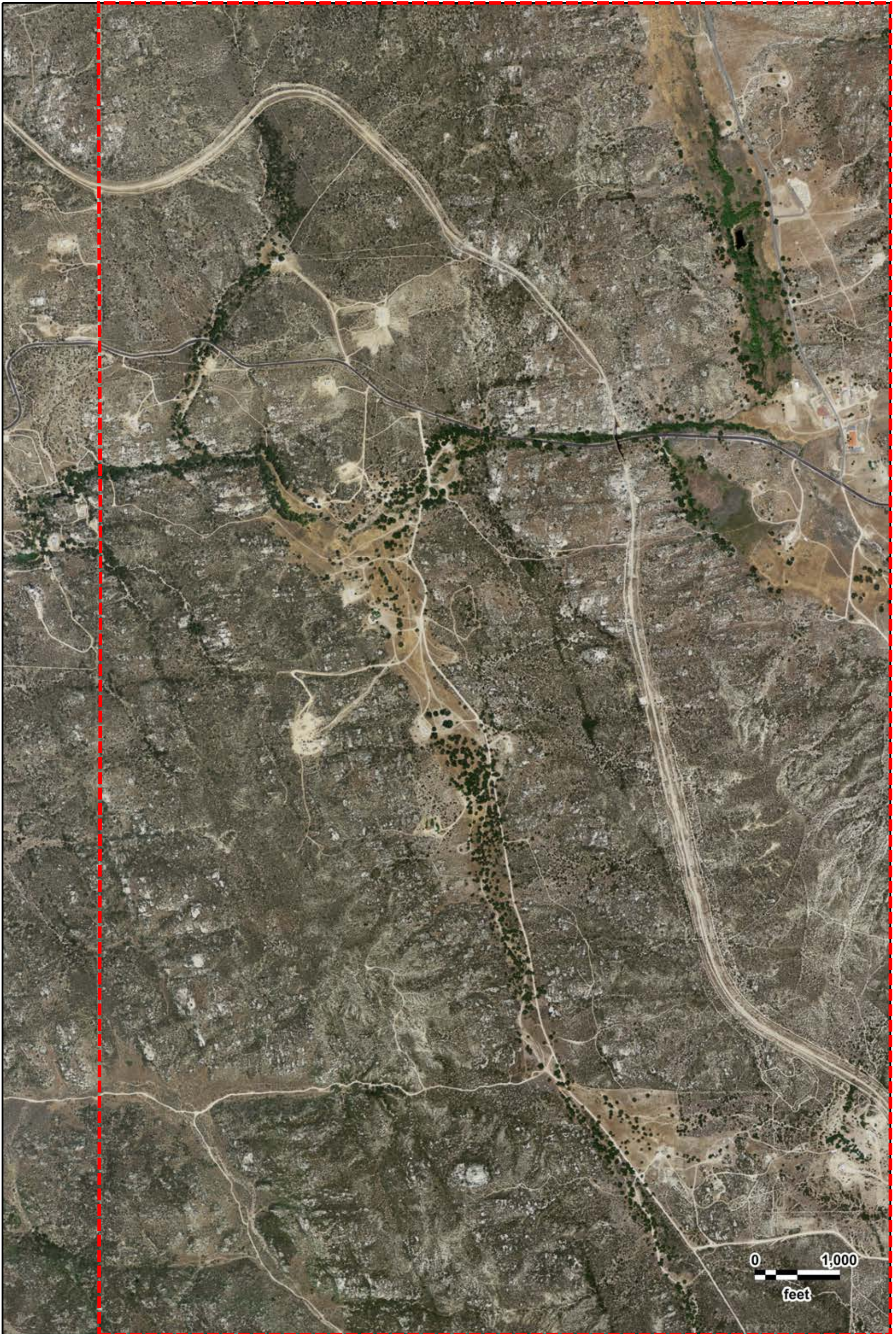


0 1,000  
feet



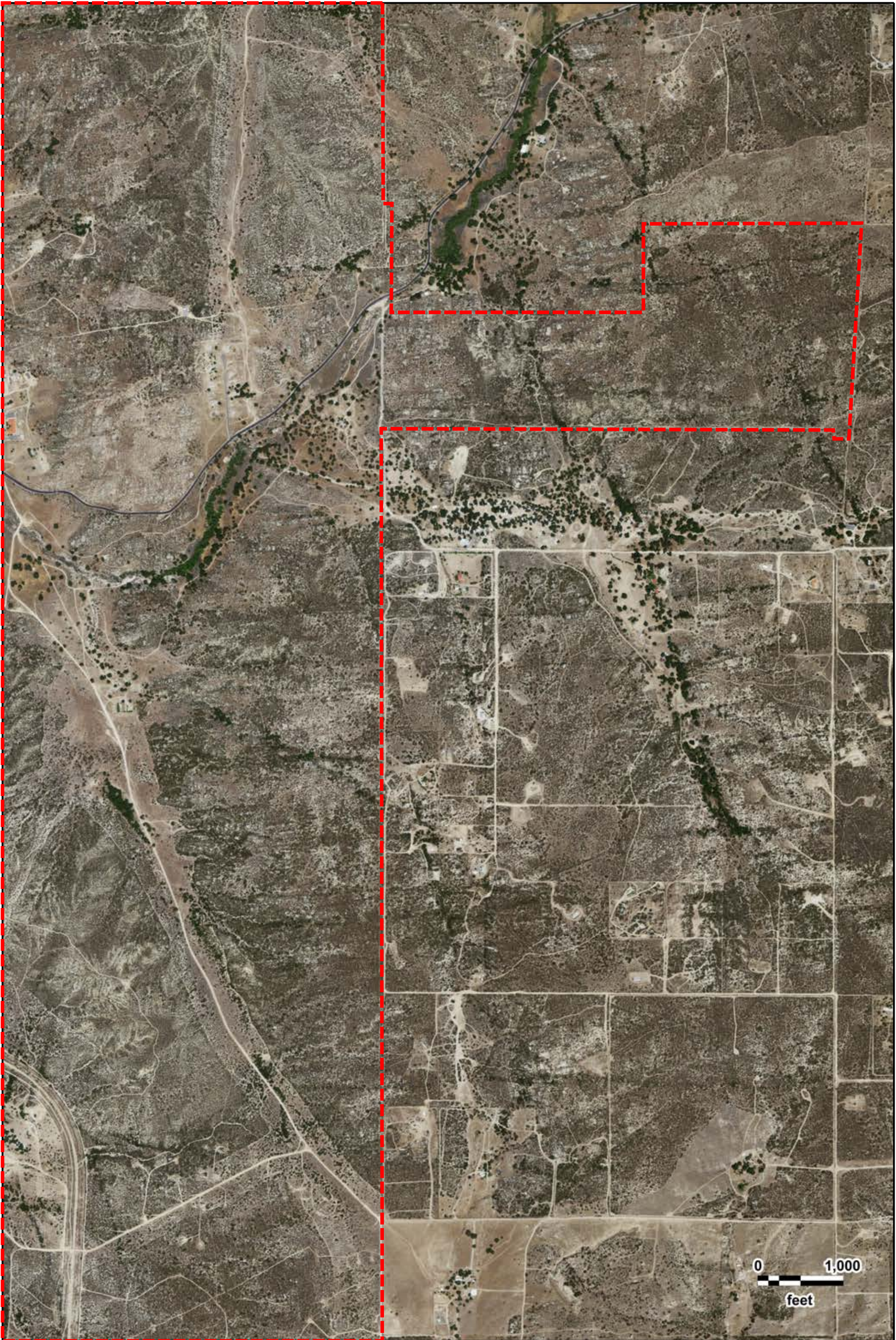
Campo Project  
USDA  
2009

GeoSearch



Campo Project  
USDA  
2009

GeoSearch



Campo Project  
USDA  
2009

GeoSearch

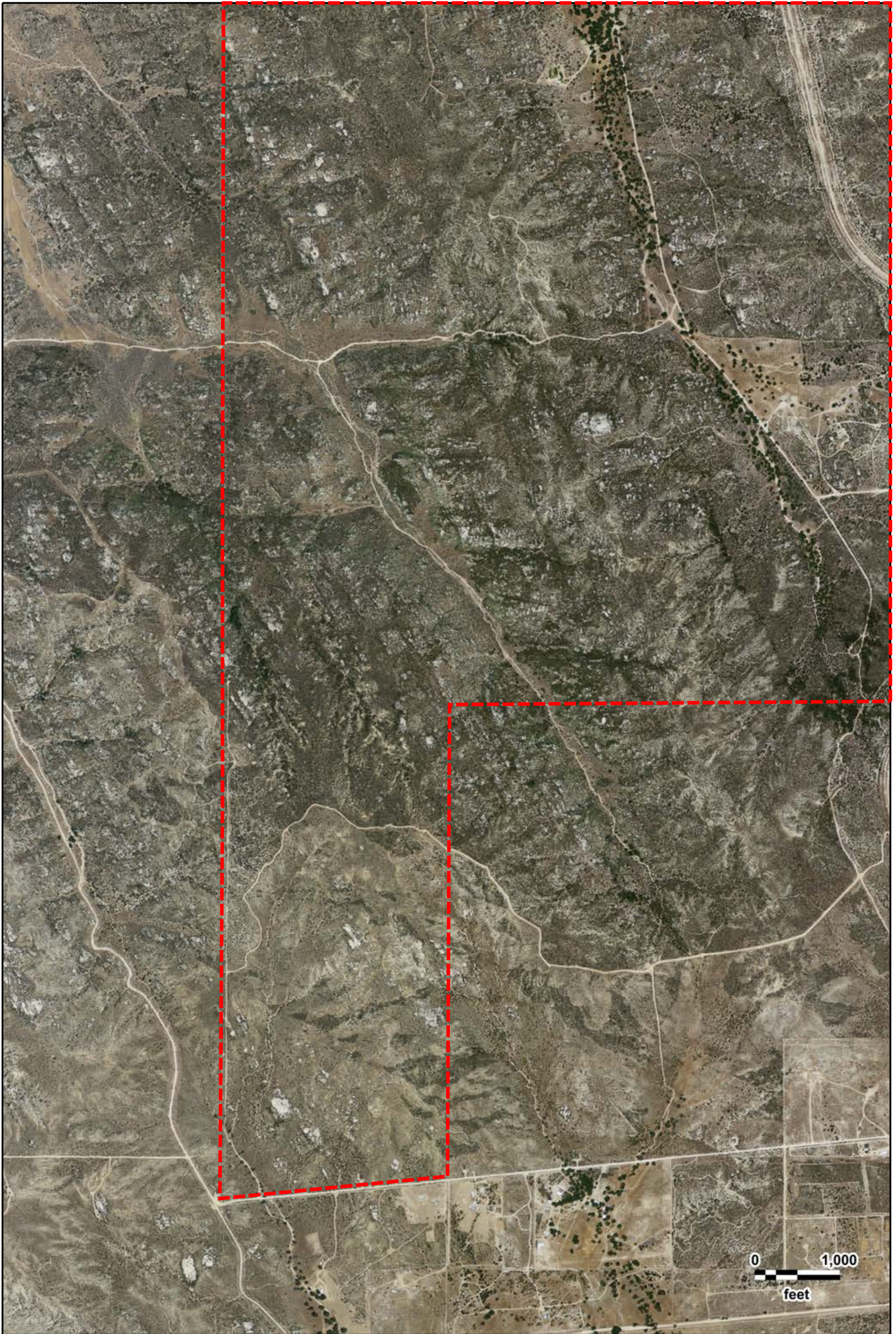


0 1,000  
feet



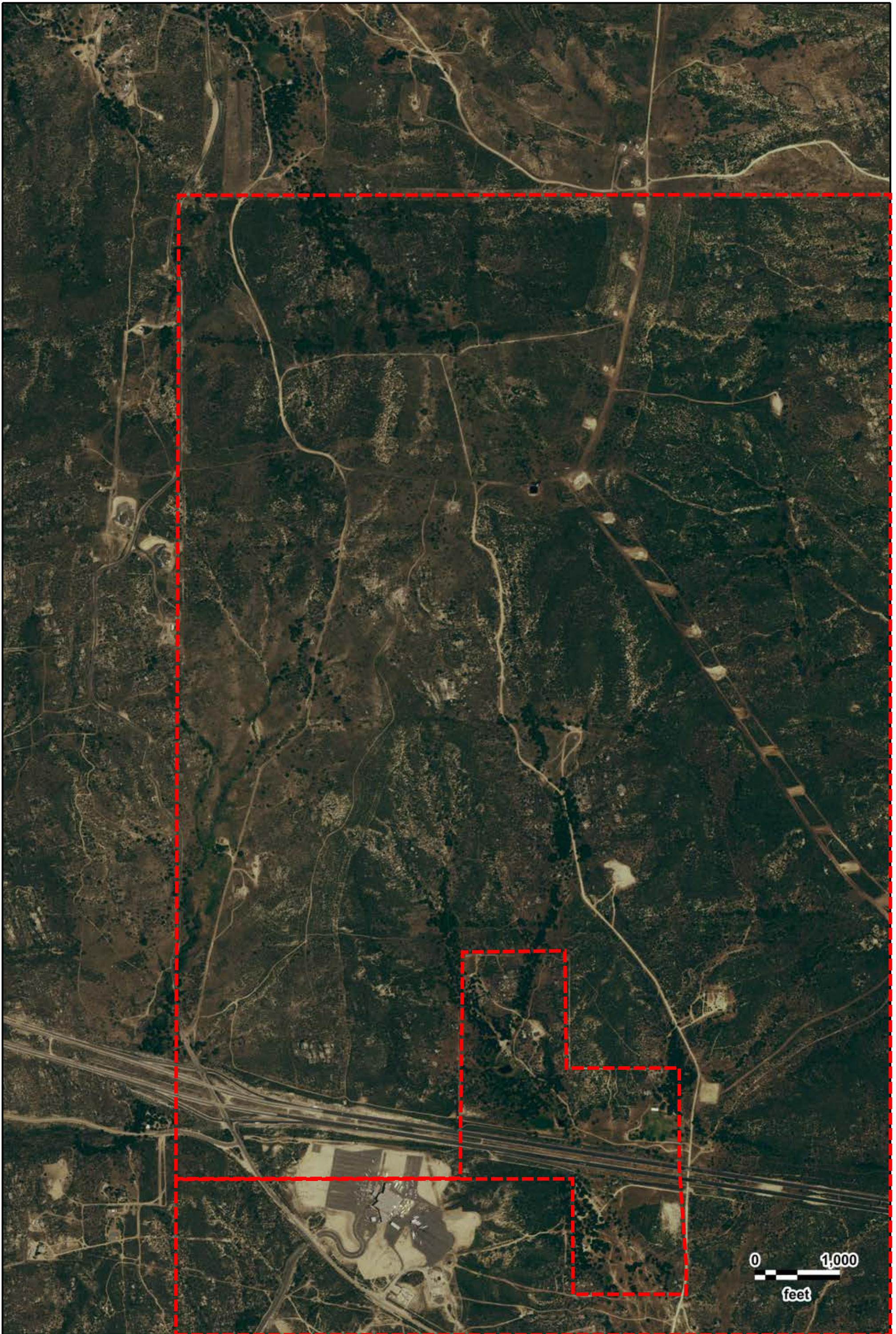
Campo Project  
USDA  
2009

GeoSearch



Campo Project  
USDA  
2009

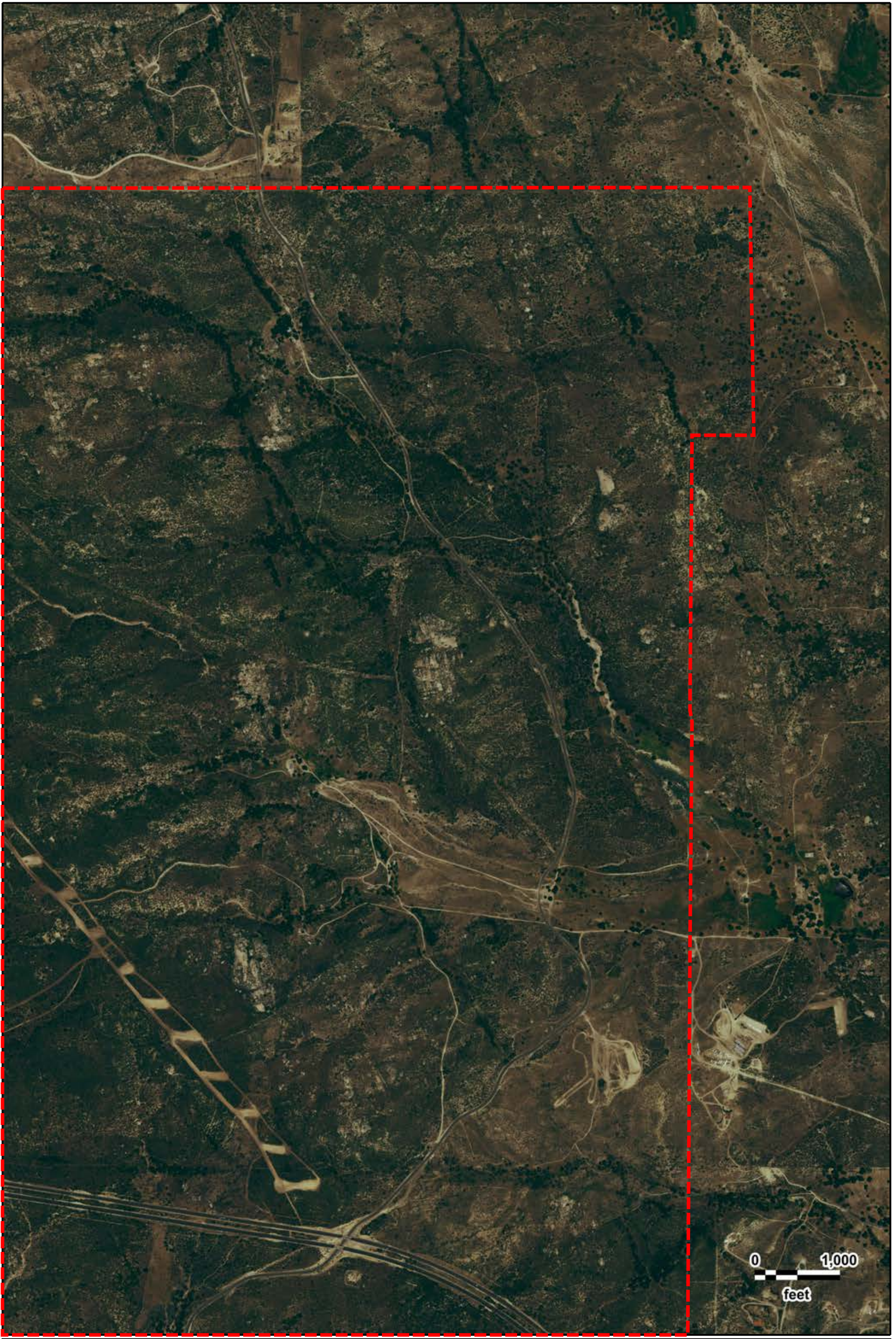
GeoSearch

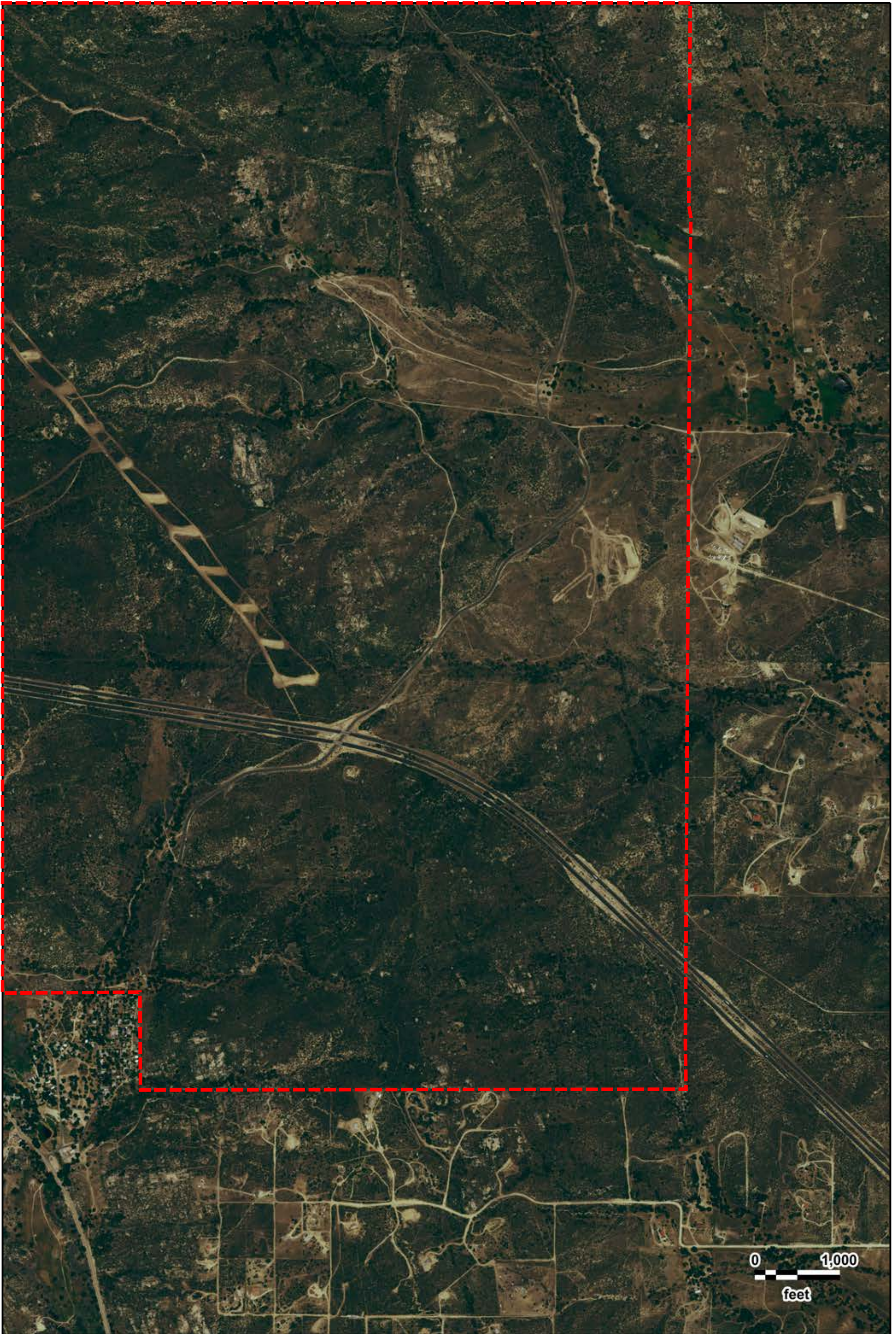


Campo Project  
USDA  
2005

GeoSearch

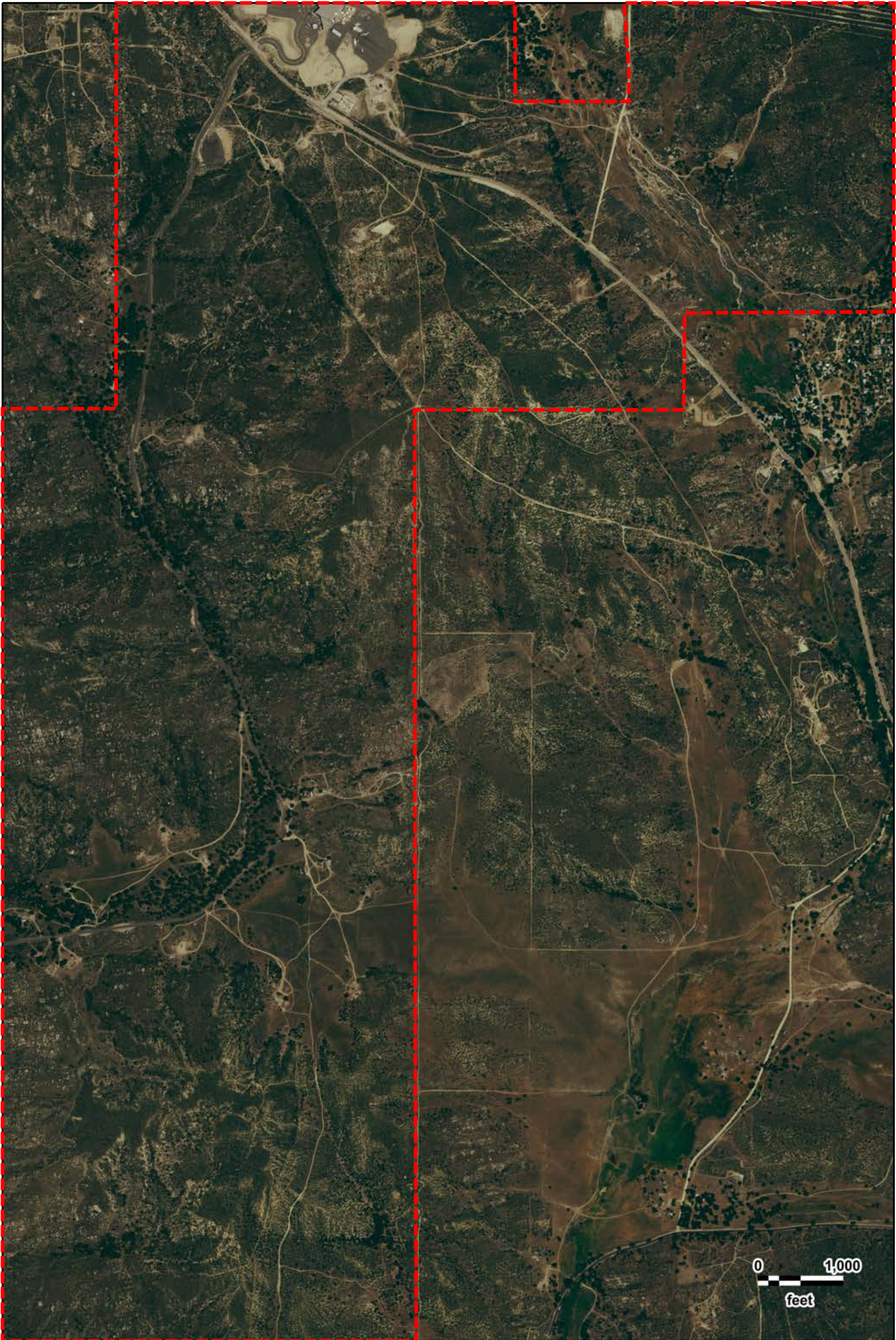






Campo Project  
USDA  
2005

GeoSearch



0 1,000  
feet



Campo Project  
USDA  
2005

GeoSearch



0 1,000  
feet



Campo Project  
USDA  
2005

GeoSearch

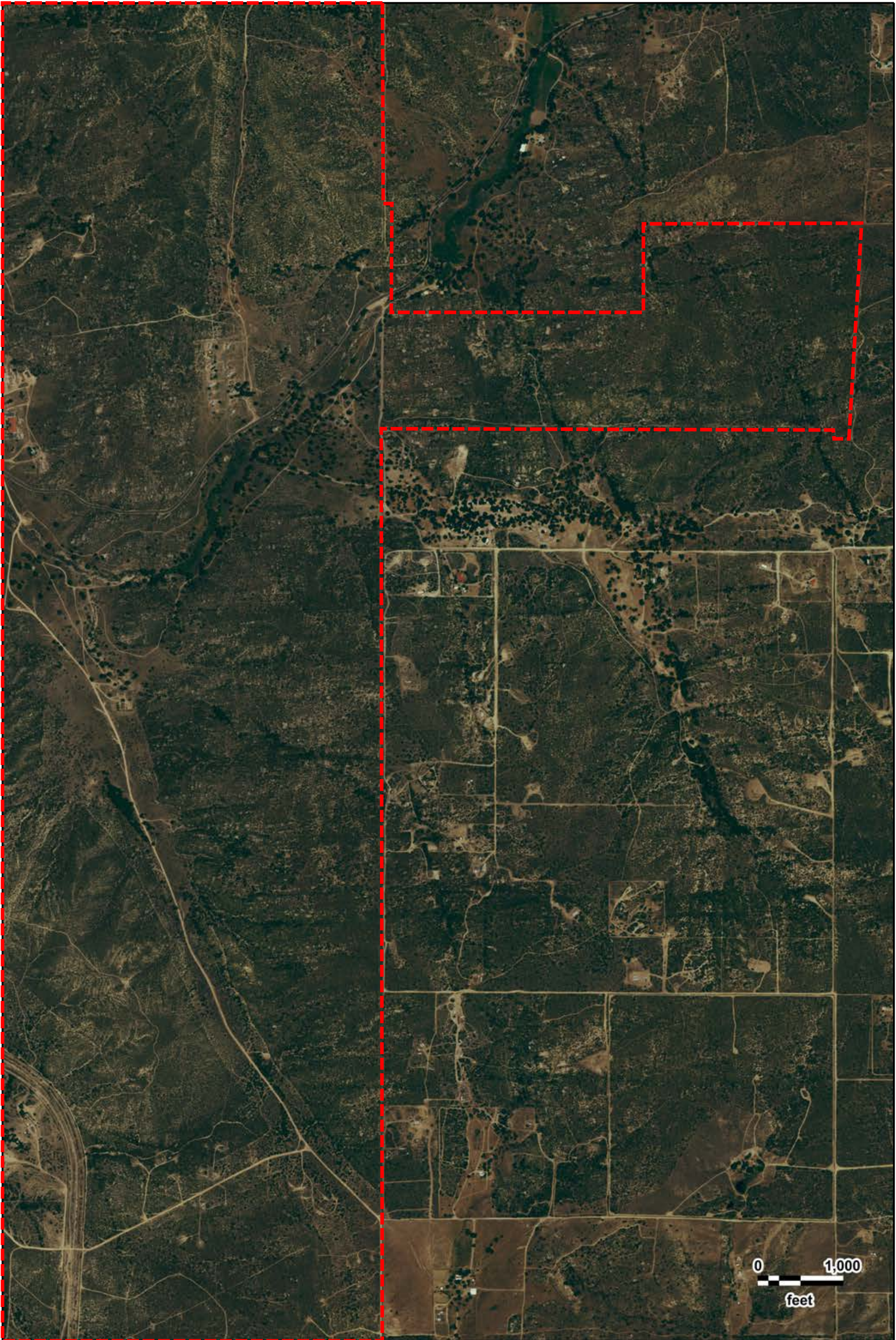


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feet



Campo Project  
USDA  
2005

GeoSearch

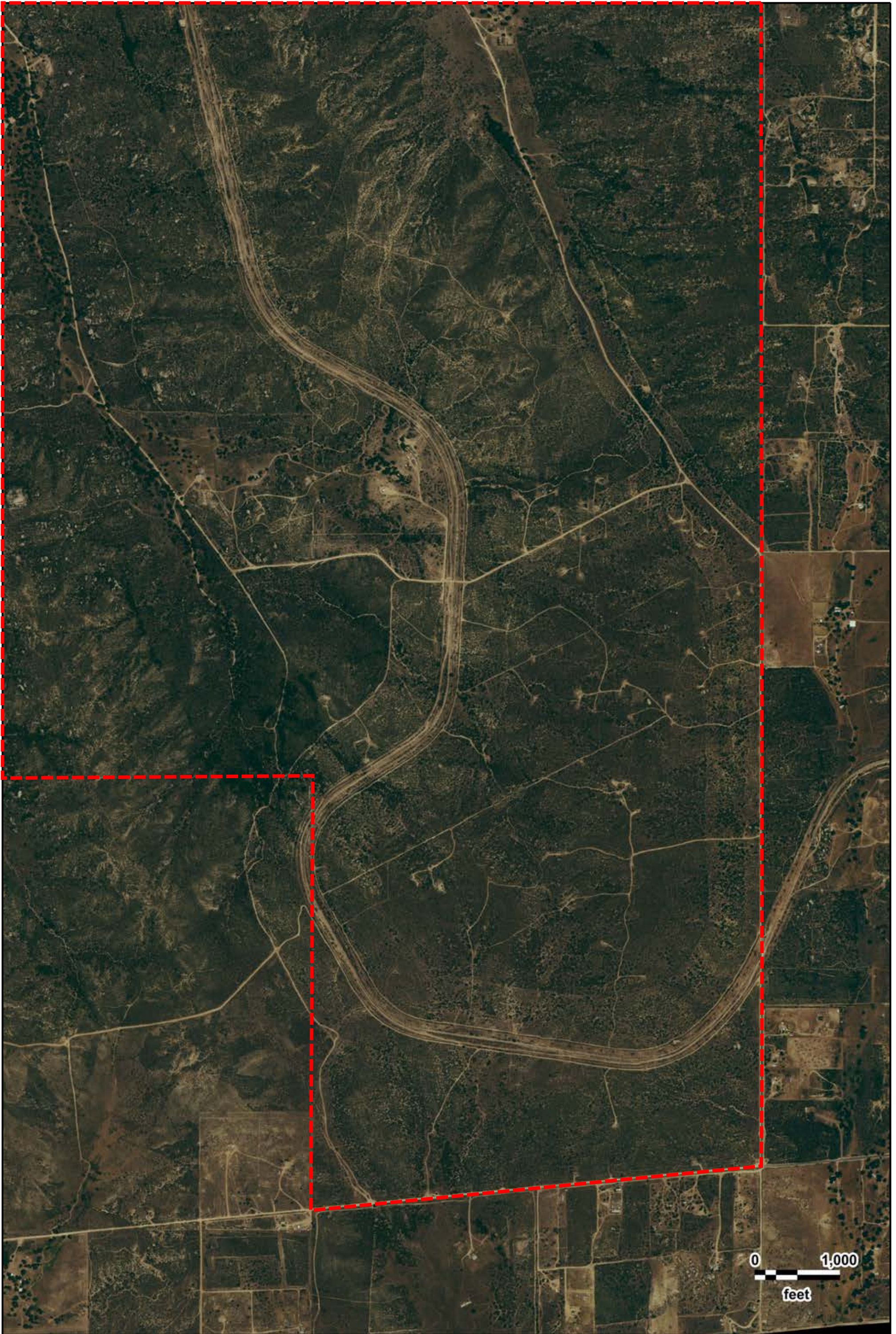


0 1,000  
feet



Campo Project  
USDA  
2005

GeoSearch

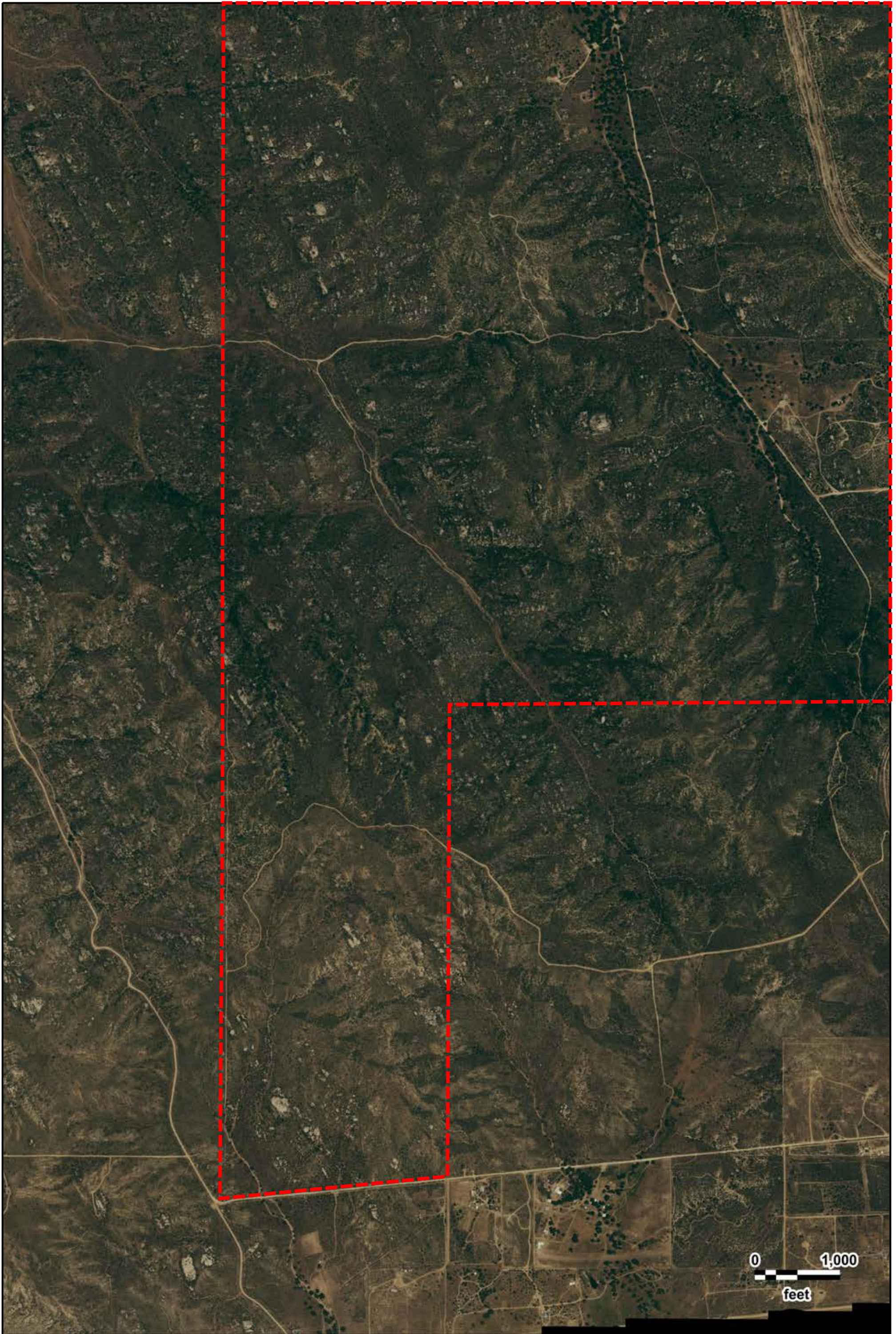


0 1,000  
feet



Campo Project  
USDA  
2005

GeoSearch





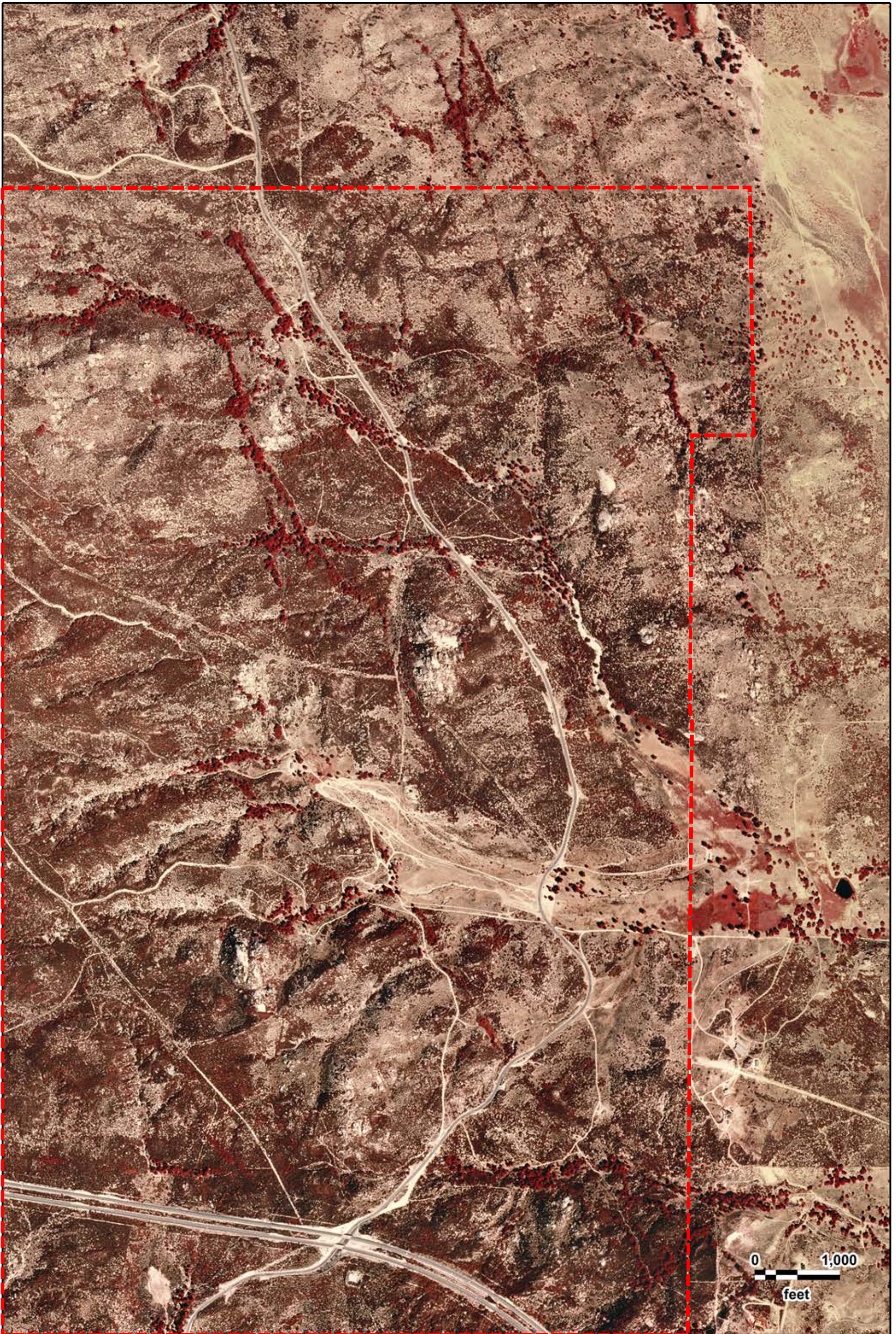


0 1,000  
feet



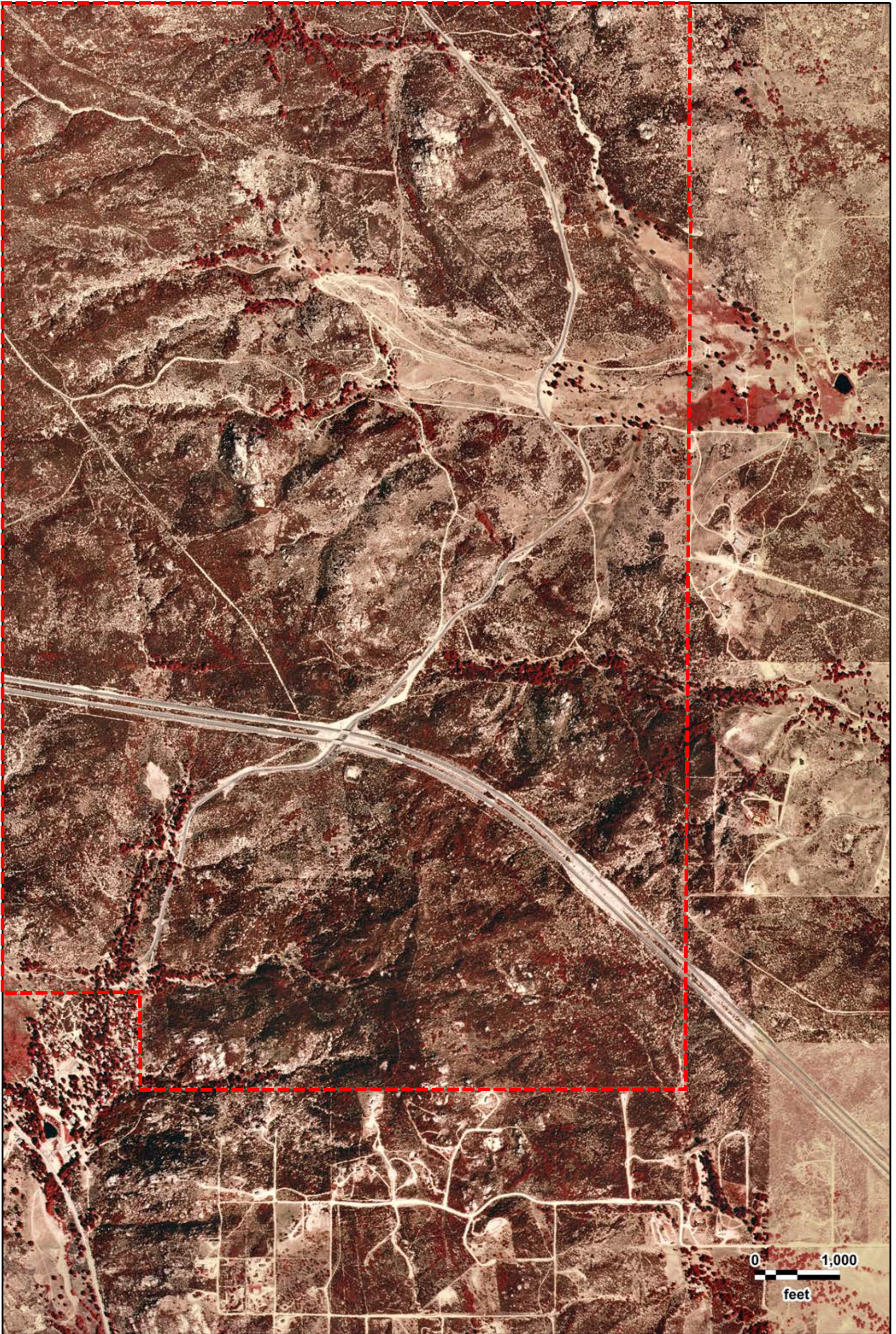
Campo Project  
USGS  
09/27/1996

GeoSearch



Campo Project  
USGS  
09/27/1996

GeoSearch



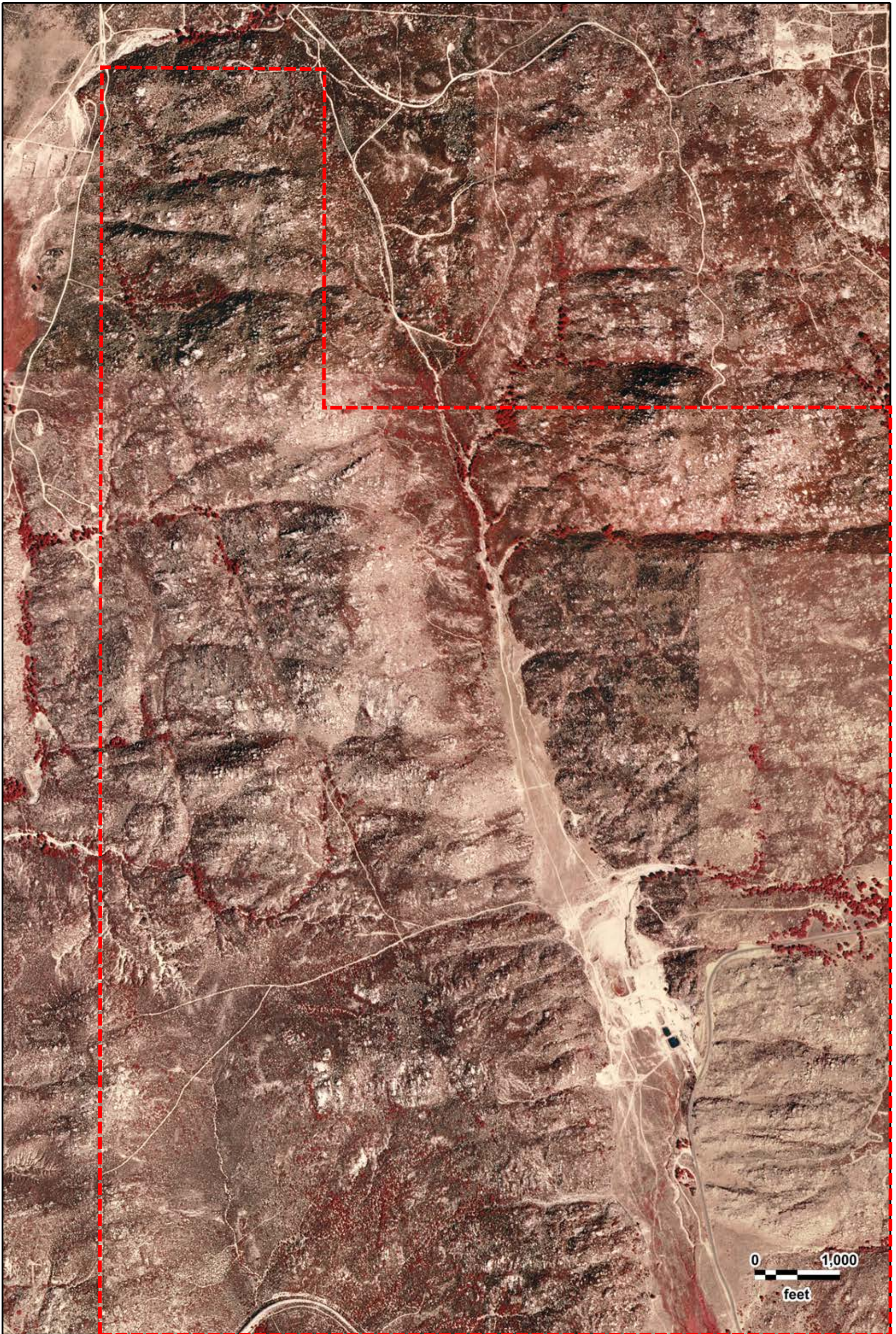
Campo Project  
USGS  
09/27/1996

GeoSearch



Campo Project  
USGS  
09/27/1996

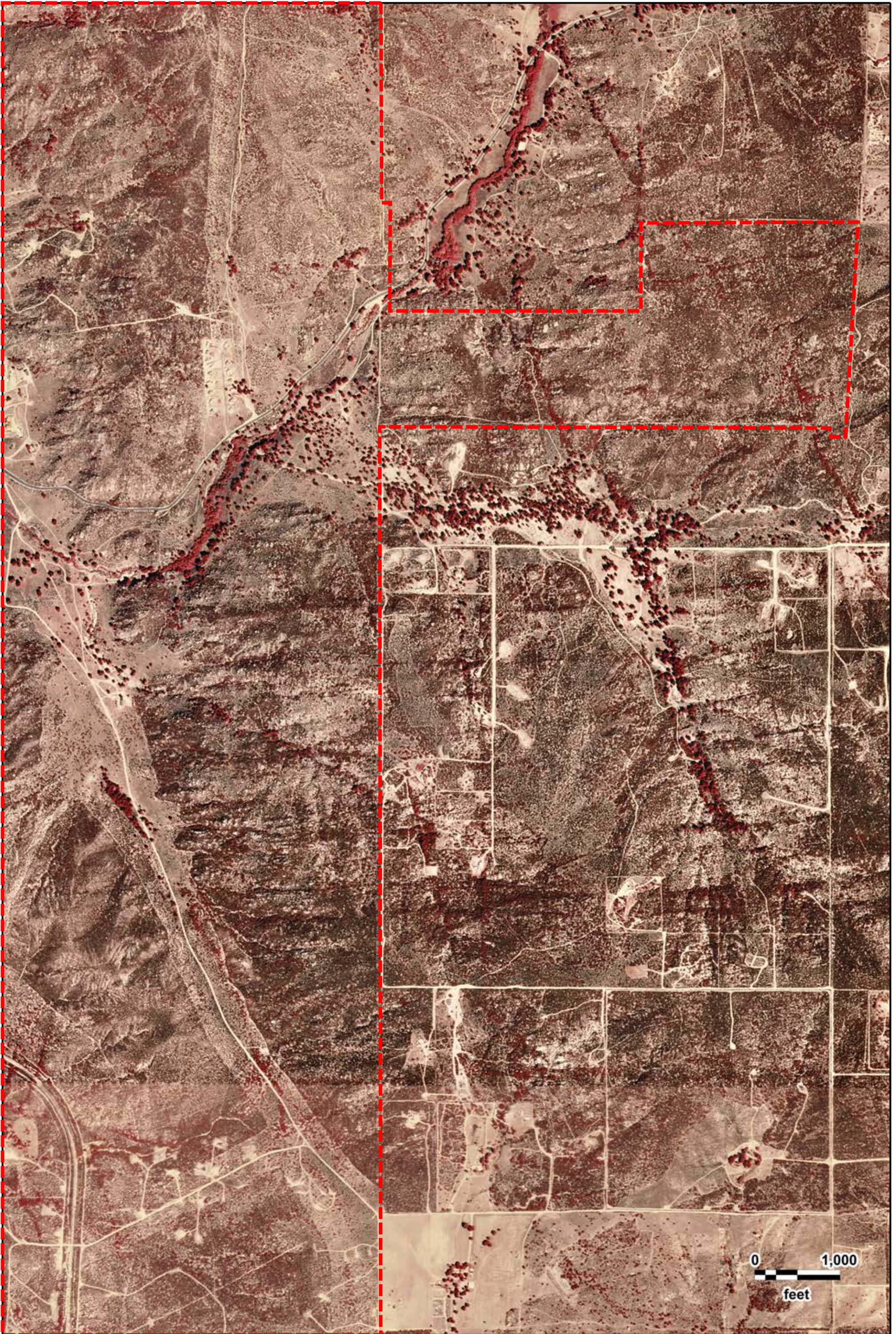
GeoSearch





Campo Project  
USGS  
09/27/1996

GeoSearch



0 1,000  
feet

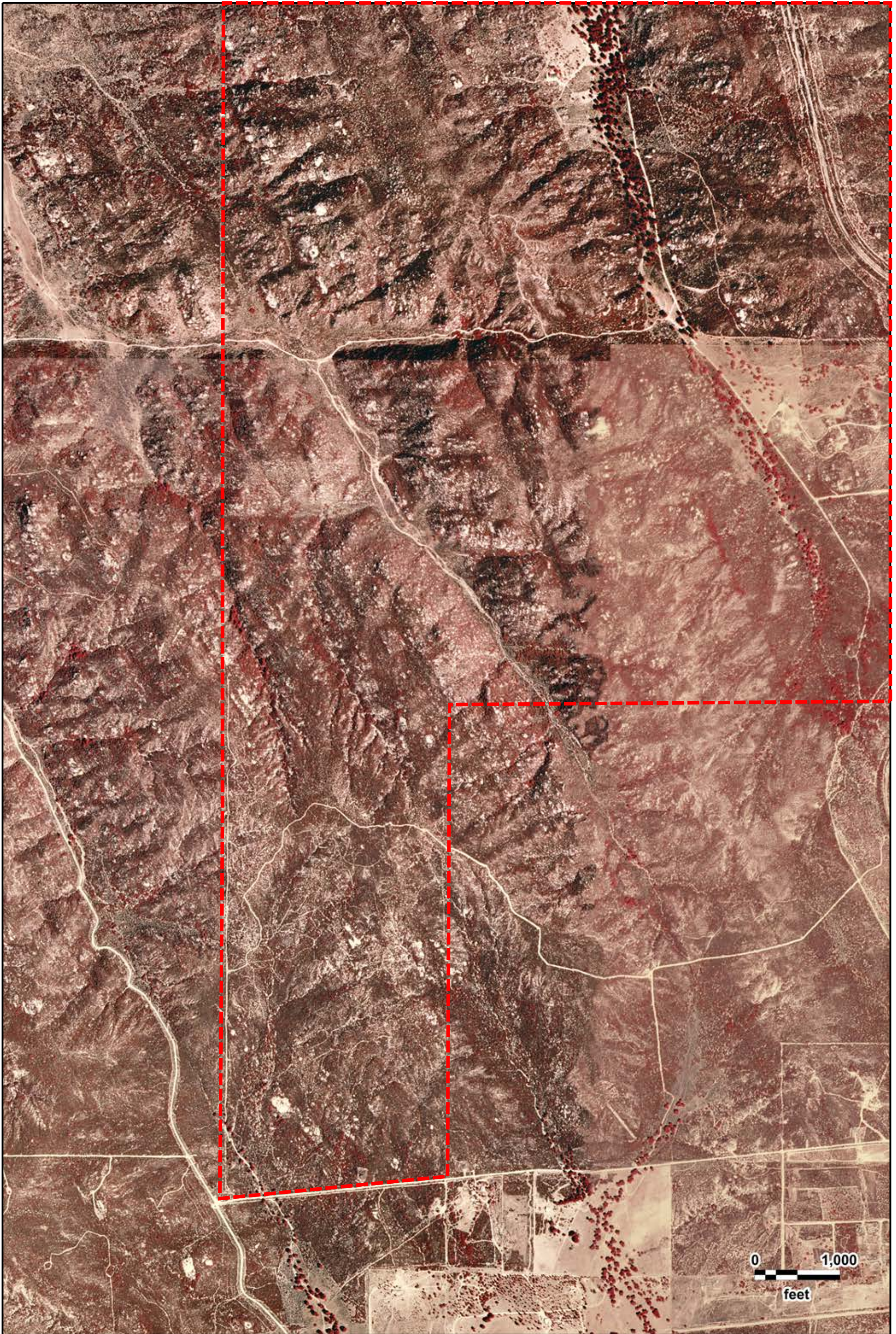


Campo Project  
USGS  
09/27/1996

GeoSearch



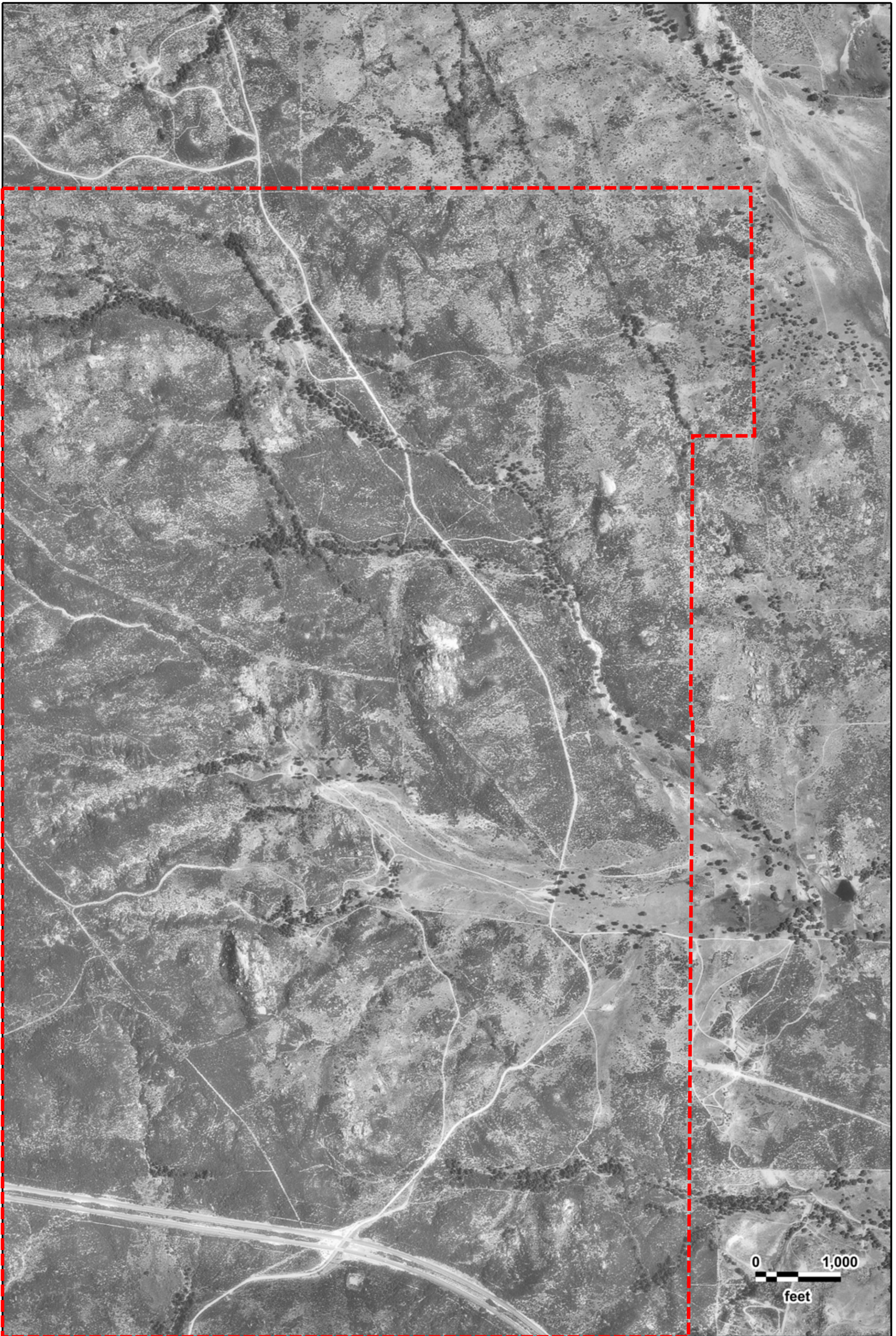




Campo Project  
USGS  
09/27/1996

GeoSearch



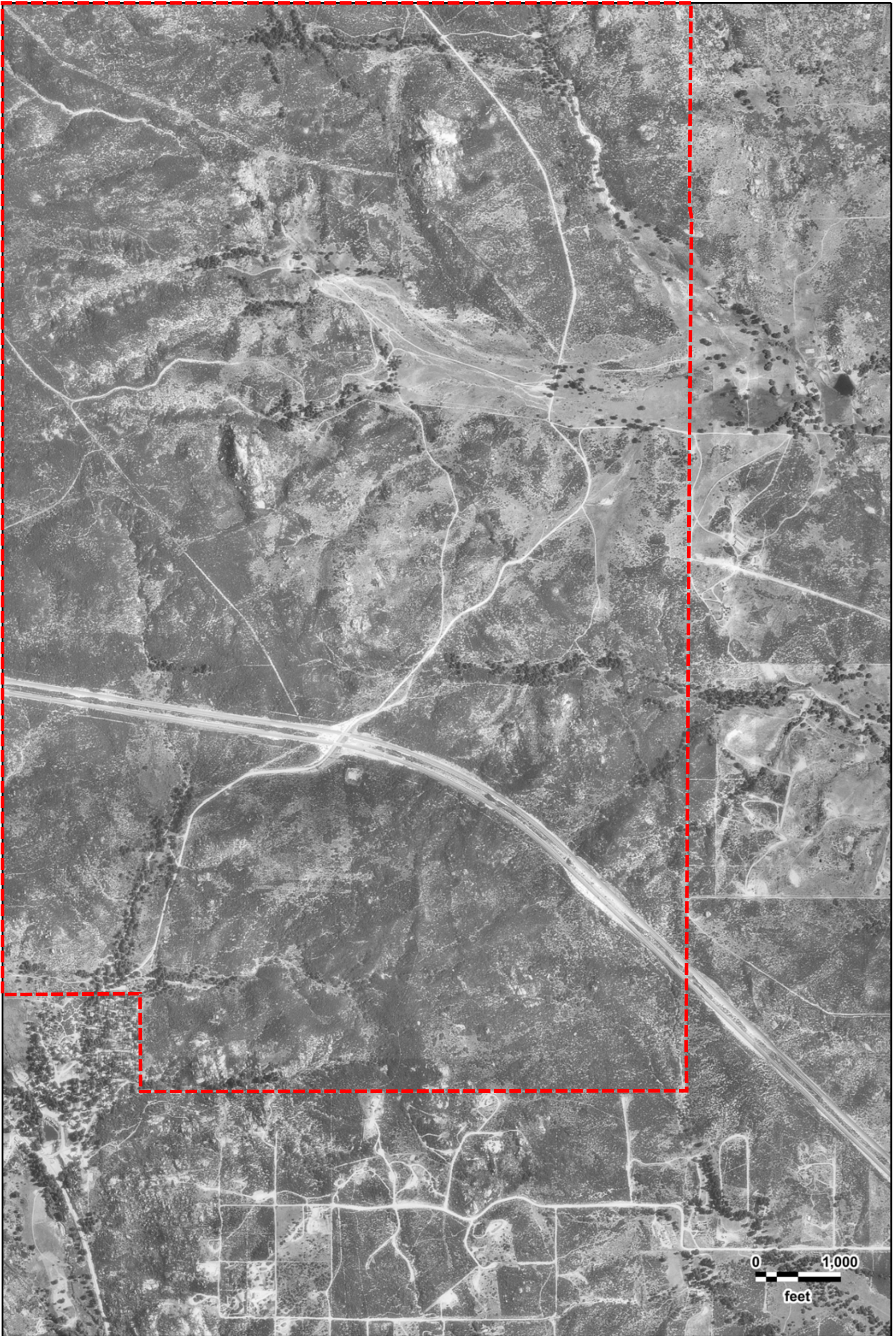


0 1,000  
feet



Campo Project  
USGS  
05/24/1994

GeoSearch



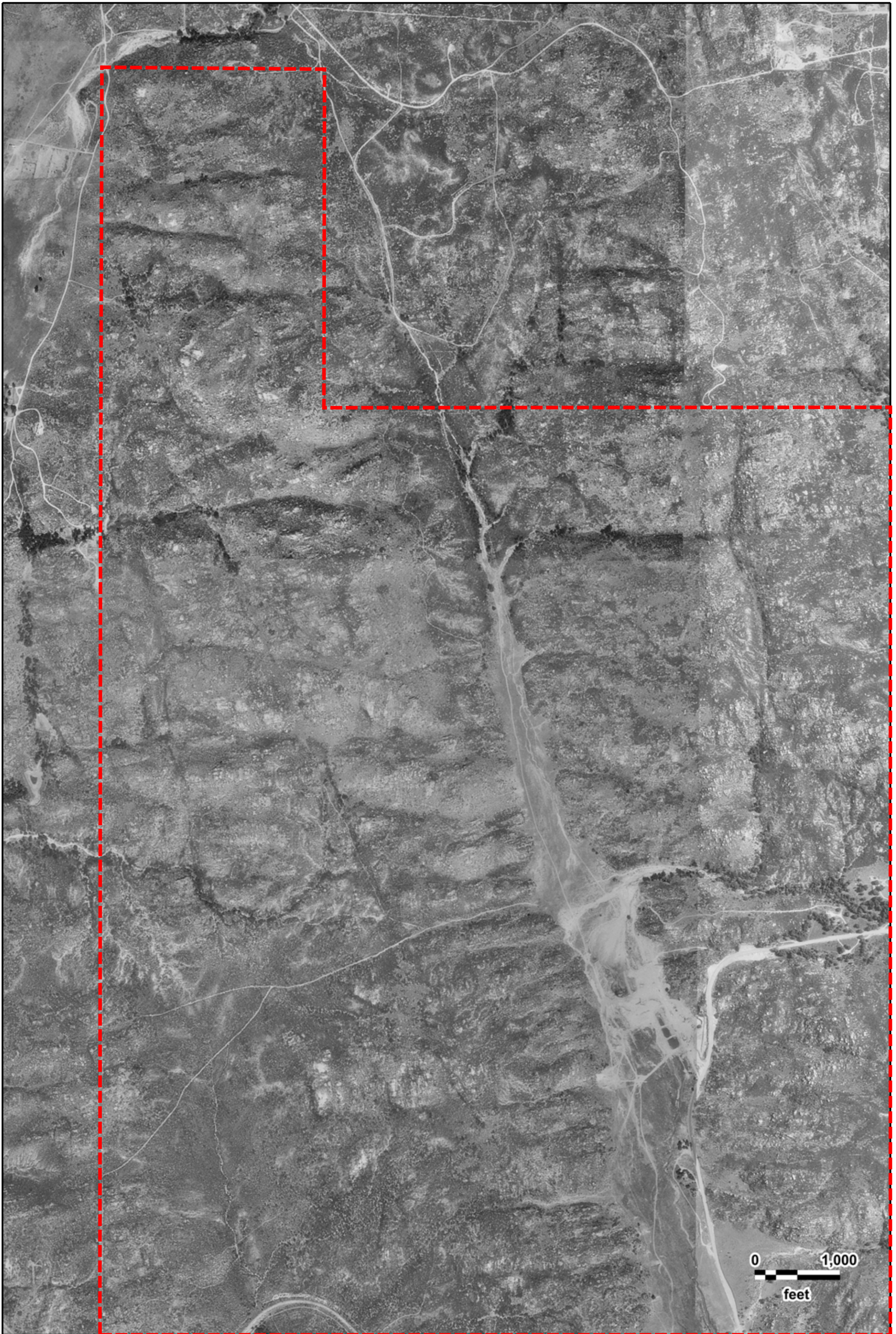


0 1,000  
feet



Campo Project  
USGS  
05/24/1994

GeoSearch



0 1,000  
feet



Campo Project  
USGS  
10/05/1995

GeoSearch



0 1,000  
feet



Campo Project  
USGS  
10/05/1995

GeoSearch

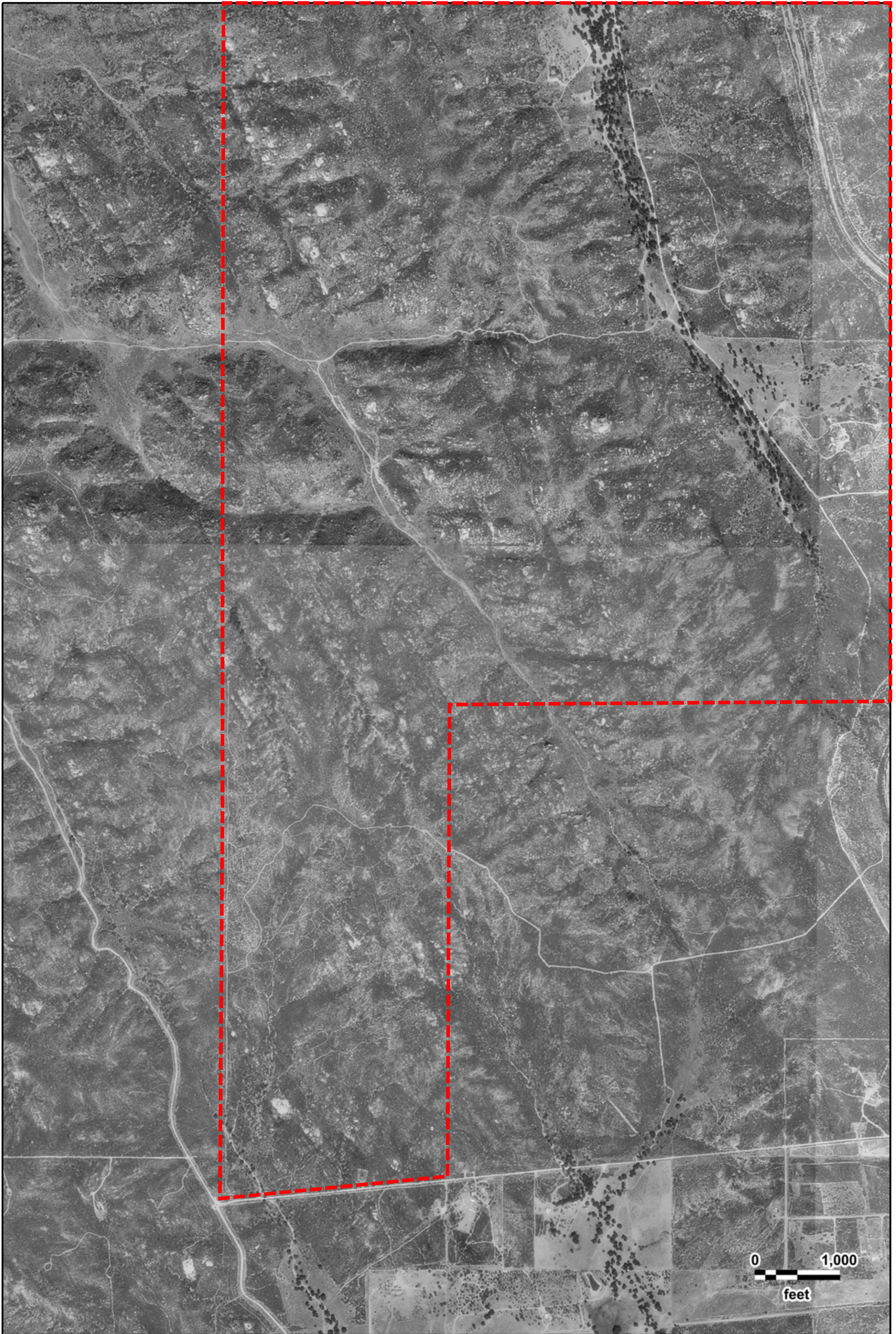


Campo Project  
USGS  
05/24/1994

GeoSearch







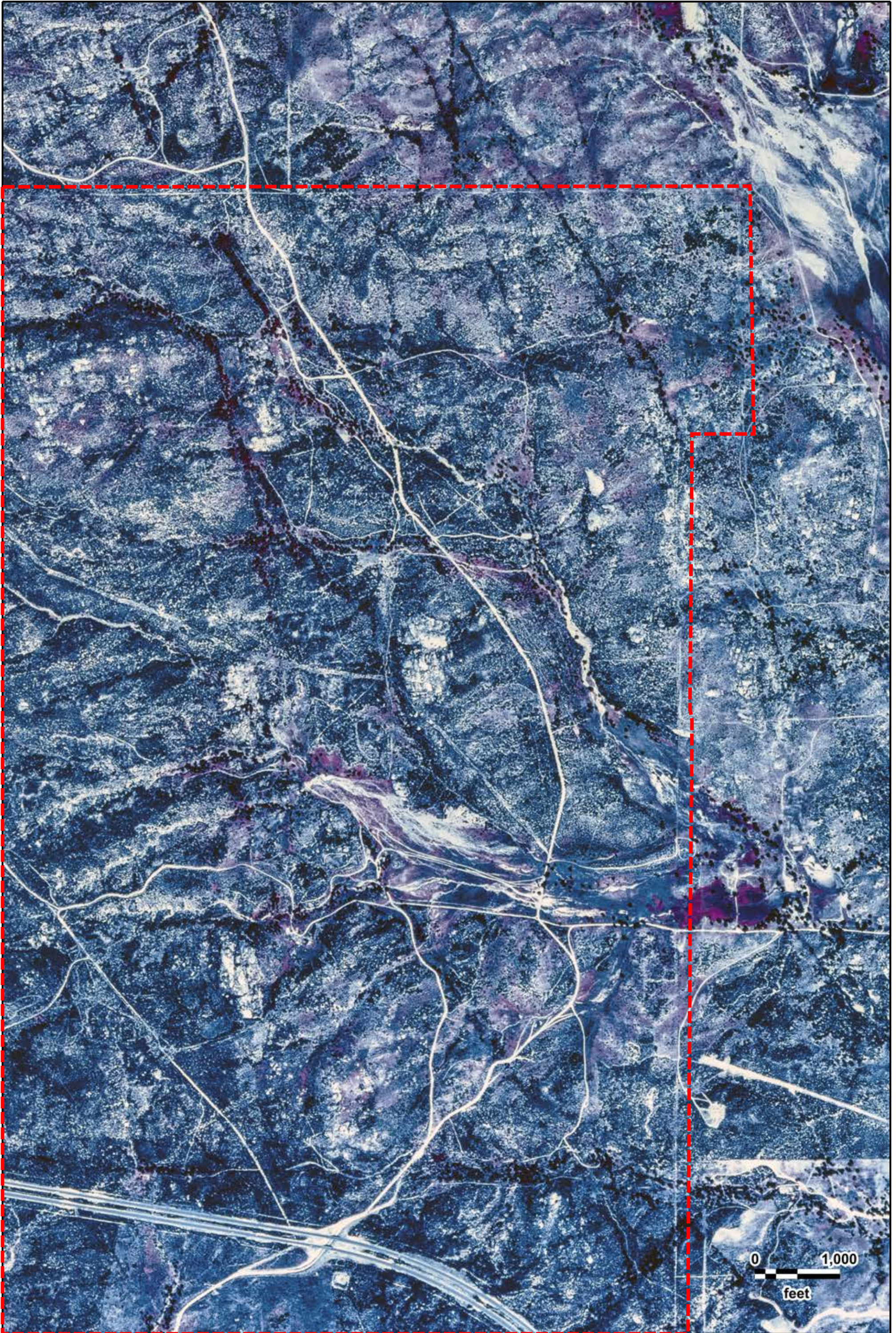
Campo Project  
USGS  
10/05/1995

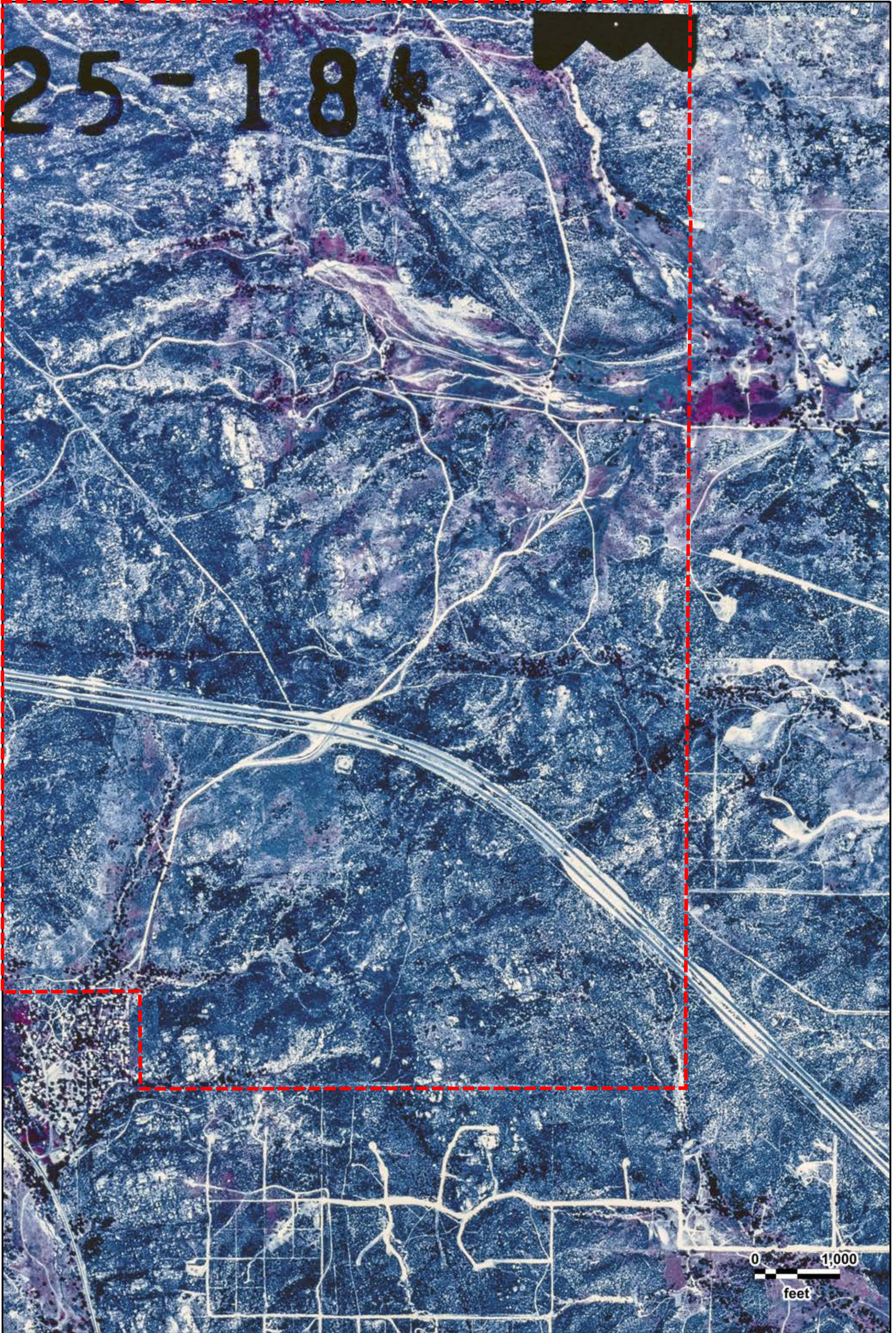
GeoSearch



Campo Project  
USGS  
08/24/1984

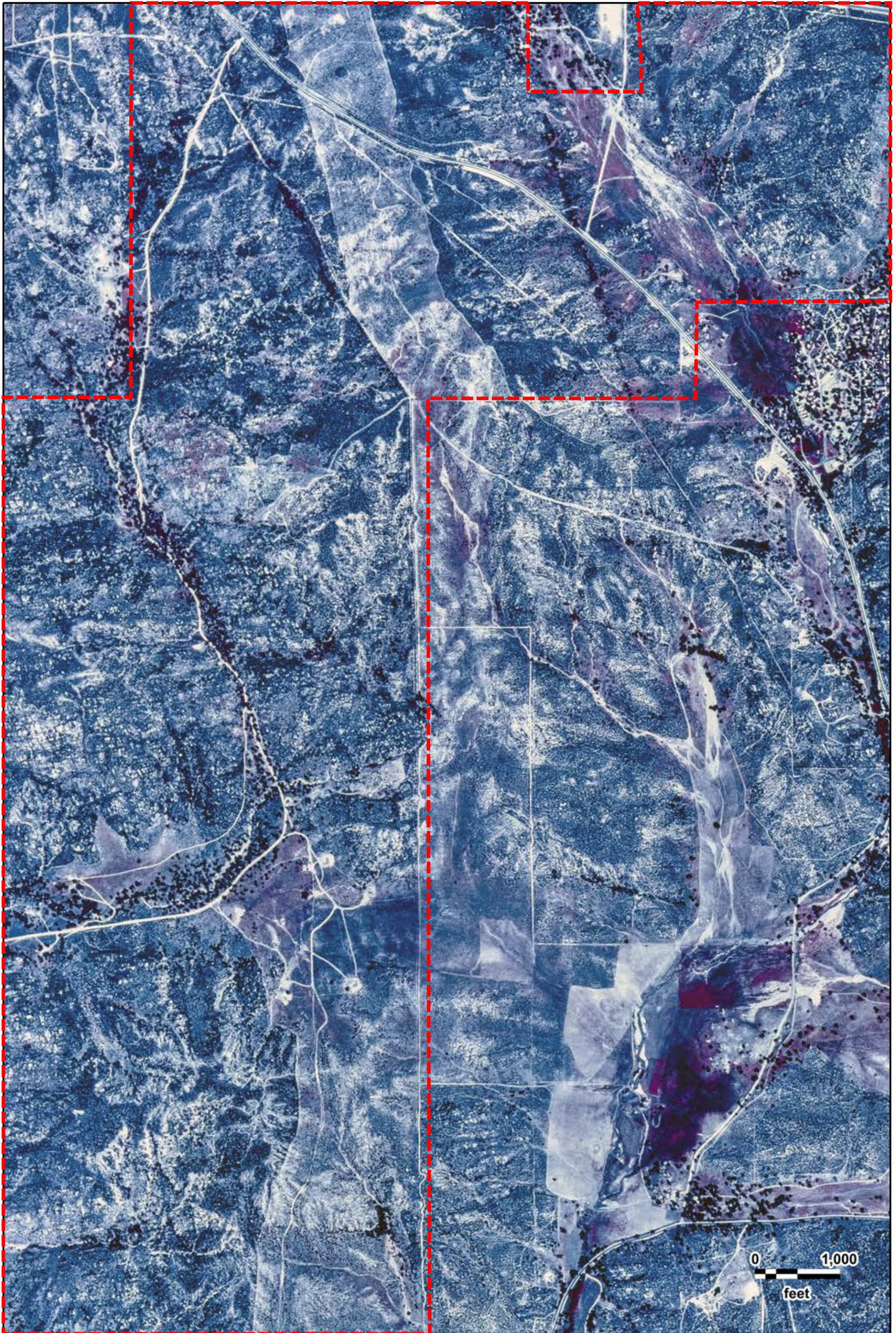
GeoSearch





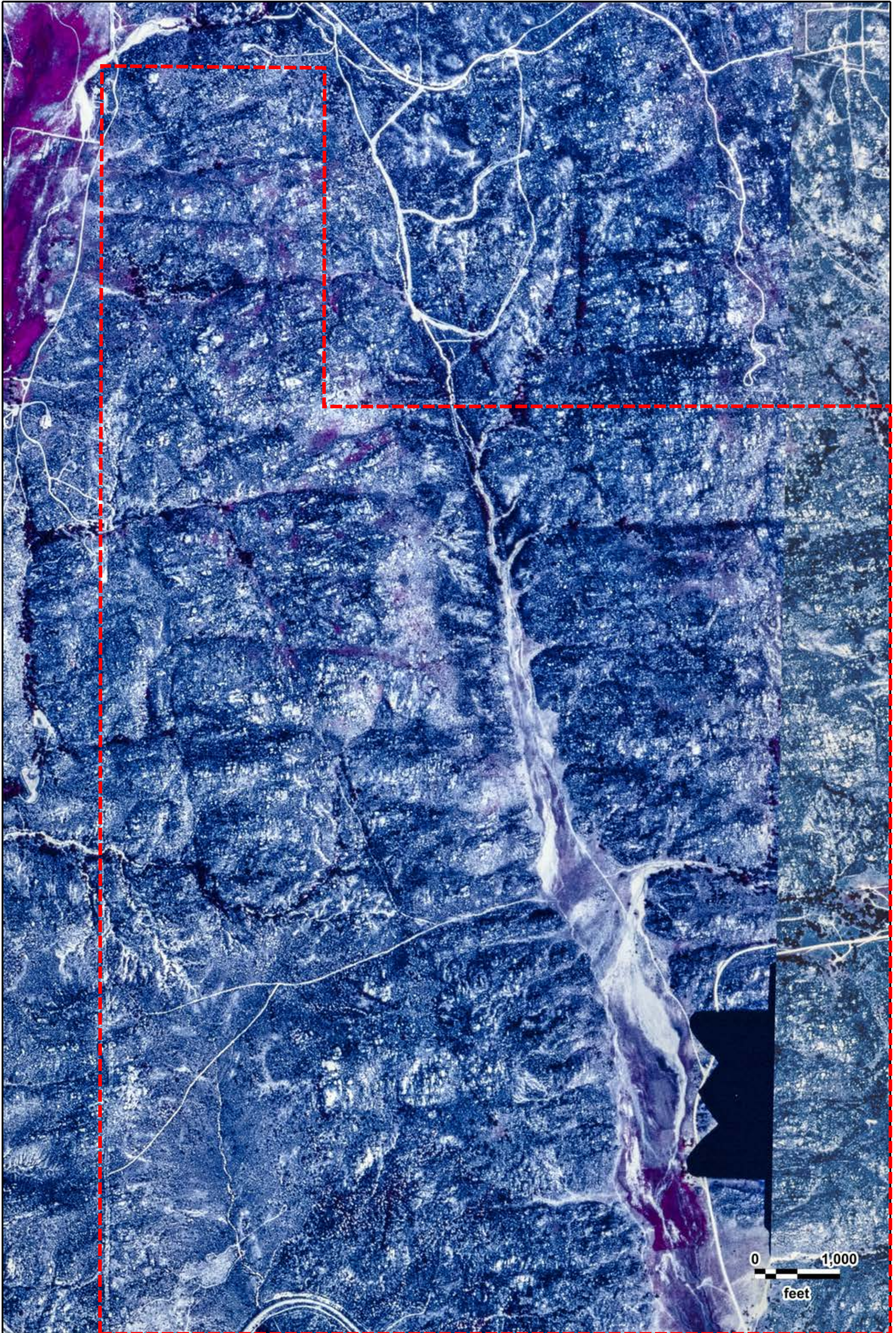
Campo Project  
USGS  
08/24/1984

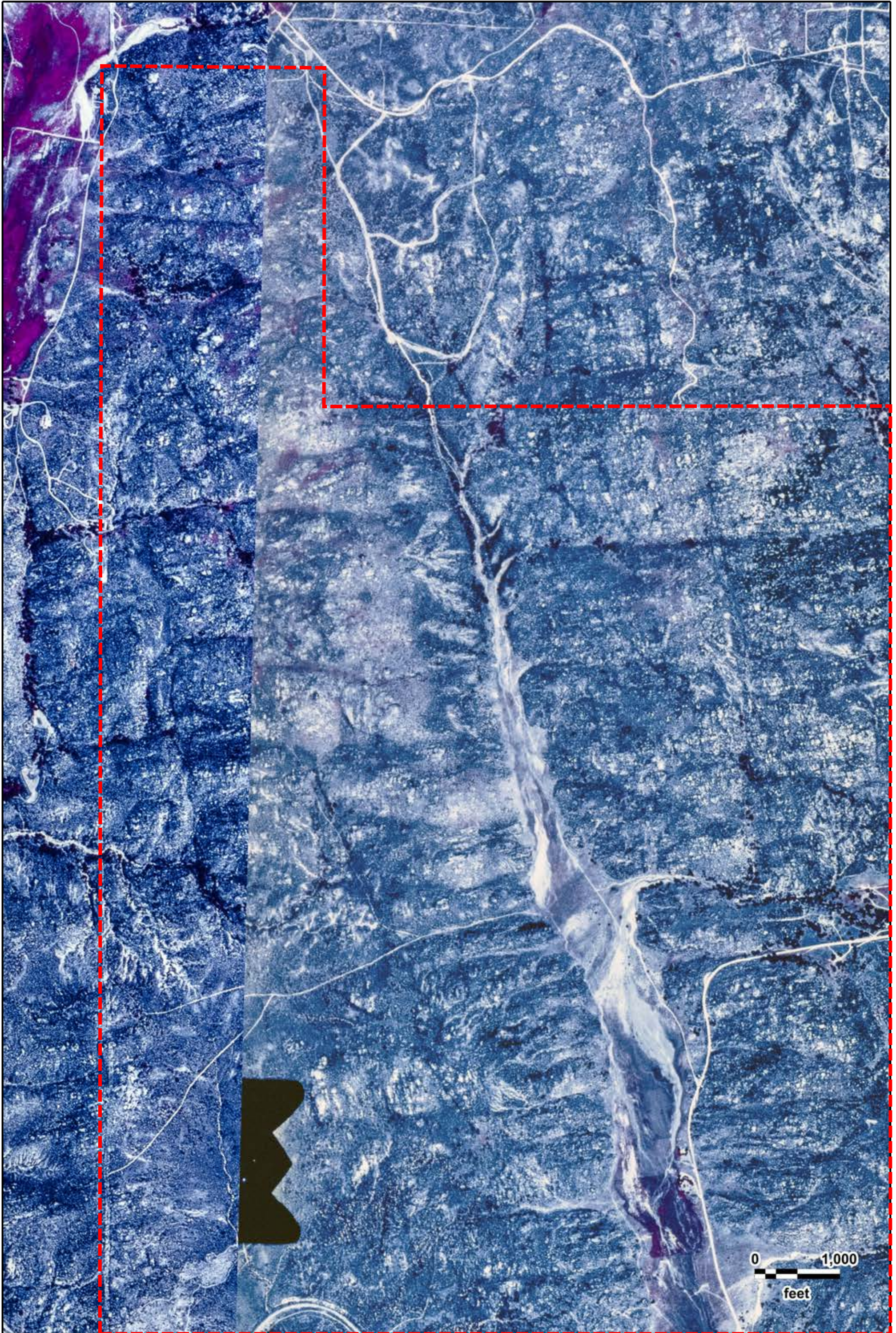
GeoSearch



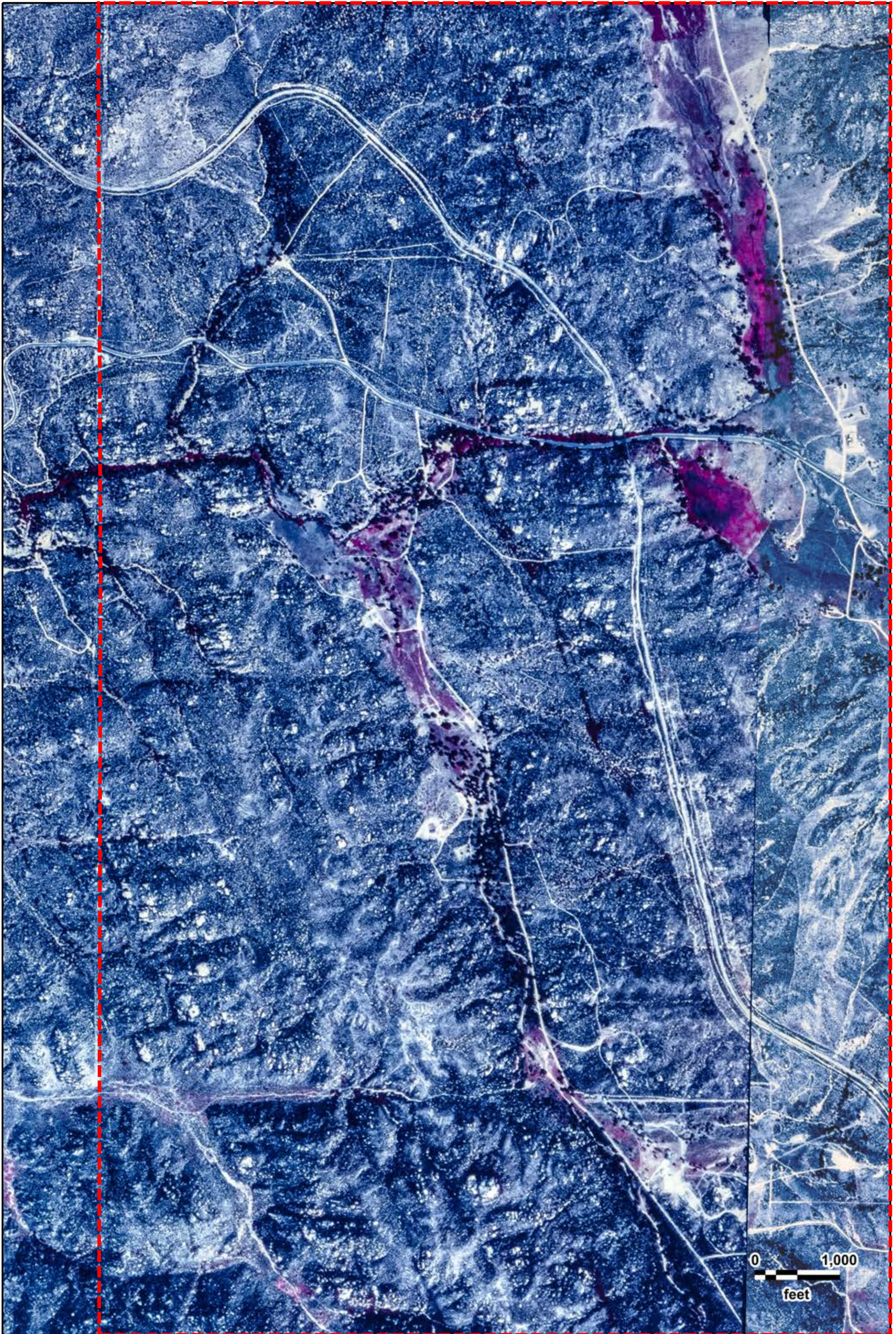
Campo Project  
USGS  
08/24/1984

GeoSearch







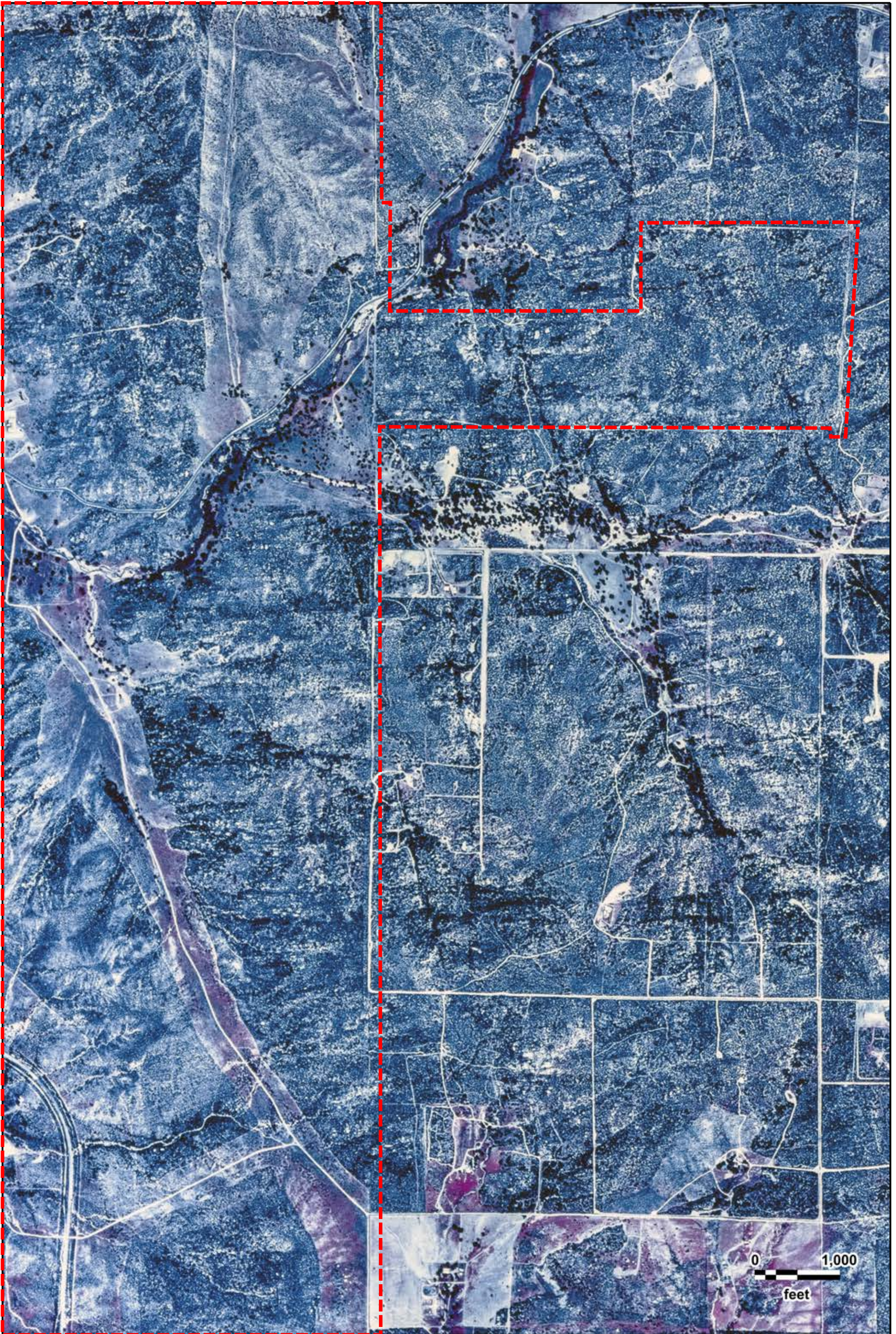


0 1,000  
feet



Campo Project  
USGS  
08/24/1984

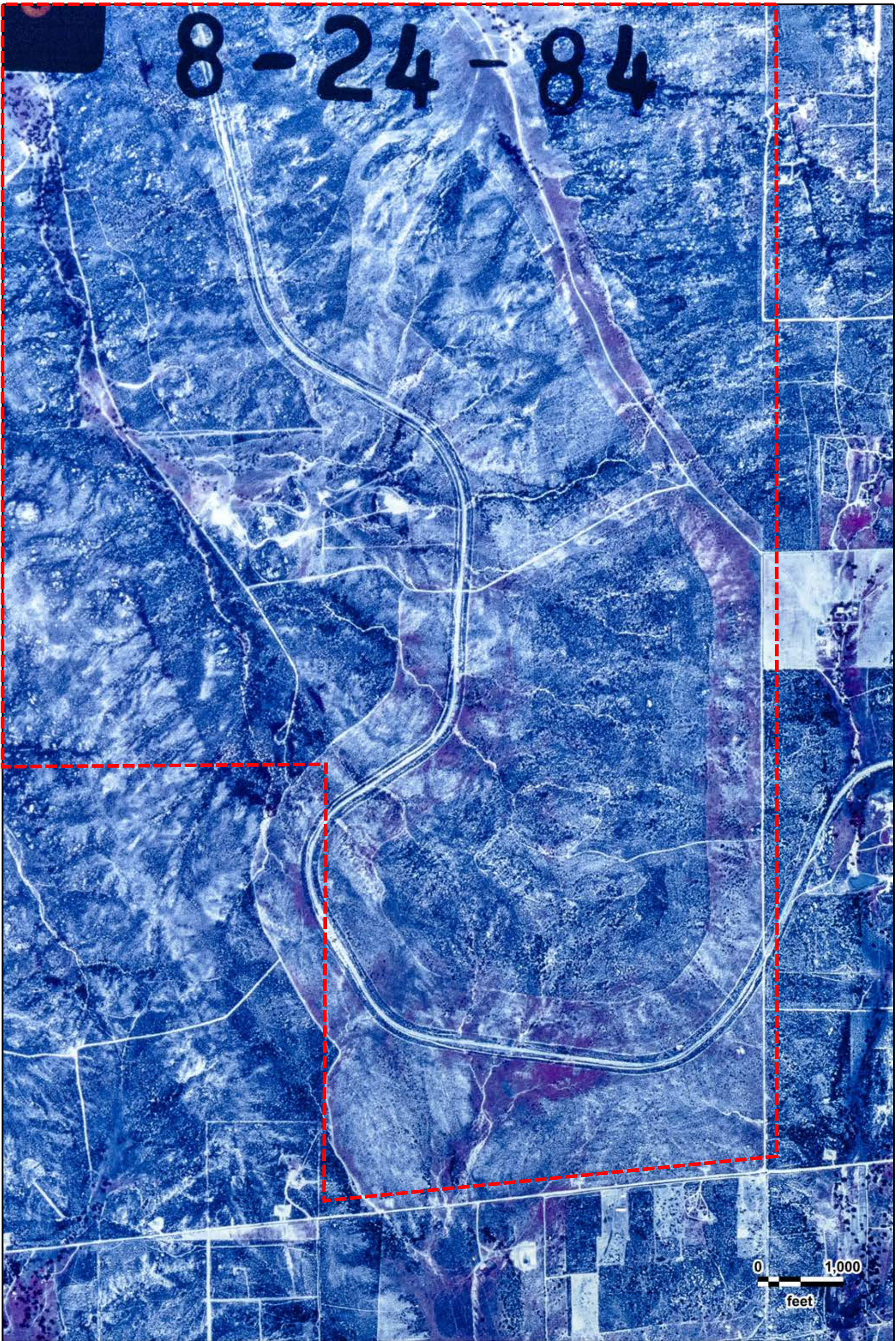
GeoSearch



Campo Project  
USGS  
08/24/1984

GeoSearch

8-24-84



0 1,000  
feet



Campo Project  
USGS  
08/24/1984

GeoSearch

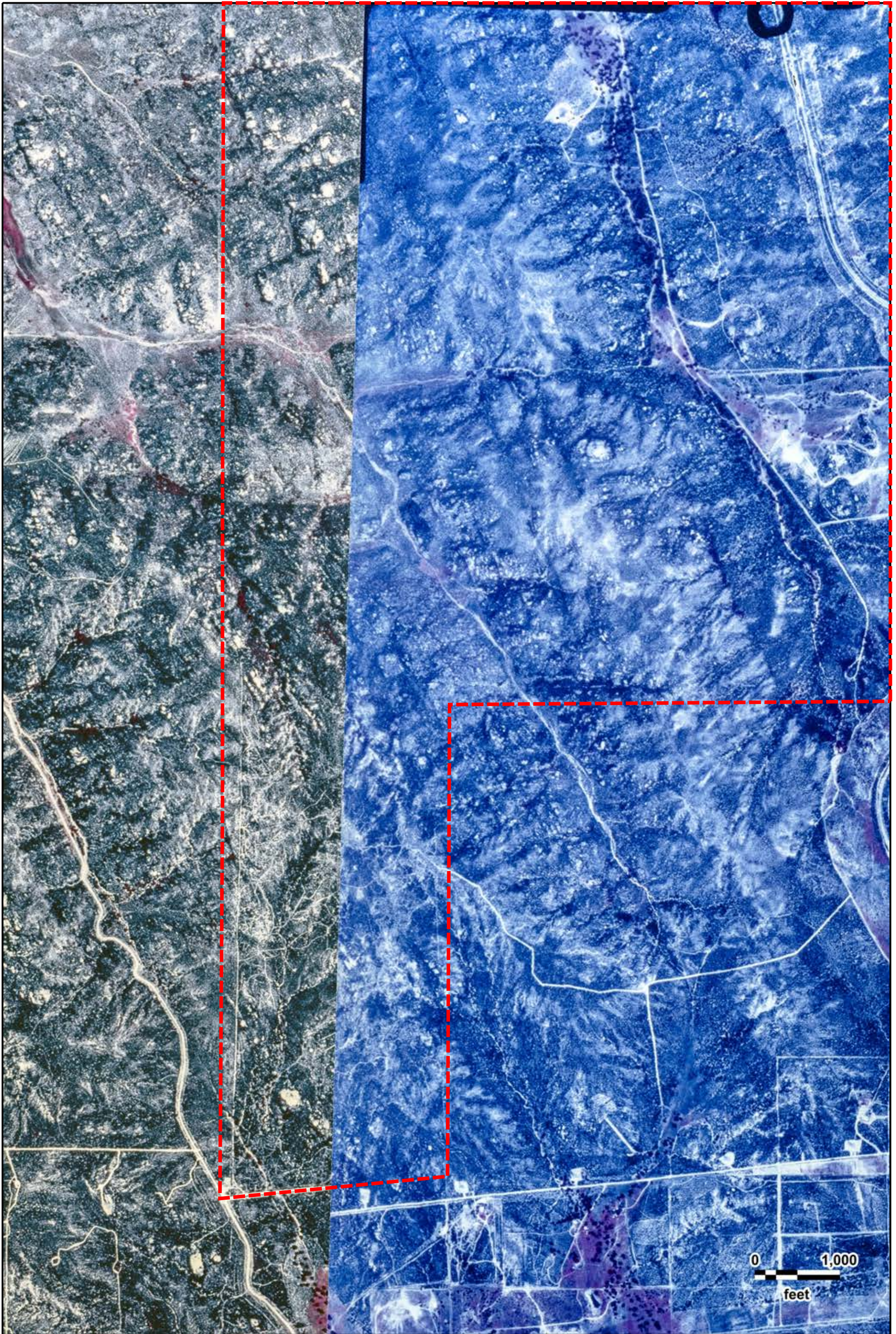


0 1,000  
feet



Campo Project  
USGS  
08/24/1984

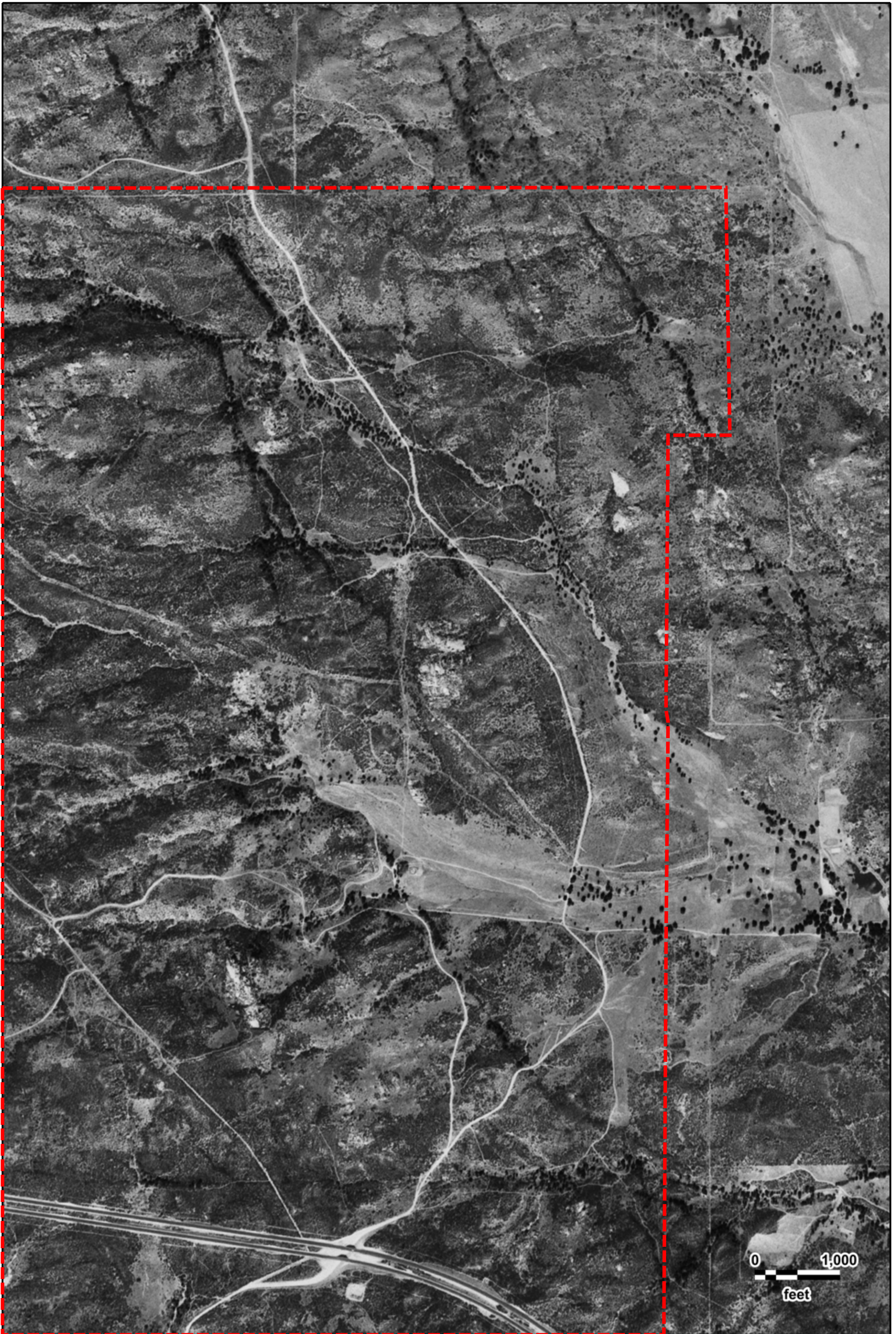
GeoSearch



Campo Project  
USGS  
08/24/1984

GeoSearch





Campo Project  
USGS  
10/16/1975

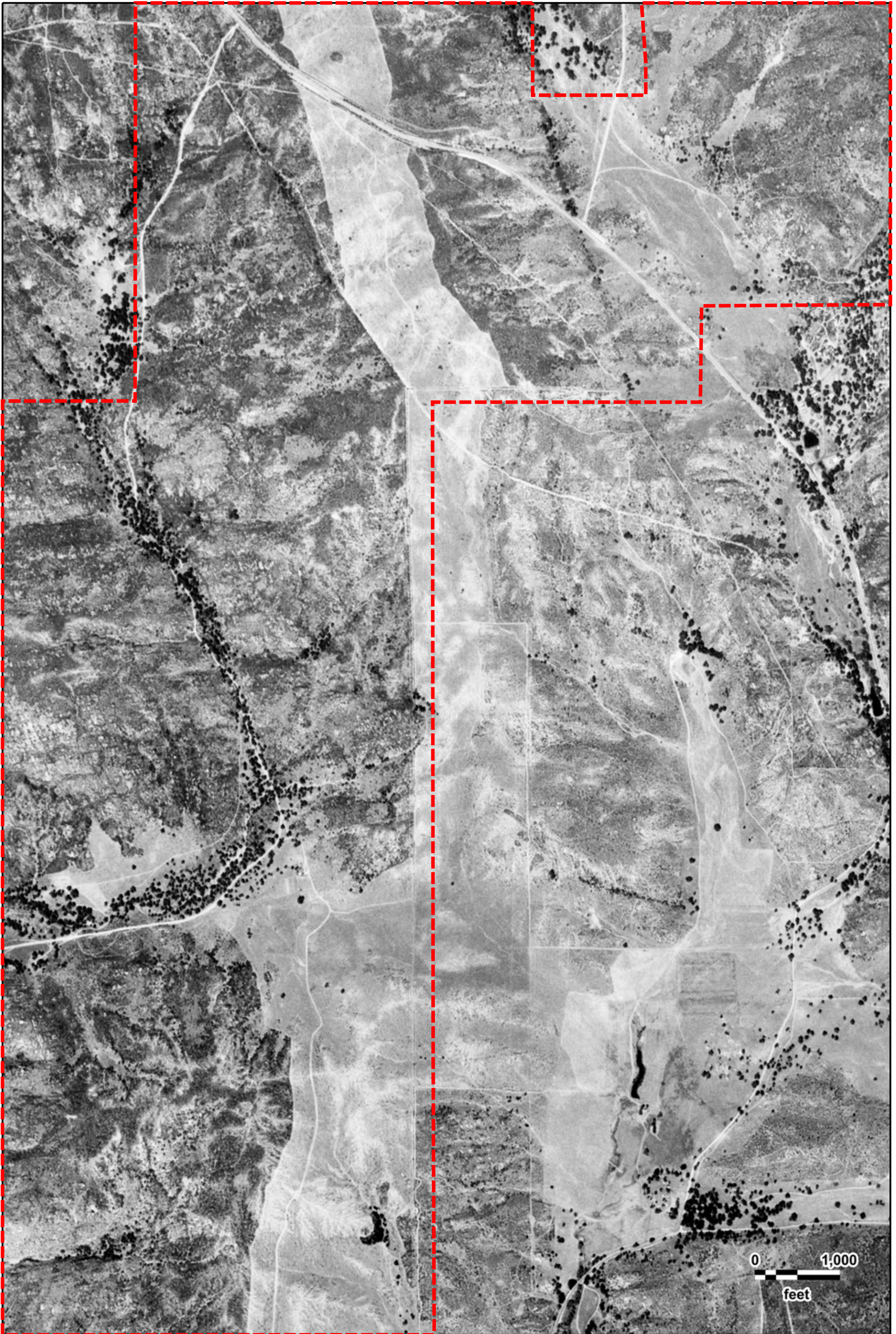
GeoSearch

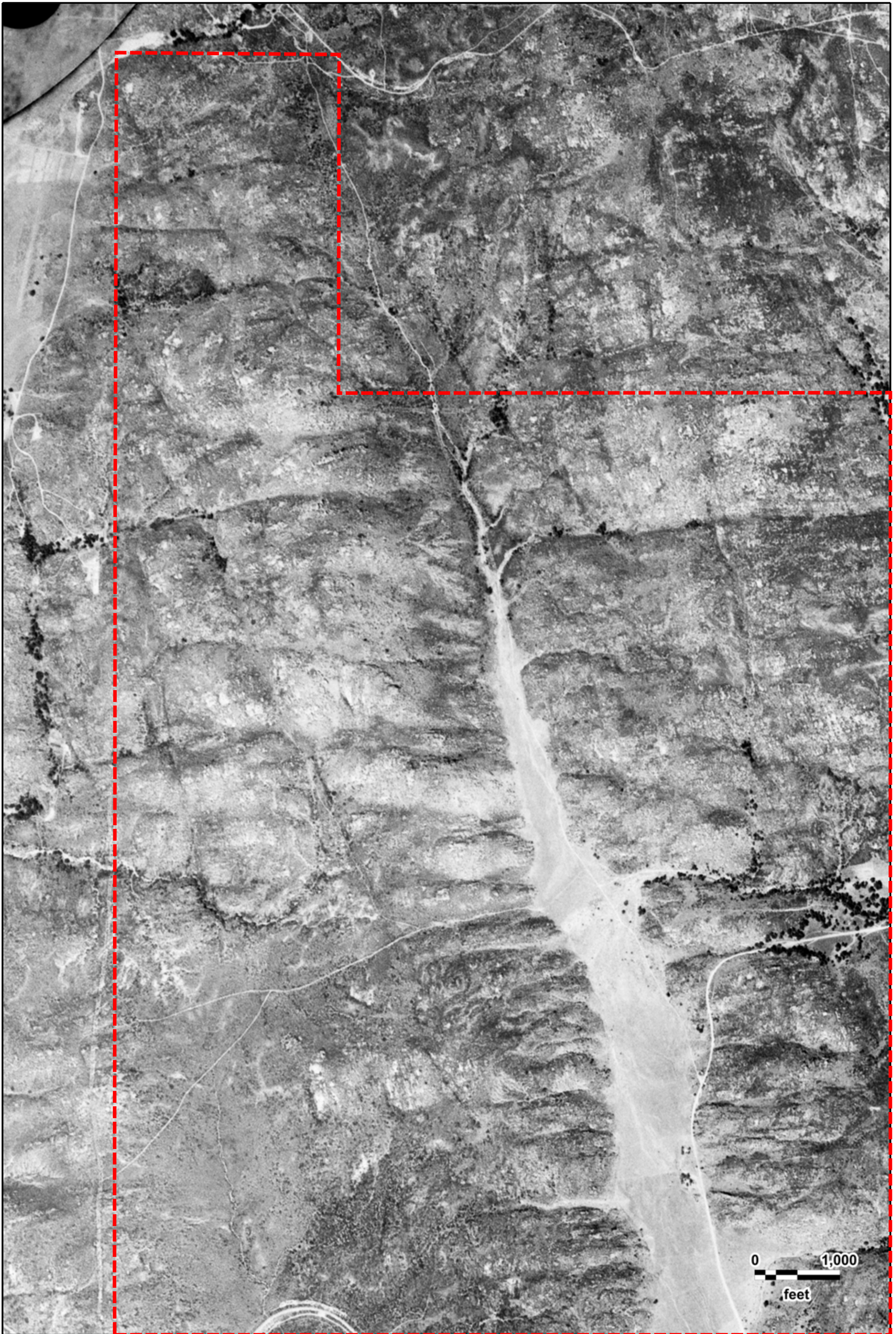


Campo Project  
USGS  
10/16/1975

GeoSearch







Campo Project  
USGS  
10/16/1975

GeoSearch





0 1,000  
feet



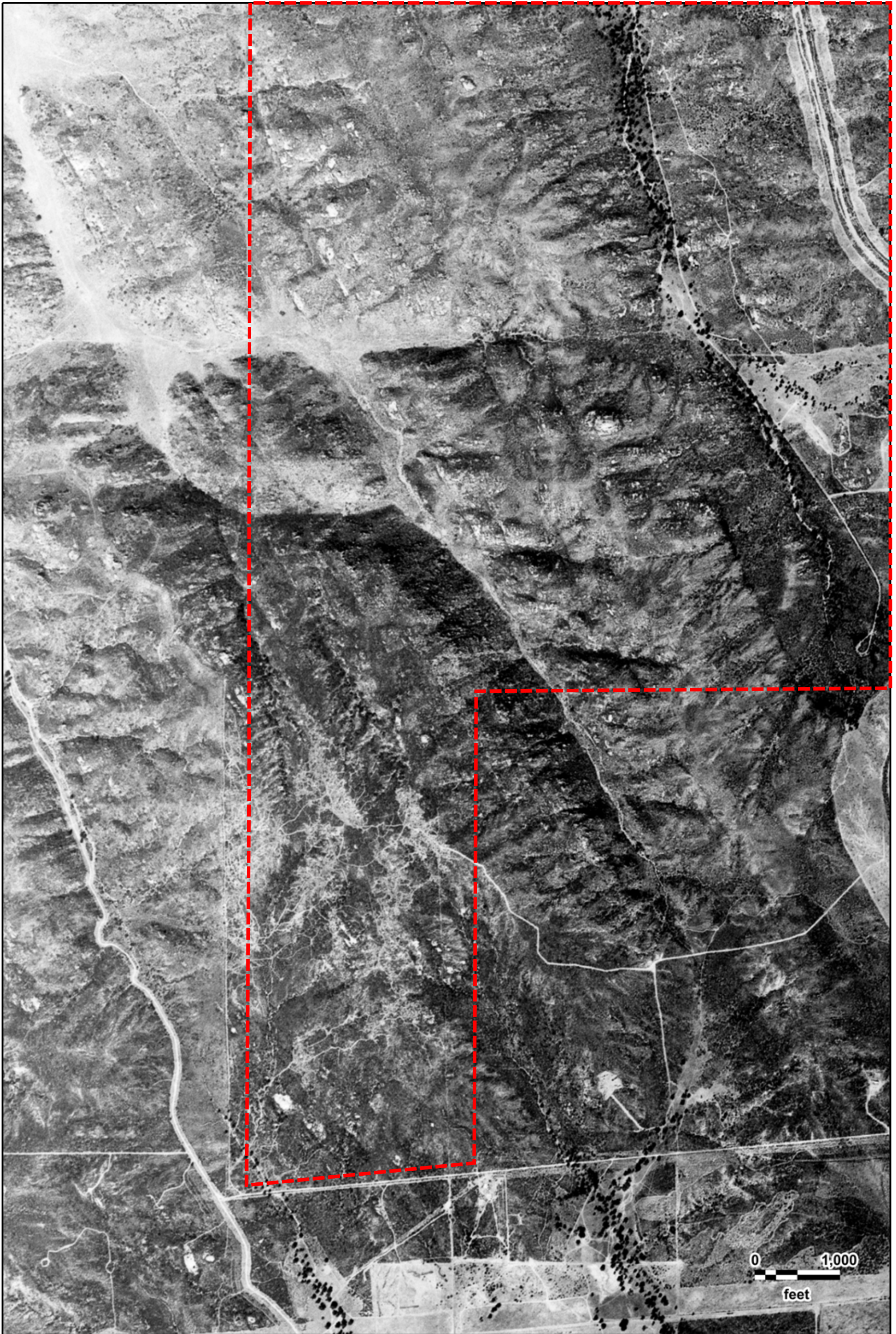
Campo Project  
USGS  
10/16/1975

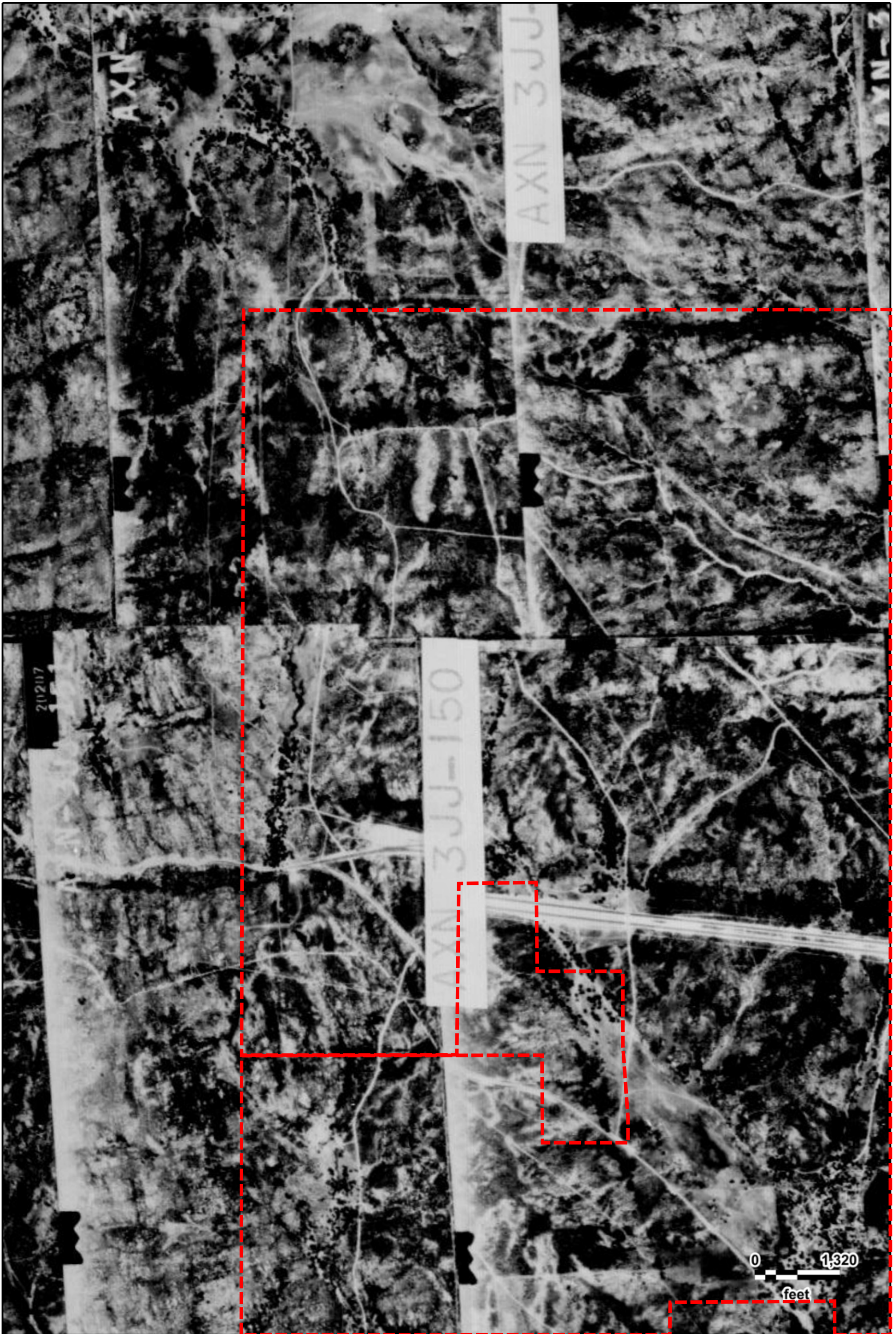
GeoSearch

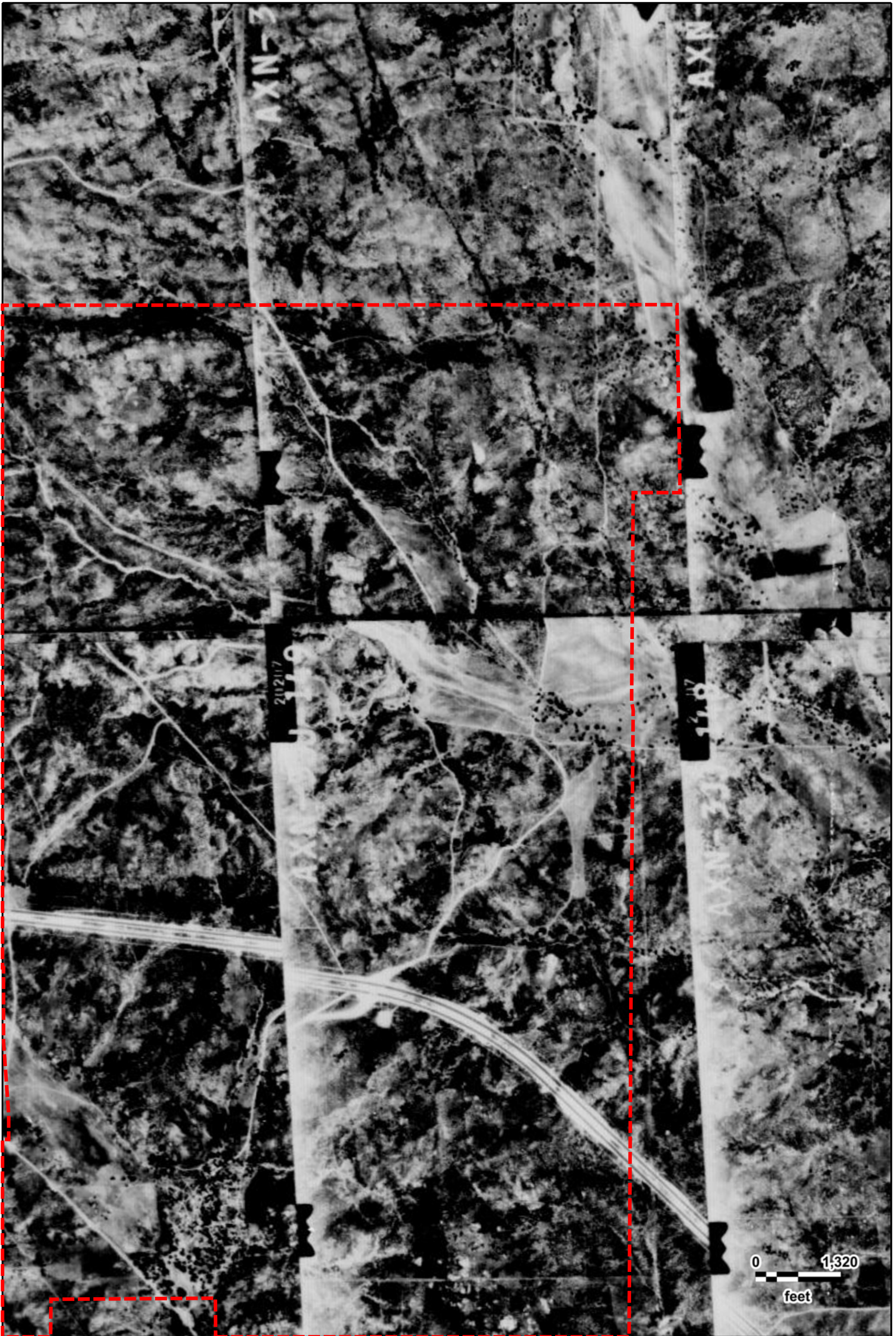


Campo Project  
USGS  
10/16/1975

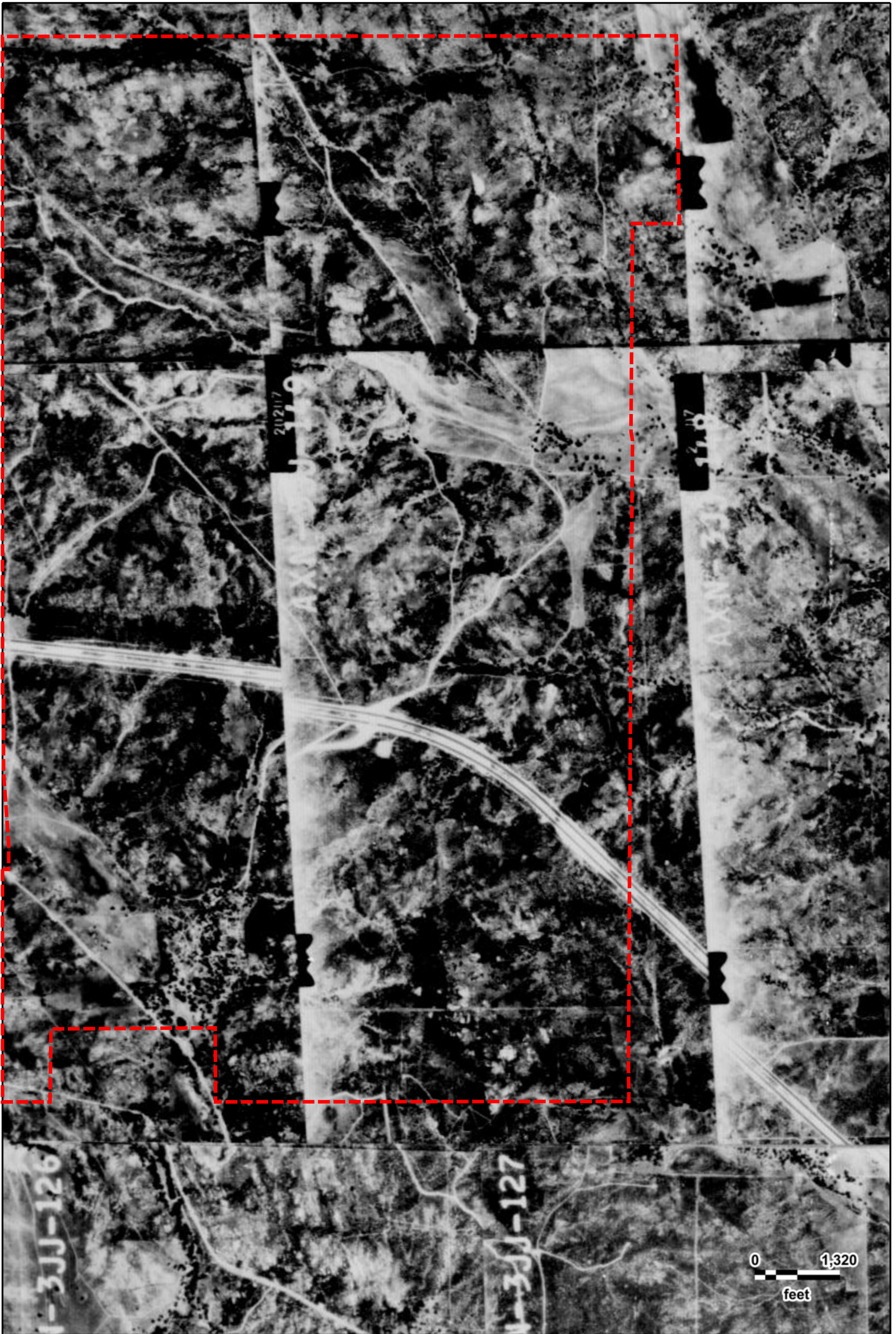
GeoSearch





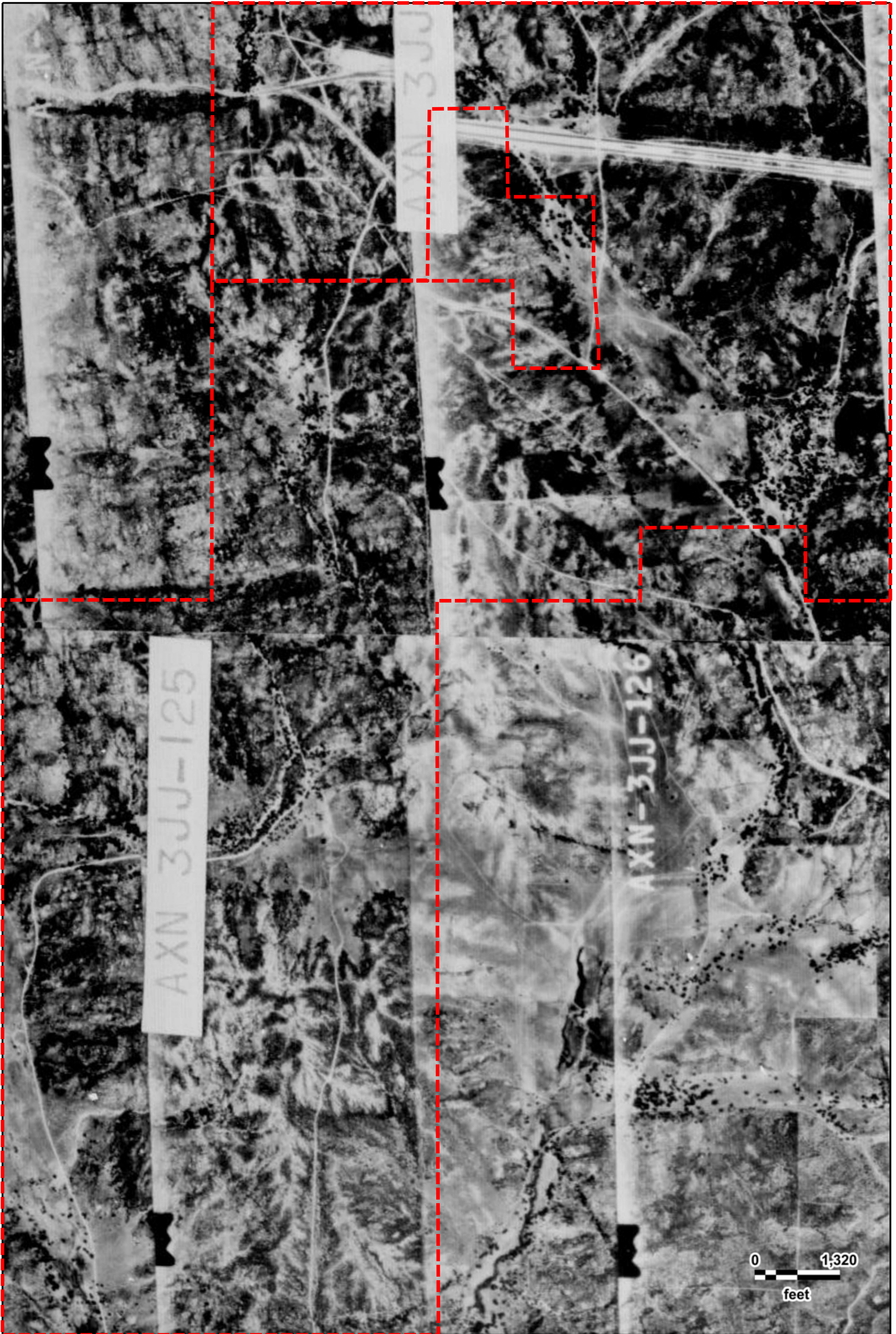






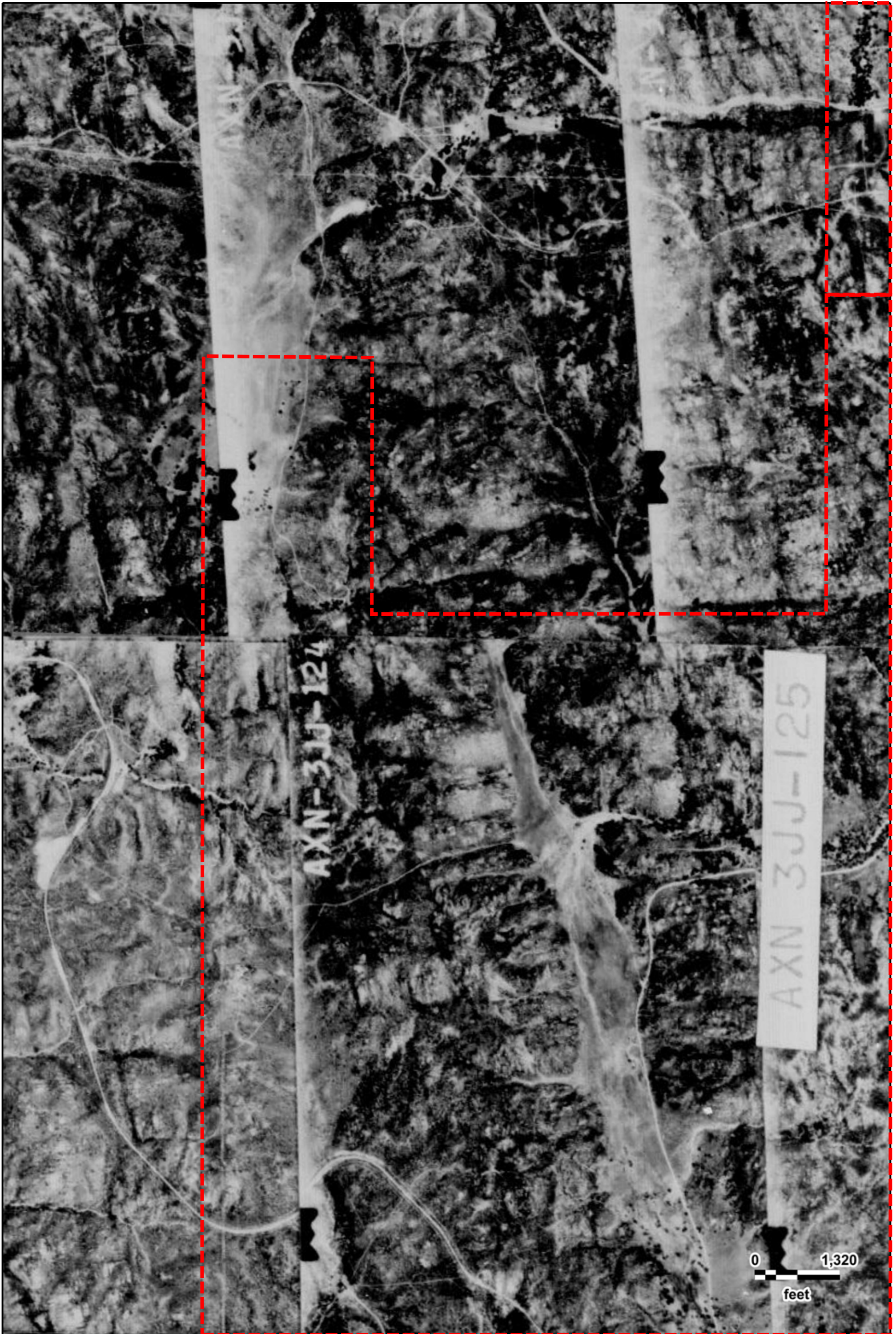
Campo Project  
ASCS  
1968

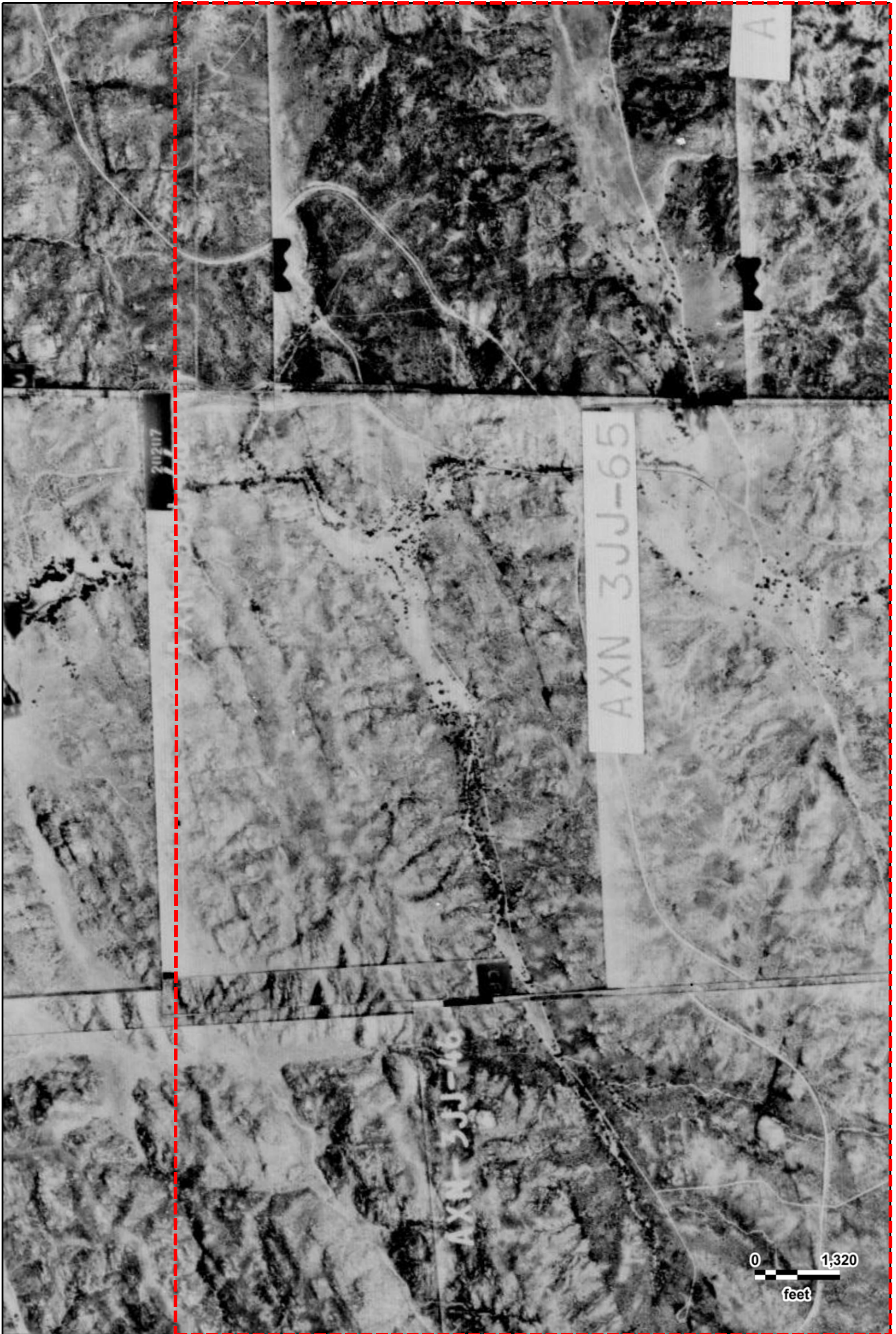
GeoSearch



Campo Project  
ASCS  
1968

GeoSearch





A

202117

AXN 3JJ-65

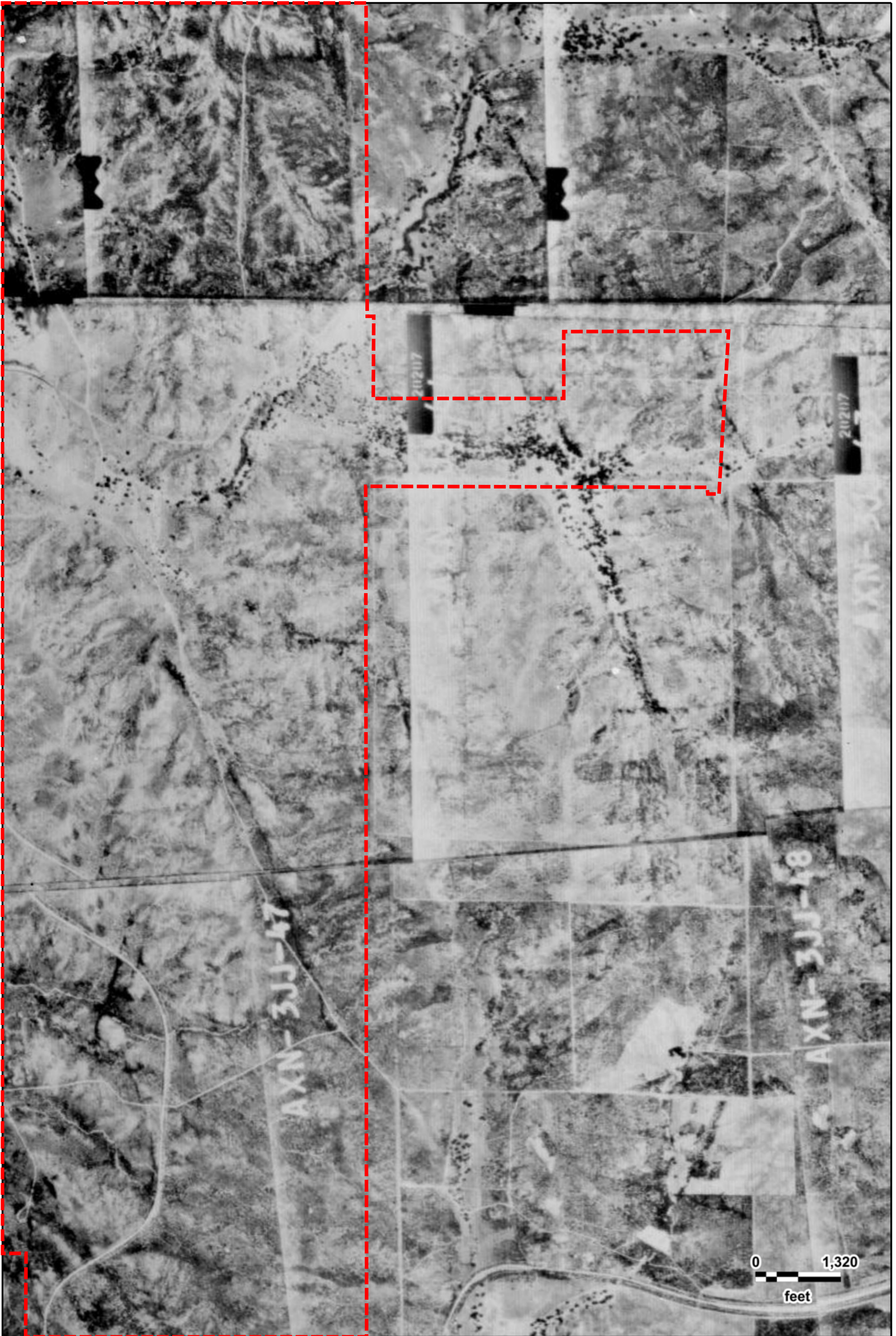
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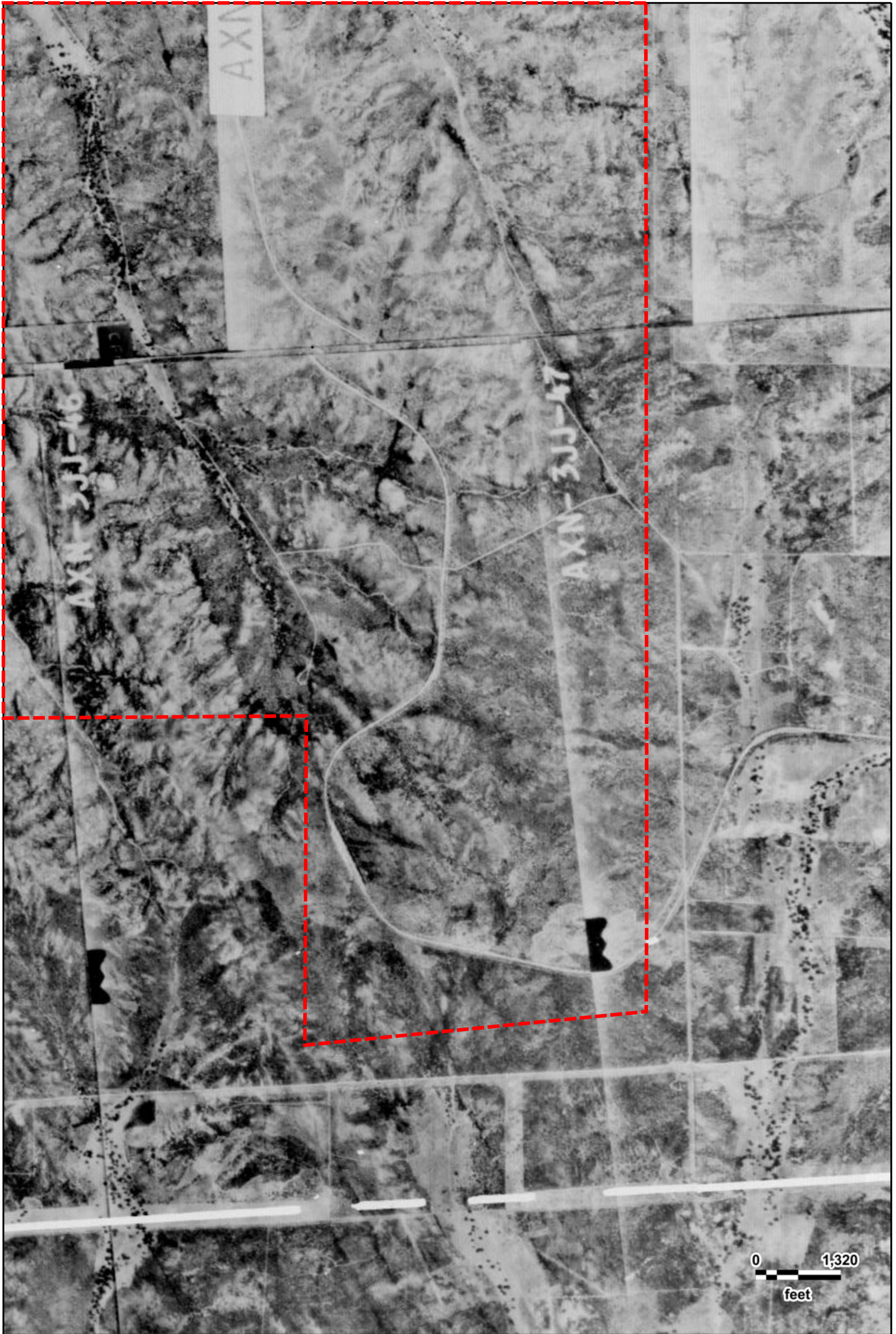
0 1,320  
feet

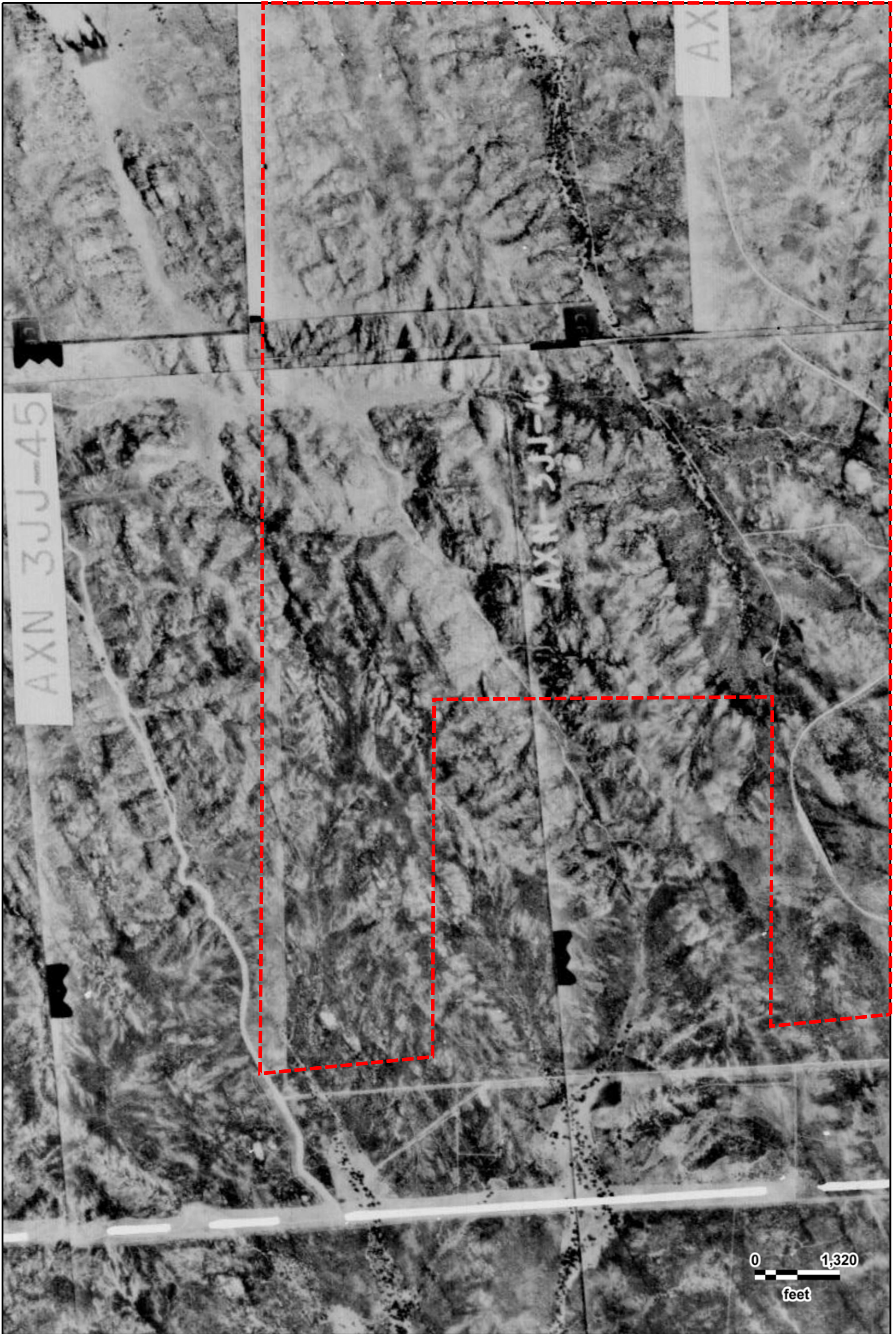


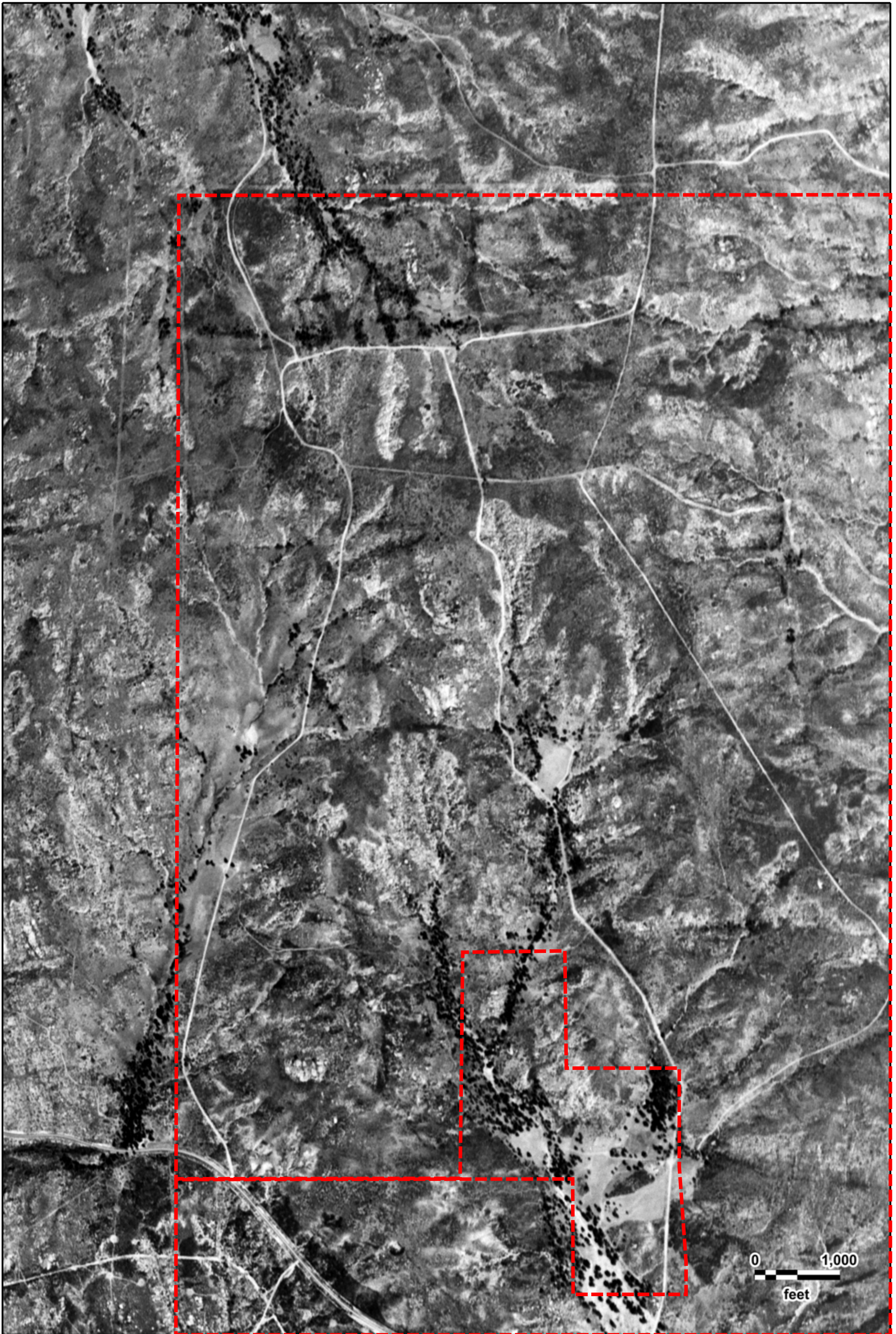
Campo Project  
ASCS  
1968

GeoSearch

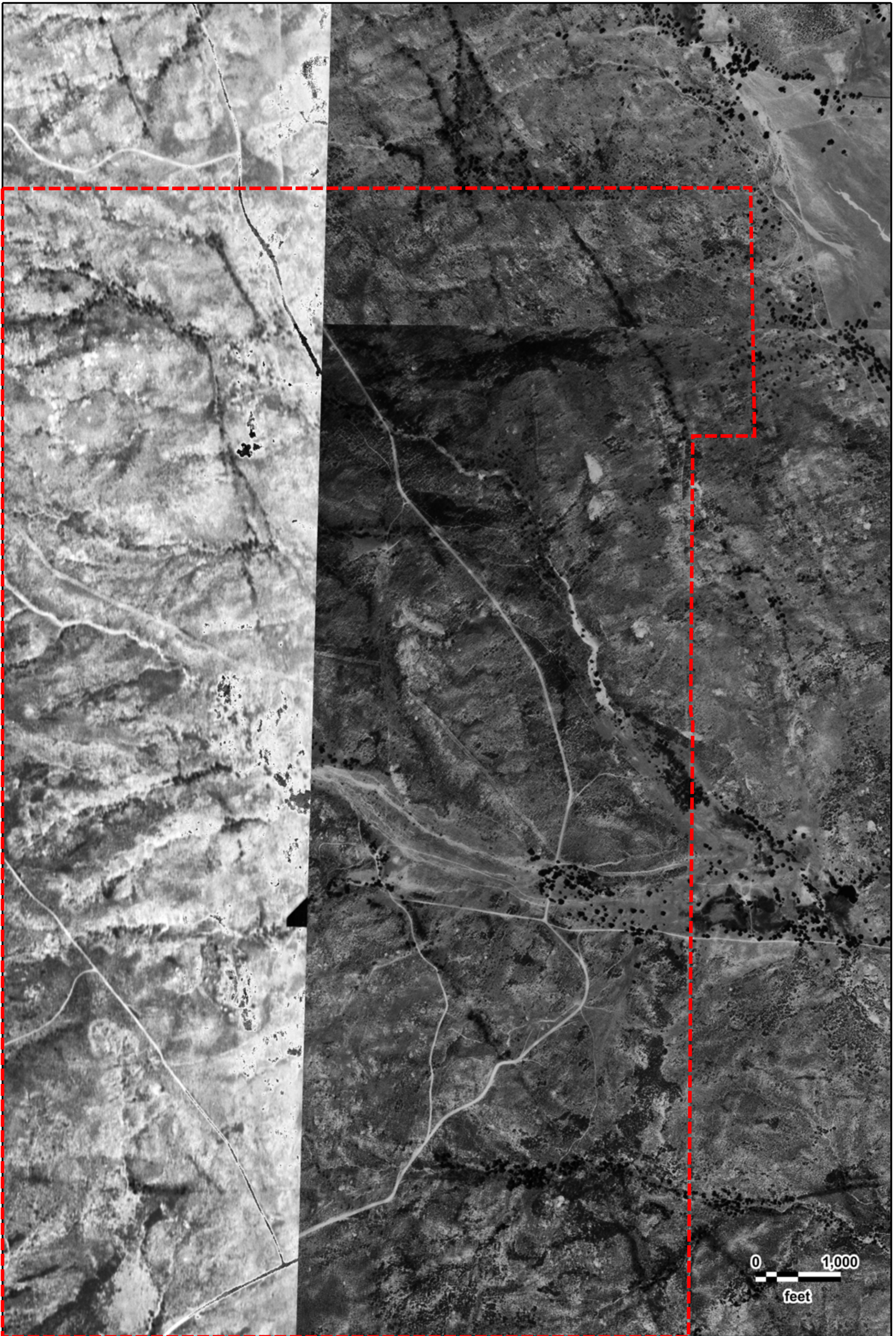












0 1,000  
feet



Campo Project  
AMS  
10/13/1956

GeoSearch

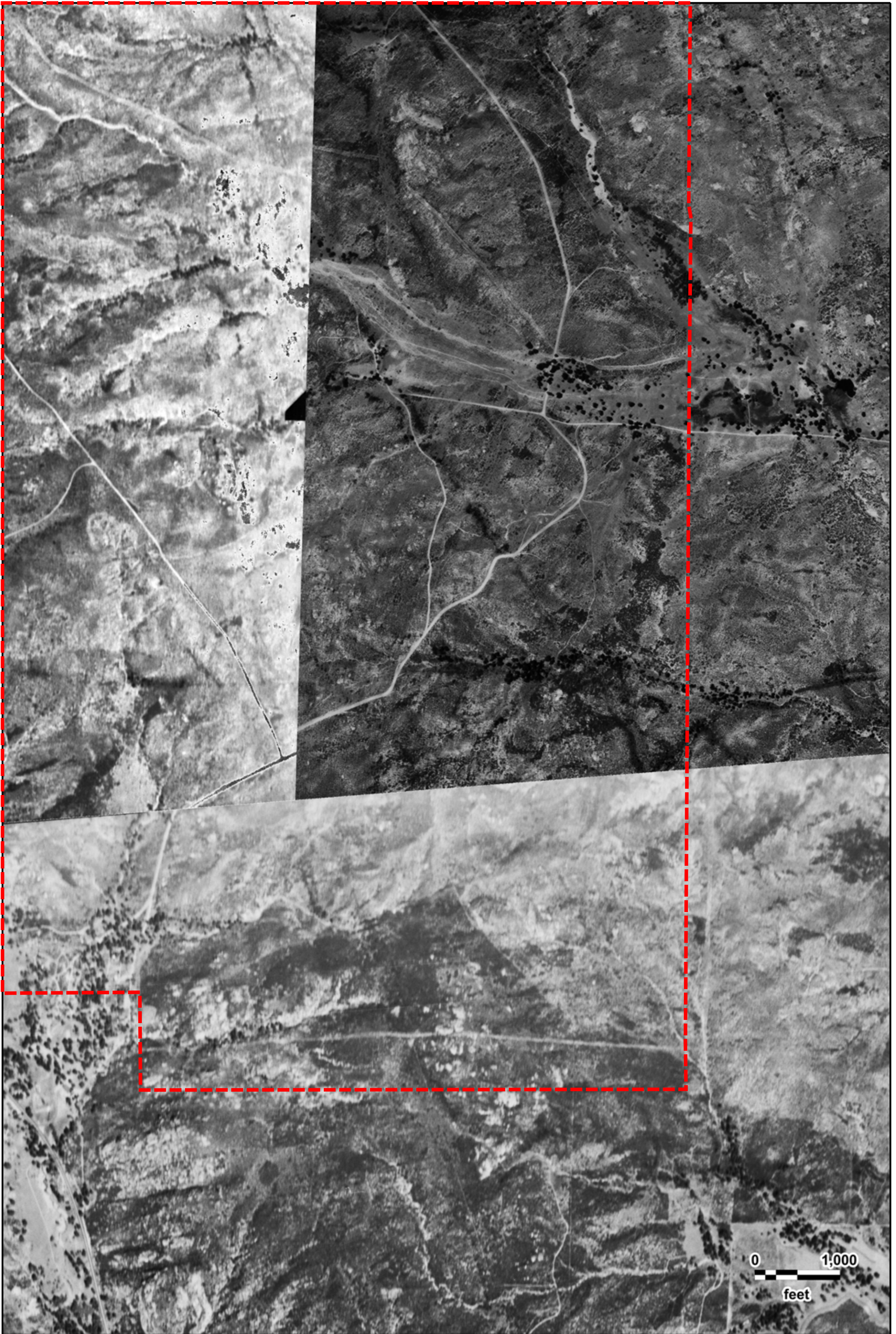
0005 [REDACTED] 2079 29 JUNE  
6" 21,600 NC 33°00' N 115°

0 1,000  
feet



Campo Project  
USNAVY  
06/29/1955

GeoSearch

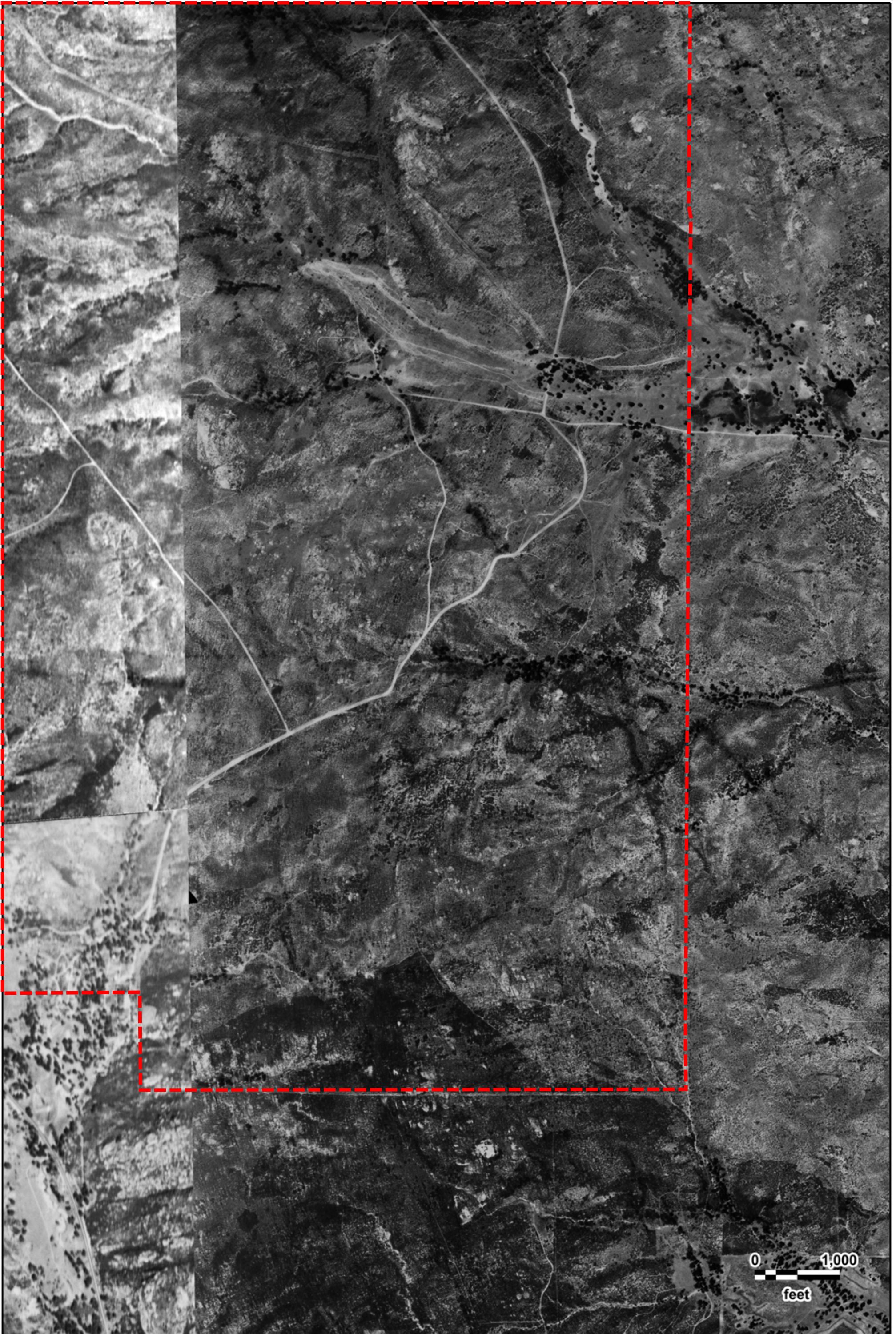


0 1,000  
feet



Campo Project  
AMS  
10/27/1956

GeoSearch



0 1,000  
feet



Campo Project  
USNAVY  
06/28/1955

GeoSearch

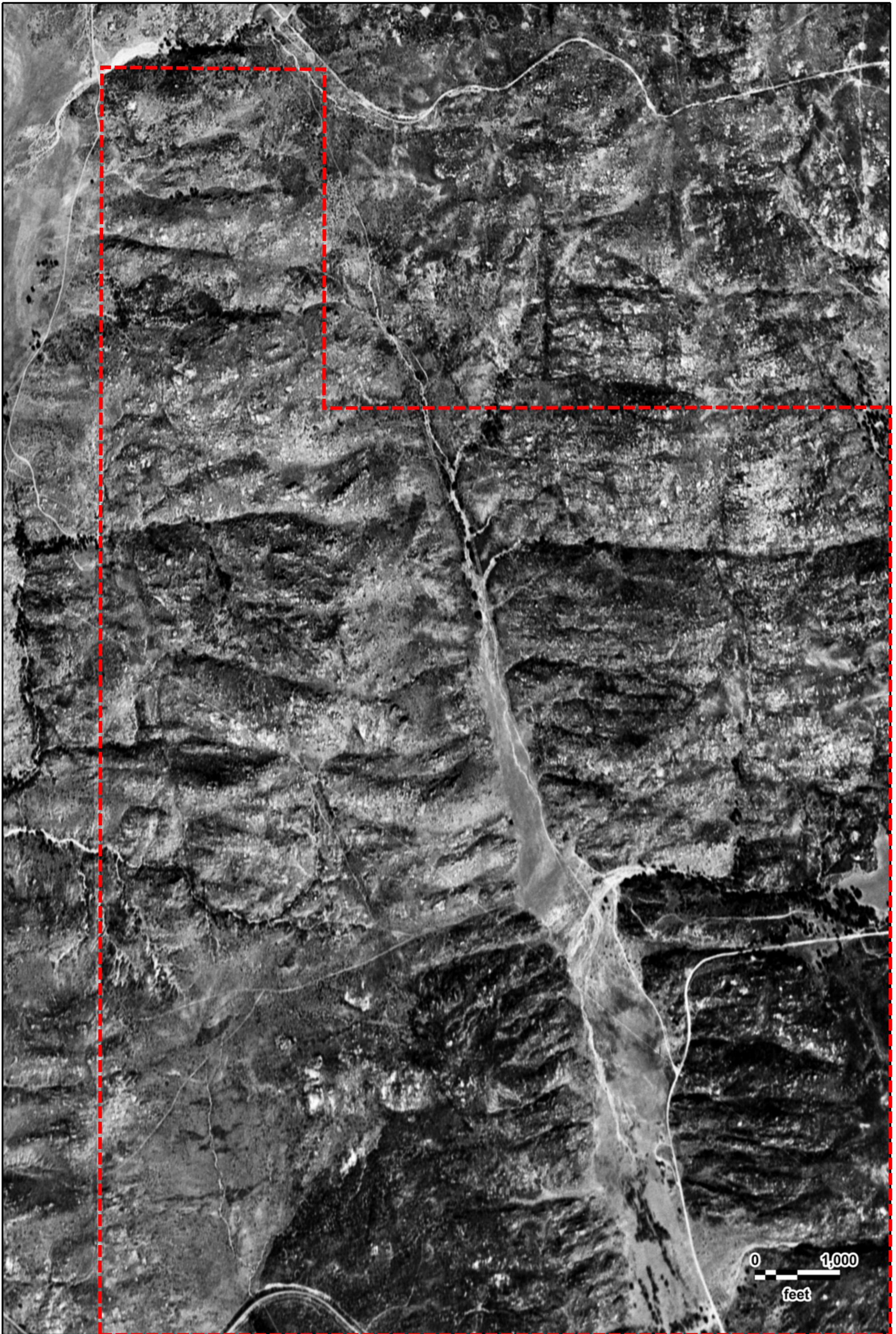


0 1,000  
feet



Campo Project  
AMS  
10/13/1956

GeoSearch



Campo Project  
AMS  
10/13/1956

GeoSearch



0 1,000  
feet



Campo Project  
AMS  
10/27/1956

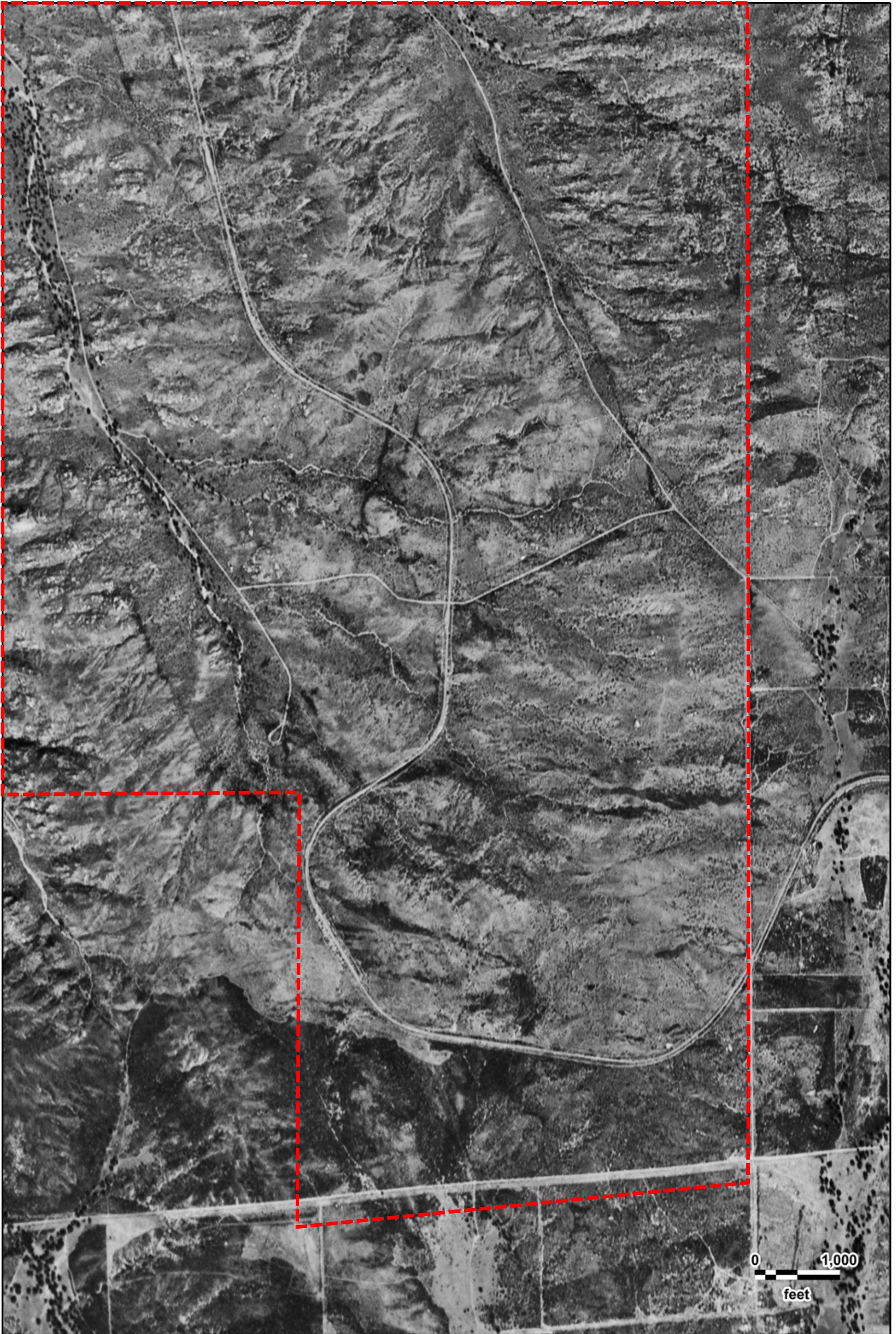
GeoSearch



Campo Project  
AMS  
10/27/1956

GeoSearch





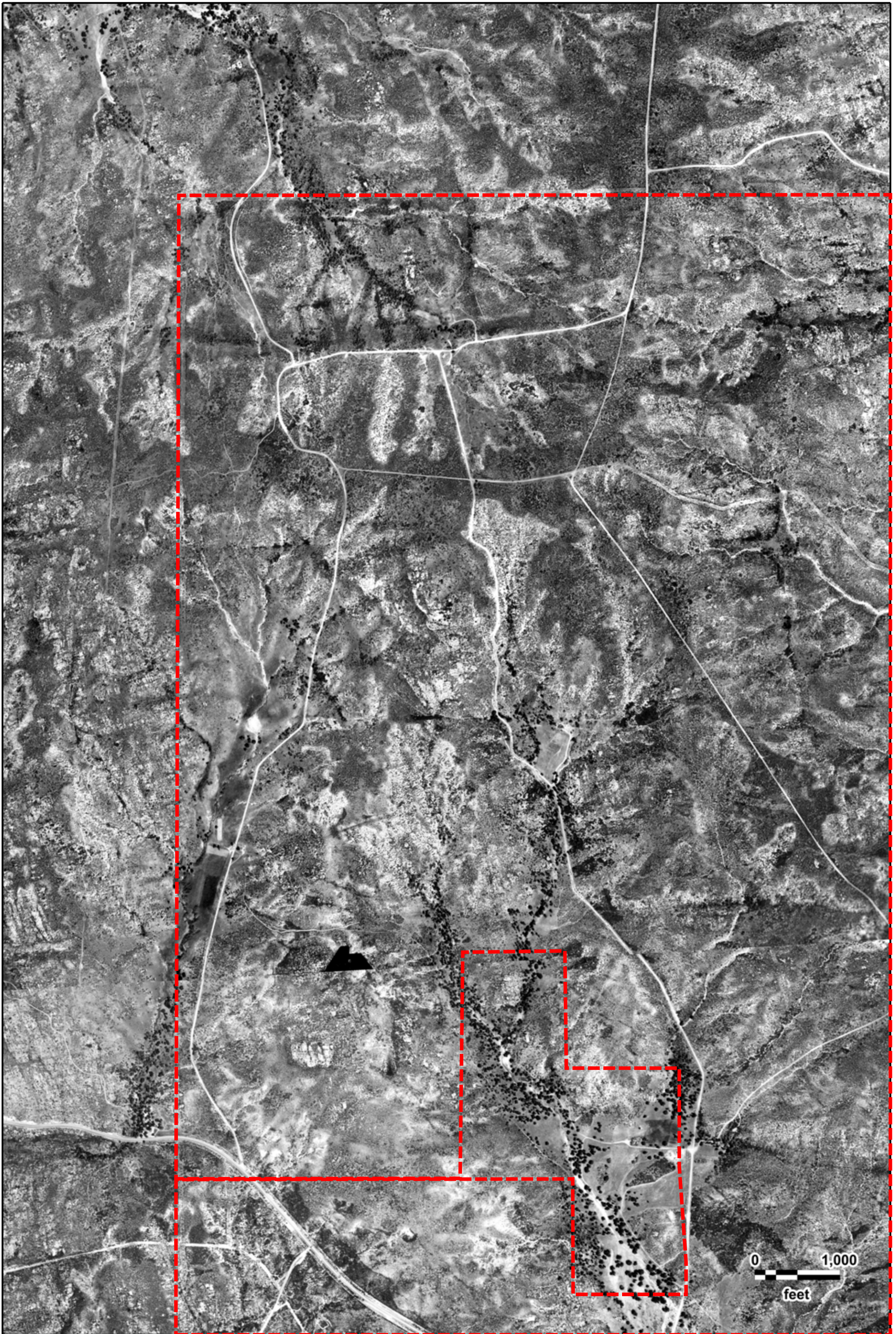
Campo Project  
AMS  
10/27/1956

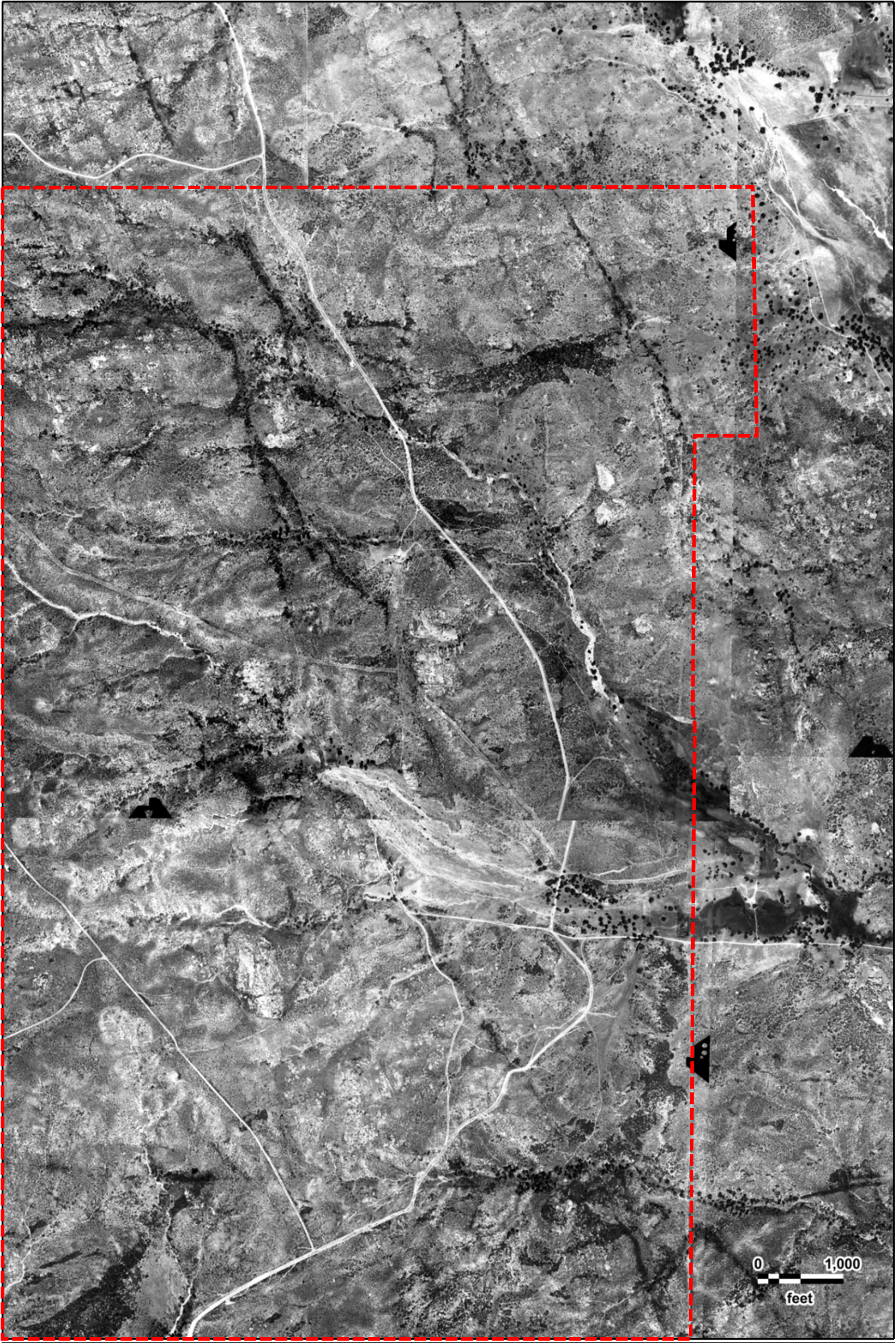
GeoSearch

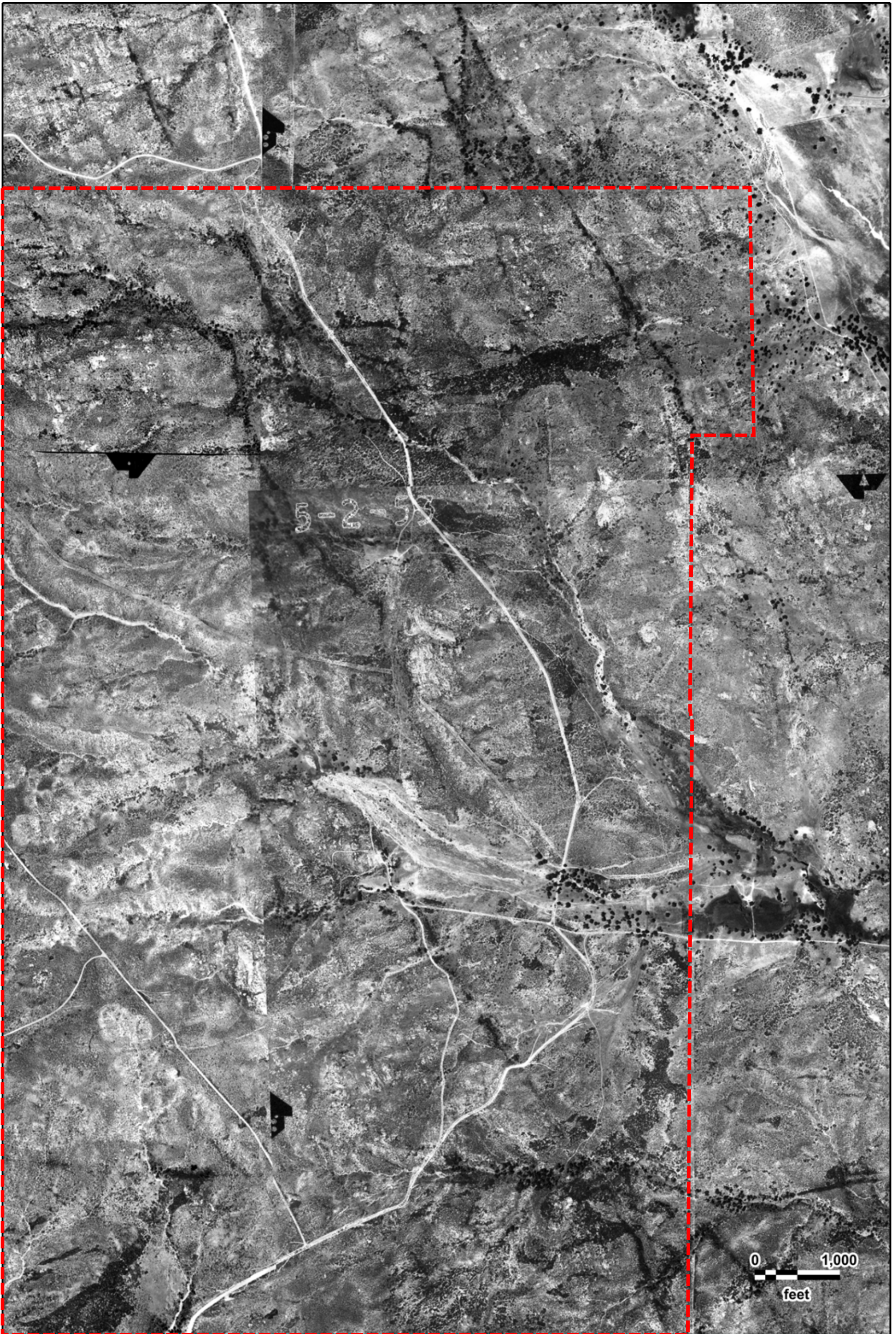


Campo Project  
AMS  
10/27/1956

GeoSearch





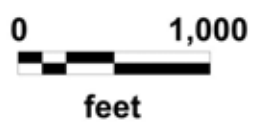
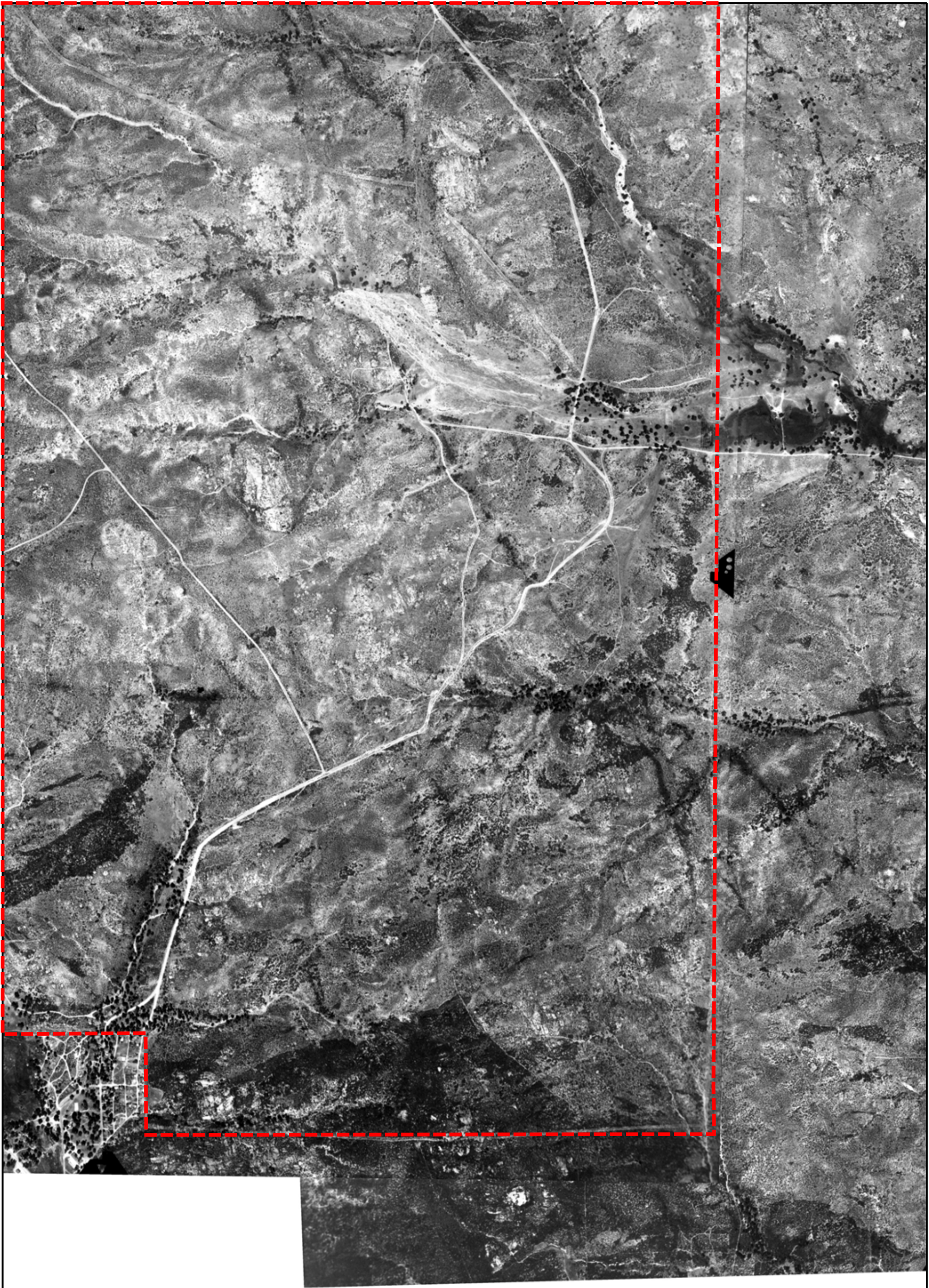


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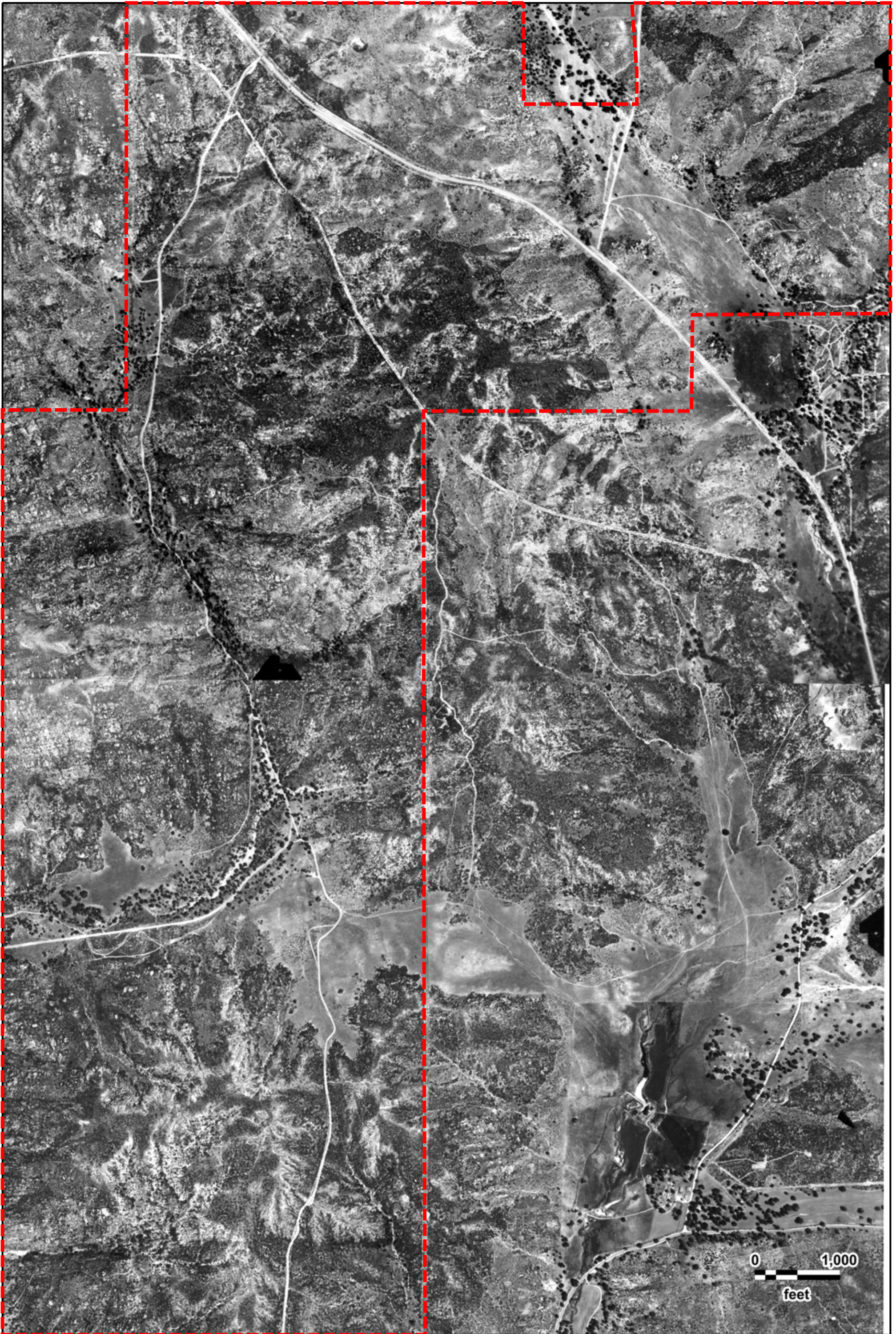
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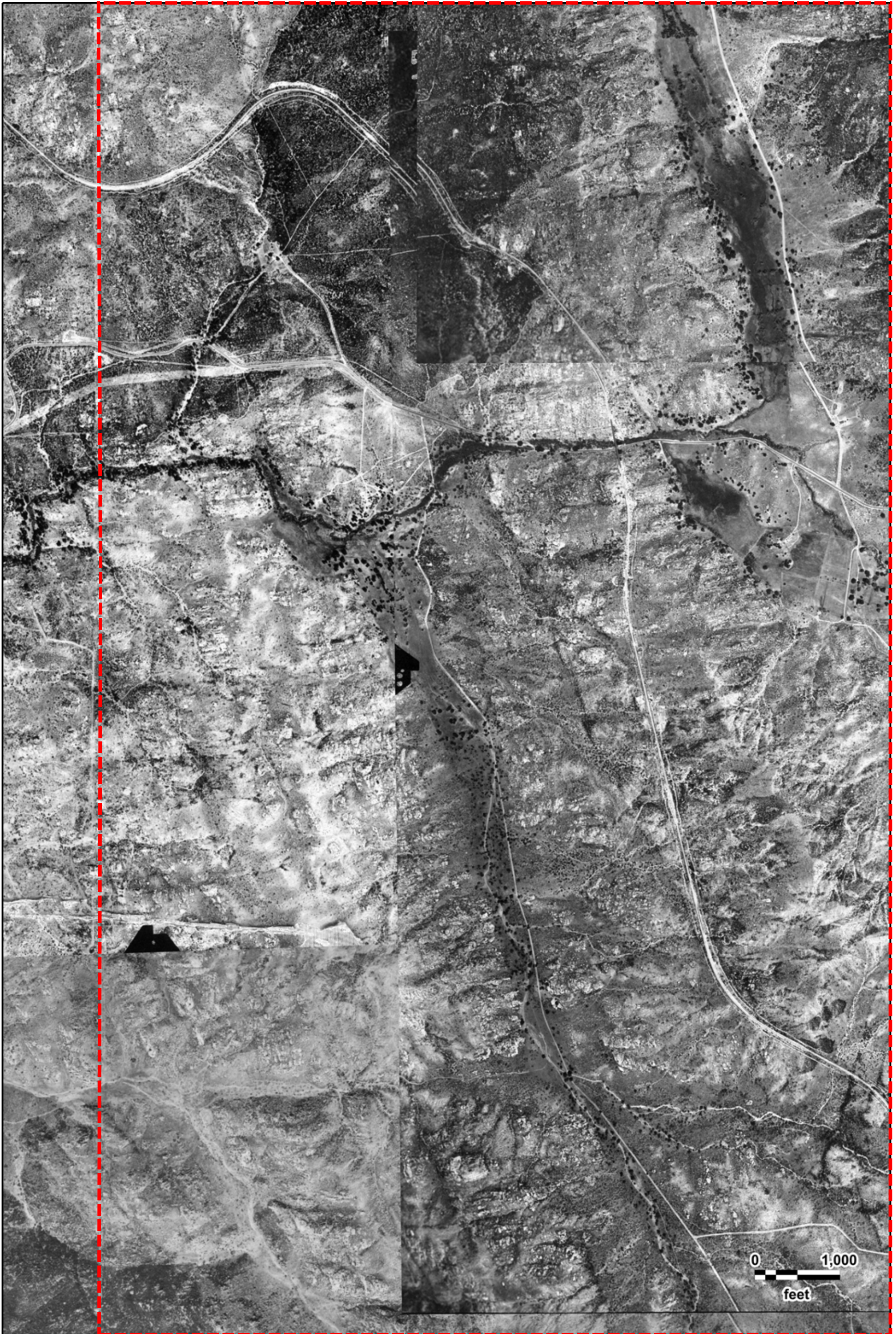
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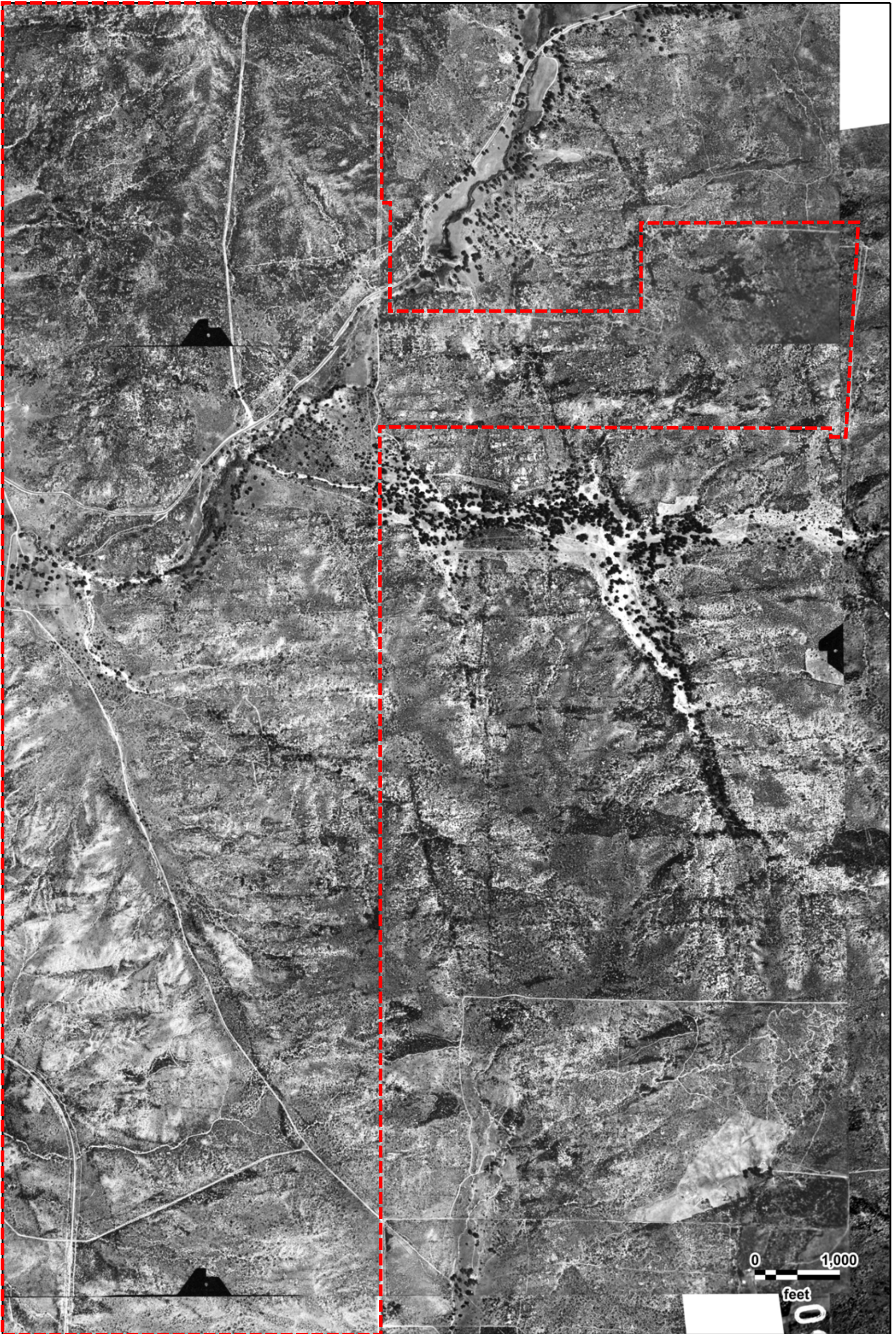


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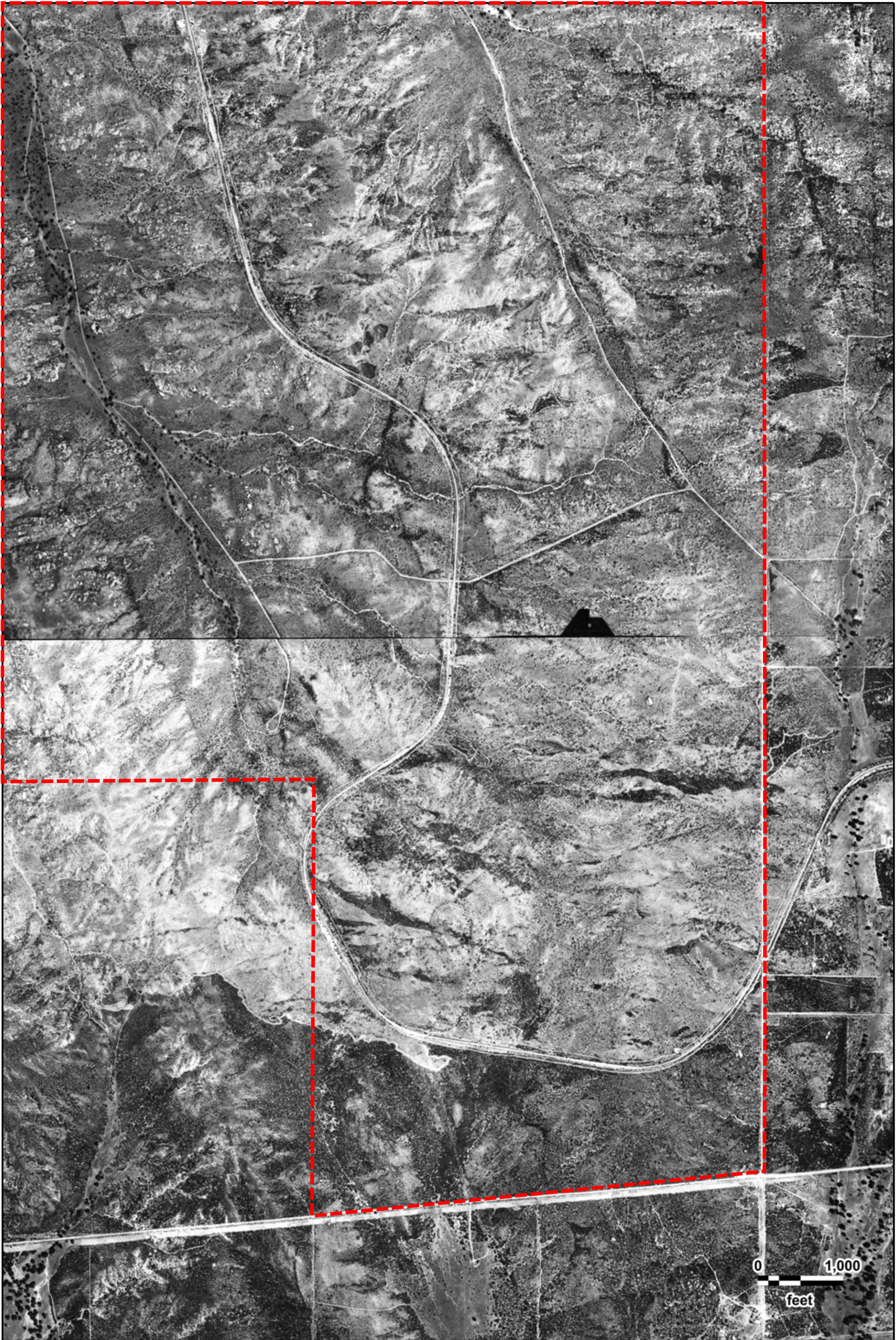


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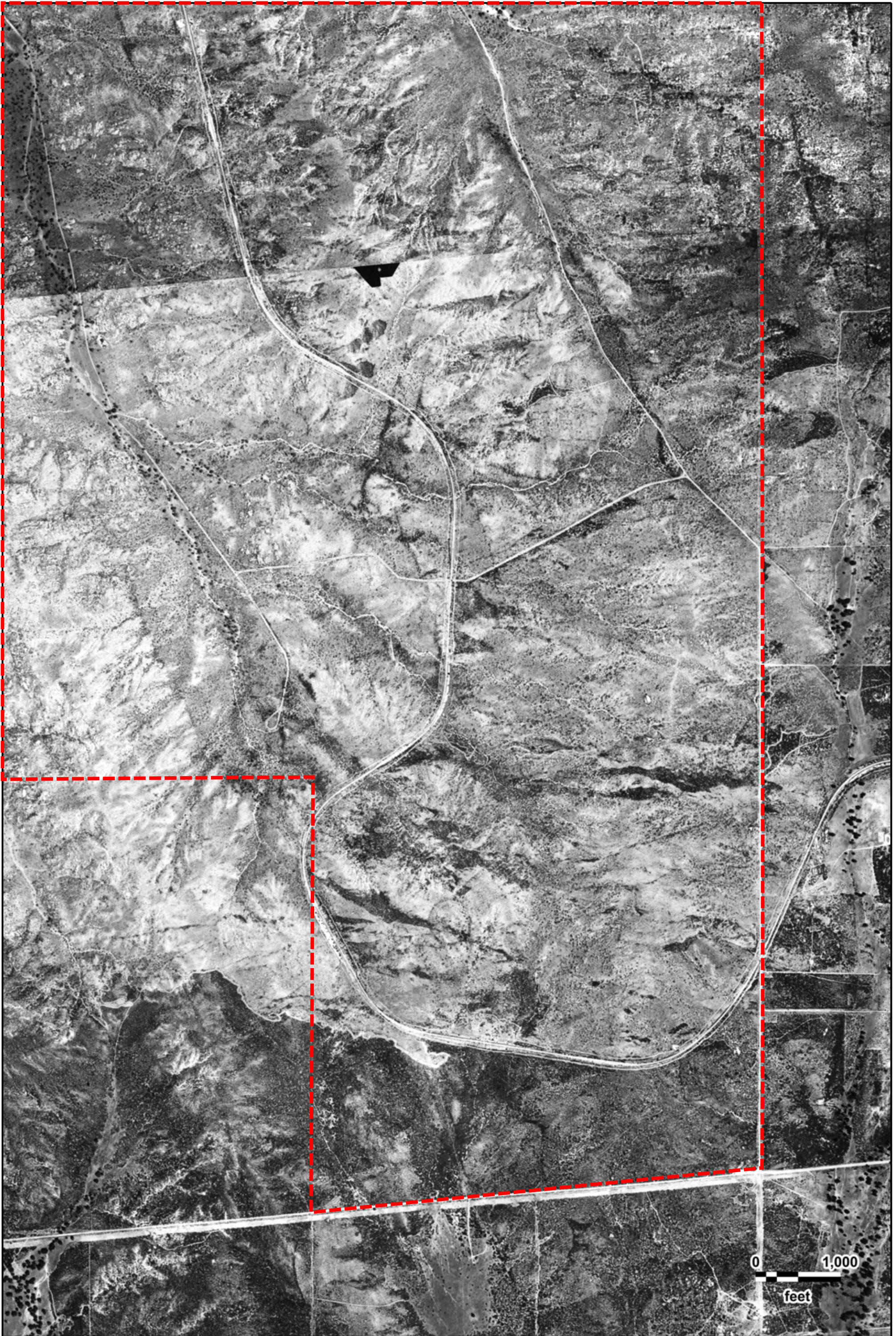
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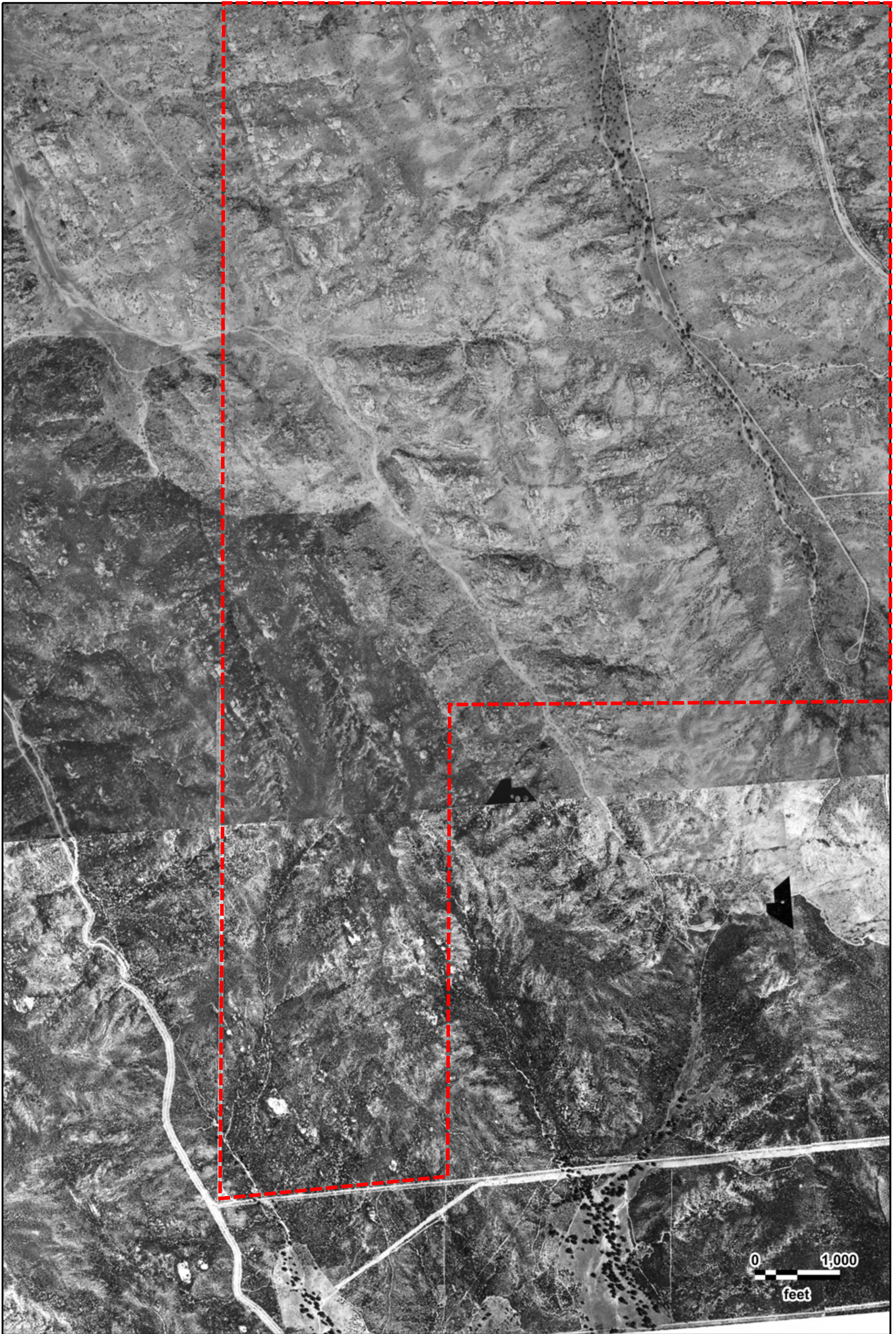


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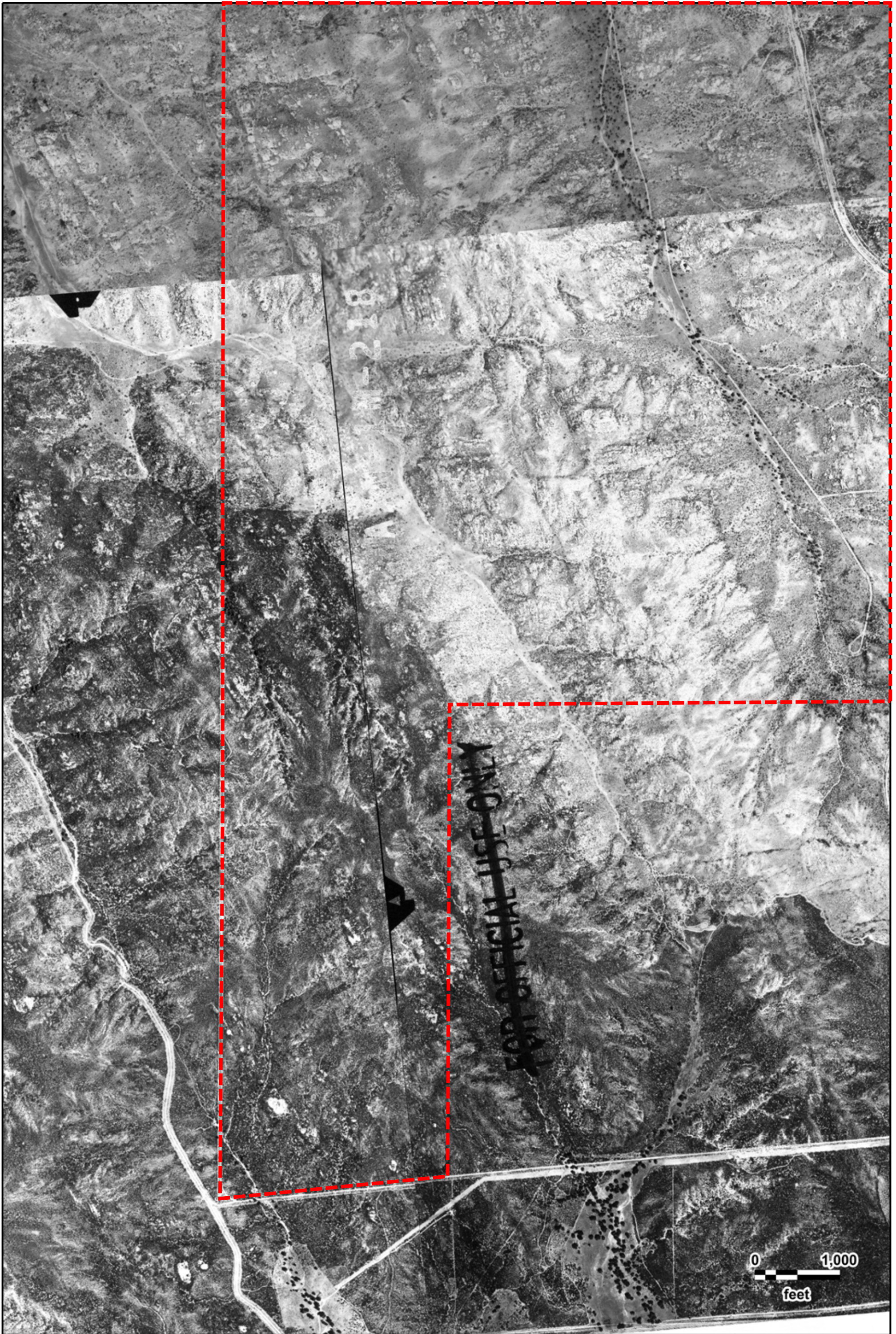
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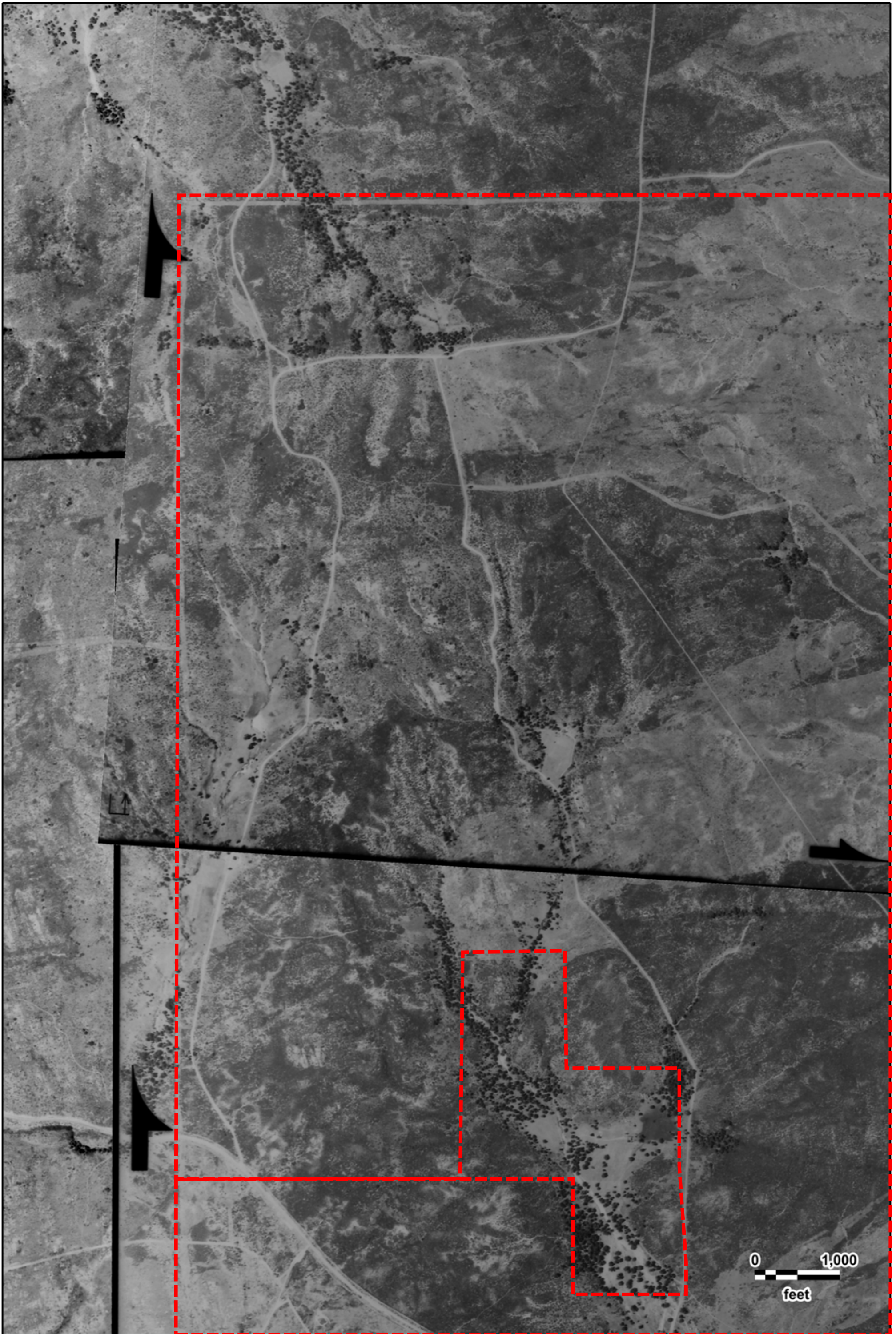
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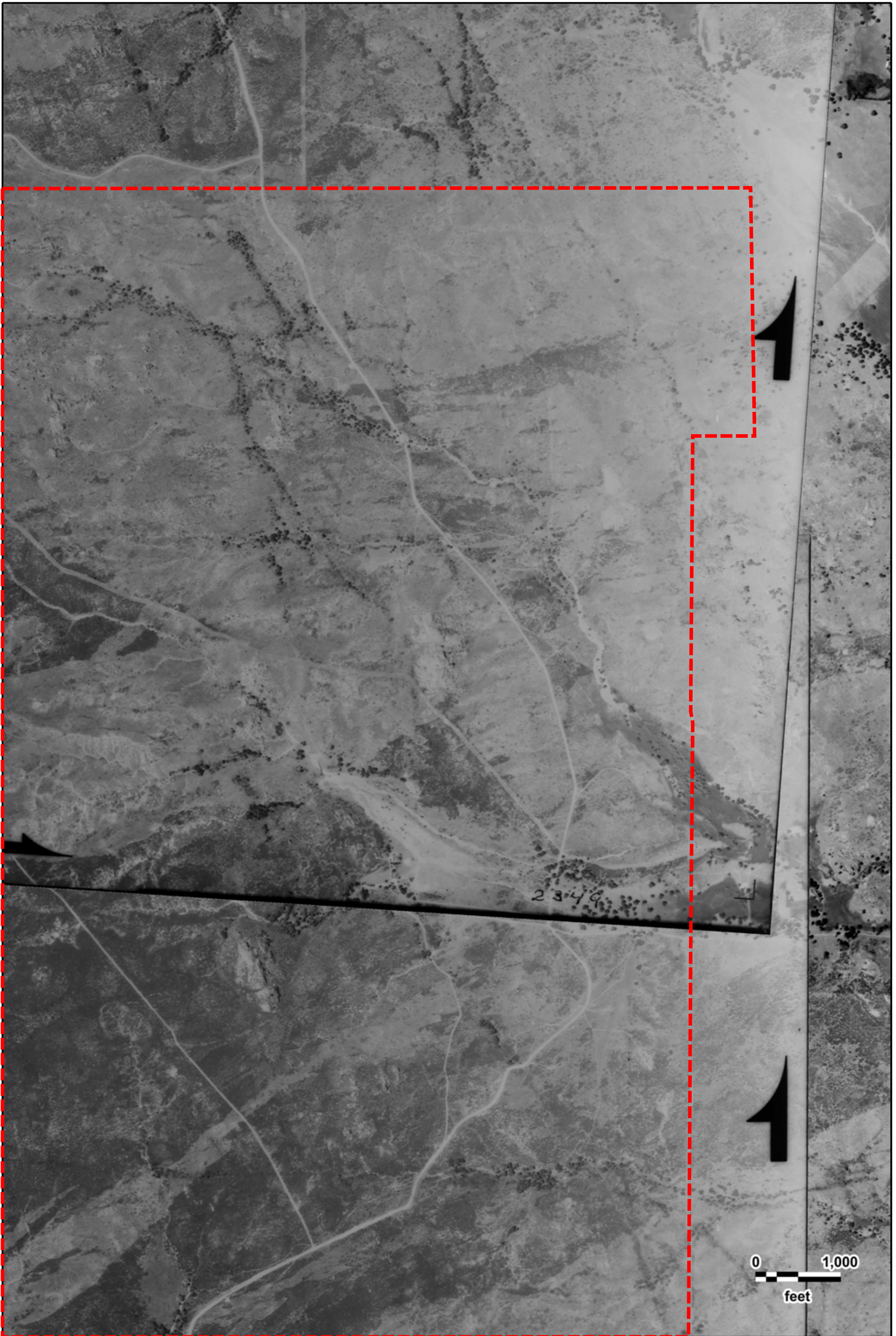
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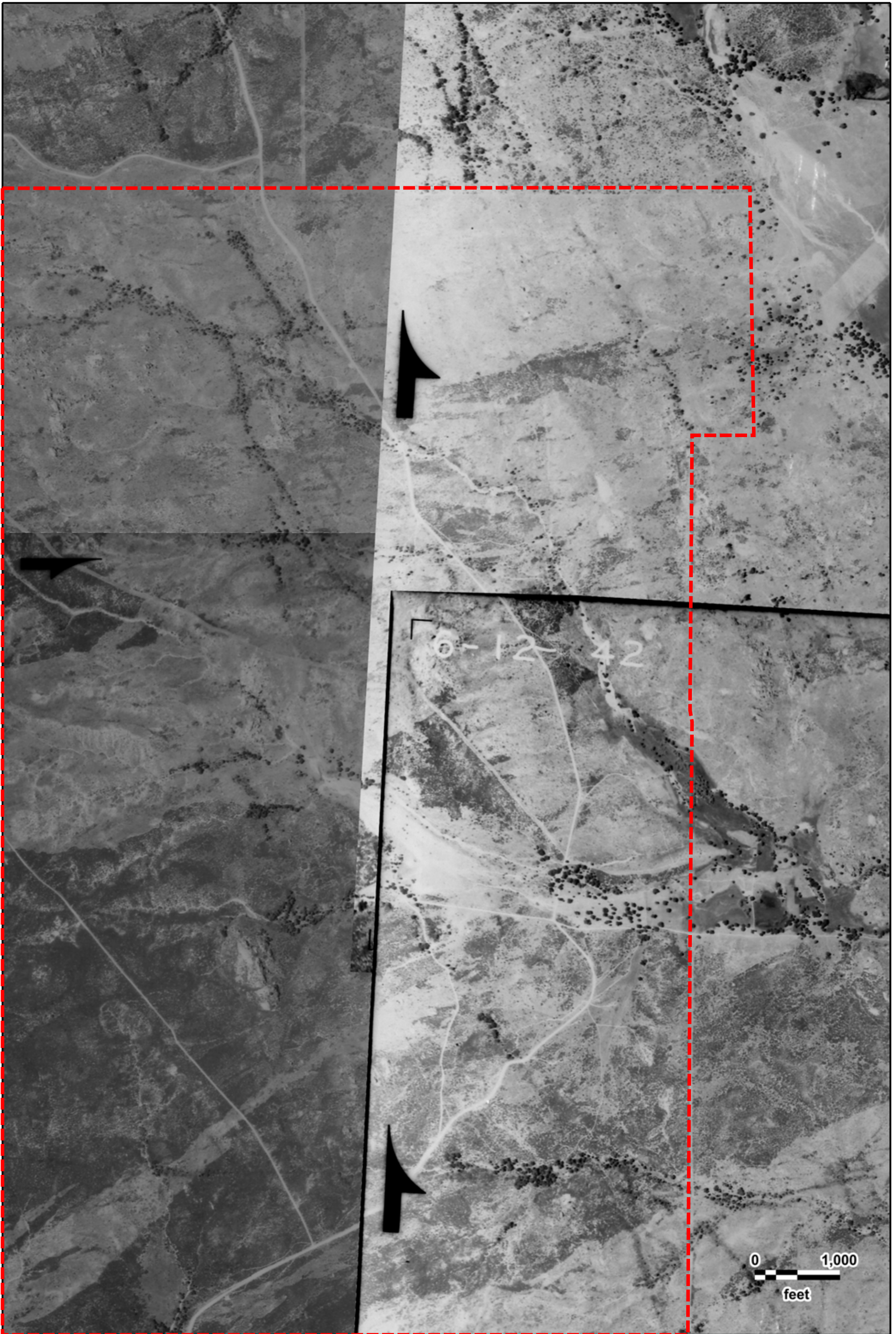
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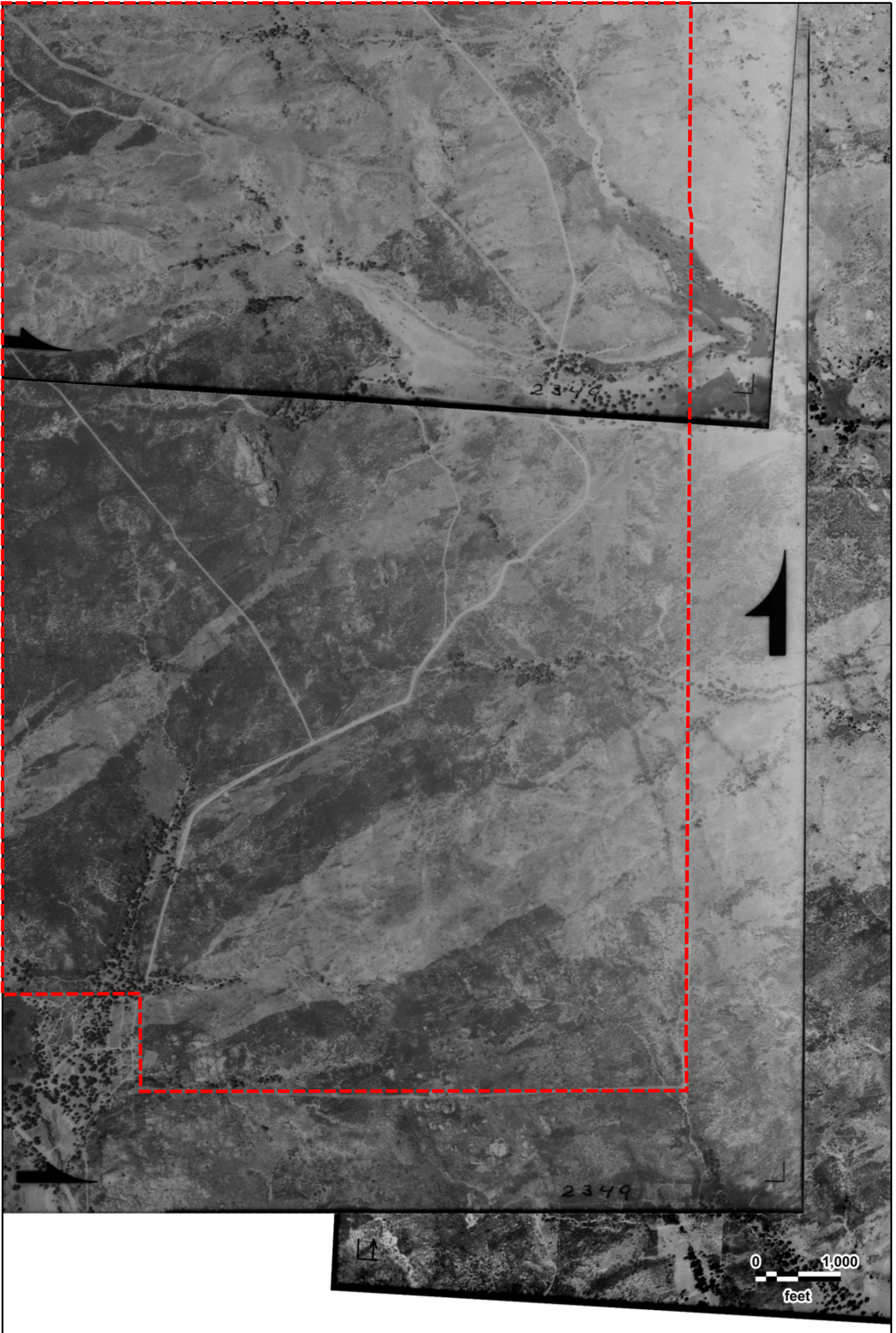
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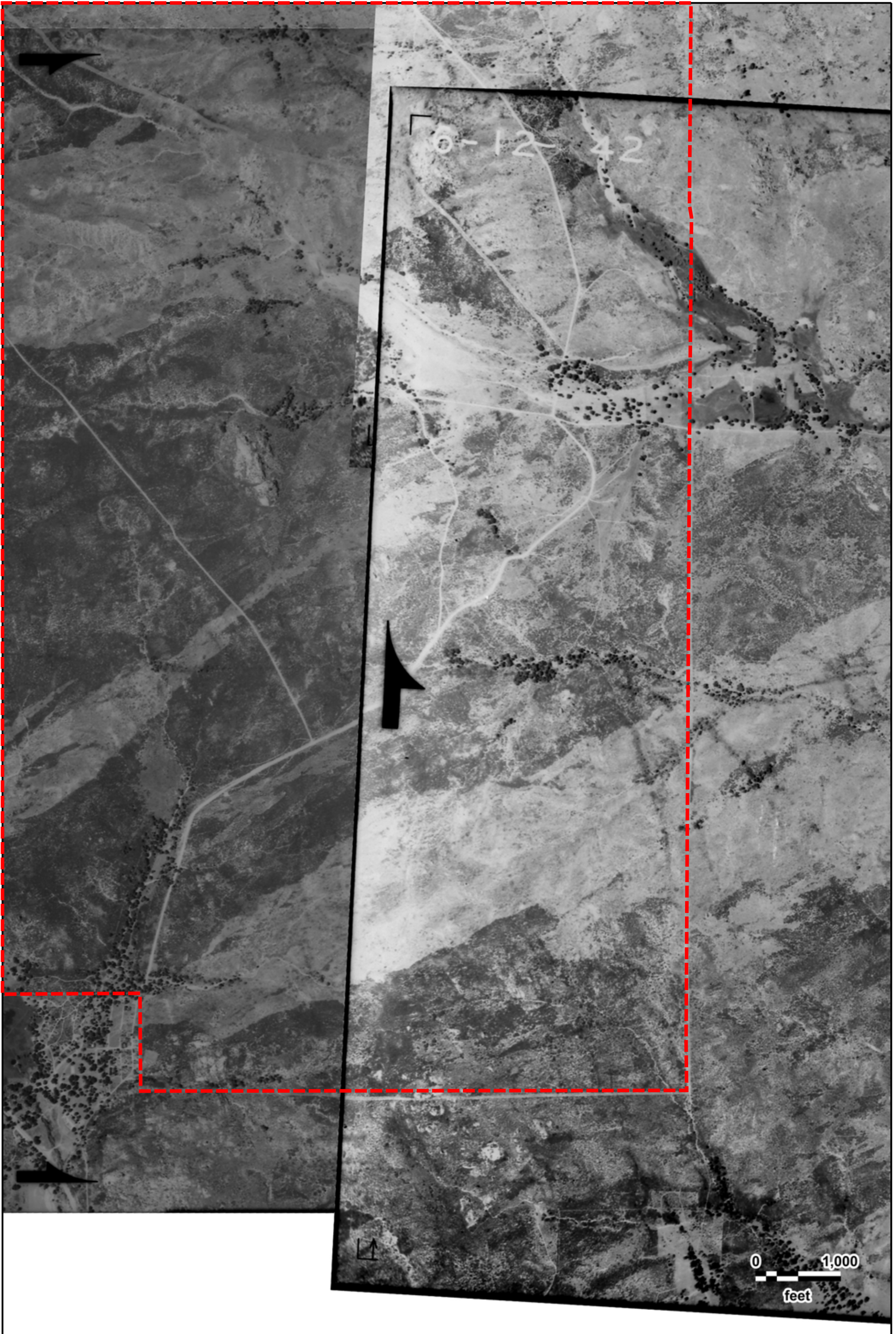


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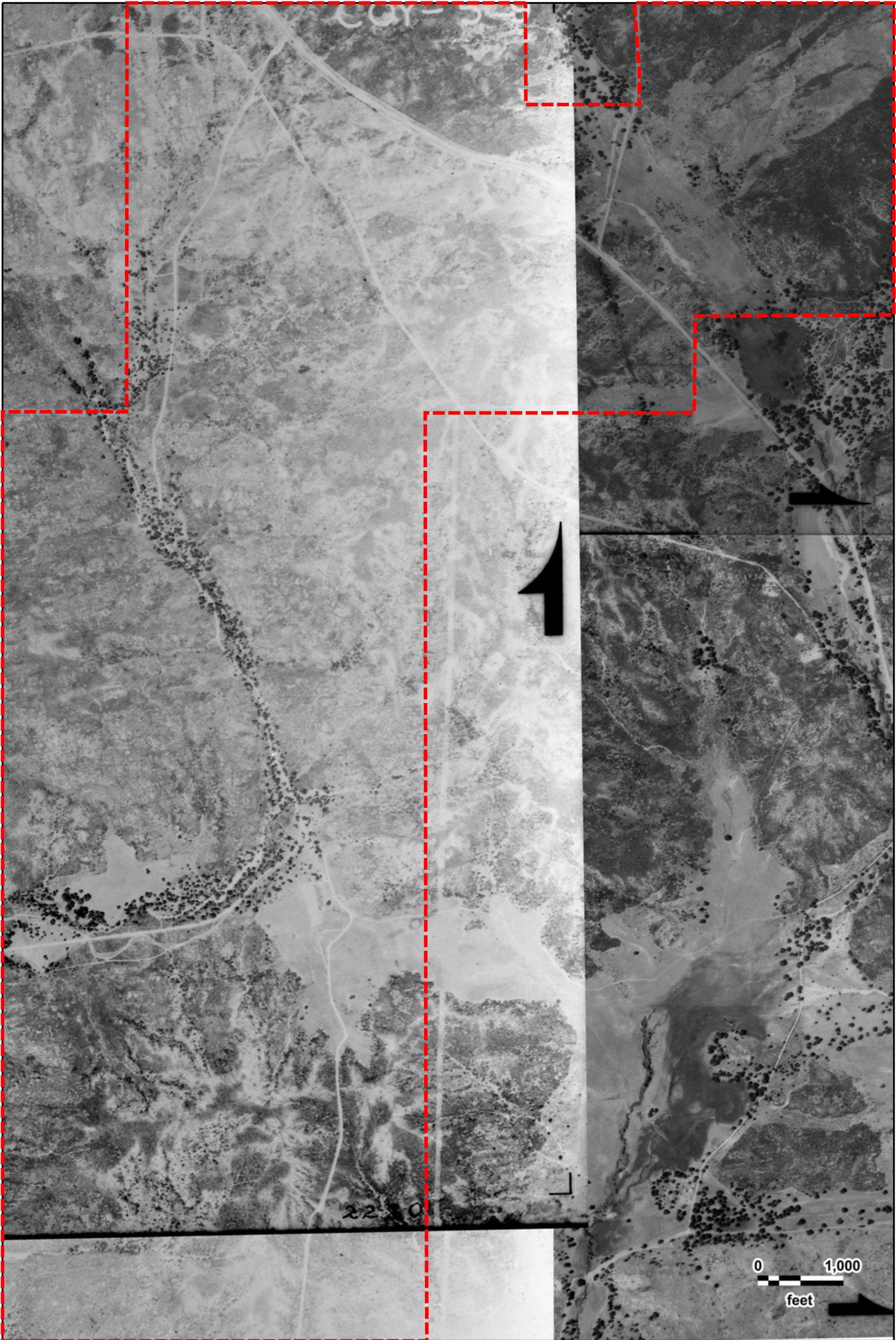




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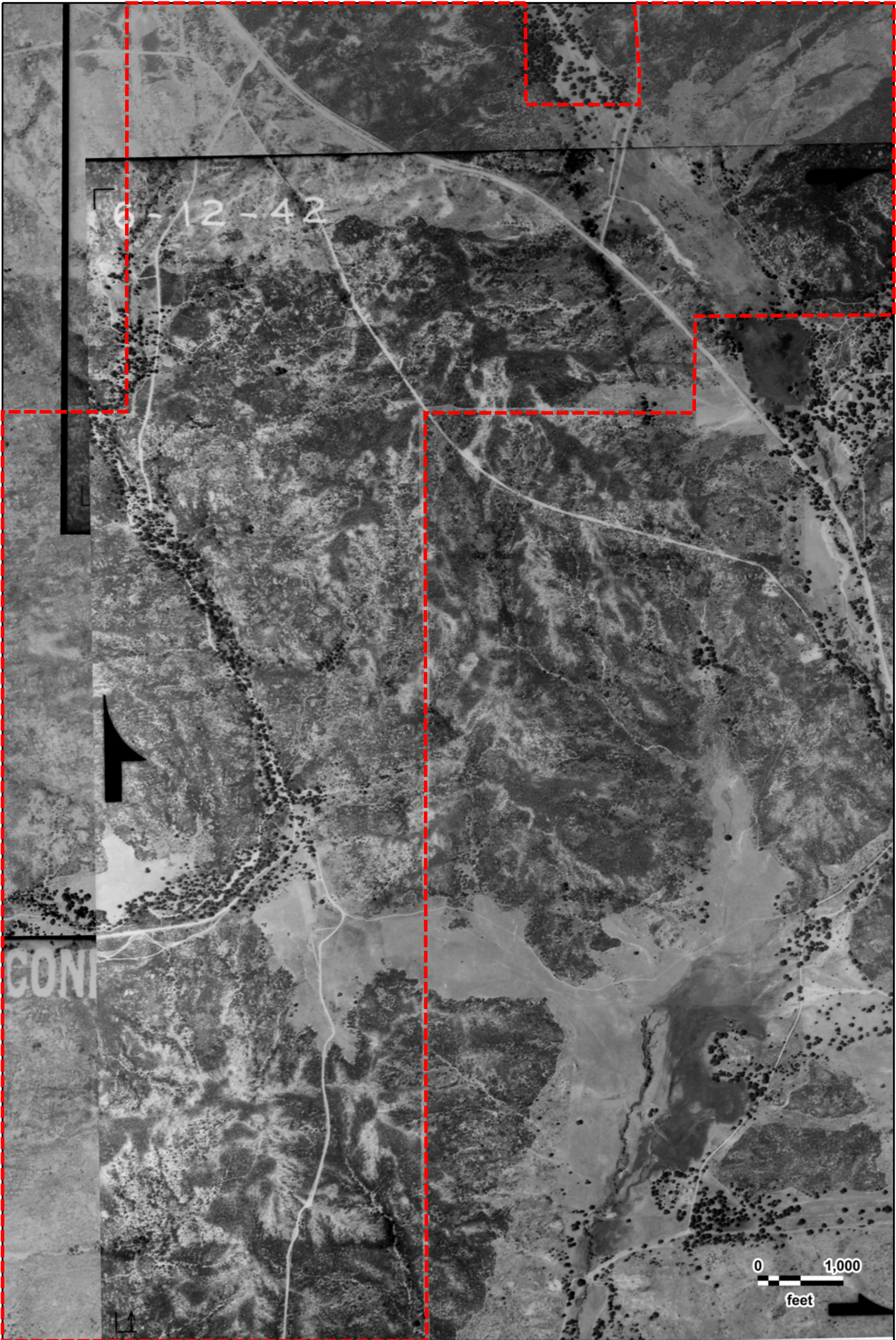
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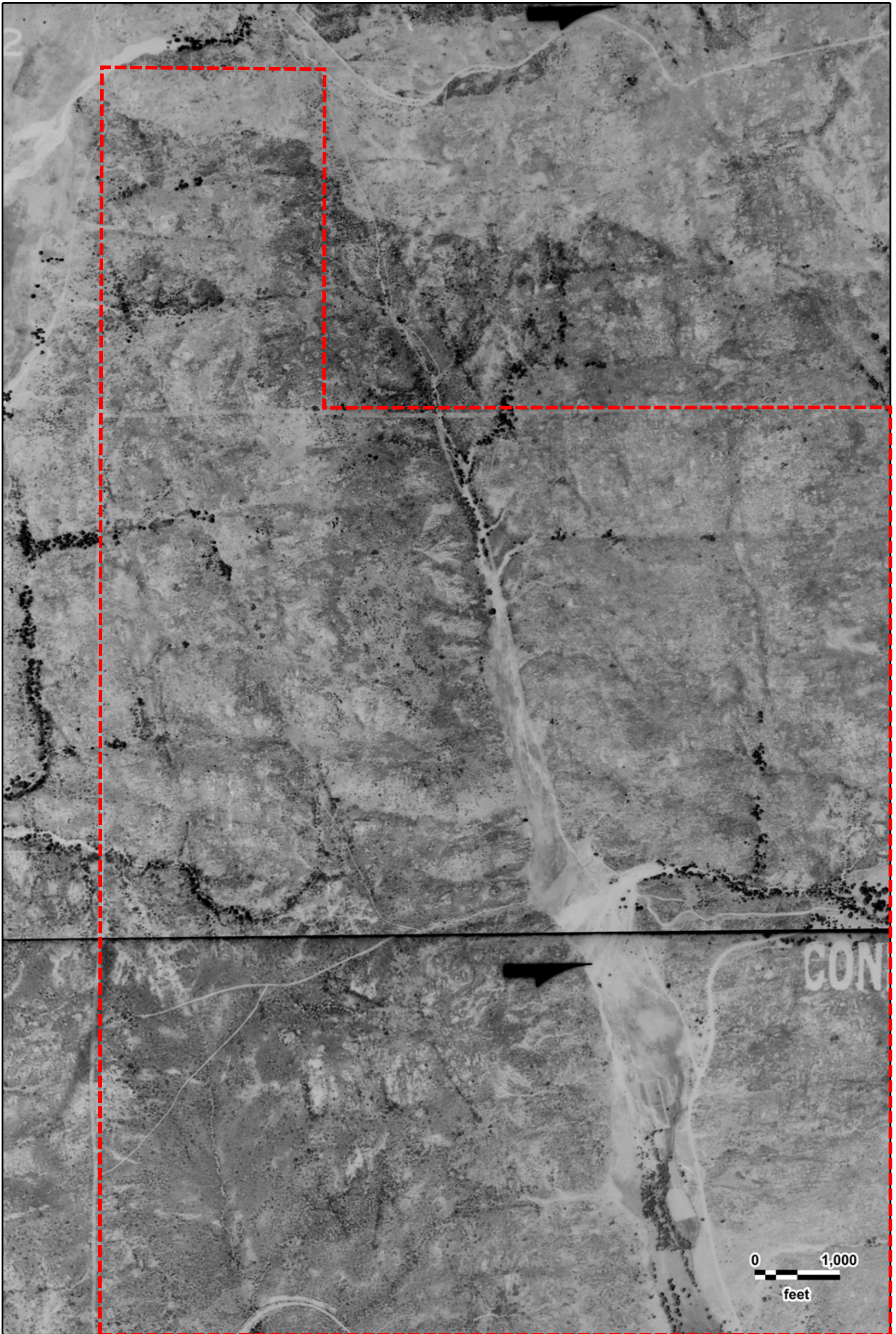


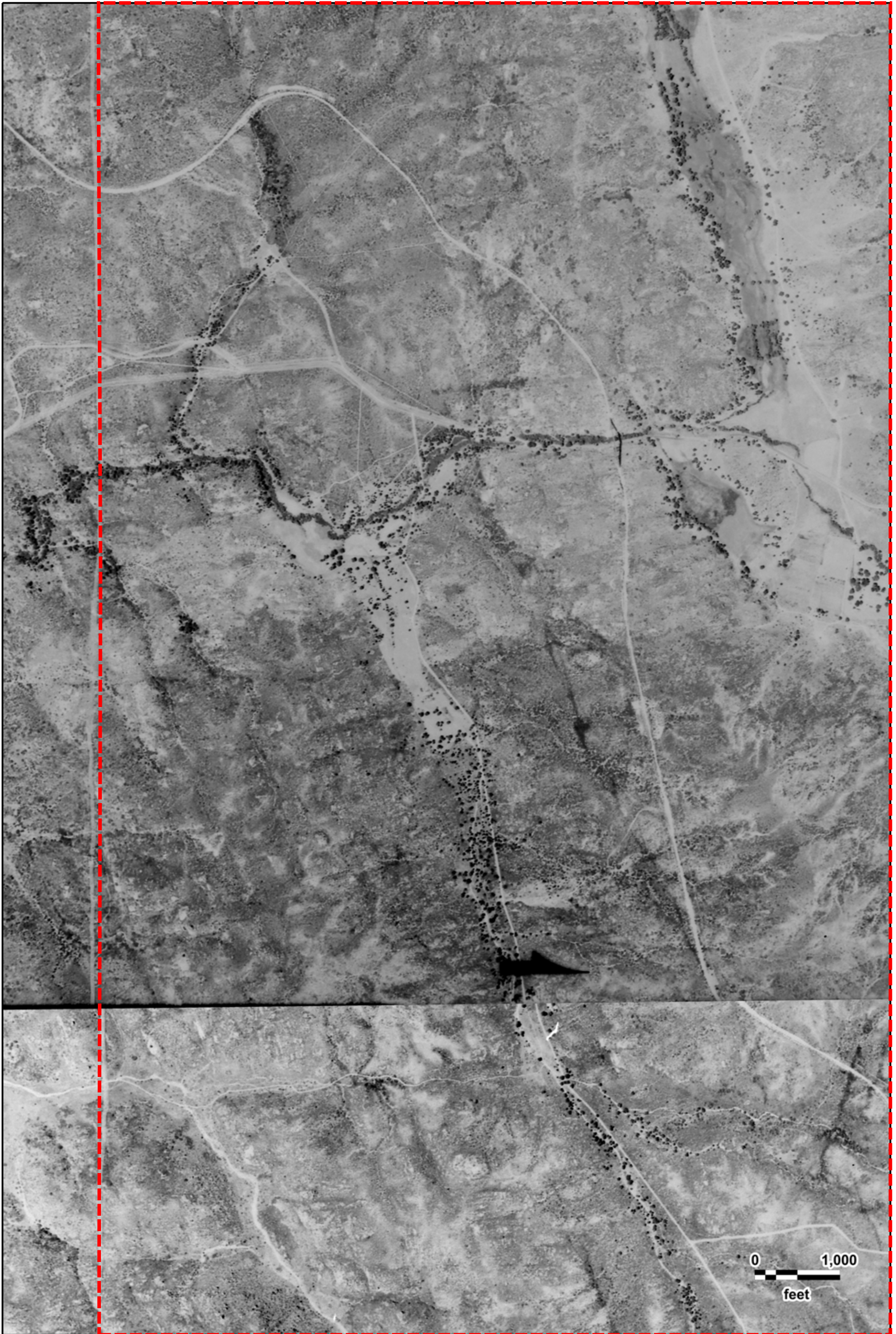
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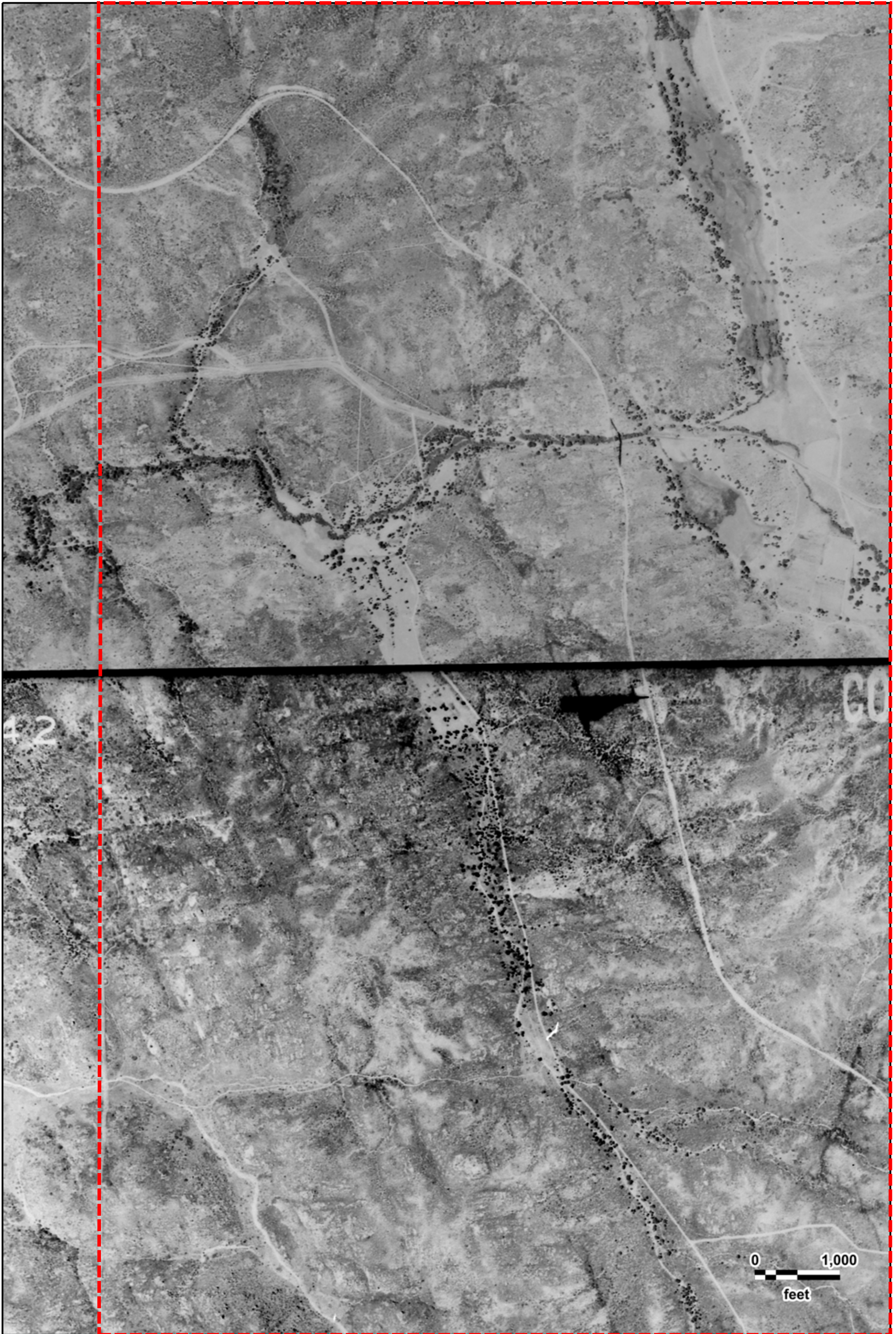
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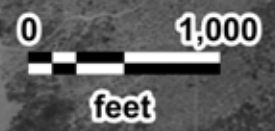
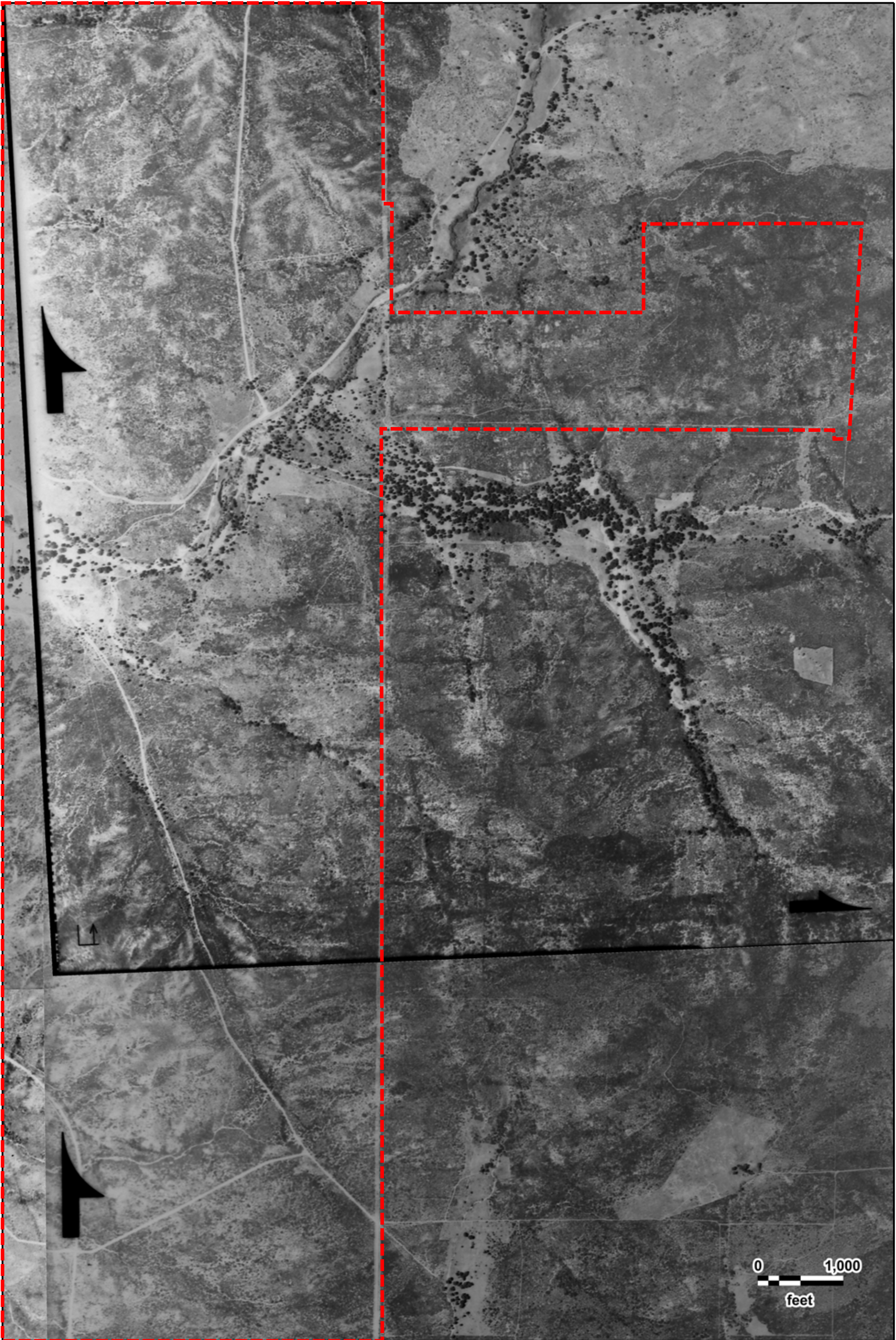
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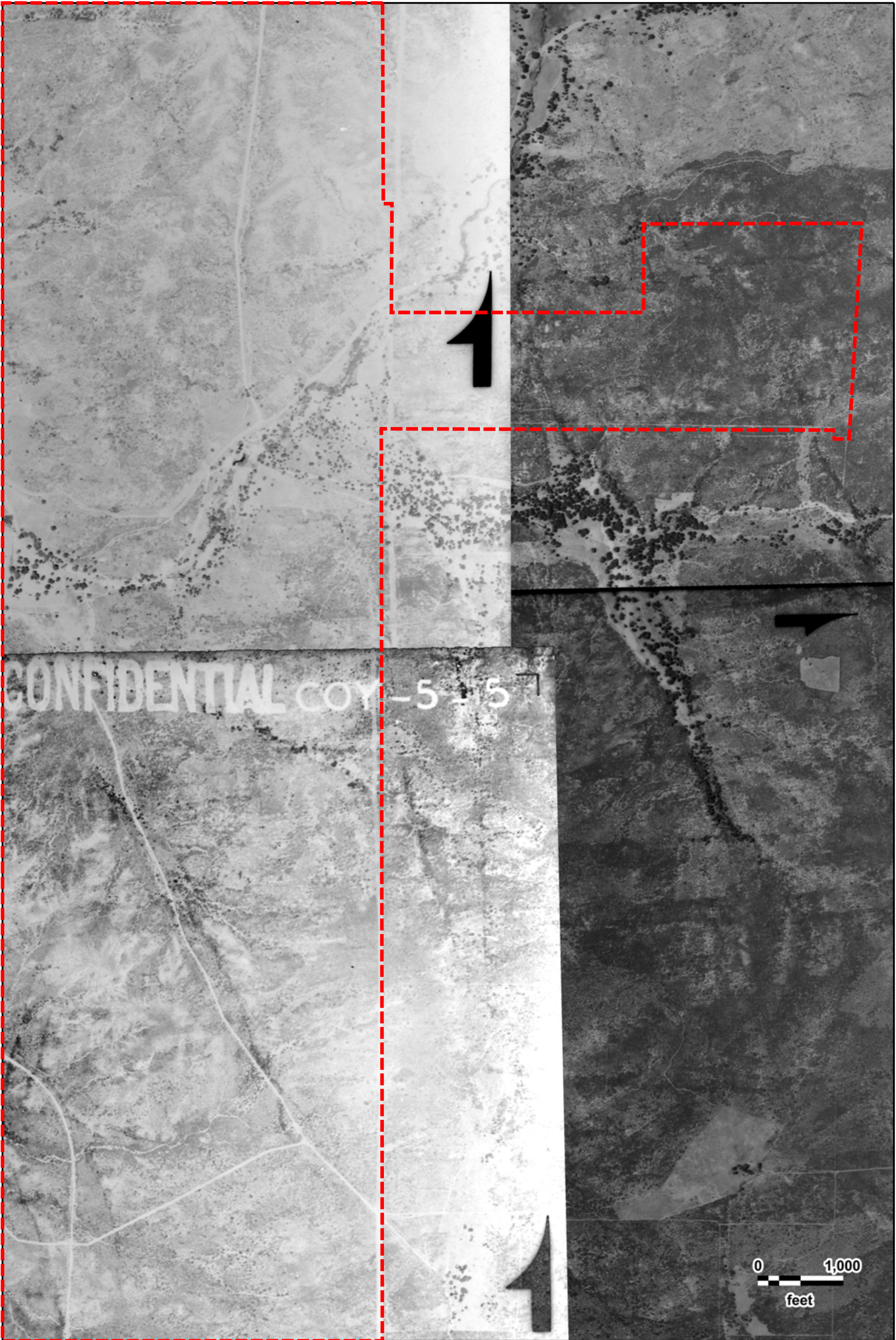
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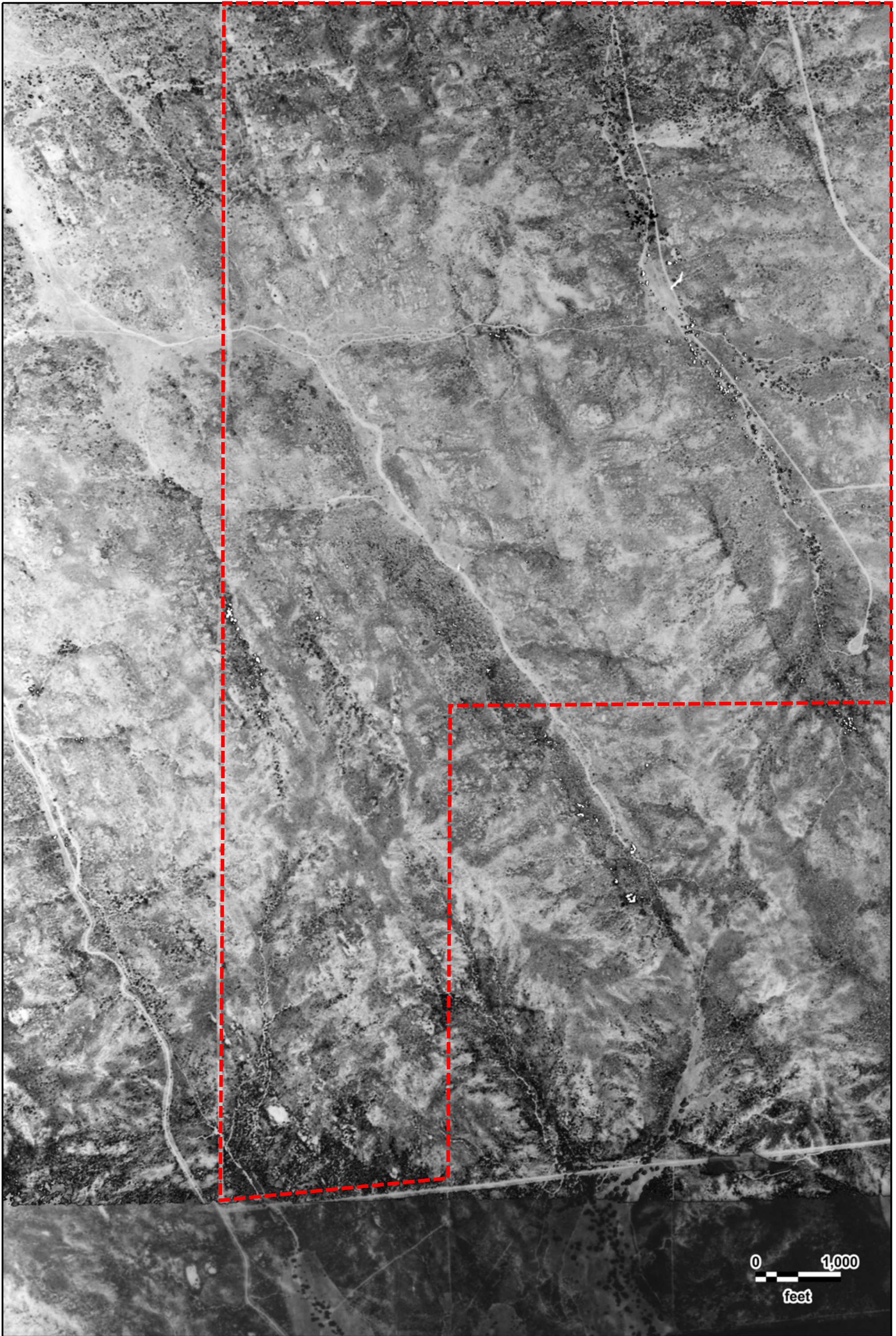


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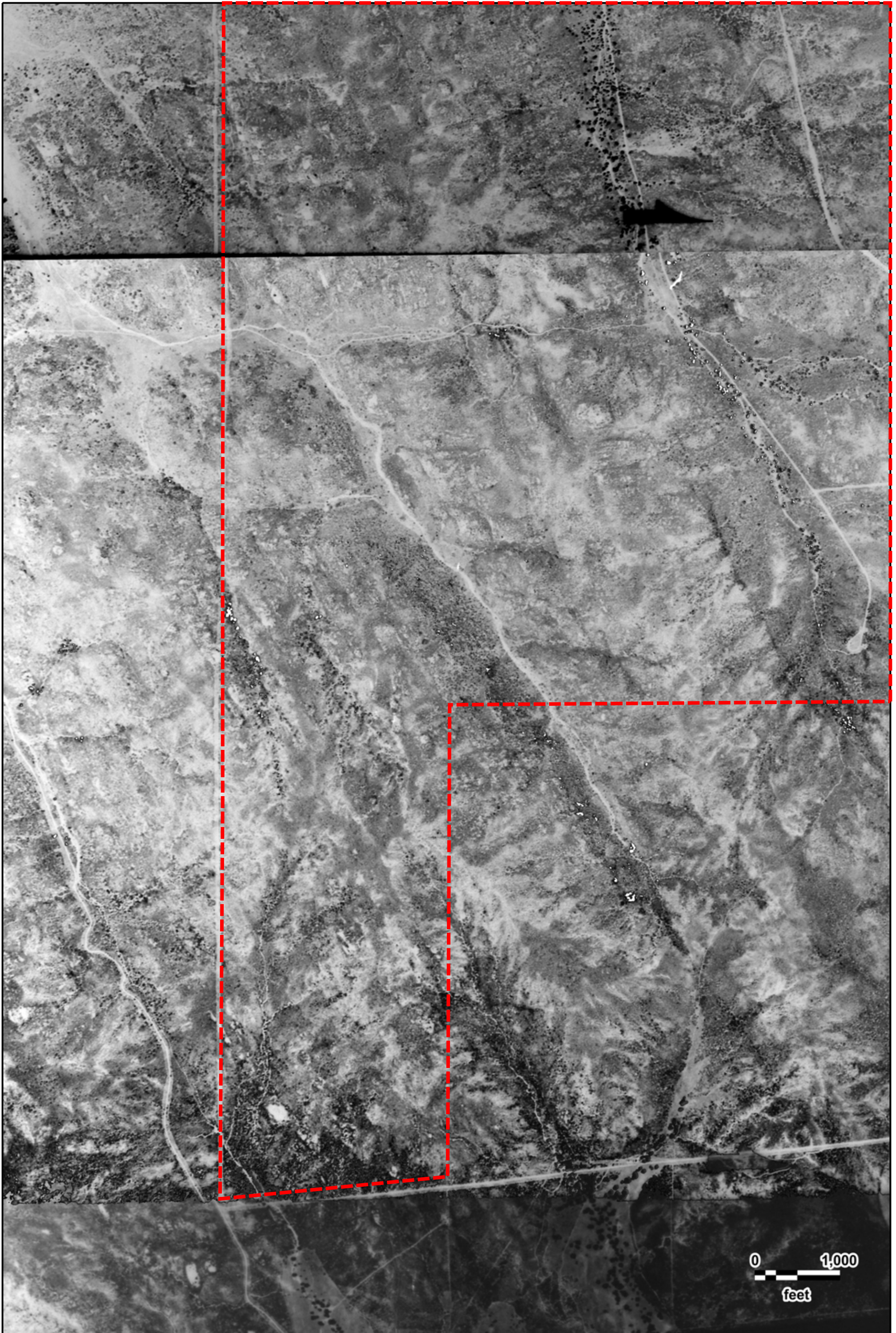
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# **ATTACHMENT C**

*Letter from EPA to Bureau of Indian Affairs  
regarding Draft Supplemental Environmental  
Impact Statement, May 12, 2010*



US EPA ARCHIVE DOCUMENT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
75 Hawthorne Street  
San Francisco, CA 94105

May 12, 2010

Dale Risling  
Acting Regional Director  
Pacific Regional Office  
Bureau of Indian Affairs  
2800 Cottage Way  
Sacramento, CA 95825

Subject: Draft Supplemental Environmental Impact Statement (DSEIS), Campo Regional Landfill Project, Campo Indian Reservation, San Diego County, California (CEQ # 20100045)

Dear Mr. Risling:

The U.S. Environmental Protection Agency (EPA) has reviewed the above-referenced document pursuant to the National Environmental Policy Act (NEPA), Council on Environmental Quality (CEQ) regulations (40 CFR Parts 1500-1508), and our NEPA review authority under Section 309 of the Clean Air Act. Our detailed comments are enclosed.

In 2006, EPA accepted the Bureau of Indian Affairs (BIA)'s request to serve as a cooperating agency for the proposed project. We appreciate the opportunity for early involvement. In our role as cooperating agency, EPA reviewed and commented on preliminary draft versions of the Supplemental EIS (PDSEIS) in both 2007 and 2009. We appreciate BIA's responsiveness to many of our comments.

Based on our review of the DSEIS, we have rated the document as Environmental Concerns – Insufficient Information (EC-2) (see enclosed "Summary of Rating Definitions"). While the proposed project has improved since 2007, additional protective measures should be included to fully protect the environment. Specifically, because the proposed project site overlies a Sole Source Aquifer as designated under the Safe Drinking Water Act, the proposal should ensure that all practicable and feasible measures are incorporated to protect groundwater resources.

EPA had rated the 1992 DEIS as Environmental Objections - Insufficient Information (EO-2) based on concerns regarding compliance with federal groundwater monitoring and corrective action requirements. Information available at that time indicated that compliance with these requirements could prove difficult or infeasible in the project's geological setting of fractured bedrock. Additional field studies have been conducted and more is now known about the project site hydrogeology. In addition, improvements were made to the proposed water quality detection monitoring program. We have additional recommendations for improving this

monitoring program, which is important for the protection of groundwater resources, including a request to commit to additional groundwater monitoring wells.

The proposed project now includes an alternative liner system and alternative final cover, which will require EPA approval through a Site Specific Flexibility Request<sup>1</sup> (SSFR), along with approval for construction in a seismic zone. While EPA has not formally received the SSFR applications, draft SSFRs are included in the Appendix of the DSEIS. Therefore, our comments reflect our initial review of these draft SSFRs but should not be interpreted as constituting any decisions regarding SSFR approval or disapproval. Once EPA receives the SSFR's, we will conduct a thorough review to determine whether the proposed alternative design components meet the requirements in 40 CFR Part 258 and are sufficiently protective of the Sole Source Aquifer. For the alternative liner SSFR, the liner design must ensure that the concentrations of constituents listed in the regulations will not be exceeded in the uppermost aquifer at the relevant point of compliance. Our review will consider the hydrogeologic characteristics of the facility and surrounding land, and the current and future importance of groundwater as a water supply.

EPA had previously recommended<sup>2</sup> that an evaluation of a double composite liner, where one liner is 2-feet of low-permeable clay, be included in the DSEIS. We recommend this evaluation be added to the FSEIS, consistent with 40 CFR 1502.14.

The DSEIS references a "much needed waste disposal capacity" in San Diego County but does not update the detailed discussion of this need that was included in the 1992 EIS. Increased diversion through recycling in the County would affect demand for waste disposal. Waste disposal demand may also determine the economic feasibility of the project, which is important for the long-term management of the landfill and the implementation of mitigation measures. An update of this discussion should be included in the Final SEIS. We also request additional information regarding final cover, erosion control measures, project water supply, the property value protection agreement and implementation of mitigation measures, seismic impacts, and the project's GHG emissions, among other issues.

EPA appreciates the opportunity to review this DSEIS. When the Final SEIS is released for public review, please send one copy to the address above (mail code: CED-2). If you have any questions, please contact me at (415) 972-3843 or have your staff contact Karen Vitulano, the lead reviewer for this project, at (415) 947-4178 or [vitulano.karen@epa.gov](mailto:vitulano.karen@epa.gov).

Sincerely,  
/s/

Enrique Manzanilla, Director  
Communities and Ecosystems Division

Enclosure: Summary of EPA Rating Definitions  
EPA's Detailed Comments

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<sup>1</sup> A separate public comment period is associated with this process.

<sup>2</sup> See comments from April 11, 2007

cc: Monique LaChappa, Chairwoman, Campo Band of Kumeyaay Indians  
Lisa Gover, Director, Campo Environmental Protection Agency



## Landfill Design

### *Site Specific Flexibility Requests*

Federal regulations (40 CFR Part 258) allow landfill owners and operators to request flexibility in the municipal solid waste landfill (MSWLF) criteria, including the allowance of alternative liner designs. The flexibility provided in the MSWLF criteria allows for the consideration of site-specific conditions in designing and operating a MSWLF while ensuring protection of human health and the environment. Seeking such flexibility is not uncommon in the industry.

Alternative liner designs must meet criteria set out in the regulations and be approved by the appropriate regulatory entity. In most cases, the appropriate regulatory entity is a state agency whose landfill permit program incorporates federal landfill requirements. However, since the State of California does not have regulatory authority over MSWLFs in Indian Country, EPA would determine whether an alternative meets the regulatory criteria. EPA makes this determination by reviewing a Site Specific Flexibility Request (SSFR) submitted by the landfill developer.

The proposed Campo Landfill project includes a liner system that is an alternative to the prescriptive liner requirements of 40 CFR Part 258.40(a)(2). The prescriptive liner required in the federal regulations is a single composite liner consisting of two components; an upper flexible membrane liner (geomembrane) component<sup>3</sup>, and a lower component that must consist of at least a two-foot layer of compacted soil with a hydraulic conductivity of no more than  $10^{-07}$  cm/sec. The geomembrane component must be installed in direct contact with the compacted soil component. The proposed Campo liner is a double liner system where the upper (primary) liner is a single composite liner, in which the 2-foot compacted soil layer is replaced by a geosynthetic clay layer (GCL) sandwiched between two geomembranes, and the lower (secondary) liner consists of a single geomembrane overlaid by a geocomposite drainage layer (Figure 2.1-5).

Therefore, the main difference between the proposed liner system and the prescriptive liner requirements of 40 CFR Part 258.40(a)(2) is that the proposed liner system substitutes an approximately ¼ inch thick GCL as an alternative to the 2-foot thick low-permeable, compacted bentonite clay soil component of the single composite liner requirement and adds an additional layer of high density polyethylene plastic beneath the primary liner.

Protecting groundwater resources is especially important at the Campo landfill site since the aquifer has been designated a Sole Source Aquifer under Section 1424(e) of the Safe Drinking Water Act. EPA previously commented, during our review of preliminary drafts of the SEIS in 2007 and 2009, that it is our belief that a double composite liner of the configuration proposed for the Gregory Canyon Landfill in San Diego County would be most protective of groundwater resources. For the Gregory Canyon Landfill, which is also located over fractured bedrock, the State of California required that at least one of the low permeability liner components be comprised of the 2-foot thick low- permeable, compacted bentonite clay soil.

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<sup>3</sup> Geomembrane components consisting of high density polyethylene (HDPE) must be at least 60-mil thick

Once the SSFR's are formally submitted to EPA, we will evaluate whether or not the proposed liner meets the requirements in the federal landfill regulations found in 40 CFR Part 258. EPA's review will be based on the criteria in 40 CFR 258.40: the design must ensure that the concentrations of constituents listed in the regulations will not be exceeded in the uppermost aquifer at the relevant point of compliance. This includes consideration of the hydrogeologic characteristics of the facility and surrounding land. EPA will announce its draft decision on the SSFRs in a separate process and will hold public meetings and establish a public comment period pursuant to EPA's draft Guidance entitled *Site-Specific Flexibility Requests for Municipal Solid Waste Landfills in Indian Country*, August 1997 (EPA530-R-97-016).

### ***Liner System Comparison***

The DSEIS provides a discussion of the proposed alternative liner as compared to the prescriptive liner of 40 CFR Part 258, however this discussion is limited to a comparison of results of the Hydrologic Evaluation of Landfill Performance (HELP) model (p. 2-15). HELP modeling results show that the proposed liner could provide more protection than the prescriptive single composite liner required by the federal regulations. However, the evaluation does not include discussion of other factors, such as shear-strength when hydrated, cation exchange vulnerability, and the risk of construction damage related to overall thinness of the GCL/Geomembrane liner system. Appendix D (p. 1-10) does identify the advantages and disadvantages of GCLs; however, this information should be discussed and evaluated in the body of the SEIS with statements as to how these relate to environmental impacts.

*Recommendation:* Expand the discussion of the comparison of the proposed alternative liner with the prescriptive liner from 40 CFR Part 258 to include factors in addition to the modeling results, such as a comparative assessment of hydraulic, physical/mechanical, and construction criteria<sup>4</sup>. A discussion of the advantages and disadvantages, including a discussion of costs to benefits, would be appropriate. EPA had previously recommended<sup>5</sup> that an evaluation of a double composite liner, where one liner is 2-feet of low-permeable clay, be included in the DSEIS. We recommend this evaluation be added to the FSEIS, consistent with 40 CFR 1502.14.

### ***Quality Assurance/Quality Control Program***

EPA previously commented on the importance of a Quality Assurance/Quality Control program to ensure the GCL liner is installed properly, which is vital to its proper functioning. The Hydrologic Evaluation of Landfill Performance (HELP) program modeling performed for the project also necessitates a rigorous Construction Quality Assurance program since the modeling results depend on the number and size of flaws in the geosynthetic products.

The DSEIS includes development and implementation of a Construction Quality Assurance (CQA) program as part of the final construction documents that would be submitted to Campo Environmental Protection Agency (CEPA) for review and approval prior to the liner construction

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<sup>4</sup> One reference for this comparison is Koerner, R., and Daniel, D., "A Suggested Methodology for Assessing the Technical Equivalency of GCLs to CCLs," Proceedings Geokunststoff-Ton-Dichtungen, GTD, H. Zanzinger (Ed.), Nurnberg, Germany, 1994, pp. 61-83

<sup>5</sup> See comments from April 11, 2007

(p. 2-27), consistent with EPA's previous recommendation. Leak detection via electrical leak location surveys in installed geomembranes is also proposed. EPA strongly supports electrical leak location surveys as they would help provide for good quality control of the geomembranes.

*Recommendation:* The CQA program should be provided to EPA for review as part of the final liner and cover SSFRs submittals.

### ***Protecting the Primary Liner System***

The DSEIS states that the liner/cover prevents direct infiltration of precipitation to the groundwater below, resulting in denied recharge, which is considered a beneficial impact because it would increase the distance between the groundwater and the landfill liner (p. 4.2-7). This adds a measure of protection for the groundwater supply and for the landfill liner system (p. 4.2-6). We agree that increasing the distance between the liner and groundwater is a protective measure. The project proposal includes the use of groundwater interceptor trenches which could be effective in keeping at least 5 feet of unsaturated soil between groundwater and the liner. However, we are aware of trenches that have not performed as intended. Therefore, having redundant approaches to liner protection from groundwater contact would offer greater liner protection.

The DSEIS identifies the potentially significant threat to water quality from groundwater mounding, where infiltration of groundwater beneath the recharge basins could raise a mound on the water table to the base of refuse and the bottom liner (p. 4.2-7). The secondary geomembrane liner offers protection to the primary liner should this occur. However, decreasing the likelihood of this occurring would offer greater liner protection.

*Recommendation:* Consider exploring the feasibility of additional methods of liner protection from groundwater contact/mounding in the FSEIS. Identify whether all options to increase the distance between groundwater and the landfill liner have been explored. Evaluate locating the recharge basins further downstream from the landfill perimeter to offer added protection from groundwater mounding beneath the recharge basins along the downgradient perimeter of the landfill footprint.

Because groundwater trenches can fail, the project should include a requirement for monitoring the performance of the intercept trenches to verify the continual successful operation in the collection and removal of groundwater. We also recommend that contingencies be included for potential maintenance or repair of the intercept trenches or interceptor pumps. Additionally, we recommend contingencies be included for powering of the groundwater interception pumps in the event of a power outage.

### ***Erosion Control***

The analysis in the DSEIS has not demonstrated that significant erosion will not occur. The calculation of soil loss in Appendix D-1 uses a C factor value of 0.05 in the Revised Universal Soil Loss Equation (RUSLE), which it indicates is typically associated with the presence of 65% grass cover (App D-1, App. 2B, p. 2). However, this C factor may be low and may not reflect the semi-arid climate of the site and expected vegetative cover. The project's Revegetation and Adaptive Management Plan requires a minimum of 50% coverage by the fourth growing season

(p. 4.4-18). If coverage were 50% with a well established grass root structure, the C value would be approximately 0.07<sup>6</sup> (40% higher than the assumed value of 0.05). This would increase the soil loss estimate by 40%. The final results of the calculation are very sensitive to the C factor. Given this, it is possible the soil loss for the 3:1 slopes might exceed 2 tons/acre/year, which would be considered excessive.

*Recommendation:* Correct or justify the use of the C factor of 0.05 in the FSEIS. EPA recommends additional erosion control measures. For example, a soil-gravel admixture would help reduce potential erosion on the side slopes. Additionally, use of a soil-gravel admixture in the top six to eight inches of cover soil throughout the site would help reduce loss of the topsoil to wind and water erosion.

### ***Final Cover Drainage Layer Design***

The proposed final cover soil appears to be placed directly on a geosynthetic drainage layer, which overlays a textured Linear Low Density Polyethylene (LLDPE) 60-mil geomembrane (Section 2.1.3.1 and Figure 2.1-9). There should be a filter geotextile installed to separate the cover soil layer from the underlying geosynthetic drainage layer, similar to the filter geotextile that is proposed to separate the operations soil layer from the underlying primary leachate collection and removal system. Without a filter geotextile to minimize the migration of fine soil particles into the drainage layer, the permeability and performance of the geosynthetic drainage layer will be reduced.

*Recommendation:* We recommend a filter geotextile be included in the final cover design to separate the cover soil layer from the underlying geosynthetic drainage layer to ensure that fine soil particles do not clog the geodrain layer's internal drainage channels.

### ***Soil Quality and Final Cover***

The suitability of on-site soil for use in the final cover should be further discussed. Because the soil to be used will come from subsurface soils, it is likely that it will not have adequate nutrients that are required for establishing vegetation. Subsurface soil can also have layers of soil with significant salts such as caliches or calcium carbonate layers, and salts adversely affect vegetation's ability to uptake water and thus should be limited in the cover soil. The DSEIS states that measures will be provided for topsoil salvage and replacement, but more discussion is needed to demonstrate that this is practicable, including where and how the topsoil will be stored, and how subsoil might be used or amended if insufficient topsoil is available.

*Recommendation:* The FSEIS should discuss the practicability and logistics associated with topsoil salvage and use in the final cover. For the SSFR, testing and analysis should be provided to demonstrate that the hydraulic properties are consistent with the values used in the HELP modeling and that this soil is adequate to maintain a quality rooting medium for native vegetation upon closure. This analysis is required to provide the justification for using native subsurface soil for cover. Additionally, the SSFR should include the particle size distribution for the soils to ensure it is not excessively rocky, especially for soils placed adjacent to geosynthetics where rocky soil can damage these

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<sup>6</sup> Estimated from USDA 1978, Table 10, Predicting Rainfall Erosion Losses, A Guide to Conservation Planning

membranes. The FSEIS should also address the soils needed for seeding of temporary slopes to establish vegetative cover for erosion control.

### ***Financial Assurance***

The DSEIS identifies the landfill closure requirements, including the development of a closure plan under 40 CFR 258.60 and Campo Tribal Regulations (CTR) (p. 2-33 - 2-34). The federal regulations at 40 CFR Part 258 Subpart G (Sections 258.70-75) require financial assurance for closure, post-closure care and, if necessary, corrective action<sup>7</sup>. The DSEIS does not discuss the requirement to meet financial assurance or provide any information regarding compliance with these requirements.

*Recommendation:* The FSEIS should include financial assurance information in the FSEIS, including how the project proponent intends to comply with these requirements. Since closure and post-closure monitoring and maintenance could be viewed as mitigation as defined under NEPA (40 CFR 1508.20d)<sup>8</sup>, this information could be included in the discussion of mitigation measures. The FSEIS should explain how the closure and post-closure monitoring and maintenance will be implemented, including funding commitments, responsible parties and enforcement mechanisms (see also comment below on mitigation measures). The FSEIS should include a clear commitment to comply with the financial assurance requirements of 40 CFR Part 258 and the Campo Tribal Regulations.

### ***Seismic Impact Zone SSFR***

The DSEIS and the Seismic Impact Zone SSFR should consider additional earthquakes in its discussions. On April 4, 2010, there was a 7.2 magnitude earthquake in Baja California. Additionally, the applicability of the 7.8 magnitude earthquake along the Laguna Salada Fault in 1892 should be considered and discussed.

The DSEIS and the Seismic SSFR discuss and summarize calculated static factors of safety in the slope stability analysis; however, they do not discuss or summarize the calculated seismic factors of safety. Instead, the permanent seismic deformation (of less than one inch) was summarized in the text and SSFR Tables 3-6 and 3-7. From Appendix 3.1 of Appendix D-1, (Slope Stability Calculations) it appears the calculated seismic slope stability factors of safety are approximately 1.0. EPA is unlikely to approve a seismic impact zone SSFR if seismic factors of safety are less than 1.0.

*Recommendations:* The FSEIS and the Seismic SSFR should consider additional earthquakes, as identified above, and discuss and summarize the calculated seismic factors of safety for refuse slope stability and final cover slope stability, in addition to the permanent seismic deformation. Additionally, for refuse slope stability, include a column in the Seismic SSFR Tables 3-6 and 3-7 showing calculated seismic factors of safety.

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<sup>7</sup> It appears the Campo Tribal Regulations also address financial assurance

<sup>8</sup> 40 CFR 1508.20d: (d) Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action.

### ***Leachate Generation Rate and Pond Sizing***

Clarification is needed regarding leachate pond sizing assumptions. The leachate generation calculations shown in Appendix C-1 appear to only include leachate generated from areas without final cover. In other words, the total leachate volume (gal) for each year equals only that which would be generated from that year's area without final cover<sup>9</sup>.

It appears a value of zero is being used for areas with final cover. Leachate generation will decrease following final closure, but it would not be zero for the first year. Estimates based on Bonaparte et al. (2002), as cited in Appendix D-1, p. 1-9, appear reasonable. Bonaparte et al. suggest that landfills closed with geomembrane cover systems reduce leachate generation to approximately 10 percent of the operational leachate generation rate within 4 years, and within 9 years, the leachate generation rate is negligible.

*Recommendation:* Review the leachate generation calculations shown in Appendix C-1 and, if necessary, resize the leachate storage ponds. Identify the unit "sy" in these tables.

Additionally, clarify the assumptions regarding rainfall conditions used in the calculations and indicate whether they consider the wide variation in annual rainfall which can occur at the site (Figure 3.2-1). It is not clear if a worst case rainfall event was utilized for the HELP modeling for the DSEIS (p. 4.2-17). We continue to recommend that a discussion of contingency plans for the storage or disposal of leachate be addressed in the FSEIS, including procedures to address leachate management in the event of excessive rainfall/flooding or when rainfall exceeds what can be effectively applied or evaporated during the rainy season.

## **Water Resources**

### ***Water Quality Detection Monitoring Program***

In our 1992 comments on the FEIS, EPA expressed concern regarding the feasibility of monitoring groundwater in fractured bedrock systems. Additional field studies have been conducted and more is now known about hydrogeology at the proposed project site. However, EPA believes the following recommendations are important for the protection of groundwater and should be incorporated into the monitoring program. EPA will evaluate the monitoring program in conjunction with its formal review of the liner SSFR and may recommend additional wells as appropriate.

Groundwater Monitoring Well Construction/Placement. The groundwater monitoring plan (Appendix C-3) includes limited deep groundwater sampling (i.e., greater than 100 feet below ground surface), based on a vertical upward gradient from the deep zone to the shallow zone. Pumping from the future water supply wells could change the vertical gradient. To ensure that assumptions about the vertical gradient are correct, the groundwater monitoring plan should include paired shallow/deep wells. For example, Appendix C-3, Figure 2 indicates that new deep well P1-50 will be paired with existing shallow well P1-26, which should provide useful data on the vertical groundwater gradient. Other wells are not similarly paired.

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<sup>9</sup> For example in 2011 (252,800 square yards (sy) without final cover/4820 sy per acre) x 82,700 gal/ac = 4,319,537 gal.

*Recommendation:* Project proponents should pair the other two new deep wells (P1-48 and P1-49) with either new or existing shallow wells to provide a more robust data set on the vertical gradient. The current plan pairs the P1-48 and P1-49 wells with shallow wells P1-8 and P1-11, which are scheduled for decommissioning.

Groundwater Monitoring of Future Phases. The DSEIS includes a vague description regarding monitoring wells for landfill phases, stating only that the adequacy of the well spacing and placement shall be evaluated throughout the landfill construction process (p. 4.2-31). EPA believes that the proposed groundwater monitoring program for Phases 1 and 2 is generally adequate; however, the program as presented is insufficient to monitor additional phases as they are constructed further south. Additionally, proposed phases 18 and 19 (SEIS Figure 2.1-7) encroach on the ridgeline at the eastern boundary of the proposed landfill. The proximity of phases 18, 19, and other near-ridgeline phases (including Phase 3) to the groundwater divide under the ridgeline may suggest the need for additional groundwater monitoring wells on the ridgeline, and, if needed, on the east side of the ridge.

*Recommendation:* The FSEIS and Record of Decision should include a firm commitment for additional groundwater monitoring as new phases are constructed. Appendix C-3 and elsewhere should indicate that the proposed groundwater monitoring program for the initial phases will serve as a template for an expanded groundwater monitoring program as future phases (Phases 4 through 19) are built out, and that the horizontal and vertical well spacing, sampling and analytical frequency, monitoring parameters, and other details included for Phases 1 through 3 of the project will extend to future phases. Additionally, as new landfill phases are built out toward the ridgeline, additional groundwater monitoring wells may be needed on the crest and, possibly, east of the ridgeline. The FSEIS and ROD should commit to including additional monitoring wells on the crest and east side of the ridge to evaluate possible changes to the groundwater once near ridgeline phases are being filled.

### ***Water Supply***

The project includes development of a well field to supply water for the landfill for routine dust control, consumptive office use, irrigation of nursery plants and revegetation areas, and construction uses such as dust control and soil compaction (p. 2-6). The assessment of water availability in the DSEIS is based on "porous media equivalent" analysis and may not be representative of subsurface conditions at the proposed landfill site. Numerical modeling results are one line of evidence to support a water resource evaluation, but the limited site-specific hydraulic test data do not indicate that sufficient water is available to meet project demands. Available aquifer test data (Appendix C-4) showed the following results for wells tested:

- Well P1-14 test: Well P1-14 sustained a flow rate of 10.7 gpm over a 94 hour test, but the water level in nearby shallow wells "dropped gradually and did not reach steady state during 94 hours of pumping."
- Well ATA-PW-1 test: Well ATA-PW-1 sustained an apparent flow rate of 3.4 gpm, but the water level dropped below the pump intake after 16 hours. Pumping of the ATA-PW-

1 well resulted in continuous drawdown in well ATB-PZ-1, which did not reach steady state after 70 hours of pumping.

The DSEIS identifies the existing wells at the Campo sand quarry and the Campo Tribal Center as potential water sources, such that, in the event that insufficient water is available from the proposed well field, water shall be pumped from one or both of these wells to supplement water from the proposed well field, and withdrawals from the well field shall be curtailed sufficiently to eliminate any adverse effects on other groundwater users (p. ES-37). The DEIS does not discuss impacts from such a pipeline.

*Recommendation:* Because of the limited site-specific hydraulic test data, we recommend the project proponents construct and rigorously test a sufficient number of water supply wells within the 300-acre wellfield to ensure that sufficient water is available to meet the short- and long-term demands of the proposed landfill. This is important since it bears on environmental impacts as well as fire protection. This information would also provide an indication of the likelihood that this alternative water source would be needed, which involves constructing a 2+ mile water pipeline along existing and proposed roads from the quarry and/or tribal center (p. ES-37). A discussion of impacts from this pipeline should be included in the FSEIS.

#### ***Property Value Protection Agreement***

The DSEIS notes that the current applicant has not offered a property value protection agreement for the proposed project but the DSEIS contains a recommended mitigation measure that requires the project operator to provide water to any domestic user whose source is compromised by project water withdrawals or unanticipated discharges of pollutants for the duration of the compromised condition of the water supply (p. ES-14). The measure states that in the event that groundwater pumping substantially depletes groundwater supplies such that the production rate of pre-existing nearby wells drops to a level which would not support existing land uses, or planned uses for which permits have been granted, alternate sources of supply, including piping in water from the quarry or tribal center (p. 4.2-29), shall be developed or withdrawals from the well field shall be curtailed until groundwater levels recover (p. 4.2-28).

*Recommendation:* EPA supports the inclusion of the property value protection agreement as appropriate mitigation. More details should be provided for this measure including whether it is being committed to as part of the proposal, the details regarding when and how it would be triggered, and what the mechanism of implementation would be. The DSEIS references the water supply mitigation measures from the 1992 FEIS including twice annual monitoring in off-site wells (p. 4.2-28) but these measures do not appear to be integrated into the new recommended mitigation measure. For example, the 1992 FEIS measures include development of new wells, and the DSEIS states that these mitigation measures from the FEIS would be applicable to the potential groundwater impacts as described in Section 4.2.3.2, however this section discusses groundwater infiltration basins and groundwater interception trenches. We recommend that this mitigation measure be more clearly defined. Additionally, since potential impacts from the proposed project could affect off-reservation resources and mitigation measures would involve coordination with non-tribal individuals (i.e. domestic well sampling



program, etc.), it is important to set up a mechanism of accountability for these mitigation commitments. Third party mechanisms are one such possibility. For example, tribal casino projects have proposed contracting with a third party to oversee their well impact compensation program<sup>10</sup>.

### ***Remedial Action***

Groundwater Remediation Plan. On page 4.2-31, the DSEIS refers to the groundwater remediation plan mitigation measures in the FSEIS, but does not indicate whether these measures still apply to the proposed project<sup>11</sup>.

*Recommendation:* Clarify in the FSEIS whether the actions identified in the FSEIS, p. 4-25 are still applicable to the current project. If so, include reference to it in Table ES-4-4.

Leaks from Primary Liner system. The DSEIS identifies the remedial action that would take place should the primary liner system leak such that leachate from the landfill is observed and confirmed in the collection sumps near the landfill periphery. These actions could include the application of an internal liner layer within the landfill over the area in which leakage occurred to prevent additional infiltration, redirection of landfill activities to another portion of the phase; and/or possible early closure of a phase (p. 2-8).

*Recommendation:* EPA recommends that the potential remedial actions that would take place, should the primary liner leak, also include excavation of the waste material and repair of the liner, if warranted.

Leaks in Secondary Liner system. While the DSEIS identifies the remedial action that would take place should the primary liner leak, there is no discussion of remedial action that would take place should the secondary liner system leak such that groundwater from a rising water table is observed and confirmed in the collection sumps for the secondary drainage layer.

*Recommendation:* If significant groundwater inflow is detected, remedial action should include, but would not necessarily be limited to, assessment and determination of the groundwater source, maintenance of nearby groundwater intercept trenches, installation of additional groundwater intercept trenches, installation of groundwater extraction wells, and/or excavation of the waste material and repair of the liner, if warranted.

### ***Use of Certified Laboratories***

The sample analysis discussion of Appendix C-3, Appendix A, Section 3.5, indicates that analysis of groundwater samples will be conducted by a laboratory certified by the California Department of Health Services or a laboratory approved by Campo EPA (CEPA). To ensure that the laboratory is competent to perform the necessary analyses, BIA and the Tribe should ensure that the laboratory is accredited under the auspices of the National Environmental Laboratory

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<sup>10</sup> See North Fork Casino Final EIS, November 2008, p. 5-8; Graton Rancheria Casino and Hotel FEIS, p. 5-11

<sup>11</sup> The DSEIS generally indicates in Table ES-4-4 whether the FEIS mitigation measures still apply to the project, but no reference to this plan is identified there.

Accreditation Program (NELAP). NELAP-accredited laboratories have demonstrated capability to analyze environmental samples using approved methods.

*Recommendation:* EPA recommends that the proposed project commit to utilizing a laboratory accredited by a NELAP recognized accreditation body for the analysis of groundwater samples collected as part of compliance and leak detection monitoring. The FSEIS should identify this commitment.

#### ***Additional Groundwater Monitoring Recommendations***

- The monitoring well construction summary (Table 2) in Appendix C-3 includes water level data from 1995. This table should be updated to include current (2010) water levels. Many of the existing wells were installed approximately 15 years ago and should be evaluated to determine integrity, accessibility, and suitability for groundwater monitoring at the proposed landfill. Wells that are irreparably damaged should be properly decommissioned and replaced.
- The proposed monitoring well network (Figure 2) in Appendix C-3 should clarify that the number of new wells is based on an average 200-foot spacing, but that actual well locations will be determined in the field based on site-specific conditions, with a preference for placing new wells in fracture zones. Thus, the actual well spacing may be greater or lesser than 200 feet, although the number of new wells (i.e., ten upper zone, three lower zone) would be as discussed.
- The SOPs included in Attachment 1 of Appendix A (Appendix C-3) are generally consistent with current practices in environmental monitoring, but should be tailored to the proposed Campo Landfill project. Although the SOPs included in Appendix C-3 are initially useful for the proposed Campo Landfill site, project-specific SOPs should be developed after the monitoring network is established to ensure that field activities are consistent through time.
- The planned well screens described for well construction in Appendix C-3 range from 10 to 30 feet in length; project proponents should evaluate historical water level changes to ensure that shorter-screened wells do not become unusable (i.e. dry) during drought years.
- Acetone is correctly listed with several other volatile and semi-volatile organic compounds as a common sampling or laboratory-related contaminant (App C-3, Section 5), but the interpretation of acetone in groundwater warrants additional consideration. Acetone is a product of organic material biodegradation and may be an indicator of landfill contamination. Acetone and other “laboratory contaminants” that are found consistently in specific wells, or at increasing concentrations through time, may be indicative of a landfill release. Acetone and other common laboratory contaminants are typically found at low concentrations, random with respect to wells, and frequently (though not always) found in associated field, trip, or method blanks.

## Stormwater and Surface Waters

### *Potential Impacts to Campo Creek*

The DSEIS does not fully evaluate impacts to Campo Creek. According to the DSEIS, runoff would be directed away from active landfill operations to recharge basins, with overflow drains discharging to Campo Creek (p. 4.2-4). Water from groundwater interception trenches would also be pumped to these basins. No sizing information is provided for these basins to provide an estimate of frequency of discharges. Additionally, the DSEIS does not describe the types of operations that will be located outside the containment area for the 100-year, 24-hour storm, including the location of the vehicle and other maintenance facilities<sup>12</sup> (p. 2-22). The DSEIS states that either CEPA or USEPA will determine the constituents, locations, and frequency to be monitored for surface water runoff (p. 2-19). Note, however, that minimum monitoring requirements are prescribed in EPA's Multi-Sector General Permit (MSGP) for discharges of industrial stormwater, including stormwater from landfill activities. This should be clarified in the FSEIS. In addition, the DSEIS does not update the beneficial uses of Campo Creek from the related discussion in the FEIS<sup>13</sup>. These beneficial uses can be found in the San Diego Regional Water Quality Control Board's Basin Plan which is available at: <http://www.waterboards.ca.gov/sandiego>. Finally, the FEIS states that these downgradient recharge areas would all be in existing natural drainages (p. 4-11). The DSEIS does not indicate whether this is still applicable to the proposed project.

*Recommendation:* In the FSEIS, provide information discussed above, including basin sizing and estimates of discharge frequency, the types of operations outside the containment area where runoff would originate, pollutants which may be in the discharges, and the potential effects on the downstream receiving waters from the discharges. Beneficial uses of the downstream receiving waters should be considered in this discussion.

### *Construction Phase Stormwater Discharges*

The DSEIS (section 2.1.4) indicates the proposed project would include a start-up phase in which infrastructure would be constructed and the landfill would be prepared to accept waste (p. 2-22). During this initial phase of a landfill operation, stormwater discharges are permitted under EPA's construction general stormwater permit, rather than the MSGP; see EPA 833-F-93-002B, available at: <http://cfpub.epa.gov/npdes/stormwater/cgp.cfm>. The DSEIS does not identify this permit requirement nor specifically address the potential effects of these start-up construction phase stormwater discharges on downstream receiving waters.

*Recommendation:* The FSEIS should note the requirement for a construction general stormwater permit, and evaluate the potential effects on downstream waterbodies from stormwater discharges during the initial construction phase.

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<sup>12</sup> It does indicate that the vehicle maintenance facility would comply with best management practices pursuant to a stormwater multi-sector general permit (MSGP).

<sup>13</sup> The FEIS stated that given the intermittent nature of the flow, potential beneficial uses of Campo Creek are difficult to characterize

## Air Quality

### *Permits and Permitting Authority*

The discussion of air quality standards and regulations indicates that the Campo Band has established the Campo Environmental Protection Agency (CEPA) to “issue permits and oversee the implementation and compliance of environmental standards and regulations...” (p. 3.3-3). EPA has not delegated the authority to issue air permits to CEPA. Thus, EPA retains the authority to issue the pre-construction air permit (if applicable) and the Title V operating (40 CFR Part 71) permit. The DSEIS does not mention that the project will require a Part 71 permit from EPA after a year of commencing operation.

*Recommendation:* The FSEIS should clarify that EPA retains the authority to issue air permits in association with this project and that the Tribe must submit a Part 71 permit application to EPA within twelve months of commencing operation.

### *Greenhouse Gas Emissions / Potential Applicability of the PSD/GHG Tailoring Rule*

We appreciate the discussion on Greenhouse Gases in Section 4.3.7 but believe this discussion can be improved by providing a quantified estimate of the project’s GHG emissions and discussing possible measures to mitigate these impacts. In addition, the DSEIS should identify that the project would be required to report under the Mandatory Reporting of Greenhouse Gases Rule.

We note that EPA has proposed a Prevention of Significant Deterioration (PSD)/ Greenhouse Gas (GHG) Tailoring Rule, which may affect this project. Under this proposed rule, if adopted, new facilities emitting over 25,000 tons of greenhouse gases a year would be considered subject to the PSD requirements and therefore required to demonstrate that the best available control technology is used to minimize GHG emissions.<sup>14</sup> However, more recent developments suggest that the applicability threshold may be set at 75,000 tons per year, rather than 25,000, for calendar years 2011 and 2012 (based on Administrator Jackson's testimony before a Senate subcommittee on March 3, 2010).<sup>15</sup> While these considerations are part of the administrative rulemaking process, it is important to note that more details are expected in the final rule that has yet to be signed and finalized. Thus, if construction of the landfill commences after the GHG Tailoring Rule becomes final, the proposed project may be subject to PSD requirements as a result of its projected GHG emissions<sup>16</sup>, regardless of EPA’s 2005 non-applicability determination (letter from EPA to Preston Gates & Ellis LLP dated January 19, 2005.)

*Recommendation:* In the FSEIS, EPA recommends including an estimate of the proposed project’s GHG emissions and indicating whether the project would be required to report under the Mandatory Reporting of Greenhouse Gases Rule. We also recommend that possible measures to mitigate these impacts be identified.

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<sup>14</sup> For more information, see R. Bravender’s article “EPA to revise GHG permitting limits, will focus on larger sources” in *Environment & Energy News PM*, March 3, 2010. <http://www.eenews.net/eenewspm/2010/03/03/1/>

<sup>15</sup> See S. Cook’s article “Jackson Says Climate Rules Initially to Apply To Sources With Emissions Over 75,000 Tons” in *BNA Daily Environment Report*, March 4, 2010. <http://ehscenter.bna.com/pic2/ehs.nsf/id/BNAP-838QP8?OpenDocument>

<sup>16</sup> See letter from EPA Administrator Lisa Jackson to the Honorable Jay D. Rockefeller IV dated February 22, 2010 at [http://epa.gov/oar/pdfs/LPJ\\_letter.pdf](http://epa.gov/oar/pdfs/LPJ_letter.pdf)

A landfill gas (LFG) energy recovery system would be the most effective mitigation measure. By using LFG to produce energy, the project would significantly reduce methane emissions and avoid the need to generate energy from fossil fuels, thus reducing emissions of carbon dioxide, sulfur dioxide, nitrogen oxides, and other pollutants from fossil fuel combustion. The DSEIS states that, depending on economic conditions, such a project would most likely be developed in four to eight years after beginning waste filing operations (p. 2-20). We encourage the project proponents to plan for a LFG energy project as a subsequent project, and include any landfill design alternations that would maximize landfill gas recovery efficiency. EPA's Landfill Methane Outreach Program (LMOP) website<sup>17</sup> includes tools that may be of assistance in this mitigation discussion, including the LFG Energy Benefits calculator, and a LFG Energy cost model. The FSEIS could also identify how a LFG Energy project could reduce odor impacts.

In the event that EPA finalizes the GHG Tailoring Rule, the Tribe will need to submit a new PSD applicability analyses to EPA which discusses GHG emissions from the project, before construction is commenced. If it is determined that a PSD permit would be required before the FSEIS is released, the FSEIS should discuss the process and timing for securing permits and how this may affect the construction time line.

#### *Additional Air-related comments*

- The DSEIS indicates that the landfill will receive 138 daily truck trips (round-trip) or 276 individual truck trips per day (p.2-31, p. 4.5-1). The public hearing presentation indicates that 164 haul trips per day will occur. The FSEIS should clarify this information and update any impact analyses that depend on this data, including the air quality analyses.
- The DSEIS concludes that the landfill would not be expected to cause or create odor problems in the surrounding community, provided that it adheres to best management practices (BMPs) with respect to odor control (p. 4.3-18). The owner/operator should consider, as a mitigation measure, providing a complaint mechanism for the public to contact Campo EPA to report odor impacts.
- The DSEIS (p. 3.3-5) refers to the California Ambient Air Quality Standards (CAAQS) as being applicable to the project. While this is clarified in Chapter 4, where it states that California standards are not applicable but are used for the impact assessment, the statement in Chapter 3 should be revised.
- The Air Quality discussion (Section 3.3.2.1) implies the Campo Indian Reservation is in a nonattainment area for the 8-hour ozone standard since it uses the San Diego Air Basin in its assessment. However, the portion of the San Diego Air Basin excludes two reservation areas, Campo Areas #1 and #2, from the nonattainment designation. Thus, the Campo Indian reservation would be considered in attainment for all criteria pollutants. This is not to say that the use of the San Diego Air Basin in the assessment is unreasonable, however.
- Mitigation measures for construction and landfill operation equipment includes the purchase of new equipment, maintenance of equipment, and turning off idling equipment

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<sup>17</sup> <http://www.epa.gov/lmop/index.html>

when not operated for longer than five minutes (p. 4.3-30). If practicable, the project should utilize new, clean equipment meeting the most stringent of applicable federal<sup>18</sup> standards. In general, the project should commit to the best available emissions control technology. Tier 4 engines should be used for landfill construction equipment to the maximum extent feasible<sup>19</sup>. Lacking availability of non-road construction equipment that meets Tier 4 engine standards, the Tribe and project proponents should ensure that best available emissions control technologies are used on all equipment. We also recommend EPA-registered particulate traps and other appropriate controls where suitable to reduce emissions of diesel particulate matter and other pollutants at the site. We recommend commitments to these measures be included in the project description and/or mitigation measures.

### ***Truck Bypass Route***

EPA had commented previously regarding the location of the truck bypass route. The Campo Education Center, including outdoor recreation areas, is within 60 feet of the proposed bypass route (Figure 2.1-3) and passes between the back of the school and the baseball field. EPA previously recommended relocating the truck bypass further away from the Campo Education Center. Instead, a health risk analysis was performed for the Campo Education Center concluding that the impact of the haul truck traffic is slightly greater than one in one million, but because this was based on 70 years of continuous exposure, which is deemed rare for this non-residential location, no significant air quality impacts are anticipated (p. 4.3-26). While we agree with this significance level, we continue to recommend all possible avoidance and minimization of diesel particulate matter exposure. The DSEIS identifies the purchase of new trucks for the hauling of waste as a mitigation measure (p. 4.3-7, p. 4.3-30). It is not clear if the applicant would be hauling all or most of the waste disposed in the landfill, therefore the feasibility of this mitigation measure is not revealed.

EPA also previously commented on pedestrian safety concerns from the truck bypass route located close to the Campo Education Center. The DSEIS states that the bypass route would be fenced with a 3' high chain-link fence on both sides of the road and that a crosswalk will be installed (p. 4.11-5). The applicant shall maintain these crosswalk markings and signage for the life of the project.

*Recommendation:* EPA recommends that the commitment to the purchase of new trucks for the hauling of waste be included in the FSEIS and ROD. Clarify the amount of control that the project proponent has for implementing this measure. In general, the project should prioritize diesel exhaust mitigation measures, including alternative fuels (e.g. LNG) and cleaner engines (post-2007) for all trucks accessing the Campo landfill. The project proponent and the Tribe should work with waste haulers to ensure that these mitigation measures are implemented to the greatest extent feasible.

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<sup>18</sup> EPA's website for nonroad mobile sources is <http://www.epa.gov/nonroad/>.

<sup>19</sup> Diesel engines < 25 hp rated power started phasing in Tier 4 Model Years in 2008. Larger Tier 4 diesel engines will be phased in depending on the rated power (e.g., 25 hp - <75 hp: 2013; 75 hp - < 175 hp: 2012-2013; 175 hp - < 750 hp: 2011 - 2013; and  $\geq$  750 hp 2011- 2015).

Additional mitigation could include identifying and relocating the air intake for the Campo Education Center away from the bypass route, if applicable. The greatest avoidance would likely come from shifting the truck bypass road location further from the Education Center, and we continue to recommend this be explored.

Recent studies suggest that roadside vegetation may help reduce near-road exposures to traffic-generated pollutants<sup>20</sup>. The Tribe and project proponents should consider exploring the addition of roadside vegetation between the bypass route and the Campo Education Center. Should this mitigation be pursued, we recommend working with a biologist to select the most appropriate vegetation species. EPA is available to provide more information on the benefits and limitations of this potential mitigation measure.

Regarding public safety, consideration may also want to be given to including in-pavement flashing warning lights in the crosswalks, especially if foot traffic is expected to cross during dusk and dawn hours. These systems have lights embedded in the pavement on both sides of the crosswalk and oriented to face oncoming traffic and are activated when a pedestrian wants to cross.

#### **Demand for Solid Waste Disposal Capacity**

The DSEIS references the "much needed waste disposal capacity" in San Diego County (p. ES-28), however, no update is provided to the discussion of waste disposal demand in the 1992 FEIS in Section 1.5 (p. 1-13 through 1-14). We understand that the purpose and need for the project is tribal economic development; however, waste disposal demand determines the economic feasibility of the project, which is important for the long-term management of the landfill and the implementation of mitigation measures.

*Recommendation:* Update the waste disposal demand discussion in the FSEIS, particularly waste demand in San Diego County.

#### **Mitigation Measures**

Mitigation measures are identified for the project in Table ES-4-4. Because the DSEIS concludes that some mitigation measures will reduce impacts to less than significant, additional information should be provided regarding their implementation. The Tribe has primary regulatory jurisdiction over the proposed action; therefore, it would be helpful to disclose in the FSEIS how the Tribe will ensure compliance with the mitigation measures identified. Additionally, the project Record of Decision (ROD) must have a clear identification of the mitigation measures adopted as part of the project. The ROD must state "whether all practicable means to avoid or minimize the environmental harm from the alternative selected have been adopted, and if not, why they were not" (40 CFR 1505.2 (c)). The CEQ Regulations also state that mitigation established in the EIS and committed to as part of the decision shall be implemented (40 CFR 1505.3).

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<sup>20</sup> Bowker, G.E.; Baldauf, R.W.; Isakov, V.; Khlystov, A.; Petersen, W. Modeling the Effects of Sound Barriers and Vegetation on the Transport and Dispersion of Air Pollutants from Roadways; *Atmos. Environ.* 2007, 41, 8128-8139., also Fujii, E.; Lawton, J.; Cahill, T.A.; Barnes, D.E.; Hayes, C.; Spada, N.; McPherson, G. *Removal Rates of Particulate Matter onto Vegetation as a Function of Particle Size*; Final Report to the Breathe California of Sacramento Emigrant Trails Health Effects Task Force (HETF) and Sacramento Metropolitan AQMD, 2008.

*Recommendation:* Provide additional information in the FSEIS regarding implementation of mitigation measures, and include binding commitments where possible. For mitigation measures that the DSEIS determines will reduce impacts to less than significant, we recommend including:

- A description of each mitigation measure adopted.
- The party responsible for implementing each mitigation measure.
- A schedule for the implementation of each mitigation measure.
- The agency or entity responsible for monitoring mitigation measure implementation.
- Criteria for assessing whether each measure has been implemented and effectiveness monitoring
- Enforcement mechanisms

Additionally, since some mitigation measures would involve coordination with non-tribal individuals (i.e. domestic well sampling program, etc.), the FSEIS should identify the mechanism of accountability for these mitigation commitments. Third party mechanisms are one such possibility.

### **Cumulative Impacts**

The DSEIS does not include a cumulative impact assessment for the Quino checkerspot butterfly. The document does recognize the Quino's decline, including the loss of more than 75% of its historic range, and the reductions in populations by more than 95% range-wide (p. 3.4-8). These are key factors that should be discussed in an assessment of cumulative impacts under NEPA. We are aware that portions of the U.S. Mexico border fence have affected Quino habitat, and a discussion of impacts from other past, present, and reasonably foreseeable future actions is required. The Biological Opinion may also include some additional information that could be included in this discussion, although we understand that cumulative effects as defined under the Section 7 consultation regulations are not as comprehensive as defined under NEPA.

*Recommendation:* In the FSEIS, discuss cumulative effects of past, present, and reasonably foreseeable future actions on the Quino checkerspot butterfly.

### **Living Resources**

Since the release of the DSEIS, the Fish and Wildlife Service has completed their Biological Opinion (BO) (dated 3/12/2010) and has concluded that, with the implementation of the conservation measures, the project will not threaten the continued existence of the Quino checkerspot butterfly.

*Recommendation:* Update the FSEIS to include avoidance and minimization measures. The FSEIS should include the BO as an Appendix<sup>21</sup> and reflect the formal consultation and final BO and its conclusions and Incidental Take Statement. We also recommend the

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<sup>21</sup> The BO Terms and Condition # 1.1 requires all terms and conditions and Conservation Measures in the BO to be incorporated as mandatory requirements in all documents pertinent to implementing project-related activities that affect the Quino checkerspot butterfly ("Quino")



project commit to the conservation recommendation regarding annual surveys within the temporary restricted area within the buffer area adjacent to Phase 19. The following are additional suggestions for updating the DSEIS:

- p. ES-19, lines 13-17 (refer also to USFWS' conclusion and BO);
- p. ES-32-33, Impacts and Mitigation Measures and Table ES-1 (include or reference BO Conservation Measures and Reasonable and Prudent Measures);
- p. ES-46, Table ES. 4-4: Rare, Threatened and Endangered Wildlife (include reference to final BO)
- p. 3.4-7, lines 4-5 (formal consultation was also completed and final BO was issued);
- p. 3.4-9, line 19 (BO also includes additional information about Quino);
- p. 4.4-5 Conservation Measures (also include the BO's Incidental Take Statement Reasonable and Prudent Measures)
- p. 4.4-5, line 31 (identify the BO as the Final March 12, 2010 BO);
- p. 4.4-8, line 2 (Insert the following sentence at the end of this line to be consistent with the BO: "The Service will be notified of the relocation in writing (via letter, email, or fax) within 24 hours following the relocation.").
- p. 4.4-11, lines 33-34 (include reference to final BO);
- p. 4.4-13, lines 23-24 (include the final BO as an appendix);
- p. 4.4-14 Table 4.4-1 (include references to BO and its requirements);
- p. 4.4-21, lines 16-17 (identify BO as final March 12, 2010 BO);
- p. 5-1, Table 5-2 (include reference to BO under Living Resources discussion of impacts);
- p. 6-1, lines 37-38 (revise to reflect that formal consultation was completed and final BO was issued);
- p. 6-2, lines 1-6 (include reference to BO and implementation of BO's Conservation Measures and Reasonable and Prudent Measures).

#### **Cooperative Agreement between CEPA and Cal/EPA**

The DSEIS indicates that the Cooperative agreement with the State of California is "still in force" (p. 3.1-3) but does not provide any status updates for the agreement. The agreement was signed in 1992 and certain elements require updating, at a minimum, the project description in Appendix A and possibly CEPA's Process Agent per Section IX (3). We understand from the State that contact has not yet been initiated.

*Recommendation:* In the FSEIS, confirm that the Tribe intends to update and abide by the cooperative agreement. We recommend the Tribe contact the State Water Resources Control Board and other appropriate agencies within Cal/EPA as soon as possible to initiate the update process.

#### **Socioeconomic Impacts**

The DSEIS does not provide an update on the assessment of impacts to property values and concludes that it is likely that landowner perceptions of property values near the proposed project would suffer but future property values near the project site cannot be predicted with confidence (p. 4.6-4). The DSEIS also concludes that there will be significant noise and visual impacts from the project.

*Recommendation:* BIA should consider reviewing more recent studies that have looked at the impact of municipal solid waste landfills on property values and provide an update to this impact discussion.

### **Noise Impacts**

The proposed project will result in unavoidable and significant noise impacts for adjacent properties east of the reservation boundary and for several tribal residences and the Campo Education Center off Church Road (p. ES-26). The DSEIS states that sound attenuation walls *should* (italics added) be placed between the haul road and residences where noise levels would exceed acceptable levels provided occupants of the residences in question agree to their installation. In the case of the Campo Education Center and other buildings in the vicinity of the Tribal Center, it states that sound attenuating windows and other noise dampening materials *should* be applied to the areas of the buildings exposed to truck traffic noise. The mitigation for the school is important to prevent acoustical barriers to learning, especially since young children are more susceptible than adults to the effects of background noise on spoken communication<sup>22</sup>.

*Recommendation:* The FSEIS should identify whether this mitigation will in fact occur, who would be responsible for implementing it, and how the measures would be funded. Mitigation for the Campo Education Center should attempt to approach the acoustics standard of the American National Standards Institute (ANSI), and could also include adding insulation, sealing gaps or leaks in windows and doors, installing baffles in vents, and improving the exterior roofing, consistent with radon safety.

### **Visual Impacts**

The DSEIS concludes that significant visual impacts will occur along the eastern edge of the proposed landfill (p. 4.9-2). While revegetation of the eastern berm is included in the RAMP, and this area will receive deeper-rooted species since it is not underlain by the liner system, it is not clear if revegetation of the berm will occur as soon as possible so plant growth can occur early and offer some mitigation for visual impacts. If this was not planned, we recommend it be considered, if feasible.

### **Minor and Editorial Comments**

- On page 2-28 it states that landfill operational activities are anticipated to occur 8-hours per day, 6 days per week but also indicates that workers would be required every day, 7 days a week over the life of the landfill (p. 2-31). Construction of new landfill cells would be 8 hours/day, 5 days per week (p. 4.2-11). Clarification of these hours would be helpful to the reader.
- For clarity, suggest revising the PDF of Appendix C-1 so that the graphed data does not appear on top of the table data.

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<sup>22</sup> ANSI S12.60-2002 American National Standard, *Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools*

- The section numbering is missing on page 2-11 for the Primary Liner System, the Leachate Collection and Recovery System (LCRS) Layers and on page 2-13 for the Operations Layer and the Liner Installation sections.
- On page 1-5, we suggest the following wording changes in Table 1.2 regarding EPA:  
"Works with other federal agencies to implement RCRA ~~conformity requirements and regulations promulgated pursuant to RCRA~~. ~~Reviews and submits recommendations for compliance with landfill design standards.~~The Proposed Action would ~~require conformance~~ be required to comply with 40 CFR ~~Part 241 (Guidelines for Land Disposal of Solid Wastes)~~ and Part 258 (Criteria for Municipal Solid Waste Landfills). For Municipal Solid Waste Landfills in Indian Country, U.S. EPA makes Site-Specific Flexibility determinations. Works with other federal agencies to implement Clean Air Act (CAA) and Clean Water Act (CWA) ~~conformity requirements.~~"  
On p. 1-6, line 23-24, we suggest changing sentence as follows: ~~The U.S. EPA has review through permitting processes and regulatory jurisdiction through citizen suites~~ For Municipal Solid Waste Landfills in Indian Country, U.S. EPA makes Site-Specific Flexibility determinations.
- p. 4.2-6, top of page should read section 4.4.5.2 not 4.4.6.2 for non-wetland Waters of the U.S.



# **APPENDIX M-2**

*Torrey Wind Project Phase 1 ESA*



**Phase I Environmental Site Assessment  
Torrey Wind Project  
San Diego County, California  
PDS 2018-MUP-18-014**

*Prepared for:*

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**SEPTEMBER 2018**

  
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Environmental Engineer





**Phase I Environmental Site Assessment  
Torrey Wind Project**

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## ACRONYMS AND ABBREVIATIONS

Acronym	Definition
ASTM	American Society for Testing and Materials
CFR	Code of Federal Regulations
DTSC	Department of Toxic Substances Control
ESA	Environmental Site Assessment
PCB	polychlorinated biphenyl
Project	Torrey Wind Project
REC	recognized environmental condition
UST	underground storage tank

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Torrey Wind Project**

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# Phase I Environmental Site Assessment Torrey Wind Project

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## 1 EXECUTIVE SUMMARY

A Phase I Environmental Site Assessment (ESA) was conducted for the Torrey Wind Project (Project), which is located north of the intersection of Interstate 8 and State Route 94, approximately 10 miles north of the U.S./Mexico international border in San Diego County, California (Project site). The Assessor's Parcel Numbers for the Project site are as follows: 529-050-01, 529-060-01, 529-090-02, 529-100-01, 529-100-02, 529-100-03, 529-120-01, 529-120-03, 529-130-01, 611-010-01, 611-010-02, 611-010-03, and 611-020-01. The Project site is approximately 2,041 acres (Figure 1, Project Location).

The findings of this investigation are based on a review of historical source information, a search of regulatory agency databases within specified distances of the Project site, review of available local agency records, interviews, and a site reconnaissance.

Information gathered for this report indicated the following:

- Much of the Project site appears to have remained vacant, undeveloped land since 1939. The southwestern portion of the Project site may have been used as agricultural land (for ranching) in the past, although the dates of this potential land use are unknown. A feature labeled "Airway Beacon" was depicted on the northern portion of the Project site on historical topographic maps from 1959–1997. The southern portion of the Project site may have been used for residential purposes starting as early as 1939. The Project site is not currently being used as a residence.
- Five groundwater wells were observed on the Project site. Two of the wells each had an associated pump motor and an aboveground storage tank. The motors associated with water wells were observed to be in disrepair. The smaller of the two motors was sitting directly on the ground and the vegetation around it appeared to be stressed. Petroleum odors were observed in the vicinity of both aboveground storage tanks.
- Debris was observed in several locations on the Project site. Notably, metal debris, including metal sheets, an old stove, and an abandoned pipe, were observed on the northern portion of the Project site; metal wire, tires, glass, and other debris were observed near a camping area; and empty cattle feed and water containers were observed near a cattle yard.
- Signage related to an electrical transmission line that crosses the property indicated that herbicides were in use on the Project site.
- Adjacent and nearby land uses are power generation using wind turbines, residential uses, and undeveloped land.

## Phase I Environmental Site Assessment Torrey Wind Project

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- It is unlikely that adjacent or nearby properties have impacted the environmental conditions at the Project site.
- Asbestos and/or lead may be present in the uninhabitable structures observed on the Project site, given that they were constructed prior to 1959.

Dudek performed this Phase I ESA of the Project site in conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in Section 13, Limitations, of this report. This assessment revealed no evidence of RECs in connection with the Project site. Dudek did identify environmental concerns, for which recommendations are stated below. However, if the Project is not going to disturb the areas where environmental concerns were identified, these recommendations are not the responsibility of the lessee, Torrey Wind LLC.

- The groundwater well pumps, motors, and tanks should be properly decommissioned and disposed of in accordance with applicable local, state, and federal guidelines and/or regulations. If impacted or stained soil is observed during disposal, additional investigation or sampling may be necessary.
- Soil sampling for herbicides should be conducted in the vicinity of signage that indicates that herbicides are in use and in other areas of the Project site if herbicides are used beyond the signage areas.
- Groundwater wells on the Project site that are not in use and remain open should be properly abandoned in accordance with applicable local, state, and federal guidelines and/or regulations.
- Solid debris and waste chemicals that are located on the Project site should be properly characterized and disposed of in accordance with applicable local, state, and federal guidelines and/or regulations.

# Phase I Environmental Site Assessment Torrey Wind Project

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## 2 INTRODUCTION

This Phase I ESA was performed according to the guidelines stipulated in the ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This Phase I ESA was conducted to assist with environmental due diligence for construction of a renewable energy facility.

### 2.1 Assessment Procedure and Scope of Investigation

Phase I ESAs assist in identifying past and present land use, including identification of possible releases or disposal of manufacturing or other wastes if such information is contained within regulatory reports or files, and/or is currently visible on site. The assessment reviews local, county, state, and U.S. Environmental Protection Agency lists of known or potentially hazardous waste sites, landfills, and sites currently under investigation for environmental violations that may be of concern to a site.

The scope of this environmental investigation consisted of a reconnaissance of the Project site; a search of regulatory agency records; review of available historical aerial photographs, topographic maps, and City Directory listings; interview of a representative of the property owner; and preparation of this Phase I ESA report detailing the findings of the investigation.

These activities were conducted to identify RECs. The term “recognized environmental condition” means the presence or likely presence of any hazardous substances or petroleum products under conditions that indicate an existing release, a past release, or a material threat of a release into the ground, groundwater, or surface water.

The term “controlled recognized environmental condition” (controlled REC) is an environmental condition that would have been considered a REC in the past, but that has been remediated and received risk-based closure by a regulatory agency (i.e., no further action letter) where residual contamination remains in place. In addition, “controlled REC” is used if the property is subject to a control or use restriction (i.e., property use restrictions, activity and use limitations, institutional controls, or engineering controls) due to residual on-site contamination.

The term “historical recognized environmental condition” (historical REC) is an environmental condition that would have been considered a REC in the past, but that has been remediated and received unrestricted residential use closure by the regulatory agency. Therefore, no controls or use restrictions have been applied to the property.

The term “recognized environmental condition” is not intended to include *de minimus* conditions. *De minimus* conditions are conditions that generally do not present a material risk of harm to public

# Phase I Environmental Site Assessment Torrey Wind Project

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health or the environment, and would not be the subject of an enforcement action if brought to the attention of governmental agencies.

## **2.2 Qualifications of Environmental Professionals**

This Phase I ESA was prepared by Claire Kouba, environmental engineer; Nicole Tucker, hydrogeologist; and Glenna McMahon, environmental engineer. Qualifications for Ms. Kouba, Ms. Tucker, and Ms. McMahon are presented in Appendix A, Qualifications of Environmental Professionals.

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in Section 312.10 of 40 Code of Federal Regulations (CFR) 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Project site. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



# Phase I Environmental Site Assessment

## Torrey Wind Project

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### 3 SITE LOCATION

The Project site consists of approximately 2,041 acres of land located north of the intersection of Interstate 8 and State Route 94, approximately 10 miles north of the U.S./Mexico international border in San Diego County, California (Figure 1).

The Project site is composed of Assessor's Parcel Numbers 529-050-01, 529-060-01, 529-090-02, 529-100-01, 529-100-02, 529-100-03, 529-120-01, 529-120-03, 529-130-01, 611-010-01, 611-010-02, 611-010-03, and 611-020-01.

The Project site is currently vacant, and it is bordered by vacant land. Some nearby areas to the northwest, north, and northeast have been developed with wind turbines, and a low-density residential area is located to the southeast. In general, the Jacumba Mountains are located to the east, the Manzanita Reservation is to the west, the In-Ko-Pah Mountains are to the north, and Interstate 8 is to the south of the Project site.

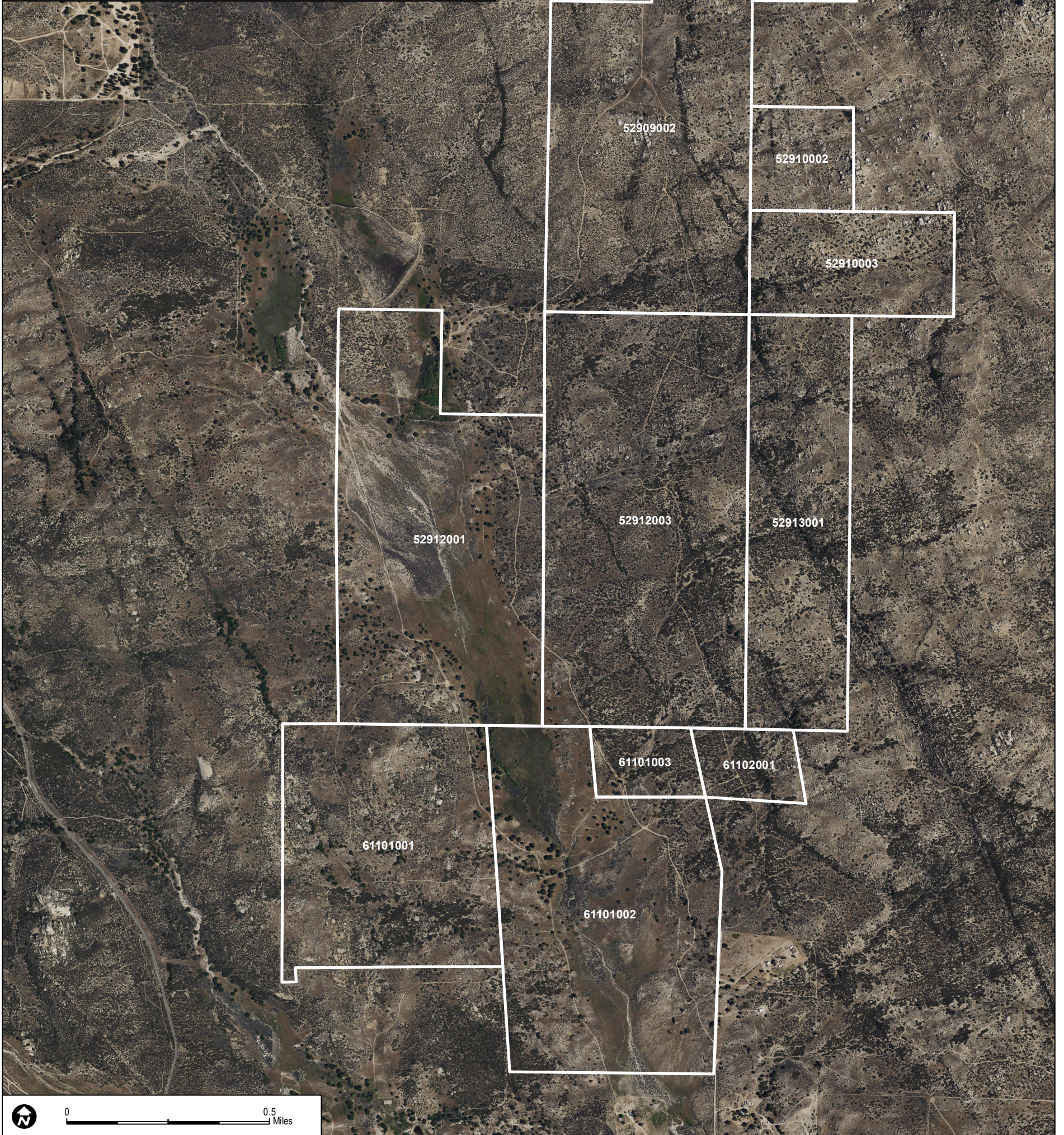
Prior to acquisition of the property, the Project site has been historically used for recreational vehicle activity, including motocross, all-terrain vehicle (ATVs) use, and other recreational off-highway sporting use. Existing on-site motor sport trails traverse various portions of the Project site. Such motorized sporting activities continue to take place on site.

Additionally, the BLM-managed McCain Valley Recreation Management Zone (RMZ) is located directly north and east of the Project site. Off-Highway Vehicle (OHV) use is considered a primary activity in the McCain Valley RMZ as identified in the Eastern San Diego County Resource Management Plan, and the Lark Canyon OHV Staging Area is located approximately 1 mile east of the Project site on McCain Valley Road (BLM 2008).

**Phase I Environmental Site Assessment  
Torrey Wind Project**

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**DUDEK**

SOURCE: NAIP 2016

June 2018

Torrey Wind Phase I ESA

**FIGURE 1**  
**Project Location**

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# Phase I Environmental Site Assessment Torrey Wind Project

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## 4 ENVIRONMENTAL SETTING

General topographic information for the Project site and surrounding area was obtained from a review of topographic maps (Appendix B, Historical Topographic Maps) and from a site visit. Topography of the Project site is gradually sloping from northeast to southwest. The elevation of the Project site ranges from approximately 4,100 (in the northeast) to 3,650 (in the south) feet above mean sea level.

No subsurface geologic investigations were performed as part of this Phase I ESA. According to the U.S. Department of Agriculture National Cooperative Soil Survey, the Project site is mapped as underlain by coarse sandy loam, rocky and loamy coarse sand, and loamy alluvial land (Appendix C, Physical Setting Maps).

Three water wells on the Project site were found during a records search, and five additional wells were located within 0.5 miles of the Project site boundary (Appendix D, Water Well Report). Five water wells were observed on the Project site during site reconnaissance. Two of the wells are abandoned with no cap. One well in the northeastern portion of the Project site is a monitoring well with a locked cover. The remaining two wells are on the former ranchland to the west, and each is associated with a non-operational pump and motor, and an aboveground storage tank (see Section 6).

The California Division of Oil, Gas, and Geothermal Resources' online database, which has information for all known oil and gas wells in the state, was reviewed for wells on and near the Project site. According to this database, no oil, gas, or geothermal production wells are located within 6 miles of the Project site (Appendix E, Oil and Gas Report).

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# Phase I Environmental Site Assessment Torrey Wind Project

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## 5 INTERVIEWS

### 5.1 Site Representative Interview

Eugene Gabrych, owner of the Project site, and James Hoxie, occupant of the Project site, completed Property Background Information Questionnaires for the Project site (Appendix F, Interviews).

Mr. Gabrych and Mr. Hoxie stated that the Project site is vacant, open land. A portion of the Project site is used for grazing part of the year. There are no industrial uses of the Project site or adjacent sites. There is no chemical storage or dumping on the Project site. The interviewees stated that they did not know whether underground or aboveground tanks exist, or had existed previously, on the Project site, nor if the Project site was served by a private well or a non-public water source. The interviewees stated that they did not know if transformers or capacitors that may contain polychlorinated biphenyls (PCBs) were present on the Project site, nor if pesticides, herbicides, or insecticides had been applied on the Project site.

### 5.2 User-Provided Information

In accordance with ASTM Standard E 1527-13, to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the user must provide answers to the questions below (if the information is available) to the environmental professional. James Hoxie of Torrey Wind, LLC responded to the user questions. Answers are included below.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

Answer: No

2. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

Answer: No

3. As the user of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

## Phase I Environmental Site Assessment Torrey Wind Project

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Answer: No

4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Answer: Yes

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

- a) do you know the past uses of the property?

Answer: No

- b) do you know of specific chemicals that are present or once were present at the property?

Answer: No

- c) do you know of spills or other chemical releases that have taken place at the property?

Answer: No

- d) do you know of any environmental cleanups that have taken place at the property?

Answer: No

6. As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Answer: No

### **5.3 Local Agency Records**

#### **5.3.1 San Diego Department of Toxic Substance Control**

Dudek contacted the Department of Toxic Substance Control (DTSC) to obtain information about spills, tanks, or chemical use that may have impacted the environmental conditions on the Project site. DTSC responded that no such records exist pertaining to the Project site (Appendix G, Regulatory Agency Records).



## **Phase I Environmental Site Assessment Torrey Wind Project**

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### **5.3.2 San Diego Regional Water Quality Control Board**

Dudek contacted the San Diego Regional Water Quality Control Board to obtain records of spills, tanks, or other releases that may have impacted the environmental conditions on the Project site. The Regional Water Quality Control Board responded that it does not have any records for the Project site (Appendix G).

### **5.3.3 County of San Diego Department of Agriculture, Weights, and Measures**

Dudek contacted the County of San Diego Department of Agriculture, Weights, and Measures to obtain records related to any pesticides that may have been used on the Project site. The Department Agriculture, Weights, and Measures responded that it has no records pertaining to the Project site (Appendix G).

### **5.3.4 County of San Diego Department of Environmental Health**

Dudek contacted the County of San Diego Department of Environmental Health to obtain records related to any hazardous materials, monitoring wells, or contaminated property investigations that may be associated with the Project site. The Department of Environmental Health responded that no records were found pertaining to the Project site (Appendix G).

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Torrey Wind Project**

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## 6 SITE RECONNAISSANCE

A site reconnaissance of the Project site was conducted on May 29, 2018, by Nicole Tucker of Dudek. The site reconnaissance consisted of driving through the majority of the Project site, walking some of the perimeter and around an area of observed human use, stopping to record observations, and taking photographs. Photographs are presented in Appendix H, Site Photographs. Locations of key observations are shown in Figure 2, Site Map.

Land cover on the Project site is primarily arid shrubland with some rocky outcroppings. Ranchland appeared to be the dominant land use on the lowland western portion of the Project site, and the eastern section was mostly undeveloped, natural landscape. The ranchland appeared not to be in use. Numerous dirt bike trails were observed throughout the Project site. A large transmission line was observed crossing the northern portion of the Project site running northeast to southwest (Figure 2). One partially standing building and one possible collapsed structure was present on the southeastern portion of the Project site, and one collapsed structure was observed on the northeastern portion of the Project site (Figure 2).

On the ranchland in the southwestern portion of the Project site, the following features were observed: two developed wells, no longer in use; a cattle yard; an area of solid debris that appeared to be a collapsed structure; and one house structure with a collapsed roof and abandoned well. In the northern portion of the Project site, the following features were observed: one collapsed structure and a monitoring well, an abandoned well with a cistern, metal debris, an old stove, and an abandoned pipe (Figure 2).

Wind turbines were observed on the adjacent properties to the east and north of the Project site. The adjacent properties to the southeast are rural residences. The rest of the adjacent land appears vacant and undeveloped.

### 6.1 Limitations

Some areas of the Project site are remote and not accessible by vehicle. Based on aeriels and observations from high points on site, no development was present in these areas.

### 6.2 Summary of Observations

#### Wetlands and Natural Waterways

A dry stream bed was observed along the western portion of the Project site. The lowland area in the southwestern portion of the Project site appears to have groundwater-dependent vegetation, but at the time of the site visit, the soil was dry.

# Phase I Environmental Site Assessment

## Torrey Wind Project

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### Surface Water Discharge

No storm drains or other surface water infrastructure was observed on the Project site. The surface area of the Project site is unpaved, and it is likely that precipitation infiltrates into the ground or flows into the floodplain and dry stream beds and flows south–southwest.

### Distressed Vegetation

Around the area of one of the well pump motors, the vegetation appeared stressed (Photograph 22).

### Indications of Solid Debris Storage

A few tires were observed around the Project site, potentially from recreational off-road vehicles. In two areas, more prevalent trash was observed (Figure 2). One area was near an abandoned well on the northern part of the Project site (Photograph 33). Scattered around the area, close to the dirt roads, were metal sheets, canisters, and parts of drums. A stove and large pipe were found more than 500 feet south of the area. The other area was close to the cattle yard (Photograph 36) in the southeastern portion of the Project site. Abandoned cattle feed and water containers were observed (Photograph 37). Debris was observed near the banks of the stream bed, including canisters, parts of drums, metal wire, tires, and glass (Photographs 38 and 39).

### Chemical Storage or Use

Two 5-gallon fuel containers were observed at an apparent camping location 110 feet north of the cattle yard (Photographs 41 and 42; Figure 2). One blue drum, approximately 8 to 15 gallons, with a faded label was observed in the dry stream bed 400 feet east of the cattle yard (Photograph 40).

Signage related to the transmission line that crosses the property indicated that herbicides were in use on the Project site (Photo 35).

### Unnaturally Colored Water

No unnaturally discolored pools or flowing water were observed on the Project site.

### Groundwater Wells, Cisterns, Cesspools, and Septic Tanks

Five wells were observed on the Project site (Figure 2). One was an observation well with a locked cap located on top of a hill near the collapsed structure on the northern portion of the Project site (Photograph 26). Two were abandoned wells with no covers: one in the north-central section (Photograph 30) and one in the southwest section of the Project site near the house with a collapsed

## Phase I Environmental Site Assessment Torrey Wind Project

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roof (Photograph 44). Two wells were located on the ranchland on the western part of the Project site (Photographs 22 and 25). Both had pumps and motors that are no longer operable.

Close to one of the abandoned wells was a cistern-like structure with debris inside of it (Photograph 31).

### **Drains, Sumps, Ponds, Pits, and Lagoons**

No drains, sumps, ponds, pits, or lagoons were observed on the Project site.

### **Transformers and Evidence of Polychlorinated Biphenyls**

Transmission lines cross the northern portion of the Project site. No transformers or visual indications of staining were observed (Photograph 35).

Two motors associated with water wells were observed to be in disrepair. No dates were discernible on the labels. The smaller of the two was sitting directly on the ground and the vegetation around it appeared stressed (Photograph 22).

### **Abnormal Odor**

Petroleum odors were present near the open ports of the two aboveground storage tanks (Figure 2).

### **Soil Disturbances**

Soil disturbances were observed near the smaller of the two wells with motors (Photograph 20; Figure 2). They appeared to be caused by animals.

### **Storage Tanks**

Two aboveground storage tanks were observed on the Project site (Figure 2). Both storage tanks were associated with groundwater well pumps. One was a rusted 2,000-gallon tank (Photograph 20) with open ports at the top. Liquid was observed in the tank, and the tank appeared to be approximately one-third full. Petroleum odors were observed near the tank. The second tank was larger, potentially 3,000 to 4,000 gallons (Photograph 23), but the exact volume could not be confirmed because the label had rusted over and was located on top of the tank. The ports at the top were open and petroleum odors were observed near the ports.

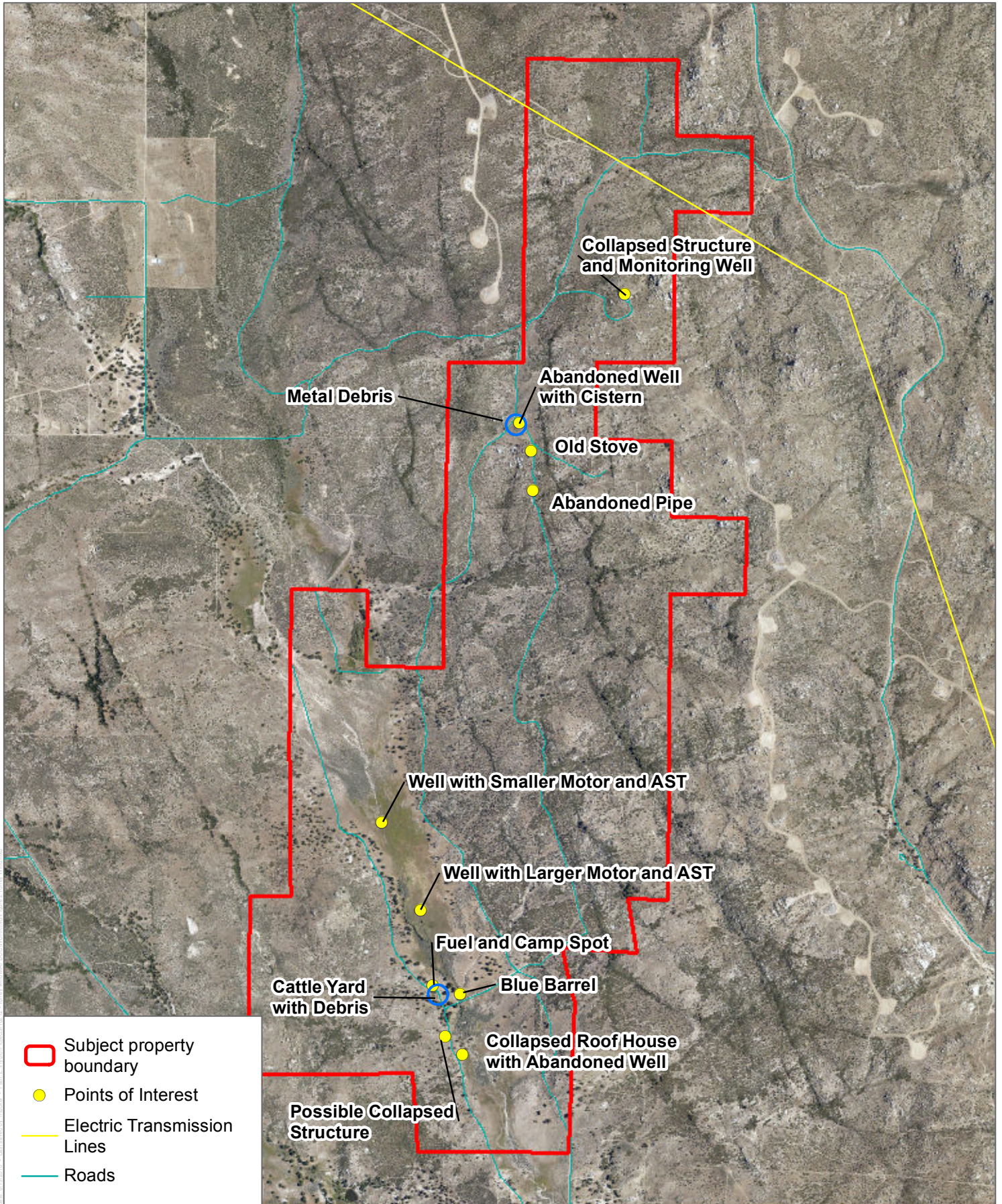
No signs of underground storage tanks were observed.

## Phase I Environmental Site Assessment Torrey Wind Project

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### Pipelines

One rusted and disconnected pipe, approximately 9 inches in diameter, was found south of the north-central abandoned well (Photograph 34). Disconnected piping, which appeared to be aluminum and was approximately 1 inch in diameter, was found near the observation well (Photograph 27).



SOURCE: ArcGIS Image Service

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# Phase I Environmental Site Assessment Torrey Wind Project

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## 7 REVIEW OF HISTORICAL AERIAL PHOTOGRAPHS

Dudek reviewed historical aerial photographs from GeoSearch for the years 1943, 1953, 1955, 1968, 1975, 1984, 1994, 1996, 2005, 2009, 2010, 2012, 2014, and 2016 (Appendix I, Historical Aerial Photographs).

The photographs indicate that the Project site has been vacant land since 1943. The aerial photographs are described in Table 1.

**Table 1  
Summary of Historical Aerial Photographs**

Date	Description
1943	The Project site appears to be vacant land. The topography appears to be characterized by gullies and a large alluvial wash crossing the southwestern portion of the Project site. The area surrounding the Project site appears to be vacant land. A dark shape in the middle of the Project site appears to be a clip or marker used to align adjacent aerial photographs.
1953	The Project site and surrounding area appear to be vacant land. Lighter-colored lines, which appear to be unimproved roads, are visible on the Project site and in the area surrounding the Project site. Two apparent roads cross the southwestern portion of the Project site parallel to the large alluvial wash, and one crosses northern half of the Project site. Dark shapes on and near the Project site appear to be clips or markers used to align adjacent aerial photographs. The remaining portions of the Project site and surrounding areas appear to be similar to the 1943 aerial photograph.
1955	The Project site and surrounding areas appear to be similar to the 1953 aerial photograph.
1968	The Project site and surrounding areas appear to be similar to the 1955 aerial photograph, although the photo quality is very poor.
1975	More light-colored lines, which appear to be unimproved roads, are visible to the south of the Project site than in the 1955 aerial photograph. A larger light-colored line, which appears to be a larger road, is visible northeast of the Project site. The remaining portions of the Project site and surrounding areas appear to be similar to the 1955 aerial photograph.
1984	More light-colored lines, which appear to be unimproved roads, are visible on the Project site than in the 1975 aerial photograph. Small areas of land south of the Project site appear to have been converted to agriculture. The remaining portions of the Project site and surrounding areas appear to be similar to the 1975 aerial photograph.
1994	Several small structures are located south and east of the southern portion of the Project site. The remaining portions of the Project site and surrounding areas appear to be similar to the 1984 aerial photograph.
1996	The Project site and surrounding areas appear to be similar to the 1994 aerial photograph.
2005	Additional buildings are visible south and east of the southern portion of the Project site. The remaining portions of the Project site and surrounding areas appear to be similar to the 1996 aerial photograph.
2009	The Project site and surrounding areas appear to be similar to the 2005 aerial photograph.
2010	The Project site and surrounding areas appear to be similar to the 2009 aerial photograph.
2012	The Project site and surrounding areas appear to be similar to the 2010 aerial photograph.
2014	The Project site and surrounding areas appear to be similar to the 2012 aerial photograph.
2016	The Project site and surrounding areas appear to be similar to the 2014 aerial photograph.

Source: Appendix I

**Phase I Environmental Site Assessment  
Torrey Wind Project**

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## Phase I Environmental Site Assessment Torrey Wind Project

### 8 REVIEW OF HISTORICAL TOPOGRAPHIC MAPS

Dudek reviewed historical topographic maps from 1939, 1942, 1959, 1960, 1975 (photorevised from 1959 image), 1997, and 2012 (Appendix B). The topographic maps are a historical source that can be used to document prior use of the Project site and surrounding area.

The topographic maps are described in Table 2.

**Table 2**  
**Summary of Historical Topographic Maps**

Date	Map Name(s)	Scale	Description
<i>Northern Portion of Project Site</i>			
1942	Cuyapaibe	1:62,500	<p>The northern section of the Project site appears to be vacant land.</p> <p>The Manzanita Indian Reservation and several buildings are depicted to the west of the Project site. No buildings are depicted on the Project site. An unimproved road crosses the northern portion of the Project site.</p> <p>The In-Ko-Pah Mountains are depicted to the north of the Project site.</p>
1960	Mount Laguna	1:62,500	<p>The northern section of the Project site and surrounding areas appear similar to the 1942 Cuyapaibe topographic map.</p> <p>The unimproved road crossing the northern portion of the Project site, visible in the 1942 Cuyapaibe topographic map, is now labeled Lost Valley Road. A feature labeled "Airway Beacon" is identified in the northeastern portion of the Project site. An unnamed spring is depicted near the western boundary of the Project site.</p> <p>The Anza-Borrego Desert State Park is labeled to the north of the Project site.</p>
1959	Live Oak Springs, Sombrero Peak	1:24,000	<p>The northern portion of the Project site appears similar to the 1960 Mount Laguna topographic map.</p>
1959 (photorevised 1975)	Live Oak Springs, Sombrero Peak	1:24,000	<p>The northern portion of the Project site and surrounding area appear similar to the 1959 Live Oak Springs, Sombrero Peak topographic maps. A dry lake/pond is now depicted east of the Project site. The large road east of the Project site is now labeled as McCain Valley Road.</p>
1997	Live Oak Springs, Sombrero Peak	1:24,000	<p>The northern portion of the Project site and surrounding area appear similar to the 1959 (photorevised 1975) Live Oak Springs, Sombrero Peak topographic maps.</p>
2012	Live Oak Springs, Sombrero Peak	1:24,000	<p>No buildings are depicted on the northern portion of the Project site or in the surrounding area. Roads are labeled on the Project site and in surrounding areas.</p>

## Phase I Environmental Site Assessment Torrey Wind Project

**Table 2**  
**Summary of Historical Topographic Maps**

Date	Map Name(s)	Scale	Description
<i>Southern Portion of Project Site</i>			
1939	Campo	1:62,500	<p>The southern portion of the Project site appears to be vacant land.</p> <p>Much of the Project site falls within a land feature identified as McCain Valley. Tule Creek runs northwest to southeast through the southwestern portion of the Project site. A marsh area is depicted on the Project site along the course of Tule Creek. An unimproved road crosses the southwestern portion of the Project site, approximately parallel to and south of Tule Creek. Two buildings are indicated on the Project site: one near the southern end and one near the top of the map (near the middle of the Project site).</p> <p>The Manzanita and Campo Indian Reservations are depicted to the west and south of the Project site. Several buildings, accessible via unimproved roads, are depicted south of the Project site. Three small collections of buildings, labeled Live Oak Springs, Manzanita, and Boulevard, are located south of the Project site, along Interstate 8.</p>
1942	Campo	1:62,500	The southern portion of the Project site and surrounding areas appear similar to 1939 Campo topographic map.
1959	Campo	1:62,500	<p>Parts of the southern portion of the Project site are now depicted as shrubland. A second unimproved road now traverses the Project site, running generally north/south. Only one building is depicted on the Project site, near the southern boundary. A windmill is depicted west of the marsh area along Tule Creek.</p> <p>Additional roads and an airstrip are depicted southeast of the Project site. More buildings are now depicted in the communities of Live Oak Springs, Manzanita, and Boulevard.</p>
1959	Live Oak Springs, Sombbrero Peak	1:24,000	The southern portion of the Project site and surrounding area appear similar to the 1959 Campo topographic map.
1959 (photorevised 1975)	Live Oak Springs, Sombbrero Peak	1:24,000	The southern portion of the Project site and surrounding area appear similar to the 1959 Campo topographic map. A dry lake/pond is now depicted east of the Project site.
1997	Live Oak Springs, Sombbrero Peak	1:24,000	The southern portion of the Project site and surrounding area appear similar to the 1959 (photorevised 1975) Live Oak Springs and Sombbrero Peak topographic maps.
2012	Live Oak Springs, Sombbrero Peak	1:24,000	No buildings are depicted on the southern portion of the Project site or in the surrounding area, and the windmill is no longer depicted. The course of Tule Creek through the southwestern portion of the Project site runs dry in a location where a marsh was depicted in the 1997 Live Oak Springs and Sombbrero Peak topographic maps. Roads are labeled on the Project site and in surrounding areas.

# Phase I Environmental Site Assessment

## Torrey Wind Project

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### 9 SITE HISTORY

Based on a review of the historical aerial photographs, agency records, and the site representative interview, much of the Project site appears to have remained vacant, undeveloped land since 1939. The southwestern portion of the Project site may have been used as agricultural land (for ranching) in the past, although the dates of this potential land use are unknown. Signage associated with a transmission line crossing the northern portion of the Project site indicate that herbicides were used on the Project site. A structure, presumed to be a residence potentially associated with ranching activity, was depicted in historical topographic maps on the southern portion of the Project site starting in 1939.

Two structures were identified during the site reconnaissance, both of which are currently in disrepair and uninhabitable. One structure is located in proximity to, and may be associated with, a feature labeled “Airway Beacon” on historical topographic maps from 1959–1997. The other structure appears to have been a residence. Adjacent and nearby land uses are power generation using wind turbines, residential uses, and undeveloped land.

Historical Sanborn fire insurance rate maps were not requested from GeoSearch. Sanborn maps provide information regarding historical uses of a site and surrounding properties. Sanborn maps typically exist only for cities with populations of 2,000 or more; the coverage is dependent on the location of the subject site within the city limits. The Project site is not located within a town; therefore, City Directory records were not requested.

Vapor encroachment can be ruled out for the Project site and adjoining properties, since no cases were located on or surrounding the Project site.

**Phase I Environmental Site Assessment  
Torrey Wind Project**

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## Phase I Environmental Site Assessment Torrey Wind Project

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### 10 PUBLIC AGENCY RECORDS SEARCH REVIEW

The regulatory database search gives a listing of sites within up to a 1-mile-radius of a property (“target property” is the term used by GeoSearch) that are known to be chemical handlers, hazardous waste generators, or polluters. Information in these listings includes the location of the site relative to the property, sources of pollution, and the status of the site. The search performed for this Phase I ESA was conducted in June 2018 by GeoSearch. The database search report is included as Appendix J, Records Search Report.

The Project site was not listed in the regulatory databases searched by GeoSearch.

The following sections list the databases that were searched and search distances from the Project site.

#### 10.1 U.S. Environmental Protection Agency Federal Sources

The regulatory databases listed in Table 3 were included in this search.

**Table 3  
Federal Regulatory Databases**

Acronym	Database	Search Distance	Project Site Listed?	Number of Sites Listed
NPL	National Priorities List (including proposed NPL sites)	1 mile	No	0
Proposed NPL	Proposed National Priority List Sites	1 mile	No	0
Delisted NPL	National Priority List Deletions	1 mile	No	0
NPL LIENS	Federal Superfund Liens	Target Property	No	0
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)	0.5 miles	No	0
CERCLIS NFRAP	CERCLIS No Further Remedial Action Planned	0.5 miles	No	0
CORRACTS	Resource Conservation and Recovery Act (RCRA) Corrective Action	1 mile	No	0
RCRA TSDF	RCRA – Transportation, Storage, and Disposal	0.5 miles	No	0
RCRA GEN	RCRA registered small or large generators of hazardous waste	0.25 miles	No	0
ERNS	Emergency Response Notification System of Spills	Target Property	No	0
HMIRS	Hazardous Materials Information Reporting System	Target Property	No	0
US ENG CONTROLS	Sites with Engineering Controls	0.5 miles	No	0
US INST CONTROLS	Sites with Institutional Controls	0.5 miles	No	0
DOD	Department of Defense Sites	1 mile	No	0
FUDS	Formerly Used Defense Sites	1 mile	No	0
US BROWNFIELDS	A Listing of Brownfields Sites	0.5 miles	No	0



## Phase I Environmental Site Assessment Torrey Wind Project

**Table 3  
Federal Regulatory Databases**

Acronym	Database	Search Distance	Project Site Listed?	Number of Sites Listed
CONSENT	Superfund (CERCLA) Consent Decrees	1 mile	No	0
ROD	Record of Decision	1 mile	No	0
UMTRA	Uranium Mill Tailings Sites	0.5 miles	No	0
ODI	Open Dump Inventory	0.5 miles	No	0
TRIS	Toxic Release Inventory Database	Target Property	No	0
TSCA	Toxic Substance Control Act	Target Property	No	0
FTTS	Federal Insecticide, Fungicide, and Rodenticide Act/TSCA Tracking System	Target Property	No	0
SSTS	Section 7 Tracking Systems	Target Property	No	0
ICIS	Integrated Compliance Information System	Target Property	No	0
US CDL	Clandestine Drug Lab Locations	Target Property	No	0
LUCIS	Land Use Control Information System for former Navy base realignment and closure properties	0.5 miles	No	0
RADINFO	Radiation Information Database	Target Property	No	0
PADS	PCB [polychlorinated biphenyl] Activity Database System	Target Property	No	0
MLTS	Material Licensing Tracking System	Target Property	No	0
MINES	Mines Master Index File	0.25 miles	No	0
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report	Target Property	No	0
RAATS	RCRA Administrative Action Tracking System	Target Property	No	0
LIENS2	CERCLA Lien Information	Target Property	No	0
DOT OPS	Department of Transportation, Office of Pipeline Safety Incident and Accident database	Target Property	No	0
US HIST CDL	National Clandestine Laboratory Register	Target Property	No	0
RCRA-NonGen	RCRA – Non Generators	0.25 miles	No	0
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Target Property	No	0
FEDERAL FACILITY	Federal Facility Site Information Listing	1 mile	No	0
COAL ASH DOE	Steam-Electric Plan Operation Data	Target Property	No	0
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	0.5 miles	No	0
PCB TRANSFORMER	PCB Transformer Registration Database	Target Property	No	0
Additional Environmental Records		Varies	No	0

Source: Appendix J

## Phase I Environmental Site Assessment Torrey Wind Project

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The Project site was not listed in the federal regulatory databases searched by GeoSearch. State regulatory agency databases are discussed in Section 10.2, State Searches.

No additional sites were listed in the federal regulatory databases searched by GeoSearch.

### 10.2 State Sources

The regulatory databases listed in Table 4 were consulted in this search.

**Table 4  
State Regulatory Databases**

Acronym	Database	Search Distance	Project Site Listed?	Number of Sites Listed
Hist Cal-Sites	Calsites Database	1.0 mile	No	0
CA Bond Exp. Plan	Bond Expenditure Plan	1.0 mile	No	0
SCH	Proposed and Existing School Sites Being Evaluated By DTSC	0.25 miles	No	0
Toxic Pits	Toxic Pits Cleanup Facilities	1.0 mile	No	0
WMUDS/SWAT	Waste Management Unit Database/Solid Waste Assessment Test	0.5 miles	No	0
CORTESE	State Index of Properties with Hazardous Waste	0.5 miles	No	0
SWRCY	Recycling Facilities in California	0.5 miles	No	0
LUST	Leaking Underground Storage Tank [UST]	0.5 miles	No	0
CA FID UST	Facility Inventory Database	0.25 miles	No	0
SLIC	Statewide SLIC Cases	0.5 miles	No	0
UST	Registered Underground Storage Tanks, Including Tanks On Indian Land and Historic USTs	0.25 miles	No	0
HIST UST	Historic Underground Storage Tank	0.25 miles	No	0
AST	Registered Aboveground Storage Tanks	0.25 miles	No	0
SWEEPS UST	UST listing maintained by Regional Water Quality Control Board in the 1980s	0.25 miles	No	0
CHMIRS	California Hazardous Waste Material Incident Report System	Target Property	No	0
Notify 65	Proposition 65	1.0 mile	No	0
DEED	Department of Health Services – Land Use and Air Assessment	0.5 miles	No	0
VCP	Voluntary Cleanup Program Properties	0.5 miles	No	0
DRYCLEANERS	Dry Cleaner Facilities	0.25 miles	No	0
WIP	Well Investigation Program Case List	0.25 miles	No	0
CDL	Clandestine Drug Labs	Target Property	No	0
LIENS	Environmental Liens in California where DTSC is the lien holder	Target Property	No	0

## Phase I Environmental Site Assessment Torrey Wind Project

**Table 4  
State Regulatory Databases**

Acronym	Database	Search Distance	Project Site Listed?	Number of Sites Listed
RESPONSE	State Response Sites	1.0 mile	No	0
HAZNET	Hazardous Waste Information System	Target Property	No	0
EMI	Emissions Inventory Data	Target Property	No	0
ENVIROSTOR	EnviroStor Database	1.0 mile	No	0
INDIAN RESERV	Indian Reservations	1.0 mile	No	<b>2</b>
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land	0.5 miles	No	0
INDIAN UST	Underground Storage Tanks on Indian Land	0.25 miles	No	0
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	0.5 miles	No	0
INDIAN VCP	Voluntary Cleanup Priority Listing	0.5 miles	No	0
SWF/LF	Solid Waste Information System	0.5 miles	No	0
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	0.5 miles	No	0
HIST CORTESE	Hazardous Waste and Substances Site List	0.5 miles	No	0
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	0.5 miles	No	0
FEMA UST	Underground Storage Tank Listing	0.25 miles	No	0
HAULERS	Registered Waste Tire Haulers Listing	Target Property	No	0
NPDES	NPDES Permit Listing	Target Property	No	0
WDS	Waste Discharge System	Target Property	No	0
PROC	Certified Processors Database	0.5 miles	No	0
MWMP	Medical Waste Management Program Listing	0.25 miles	No	0
HWT	Registered Hazardous Waste Transporters Database	0.25 miles	No	0
FINANCIAL ASSURANCE	Financial Assurance Information Listing	Target Property	No	0
HWP	Envirostor Permitted Facilities Listing	1.0 mile	No	0
LDS	Land Disposal Sites Listing	Target Property	No	0
MCS	Military Cleanup Sites Listing	Target Property	No	0
Additional Environmental Records		Varies	No	2

Source: Appendix J

The Project site was not listed in any of the state or local regulatory database records.

Two neighboring sites were listed in one of the state or local regulatory database records: INDIAN RESERV. The Department of Interior and Bureau of Indian Affairs maintain this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations, and Recognized State Reservations.

## Phase I Environmental Site Assessment Torrey Wind Project

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The Campo and Manzanita Indian Reservations are located within 1/8 of a mile and 1 mile of the Project site, respectively. These listings are not indicative of a release or any environmental impacts to the Project site.

### **10.3 Unmapped Sites**

Unmapped sites are flagged by GeoSearch but not mapped due to insufficient address information. They are usually included in the database search report because they are in the same zip code as the search property. There were no unmapped sites listed in the GeoSearch report for the Project site.

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# Phase I Environmental Site Assessment

## Torrey Wind Project

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### 11 POTENTIAL HAZARDS AND ENVIRONMENTAL CONCERNS

Information regarding the following potential sources of hazards and hazardous material releases from the interview, site reconnaissance, and review of regulatory agency records is provided in the following paragraphs.

#### **Agricultural Use**

Based on the site reconnaissance, the southwestern portion of the Project site may have been used as agricultural land (specifically for ranching) in the past, although the dates of this potential land use are unknown. Signage associated with a transmission line crossing the northern portion of the Project site indicate that herbicides were used at the Project site.

#### **Off-Site Sources**

Based on the review of regulatory agency records, it is unlikely that off-site sources have impacted the environmental conditions of the Project site.

#### **Residential Use**

Based on a review of historical topographic maps, the southern portion of the Project site may have been used for residential purposes starting as early as 1939. The Project site is not currently being used as a residence.

#### **PCB Items**

Transmission lines cross the northern portion of the Project site. No transformers or visual indications of staining were observed (Photograph 35).

Two motors associated with water wells were observed to be in disrepair. No dates were discernible on the labels. The smaller of the two was sitting directly on the ground and the vegetation around it appeared stressed (Photograph 22).

#### **Fill Material**

No fill material was observed on the Project site.

#### **Debris**

A few tires were observed around the Project site, potentially from recreational off-road vehicles. In two areas, more prevalent trash was observed (Figure 2). One area was near an abandoned well on the northern part of the Project site (Photograph 33). Scattered around the area, close to the dirt roads, were metal sheets, canisters, and parts of drums. A stove and large pipe were found more than 500 feet south of the area.

## Phase I Environmental Site Assessment Torrey Wind Project

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The other area was close to the cattle yard (Photograph 36) in the southeastern portion of the Project site. Abandoned cattle feed and water containers were observed (Photograph 37). Debris was observed near the banks of the stream bed, including canisters, parts of drums, metal wire, tires, and glass (Photographs 38 and 39).

### **Tanks**

Two aboveground storage tanks were observed on the Project site (Figure 2). Both storage tanks were associated with groundwater well pumps. One was a rusted 2,000-gallon tank (Photograph 20) with open ports at the top. Liquid was observed in the tank, and the tank appeared to be approximately one-third full. Petroleum odors were observed near the tank. The second tank was a larger tank, potentially 3,000 to 4,000 gallons (Photograph 23), but the exact volume could not be confirmed because the label had rusted over and was located on top of the tank. The ports at the top were open, and petroleum odors were observed near the ports.

No signs of underground storage tanks were observed.

### **Asbestos and Lead**

Asbestos and/or lead may be present on the Project site, due to the existing buildings being constructed prior to 1959.

### **Radon**

According to the U.S. Environmental Protection Agency Radon Zones Map, San Diego County falls within Zone 3 (EPA 2018). Radon Zone 3 corresponds with a low potential for indoor radon (<2 picocuries per liter [pCi/L]).

### **Previous Uses**

Based on a review of the historical aerial photographs, agency records, and the site representative interview, much of the Project site appears to have remained vacant, undeveloped land since 1939. The southwestern portion of the Project site may have been used as agricultural land (specifically for ranching) in the past, although the dates of this potential land use are unknown. A structure, presumed to be a residence potentially associated with ranching activity, was depicted in historical topographic maps on the southern portion of the Project site starting in 1939. A feature labeled “Airway Beacon” was depicted on the northern portion of the Project site on historical topographic maps from 1959–1997.

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## 12 FINDINGS AND RECOMMENDATIONS

Information gathered for this report indicated the following:

- Based on a review of the historical aerial photographs, agency records, and the site representative interview, much of the Project site appears to have remained vacant, undeveloped land since 1939. The southwestern portion of the Project site may have been used as agricultural land (specifically for ranching) in the past, although the dates of this potential land use are unknown. A feature labeled “Airway Beacon” was depicted on the northern portion of the Project site on historical topographic maps from 1959–1997. The southern portion of the Project site may have been used for residential purposes starting as early as 1939. The Project site is not currently being used as a residence.
- Five groundwater wells were observed on the Project site. Two of the wells each had an associated pump motor and an aboveground storage tank. The motors associated with water wells were observed to be in disrepair. The smaller of the two motors was sitting directly on the ground and the vegetation around it appeared stressed. Petroleum odors were observed in the vicinity of both aboveground storage tanks.
- Debris was observed in several locations on the Project site. Notably, metal debris, including an old stove and an abandoned pipe, were observed on the northern portion of the Project site; metal wire, tires, glass, and other debris were observed near a camping area; and empty cattle feed and water containers were observed near a cattle yard.
- Signage related to an electrical transmission line that crosses the Project site indicated that herbicides were in use on the Project site.
- Adjacent and nearby land uses are power generation using wind turbines, residential uses, and undeveloped land.
- It is unlikely that adjacent or nearby properties have impacted the environmental conditions at the Project site.
- Asbestos and/or lead may be present in the uninhabitable structures observed on the Project site, given that they were constructed prior to 1959.

This assessment revealed no evidence of RECs in connection with the Project site. Dudek did identify environmental concerns, for which recommendations are stated below. However, if the Project is not going to disturb the areas where environmental concerns were identified, these recommendations are not the responsibility of the lessee, Torrey Wind LLC.

- The groundwater well pumps, motors, and tanks should be properly decommissioned and disposed of in accordance with applicable local, state, and federal guidelines and/or



## Phase I Environmental Site Assessment Torrey Wind Project

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regulations. If impacted or stained soil is observed during disposal, additional investigation or sampling may be necessary.

- Soil sampling for herbicides should be conducted in the vicinity of signage that indicates that herbicides are in use and in other areas of the Project site if herbicides are used beyond the signage areas.
- Groundwater wells on the Project site that are not in use and remain open should be properly abandoned in accordance with applicable local, state, and federal guidelines and/or regulations.
- Solid debris and waste chemicals that are located on the Project site should be properly characterized and disposed of in accordance with applicable local, state, and federal guidelines and/or regulations.

Dudek has performed a Phase I ESA of the Project site in conformance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in Section 13, Limitations, of this report.

# Phase I Environmental Site Assessment Torrey Wind Project

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## 13 LIMITATIONS

The following data gap, which does not appear to be significant, was identified for this Phase I ESA:

- Some areas of the Project site are remote and not accessible by vehicle, and were not inspected during the site reconnaissance.

The findings and conclusions presented in this report are professional opinions based solely on the indicated data described in this report, visual observations of the Project site and vicinity, and staff interpretation of the available historical information and documents reviewed. Dudek makes no warranty as to the accuracy of statements made by others or the accuracy of information included in documentation reviewed in connection with this report. This report is not intended to be a definitive investigation of potential contamination at the Project site, and the recommendations do not necessarily include all conditions that may be present. Because the scope of the investigation was limited, it is possible that currently unrecognized conditions or contamination might exist at the Project site.

No warranties, guarantees, or representations, expressed or implied, are made by Dudek, except that this report was prepared in accordance with current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professionals performing the same or similar services. The conclusions are intended exclusively for the purposes outlined herein, and may not be suitable to satisfy the needs of other users. Thus, any use or reuse of this document is at the sole risk of said user. No parties other than the user of this Phase I ESA, as identified in Section 2, Introduction, of this Phase I ESA, should rely on this report without prior written consent of Dudek.

In accordance with ASTM Standard E 1527-13, this Phase I ESA is valid for 180 days. After 180 days, this report, or the information presented in this report, must be updated in accordance with the ASTM Standard.

**Phase I Environmental Site Assessment  
Torrey Wind Project**

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## Phase I Environmental Site Assessment Torrey Wind Project

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### 14 REFERENCE

BLM (Bureau of Land Management). 2008. *El Centro Field Office, Eastern San Diego County Resource Management Plan and Record of Decision*. October 2008.  
[https://eplanning.blm.gov/epl-front-office/projects/lup/71564/95316/115275/Eastern\\_San\\_Diego\\_County\\_RMP\\_ROD.pdf](https://eplanning.blm.gov/epl-front-office/projects/lup/71564/95316/115275/Eastern_San_Diego_County_RMP_ROD.pdf).

EPA (U.S. Environmental Protection Agency). 2018. "EPA Radon Zones." Accessed June 19, 2018. <https://www.epa.gov/radon/find-information-about-local-radon-zones-and-state-contact-information>.

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Torrey Wind Project**

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# **APPENDIX A**

## *Qualifications of Environmental Professionals*

## APPENDIX A

### Qualifications of Environmental Professionals

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Environmental Professional	Professional License	Degree(s)	Years' Experience	Task Performed
Glenna McMahon	Professional Engineer, State of California	B.S., Civil Engineering, University of Vermont	17	Report Preparation/Review, QA/QC
Claire Kouba	Professional Engineer, State of California	B.S., Civil and Environmental Engineering, Stanford University M.S., Geological and Environmental Sciences, Stanford University	5	Site Reconnaissance, Report Preparation
Nicole Tucker	-	B.S., Physics, Shippensburg University M.S., Geoscience, Florida International University	1	Report Preparation

## APPENDIX A (Continued)

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**APPENDIX B**  
*Historical Topographic Maps*

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## ***Historical Topographic Maps***

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*Target Property:*  
**Torrey Wind Project**  
**McCain Valley Rd**  
**Boulevard, San Diego, California 91905**

*Prepared For:*  
**Dudek**

**Order #: 109659**  
**Job #: 241534**  
**Project #:**  
**Date: 6/8/2018**

## Target Property Summary

**Torrey Wind Project**

**McCain Valley Rd**

**Boulevard, San Diego, California 91905**

USGS Quadrangle: **Sombrero Peak, Live Oak Springs**

Target Property Geometry: **Area**

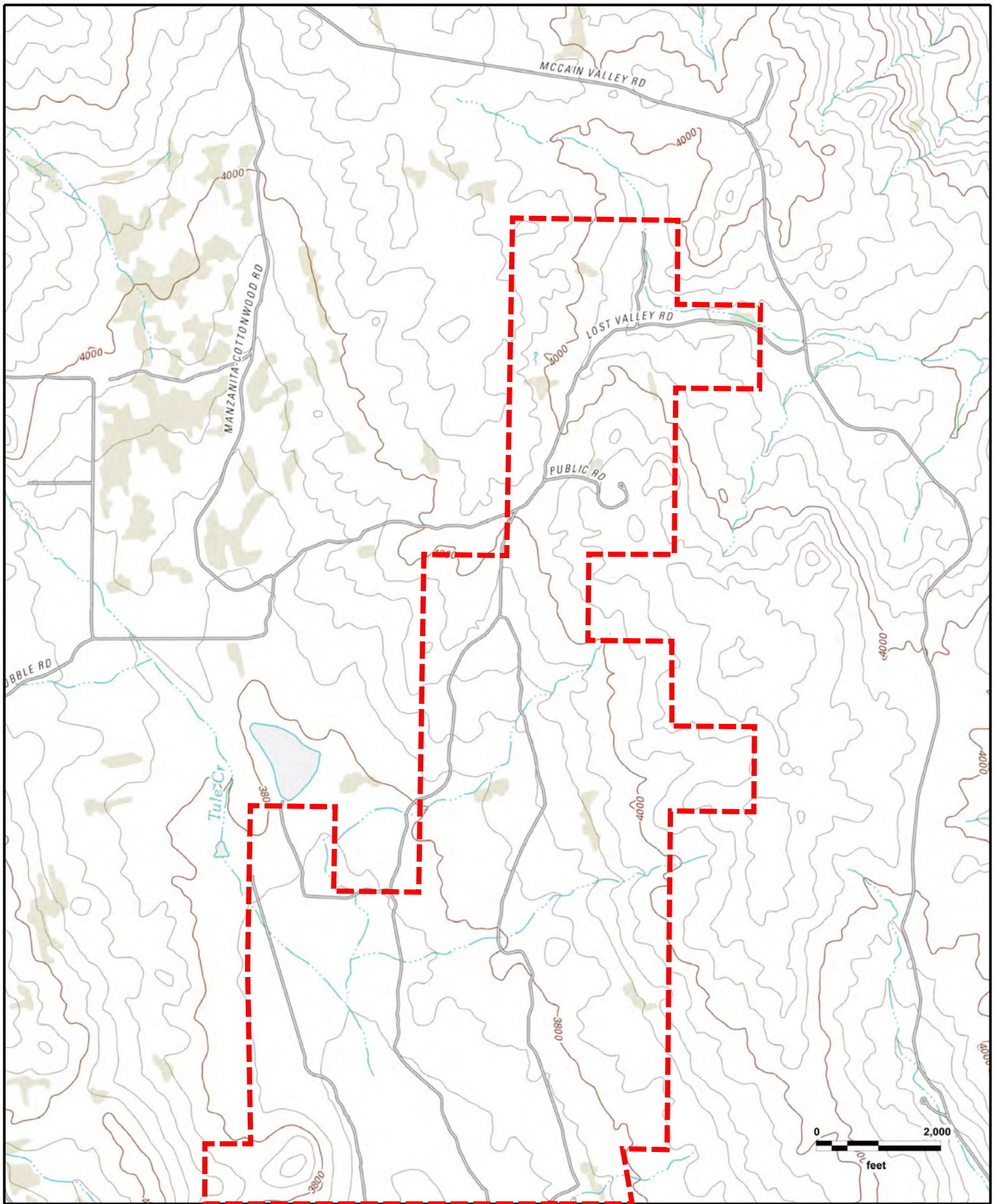
Target Property Longitude(s)/Latitude(s):

(-116.287160000, 32.767047000), (-116.295718000, 32.767150000), (-116.296023000, 32.752343000),  
(-116.300300000, 32.752396000), (-116.300571000, 32.737577000), (-116.304971000, 32.737627000),  
(-116.304884000, 32.741320000), (-116.309273000, 32.741371000), (-116.309419000, 32.734323000),  
(-116.309258000, 32.726536000), (-116.311620000, 32.726537000), (-116.311648000, 32.718227000),  
(-116.311659000, 32.717294000), (-116.311051000, 32.717305000), (-116.311100000, 32.717825000),  
(-116.302308000, 32.717856000), (-116.302028000, 32.714118000), (-116.293393000, 32.714023000),  
(-116.293045000, 32.721270000), (-116.293734000, 32.723922000), (-116.289486000, 32.723696000),  
(-116.290025000, 32.726319000), (-116.287731000, 32.726281000), (-116.287549000, 32.741142000),  
(-116.283243000, 32.741101000), (-116.283203000, 32.744833000), (-116.287476000, 32.744867000),  
(-116.287484000, 32.748586000), (-116.291816000, 32.748623000), (-116.291772000, 32.752405000),  
(-116.287356000, 32.752390000), (-116.287274000, 32.759695000), (-116.282944000, 32.759655000),  
(-116.282897000, 32.763322000), (-116.287201000, 32.763367000)

## Topographic Map Summary

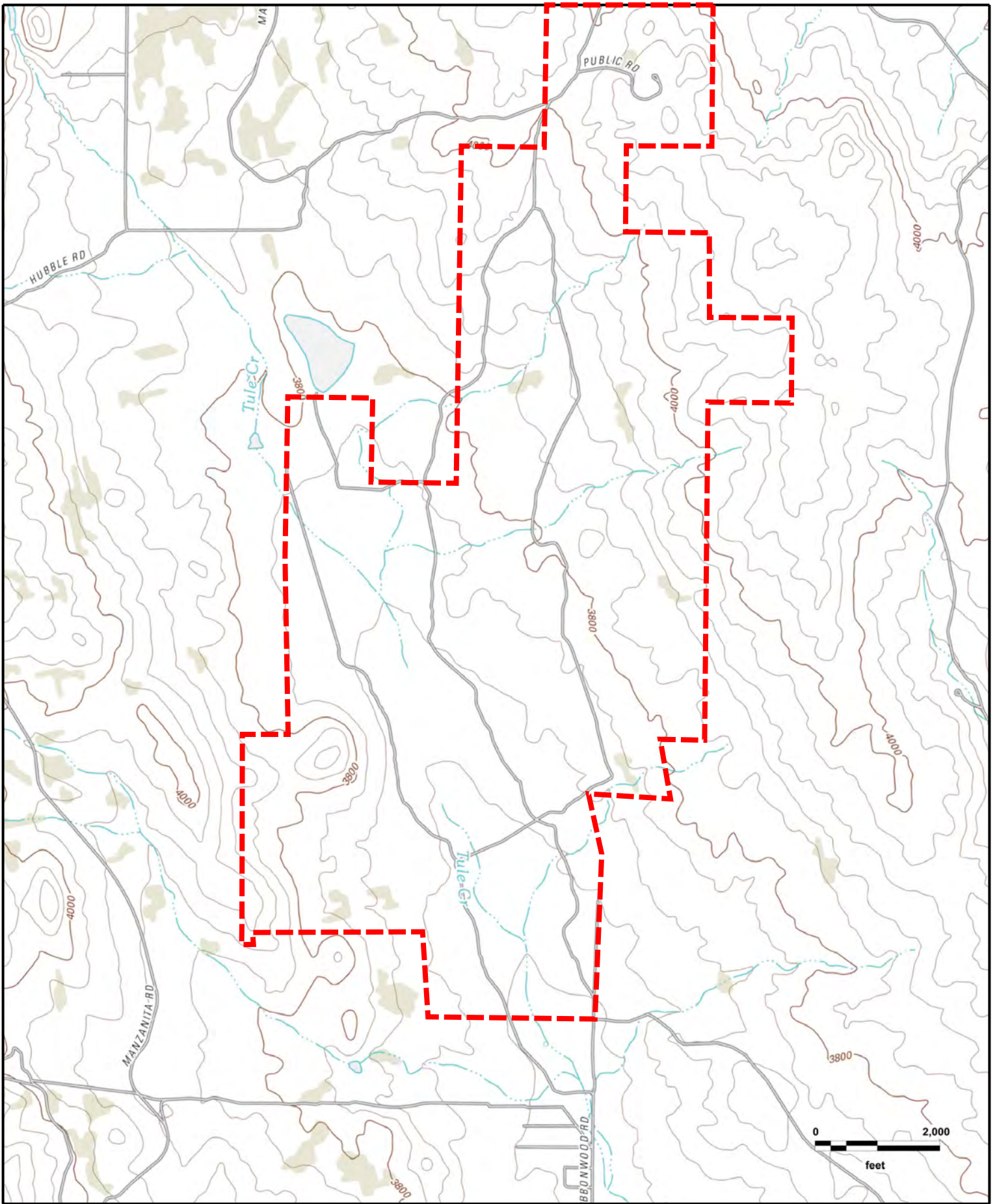
<u>Date</u>	<u>Quadrangle</u>	<u>Scale</u>
2012	<i>Live Oak Springs, CA (2012)</i> <i>Sombrero Peak, CA (2012)</i>	1" = 2000'
2012	<i>Live Oak Springs, CA (2012)</i> <i>Sombrero Peak, CA (2012)</i>	1" = 2000'
1997	<i>Live Oak Springs, CA (1997)</i> <i>Sombrero Peak, CA (1997)</i>	1" = 2000'
1997	<i>Live Oak Springs, CA (1997)</i> <i>Sombrero Peak, CA (1997)</i>	1" = 2000'
1959 PHOTOREVISED 1975	<i>Live Oak Springs, CA (1975)</i> <i>Sombrero Peak, CA (1975)</i>	1" = 2000'
1959 PHOTOREVISED 1975	<i>Live Oak Springs, CA (1975)</i> <i>Sombrero Peak, CA (1975)</i>	1" = 2000'
1959	<i>Live Oak Springs, CA (1959)</i> <i>Sombrero Peak, CA (1959)</i>	1" = 2000'
1959	<i>Live Oak Springs, CA (1959)</i> <i>Sombrero Peak, CA (1959)</i>	1" = 2000'
1959	<i>Campo, CA</i>	1" = 5208'
1942	<i>Campo, CA</i>	1" = 5208'
1939	<i>Campo, CA</i>	1" = 5208'
1960	<i>Mount Laguna, CA</i>	1" = 5208'
1942	<i>Cuyapaibe, CA</i>	1" = 5208'

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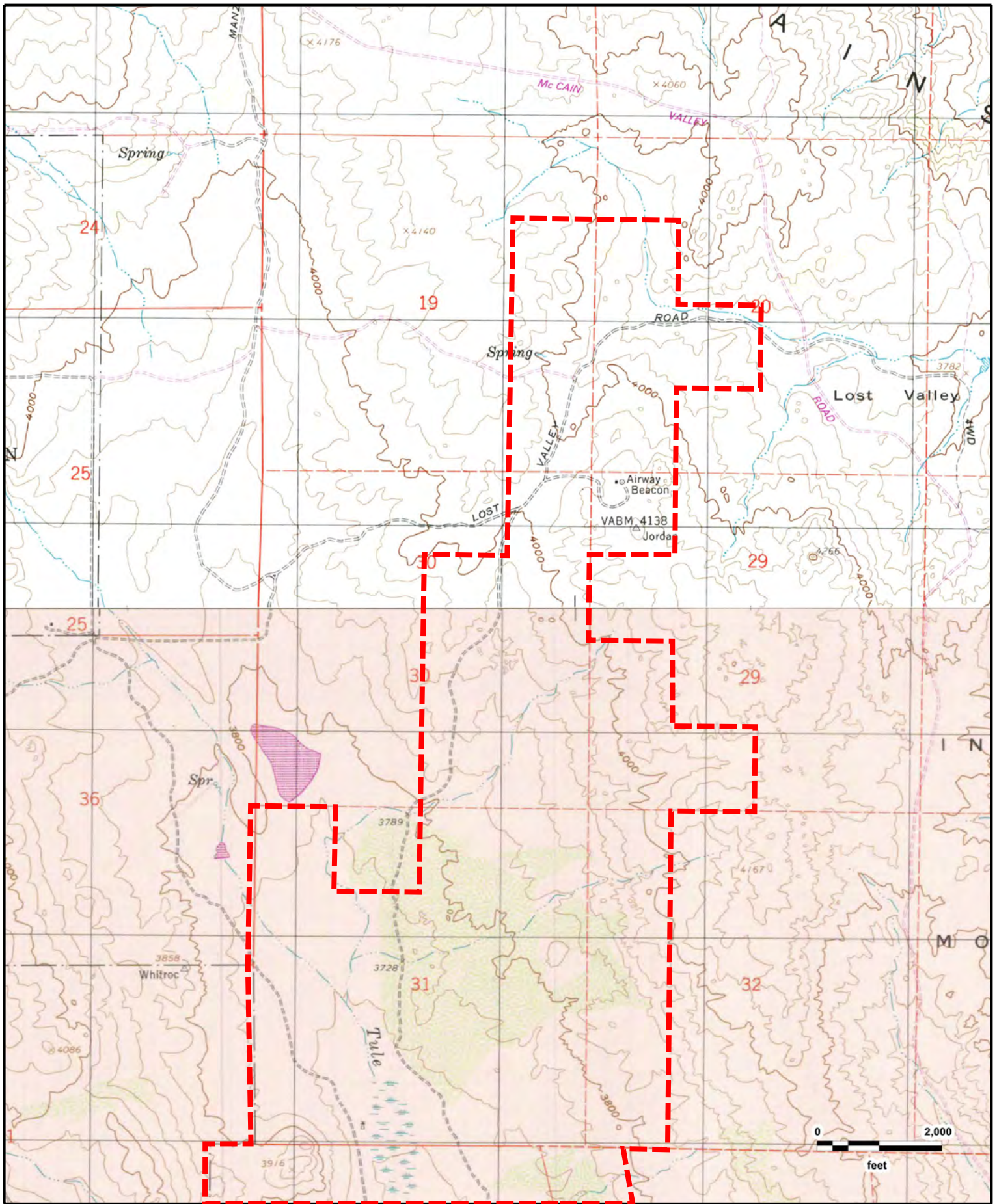
**Torrey Wind Project**  
**Live Oak Springs, CA (2012), Sombrero Peak, CA (2012)**





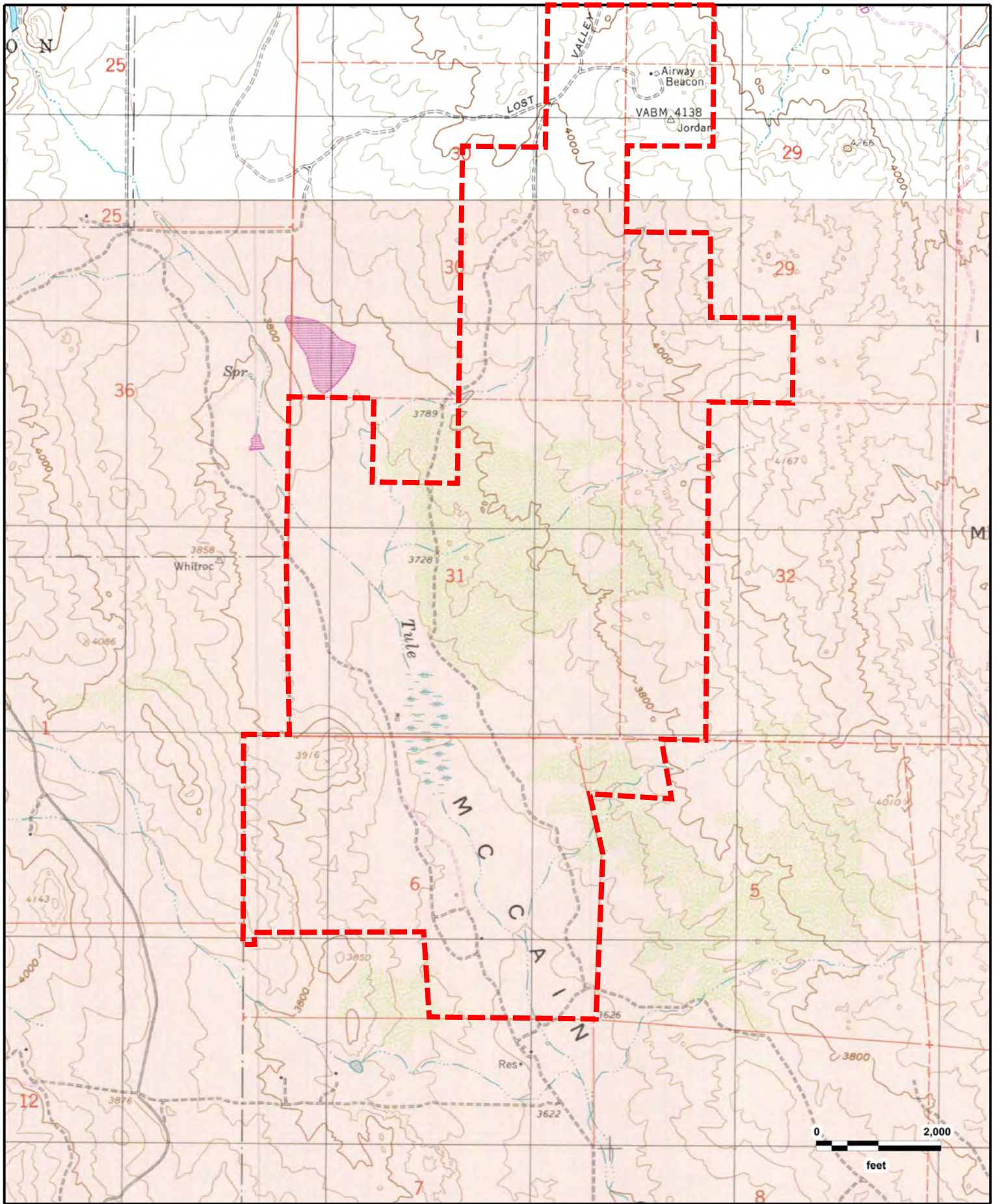
**Torrey Wind Project**  
**Live Oak Springs, CA (2012), Sombrero Peak, CA (2012)**





**Torrey Wind Project**  
**Live Oak Springs, CA (1997), Sombrero Peak, CA (1997)**

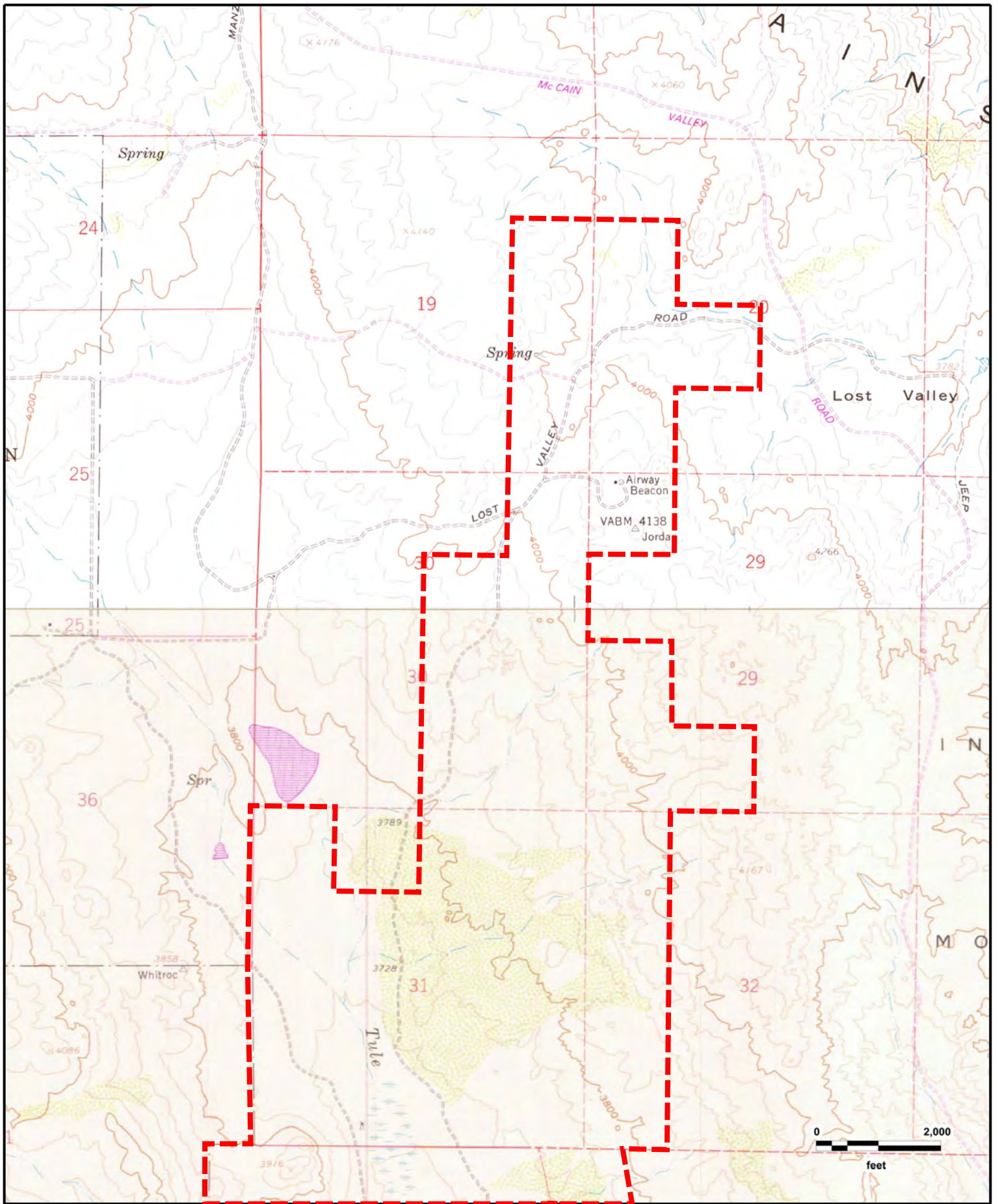




**Torrey Wind Project**  
**Live Oak Springs, CA (1997), Sombrero Peak, CA (1997)**

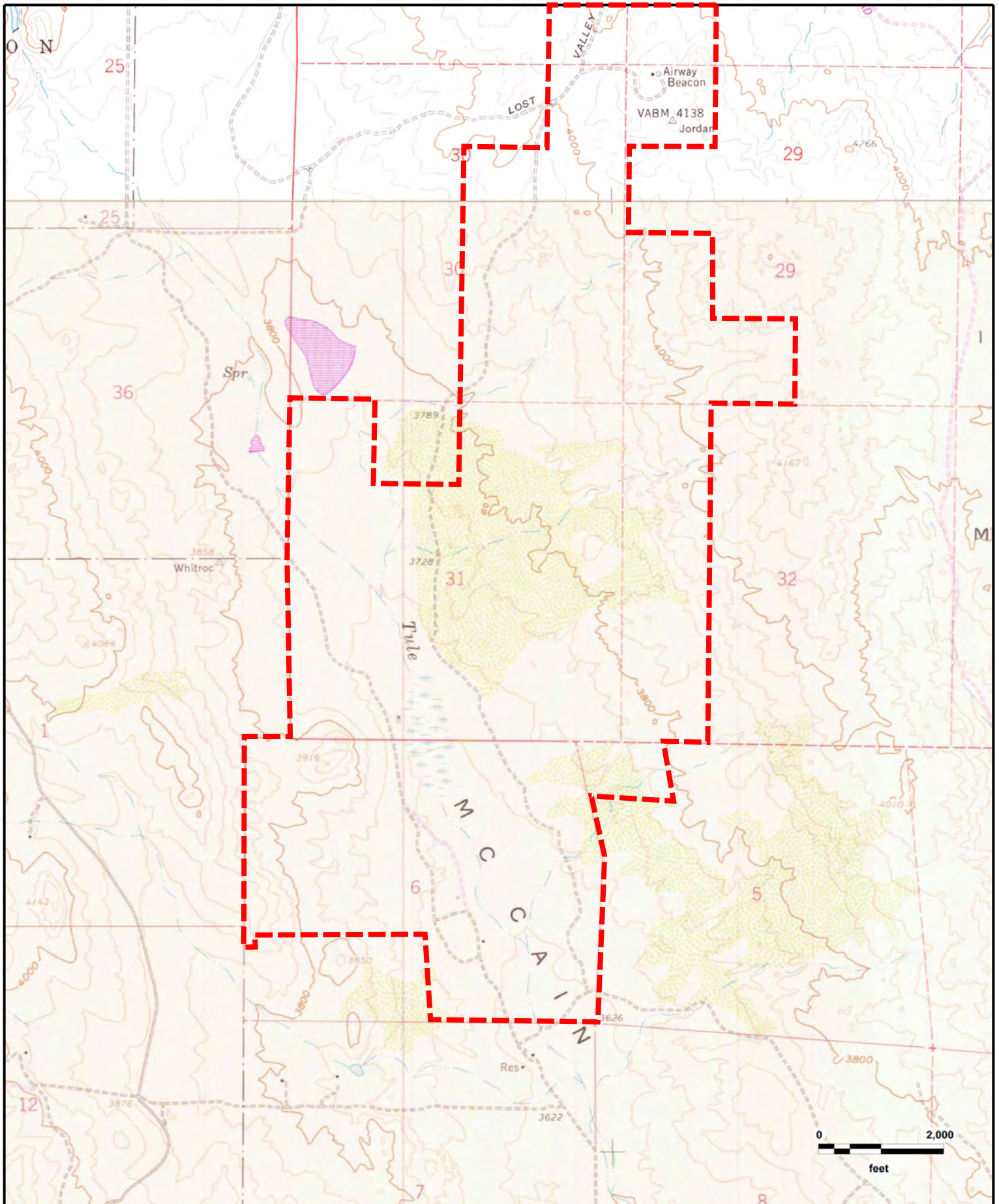






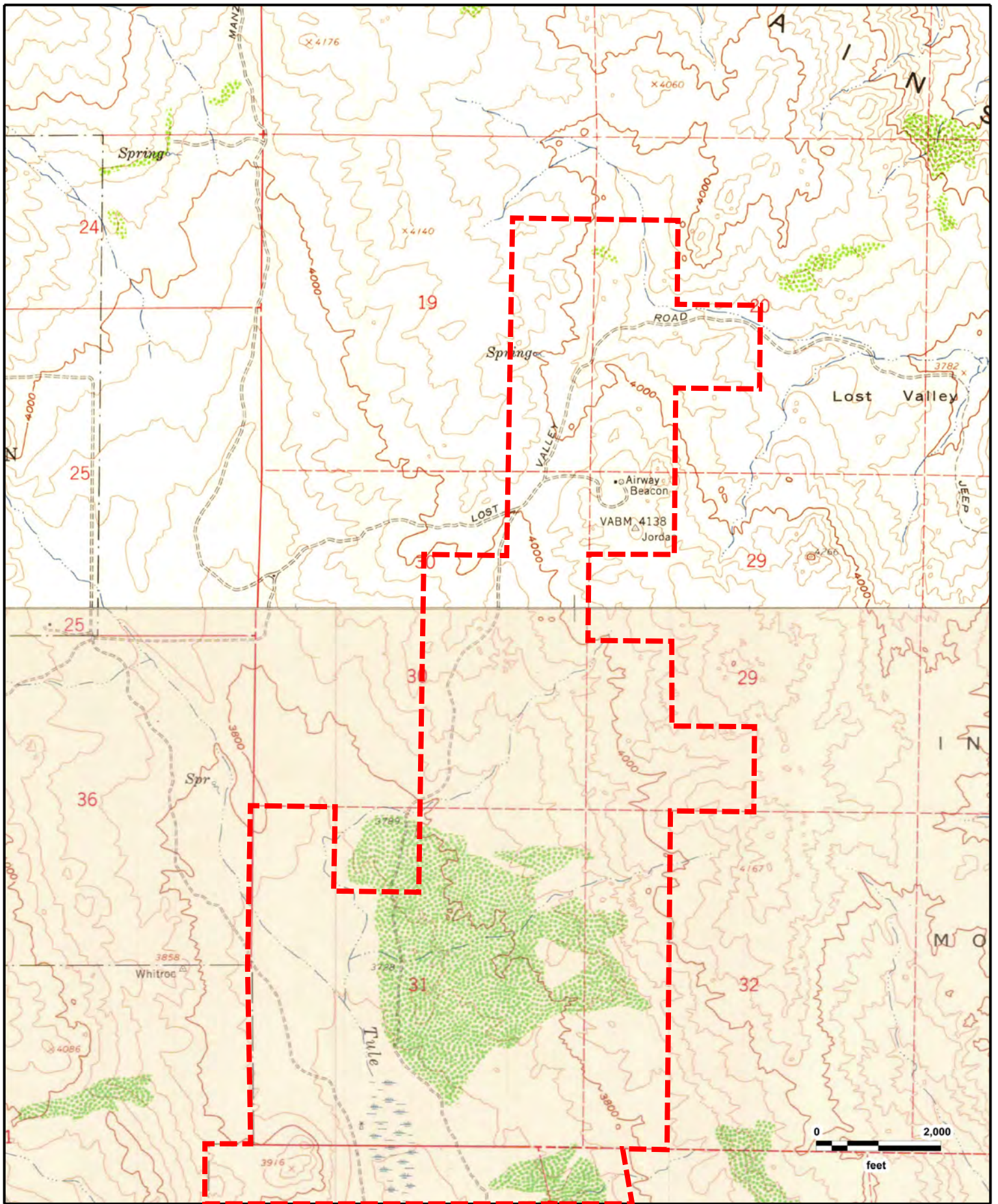
**Torrey Wind Project**  
**Live Oak Springs, CA (1975), Sombrero Peak, CA (1975)**





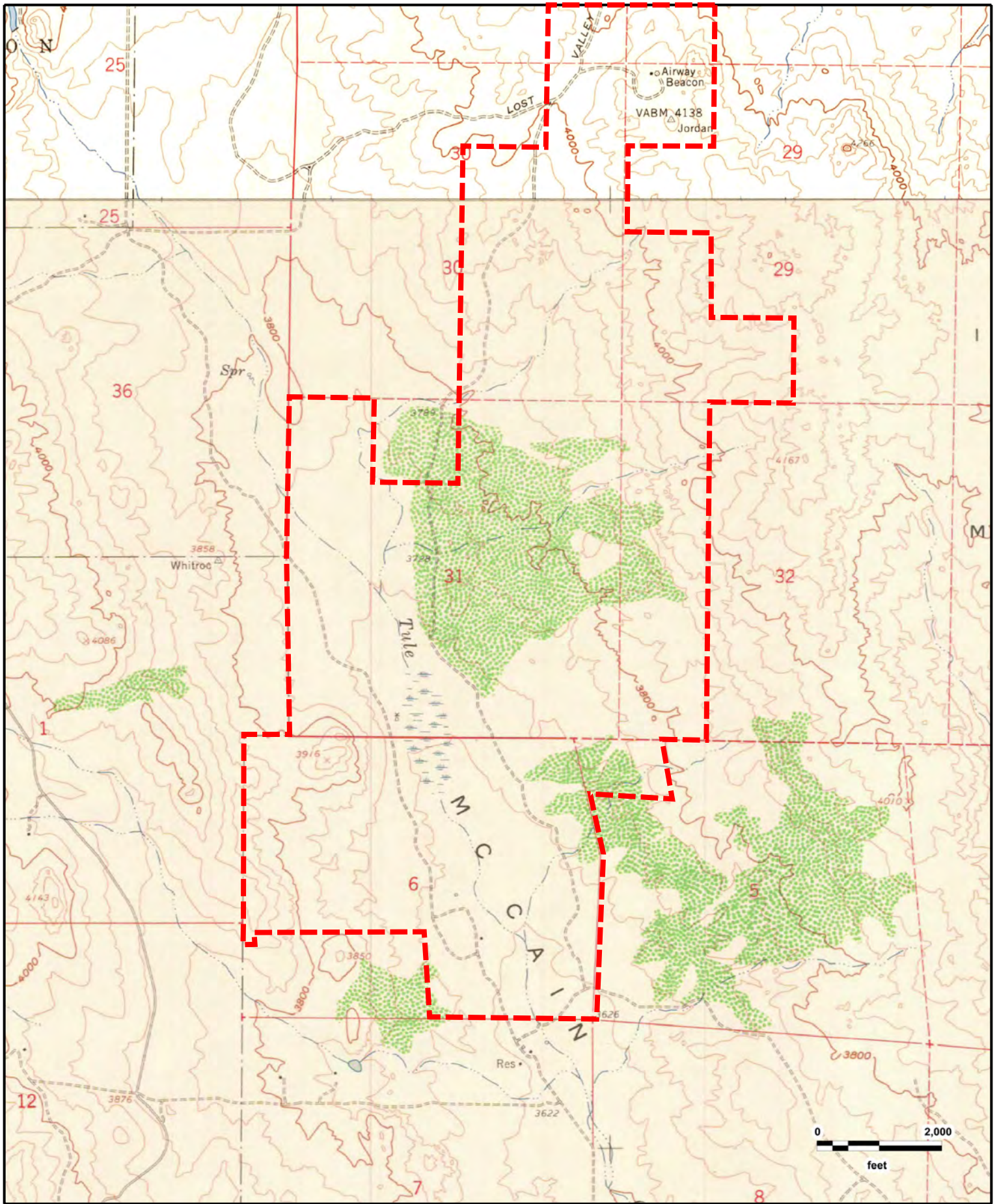
**Torrey Wind Project**  
**Live Oak Springs, CA (1975), Sombrero Peak, CA (1975)**





**Torrey Wind Project**  
**Live Oak Springs, CA (1959), Sombrero Peak, CA (1959)**

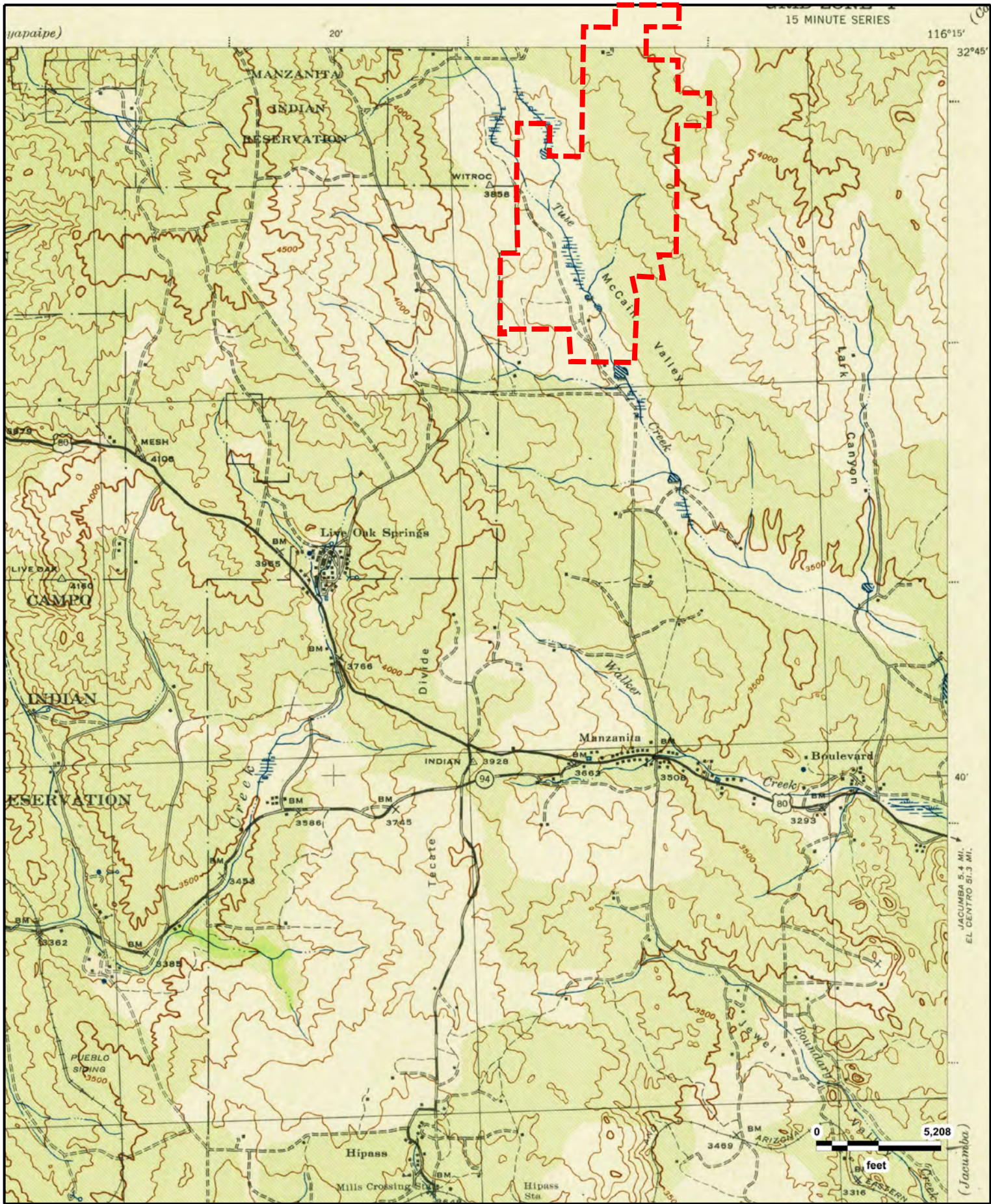




**Torrey Wind Project**  
**Live Oak Springs, CA (1959), Sombrero Peak, CA (1959)**

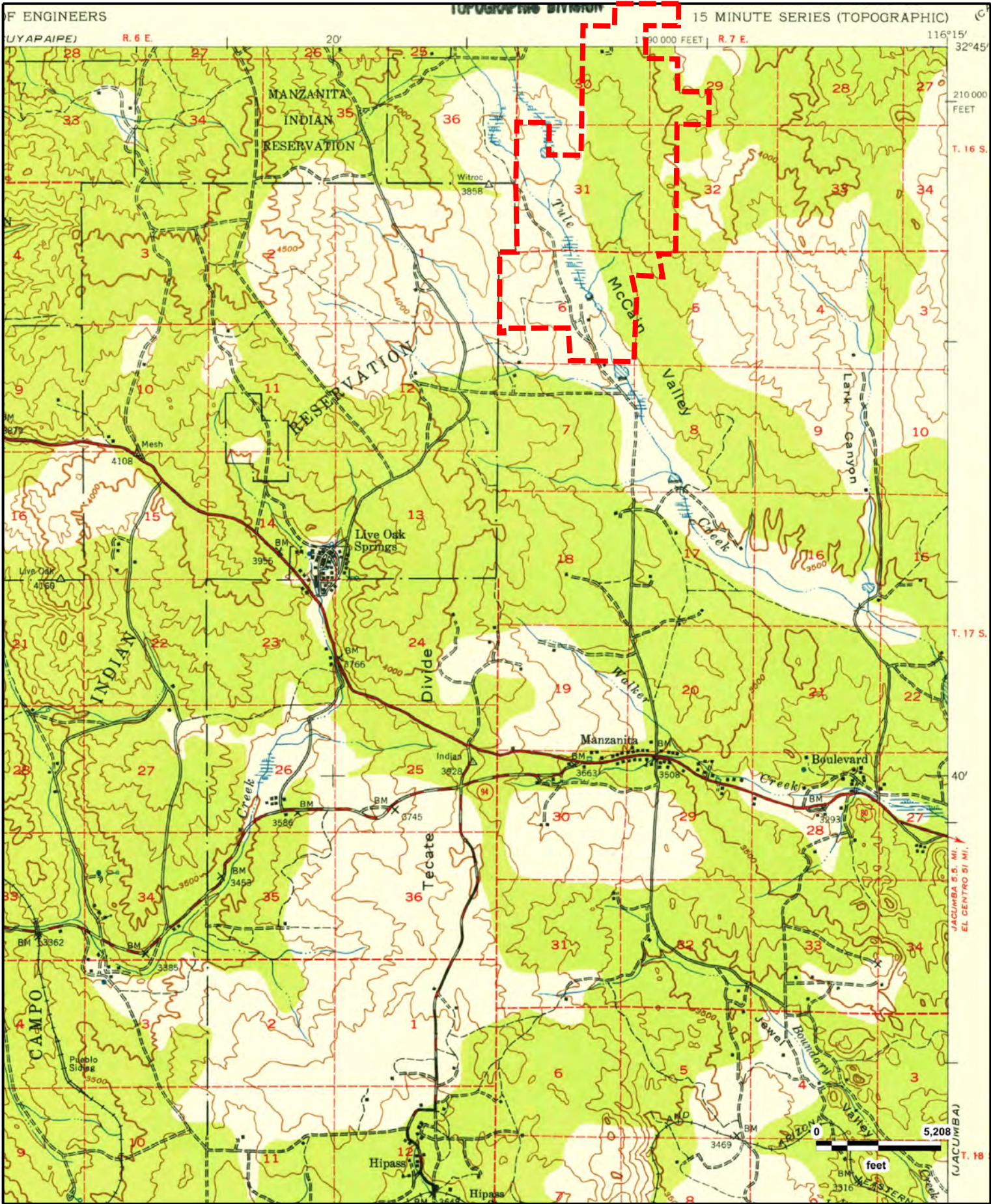






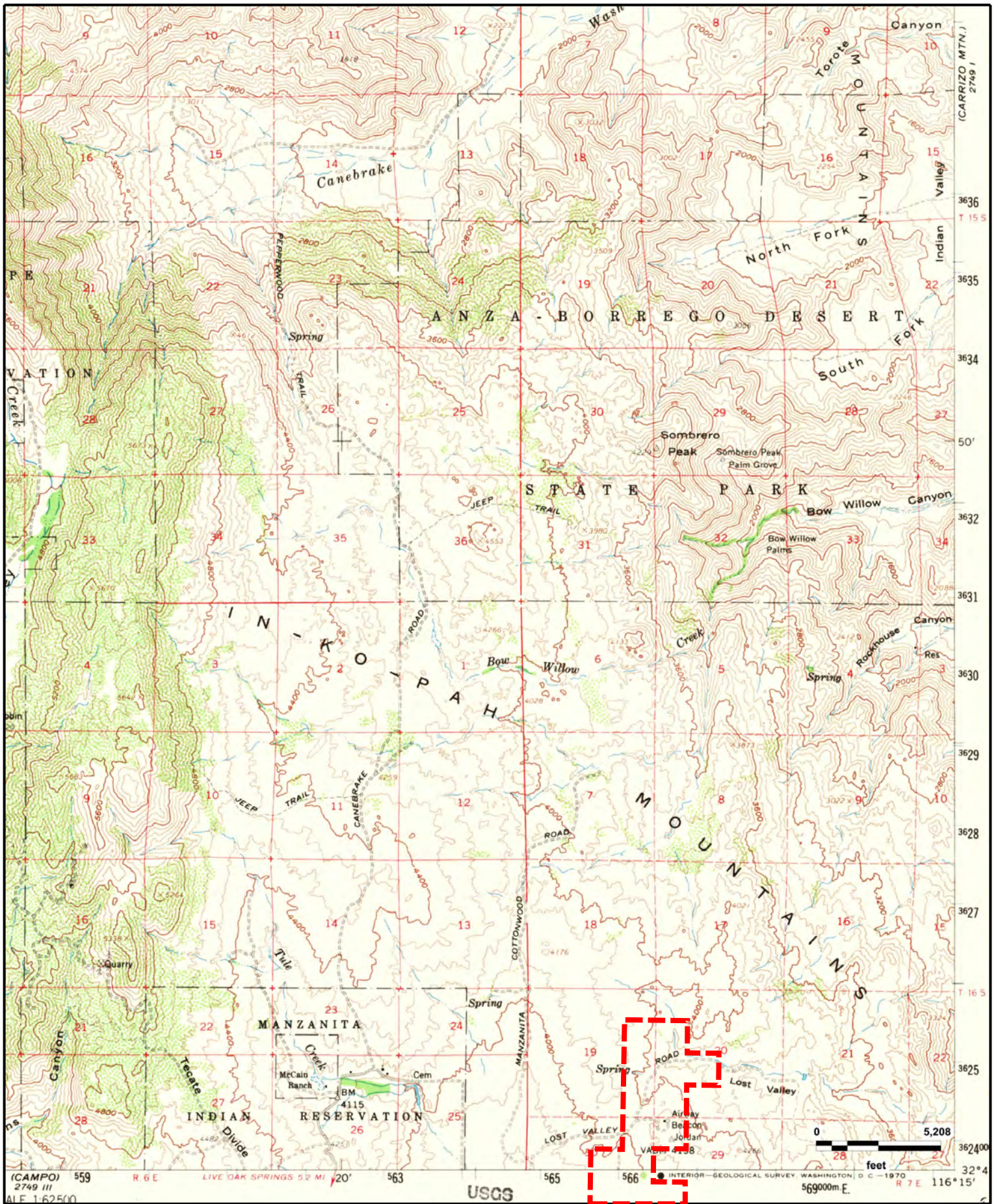
Torrey Wind Project  
Campo, CA (1942)





Torrey Wind Project  
 Campo, CA (1939)

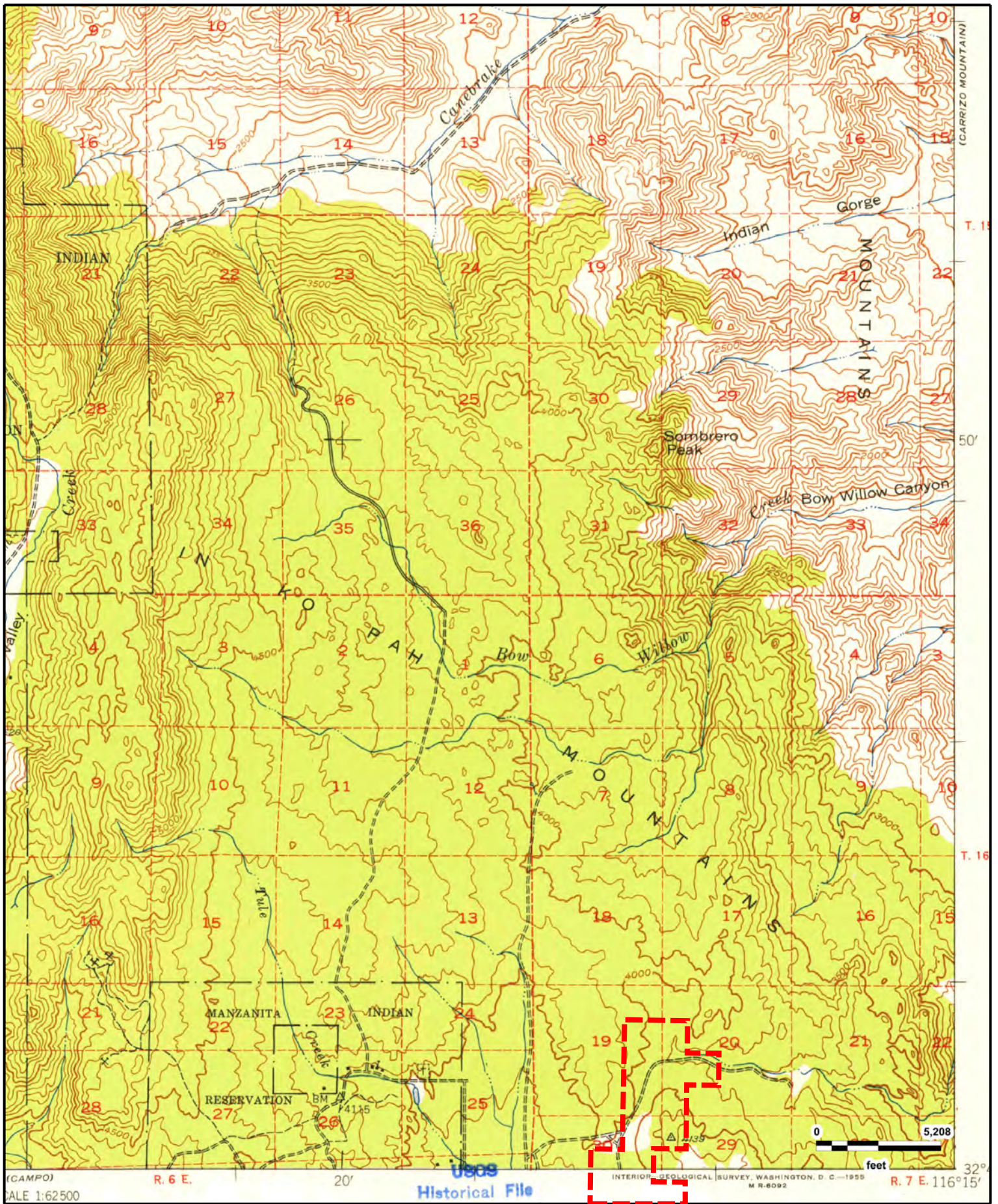




**Torrey Wind Project  
Mount Laguna, CA (1960)**







Torrey Wind Project  
Cuyapaipe, CA (1942)

GeoSearch

**APPENDIX C**  
*Physical Setting Maps*



On time. On target. In touch.™

---

## **GeoPlus Physical Setting Maps**

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[Satellite view](#)

*Target Property:*

**Torrey Wind Project**

**McCain Valley Rd**

**Boulevard, San Diego County, California 91905**

*Prepared For:*

**Dudek**

**Order #: 109659**

**Job #: 241539**

**Date: 06/07/2018**

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## **Target Property Summary**

### **Target Property Information**

*Torrey Wind Project  
McCain Valley Rd  
Boulevard, California 91905*

#### **Coordinates**

*Area*

#### **USGS Quadrangle**

*Sombrero Peak, CA  
Live Oak Springs, CA*

### **Geographic Coverage Information**

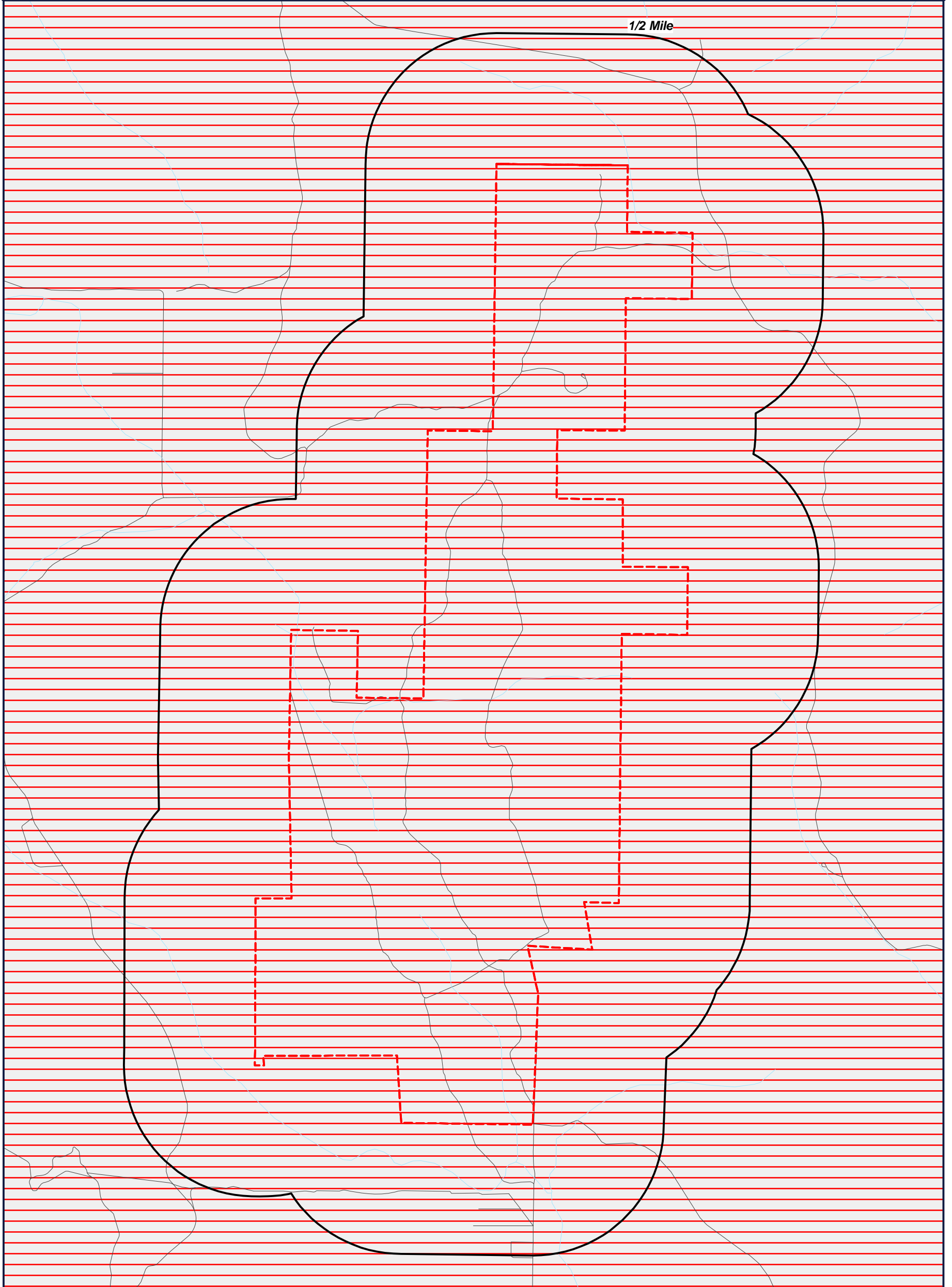
**County/Parish:** San Diego (CA)

**ZipCode(s):**

Boulevard CA: 91905

FEMA MAP

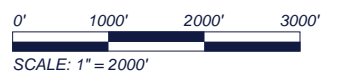
1/2 Mile



Target Property (TP)

- ZONE A
- ZONE AE
- ZONE AH
- ZONE A0
- ZONE AR
- ZONE V
- ZONE VE
- ZONE D
- ZONE X
- AREA NOT INCLUDED
- OPEN WATER
- NDA - DIGITAL DATA NOT AVAILABLE

**Torrey Wind Project  
McCain Valley Rd  
Boulevard, California  
91905**



Letter of map revision date: 05/18/2018  
Latest study effective date: 04/04/2018  
Panel #: 06065C3350G

# FEMA Report

## FEMA - Federal Emergency Management Agency

The National Flood Hazard Layer (NFHL) data used in this report is derived from the Federal Emergency Management Agency. The NFHL dataset is a compilation of effective Flood Insurance Rate Map (FIRM) databases (a collection of the digital data that are used in GIS systems for creating new Flood Insurance Rate Maps) and Letters of Map Change (Letters of Map Amendment and Letters of Map Revision only) that create a seamless GIS data layer for United States and its territories. The NFHL is updated as new study or LOMC data becomes effective. Note: Currently, not all areas have modernized FIRM database data available. As a result, users may need to refer to the effective Flood Insurance Rate Map for effective flood hazard information. This data was provided by the Federal Emergency Management Agency's Map Service Center in November of 2013.

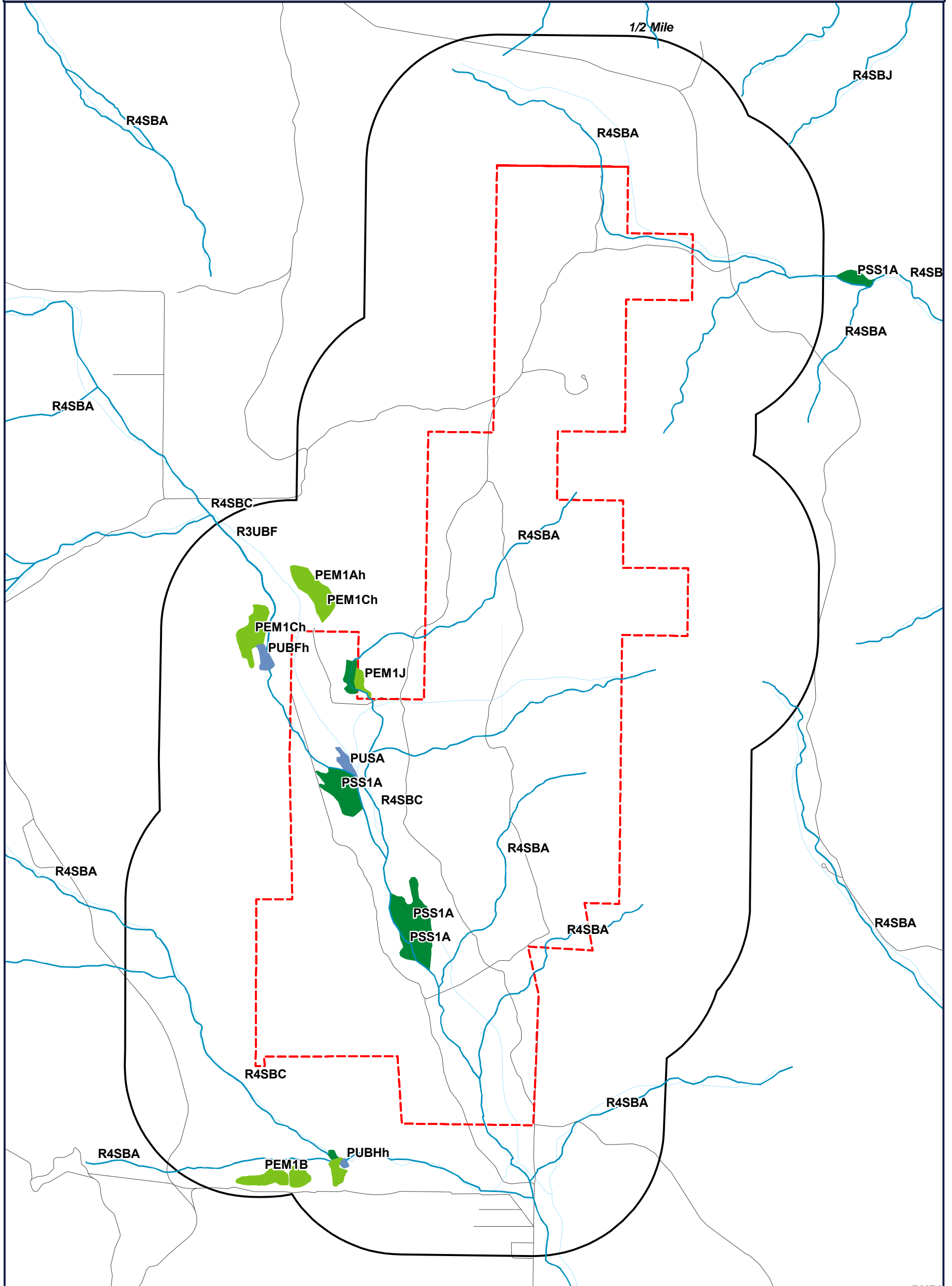
## FEMA Flood Zone Definitions within Search Radius

D	Zone D
---	--------

Unstudied areas where flood hazards are undetermined, but flooding is possible.



NWI MAP

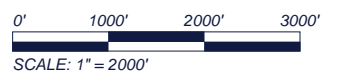


Target Property (TP)

**Torrey Wind Project**  
**McCain Valley Rd**  
**Boulevard, California**  
**91905**

Map Date: 12/02/2016

	ESTUARINE AND MARINE DEEPWATER		LAKE
	ESTUARINE AND MARINE WETLAND		OTHER
	FRESHWATER EMERGENT WETLAND		RIVERINE
	FRESHWATER FORESTED/SHRUB WETLAND		NDA - DIGITAL DATA NOT AVAILABLE
	FRESHWATER POND		



# NWI Report

## NWI - National Wetlands Inventory

The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.

## NWI Definitions within Search Radius

### PEM1Ah

SYSTEM: **PALUSTRINE**  
CLASS: **EMERGENT**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **TEMPORARILY FLOODED**  
SPECIAL MODIFIER: **DIKED/IMPOUNDED**

### PEM1B

SYSTEM: **PALUSTRINE**  
CLASS: **EMERGENT**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **SATURATED**

### PEM1Ch

SYSTEM: **PALUSTRINE**  
CLASS: **EMERGENT**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **SEASONALLY FLOODED**  
SPECIAL MODIFIER: **DIKED/IMPOUNDED**

### PEM1J

SYSTEM: **PALUSTRINE**  
CLASS: **EMERGENT**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **INTERMITTENTLY FLOODED**

### PSS1A

SYSTEM: **PALUSTRINE**  
CLASS: **SCRUB-SHRUB**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **TEMPORARILY FLOODED**

### PSS1Ch

SYSTEM: **PALUSTRINE**  
CLASS: **SCRUB-SHRUB**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**

## NWI Report

WATER REGIME: **SEASONALLY FLOODED**  
SPECIAL MODIFIER: **DIKED/IMPOUNDED**

### PSS1J

SYSTEM: **PALUSTRINE**  
CLASS: **SCRUB-SHRUB**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **INTERMITTENTLY FLOODED**

### PUBFh

SYSTEM: **PALUSTRINE**  
CLASS: **UNCONSOLIDATED BOTTOM**  
SPECIAL MODIFIER: **DIKED/IMPOUNDED**

### PUBHh

SYSTEM: **PALUSTRINE**  
CLASS: **UNCONSOLIDATED BOTTOM**  
SPECIAL MODIFIER: **DIKED/IMPOUNDED**

### PUSA

SYSTEM: **PALUSTRINE**  
CLASS: **UNCONSOLIDATED SHORE**

### R3UBF

SYSTEM: **RIVERINE**  
SUBSYSTEM: **UPPER PERENNIAL**  
CLASS: **UNCONSOLIDATED BOTTOM**  
WATER REGIME: **SEMIPERMANENTLY FLOODED**

### R4SBA

SYSTEM: **RIVERINE**  
SUBSYSTEM: **INTERMITTENT**  
CLASS: **STREAMBED**  
WATER REGIME: **TEMPORARILY FLOODED**

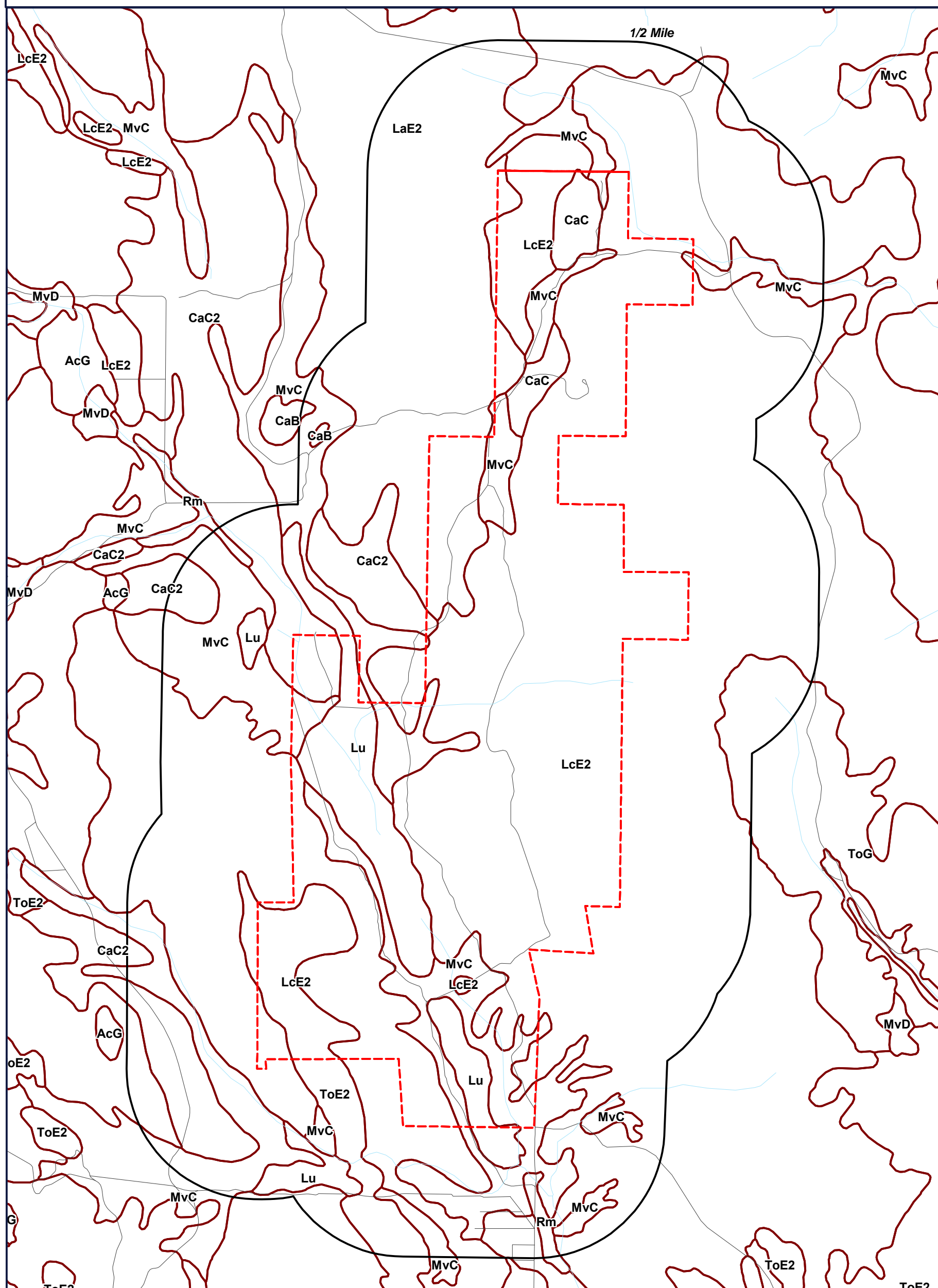
### R4SBC

SYSTEM: **RIVERINE**  
SUBSYSTEM: **INTERMITTENT**  
CLASS: **STREAMBED**  
WATER REGIME: **SEASONALLY FLOODED**

### R4SBJ

SYSTEM: **RIVERINE**  
SUBSYSTEM: **INTERMITTENT**  
CLASS: **STREAMBED**  
WATER REGIME: **INTERMITTENTLY FLOODED**

SOIL SURVEY MAP



 Target Property (TP)

 SOIL BOUNDARY

 NOTCOM - DIGITAL DATA NOT AVAILABLE/NOT COMPLETE

**Torrey Wind Project  
McCain Valley Rd  
Boulevard, California  
91905**



0' 1000' 2000' 3000'  
SCALE: 1" = 2000'

# SOIL Report

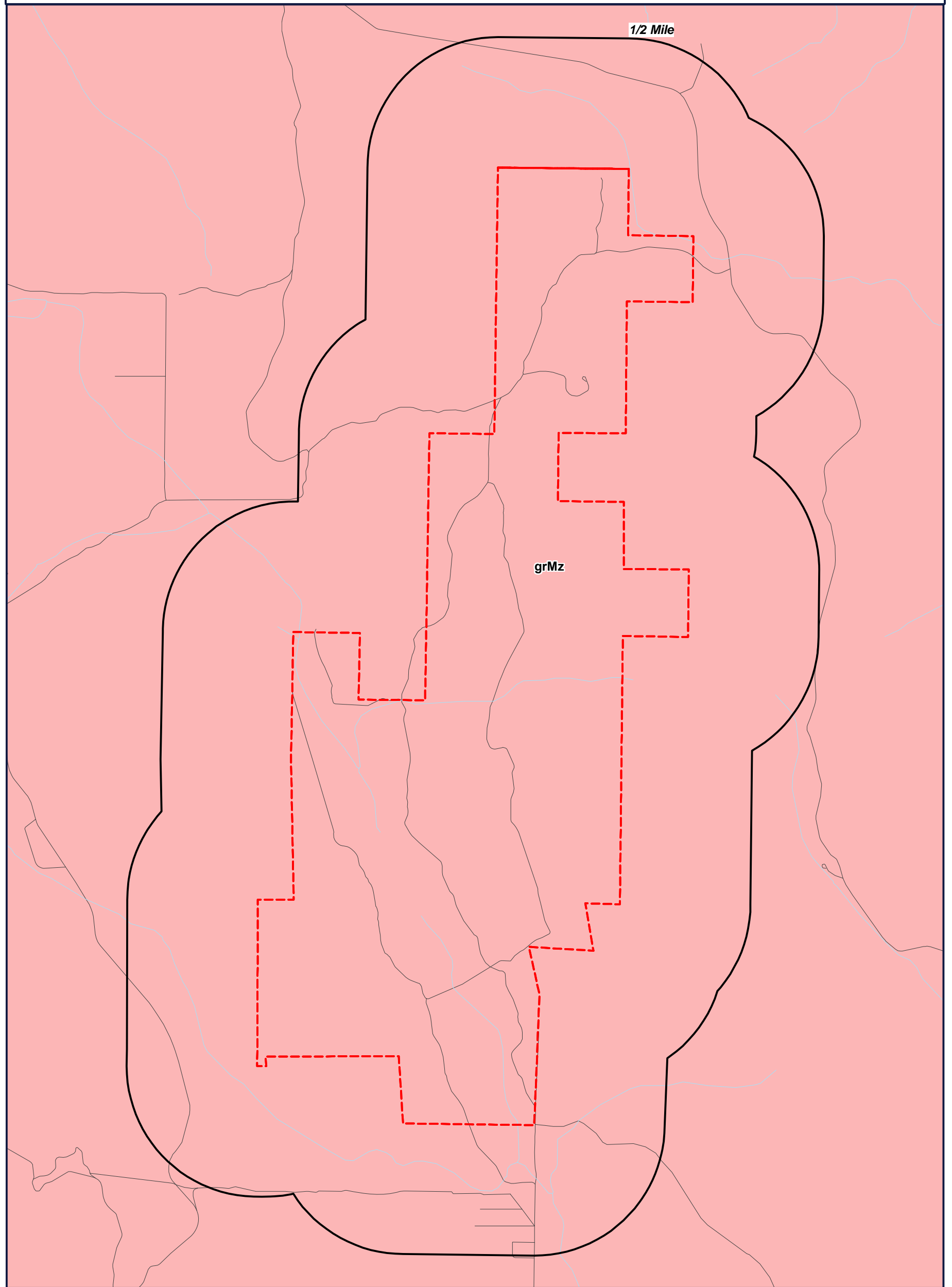
## Soil Surveys


The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources. The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

## SOIL Code Definitions within Search Radius

<b>CaB</b>	CALPINE COARSE SANDY LOAM, 2 TO 5 PERCENT SLOPES
<b>CaC</b>	CALPINE COARSE SANDY LOAM, 5 TO 9 PERCENT SLOPES
<b>CaC2</b>	CALPINE COARSE SANDY LOAM, 5 TO 9 PERCENT SLOPES, ERODED
<b>LaE2</b>	LA POSTA LOAMY COARSE SAND, 5 TO 30 PERCENT SLOPES, ERODED
<b>LcE2</b>	LA POSTA ROCKY LOAMY COARSE SAND, 5 TO 30 PERCENT SLOPES, ERODED
<b>Lu</b>	LOAMY ALLUVIAL LAND
<b>MvC</b>	MOTTSMILLE LOAMY COARSE SAND, 2 TO 9 PERCENT SLOPES
<b>Rm</b>	RIVERWASH
<b>ToE2</b>	TOLLHOUSE ROCKY COARSE SANDY LOAM, 5 TO 30 PERCENT SLOPES, ERODED
<b>ToG</b>	TOLLHOUSE ROCKY COARSE SANDY LOAM, 30 TO 65 PERCENT SLOPES

**GEOLOGY MAP**



 Target Property (TP)

**Torrey Wind Project  
McCain Valley Rd  
Boulevard, California  
91905**



0' 1000' 2000' 3000'  
SCALE: 1" = 2000'

# GEOLOGY Report

## US GEOLOGY

THE GEOLOGY DATA USED IN THIS REPORT ORIGINATES FROM THE USGS. THE FIRST STAGE IN DEVELOPING STATE DATABASES FOR THE CONTERMINOUS UNITED STATES WAS TO ACQUIRE DIGITAL VERSIONS OF ALL EXISTING STATE GEOLOGIC MAPS. ALTHOUGH A SIGNIFICANT NUMBER OF DIGITAL STATE MAPS ALREADY EXISTED, A NUMBER OF STATES LACKED THEM. FOR THESE STATES NEW DIGITAL COMPILATIONS WERE PREPARED IN COOPERATION WITH STATE GEOLOGIC SURVEYS OR BY THE NSA (NATIONAL SURVEYS AND ANALYSIS) PROJECT. THESE NEW DIGITAL STATE GEOLOGIC MAPS AND DATABASES WERE CREATED BY DIGITIZING ALREADY EXISTING PRINTED MAPS, OR, IN A FEW CASES, BY MERGING EXISTING LARGER SCALE DIGITAL MAPS.

### GEOLOGY Definitions within Search Radius

GEOLOGY SYMBOL: **grMz**

UNIT NAME: **Mesozoic granitic rocks , unit 2 (Peninsular Ranges)**

UNIT AGE: **Middle Jurassic to Late Cretaceous**

UNIT DESCRIPTION:

**Mesozoic granite, quartz monzonite, granodiorite, and quartz diorite**

ADDITIONAL UNIT INFORMATION:

**Peninsular Ranges. Primarily tonalite, granodiorite, and minor quartz monzonite and granite. Emplacement ages mostly 80 to 105 Ma in eastern part of area and 105 to 140 Ma in western part; minor Jurassic rocks in central part**

ROCKTYPE/S: **tonalite; quartz diorite; granodiorite; quartz monzonite; granite; gneiss; schist; pegmatite**

**APPENDIX D**  
*Water Well Report*





On time. On target. In touch.™

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## **GeoPlus Water Well Report**

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[Satellite view](#)

*Target Property:*

**Torrey Wind Project**

**McCain Valley Rd**

**Boulevard, San Diego County, California 91905**

*Prepared For:*

**Dudek**

**Order #: 109659**

**Job #: 241536**

**Date: 06/07/2018**

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## **Target Property Summary**

### **Target Property Information**

*Torrey Wind Project  
McCain Valley Rd  
Boulevard, California 91905*

#### **Coordinates**

*Area*

#### **USGS Quadrangle**

*Sombrero Peak, CA  
Live Oak Springs, CA*

### **Geographic Coverage Information**

**County/Parish:** San Diego (CA)

**ZipCode(s):**

Boulevard CA: 91905

## Database Radius Summary

### **FEDERAL LISTING**

<b>Acronym</b>	<b>Search Radius (miles)</b>	<b>TP/AP (0 - 0.02)</b>	<b>1/8 Mile (&gt; TP/AP)</b>	<b>1/4 Mile (&gt; 1/8)</b>	<b>1/2 Mile (&gt; 1/4)</b>	<b>1 Mile (&gt; 1/2)</b>	<b>&gt; 1 Mile</b>	<b>Total</b>
NWIS	0.5000	3	0	2	2	NS	NS	7
<b>SUB-TOTAL</b>		3	0	2	2	0	0	7

## Database Radius Summary

### STATE (CA) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
DWRWELLS	0.5000	2	0	2	2	NS	NS	6
SUB-TOTAL		2	0	2	2	0	0	6
TOTAL		5	0	4	4	0	0	13

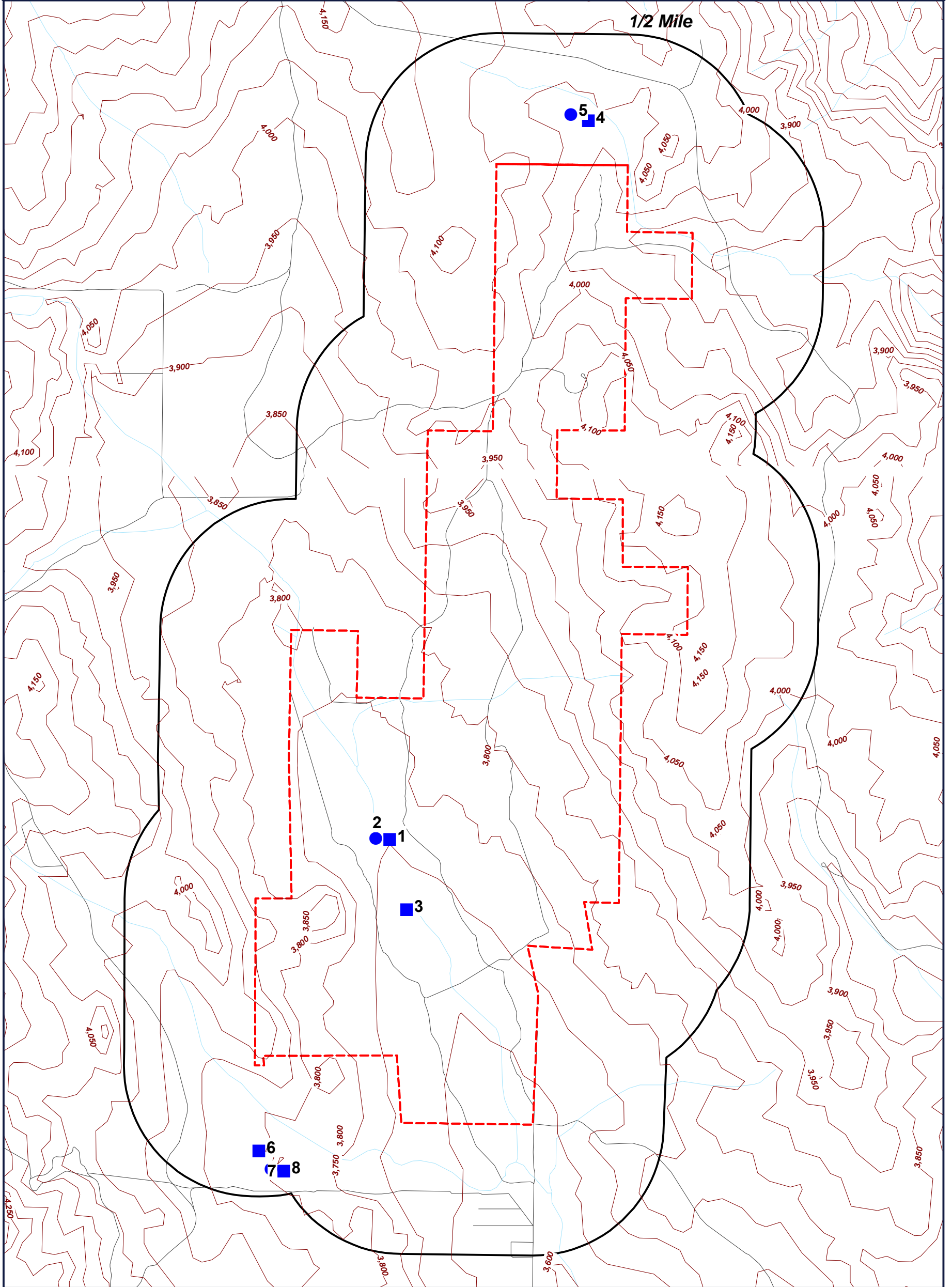
**NOTES:**




NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

WATER WELL

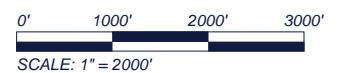
1/2 Mile



-  Target Property (TP)
-  NWIS
-  DWRWELLS

**Torrey Wind Project**  
**McCain Valley Rd**  
**Boulevard, California**  
**91905**

CONTOUR LINES REPRESENTED IN FEET



## Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
<a href="#">1</a>	NWIS	00072916	TP	016S007E31P001S		<a href="#">6</a>
<a href="#">1</a>	NWIS	00072922	TP	016S007E31P002S		<a href="#">8</a>
<a href="#">2</a>	DWRWELLS	0055798	TP		SAN DIEGO COUNTY, BOULEVARD, CA 91905	<a href="#">10</a>
<a href="#">2</a>	DWRWELLS	0055799	TP		SAN DIEGO COUNTY, BOULEVARD, CA 91905	<a href="#">11</a>
<a href="#">3</a>	NWIS	00072893	TP	017S007E06C001S		<a href="#">12</a>
<a href="#">4</a>	NWIS	00073163	0.168 mi. N (887 ft.)	016S007E20D002S		<a href="#">14</a>
<a href="#">4</a>	NWIS	00073164	0.187 mi. N (987 ft.)	016S007E20D001S		<a href="#">16</a>
<a href="#">5</a>	DWRWELLS	0055796	0.195 mi. N (1030 ft.)		SAN DIEGO COUNTY, BOULEVARD, CA 91905	<a href="#">18</a>
<a href="#">5</a>	DWRWELLS	0055797	0.195 mi. N (1030 ft.)		SAN DIEGO COUNTY, BOULEVARD, CA 91905	<a href="#">19</a>
<a href="#">6</a>	NWIS	00072733	0.328 mi. S (1732 ft.)	017S007E07D002S		<a href="#">20</a>
<a href="#">7</a>	DWRWELLS	0058347	0.395 mi. S (2086 ft.)		SAN DIEGO COUNTY, BOULEVARD, CA 91905	<a href="#">22</a>
<a href="#">7</a>	DWRWELLS	0058348	0.395 mi. S (2086 ft.)		SAN DIEGO COUNTY, BOULEVARD, CA 91905	<a href="#">23</a>
<a href="#">8</a>	NWIS	00072725	0.412 mi. SSE (2175 ft.)	017S007E07D001S		<a href="#">24</a>



**United States Geological Survey National Water Information System  
(NWIS)**

**MAP ID# 1**

Distance from Property: 0 mi. (0 ft.) X

GEOSEARCH ID: **00072916**  
REPORTING AGENCY: **US GEOLOGICAL SURVEY**  
SITE IDENTIFICATION NUMBER: **324347116180701**  
STATION NAME: **016S007E31P001S**  
SITE TYPE: **WELL**  
LATITUDE: **32.729779060**  
LONGITUDE: **-116.302795700**  
DISTRICT CODE: **06**  
STATE CODE: **06**  
COUNTY CODE: **073**  
COUNTRY CODE: **US**  
LAND NET LOCATION DESCRIPTION: **NOT REPORTED**  
NAME OF LOCATION MAP: **NOT REPORTED**  
SCALE OF LOCATION MAP: **NOT REPORTED**  
ALTITUDE OF GAGE/LAND SURFACE: **3710.**  
METHOD OF ALTITUDE DETERMINED: **INTERPOLATED FROM TOPOGRAPHIC MAP**  
ALTITUDE ACCURACY: **20**  
ALTITUDE DATUM: **NGVD29**  
HYDROLOGIC UNIT CODE: **18100200**  
DRAINAGE BASIN CODE: **NOT REPORTED**  
TOPOGRAPHIC SETTING CODE: **F**  
DATE OF FIRST CONSTRUCTION: **NOT REPORTED**  
DATE SITE ESTABLISHED OR INVENTORIED: **NOT REPORTED**  
DRAINAGE AREA: **NOT REPORTED**  
CONTRIBUTING DRAINAGE AREA: **NOT REPORTED**  
MEAN GREENWICH TIME OFFSET: **PST**  
LOCAL STANDARD TIME FLAG: **Y**  
DATA RELIABILITY: **DATA HAVE BEEN CHECKED BY THE REPORTING AGENCY**  
LOCAL AQUIFER: **NOT REPORTED**  
LOCAL AQUIFER TYPE CODE: **NOT REPORTED**  
NATIONAL AQUIFER CODE: **N9999OTHER**  
WELL DEPTH: **NOT REPORTED**  
HOLE DEPTH: **122 FEET**  
SOURCE OF DEPTH DATA: **NOT REPORTED**  
PROJECT NUMBER: **NOT REPORTED**  
REAL-TIME DATA FLAG: **0**  
PEAK-STREAMFLOW DATA BEGIN DATE: **--**  
PEAK-STREAMFLOW DATA END DATE: **--**  
PEAK-STREAMFLOW DATA COUNT: **0**  
WATER-QUALITY DATA BEGIN DATE: **1974-09-11**  
WATER-QUALITY DATA END DATE: **1974-09-01**  
WATER-QUALITY DATA COUNT: **1**  
FIELD WATER-LEVEL MEASUREMENTS BEGIN DATE: **1974-09-01**  
FIELD WATER-LEVEL MEASUREMENTS END DATE: **1974-09-01**

**United States Geological Survey National Water Information System  
(NWIS)**

FIELD WATER-LEVEL MEASUREMENTS COUNT: 1

SITE-VISIT DATA BEGIN DATE: --

SITE-VISIT DATA END DATE: --

SITE-VISIT DATA COUNT: 0

---

[Back to Report Summary](#)

**United States Geological Survey National Water Information System  
(NWIS)**

**MAP ID# 1**

Distance from Property: 0 mi. (0 ft.) X

GEOSEARCH ID: **00072922**  
REPORTING AGENCY: **US GEOLOGICAL SURVEY**  
SITE IDENTIFICATION NUMBER: **324348116180701**  
STATION NAME: **016S007E31P002S**  
SITE TYPE: **WELL**  
LATITUDE: **32.730056800**  
LONGITUDE: **-116.302795700**  
DISTRICT CODE: **06**  
STATE CODE: **06**  
COUNTY CODE: **073**  
COUNTRY CODE: **US**  
LAND NET LOCATION DESCRIPTION: **NOT REPORTED**  
NAME OF LOCATION MAP: **NOT REPORTED**  
SCALE OF LOCATION MAP: **NOT REPORTED**  
ALTITUDE OF GAGE/LAND SURFACE: **3710.**  
METHOD OF ALTITUDE DETERMINED: **INTERPOLATED FROM TOPOGRAPHIC MAP**  
ALTITUDE ACCURACY: **20**  
ALTITUDE DATUM: **NGVD29**  
HYDROLOGIC UNIT CODE: **18100200**  
DRAINAGE BASIN CODE: **NOT REPORTED**  
TOPOGRAPHIC SETTING CODE: **F**  
DATE OF FIRST CONSTRUCTION: **NOT REPORTED**  
DATE SITE ESTABLISHED OR INVENTORIED: **NOT REPORTED**  
DRAINAGE AREA: **NOT REPORTED**  
CONTRIBUTING DRAINAGE AREA: **NOT REPORTED**  
MEAN GREENWICH TIME OFFSET: **PST**  
LOCAL STANDARD TIME FLAG: **Y**  
DATA RELIABILITY: **DATA HAVE BEEN CHECKED BY THE REPORTING AGENCY**  
LOCAL AQUIFER: **NOT REPORTED**  
LOCAL AQUIFER TYPE CODE: **NOT REPORTED**  
NATIONAL AQUIFER CODE: **N9999OTHER**  
WELL DEPTH: **NOT REPORTED**  
HOLE DEPTH: **NOT REPORTED**  
SOURCE OF DEPTH DATA: **NOT REPORTED**  
PROJECT NUMBER: **NOT REPORTED**  
REAL-TIME DATA FLAG: **NOT REPORTED**  
PEAK-STREAMFLOW DATA BEGIN DATE: **NOT REPORTED**  
PEAK-STREAMFLOW DATA END DATE: **NOT REPORTED**  
PEAK-STREAMFLOW DATA COUNT: **NOT REPORTED**  
WATER-QUALITY DATA BEGIN DATE: **NOT REPORTED**  
WATER-QUALITY DATA END DATE: **NOT REPORTED**  
WATER-QUALITY DATA COUNT: **NOT REPORTED**  
FIELD WATER-LEVEL MEASUREMENTS BEGIN DATE: **NOT REPORTED**  
FIELD WATER-LEVEL MEASUREMENTS END DATE: **NOT REPORTED**

**United States Geological Survey National Water Information System  
(NWIS)**

FIELD WATER-LEVEL MEASUREMENTS COUNT: **NOT REPORTED**

SITE-VISIT DATA BEGIN DATE: **NOT REPORTED**

SITE-VISIT DATA END DATE: **NOT REPORTED**

SITE-VISIT DATA COUNT: **NOT REPORTED**

---

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## California Department of Water Resources Water Wells (DWRWELLS)

[MAP ID# 2](#)

Distance from Property: 0 mi. (0 ft.) X

GEOSEARCH ID: **0055798**

WATERWELL NUMBER: **16S07E31P001S**

WELL TYPE: **VOLUNTARY**

WELL DEPTH: **UNKNOWN**

WELL USAGE: **UNKNOWN**

BASIN: **NOT REPORTED**

LONGITUDE: **-116.303700000**

LATITUDE: **32.729900000**

---

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## California Department of Water Resources Water Wells (DWRWELLS)

[MAP ID# 2](#)

Distance from Property: 0 mi. (0 ft.) X

GEOSEARCH ID: **0055799**

WATERWELL NUMBER: **16S07E31P001S**

WELL TYPE: **VOLUNTARY**

WELL DEPTH: **UNKNOWN**

WELL USAGE: **UNKNOWN**

BASIN: **NOT REPORTED**

LONGITUDE: **-116.303700000**

LATITUDE: **32.729900000**

---

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**United States Geological Survey National Water Information System  
(NWIS)**

**MAP ID# 3**

Distance from Property: 0 mi. (0 ft.) X

GEOSEARCH ID: **00072893**  
REPORTING AGENCY: **US GEOLOGICAL SURVEY**  
SITE IDENTIFICATION NUMBER: **324333116180301**  
STATION NAME: **017S007E06C001S**  
SITE TYPE: **WELL**  
LATITUDE: **32.725890360**  
LONGITUDE: **-116.301684600**  
DISTRICT CODE: **06**  
STATE CODE: **06**  
COUNTY CODE: **073**  
COUNTRY CODE: **US**  
LAND NET LOCATION DESCRIPTION: **NOT REPORTED**  
NAME OF LOCATION MAP: **NOT REPORTED**  
SCALE OF LOCATION MAP: **NOT REPORTED**  
ALTITUDE OF GAGE/LAND SURFACE: **3675.**  
METHOD OF ALTITUDE DETERMINED: **INTERPOLATED FROM TOPOGRAPHIC MAP**  
ALTITUDE ACCURACY: **20**  
ALTITUDE DATUM: **NGVD29**  
HYDROLOGIC UNIT CODE: **18100200**  
DRAINAGE BASIN CODE: **NOT REPORTED**  
TOPOGRAPHIC SETTING CODE: **F**  
DATE OF FIRST CONSTRUCTION: **NOT REPORTED**  
DATE SITE ESTABLISHED OR INVENTORIED: **NOT REPORTED**  
DRAINAGE AREA: **NOT REPORTED**  
CONTRIBUTING DRAINAGE AREA: **NOT REPORTED**  
MEAN GREENWICH TIME OFFSET: **PST**  
LOCAL STANDARD TIME FLAG: **Y**  
DATA RELIABILITY: **DATA HAVE BEEN CHECKED BY THE REPORTING AGENCY**  
LOCAL AQUIFER: **NOT REPORTED**  
LOCAL AQUIFER TYPE CODE: **NOT REPORTED**  
NATIONAL AQUIFER CODE: **N9999OTHER**  
WELL DEPTH: **NOT REPORTED**  
HOLE DEPTH: **NOT REPORTED**  
SOURCE OF DEPTH DATA: **NOT REPORTED**  
PROJECT NUMBER: **NOT REPORTED**  
REAL-TIME DATA FLAG: **NOT REPORTED**  
PEAK-STREAMFLOW DATA BEGIN DATE: **NOT REPORTED**  
PEAK-STREAMFLOW DATA END DATE: **NOT REPORTED**  
PEAK-STREAMFLOW DATA COUNT: **NOT REPORTED**  
WATER-QUALITY DATA BEGIN DATE: **NOT REPORTED**  
WATER-QUALITY DATA END DATE: **NOT REPORTED**  
WATER-QUALITY DATA COUNT: **NOT REPORTED**  
FIELD WATER-LEVEL MEASUREMENTS BEGIN DATE: **NOT REPORTED**  
FIELD WATER-LEVEL MEASUREMENTS END DATE: **NOT REPORTED**

**United States Geological Survey National Water Information System  
(NWIS)**

FIELD WATER-LEVEL MEASUREMENTS COUNT: **NOT REPORTED**

SITE-VISIT DATA BEGIN DATE: **NOT REPORTED**

SITE-VISIT DATA END DATE: **NOT REPORTED**

SITE-VISIT DATA COUNT: **NOT REPORTED**

---

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**United States Geological Survey National Water Information System  
(NWIS)**

**MAP ID# 4**

Distance from Property: 0.168 mi. (887 ft.) N

GEOSEARCH ID: **00073163**  
REPORTING AGENCY: **US GEOLOGICAL SURVEY**  
SITE IDENTIFICATION NUMBER: **324610116172001**  
STATION NAME: **016S007E20D002S**  
SITE TYPE: **WELL**  
LATITUDE: **32.769500000**  
LONGITUDE: **-116.289739800**  
DISTRICT CODE: **06**  
STATE CODE: **06**  
COUNTY CODE: **073**  
COUNTRY CODE: **US**  
LAND NET LOCATION DESCRIPTION: **NOT REPORTED**  
NAME OF LOCATION MAP: **NOT REPORTED**  
SCALE OF LOCATION MAP: **NOT REPORTED**  
ALTITUDE OF GAGE/LAND SURFACE: **3965.**  
METHOD OF ALTITUDE DETERMINED: **INTERPOLATED FROM TOPOGRAPHIC MAP**  
ALTITUDE ACCURACY: **20**  
ALTITUDE DATUM: **NGVD29**  
HYDROLOGIC UNIT CODE: **18100200**  
DRAINAGE BASIN CODE: **NOT REPORTED**  
TOPOGRAPHIC SETTING CODE: **F**  
DATE OF FIRST CONSTRUCTION: **NOT REPORTED**  
DATE SITE ESTABLISHED OR INVENTORIED: **NOT REPORTED**  
DRAINAGE AREA: **NOT REPORTED**  
CONTRIBUTING DRAINAGE AREA: **NOT REPORTED**  
MEAN GREENWICH TIME OFFSET: **PST**  
LOCAL STANDARD TIME FLAG: **Y**  
DATA RELIABILITY: **DATA HAVE BEEN CHECKED BY THE REPORTING AGENCY**  
LOCAL AQUIFER: **NOT REPORTED**  
LOCAL AQUIFER TYPE CODE: **NOT REPORTED**  
NATIONAL AQUIFER CODE: **N9999OTHER**  
WELL DEPTH: **NOT REPORTED**  
HOLE DEPTH: **23.0 FEET**  
SOURCE OF DEPTH DATA: **NOT REPORTED**  
PROJECT NUMBER: **NOT REPORTED**  
REAL-TIME DATA FLAG: **NOT REPORTED**  
PEAK-STREAMFLOW DATA BEGIN DATE: **NOT REPORTED**  
PEAK-STREAMFLOW DATA END DATE: **NOT REPORTED**  
PEAK-STREAMFLOW DATA COUNT: **NOT REPORTED**  
WATER-QUALITY DATA BEGIN DATE: **NOT REPORTED**  
WATER-QUALITY DATA END DATE: **NOT REPORTED**  
WATER-QUALITY DATA COUNT: **NOT REPORTED**  
FIELD WATER-LEVEL MEASUREMENTS BEGIN DATE: **NOT REPORTED**  
FIELD WATER-LEVEL MEASUREMENTS END DATE: **NOT REPORTED**

**United States Geological Survey National Water Information System  
(NWIS)**

FIELD WATER-LEVEL MEASUREMENTS COUNT: **NOT REPORTED**

SITE-VISIT DATA BEGIN DATE: **NOT REPORTED**

SITE-VISIT DATA END DATE: **NOT REPORTED**

SITE-VISIT DATA COUNT: **NOT REPORTED**

---

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**United States Geological Survey National Water Information System  
(NWIS)**

**MAP ID# 4**

Distance from Property: 0.187 mi. (987 ft.) N

GEOSEARCH ID: **00073164**  
REPORTING AGENCY: **US GEOLOGICAL SURVEY**  
SITE IDENTIFICATION NUMBER: **324611116172101**  
STATION NAME: **016S007E20D001S**  
SITE TYPE: **WELL**  
LATITUDE: **32.769777780**  
LONGITUDE: **-116.290017600**  
DISTRICT CODE: **06**  
STATE CODE: **06**  
COUNTY CODE: **073**  
COUNTRY CODE: **US**  
LAND NET LOCATION DESCRIPTION: **NOT REPORTED**  
NAME OF LOCATION MAP: **NOT REPORTED**  
SCALE OF LOCATION MAP: **NOT REPORTED**  
ALTITUDE OF GAGE/LAND SURFACE: **3965.**  
METHOD OF ALTITUDE DETERMINED: **INTERPOLATED FROM TOPOGRAPHIC MAP**  
ALTITUDE ACCURACY: **20**  
ALTITUDE DATUM: **NGVD29**  
HYDROLOGIC UNIT CODE: **18100200**  
DRAINAGE BASIN CODE: **NOT REPORTED**  
TOPOGRAPHIC SETTING CODE: **F**  
DATE OF FIRST CONSTRUCTION: **1968**  
DATE SITE ESTABLISHED OR INVENTORIED: **NOT REPORTED**  
DRAINAGE AREA: **NOT REPORTED**  
CONTRIBUTING DRAINAGE AREA: **NOT REPORTED**  
MEAN GREENWICH TIME OFFSET: **PST**  
LOCAL STANDARD TIME FLAG: **Y**  
DATA RELIABILITY: **DATA HAVE BEEN CHECKED BY THE REPORTING AGENCY**  
LOCAL AQUIFER: **NOT REPORTED**  
LOCAL AQUIFER TYPE CODE: **NOT REPORTED**  
NATIONAL AQUIFER CODE: **N9999OTHER**  
WELL DEPTH: **NOT REPORTED**  
HOLE DEPTH: **73.0 FEET**  
SOURCE OF DEPTH DATA: **NOT REPORTED**  
PROJECT NUMBER: **NOT REPORTED**  
REAL-TIME DATA FLAG: **0**  
PEAK-STREAMFLOW DATA BEGIN DATE: **--**  
PEAK-STREAMFLOW DATA END DATE: **--**  
PEAK-STREAMFLOW DATA COUNT: **0**  
WATER-QUALITY DATA BEGIN DATE: **1975-01-01**  
WATER-QUALITY DATA END DATE: **1974-08-01**  
WATER-QUALITY DATA COUNT: **1**  
FIELD WATER-LEVEL MEASUREMENTS BEGIN DATE: **1974-08-01**  
FIELD WATER-LEVEL MEASUREMENTS END DATE: **1974-08-01**

**United States Geological Survey National Water Information System  
(NWIS)**

FIELD WATER-LEVEL MEASUREMENTS COUNT: 1

SITE-VISIT DATA BEGIN DATE: --

SITE-VISIT DATA END DATE: --

SITE-VISIT DATA COUNT: 0

---

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## California Department of Water Resources Water Wells (DWRWELLS)

**MAP ID# 5**

Distance from Property: 0.195 mi. (1,030 ft.) N

GEOSEARCH ID: **0055796**

WATERWELL NUMBER: **16S07E20D001S**

WELL TYPE: **VOLUNTARY**

WELL DEPTH: **UNKNOWN**

WELL USAGE: **UNKNOWN**

BASIN: **NOT REPORTED**

LONGITUDE: **-116.290900000**

LATITUDE: **32.769900000**

---

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## California Department of Water Resources Water Wells (DWRWELLS)

**MAP ID# 5**

Distance from Property: 0.195 mi. (1,030 ft.) N

GEOSEARCH ID: **0055797**

WATERWELL NUMBER: **16S07E20D001S**

WELL TYPE: **VOLUNTARY**

WELL DEPTH: **UNKNOWN**

WELL USAGE: **UNKNOWN**

BASIN: **NOT REPORTED**

LONGITUDE: **-116.290900000**

LATITUDE: **32.769900000**

---

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**United States Geological Survey National Water Information System  
(NWIS)**

**MAP ID# 6**

Distance from Property: 0.328 mi. (1,732 ft.) S

GEOSEARCH ID: **00072733**  
REPORTING AGENCY: **US GEOLOGICAL SURVEY**  
SITE IDENTIFICATION NUMBER: **324245116183801**  
STATION NAME: **017S007E07D002S**  
SITE TYPE: **WELL**  
LATITUDE: **32.712557470**  
LONGITUDE: **-116.311406700**  
DISTRICT CODE: **06**  
STATE CODE: **06**  
COUNTY CODE: **073**  
COUNTRY CODE: **US**  
LAND NET LOCATION DESCRIPTION: **NOT REPORTED**  
NAME OF LOCATION MAP: **NOT REPORTED**  
SCALE OF LOCATION MAP: **NOT REPORTED**  
ALTITUDE OF GAGE/LAND SURFACE: **3805.**  
METHOD OF ALTITUDE DETERMINED: **INTERPOLATED FROM TOPOGRAPHIC MAP**  
ALTITUDE ACCURACY: **20**  
ALTITUDE DATUM: **NGVD29**  
HYDROLOGIC UNIT CODE: **18100200**  
DRAINAGE BASIN CODE: **NOT REPORTED**  
TOPOGRAPHIC SETTING CODE: **F**  
DATE OF FIRST CONSTRUCTION: **NOT REPORTED**  
DATE SITE ESTABLISHED OR INVENTORIED: **NOT REPORTED**  
DRAINAGE AREA: **NOT REPORTED**  
CONTRIBUTING DRAINAGE AREA: **NOT REPORTED**  
MEAN GREENWICH TIME OFFSET: **PST**  
LOCAL STANDARD TIME FLAG: **Y**  
DATA RELIABILITY: **DATA HAVE BEEN CHECKED BY THE REPORTING AGENCY**  
LOCAL AQUIFER: **NOT REPORTED**  
LOCAL AQUIFER TYPE CODE: **NOT REPORTED**  
NATIONAL AQUIFER CODE: **N9999OTHER**  
WELL DEPTH: **NOT REPORTED**  
HOLE DEPTH: **NOT REPORTED**  
SOURCE OF DEPTH DATA: **NOT REPORTED**  
PROJECT NUMBER: **NOT REPORTED**  
REAL-TIME DATA FLAG: **NOT REPORTED**  
PEAK-STREAMFLOW DATA BEGIN DATE: **NOT REPORTED**  
PEAK-STREAMFLOW DATA END DATE: **NOT REPORTED**  
PEAK-STREAMFLOW DATA COUNT: **NOT REPORTED**  
WATER-QUALITY DATA BEGIN DATE: **NOT REPORTED**  
WATER-QUALITY DATA END DATE: **NOT REPORTED**  
WATER-QUALITY DATA COUNT: **NOT REPORTED**  
FIELD WATER-LEVEL MEASUREMENTS BEGIN DATE: **NOT REPORTED**  
FIELD WATER-LEVEL MEASUREMENTS END DATE: **NOT REPORTED**

**United States Geological Survey National Water Information System  
(NWIS)**

FIELD WATER-LEVEL MEASUREMENTS COUNT: **NOT REPORTED**

SITE-VISIT DATA BEGIN DATE: **NOT REPORTED**

SITE-VISIT DATA END DATE: **NOT REPORTED**

SITE-VISIT DATA COUNT: **NOT REPORTED**

---

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## California Department of Water Resources Water Wells (DWRWELLS)

[MAP ID# 7](#)

Distance from Property: 0.395 mi. (2,086 ft.) S

GEOSEARCH ID: **0058347**

WATERWELL NUMBER: **17S07E07D001S**

WELL TYPE: **VOLUNTARY**

WELL DEPTH: **UNKNOWN**

WELL USAGE: **UNKNOWN**

BASIN: **NOT REPORTED**

LONGITUDE: **-116.310600000**

LATITUDE: **32.711600000**

---

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## California Department of Water Resources Water Wells (DWRWELLS)

[MAP ID# 7](#)

Distance from Property: 0.395 mi. (2,086 ft.) S

GEOSEARCH ID: **0058348**

WATERWELL NUMBER: **17S07E07D001S**

WELL TYPE: **VOLUNTARY**

WELL DEPTH: **UNKNOWN**

WELL USAGE: **UNKNOWN**

BASIN: **NOT REPORTED**

LONGITUDE: **-116.310600000**

LATITUDE: **32.711600000**

---

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**United States Geological Survey National Water Information System  
(NWIS)**

**MAP ID# 8**

Distance from Property: 0.412 mi. (2,175 ft.) SSE

GEOSEARCH ID: **00072725**  
REPORTING AGENCY: **US GEOLOGICAL SURVEY**  
SITE IDENTIFICATION NUMBER: **324241116183201**  
STATION NAME: **017S007E07D001S**  
SITE TYPE: **WELL**  
LATITUDE: **32.711446400**  
LONGITUDE: **-116.309740000**  
DISTRICT CODE: **06**  
STATE CODE: **06**  
COUNTY CODE: **073**  
COUNTRY CODE: **US**  
LAND NET LOCATION DESCRIPTION: **NOT REPORTED**  
NAME OF LOCATION MAP: **NOT REPORTED**  
SCALE OF LOCATION MAP: **NOT REPORTED**  
ALTITUDE OF GAGE/LAND SURFACE: **3790.**  
METHOD OF ALTITUDE DETERMINED: **INTERPOLATED FROM TOPOGRAPHIC MAP**  
ALTITUDE ACCURACY: **20**  
ALTITUDE DATUM: **NGVD29**  
HYDROLOGIC UNIT CODE: **18100200**  
DRAINAGE BASIN CODE: **NOT REPORTED**  
TOPOGRAPHIC SETTING CODE: **NOT REPORTED**  
DATE OF FIRST CONSTRUCTION: **NOT REPORTED**  
DATE SITE ESTABLISHED OR INVENTORIED: **NOT REPORTED**  
DRAINAGE AREA: **NOT REPORTED**  
CONTRIBUTING DRAINAGE AREA: **NOT REPORTED**  
MEAN GREENWICH TIME OFFSET: **PST**  
LOCAL STANDARD TIME FLAG: **Y**  
DATA RELIABILITY: **DATA HAVE BEEN CHECKED BY THE REPORTING AGENCY**  
LOCAL AQUIFER: **NOT REPORTED**  
LOCAL AQUIFER TYPE CODE: **NOT REPORTED**  
NATIONAL AQUIFER CODE: **N9999OTHER**  
WELL DEPTH: **NOT REPORTED**  
HOLE DEPTH: **19.0 FEET**  
SOURCE OF DEPTH DATA: **NOT REPORTED**  
PROJECT NUMBER: **NOT REPORTED**  
REAL-TIME DATA FLAG: **0**  
PEAK-STREAMFLOW DATA BEGIN DATE: **--**  
PEAK-STREAMFLOW DATA END DATE: **--**  
PEAK-STREAMFLOW DATA COUNT: **0**  
WATER-QUALITY DATA BEGIN DATE: **1974-09-18**  
WATER-QUALITY DATA END DATE: **1974-09-01**  
WATER-QUALITY DATA COUNT: **1**  
FIELD WATER-LEVEL MEASUREMENTS BEGIN DATE: **1974-09-01**  
FIELD WATER-LEVEL MEASUREMENTS END DATE: **1974-09-01**

**United States Geological Survey National Water Information System  
(NWIS)**

FIELD WATER-LEVEL MEASUREMENTS COUNT: 1

SITE-VISIT DATA BEGIN DATE: --

SITE-VISIT DATA END DATE: --

SITE-VISIT DATA COUNT: 0

---

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## ***Environmental Records Definitions - FEDERAL***

**NWIS**

United States Geological Survey National Water Information System

VERSION DATE: 12/14/16

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.

## ***Environmental Records Definitions - STATE (CA)***

**DWRWELLS**

California Department of Water Resources Water Wells

VERSION DATE: 09/20/17

The California Department of Water Resources (DWR) maintains this database of water wells, including California Statewide Groundwater Elevation Monitoring (CASGEM) program wells and Voluntary wells. In Late 2009 the State Legislature amended the Water Code with SBx7-6, which mandates a statewide groundwater elevation monitoring program to track seasonal and long-term trends in groundwater elevations in California's groundwater basins. To achieve that goal, the amendment requires collaboration between local monitoring entities and DWR to collect groundwater elevation data. In accordance with this amendment to the Water Code, DWR developed the CASGEM program.

**APPENDIX E**  
*Oil and Gas Report*



On time. On target. In touch.™

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## **GeoPlus Oil & Gas Report**

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[Satellite view](#)

*Target Property:*

**Torrey Wind Project**

**McCain Valley Rd**

**Boulevard, San Diego County, California 91905**

*Prepared For:*

**Dudek**

**Order #: 109659**

**Job #: 241537**

**Date: 06/07/2018**



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## Disclaimer

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## **Target Property Summary**

### **Target Property Information**

*Torrey Wind Project  
McCain Valley Rd  
Boulevard, California 91905*

#### **Coordinates**

*Area*

#### **USGS Quadrangle**

*Sombrero Peak, CA  
Live Oak Springs, CA*

### **Geographic Coverage Information**

**County/Parish:** San Diego (CA)

**ZipCode(s):**

Boulevard CA: 91905

## Database Radius Summary

### STATE (CA) LISTING

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
OG	0.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	0	0	0	0	0	0
TOTAL		0	0	0	0	0	0	0

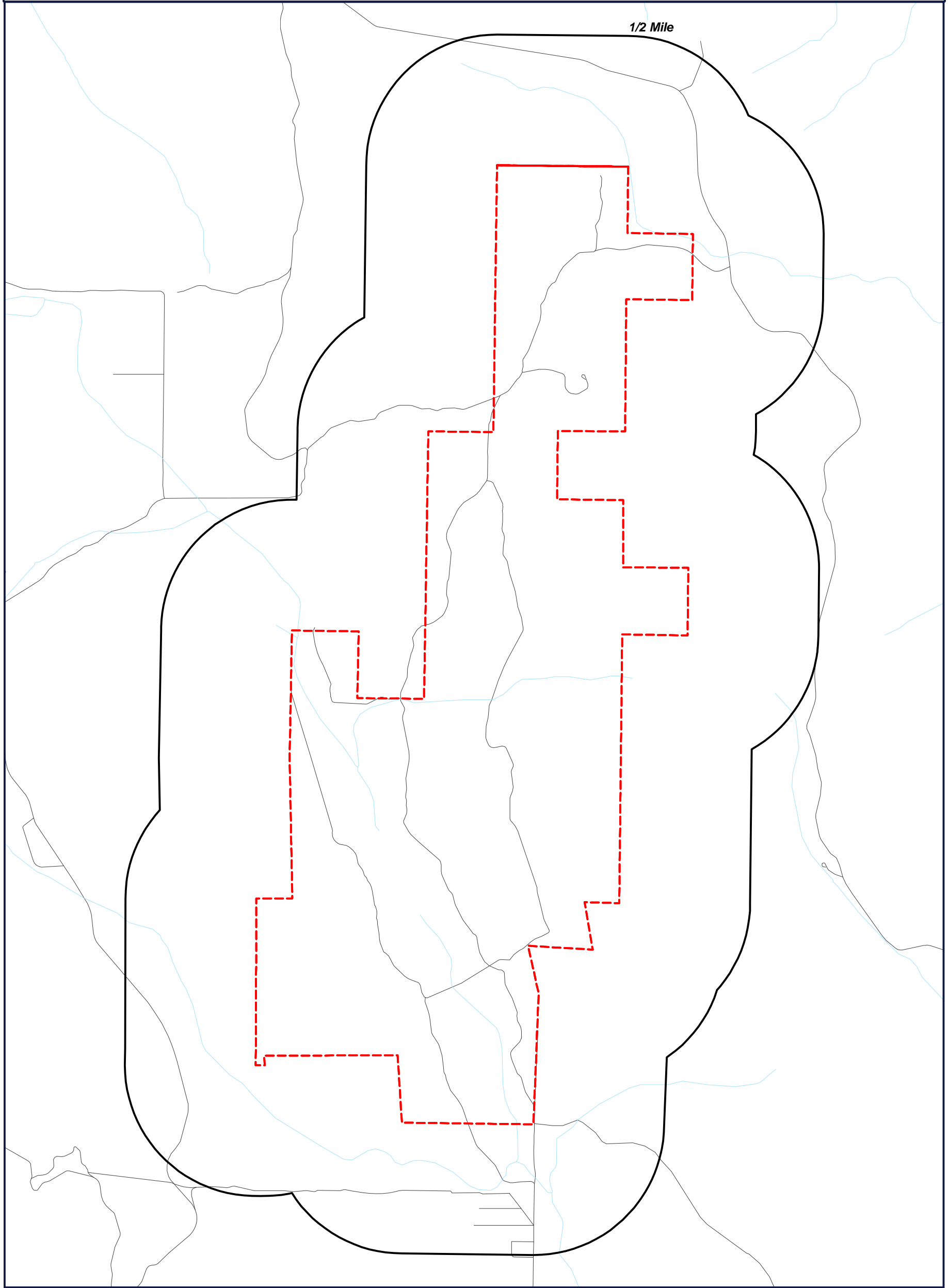
**NOTES:**

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

OIL / GAS WELL MAP

1/2 Mile



Target Property (TP)  
Well Location

**Torrey Wind Project**  
**McCain Valley Rd**  
**Boulevard, California**  
**91905**



0' 1000' 2000' 3000'  
SCALE: 1" = 2000'

## Located Sites Summary

No Records Found.

## ***Environmental Records Definitions - STATE (CA)***

**OG** Oil and Gas

VERSION DATE: 04/16/18

This oil, gas, and geothermal well information database is maintained by the California Department of Conservation's Division of Oil, Gas, and Geothermal Resources. The database information may change without notice. The Department of Conservation makes no warranties, whether expressed or implied, as to the suitability of the product for any particular purpose. Any use of this information is at the user's own risk.

# **APPENDIX F**

## *Interviews*



**Property Background Information Questionnaire for  
Property Owner, Occupant, and/or Representative**

---

**PLEASE GIVE FURTHER DETAILS FOR ALL "YES" ANSWERS.**

1. Describe the current uses of the Property. How long has the property been used for these purposes, and how long have you occupied the Property?

*PROPERTY IS VACANT OPEN GROUND. HAS SOME PASTURE LAND WHICH IS USED FOR GRAZING PART OF THE YEAR. OWNER DOES NOT OCCUPY.*

2. Describe the past uses, owners, and operators of the Property.

*SAME AS ABOVE. PAST OWNER HISTORY IS UNKNOWN.*

3. Have the Property or adjoining properties been used for industrial activities including the following? (Please note that an adjoining property is a property that is next to your Property, even if it is across the street).

<i>Gasoline Station</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Printing Facility</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Metal Plating Manufacturing</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Landfill</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Motor Repair Facility</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Dry Cleaners</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Junkyard</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Waste Treatment</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Storage, Disposal, or Recycling Facility</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Describe other industrial activities, if any.

4. Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped above ground, buried, or burned on the Property?  Yes  No

If yes, please describe.

**Property Background Information Questionnaire for  
Property Owner, Occupant, and/or Representative**

---

5. Have any of the following items been stored on the Property in containers greater than 5 gallons?

*Paint*             Yes  No

*Chemicals*       Yes  No

*Pesticides*      Yes  No

6. Have hazardous substances or petroleum products been stored on the Property or transferred across the Property in pipelines, either above or below ground?

Yes  No  Unknown

7. Have 55-gallon drums or sacks of chemicals been stored on the Property?

Yes  No  Unknown

8. Has fill dirt been brought onto the property from an offsite source?

Yes  No  Unknown    If Yes, Source of Fill \_\_\_\_\_

9. Is there evidence that the fill dirt in Question 8 may be contaminated?

Yes  No  Unknown    Please provide soil sampling data, if available.

10. Are there currently any pits, ponds, or lagoons on the Property?

Yes  No  Unknown

11. Have any pits, ponds, or lagoons previously existed on the Property?

Yes  No  Unknown

12. Are there currently areas on the Property with stained soil?

Yes  No  Unknown

13. Have stained soils previously existed on the property?

Yes  No  Unknown

## Property Background Information Questionnaire for Property Owner, Occupant, and/or Representative

---

14. Do underground or above-ground storage tanks exist, or have they existed previously on the Property?
- Yes  No  Unknown
15. Do fill pipes, vent pipes, or access ways indicating the presence of underground storage tanks exist on the Property?
- Yes  No  Unknown
16. Have fill pipes or vent pipes which may indicate the presence of an underground storage tank been removed from the Property?
- Yes  No  Unknown
17. Are floor drains stained with anything other than water in any area on the Property?
- Yes  No  Unknown
18. Do floor drains on the Property emit foul odors?
- Yes  No  Unknown
19. Is the Property served by private well or non-public water source?
- Yes  No  Unknown
20. Are contaminants known to exist in any private well or non-public water system serving the Property?
- Yes  No  Unknown
21. Does the Property discharge wastewater, other than domestic wastewater or storm water, into the sewer?
- Yes  No  Unknown
22. Other than permission for domestic hookup, have any city, county, or local permits for wastewater discharge been issued to the Property?
- Yes  No  Unknown

**Property Background Information Questionnaire for  
Property Owner, Occupant, and/or Representative**

---

23. Does a septic tank exist, or has one existed previously at the Property?  
 Yes  No  Unknown
24. Do cesspools or cisterns currently exist on the Property?  
 Yes  No  Unknown
25. Have cesspools or cisterns previously existed on the Property?  
 Yes  No  Unknown
26. Other than storm water, does the Property discharge waste water onto the neighboring Property?  
 Yes  No  Unknown
27. Is there a transformer or capacitor that may contain PCBs on the Property?  
 Yes  No  Unknown
28. Is there any hydraulic equipment such as automobile lifts or elevators on the property?  
 Yes  No  Unknown
29. Are PCBs contained in hydraulic oil associated with hydraulic equipment located on the Property?  
 Yes  No  Unknown
30. Has an asbestos and/or lead based paint survey been conducted at the Property?  
 Yes  No  Unknown
31. Have pesticides, herbicides, or insecticides been applied on the Property?  
 Yes  No  Unknown If Yes, Describe Type: \_\_\_\_\_
32. Are you aware of any environmental liens against the Property that are filed or recorded under federal, tribal, state, or local law?  
 Yes  No  Unknown

## Property Background Information Questionnaire for Property Owner, Occupant, and/or Representative

---

33. Have notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products associated with activities conducted on the Property been issued?

Yes  No  Unknown

34. Has the property been included in any of the following documents (please provide any of the available documents)?

Environmental Assessment Reports	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Environmental Compliance Audits	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Environmental Permits	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Underground or Aboveground Tank Registrations	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Underground Injection System Registrations	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Safety Data Sheets	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Community Right-to-Know Plan	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Spill Prevention, Control, and Countermeasure Plan	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Groundwater Monitoring or Soil Sampling Reports	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Hazardous Waste Generator Reports	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Geotechnical Reports	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown
Risk Assessment Reports	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown

35. Have other environmental assessments identified hazardous substances or petroleum products that exist, or may have existed on the Property?

Yes  No  Unknown

36. Is there any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products associated with the Property?

Yes  No  Unknown

37. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the Property and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes  No  Unknown

**Property Background Information Questionnaire for  
Property Owner, Occupant, and/or Representative**

---

38. Are you aware of any commonly known or reasonably ascertainable information about the Property that would help the environmental professional to identify conditions indicative of releases or threatened releases?

Yes  No  Unknown

39. Do you have any specialized knowledge or experience related to the Property or near-by properties, including the knowledge of the chemicals and processes used by this type of business?

Yes  No  Unknown

40. Based on your knowledge or experience related to the Property, are there any obvious indicators that point to the presence or likely presence of contamination?

Yes  No  Unknown

41. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Yes  No  Unknown

*Note: owner has not been on property and has limited knowledge.*

Eugene Gabrych  
Signature

6-6-18  
Date

Eugene Gabrych  
Name (Printed)

Owner  Occupant  Owner Representative

Property Address: \_\_\_\_\_  
\_\_\_\_\_

**X3. User Questionnaire → to be completed by the user of the Phase I ESA Report**

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the user must provide the following information, if available, to the *environmental professional*. Failure to provide this information could result in a determination that the "*all appropriate inquiry*" is not complete.

- 1) Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

NO

- 2) Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

NO

- 3) As the user of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

NO

- 4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

YES

- 5) Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

a) Do you know the past uses of the property? NO

b) Do you know of specific chemicals that are present or once were present at the property?

NO

c) Do you know of spills or other chemical releases that have taken place at the property? NO

d) Do you know of any environmental cleanups that have taken place at the property? NO

- 6) As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

NO

## Property Background Information Questionnaire for Property Owner, Occupant, and/or Representative

---

### PLEASE GIVE FURTHER DETAILS FOR ALL "YES" ANSWERS.

1. Describe the current uses of the Property. How long has the property been used for these purposes, and how long have you occupied the Property?

*Property is vacant open ground. Has some pasture land which is used for grazing part of the year. Owner does not occupy*

2. Describe the past uses, owners, and operators of the Property.

*Same as above. Past owner history is unknown.*

3. Have the Property or adjoining properties been used for industrial activities including the following? (Please note that an adjoining property is a property that is next to your Property, even if it is across the street).

<i>Gasoline Station</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Printing Facility</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Metal Plating Manufacturing</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Landfill</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Motor Repair Facility</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Dry Cleaners</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Junkyard</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Waste Treatment</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>Storage, Disposal, or Recycling Facility</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Describe other industrial activities, if any.

4. Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped above ground, buried, or burned on the Property?  Yes  No

If yes, please describe.



## Property Background Information Questionnaire for Property Owner, Occupant, and/or Representative

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5. Have any of the following items been stored on the Property in containers greater than 5 gallons?
- Paint*       Yes  No  
*Chemicals*       Yes  No  
*Pesticides*       Yes  No
6. Have hazardous substances or petroleum products been stored on the Property or transferred across the Property in pipelines, either above or below ground?
- Yes  No  Unknown
7. Have 55-gallon drums or sacks of chemicals been stored on the Property?
- Yes  No  Unknown
8. Has fill dirt been brought onto the property from an offsite source?
- Yes  No  Unknown    If Yes, Source of Fill \_\_\_\_\_
9. Is there evidence that the fill dirt in Question 8 may be contaminated?
- Yes  No  Unknown    Please provide soil sampling data, if available.
10. Are there currently any pits, ponds, or lagoons on the Property?
- Yes  No  Unknown
11. Have any pits, ponds, or lagoons previously existed on the Property?
- Yes  No  Unknown
12. Are there currently areas on the Property with stained soil?
- Yes  No  Unknown
13. Have stained soils previously existed on the property?
- Yes  No  Unknown

**Property Background Information Questionnaire for  
Property Owner, Occupant, and/or Representative**

---

14. Do underground or above-ground storage tanks exist, or have they existed previously on the Property?
- Yes  No  Unknown
15. Do fill pipes, vent pipes, or access ways indicating the presence of underground storage tanks exist on the Property?
- Yes  No  Unknown
16. Have fill pipes or vent pipes which may indicate the presence of an underground storage tank been removed from the Property?
- Yes  No  Unknown
17. Are floor drains stained with anything other than water in any area on the Property?
- Yes  No  Unknown
18. Do floor drains on the Property emit foul odors?
- Yes  No  Unknown
19. Is the Property served by private well or non-public water source?
- Yes  No  Unknown
20. Are contaminants known to exist in any private well or non-public water system serving the Property?
- Yes  No  Unknown
21. Does the Property discharge wastewater, other than domestic wastewater or storm water, into the sewer?
- Yes  No  Unknown
22. Other than permission for domestic hookup, have any city, county, or local permits for wastewater discharge been issued to the Property?
- Yes  No  Unknown

**Property Background Information Questionnaire for  
Property Owner, Occupant, and/or Representative**

---

23. Does a septic tank exist, or has one existed previously at the Property?  
 Yes  No  Unknown
24. Do cesspools or cisterns currently exist on the Property?  
 Yes  No  Unknown
25. Have cesspools or cisterns previously existed on the Property?  
 Yes  No  Unknown
26. Other than storm water, does the Property discharge waste water onto the neighboring Property?  
 Yes  No  Unknown
27. Is there a transformer or capacitor that may contain PCBs on the Property?  
 Yes  No  Unknown
28. Is there any hydraulic equipment such as automobile lifts or elevators on the property?  
 Yes  No  Unknown
29. Are PCBs contained in hydraulic oil associated with hydraulic equipment located on the Property?  
 Yes  No  Unknown
30. Has an asbestos and/or lead based paint survey been conducted at the Property?  
 Yes  No  Unknown
31. Have pesticides, herbicides, or insecticides been applied on the Property?  
 Yes  No  Unknown If Yes, Describe Type: \_\_\_\_\_
32. Are you aware of any environmental liens against the Property that are filed or recorded under federal, tribal, state, or local law?  
 Yes  No  Unknown

## Property Background Information Questionnaire for Property Owner, Occupant, and/or Representative

---

33. Have notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products associated with activities conducted on the Property been issued?
- Yes  No  Unknown
34. Has the property been included in any of the following documents (please provide any of the available documents)?
- |                                                    |                                                                                                      |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Environmental Assessment Reports                   | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Environmental Compliance Audits                    | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Environmental Permits                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Underground or Aboveground Tank Registrations      | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Underground Injection System Registrations         | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Safety Data Sheets                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Community Right-to-Know Plan                       | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Spill Prevention, Control, and Countermeasure Plan | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Groundwater Monitoring or Soil Sampling Reports    | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Hazardous Waste Generator Reports                  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Geotechnical Reports                               | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
| Risk Assessment Reports                            | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
35. Have other environmental assessments identified hazardous substances or petroleum products that exist, or may have existed on the Property?
- Yes  No  Unknown
36. Is there any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products associated with the Property?
- Yes  No  Unknown
37. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the Property and/or have been filed or recorded in a registry under federal, tribal, state or local law?
- Yes  No  Unknown

**Property Background Information Questionnaire for  
Property Owner, Occupant, and/or Representative**

---

38. Are you aware of any commonly known or reasonably ascertainable information about the Property that would help the environmental professional to identify conditions indicative of releases or threatened releases?

Yes  No  Unknown

39. Do you have any specialized knowledge or experience related to the Property or nearby properties, including the knowledge of the chemicals and processes used by this type of business?

Yes  No  Unknown

40. Based on your knowledge or experience related to the Property, are there any obvious indicators that point to the presence or likely presence of contamination?

Yes  No  Unknown

41. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Yes  No  Unknown

Ken Wagner  
Signature

6-11-18  
Date

Ken Wagner  
Name (Printed)

Owner  Occupant  Owner Representative

Property Address: \_\_\_\_\_  
\_\_\_\_\_

**APPENDIX G**  
*Regulatory Agency Records*



Matthew Rodriguez  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

Barbara A. Lee, Director  
2375 Northside Drive, Suite 100  
San Diego, California 92108



Edmund G. Brown Jr.  
Governor

June 19, 2018

DUDEK  
Claire Kouba  
621 Chapala Street  
Santa Barbara, California 93101

**Re: McCain Valley Road, Boulevard, California 91905  
529-050-01, 529-060-01, 529-090-02, 529-100-01, 529-100-02, 529-100-03, 529-120-01, 529-120-03, 529-130-01, 611-010-01, 611-010-02, 611-010-03 and 611-020-01**

Dear Ms. Claire Kouba:

We have received your Public Records Act Request for records from Department of Toxic Substances Control.

After thorough review of our files we have found that, **no such records** exist at this office pertaining to the site/facility referenced above.

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. Envirostor can be accessed at:  
<http://www.envirostor.dtsc.ca.gov/public>.

If you have any questions, or would like further information regarding your request, please contact our Regional Records Coordinator at (619) 516-1982.

Sincerely,

Beatriz Davila  
Office Technician

## Claire Kouba

---

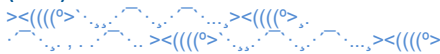
**From:** Lima, Lucas@Waterboards <Lucas.Lima@Waterboards.ca.gov> on behalf of RB9\_Records, WB@Waterboards <rb9\_records@waterboards.ca.gov>  
**Sent:** Wednesday, June 6, 2018 4:14 PM  
**To:** Claire Kouba  
**Subject:** RE: Records Request - McCain Valley Road

Good afternoon Claire.

We could find no records for the APNs requested.

Sincerely,

Lucas Lima | Public Records Coordinator  
San Diego Regional Water Quality Control Board  
2375 Northside Drive, Suite 100  
San Diego, CA 92108  
(619) 521-3377



---

**From:** Claire Kouba [mailto:ckouba@dudek.com]  
**Sent:** Friday, June 1, 2018 11:03 AM  
**To:** RB9\_Records, WB@Waterboards <rb9\_records@waterboards.ca.gov>  
**Subject:** Records Request - McCain Valley Road

Dear Coordinator of Records,

I would like to submit a public records request for the following APNs, located off of McCain Valley Rd, Boulevard, CA 91905:

- 529-050-01
- 529-060-01
- 529-090-02
- 529-100-01
- 529-100-02
- 529-100-03
- 529-120-01



- 529-120-03
- 529-130-01
- 611-010-01
- 611-010-02
- 611-010-03
- 611-020-01

This request is associated with an environmental assessment. I am interested in any and all records on file for the address/sites above.

Please contact me regarding the status of records, if any, on file for these addresses.

I can be reached by phone at 805-308-8537 or by email at [ckouba@dudek.com](mailto:ckouba@dudek.com)

Thank you. Sincerely,

**CLAIRE KOUBA, P.E.**  
HYDROGEOLOGIST

**DUDEK**  
ENGINEERING + ENVIRONMENTAL  
621 CHAPALA STREET  
SANTA BARBARA, CALIFORNIA 93101  
T 805.308.8537 F 805.963.2074

[WWW.DUDEK.COM](http://WWW.DUDEK.COM)

## Claire Kouba

---

**From:** Bilog, Gemma <Gemma.Bilog@sdcounty.ca.gov>  
**Sent:** Friday, June 8, 2018 10:48 AM  
**To:** Claire Kouba  
**Subject:** Request for Public Records #18-RP081

Hello Claire,

In response to your records request the County of San Diego, Department of Agriculture, Weights and Measures has no records pertaining to the following APNs:

- 529-050-01
- 529-060-01
- 529-090-02
- 529-100-01
- 529-100-02
- 529-100-03
- 529-120-01
- 529-120-03
- 529-130-01
- 611-010-01
- 611-010-02
- 611-010-03
- 611-020-01

Thank you,

**Gemma Bilog**

County of San Diego  
Department of Agriculture, Weights & Measures  
Phone (858) 614-7742  
Fax (858) 467-9277

**CONFIDENTIALITY NOTICE:** This e-mail is intended only for personal and confidential use of the individual(s) named as recipients and is covered by the Electronic Communications Privacy Act, 18 U.S.C. §§ 2510 2521. It may contain information that is privileged, confidential and/or protected from disclosure under applicable law including, but not limited to, the attorney client privilege and/or work product doctrine. If you are not the intended recipient of this transmission, please notify the sender immediately by telephone or return e-mail. Do not deliver, distribute or copy this transmission, disclose its contents or take any action in reliance on the information it contains.

Please consider the environment before printing this e-mail. 

---

**From:** Claire Kouba [<mailto:ckouba@dudek.com>]  
**Sent:** Friday, June 01, 2018 11:16 AM  
**To:** AWM Web Email  
**Subject:** Records Request - McCain Valley Road - AWM

Good morning,

I would like to submit a public records request for the following APNs:

- 529-050-01
- 529-060-01
- 529-090-02
- 529-100-01
- 529-100-02
- 529-100-03
- 529-120-01
- 529-120-03
- 529-130-01
- 611-010-01
- 611-010-02
- 611-010-03
- 611-020-01

This request is associated with an environmental assessment. I am interested in any and all records on file for the APNs above.

Please contact me regarding the status of records, if any, on file for these APNs. I can be reached by phone at 805-308-8537 or by email at [ckouba@dudek.com](mailto:ckouba@dudek.com).

Thank you,

**CLAIRE KOUBA, P.E.**  
HYDROGEOLOGIST

**DUDEK**  
ENGINEERING + ENVIRONMENTAL  
621 CHAPALA STREET  
SANTA BARBARA, CALIFORNIA 93101  
T 805.308.8537 F 805.963.2074

[WWW.DUDEK.COM](http://WWW.DUDEK.COM)

**From:** [Andrus, Edwin C.](#) on behalf of [DEH, Public Records](#)  
**To:** [Claire Kouba](#)  
**Subject:** Records Request - McCain Valley Road  
**Date:** Friday, June 8, 2018 8:11:12 AM  
**Attachments:** [Scanned from a Xerox Multifunction Printer.pdf](#)

---

Good Morning,

No records were found for all APNs per your request forms. See attached document.

**New Search Function:** Scanned files for closed Site Assessment and Mitigation Program cases and Monitoring Well Program permits can be downloaded directly through the new DEH Document Library at:

<http://www.sandiegocounty.gov/content/sdc/deh/doclibrary/>

You can search by Record ID, APN, address, document category, or keyword.

Thank you,

*Edwin C. Andrus*

Edwin C. Andrus  
Office Support Specialist  
DEH – LWQ  
(858) 505-6921

---

**From:** Claire Kouba [mailto:ckouba@dudek.com]  
**Sent:** Friday, June 01, 2018 11:15 AM  
**To:** DEH, Public Records <PublicRecords.DEH@sdcounty.ca.gov>  
**Subject:** Records Request - McCain Valley Road

Good Morning,

Attached are public records requests for multiple APNs off of McCain Valley Road.

Please let me know if you need any other information.

Thank you,

**CLAIRE KOUBA, P.E.**  
HYDROGEOLOGIST

**DUDEK**

ENGINEERING + ENVIRONMENTAL  
621 CHAPALA STREET  
SANTA BARBARA, CALIFORNIA 93101  
T 805.308.8537 F 805.963.2074  
[WWW.DUDEK.COM](http://WWW.DUDEK.COM)



Request # 06-003

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537 **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 529-050-01  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.):

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_

Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

6/8/18

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-004

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

<b>Requestor Name:</b> <u>Claire Kouba</u>	<b>E-Mail:</b> <u>ckouba@dudek.com</u>
<b>Phone:</b> <u>(805-308-8537)</u>	<b>FAX:</b> <u>( )</u>
<b>Company Name:</b> <u>Dudek</u>	
<b>Mailing Address:</b> <u>621 Chapala Street, Santa Barbara, CA 93101</u> <small>(You may attach a business card/overprint with business card if preferred)</small>	

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 529-060-01  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.): \_\_\_\_\_

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_  
 Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_  
 Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

6/8/18

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.





Request # 06-005



# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537) **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 529-090-02  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.):

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_

Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

*EA*

6/9/19

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-006

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537) **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 529-100-01  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.): \_\_\_\_\_

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_

Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

Signature - DEH Representative

6/8/18

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-007

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)



## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537) **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 529-100-02  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.): \_\_\_\_\_

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_

Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

*PCA*

*6/8/18*

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-008

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537) **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 529-100-03  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.): \_\_\_\_\_

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_

Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
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- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

*ECA*

*6/9/18*

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-009

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537) **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 529-120-01  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.):

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_

Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

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- HMD/UST files for the permit number(s) listed below are available.  
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- LMWP files for the permit number(s) listed below are available.  
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- No SAM/HMD/UST records were found / purged for the address/APN you requested.

*PCA*

*6/9/18*

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-010

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537) **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 529-120-03  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.): \_\_\_\_\_

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

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Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

6/8/18

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-011

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

<b>Requestor Name:</b> <u>Claire Kouba</u>	<b>E-Mail:</b> <u>ckouba@dudek.com</u>
<b>Phone:</b> <u>(805-308-8537)</u>	<b>FAX:</b> <u>( )</u>
<b>Company Name:</b> <u>Dudek</u>	
<b>Mailing Address:</b> <u>621 Chapala Street, Santa Barbara, CA 93101</u> <small>(You may attach a business card/overprint with business card if preferred)</small>	

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 529-130-01  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.): \_\_\_\_\_

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_  
 Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_  
 Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

Signature - DEH Representative

6/8/10

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-012

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

Requestor Name:	<u>Claire Kouba</u>	E-Mail:	<u>ckouba@dudek.com</u>
Phone:	<u>(805-308-8537</u>	FAX:	<u>( )</u>
Company Name:	<u>Dudek</u>		
Mailing Address:	<u>621 Chapala Street, Santa Barbara, CA 93101</u> <small>(You may attach a business card/overprint with business card if preferred)</small>		

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 611-010-01  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.): \_\_\_\_\_

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_
- Monitoring Well Files

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_  
 Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_  
 Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.





Request # 06-013

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537) **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 611-010-02  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.):

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_

Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

6/8/18

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-014



# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537) **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcounty.ca.gov](mailto:PublicRecords.DEH@sdcounty.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 611-010-03  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.): \_\_\_\_\_

**Please indicate the purpose of your search by checking all that apply:**

Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files

SAM Closure Letter/Report

Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)

Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_

Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

SAM files for the permit number(s) listed below are available.  
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HMD/UST files for the permit number(s) listed below are available.  
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LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_

No SAM/HMD/UST records were found / purged for the address/APN you requested.

[Signature] \_\_\_\_\_ 6/8/18  
Signature - DEH Representative Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Request # 06-015

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH  
P.O. BOX 129261, SAN DIEGO, CA 92112-9261  
(858) 505-6700 FAX (858) 505-6848  
[www.sdcdeh.org](http://www.sdcdeh.org)

## PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

**Requestor Name:** Claire Kouba **E-Mail:** ckouba@dudek.com

**Phone:** (805-308-8537) **FAX:** ( )

**Company Name:** Dudek

**Mailing Address:** 621 Chapala Street, Santa Barbara, CA 93101  
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, [www.sdcdeh.org](http://www.sdcdeh.org). Fax or email your completed form to the Public Records Program at (858) 505-6848 or [PublicRecords.DEH@sdcountry.ca.gov](mailto:PublicRecords.DEH@sdcountry.ca.gov). The following information is required. Separate forms are needed for each address or parcel number.

\_\_\_\_\_ or 611-020-01  
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.):

**Please indicate the purpose of your search by checking all that apply:**

- Contaminated Property Investigation(s) (SAM Cases)  Monitoring Well Files
- SAM Closure Letter/Report
- Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- Other (specify): \_\_\_\_\_

### OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Files copied for: \_\_\_\_\_ of \_\_\_\_\_ Date: \_\_\_\_\_

Request cancelled by: \_\_\_\_\_ Date: \_\_\_\_\_

Photocopies \_\_\_\_\_ Cost \_\_\_\_\_ E-mailed / picked up / mailed on \_\_\_\_\_ By \_\_\_\_\_

**A search for DEH records checked above has been conducted and the following apply:**

- SAM files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- HMD/UST files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- LMWP files for the permit number(s) listed below are available.  
# \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_
- No SAM/HMD/UST records were found / purged for the address/APN you requested.

*PCA*

*6/8/19*

Signature - DEH Representative

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.

**APPENDIX H**  
*Site Photographs*

# Torrey Wind Phase I Environmental Site Assessment Appendix H. Photographic Log – June 15, 2018

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Photo 1. Facing north from the southeastern corner of the subject property on Ribbonwood Rd, the main access road to the site. Left of the road is the subject property.



Photo 2. Facing west from Ribbonwood Rd. Looks across the southern end of the Subject Property.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 3. The primary entrance to the site 360 ft from the southeast corner of the subject property off of Ribbonwood Rd.



Photo 4. Facing south along the perimeter from the corner north of the entrance.

# Torrey Wind Phase I Environmental Site Assessment Appendix H. Photographic Log – June 15, 2018

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Photo 5. Facing west by the perimeter from a corner northwest of the entrance. Most of the subject property appears to be vacant, natural landscape.



Photo 6. Facing north by the perimeter from a corner northwest of the entrance. The turbines on the far right hand side are part of the adjacent property. Dirt trails, as seen in front, are primarily for dirt bike use.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 7. Facing south ~1 mile from the northern end of the property. Turbines are on adjacent property.



Photo 8. Facing west ~1 mile from the northern end of the property.



# Torrey Wind Phase I Environmental Site Assessment Appendix H. Photographic Log – June 15, 2018



Photo 9. Facing north about 1 mile from the northern end of the property. Turbines are on northern adjacent property.



Photo 10 (left) & Photo 11 (right). Facing south & facing north from road out of the northeastern end of the subject property. Turbines are on adjacent property.

# Torrey Wind Phase I Environmental Site Assessment

## Appendix H. Photographic Log – June 15, 2018

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Photo 11 (left) & Photo 12 (right). Facing east & facing west on the northern property boundary. The turbines are north on the adjacent property.



Photo 13. Facing south along the northwestern edge if the property, The turbines are west on the adjacent property.

# Torrey Wind Phase I Environmental Site Assessment

## Appendix H. Photographic Log – June 15, 2018

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Photo 14. Facing south near the inner western boundary. The ranchland can be seen on the distant right hand side. Otherwise property appears undeveloped and vacant.



Photo 15. Facing south along the western-most perimeter. No development observable on western adjacent property.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 16. Facing west from the southern most edge of the property towards the southern entrance of the property.



Photo 17. Facing south from the subject property towards the adjacent property. Appeared to be a residence with abandoned vehicles and an AST.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 18. Rusted, empty appliance near the gate entrance.



Photo 19. Tires and occasionally scrap metal can be found intermittently across the Subject Property.

# Torrey Wind Phase I Environmental Site Assessment Appendix H. Photographic Log – June 15, 2018



Photo 20. One of the wells with a pump and AST on the former ranchland. Well was no longer functional and appeared filled in.



Photo 21. AST had open ports at the top with petroleum odors and visible liquid at least half way down. The label indicated a 2000 gallon capacity.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

---



Photo 22. Well and pump assembly. Vegetation near pump appeared stressed based on yellowing.



Photo 23. Larger motor and AST with second well south of the smaller well. Well was covered by a bush. Label on AST was rusted over but appeared to be roughly 3-4,000 gallon capacity.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 24. Larger motor next to well.



Photo 25. Groundwater well covered in vegetation with AST in the background.



**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 26 (left). Observation well with locked cap in northeastern end of property. Photo 27 (right). Disconnected metal piping near the observation well.



Photo 28. Collapsed house/structure near the observation well.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

---



Photo 29. Scrap metal and bits of trash west and down slope of the collapsed house.



Photo 30. Abandoned well and possible cistern on the right hand side in north central part of property.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 31. Possible cistern 5' x 5' and about 2' tall. Broken glass, wood planks and metal wiring inside.



Photo 32. Example of the scattered metal canisters, drums, and scrap within 200 ft around abandoned well.

## Torrey Wind Phase I Environmental Site Assessment Appendix H. Photographic Log – June 15, 2018



Photo 33 (left). Old stove 500 ft south of abandoned well along dirt road. Bits of glass scattered 30 ft north of stove. Photo 34 (right). 8" diameter pipe 650' south of stove along road.



Photo 35. Utility powerline that runs across the northern section of the property. Post is at the edge of a crane pad for one of the stands. Bottom of post mentions herbicides in use.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 36. Cattle yard in disrepair in southwestern portion of the subject property.



Photo 37. Some of the feed/watering equipment east of the cattle yard

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 38 (left) & Photo 39 (right). Metal, glass, and wood debris on banks of dry streambed next to cattle yard.



Photo 40. Blue drum further down the dry streambed, around 400' east of the cattle yard. Labeling faded but container appeared mostly empty and no odors were observed.

## Torrey Wind Phase I Environmental Site Assessment Appendix H. Photographic Log – June 15, 2018



Photo 41 (left). Camping/picnic spot 110' north of cattle yard. Had two 5 gallon fuel containers and rusted empty metal canisters. Photo 42 (right). Close up of one of the fuel containers.



Photo 43. Remnants of a possible collapsed structure 700 feet south of the cattle yard. Wood planks, cut granite blocks, and metal sheet roofing are present. No tanks or other utilities found.

**Torrey Wind Phase I Environmental Site Assessment  
Appendix H. Photographic Log – June 15, 2018**

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Photo 44. Abandoned well near old residence 1000 feet south of the cattle yard.



Photo 45. Old residence with collapsed roof. No utilities found.



**APPENDIX I**  
*Historical Aerial Photographs*

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## ***Historical Aerial Photographs***

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*Target Property:*  
**Torrey Wind Project**  
**McCain Valley Rd**  
**Boulevard, San Diego, California 91905**

*Prepared For:*  
**Dudek**

**Order #: 109659**  
**Job #: 241535**  
**Project #:**  
**Date: 6/11/2018**

## Target Property Summary

**Torrey Wind Project**

**McCain Valley Rd**

**Boulevard, San Diego, California 91905**

USGS Quadrangle: **Sombrero Peak, Live Oak Springs**

Target Property Geometry: **Area**

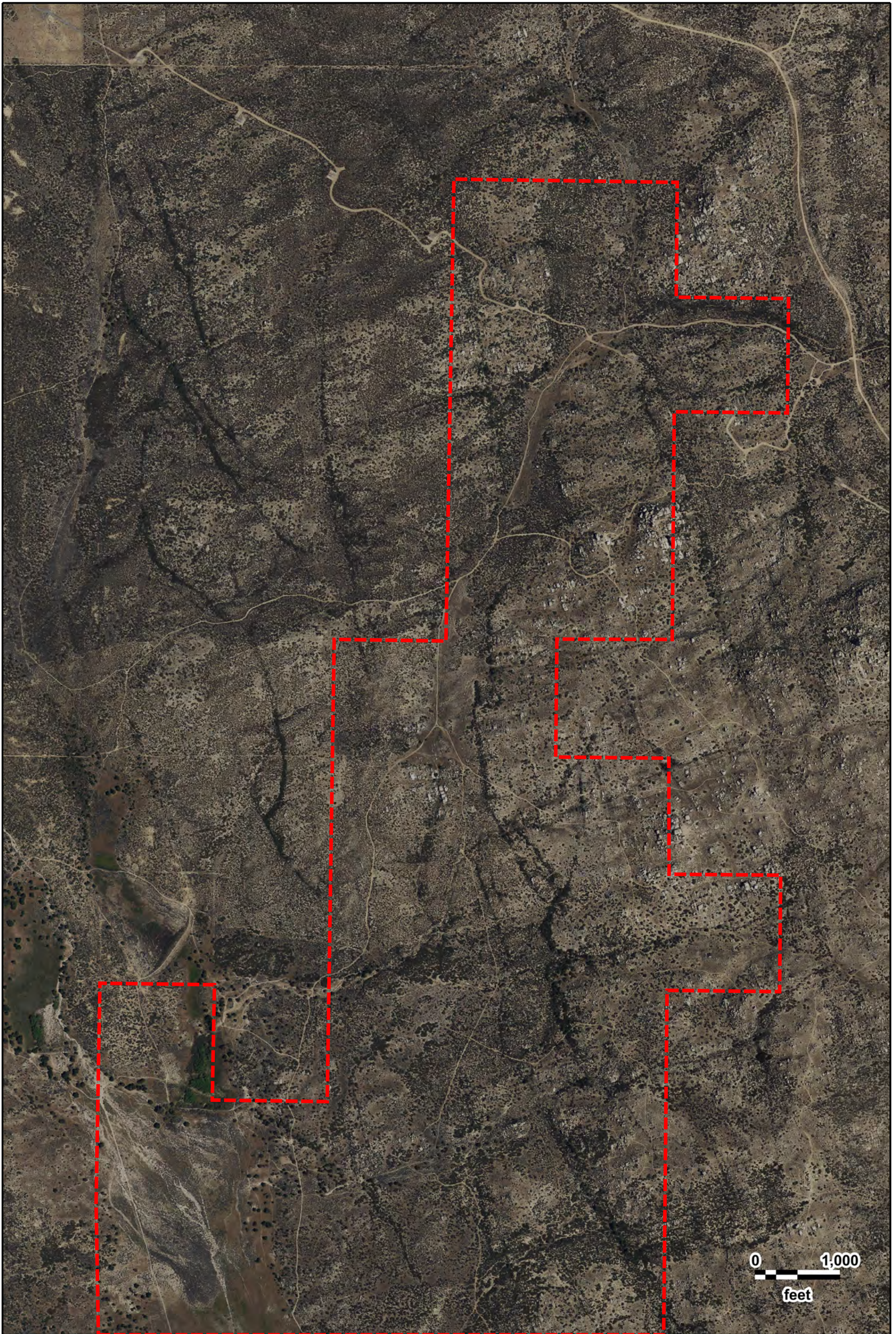
Target Property Longitude(s)/Latitude(s):

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## Aerial Research Summary

<u>Date</u>	<u>Source</u>	<u>Scale</u>	<u>Frame</u>
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2016	USDA	1" = 1000'	N/A
2014	USDA	1" = 1000'	N/A
2014	USDA	1" = 1000'	N/A
2012	USDA	1" = 1000'	N/A
2012	USDA	1" = 1000'	N/A
2010	USDA	1" = 1000'	N/A
2010	USDA	1" = 1000'	N/A
2009	USDA	1" = 1000'	N/A
2009	USDA	1" = 1000'	N/A
2005	USDA	1" = 1000'	N/A
2005	USDA	1" = 1000'	N/A
09/26/1996	USGS	1" = 1000'	N/A
09/26/1996	USGS	1" = 1000'	N/A
05/24/1994	USGS	1" = 1000'	N/A
05/24/1994	USGS	1" = 1000'	N/A
08/24/1984	USGS	1" = 1000'	225-182
1984	USGS	1" = 1000'	225-182
10/16/1975	USGS	1" = 1000'	1-6
10/16/1975	USGS	1" = 1000'	1-6
05/26/1968	ASCS	1" = 1000'	PI-10
05/26/1968	ASCS	1" = 1000'	PI-10
06/28/1955	USNAVY	1" = 1000'	20-3
06/28/1955	USNAVY	1" = 1000'	20-3
05/02/1953	ASCS	1" = 1000'	16-6
05/02/1953	ASCS	1" = 1000'	16-6
09/03/1943	ASCS	1" = 1000'	1-14
09/03/1943	ASCS	1" = 1000'	1-12

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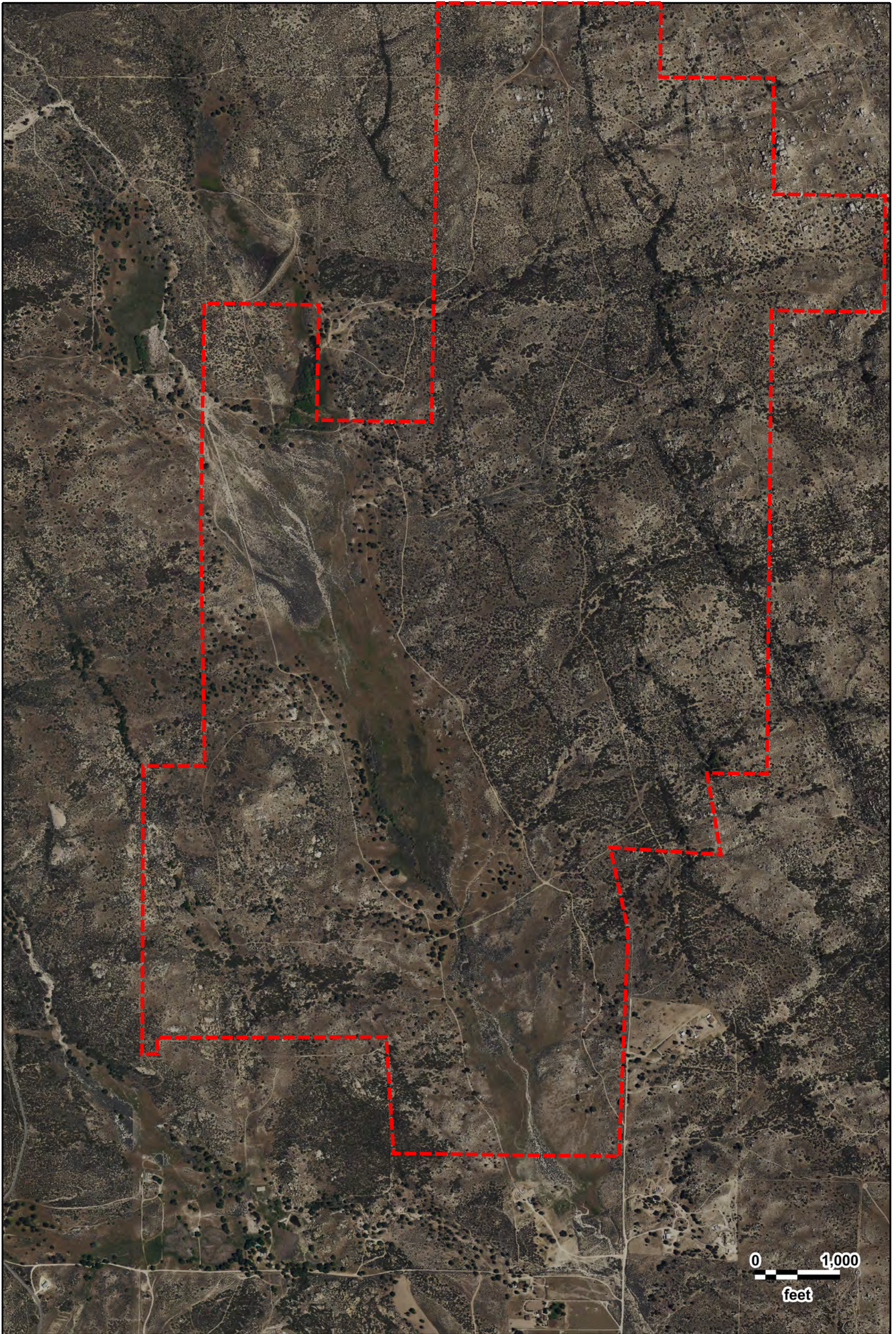


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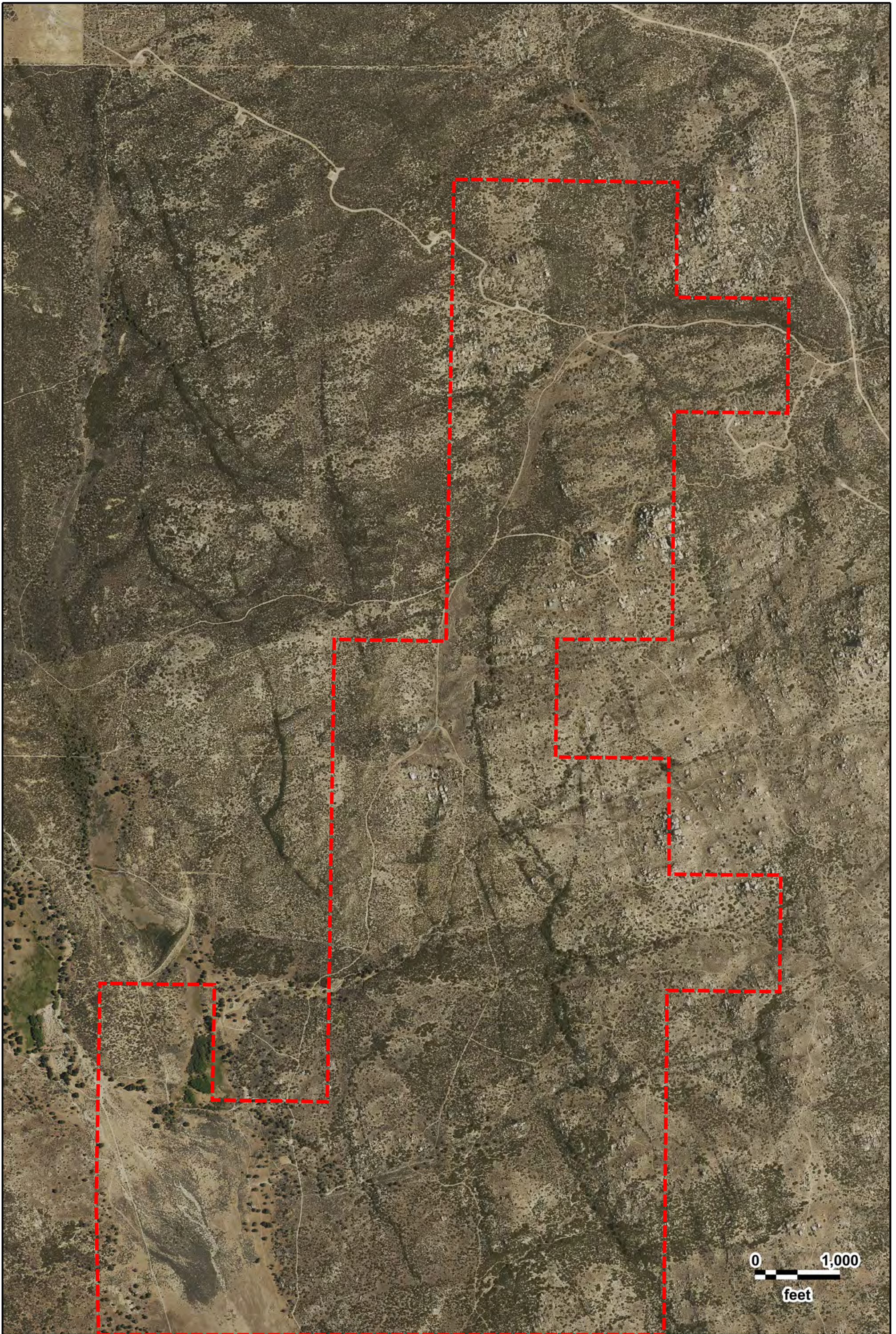
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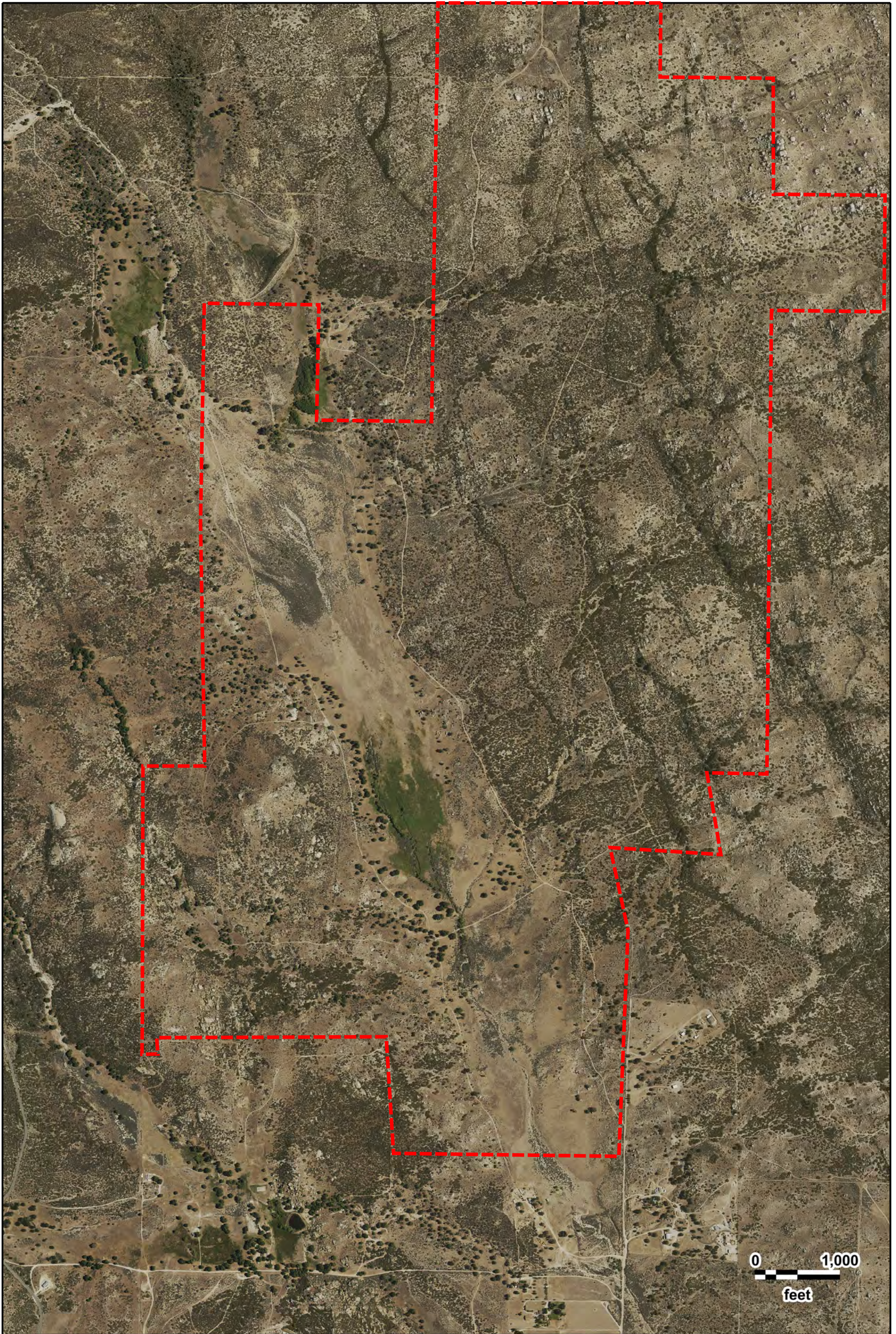
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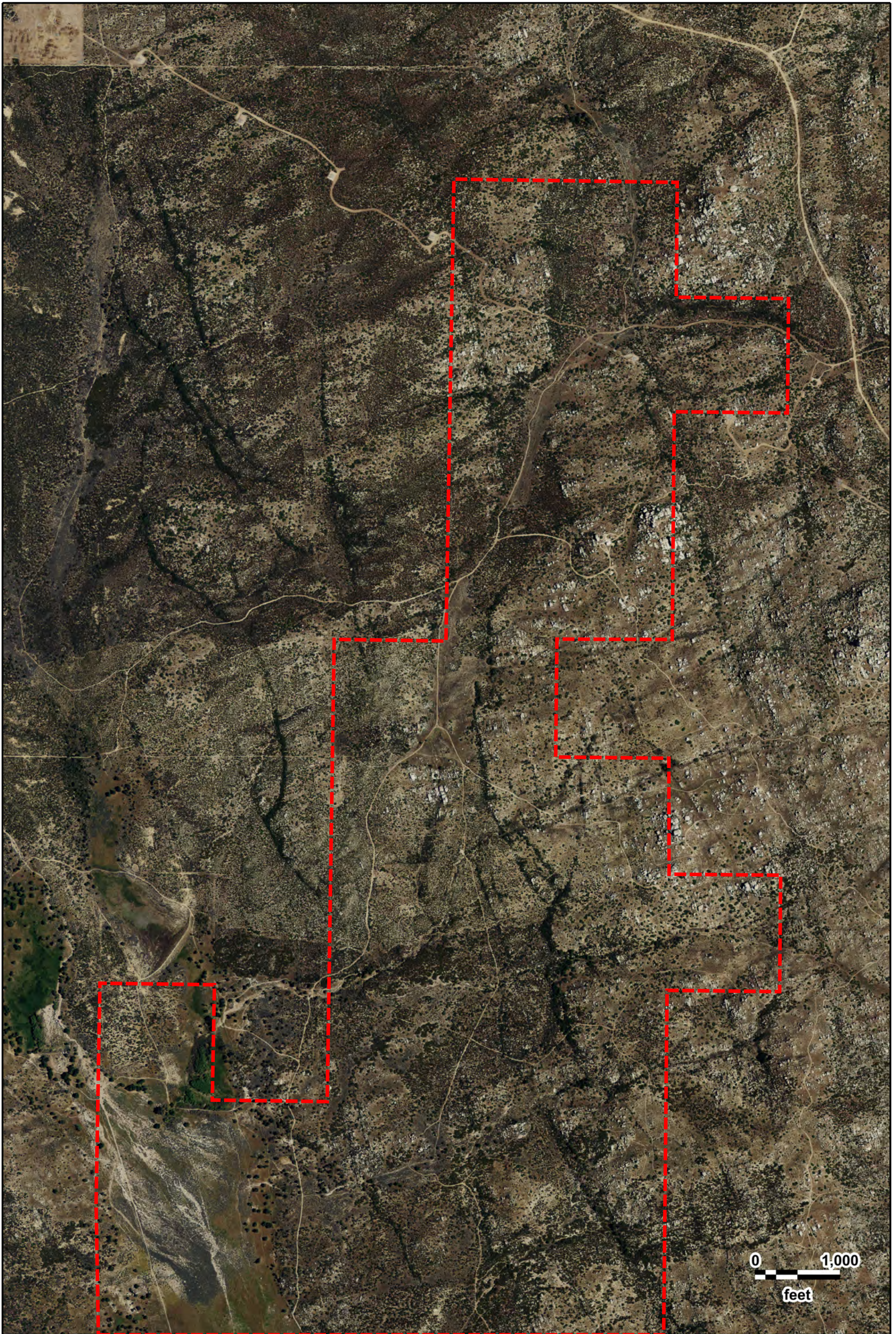
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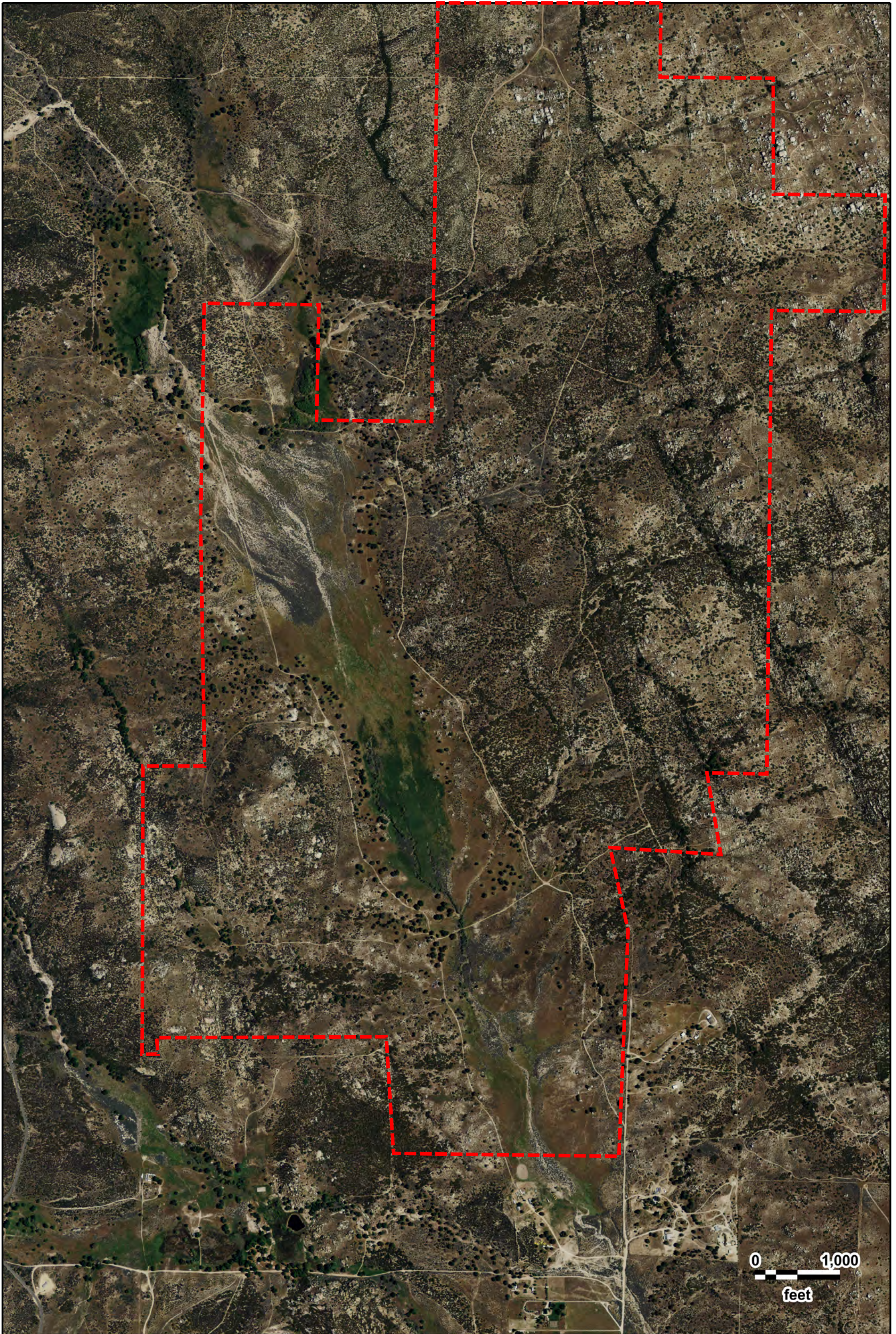


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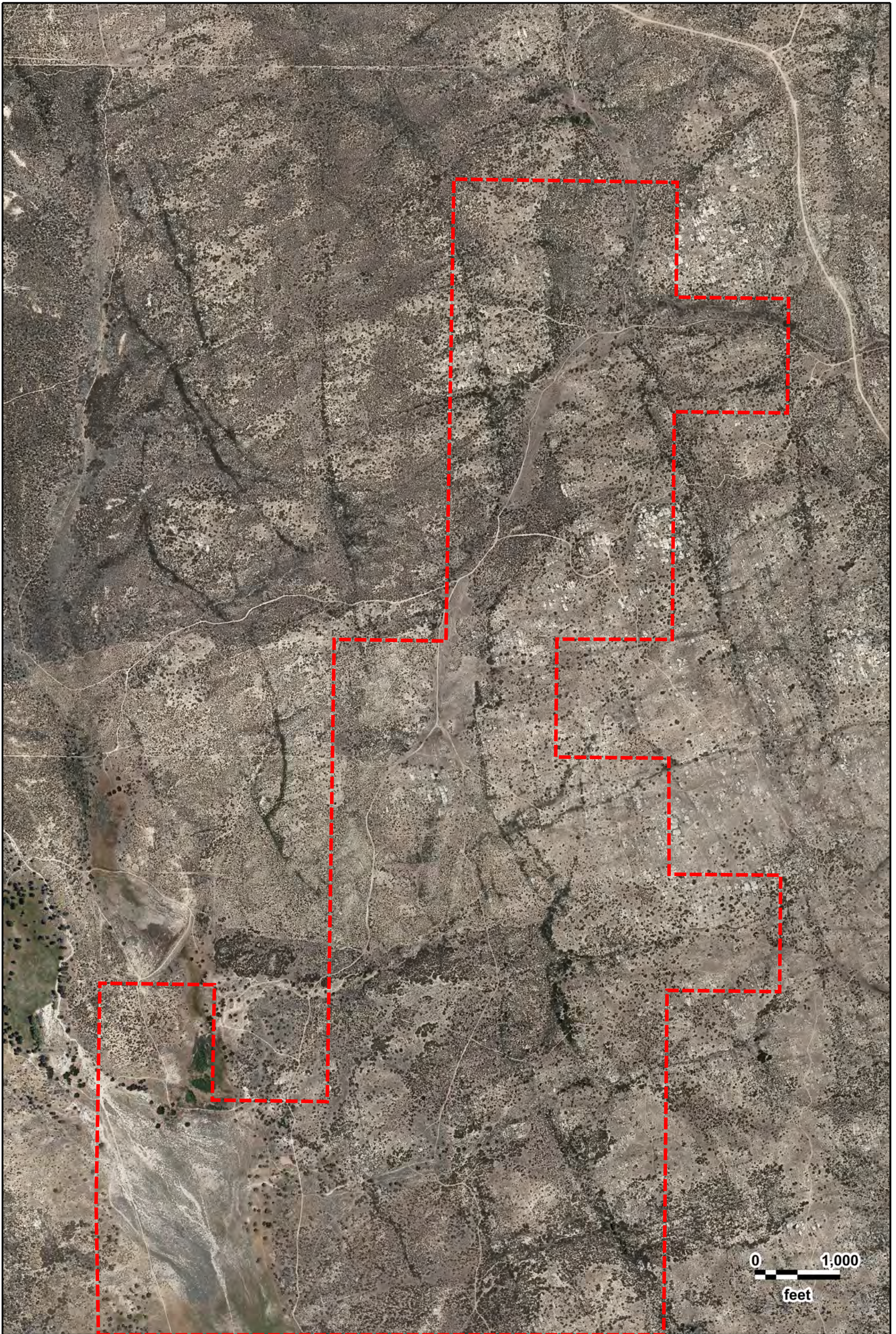
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Torrey Wind Project  
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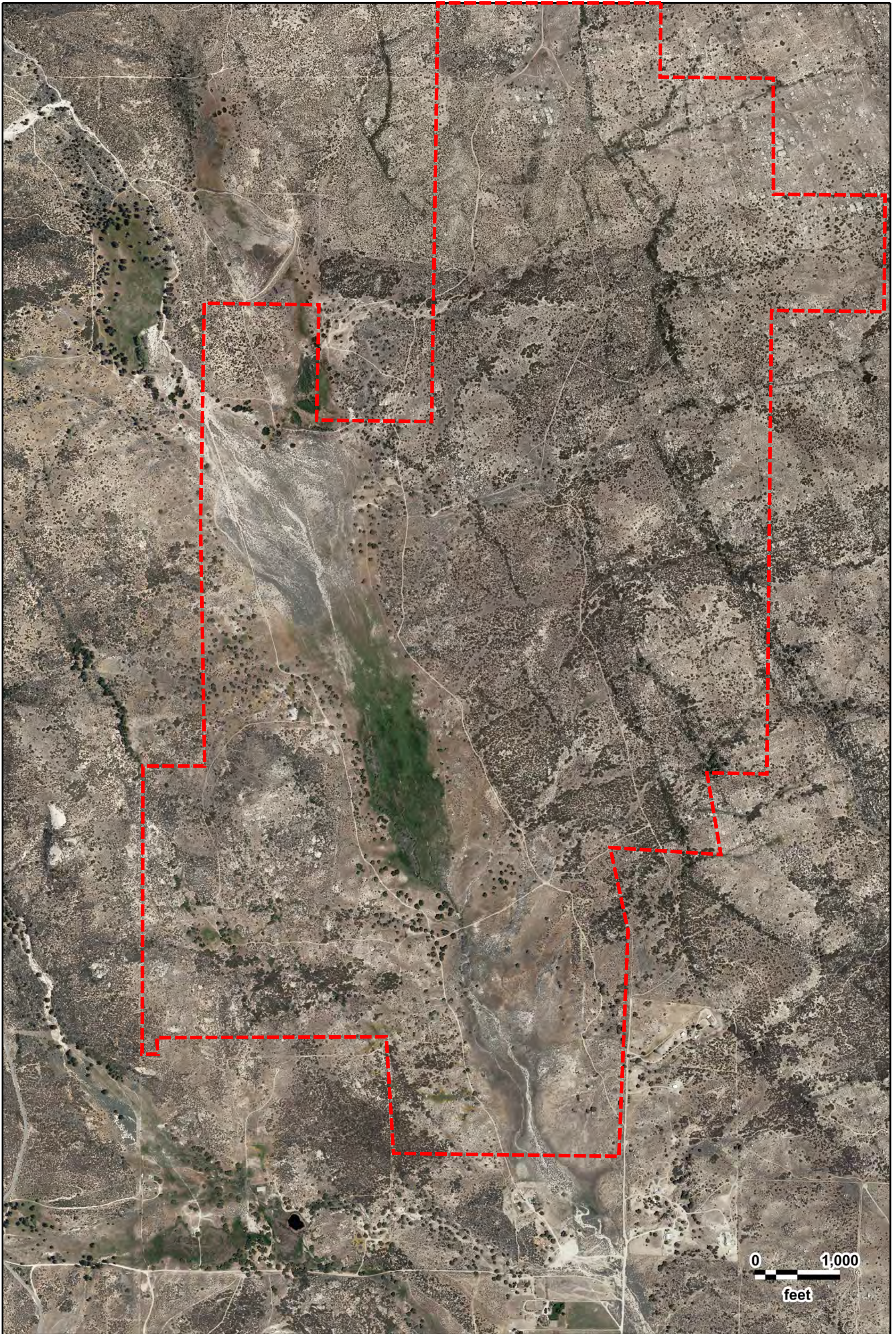


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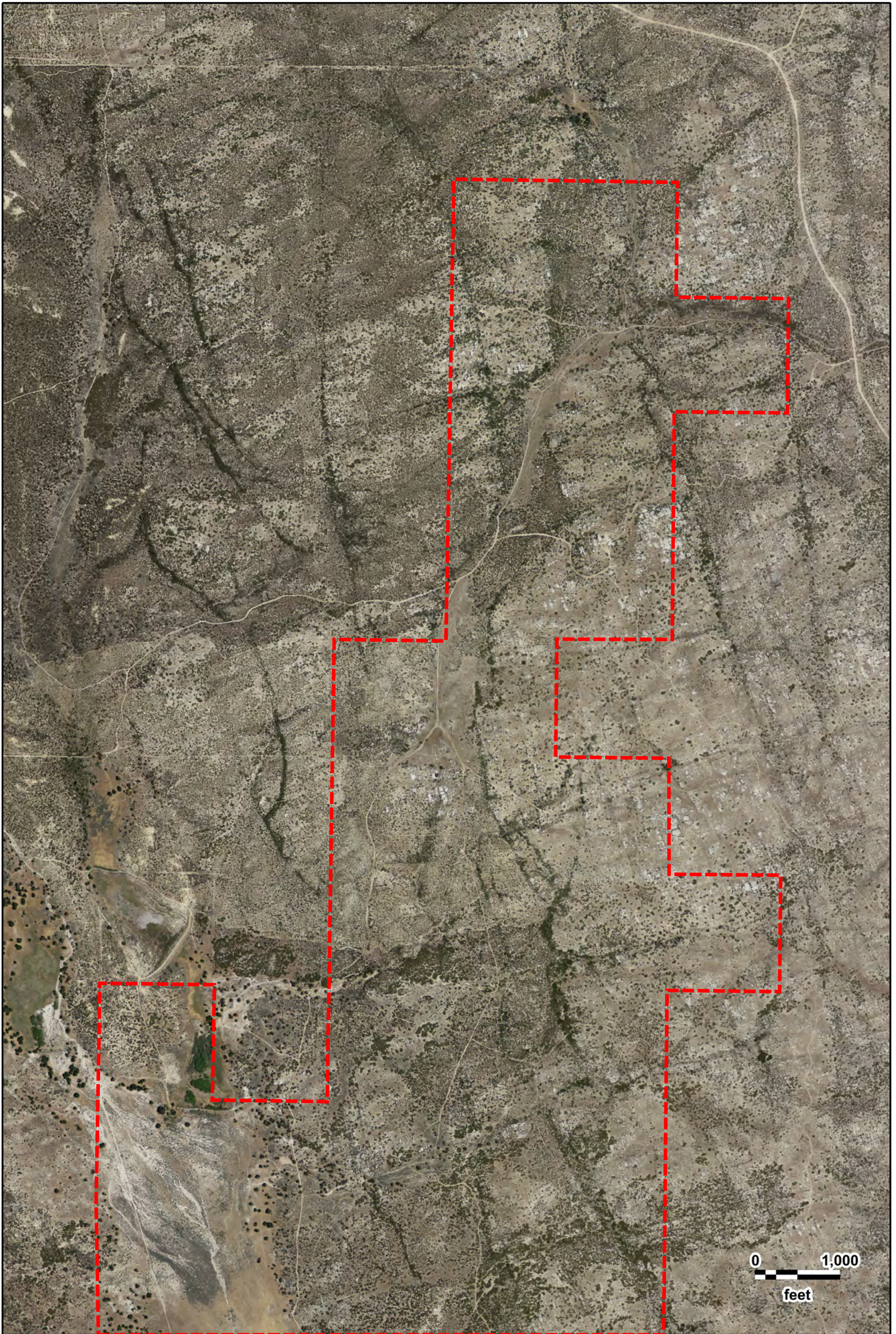
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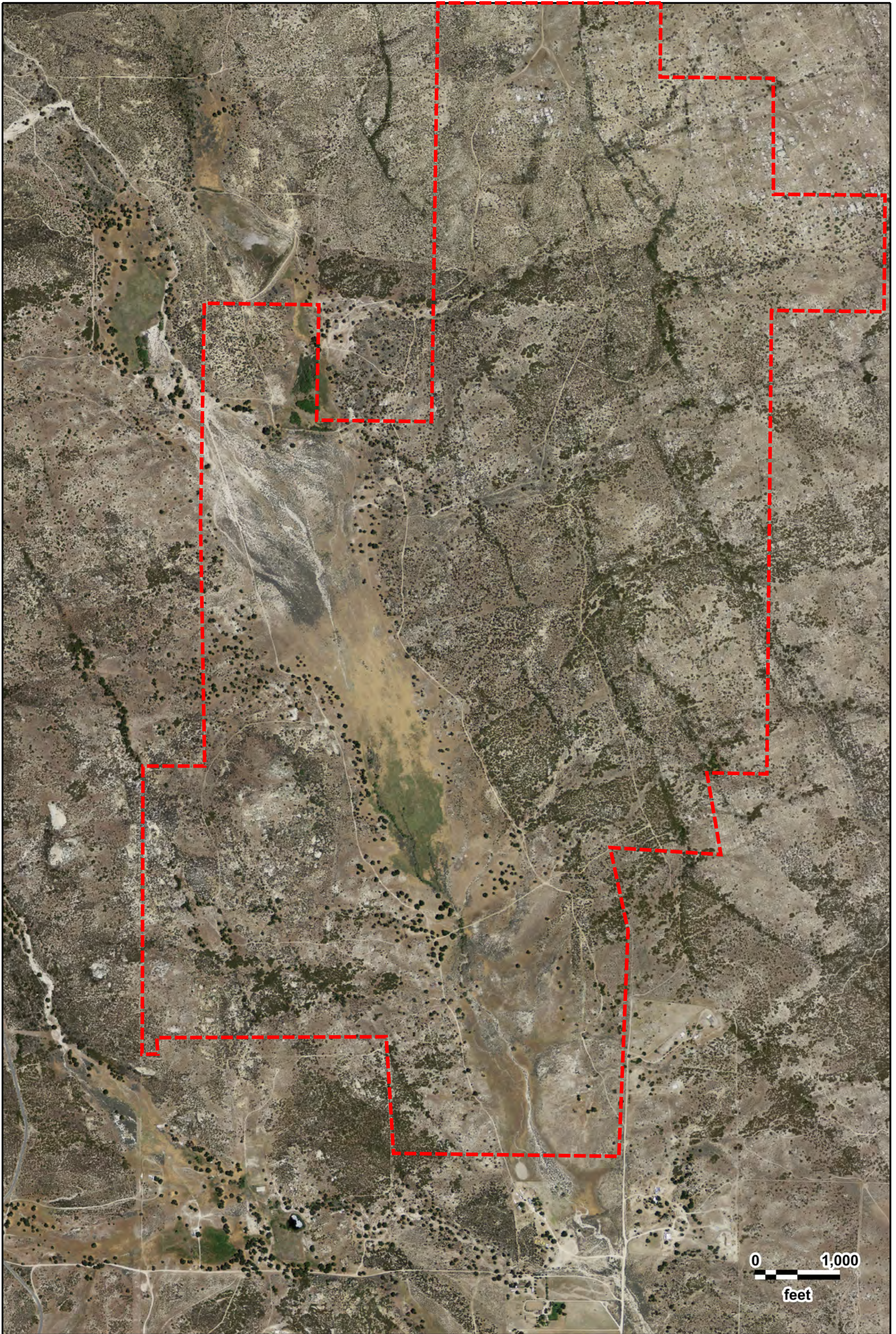


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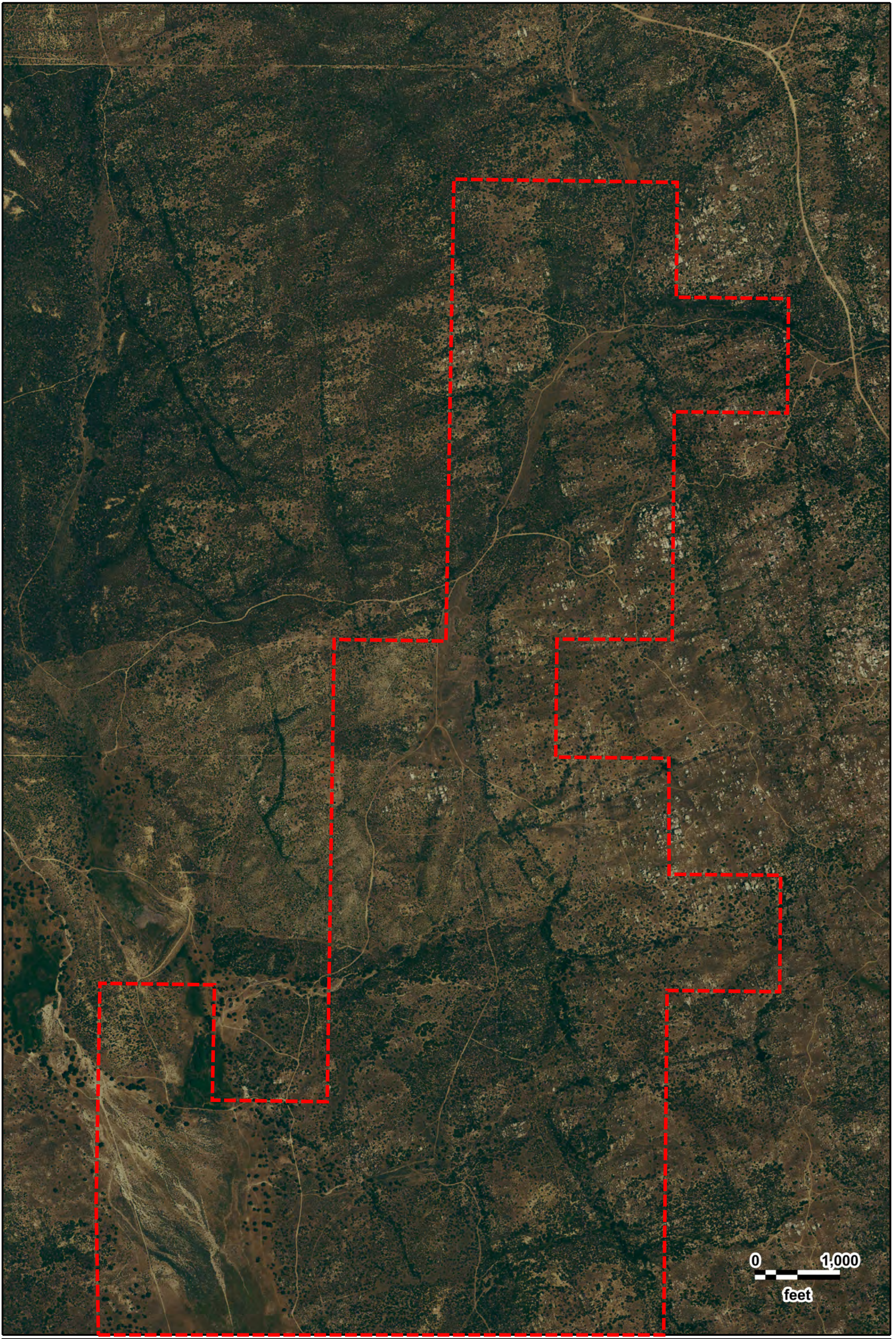
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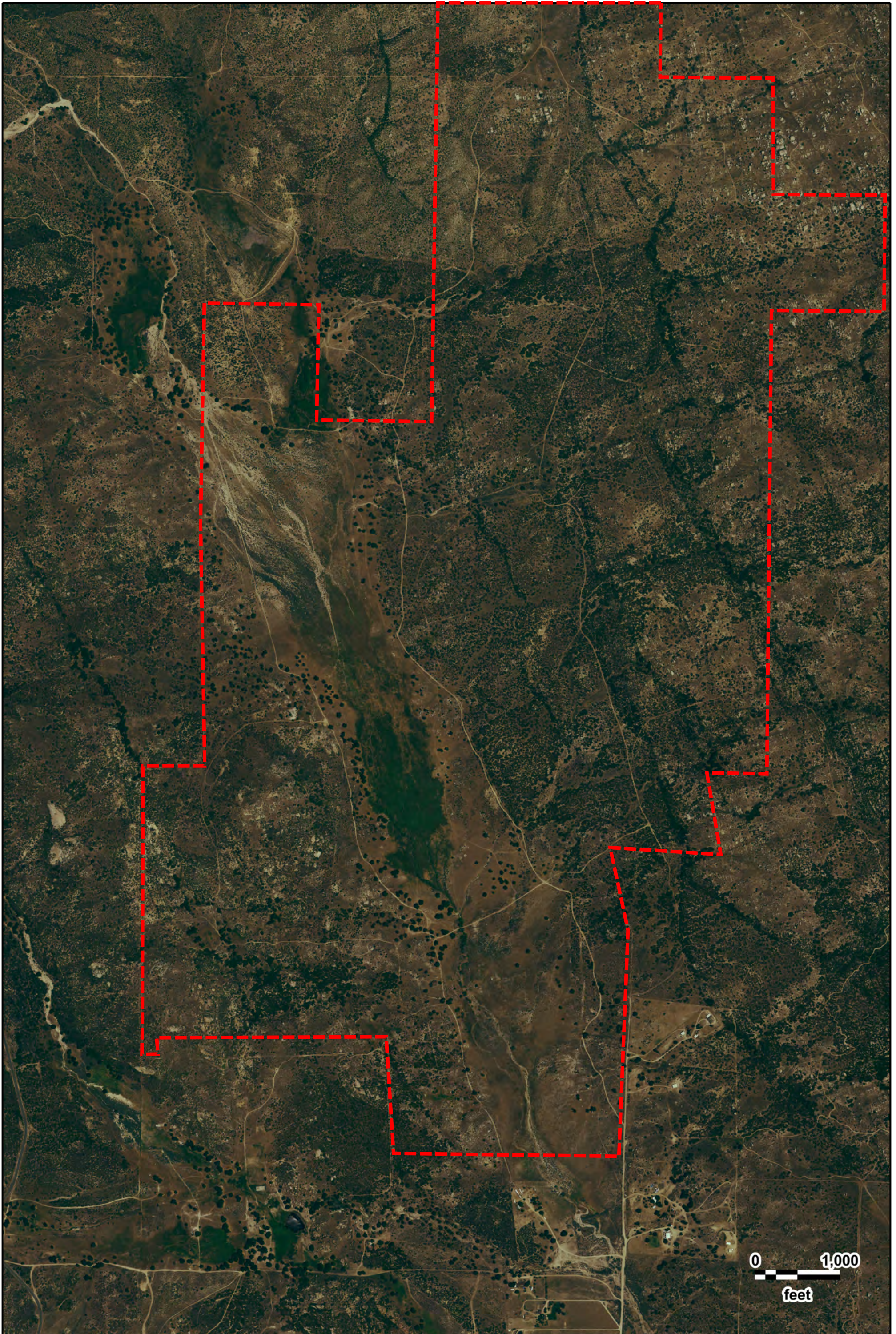


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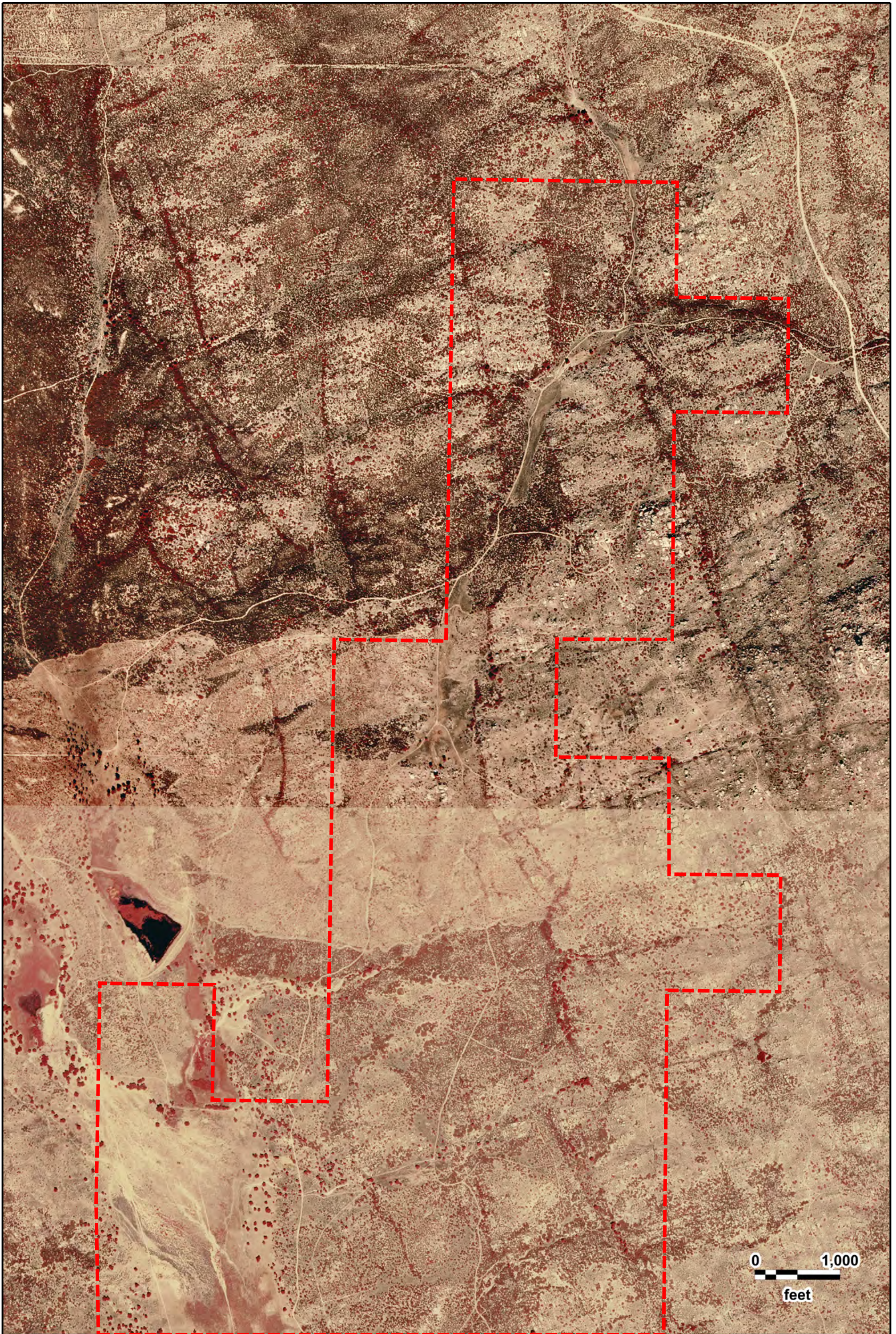
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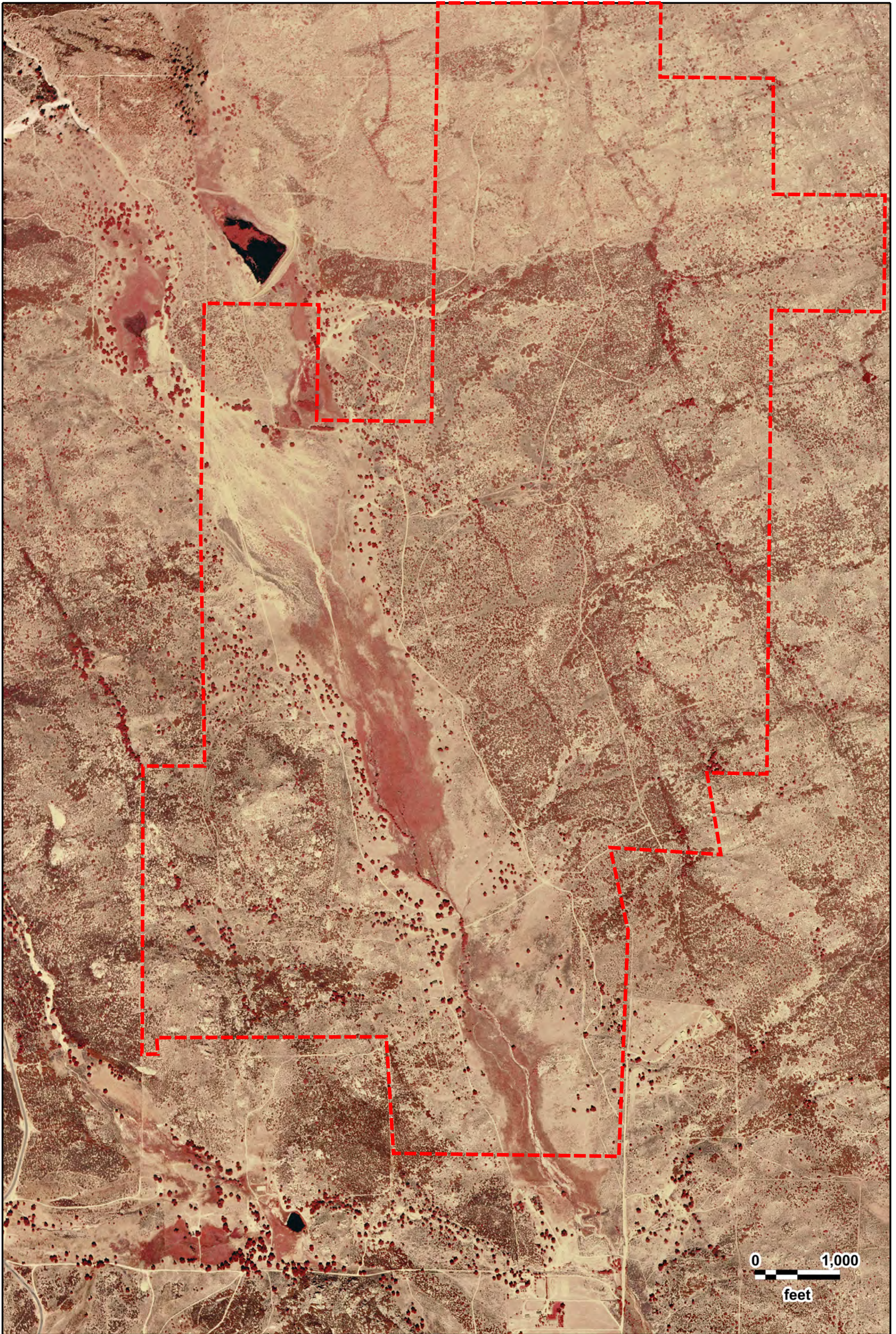
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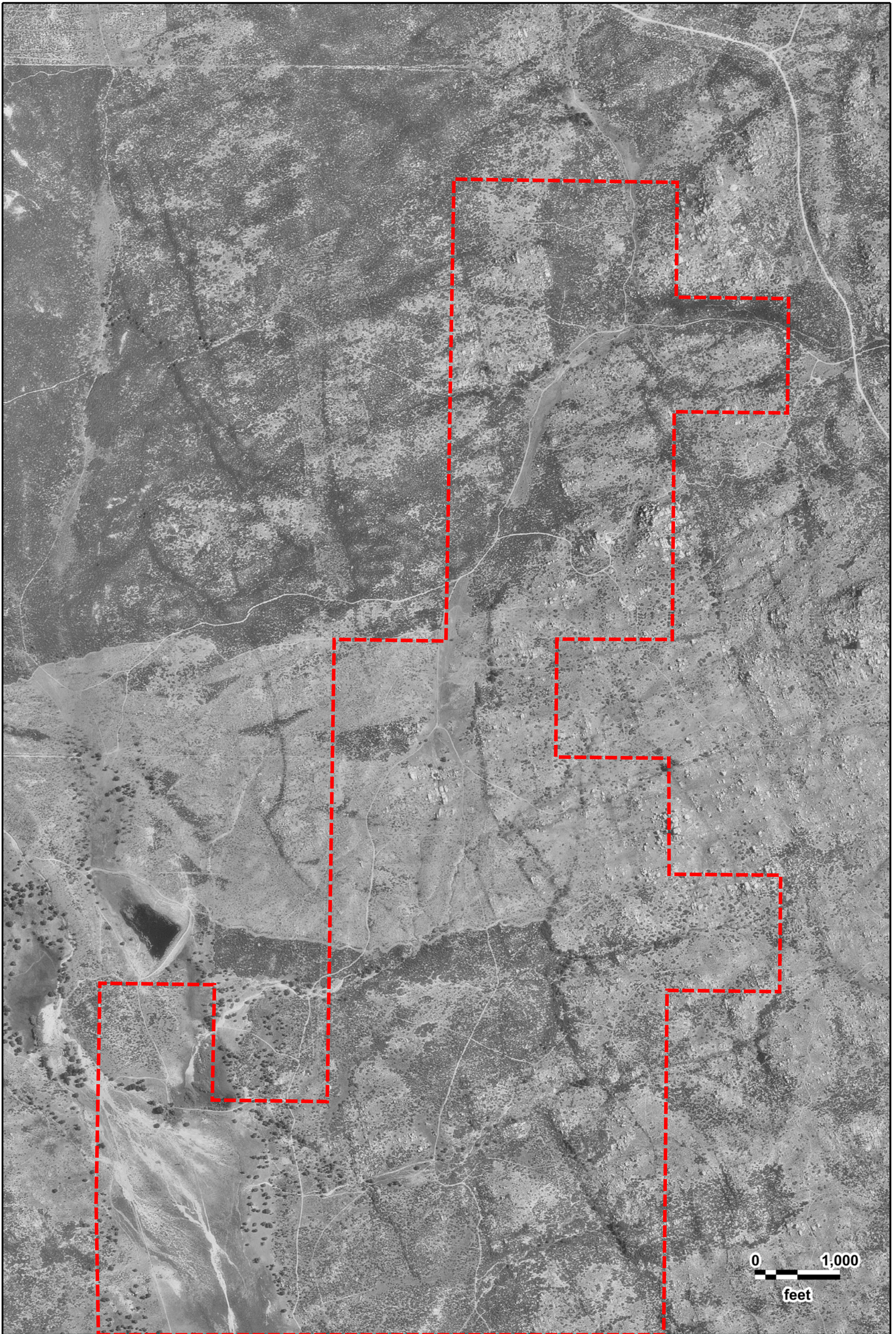
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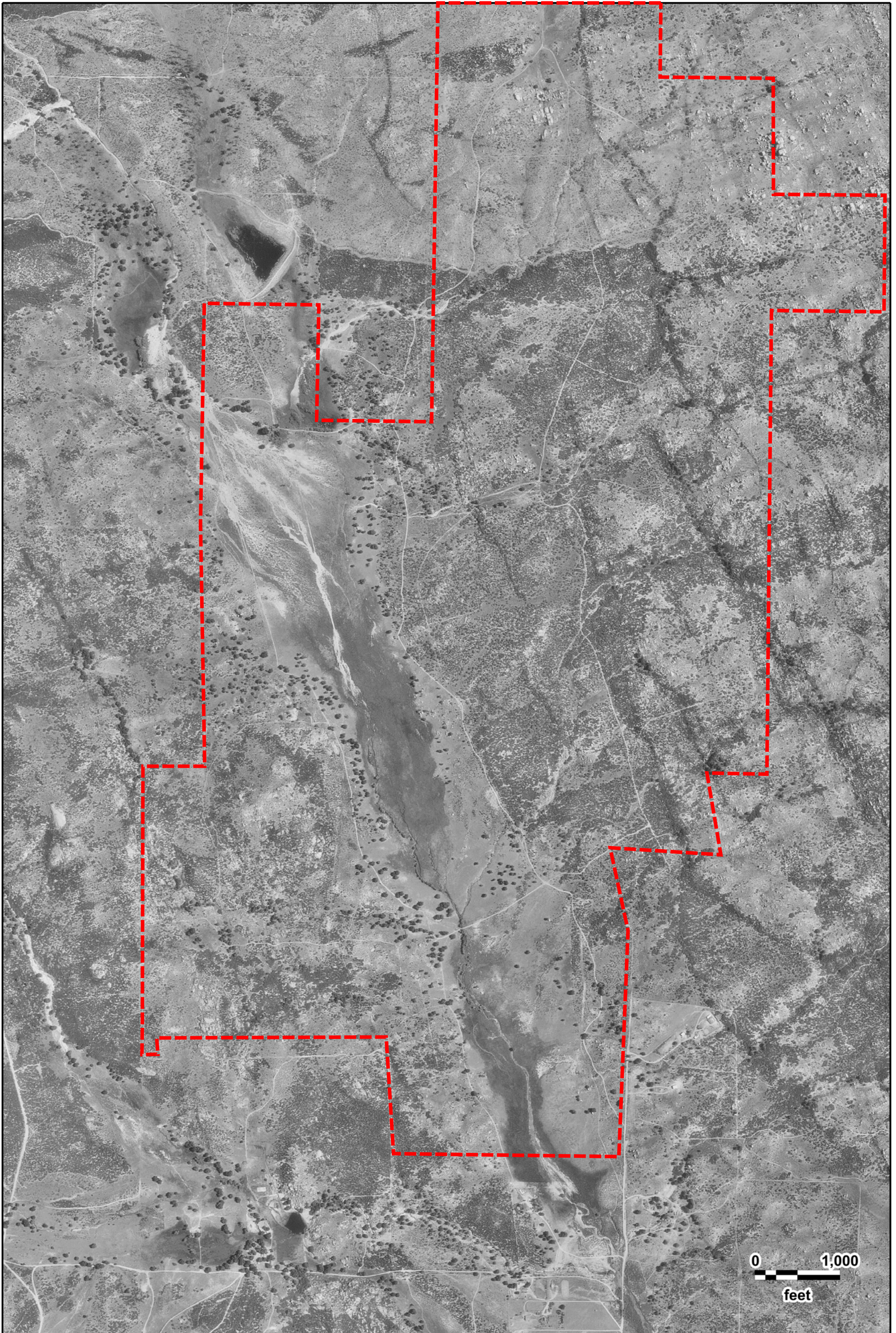


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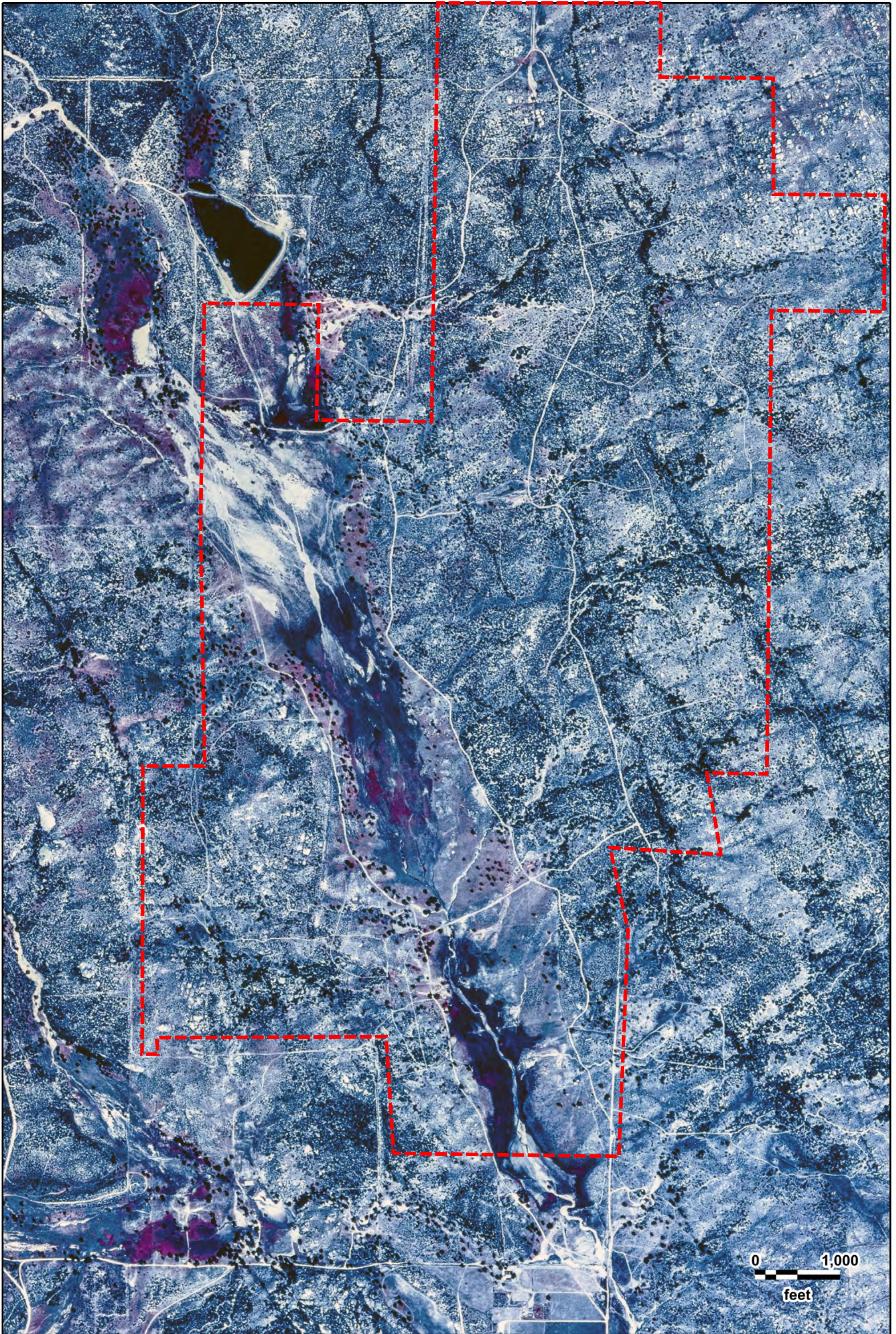


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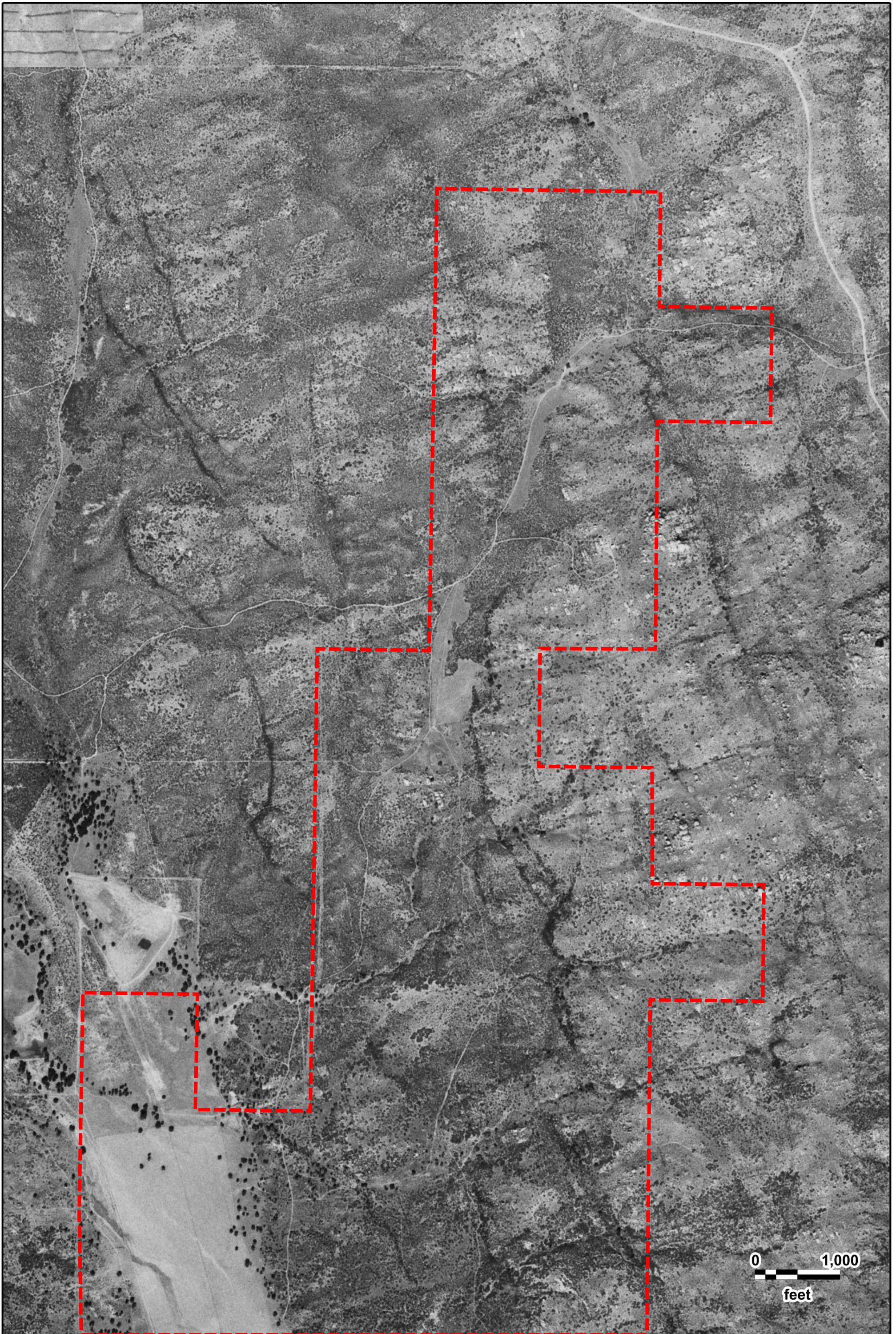
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Torrey Wind Project  
USGS  
1984

GeoSearch

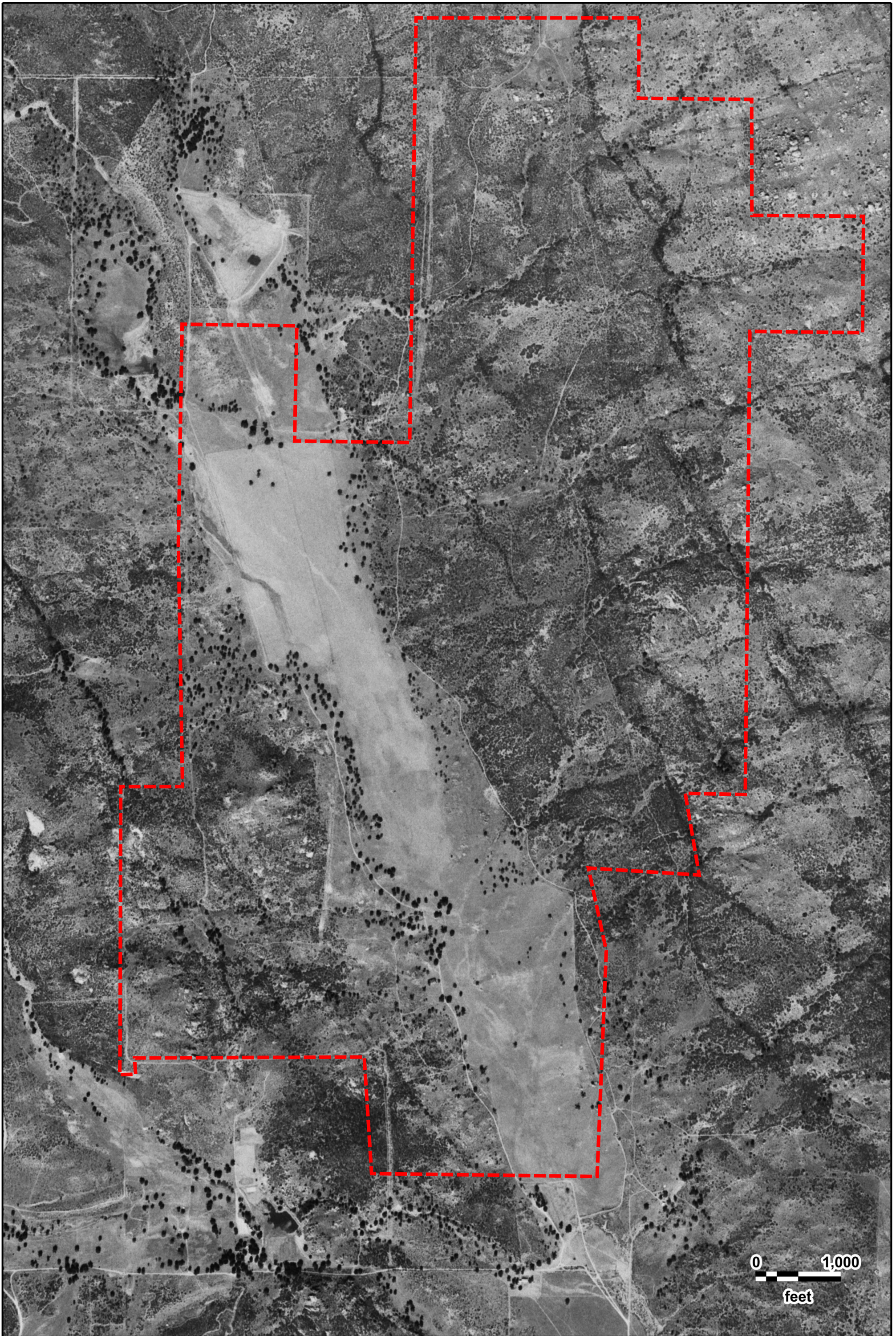


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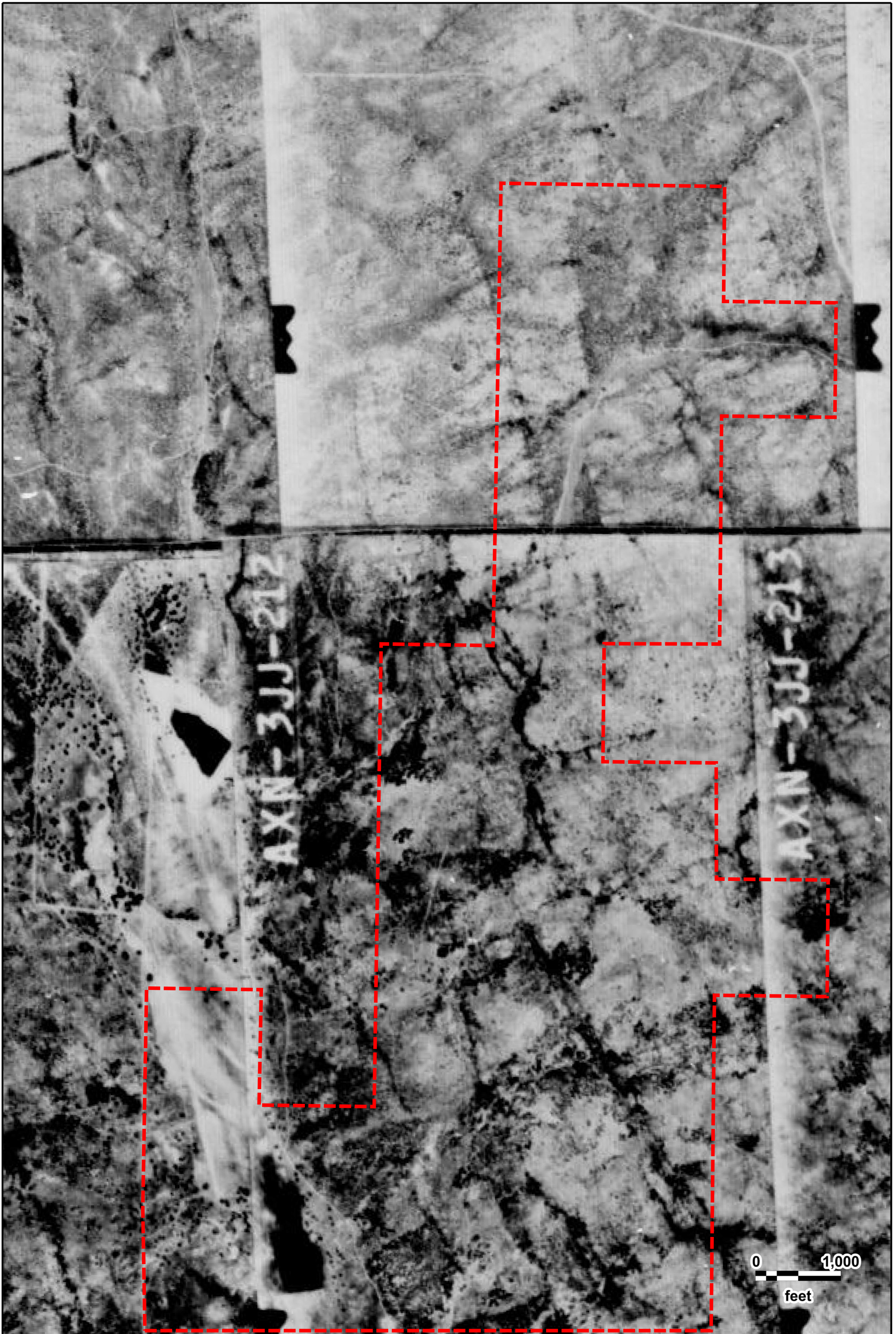
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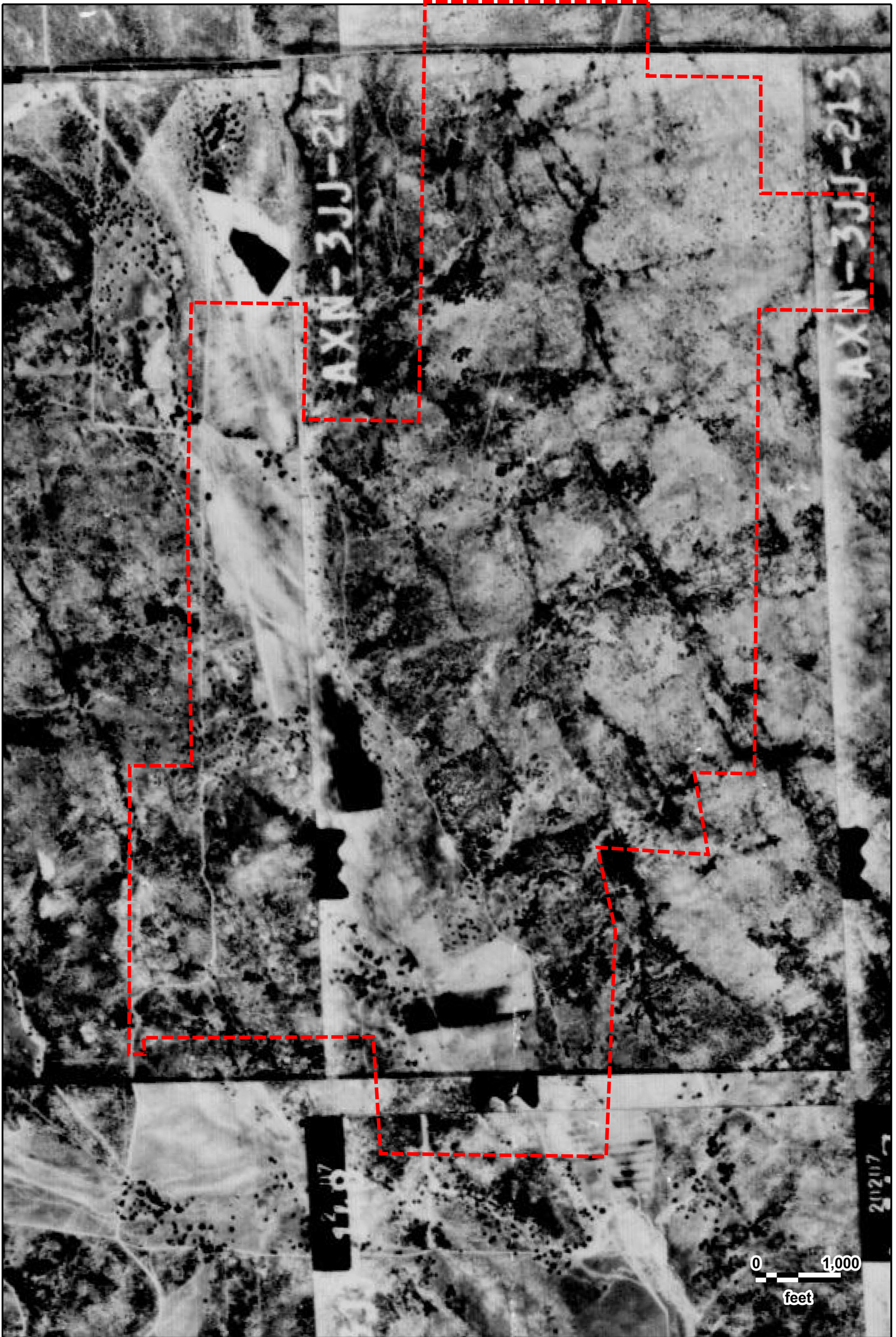


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GeoSearch







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GeoSearch



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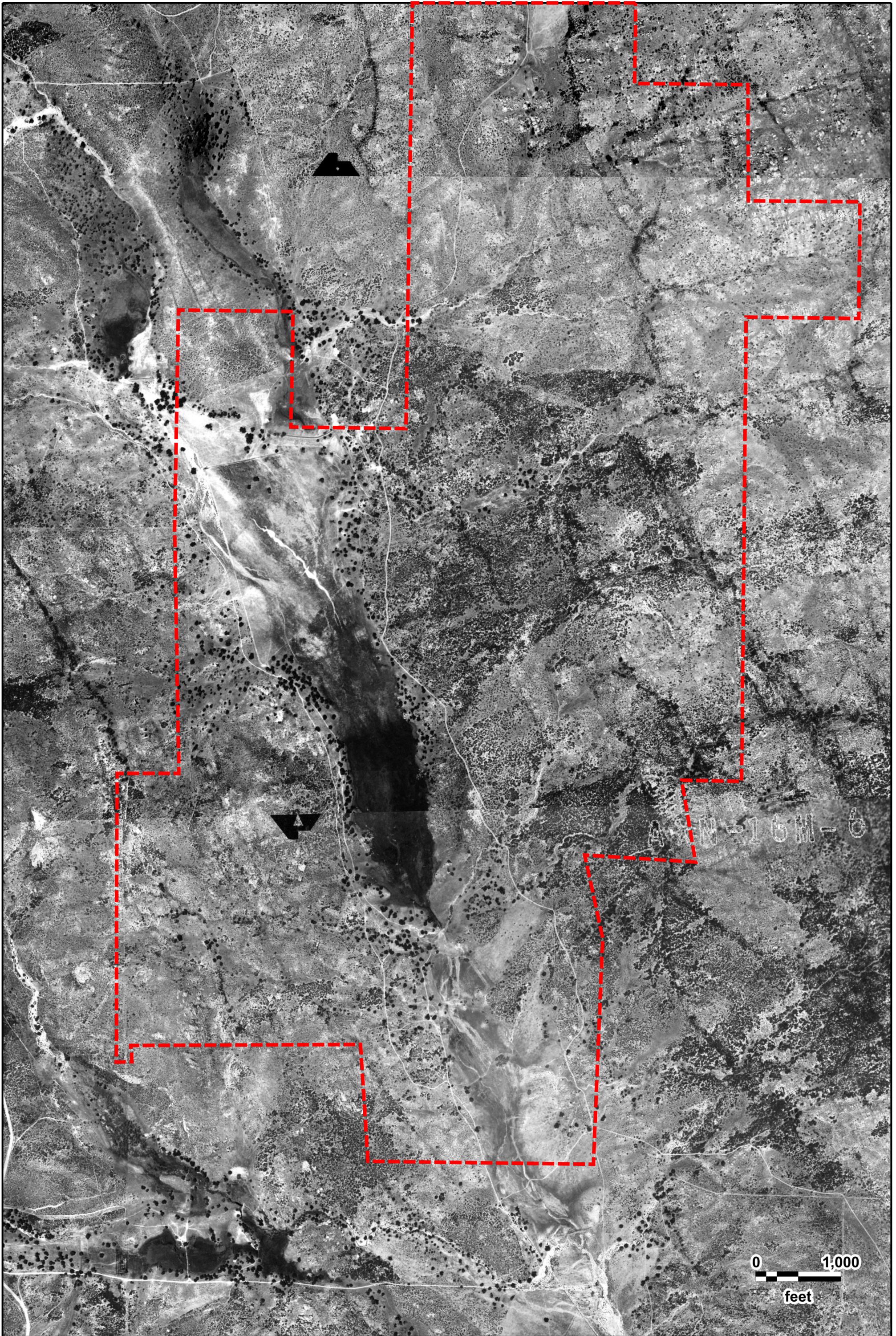


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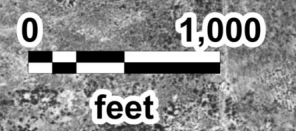
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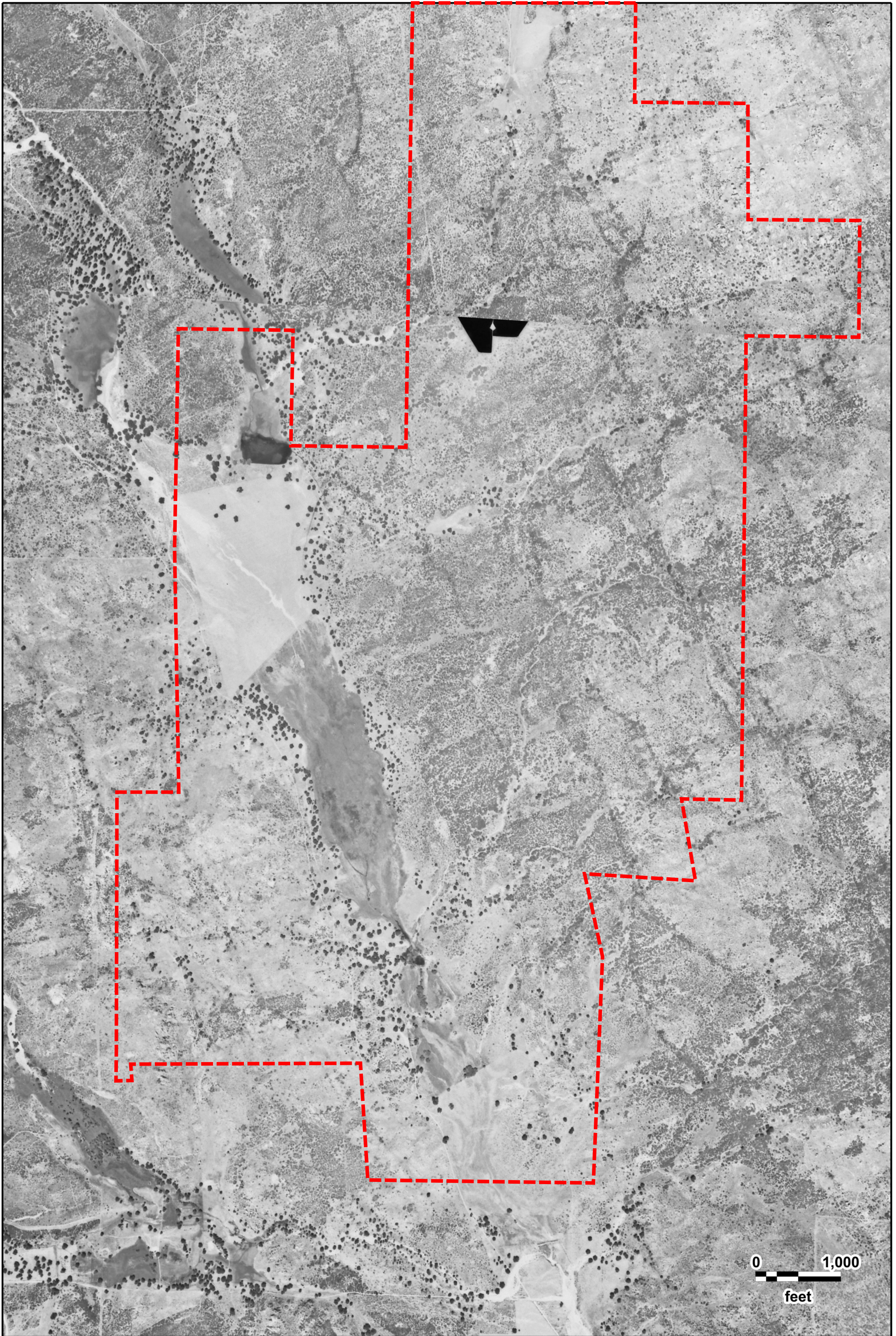


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Torrey Wind Project  
ASCS  
09/03/1943

GeoSearch



0 1,000  
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Torrey Wind Project  
ASCS  
09/03/1943

GeoSearch



**APPENDIX J**  
*Records Search Report*



On time. On target. In touch.™

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## ***E RecSearch Report***

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[Satellite view](#)

*Target Property:*

***Torrey Wind Project***

***McCain Valley Rd***

***Boulevard, San Diego County, California 91905***

*Prepared For:*

***Dudek***

***Order #: 109659***

***Job #: 241538***

***Date: 06/06/2018***

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## Disclaimer

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## Target Property Summary

### **Target Property Information**

Torrey Wind Project  
McCain Valley Rd  
Boulevard, California 91905

#### **Coordinates**

Area centroid (-116.29680, 32.7374232)  
3,814 feet above sea level

#### **USGS Quadrangle**

Sombrero Peak, CA  
Live Oak Springs, CA

### **Geographic Coverage Information**

**County/Parish:** San Diego (CA)

**ZipCode(s):**

Boulevard CA: 91905

## Database Summary

### **FEDERAL LISTING**

#### **Standard Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
EMERGENCY RESPONSE NOTIFICATION SYSTEM	<a href="#">ERNSCA</a>	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	<a href="#">EC</a>	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	<a href="#">LUCIS</a>	0	0	TP/AP
RCRA SITES WITH CONTROLS	<a href="#">RCRASC</a>	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	<a href="#">RCRAGR09</a>	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	<a href="#">RCRANGR09</a>	0	0	0.1250
FEMA OWNED STORAGE TANKS	<a href="#">FEMAUST</a>	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	<a href="#">BF</a>	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	<a href="#">DNPL</a>	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	<a href="#">NLRRCRAT</a>	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	<a href="#">RCRAT</a>	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	<a href="#">SEMS</a>	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	<a href="#">SEMSARCH</a>	0	0	0.5000
NATIONAL PRIORITIES LIST	<a href="#">NPL</a>	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	<a href="#">NLRRCRAC</a>	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	<a href="#">PNPL</a>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	<a href="#">RCRAC</a>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	<a href="#">RCRASUBC</a>	0	0	1.0000
<b>SUB-TOTAL</b>		<b>0</b>	<b>0</b>	

#### **Additional Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	<a href="#">AIRSAFS</a>	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	<a href="#">BRS</a>	0	0	TP/AP
CERCLIS LIENS	<a href="#">SFLIENS</a>	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	<a href="#">CDL</a>	0	0	TP/AP
EPA DOCKET DATA	<a href="#">DOCKETS</a>	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	<a href="#">ECHOR09</a>	0	0	TP/AP

## Database Summary

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
FACILITY REGISTRY SYSTEM	<a href="#">FRSCA</a>	0	0	TP/AP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	<a href="#">HMIRSR09</a>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	<a href="#">ICIS</a>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<a href="#">ICISNPDES</a>	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	<a href="#">MLTS</a>	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<a href="#">NPDESR09</a>	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	<a href="#">PADS</a>	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	<a href="#">PCSR09</a>	0	0	TP/AP
SEMS LIEN ON PROPERTY	<a href="#">SEMCLIENS</a>	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	<a href="#">SSTS</a>	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	<a href="#">TSCA</a>	0	0	TP/AP
TOXICS RELEASE INVENTORY	<a href="#">TRI</a>	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	<a href="#">ALTFUELS</a>	0	0	0.2500
HISTORICAL GAS STATIONS	<a href="#">HISTPST</a>	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	<a href="#">ICISCLEANERS</a>	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	<a href="#">MSHA</a>	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	<a href="#">MRDS</a>	0	0	0.2500
OPEN DUMP INVENTORY	<a href="#">ODI</a>	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	<a href="#">SMCRA</a>	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	<a href="#">USUMTRCA</a>	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	<a href="#">DOD</a>	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	<a href="#">NMS</a>	0	0	1.0000
FORMERLY USED DEFENSE SITES	<a href="#">FUDS</a>	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	<a href="#">FUSRAP</a>	0	0	1.0000
RECORD OF DECISION SYSTEM	<a href="#">RODS</a>	0	0	1.0000
<b>SUB-TOTAL</b>		0	0	

## Database Summary

### STATE (CA) LISTING

#### Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
DTSC DEED RESTRICTIONS	<a href="#">DTSCDR</a>	0	0	TP/AP
ABOVE GROUND STORAGE TANKS	<a href="#">ABST</a>	0	0	0.2500
ABOVEGROUND STORAGE TANKS PRIOR TO JANUARY 2008	<a href="#">AST2007</a>	0	0	0.2500
HISTORICAL UNDERGROUND STORAGE TANKS	<a href="#">HISTUST</a>	0	0	0.2500
STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM	<a href="#">SWEEPS</a>	0	0	0.2500
UNDERGROUND STORAGE TANKS	<a href="#">USTCUPA</a>	0	0	0.2500
BROWNFIELD SITES	<a href="#">BF</a>	0	0	0.5000
CALSITES DATABASE	<a href="#">CALSITES</a>	0	0	0.5000
GEOTRACKER CLEANUP SITES	<a href="#">CLEANUPSITES</a>	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	<a href="#">LUST</a>	0	0	0.5000
SOLID WASTE INFORMATION SYSTEM SITES	<a href="#">SWIS</a>	0	0	0.5000
VOLUNTARY CLEANUP PROGRAM	<a href="#">VCP</a>	0	0	0.5000
ENVIROSTOR CLEANUP SITES	<a href="#">ENVIROSTOR</a>	0	0	1.0000
ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES	<a href="#">ENVIROSTORPCA</a>	0	0	1.0000
<b>SUB-TOTAL</b>		0	0	

#### Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT SYSTEM	<a href="#">CHMIRS</a>	0	0	TP/AP
CLANDESTINE DRUG LABS	<a href="#">CDL</a>	0	0	TP/AP
EMISSIONS INVENTORY DATA	<a href="#">EMI</a>	0	0	TP/AP
HAZARDOUS WASTE TANNER SUMMARY	<a href="#">HWTS</a>	0	0	TP/AP
LAND DISPOSAL SITES	<a href="#">LDS</a>	0	0	TP/AP
MILITARY CLEANUP SITES	<a href="#">MCS</a>	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM FACILITIES	<a href="#">NPDES</a>	0	0	TP/AP
RECORDED ENVIRONMENTAL CLEANUP LIENS	<a href="#">LIENS</a>	0	0	TP/AP
REGISTERED WASTE TIRE HAULERS	<a href="#">WTHAULERS</a>	0	0	TP/AP
CALIFORNIA MEDICAL WASTE MANAGEMENT PROGRAM FACILITY LIST	<a href="#">MWMP</a>	0	0	0.2500
DTSC REGISTERED HAZARDOUS WASTE TRANSPORTERS	<a href="#">DTSCHWT</a>	0	0	0.2500
DRY CLEANER FACILITIES	<a href="#">CLEANER</a>	0	0	0.2500



## Database Summary

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
MINES LISTING	<a href="#">MINES</a>	0	0	0.2500
SPILLS, LEAKS, INVESTIGATION & CLEANUP RECOVERY LISTING	<a href="#">SLIC</a>	0	0	0.2500
CORTESE LIST	<a href="#">CORTESE</a>	0	0	0.5000
EXPEDITED REMOVAL ACTION PROGRAM SITES	<a href="#">ERAP</a>	0	0	0.5000
HISTORICAL CORTESE LIST	<a href="#">HISTCORTESE</a>	0	0	0.5000
LISTING OF CERTIFIED DROPOFF, COLLECTION, AND COMMUNITY SERVICE PROGRAMS	<a href="#">DROP</a>	0	0	0.5000
LISTING OF CERTIFIED PROCESSORS	<a href="#">PROC</a>	0	0	0.5000
NO FURTHER ACTION DETERMINATION	<a href="#">NFA</a>	0	0	0.5000
RECYCLING CENTERS	<a href="#">SWRCY</a>	0	0	0.5000
REFERRED TO ANOTHER LOCAL OR STATE AGENCY	<a href="#">REF</a>	0	0	0.5000
SITES NEEDING FURTHER EVALUATION	<a href="#">NFE</a>	0	0	0.5000
WASTE MANAGEMENT UNIT DATABASE	<a href="#">WMUDS</a>	0	0	0.5000
TOXIC PITS CLEANUP ACT SITES	<a href="#">TOXPITS</a>	0	0	1.0000
<b>SUB-TOTAL</b>		0	0	

## Database Summary

### LOCAL LISTING

#### Additional Environmental Records

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
SAN DIEGO COUNTY ENVIRONMENTAL ASSESSMENT CASE LISTING	<a href="#">SDEACL</a>	0	0	TP/AP
SAN DIEGO COUNTY HAZARDOUS MATERIALS MANAGEMENT DIVISION DATABASE	<a href="#">HMMDD</a>	0	0	TP/AP
SAN DIEGO COUNTY SOLID WASTE FACILITIES	<a href="#">SDSWF</a>	0	0	0.5000
<b>SUB-TOTAL</b>		0	0	

## Database Summary

### **TRIBAL LISTING**

#### **Standard Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<a href="#">LUSTR09</a>	0	0	0.2500
ILLEGAL DUMP SITES ON THE TORRES MARTINEZ RESERVATION	<a href="#">TORRESDUMPSITES</a>	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<a href="#">LUSTR09</a>	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	<a href="#">ODINDIAN</a>	0	0	0.5000

SUB-TOTAL		0	0	
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#### **Additional Environmental Records**

<b>Database</b>	<b>Acronym</b>	<b>Locatable</b>	<b>Unlocatable</b>	<b>Search Radius (miles)</b>
INDIAN RESERVATIONS	<a href="#">INDIANRES</a>	2	0	1.0000

SUB-TOTAL		2	0	
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TOTAL		2	0	
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## Database Radius Summary

### **FEDERAL LISTING**

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
<b>EC</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ECHOR09	0.0200	0	NS	NS	NS	NS	NS	0
<b>ERNSCA</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
FRSCA	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR09	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
<b>LUCIS</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES09	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR09	0.0200	0	NS	NS	NS	NS	NS	0
<b>RCRASC</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
<b>RCRAGR09</b>	<b>0.1250</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>RCRANGR09</b>	<b>0.1250</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
<b>FEMAUST</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
<b>BF</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>DNPL</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>NLRRCRAT</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ODI	0.5000	0	0	0	0	NS	NS	0
<b>RCRAT</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>

## Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<b>SEMS</b>	0.5000	0	0	0	0	NS	NS	0
<b>SEMSARCH</b>	0.5000	0	0	0	0	NS	NS	0
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
<b>NLRRCRAC</b>	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
<b>NPL</b>	1.0000	0	0	0	0	0	NS	0
<b>PNPL</b>	1.0000	0	0	0	0	0	NS	0
<b>RCRAC</b>	1.0000	0	0	0	0	0	NS	0
<b>RCRASUBC</b>	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
<b>SUB-TOTAL</b>		0	0	0	0	0	0	0

## Database Radius Summary

### STATE (CA) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
CDL	0.0200	0	NS	NS	NS	NS	NS	0
CHMIRS	0.0200	0	NS	NS	NS	NS	NS	0
<b>DTSCDR</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
EMI	0.0200	0	NS	NS	NS	NS	NS	0
HWTS	0.0200	0	NS	NS	NS	NS	NS	0
LDS	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
MCS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES	0.0200	0	NS	NS	NS	NS	NS	0
WTHAULERS	0.0200	0	NS	NS	NS	NS	NS	0
<b>ABST</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>AST2007</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
CLEANER	0.2500	0	0	0	NS	NS	NS	0
DTSCHWT	0.2500	0	0	0	NS	NS	NS	0
<b>HISTUST</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
MINES	0.2500	0	0	0	NS	NS	NS	0
MWMP	0.2500	0	0	0	NS	NS	NS	0
SLIC	0.2500	0	0	0	NS	NS	NS	0
<b>SWEEPS</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>USTCUPA</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>BF</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>CALSITES</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>CLEANUPSITES</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
CORTESE	0.5000	0	0	0	0	NS	NS	0
DROP	0.5000	0	0	0	0	NS	NS	0
ERAP	0.5000	0	0	0	0	NS	NS	0
HISTCORTESE	0.5000	0	0	0	0	NS	NS	0
<b>LUST</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
NFA	0.5000	0	0	0	0	NS	NS	0
NFE	0.5000	0	0	0	0	NS	NS	0
PROC	0.5000	0	0	0	0	NS	NS	0
REF	0.5000	0	0	0	0	NS	NS	0
<b>SWIS</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
SWRCY	0.5000	0	0	0	0	NS	NS	0
<b>VCP</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>

## Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
WMUDS	0.5000	0	0	0	0	NS	NS	0
ENVIROSTOR	1.0000	0	0	0	0	0	NS	0
ENVIROSTORPCA	1.0000	0	0	0	0	0	NS	0
TOXPITS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

## Database Radius Summary

### **LOCAL LISTING**

Standard environmental records are displayed in **bold**.

<b>Acronym</b>	<b>Search Radius (miles)</b>	<b>TP/AP (0 - 0.02)</b>	<b>1/8 Mile (&gt; TP/AP)</b>	<b>1/4 Mile (&gt; 1/8)</b>	<b>1/2 Mile (&gt; 1/4)</b>	<b>1 Mile (&gt; 1/2)</b>	<b>&gt; 1 Mile</b>	<b>Total</b>
HMMDD	0.0200	0	NS	NS	NS	NS	NS	0
SDEACL	0.0200	0	NS	NS	NS	NS	NS	0
SDSWF	0.5000	0	0	0	0	NS	NS	0
<b>SUB-TOTAL</b>		0	0	0	0	0	0	0



## Database Radius Summary

### **TRIBAL LISTING**

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<b>USTR09</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>LUSTR09</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>ODINDIAN</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>TORRESDUMPSITES</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>INDIANRES</b>	<b>1.0000</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>NS</b>	<b>2</b>

<b>SUB-TOTAL</b>		<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>
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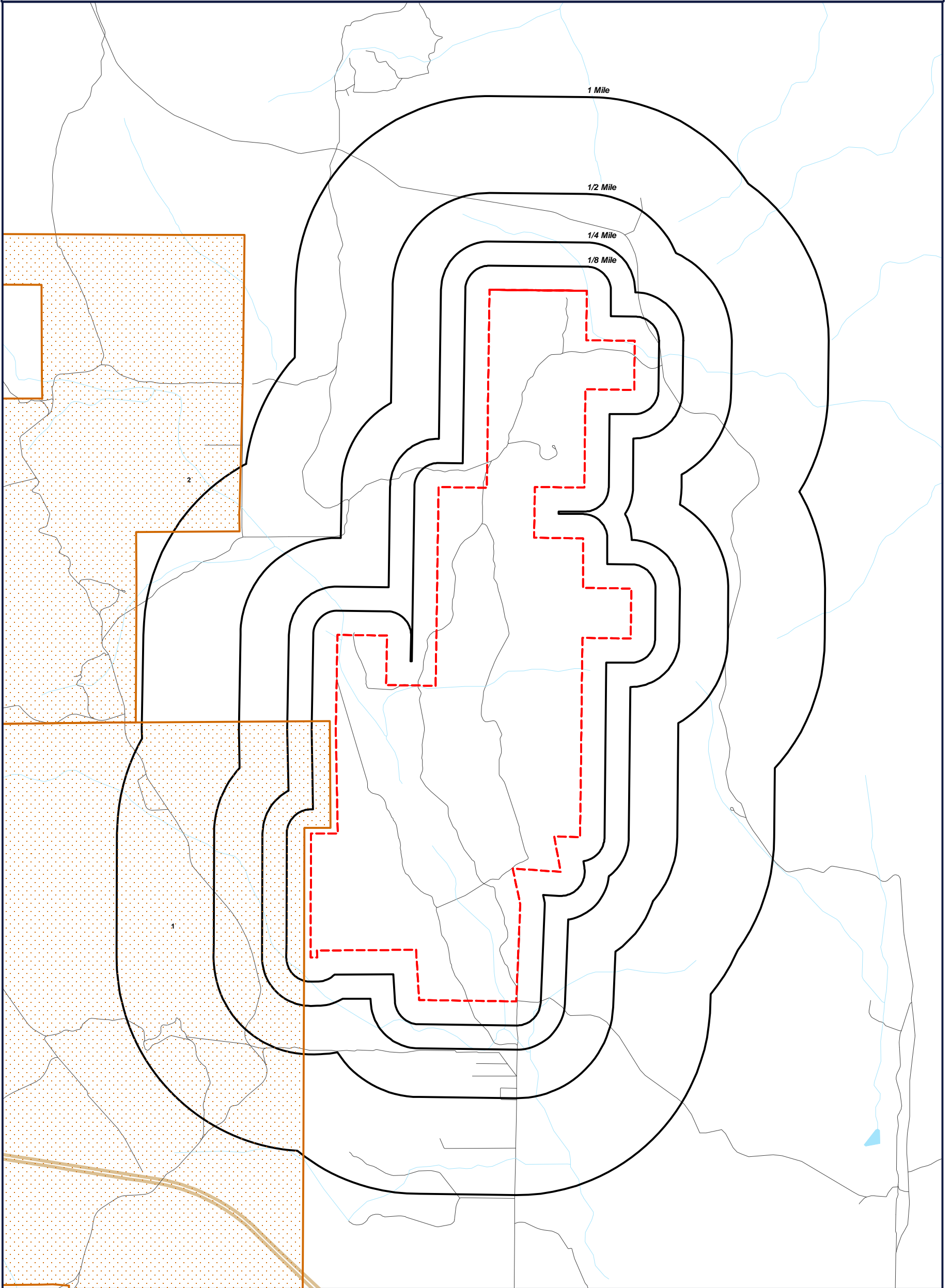
<b>TOTAL</b>		<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>
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**NOTES:**

**NS = NOT SEARCHED**

**TP/AP = TARGET PROPERTY/ADJACENT PROPERTY**

**RADIUS MAP**



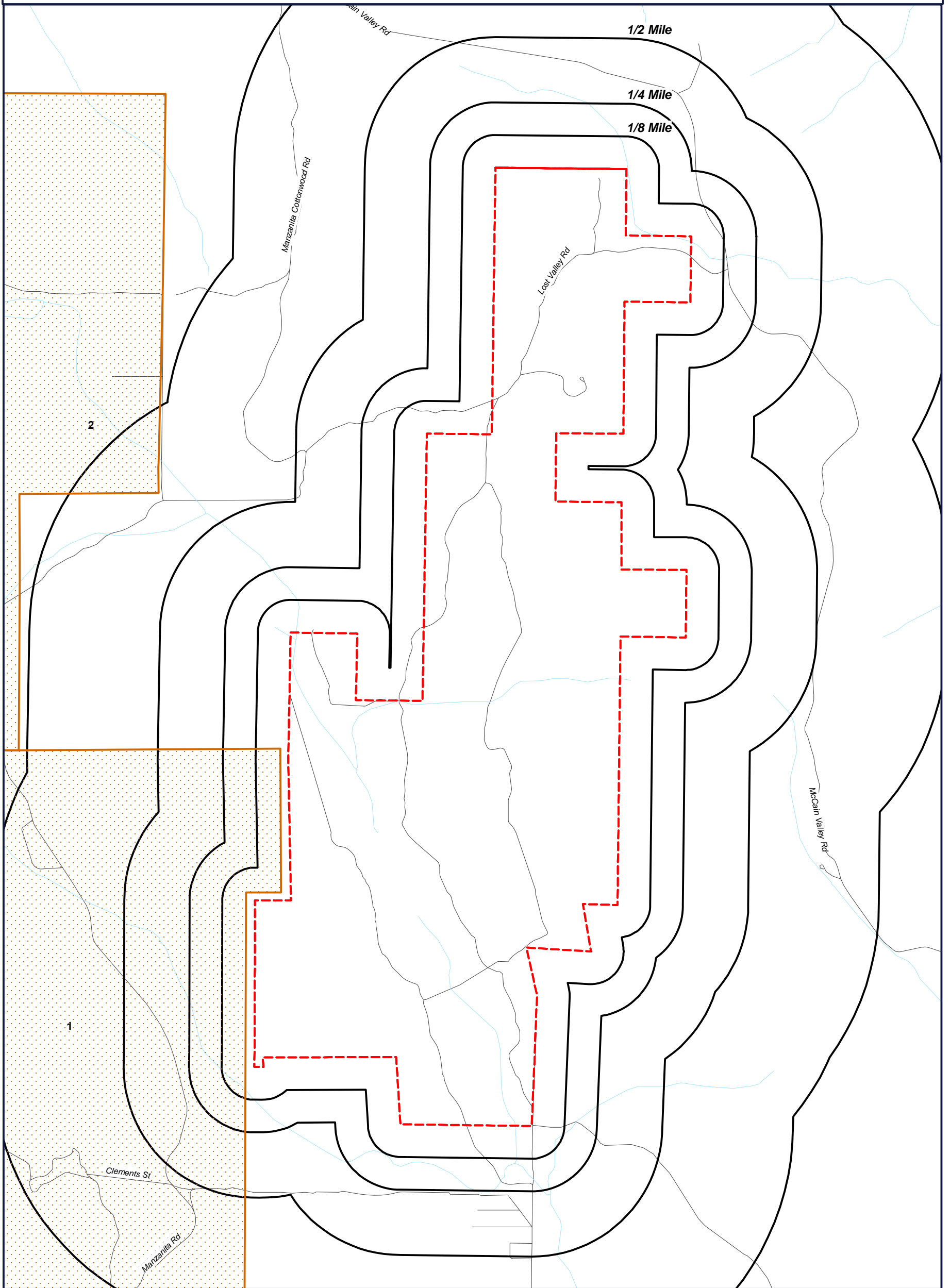
 Target Property (TP)  
 INDIANRES



**Torrey Wind Project  
McCain Valley Rd  
Boulevard, California  
91905**



0' 1350' 2700' 4050'  
SCALE: 1" = 2700'

**RADIUS MAP**



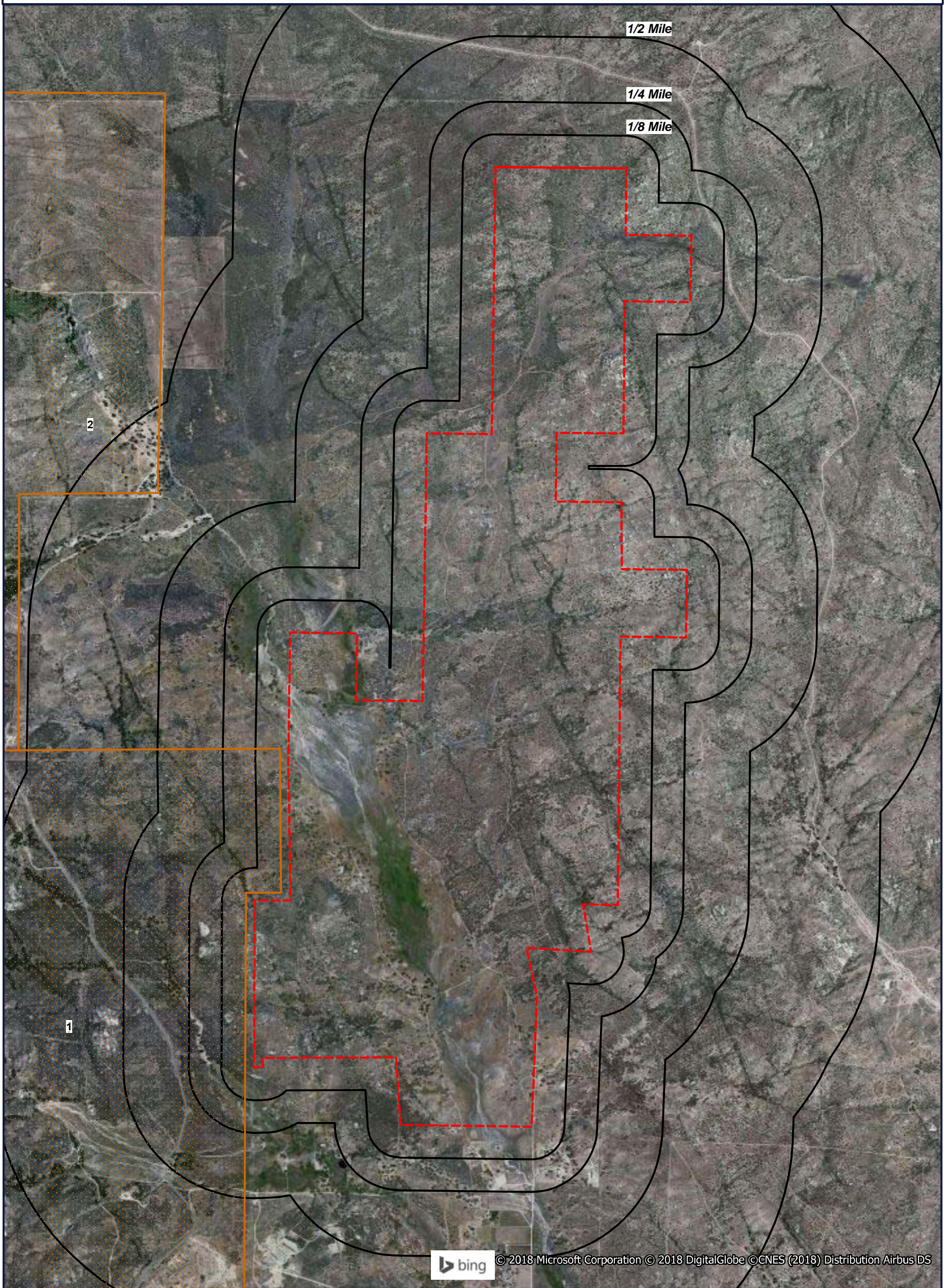
 Target Property (TP)  
 INDIANRES



**Torrey Wind Project**  
**McCain Valley Rd**  
**Boulevard, California**  
**91905**



0' 1000' 2000' 3000'  
SCALE: 1" = 2000'

ORTHOPHOTO MAP



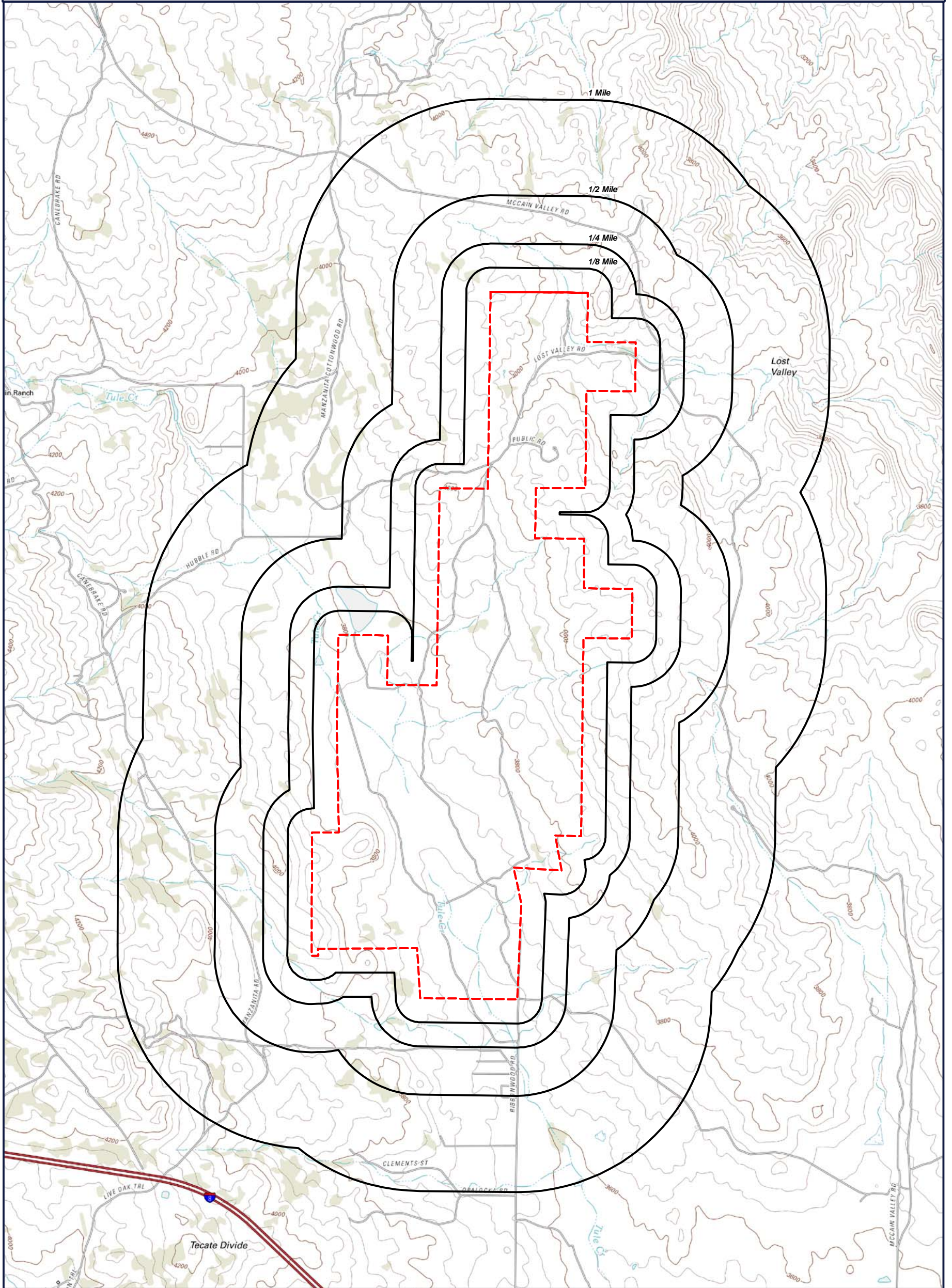
 Target Property (TP)  
 INDIANRES

**Quadrangle(s): Sombrero Peak,  
Live Oak Springs  
Torrey Wind Project  
McCain Valley Rd  
Boulevard, California  
91905**



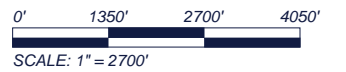
0' 1000' 2000' 3000'  
SCALE: 1" = 2000'

TOPOGRAPHIC MAP



 Target Property (TP)

Quadrangle(s): Sombrero Peak,  
Live Oak Springs  
Source: USGS, 03/23/2012  
Torrey Wind Project  
McCain Valley Rd  
Boulevard, California  
91905



## Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
<a href="#">1</a>	INDIANRES	620	Lower (3,755 ft.)	0.029 mi. N (153 ft.)	CAMPO RESERVATION	CAMPO BAND OF DIEGUENO MISSION INDIANS OF THE CAMPO INDIAN RESERVATION, CALIFORN, CAMPO, CA 91906	<a href="#">20</a>
<a href="#">2</a>	INDIANRES	616	Higher (4,307 ft.)	0.735 mi. NW (3881 ft.)	MANZANITA RESERVATION	MANZANITA BAND OF DIEGUENO MISSION INDIANS OF THE MANZANITA RESERVATION, CALIFOR, BOULEVARD, CA 91905	<a href="#">21</a>

## Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

**Target Property Elevation: 3814 ft.**

NOTE: Standard environmental records are displayed in **bold**.

### EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
<a href="#">2</a>	INDIANRES	4,307 ft.	MANZANITA RESERVATION	MANZANITA BAND OF DIEGUENO MISSION INDIANS OF THE MANZANITA RESERVATION, CALIFOR, BOULEVARD, CA 91905	<a href="#">21</a>

### LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
<a href="#">1</a>	INDIANRES	3,755 ft.	CAMPO RESERVATION	CAMPO BAND OF DIEGUENO MISSION INDIANS OF THE CAMPO INDIAN RESERVATION, CALIFORN, CAMPO, CA 91906	<a href="#">20</a>

## ***Indian Reservations (INDIANRES)***

[MAP ID# 1](#)

Distance from Property: 0.029 mi. (153 ft.) N  
Elevation: 3,755 ft. (Lower than TP)

### **SITE INFORMATION**

ENTITY: **CAMPO RESERVATION**

OCCUPANT: **CAMPO BAND OF DIEGUENO MISSION INDIANS OF THE CAMPO INDIAN RESERVATION, CALIFORNIA**

AIANA DESCRIPTION: **AMERICAN INDIAN RESERVATION**

ENTITY IN FEDERAL REGISTER: **YES**

ACRES: **16526.16**

SQUARE MILES: **25.82**

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[Back to Report Summary](#)



## *Indian Reservations (INDIANRES)*

[MAP ID# 2](#)

Distance from Property: 0.735 mi. (3,881 ft.) NW  
Elevation: 4,307 ft. (Higher than TP)

### **SITE INFORMATION**

ENTITY: **MANZANITA RESERVATION**

OCCUPANT: **MANZANITA BAND OF DIEGUENO MISSION INDIANS OF THE MANZANITA RESERVATION, CALIFORNIA**

AIANA DESCRIPTION: **AMERICAN INDIAN RESERVATION**

ENTITY IN FEDERAL REGISTER: **YES**

ACRES: **3572.76**                      SQUARE MILES: **5.58**

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[Back to Report Summary](#)

## **Unlocated Sites Summary**

*This list contains sites that could not be mapped due to limited or incomplete address information.*

*No Records Found*

## ***Environmental Records Definitions - FEDERAL***

**AIRSAFS** Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

**BRS** Biennial Reporting System

VERSION DATE: 12/31/11

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

**CDL** Clandestine Drug Laboratory Locations

VERSION DATE: 07/01/16

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

**DOCKETS** EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

**EC** Federal Engineering Institutional Control Sites

VERSION DATE: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

## ***Environmental Records Definitions - FEDERAL***

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

**ECHOR09** Enforcement and Compliance History Information

VERSION DATE: 08/26/17

The EPA's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

**ERNSCA** Emergency Response Notification System

VERSION DATE: 04/29/18

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

**FRSCA** Facility Registry System

VERSION DATE: 09/06/17

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

**HMIRSR09** Hazardous Materials Incident Reporting System

VERSION DATE: 03/27/18

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

**ICIS** Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/23/17

## Environmental Records Definitions - FEDERAL

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

**ICISNPDES** Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 07/09/17

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

**LUCIS** Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

**MLTS** Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements.

**NPDESR09** National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

**PADS** PCB Activity Database System

VERSION DATE: 07/18/17

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are

## ***Environmental Records Definitions - FEDERAL***

required to notify the EPA of such activities.

**PCSR09** Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

**RCRASC** RCRA Sites with Controls

VERSION DATE: 03/21/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

**SEMSLIENS** SEMS Lien on Property

VERSION DATE: 04/11/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

**SFLIENS** CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete.

## ***Environmental Records Definitions - FEDERAL***

**SSTS**                      Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

**TRI**                         Toxics Release Inventory

VERSION DATE: 12/31/16

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

**TSCA**                     Toxic Substance Control Act Inventory

VERSION DATE: 12/31/12

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

**RCRAGR09**               Resource Conservation & Recovery Act - Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA Region 9 includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

## ***Environmental Records Definitions - FEDERAL***

**RCRANGR09** Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA Region 9 includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

**ALTFUELS** Alternative Fueling Stations

VERSION DATE: 01/22/18

Nationwide list of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

**FEMAUST** FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

**HISTPST** Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

**ICISCLEANERS** Integrated Compliance Information System Drycleaners

VERSION DATE: 09/23/17

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

**MRDS** Mineral Resource Data System

VERSION DATE: 03/15/16



## ***Environmental Records Definitions - FEDERAL***

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

**MSHA** Mine Safety and Health Administration Master Index File

VERSION DATE: 09/01/17

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

**BF** Brownfields Management System

VERSION DATE: 03/26/18

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

**DNPL** Delisted National Priorities List

VERSION DATE: 04/11/18

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

**NLRRCRAT** No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 03/01/18

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

**ODI** Open Dump Inventory

VERSION DATE: 06/01/85

## Environmental Records Definitions - FEDERAL

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

**RCRAT** Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

**SEMS** Superfund Enterprise Management System

VERSION DATE: 04/11/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

**SEMSARCH** Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 04/11/18

The Superfund Enterprise Management System Archive listing (SEMS-ARCHIVE) has replaced the CERCLIS NFRAP reporting system in 2015. This listing reflect sites that have been assessed and no further remediation is planned and is of no further interest under the Superfund program.

**SMCRA** Surface Mining Control and Reclamation Act Sites

VERSION DATE: 08/25/17

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

## ***Environmental Records Definitions - FEDERAL***

**USUMTRCA** Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

**DOD** Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

**FUDS** Formerly Used Defense Sites

VERSION DATE: 06/01/15

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

**FUSRAP** Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

**NLRRCRAC** No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 03/01/18

## ***Environmental Records Definitions - FEDERAL***

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

**NMS** Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites.

During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

**NPL** National Priorities List

VERSION DATE: 04/11/18

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

**PNPL** Proposed National Priorities List

VERSION DATE: 04/11/18

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

**RCRAC** Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

## ***Environmental Records Definitions - FEDERAL***

### **RCRASUBC**

Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 03/01/18

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

### **RODS**

Record of Decision System

VERSION DATE: 12/11/17

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

## **Environmental Records Definitions - STATE (CA)**

**CDL** Clandestine Drug Labs

VERSION DATE: 06/30/17

The California Department of Toxic Substance Control (DTSC) provides this listing of illegal drug laboratories. Pursuant to Section 25354.5 of the California Health and Safety Code, DTSC conducts emergency removal actions at clandestine drug labs at the request of State and local law enforcement agencies. DTSC's contractors typically remove hazardous substances that may pose an immediate threat to public health and the environment while the enforcement officials are on scene. During the emergency removal actions, contractors remove and properly dispose of contaminated lab equipment, chemicals used to make the illegal drugs (usually methamphetamine), lab chemical wastes, and other grossly contaminated materials. DTSC does not perform additional assessment work beyond standard emergency removal actions and makes no further determination regarding the need for future cleanup work at the emergency removal location. The reported location information may or may not include the actual location of the illegal drug lab. The DTSC does not guarantee the accuracy of the address or location information or the condition of the location listed.

**CHMIRS** California Hazardous Material Incident Report System

VERSION DATE: 04/06/18

The California Hazardous Material Incident Report System database is provided by the California Emergency Management Agency. This database contains accidental or spill release information from reported hazardous material incidents since 1993.

**DTSCDR** DTSC Deed Restrictions

VERSION DATE: 04/16/18

The California Department of Toxic Substances Control (DTSC) maintains this listing of sites with deed restrictions. According to the DTSC, restricted land use indicates whether the site or area within the site has an environmental restriction recorded and/or other institutional control preventing certain types of land use or activities. The land use restrictions listed under the site management requirements are only an abbreviated summary of the land use restrictions, and may not encompass all restrictions and notification requirements placed on a property. For complete land use restriction information please contact the DTSC to review associated Land Use Restriction documents.

**EMI** Emissions Inventory Data

VERSION DATE: 12/31/15

The Air Resources Board's Emissions Inventory Database contains criteria pollutant data and toxic data on facilities throughout the state of California for the 2012-2000 inventory years.

**HWTS** Hazardous Waste Tanner Summary

VERSION DATE: 12/31/16

## **Environmental Records Definitions - STATE (CA)**

This data is prepared from information extracted from copies of hazardous waste manifests received each year by the Department of Toxic Substances Control. The Hazardous Waste Summary Report (Tanner Report) currently includes manifest data from the 1993 through the 2016 reporting years.

**LDS** Land Disposal Sites

VERSION DATE: 04/16/18

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

**LIENS** Recorded Environmental Cleanup Liens

VERSION DATE: 05/17/18

The California Department of Toxic Substance Control (DTSC) maintains this listing of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

**MCS** Military Cleanup Sites

VERSION DATE: 04/16/18

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater

**NPDES** National Pollutant Discharge Elimination System Facilities

VERSION DATE: 03/12/18

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

**WTHAULERS** Registered Waste Tire Haulers

VERSION DATE: 04/22/18

This listing of registered waste tire haulers is maintained by the California Integrated Waste Management Board.

**ABST** Above Ground Storage Tanks

VERSION DATE: 03/22/18

This database, provided by the California Environmental Protection Agency's (CalEPA) Regulated Site Portal,

## **Environmental Records Definitions - STATE (CA)**

contains aboveground petroleum storage tank facilities originating from the California Environmental Reporting System (CERS). These facilities store petroleum in aboveground storage tanks with oversight by local agencies.

As of January 1, 2008, Assembly Bill No. 1130 of the Aboveground Petroleum Storage Act (APSA) authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA. CalEPA Data Disclaimer: Information displayed in the portal is collected from separate agency databases and displayed unaltered. Information that is considered confidential, trade secret, or is otherwise protected by the agency that manages the database is not loaded into the portal. For more detail about information displayed in the portal, please visit the data source sites. Please refer to AST2007 database for aboveground storage tank information obtained from the California State Water Resources Control Board prior to 2008 APSA requirements.

**AST2007** Aboveground Storage Tanks Prior to January 2008

VERSION DATE: 12/01/07

This database contains aboveground storage tank facilities registered with the California State Water Resources Control Board (SWRCB) between 2007 and 2003. Since 2006, tanks were required to contain a minimum (even as cumulative) of 1320 gallons to be in the program. As of January 1, 2008, the SWRCB no longer maintains a list of registered aboveground storage tanks, due to effective Assembly Bill No. 1130 (Laird) of the Aboveground Petroleum Storage Act (APSA). This Bill authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA. Please refer to ABST database as a current source for aboveground petroleum storage tank data.

**CLEANER** Dry Cleaner Facilities

VERSION DATE: 03/13/18

This database, created by accessing the California Department of Toxic Substances Control's (DTSC) Hazardous Waste Tracking System, includes dry cleaner facilities that have registered EPA identification numbers. These facilities are categorized with one of the following NAICS Codes: 81231 or 81232. This database may also include facilities other than dry cleaners who also register with these same NAICS Codes. Not all companies report their NAICS/SIC Codes to the DTSC and therefore this database may exclude registered dry cleaner facilities with incomplete classification information.

**DTSCHWT** DTSC Registered Hazardous Waste Transporters

VERSION DATE: 04/30/18

The Department of Toxic Substances Control provides this list of Registered Hazardous Waste Transporters.

**HISTUST** Historical Underground Storage Tanks

VERSION DATE: 12/31/87

The Hazardous Substance Storage Container Database is a historical list of Underground Storage Tank sites, compiled from tank survey and registration information collected at one time between 1984 and 1987 by the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials.



## ***Environmental Records Definitions - STATE (CA)***

**MINES** Mines Listing

VERSION DATE: 05/06/18

This database includes mine site locations from the California Office of Mine Reclamation.

**MWMP** California Medical Waste Management Program Facility List

VERSION DATE: 04/13/18

To protect the public and the environment from potential infectious exposure to disease causing agents, the Medical Waste Management Program (MWMP), in the Environmental Management Branch of the California Department of Public Health, regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations.

**SLIC** Spills, Leaks, Investigation & Cleanup Recovery Listing

VERSION DATE: 06/16/08

These records are maintained by the California Regional Water Quality Control Board (RWQCB). This list includes contaminated sites that impact groundwater or have the potential to impact ground water. Please refer to CLEANUPSITES database as source of current data.

**SWEEPS** Statewide Environmental Evaluation and Planning System

VERSION DATE: 10/01/94

The Statewide Environmental Evaluation and Planning System (SWEEPS) contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials. Refer to CUPA listing for source of current data.

**USTCUPA** Underground Storage Tanks

VERSION DATE: 05/06/18

An underground storage tank is an individual tank or group of tanks that store hazardous substances. Underground storage tanks are completely or considerably below the ground surface. This database contains UST permit data submitted from the Certified Unified Program Agencies (CUPA) directly to the State Water Resources Control Board. CUPA's are local agencies that have been certified by the California EPA to implement state environmental programs within the local agency's jurisdiction.

**BF** Brownfield Sites

VERSION DATE: 03/06/18

## **Environmental Records Definitions - STATE (CA)**

This database includes Brownfield sites from the State Water Resources Control Board. These are sites that have gone through the Moratorium of Agreement (MOA) process.

**CALSITES**                      CALSITES Database

VERSION DATE: 05/01/04

This historical database was maintained by the Department of Toxic Substance Control for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

**CLEANUPSITES**                      GeoTracker Cleanup Sites

VERSION DATE: 04/16/18

This GeoTracker Cleanup Sites database is maintained by the California Regional Water Quality Control Board (RWQCB). The database contains contaminated sites that impact groundwater or have the potential to impact ground water, including spills, investigations, cleanup recoveries and reported leaking underground storage tank incidents.

**CORTESE**                              Cortese List

VERSION DATE: 05/06/18

This active listing includes hazardous waste and substances sites designated by the State Water Resources Control Board, the Integrated Waste Board, and the Department of Toxic Substance Control. The Cortese List is utilized by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites.

**DROP**                                      Listing of Certified Dropoff, Collection, and Community Service Programs

VERSION DATE: 04/30/18

Listing of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

**ERAP**                                      Expedited Removal Action Program Sites

VERSION DATE: 01/29/18

The Expedited Remedial Action Program is a pilot project administered by the Department of Toxic Substances Control's Site Mitigation and Brownfields Reuse Program to promote the cleanup of up to 30 hazardous substance release sites. ERAP provides significant incentives for redevelopment of contaminated properties by promoting cleanups based on the planned land use, by providing a covenant not to sue, and by outlining a fair and equitable liability scheme.

## Environmental Records Definitions - STATE (CA)

**HISTCORTESE** Historical Cortese List

VERSION DATE: 11/02/02

This historical listing includes hazardous waste and substances sites designated by the State Water Resources Control Board, the Integrated Waste Board, and the Department of Toxic Substance Control. The Cortese List was utilized by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. See CACORTESE for an updated version of this database.

**LUST** Leaking Underground Storage Tanks

VERSION DATE: 04/16/18

This database is maintained by the State Water Resources Control Board. LUST records contain an inventory of reported leaking underground storage tank incidents. Please refer to the CLEANUPSITES database as source of current data.

**NFA** No Further Action Determination

VERSION DATE: 07/01/05

The NFA listing contains properties at which the Department of Toxic Substance Control has made a clear determination that the property does not pose a problem to the environment or to public health.

**NFE** Sites Needing Further Evaluation

VERSION DATE: 07/01/05

The NFE listing contains properties that the Department of Toxic Substance Control suspects with possible contamination. These are unconfirmed contaminated properties that need further assessment.

**PROC** Listing of Certified Processors

VERSION DATE: 05/15/18

Listing of Certified Processors that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

**REF** Referred to Another Local or State Agency

VERSION DATE: 07/01/05

The REF listing contains properties where contamination has not been confirmed and which were determined as not requiring direct Department of Toxic Substance Control Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

## **Environmental Records Definitions - STATE (CA)**

**SWIS** Solid Waste Information System Sites

VERSION DATE: 04/18/18

The Solid Waste Information System (SWIS) database includes information on solid waste facilities, operations, and disposal sites located in California. This database is maintained by the California Department of Resources Recycling and Recovery.

**SWRCY** Recycling Centers

VERSION DATE: 05/17/18

Listing of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

**VCP** Voluntary Cleanup Program

VERSION DATE: 04/23/18

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

**WMUDS** Waste Management Unit Database

VERSION DATE: 01/01/00

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

**ENVIROSTOR** EnviroStor Cleanup Sites

VERSION DATE: 04/23/18

The Department of Toxic Substances Control (DTSC) has developed the EnviroStor database system to evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database of cleanup sites contains the following: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. Sites where DTSC has made a "No Action Required" determination are not included in this database, as these sites had assessments that revealed no evidence of recognized environmental conditions in connection with the property.

## ***Environmental Records Definitions - STATE (CA)***

### **ENVIROSTORPCA**

EnviroStor Permitted and Corrective Action Sites

VERSION DATE: 05/01/18

The Department of Toxic Substances Control (DTSC) has developed the EnviroStor database system to evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database contains detailed information on hazardous waste permitted and corrective action facilities. Investigation and cleanup activities at hazardous waste facilities (either Resource Conservation and Recovery Act (RCRA) or State-only) that either were eligible for a permit or received a permit are called "corrective action." These facilities treated stored, disposed and/or transferred hazardous waste.

### **TOXPITS**

Toxic Pits Cleanup Act Sites

VERSION DATE: 07/01/95

Toxic Pits are sites with possible contamination of hazardous substances where cleanup is necessary. This listing is no longer updated by the State Water Resources Control Board.

## ***Environmental Records Definitions - LOCAL***

**HMMDD** San Diego County Hazardous Materials Management Division Database

VERSION DATE: 02/07/18

The HMMDD is maintained by the County of San Diego's Environmental Health Department and includes all establishments with a hazardous materials permit. The database also provides associated waste, inventory, environmental assesment and tank information.

**SDEACL** San Diego County Environmental Assessment Case Listing

VERSION DATE: 05/03/11

The Environmental Assesment Case listing is mainatined by the San Diego Department of Environmental Health's Site Assessment and Mitigation (SAM) Unit. This listing includes underground storage tanks with an unauthorized release and/or other contaminated properties where corrective action is necessary. Please refer to CLEANUPSITES database as source of current data.

**SDSWF** San Diego County Solid Waste Facilities

VERSION DATE: 05/16/18

This list of solid waste facilities is provided by the County of San Diego's Department of Public Environmental Health.

## ***Environmental Records Definitions - TRIBAL***

**USTR09**                      Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/13/17

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

**LUSTR09**                      Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/13/17

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

**ODINDIAN**                      Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

**TORRESDUMPSITES**                      Illegal Dump Sites on the Torres Martinez Reservation

VERSION DATE: 10/29/07

This listing of illegal dump site locations on the Torres Martinez Reservation is maintained by the United States Environmental Protection Agency, Region IX. These dump sites contain unlawfully discarded household waste such as landscaping and wood wastes with no known soil or groundwater contamination. A majority of the sites have already been cleaned up through the collaborative efforts of the EPA, The California Integrated Waste Management Board and the Torres Martinez Tribe.

**INDIANRES**                      Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.