APPENDIX F-2

Phase I ESA Memo and Phase I ESA

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MEMORANDUM

To:	Susan Harris, County of San Diego
From:	Audrey Herschberger, Dudek
Subject:	Phase 1 Environmental Site Assessment, Boulder Brush Boundary, Additional Assessor Parcel Numbers
Date:	October 18, 2019
cc:	Glenna McMahon, Vanessa Currie (Dudek)
Attachments:	A – Figure 1 B – Phase I Environmental Site Assessment, 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, and 611-020-01 of the Boulder Brush Boundary

The attached Phase I Environmental Site Assessment (ESA) was completed for Assessor Parcel Numbers (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, and 611-020-01 of the Boulder Brush Boundary, which is part of the larger Campo Wind Project with Boulder Brush Facilities (Project) in San Diego County, California. The Phase I ESA was completed in September 2018.

Changes to Boulder Brush Boundary

Following completion of the Phase I ESA, additional parcels were added to the Boulder Brush Boundary: APNs 528-220-02, 528-220-03, 529-090-03, 611-050-04, and 611-050-05. Figure 1 illustrates the variation between the Phase I ESA parcels and the revised Boulder Brush Boundary. Figure 1 also identifies the points of interest identified in the Phase I ESA.

Environmental Database Search

Dudek conducted a search of online regulatory databases that maintain information regarding hazardous material sites in the State of California. These sites are summarized in the table below. The five additional APNs were not identified in these online databases.

Online Regulatory Databases

Database	Details
California Environmental Protection Agency (CalEPA) https://siteportal.calepa.ca.gov/nsite/	The CalEPA Regulated Site Portal is a website that combines data about environmentally regulated sites and facilities in California into a single, searchable database and interactive map. Data sources include California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxics Release Inventory (TRI).

Online Regulatory Databases

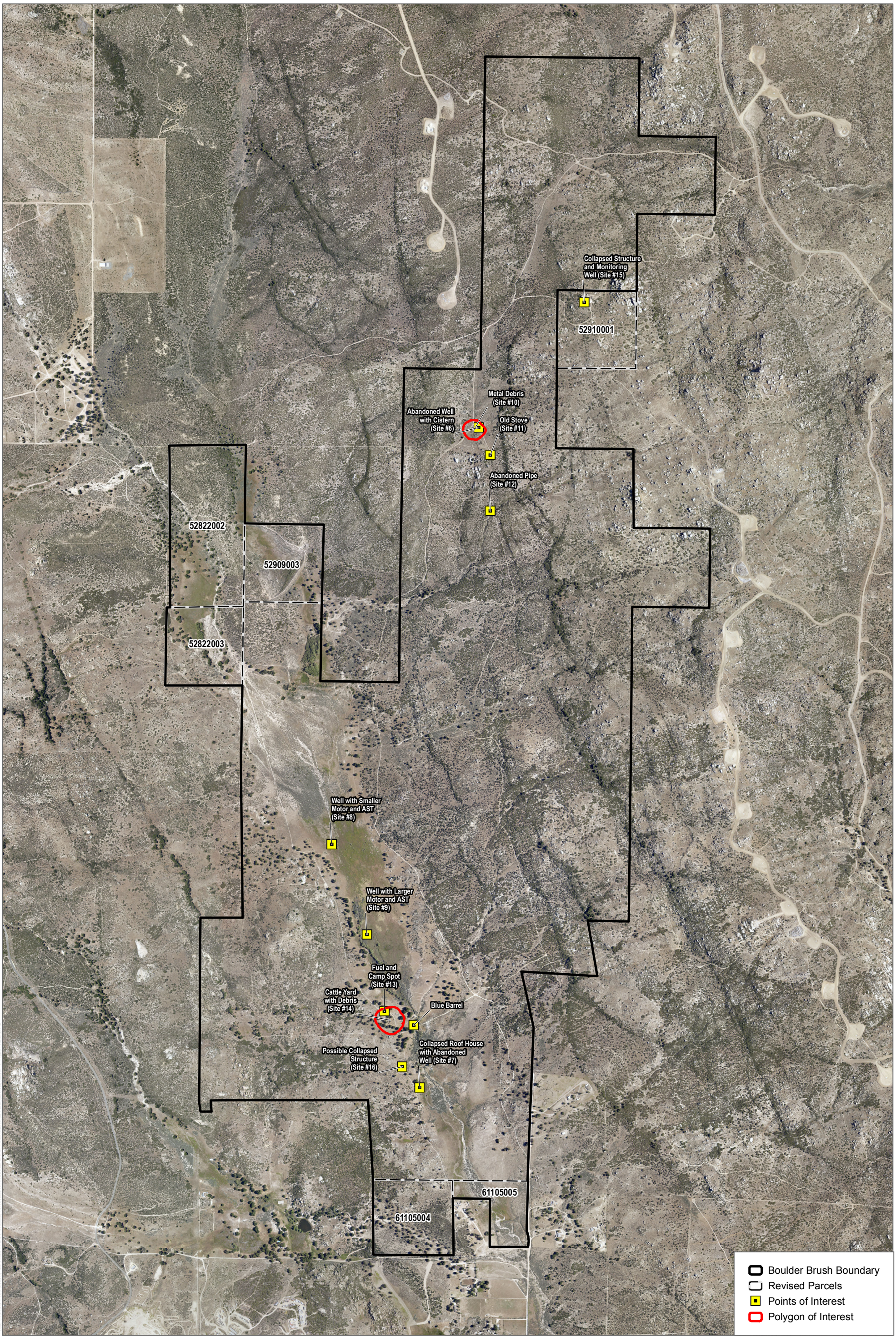
Database	Details
Department of Toxic Substance Control (DTSC) EnviroStor https://www.envirostor.dtsc.ca.gov/	This is DTSC's data management system for tracking cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known contamination or sites where there may be reasons for further investigation.
Regional Water Quality Control Board (RWQCB) GeoTracker http://geotracker.waterboards.ca.gov/	This is the California RWQCB's data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. GeoTracker contains records for sites that require cleanup, various unregulated projects, and permitted facilities. Sites include LUST [Leaking Underground Storage Tank], Department of Defense, Cleanup Program, Irrigated Lands, Oil and Gas Production, Permitted USTs [Underground Storage Tanks], and Land Disposal Sites.
National Pipeline Mapping System https://www.npms.phmsa.dot.gov/	The National Pipeline Mapping System (NPMS) Public Map Viewer is a web-based application designed to assist the general public with displaying and querying data related to gas transmission and hazardous liquid pipelines, liquefied natural gas plants, and breakout tanks under Department of Transportation Pipeline and Hazardous Material Safety Administration jurisdiction.

Findings and Conclusions

The findings in the Phase I ESA are not affected by the inclusion of five additional APNs, as described above.

Attachment A

Figure 1



SOURCE: SANGIS 2017

DUDEK

0 650 1,300 Feet

FIGURE 1

Revised APNs to Boulder Brush Boundary

Campo Wind Project with Boulder Brush Facilities

Attachment B

Phase I Environmental Site Assessment

Phase I Environmental Site Assessment
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, and 611-020-01
San Diego County, California
PDS 2018-MUP-18-014

Prepared for:

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SEPTEMBER 2018

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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	APNs 529-050-01; 529-060-01; 529-090-02; 529-100-01, -02, -03; 529-120-01, -03; 529-130-01; 611-010-01, -02, -03; and 611-020-01
REC	recognized environmental condition
UST	underground storage tank

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1 EXECUTIVE SUMMARY

A Phase I Environmental Site Assessment (ESA) was conducted for the assessor's parcel numbers (APNs) listed below that lie within the Boulder Brush Boundary of the Campo Wind and Boulder Brush 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.

- 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, Boulder Brush, 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.

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 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 inquires in conformance with the standards and practices set forth in 40 CFR Part 312.

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 (ATV) 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).

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52905001

52906001

52910001

52909002

52910002

52910003

52912001

52912003

52913001

61101003

61102001

61101001

61101002

0 0.5 Miles

DUDEK

SOURCE: NAIP 2016

FIGURE 1

Project Location

June 2018

Torrey Wind Phase I ESA

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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, Site Reconnaissance).

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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5 INTERVIEWS

5.1 Site Representative Interview

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

Mr. Gabrych and Mr. Wagner 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. Ken Wagner of Boulder Brush, 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?

   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).

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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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 aerials 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.

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 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 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

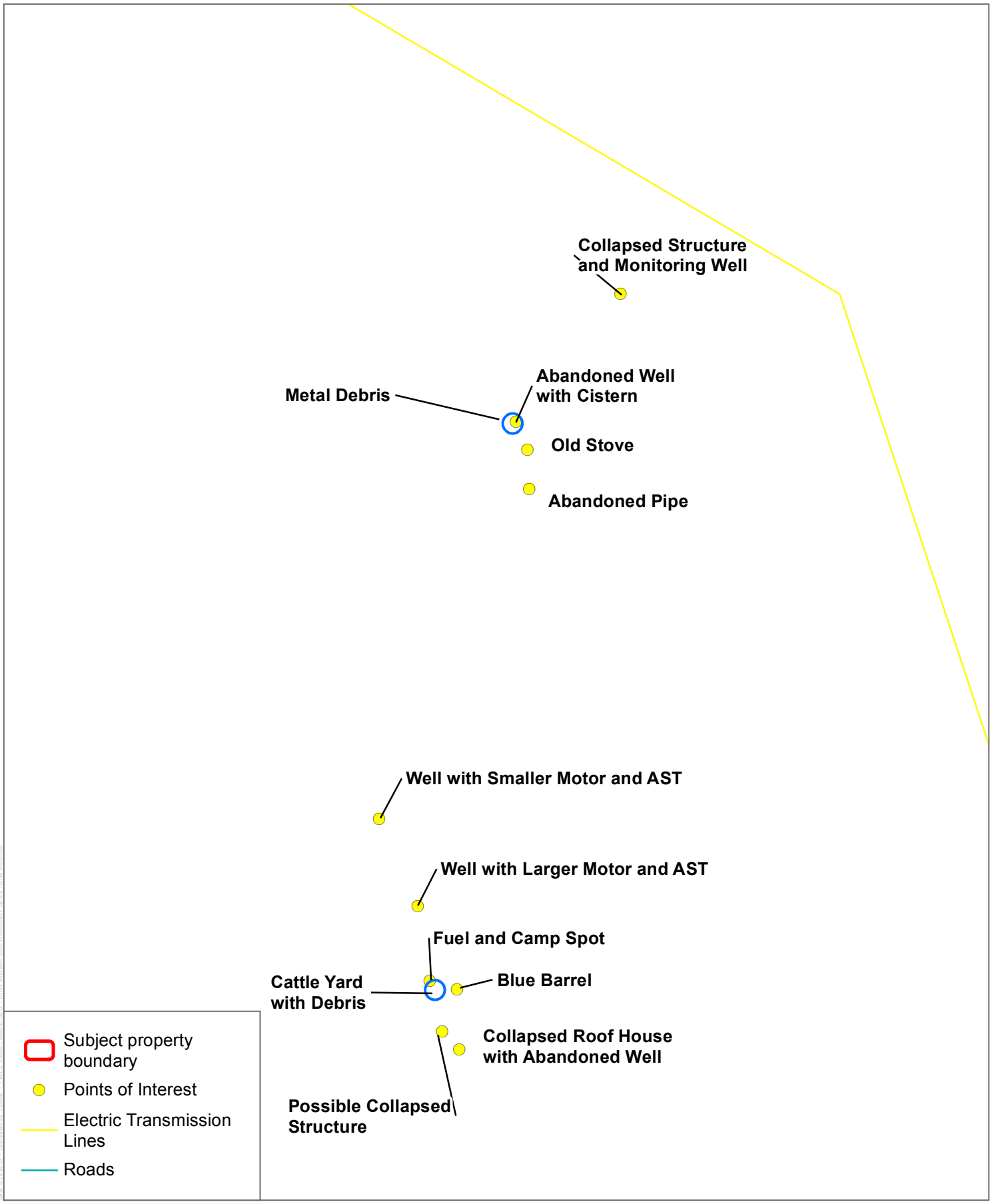
Two aboveground storage tanks were observed on the Project site (Figure 2). Both storage tanks were associated with groundwater well pumps. One was a rusted 2,000-gallon tank (Photograph

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.

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

FIGURE 2

Site Map

Torrey Winds Phase I ESA

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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.

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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
Northern Portion of Project Site			
1942	Cuyapaipe	1:62,500	The northern section of the Project site appears to be vacant land. 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. The In-Ko-Pah Mountains are depicted to the north of the Project site.
1960	Mount Laguna	1:62,500	The northern section of the Project site and surrounding areas appear similar to the 1942 Cuyapaipe topographic map. The unimproved road crossing the northern portion of the Project site, visible in the 1942 Cuyapaipe 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. The Anza-Borrego Desert State Park is labeled to the north of the Project site.
1959	Live Oak Springs, Sombrero Peak	1:24,000	The northern portion of the Project site appears similar to the 1960 Mount Laguna topographic map.
1959 (photorevised 1975)	Live Oak Springs, Sombrero Peak	1:24,000	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.
1997	Live Oak Springs, Sombrero Peak	1:24,000	The northern portion of the Project site and surrounding area appear similar to the 1959 (photorevised 1975) Live Oak Springs, Sombrero Peak topographic maps.
2012	Live Oak Springs, Sombrero Peak	1:24,000	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.
Southern Portion of Project Site			
1939	Campo	1:62,500	The southern portion of the Project site appears to be vacant land. Much of the Project site falls within a land feature identified as McCain Valley. Tule Creek runs northwest to southeast through the southwestern

Table 2
Summary of Historical Topographic Maps

Date	Map Name(s)	Scale	Description
			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). 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.
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	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. 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.
1959	Live Oak Springs, Sombrero 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, Sombrero 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, Sombrero 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 Sombrero Peak topographic maps.
2012	Live Oak Springs, Sombrero 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 Sombrero Peak topographic maps. Roads are labeled on the Project site and in surrounding areas.

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.

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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

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.

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 Sources.

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

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	**2**
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.

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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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.

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).

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.

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, Boulder Brush, 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.

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.

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.

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14 REFERENCES

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.

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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APPENDIX A

Qualifications of Environmental Professionals

APPENDIX A
Qualifications of Environmental Professionals

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

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APPENDIX B

Historical Topographic Maps

Historical Topographic Maps

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

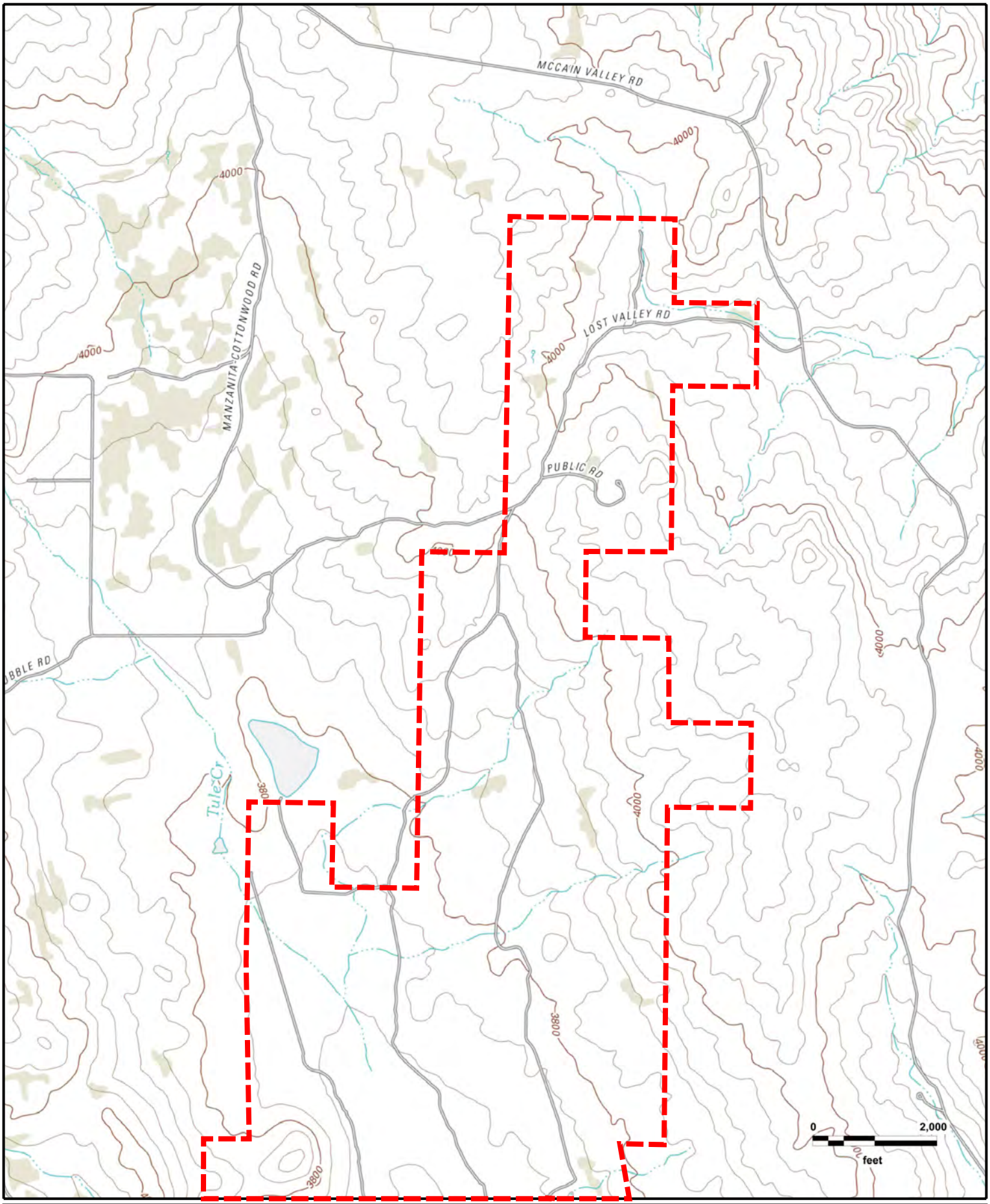
USGS Quadrangle: ***Sombrero Peak, Live Oak Springs***
Target Property Geometry: ***Area***

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

Date	Quadrangle	Scale
2012	Live Oak Springs, CA (2012)	1" = 2000'
	Sombrero Peak, CA (2012)	
2012	Live Oak Springs, CA (2012)	1" = 2000'
	Sombrero Peak, CA (2012)	
1997	Live Oak Springs, CA (1997)	1" = 2000'
	Sombrero Peak, CA (1997)	
1997	Live Oak Springs, CA (1997)	1" = 2000'
	Sombrero Peak, CA (1997)	
1959 PHOTOREVISED 1975	Live Oak Springs, CA (1975)	1" = 2000'
	Sombrero Peak, CA (1975)	
1959 PHOTOREVISED 1975	Live Oak Springs, CA (1975)	1" = 2000'
	Sombrero Peak, CA (1975)	
1959	Live Oak Springs, CA (1959)	1" = 2000'
	Sombrero Peak, CA (1959)	
1959	Live Oak Springs, CA (1959)	1" = 2000'
	Sombrero Peak, CA (1959)	
1959	Campo, CA	1" = 5208'
1942	Campo, CA	1" = 5208'
1939	Campo, CA	1" = 5208'
1960	Mount Laguna, CA	1" = 5208'
1942	Cuyapaipe, CA	1" = 5208'

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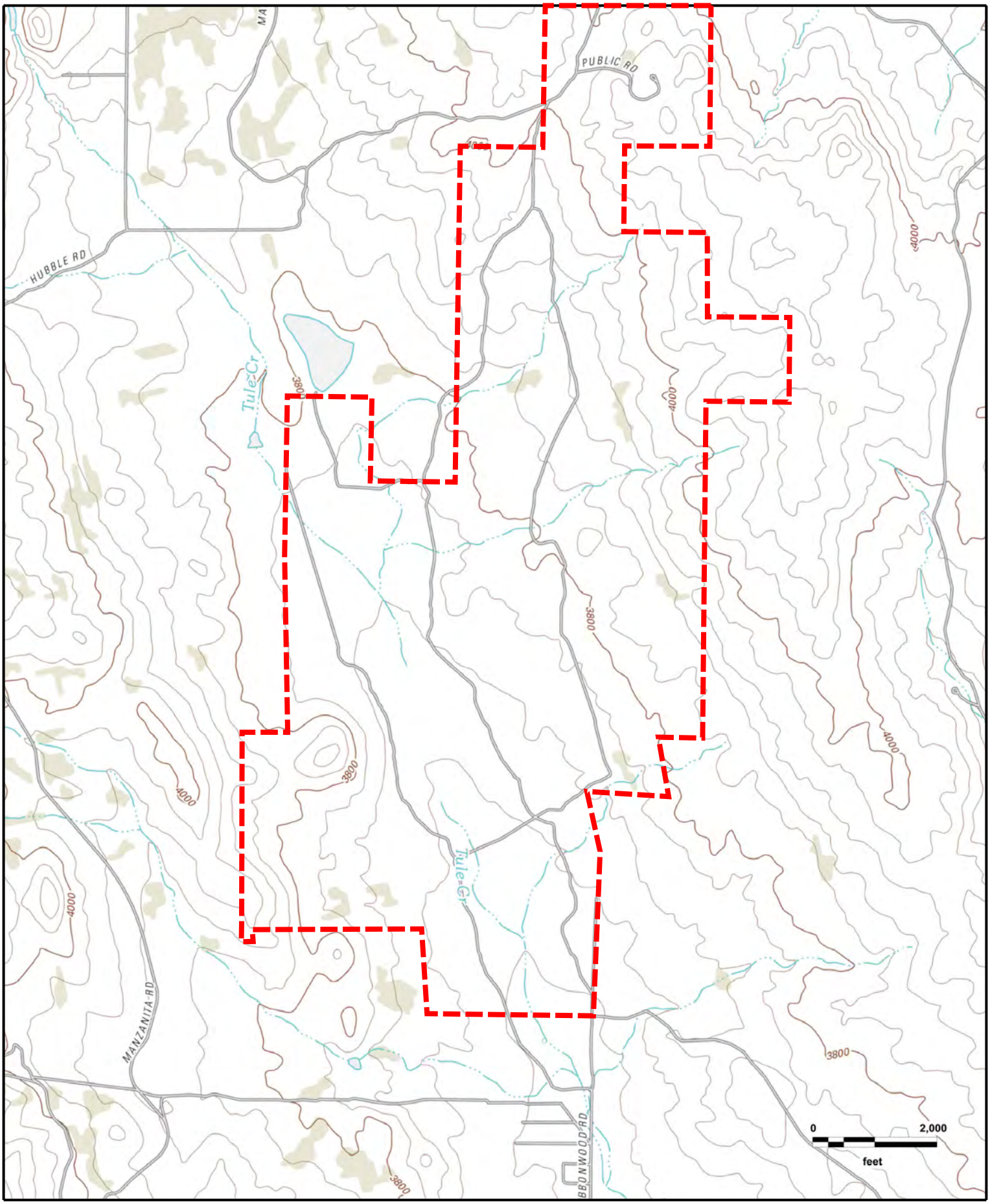


N
W E
S

Torrey Wind Project
Live Oak Springs, CA (2012), Sombrero Peak, CA (2012)

GeoSearch

JOB #: 241534 - 06/08/2018

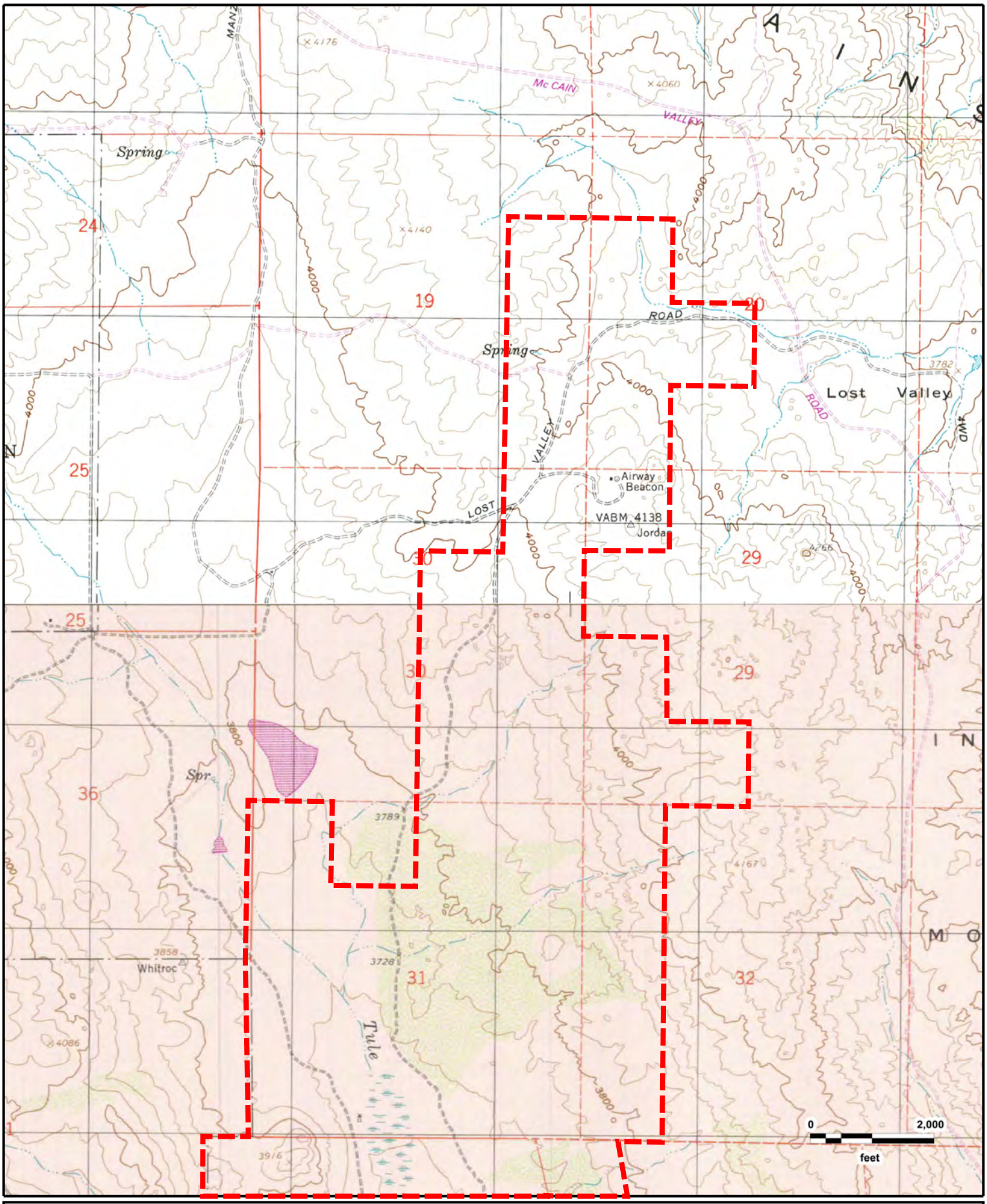


N
W E
S

Torrey Wind Project
Live Oak Springs, CA (2012), Sombrero Peak, CA (2012)

GeoSearch

JOB #: 241534 - 06/08/2018

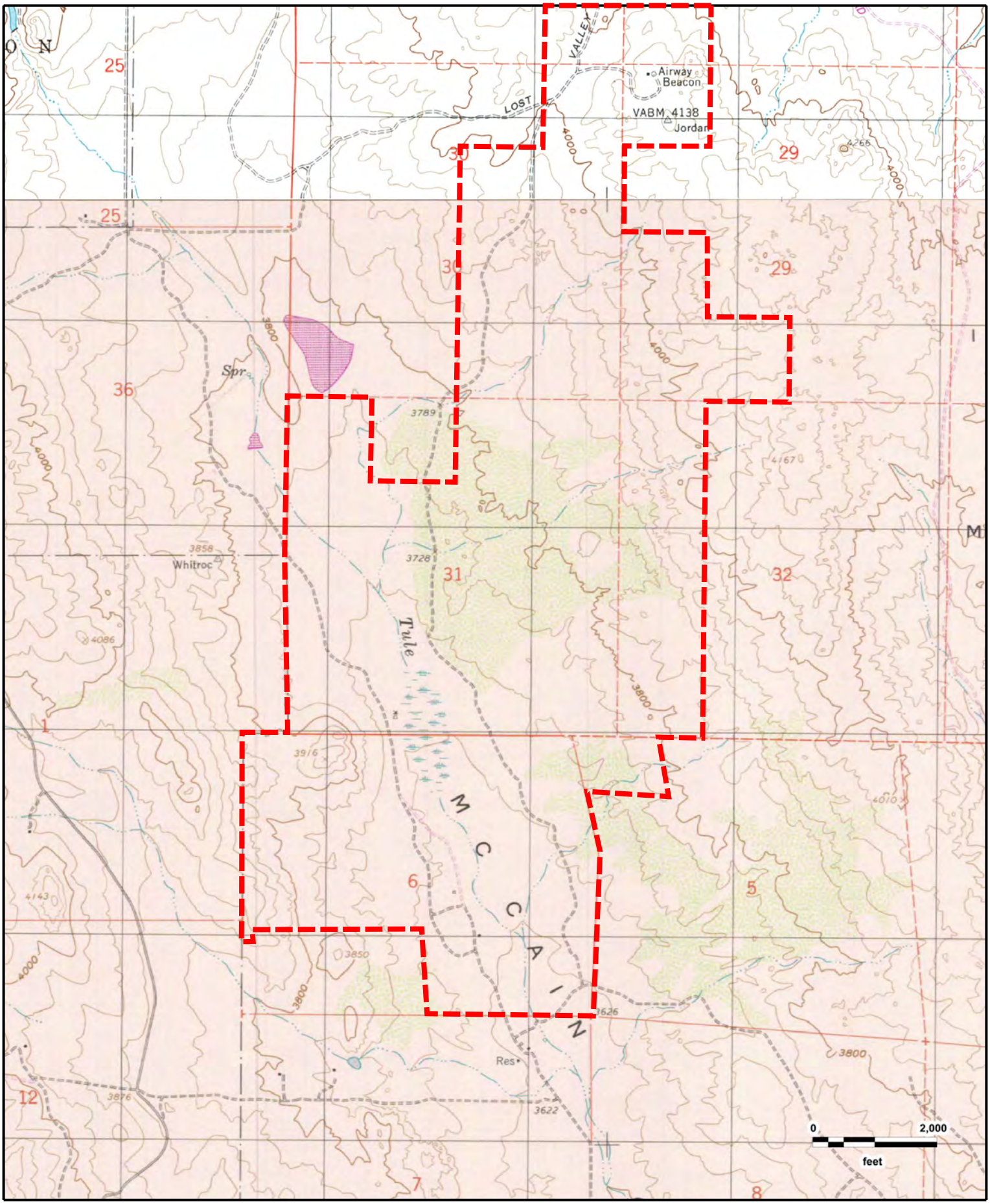


N
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Torrey Wind Project
Live Oak Springs, CA (1997), Sombrero Peak, CA (1997)

GeoSearch

JOB #: 241534 - 06/08/2018

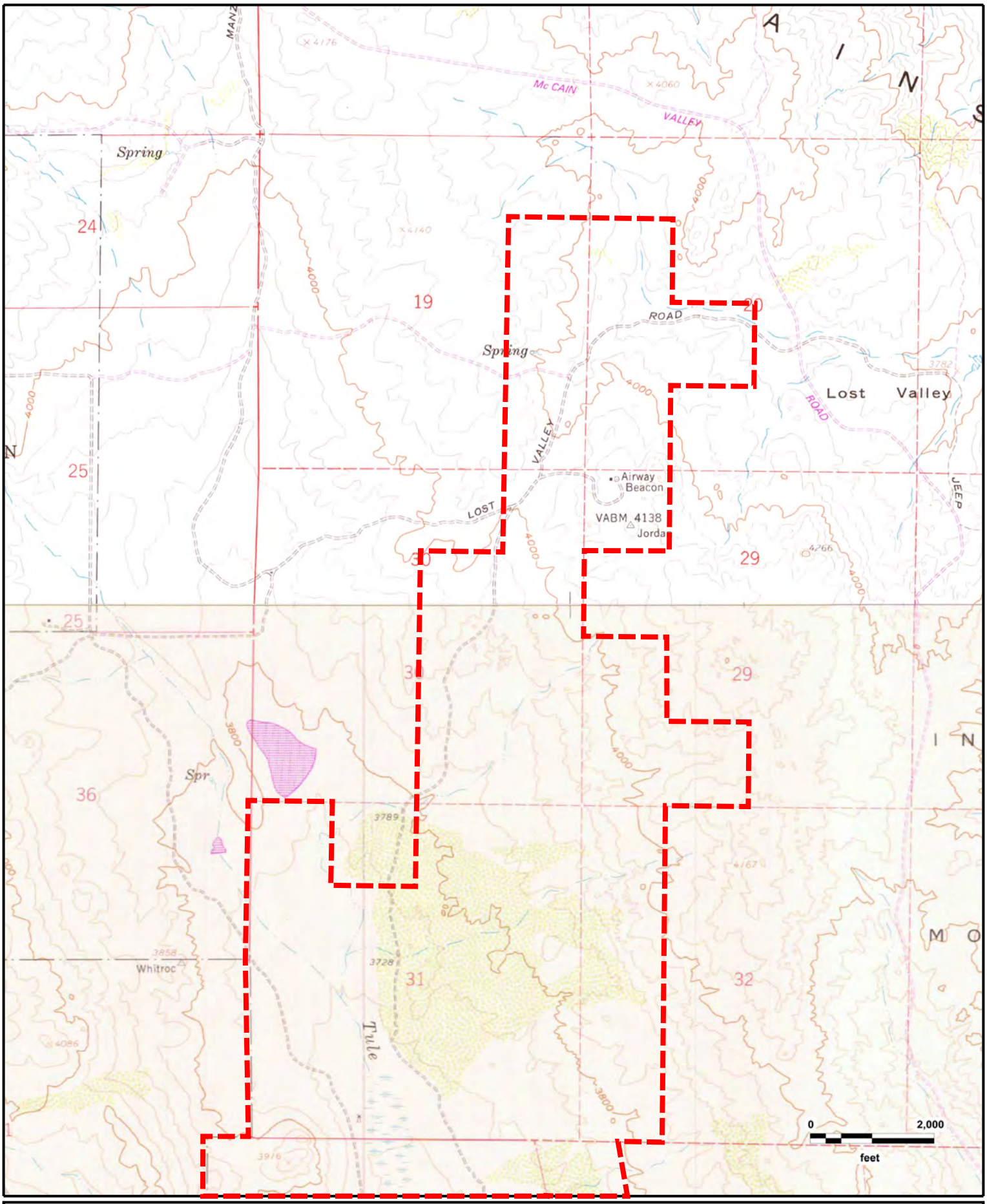


N
W E
S

Torrey Wind Project
Live Oak Springs, CA (1997), Sombrero Peak, CA (1997)

GeoSearch

JOB #: 241534 - 06/08/2018

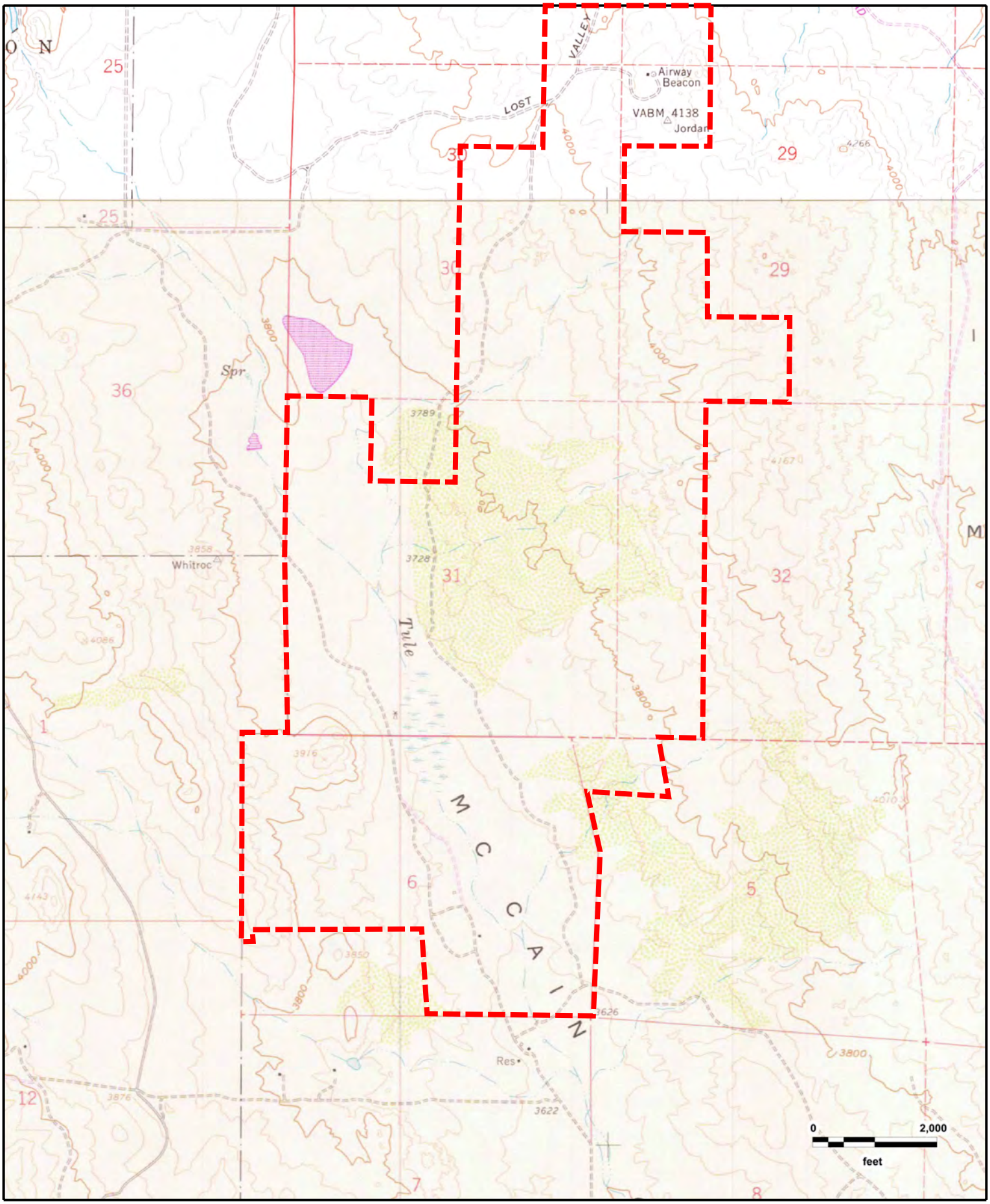


N
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Torrey Wind Project
Live Oak Springs, CA (1975), Sombrero Peak, CA (1975)

GeoSearch

JOB #: 241534 - 06/08/2018

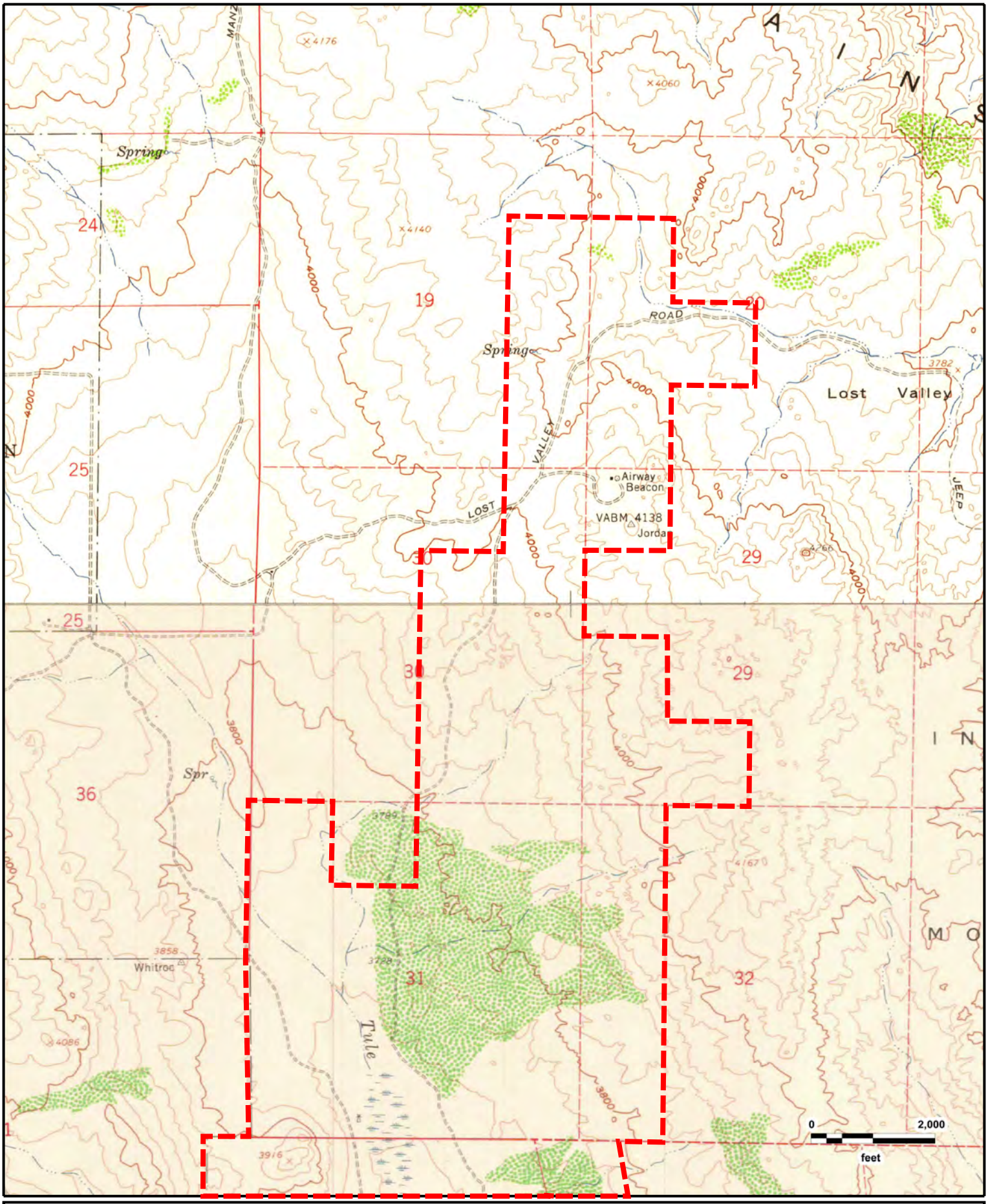


N
W E
S

Torrey Wind Project
Live Oak Springs, CA (1975), Sombrero Peak, CA (1975)

GeoSearch

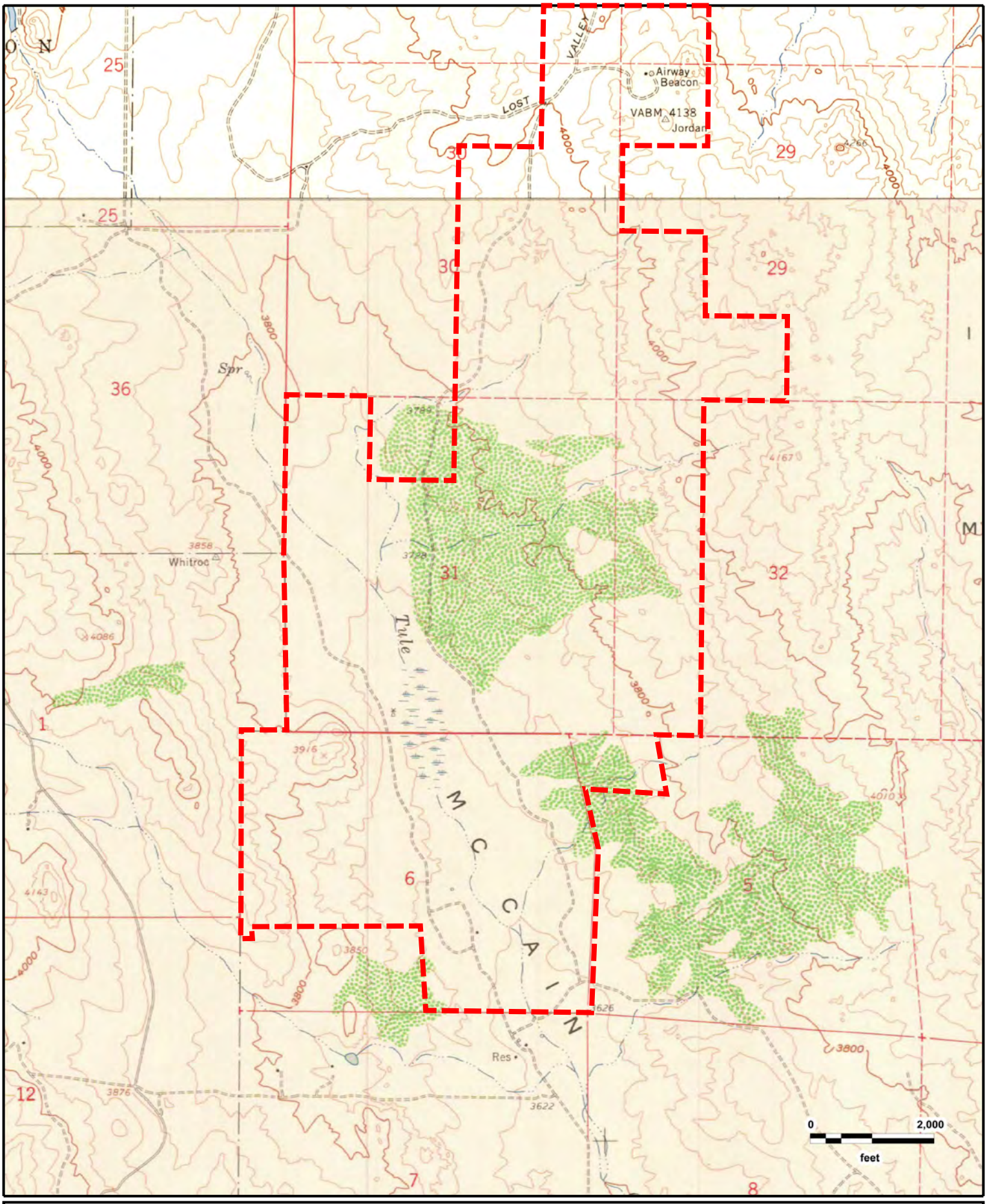
JOB #: 241534 - 06/08/2018



Torrey Wind Project
Live Oak Springs, CA (1959), Sombrero Peak, CA (1959)

GeoSearch

JOB #: 241534 - 06/08/2018

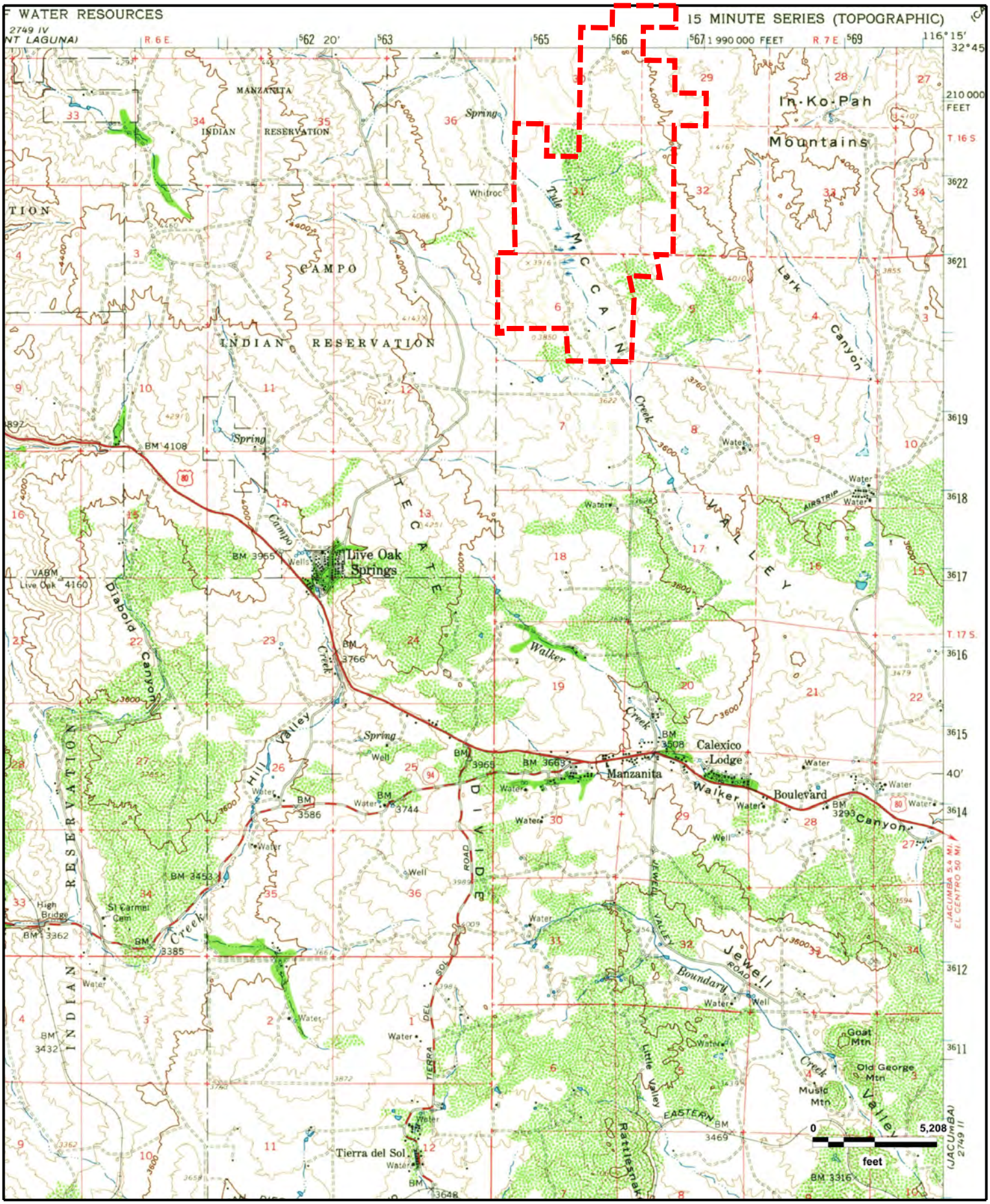


N
W E
S

Torrey Wind Project
Live Oak Springs, CA (1959), Sombrero Peak, CA (1959)

GeoSearch

JOB #: 241534 - 06/08/2018

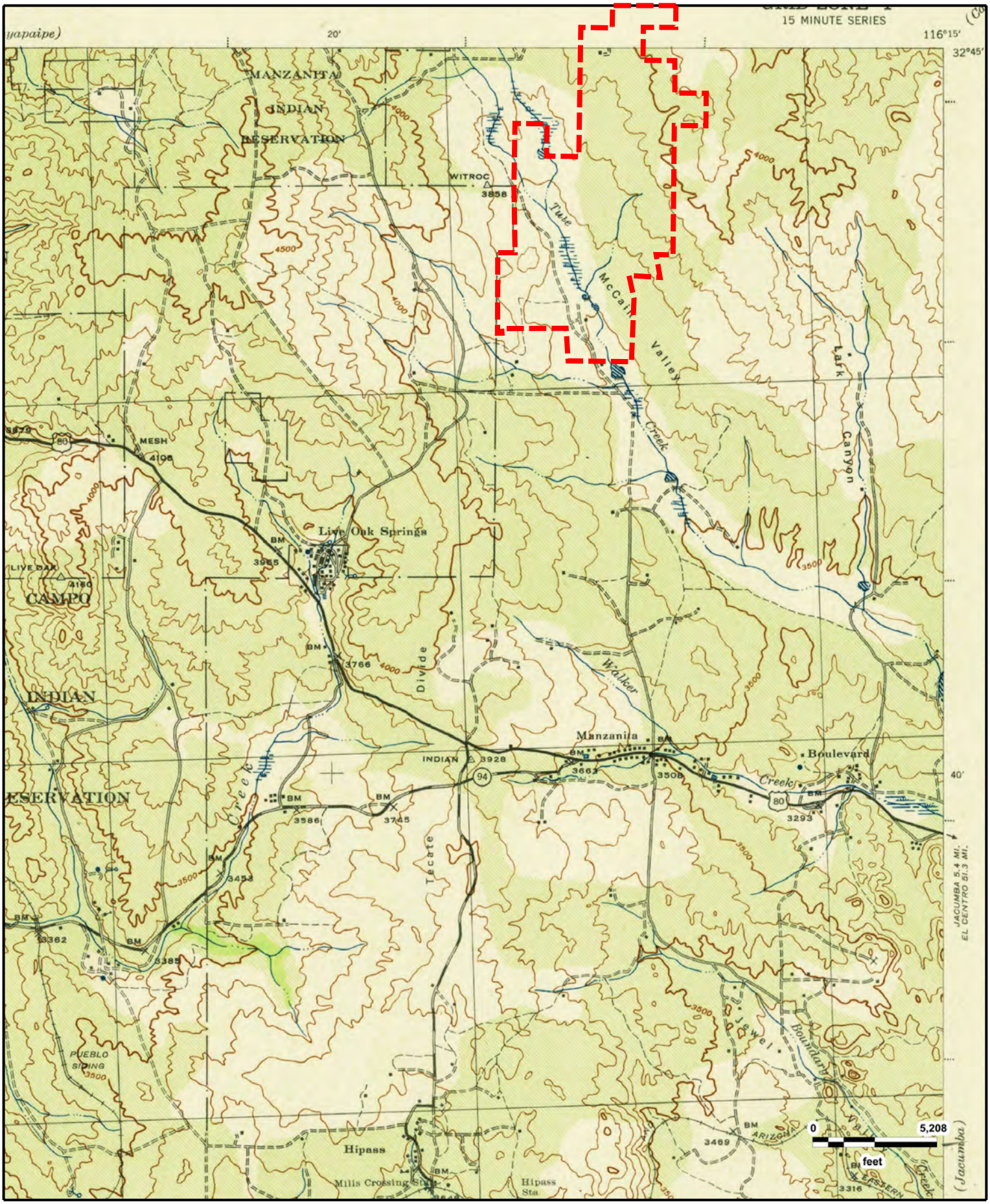


N
W E
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Torrey Wind Project
Campo, CA (1959)

GeoSearch

JOB #: 241534 - 06/08/2018

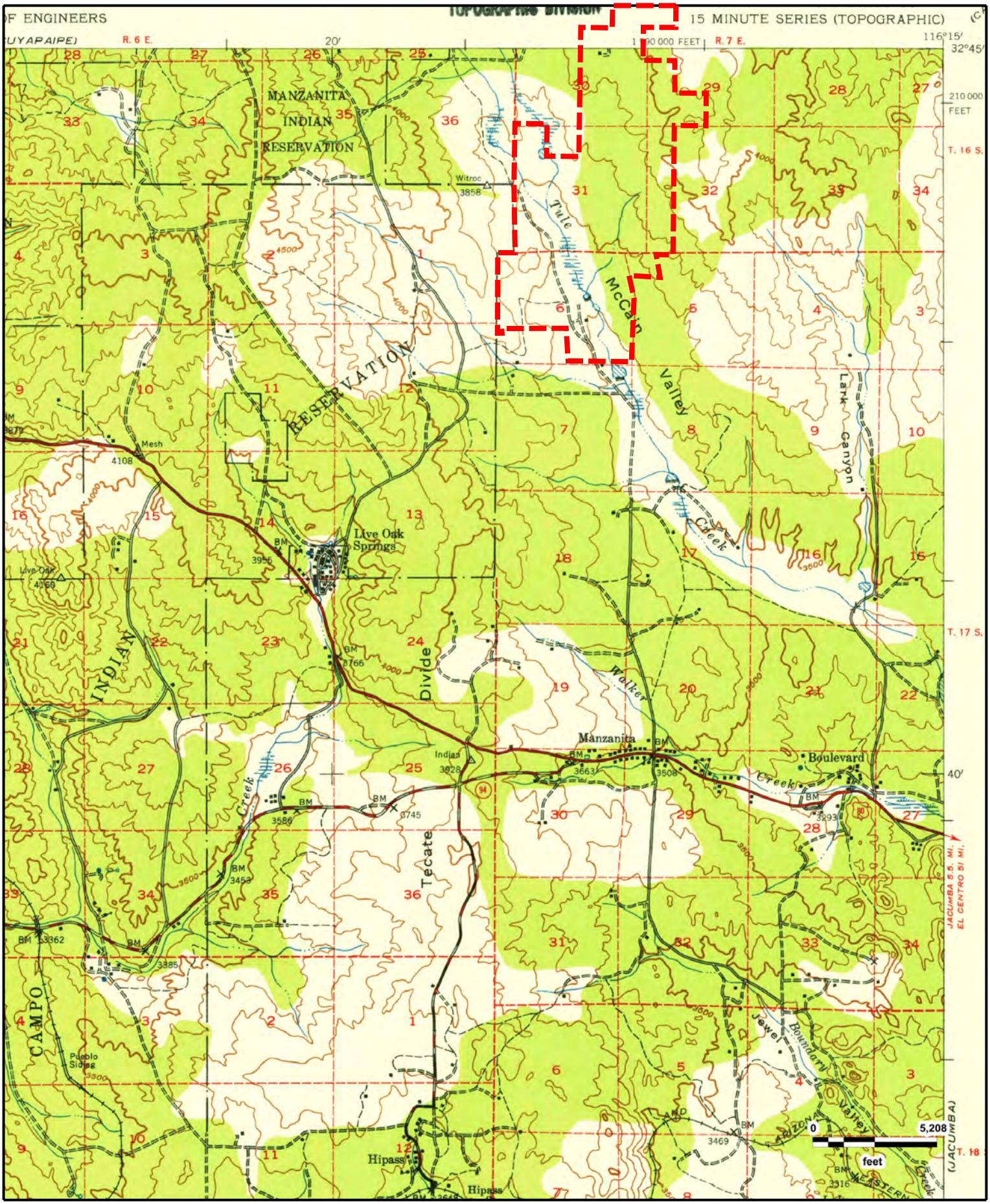


N
W E
S

Torrey Wind Project
Campo, CA (1942)

GeoSearch

JOB #: 241534 - 06/08/2018

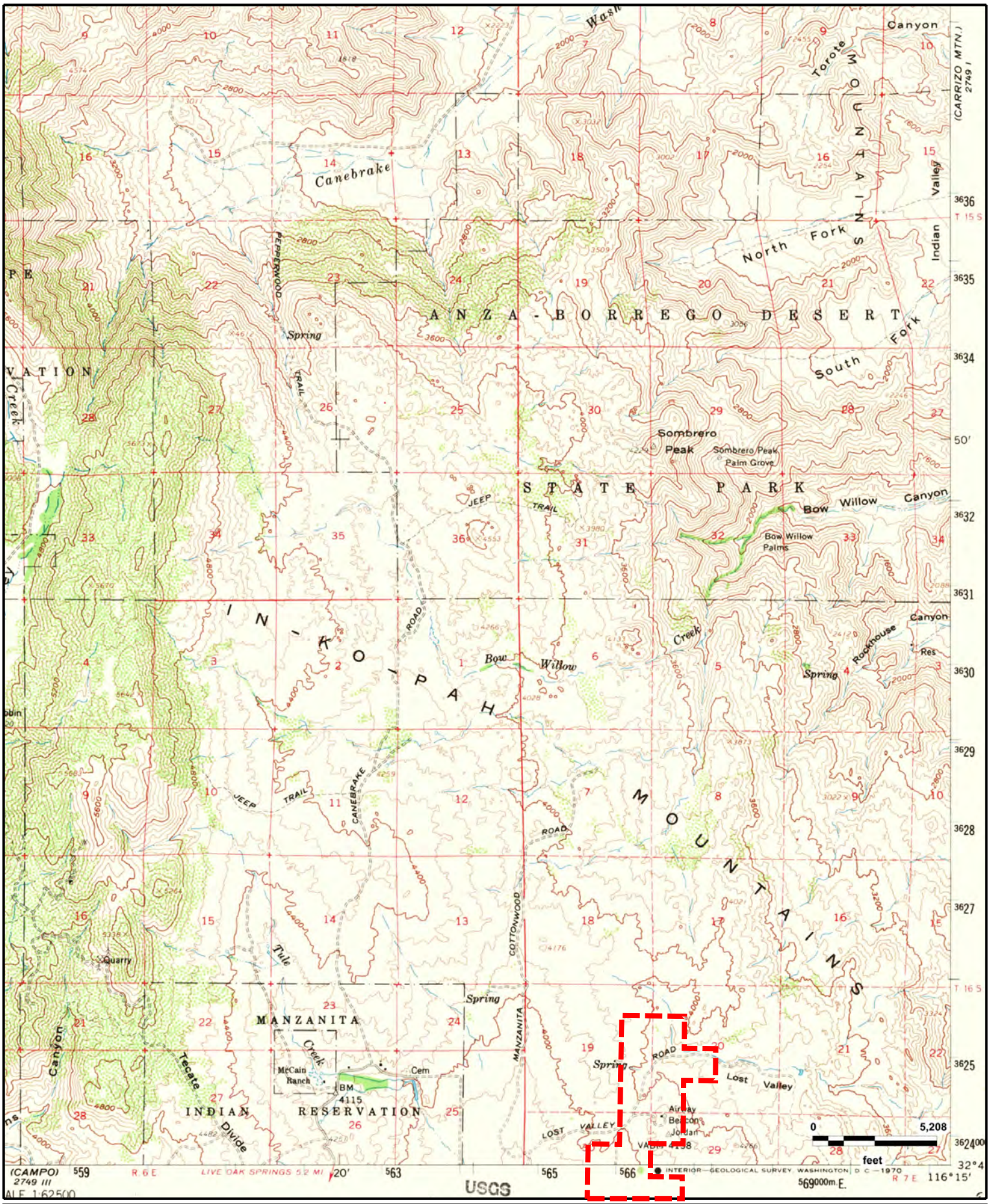


N
W E
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Torrey Wind Project
Campo, CA (1939)

GeoSearch

JOB #: 241534 - 06/08/2018

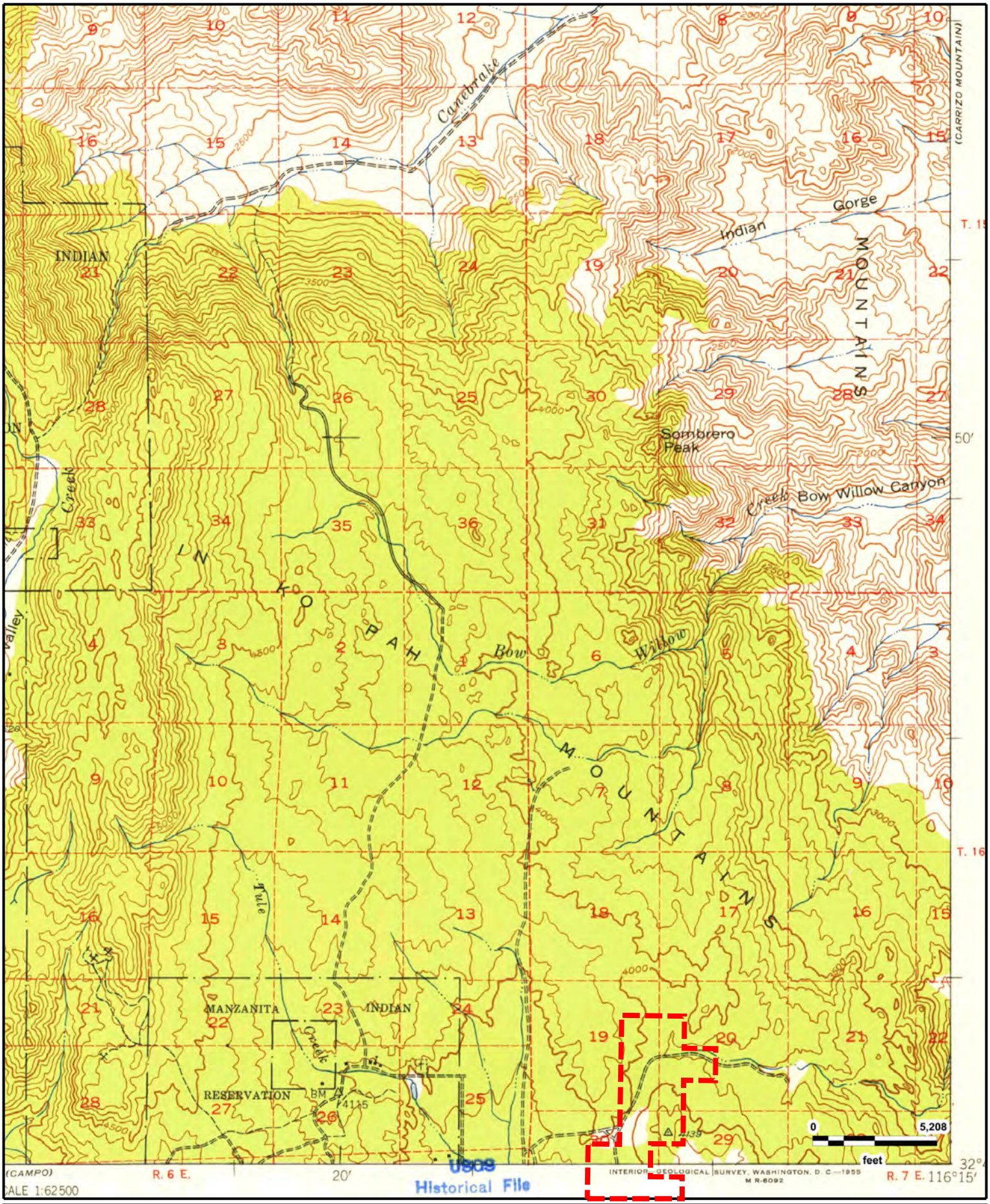


N
W E
S

Torrey Wind Project
Mount Laguna, CA (1960)

GeoSearch

JOB #: 241534 - 06/08/2018



N
W E
S

Torrey Wind Project
Cuyapaipe, CA (1942)

GeoSearch

JOB #: 241534 - 06/08/2018

APPENDIX C

Physical Setting Maps

GeoSearch
On time. On target. In touch.™

GeoPlus Physical Setting Maps

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

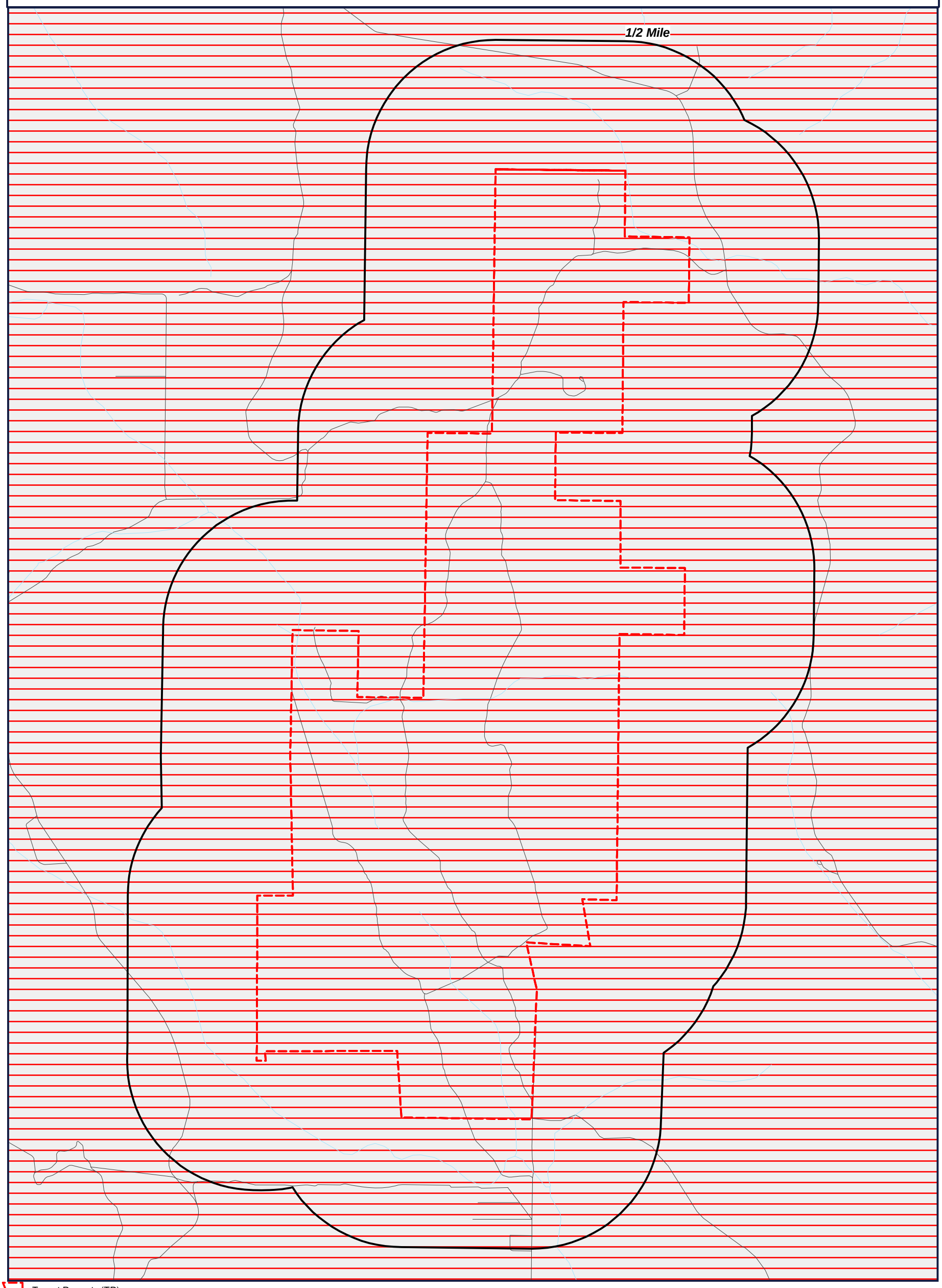
Coordinates
Area

USGS Quadrangle
Sombrero Peak, CA
Live Oak Springs, CA

Geographic Coverage Information

County/Parish: San Diego (CA)
ZipCode(s):
Boulevard CA: 91905

FEMA MAP



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

Letter of map revision date: 05/18/2018
Latest study effective date: 04/04/2018
Panel #: 06065C3350G

Torrey Wind Project
McCain Valley Rd
Boulevard, California
91905

N
W E
S

0' 1000' 2000' 3000'
SCALE: 1" = 2000'

GeoSearch www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967

JOB #: 241539 - 6/7/2018

FEMA Report

FEMA - Federal Emergency Management Agency

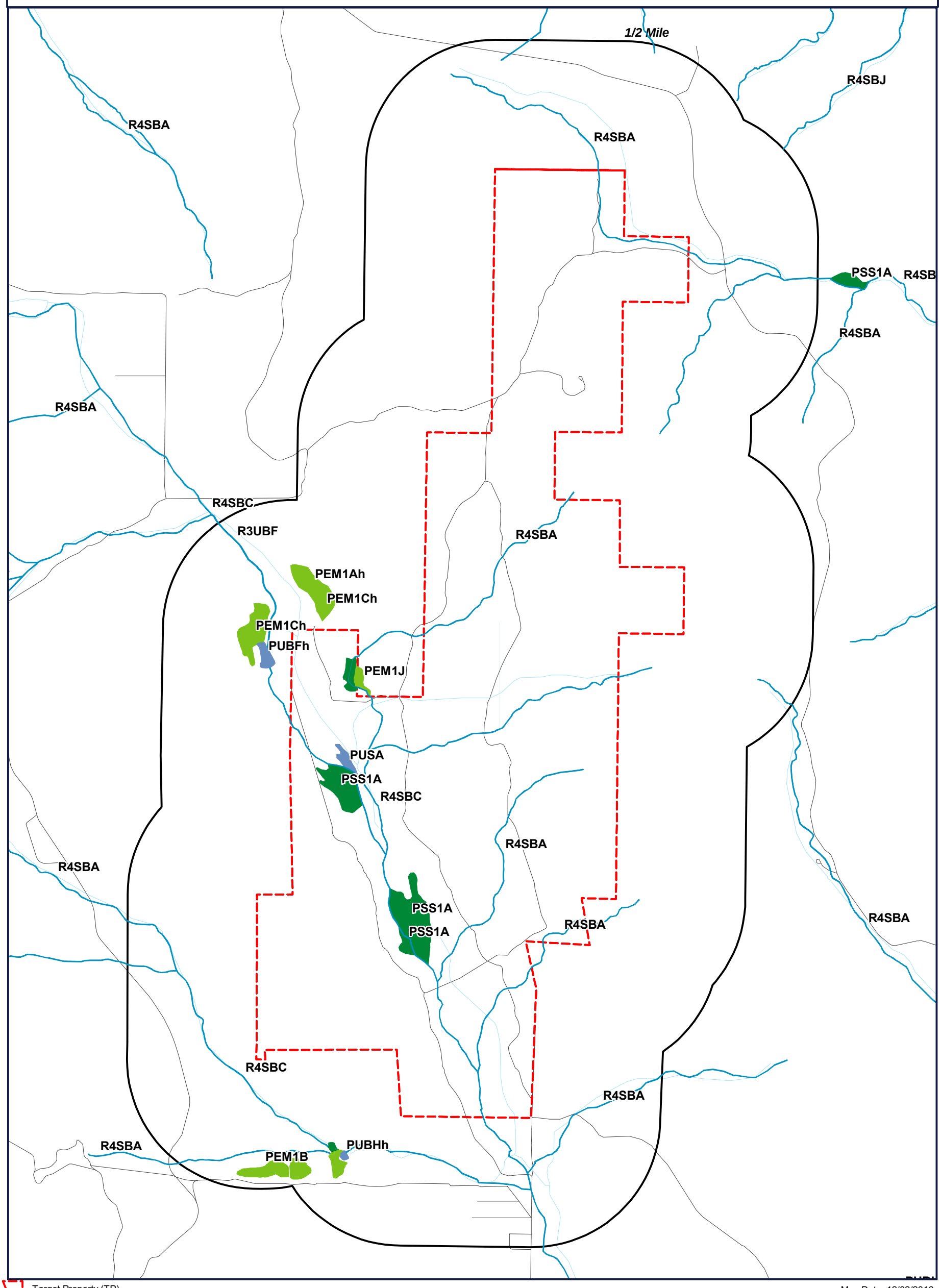
The National Flood Hazard Layer (NFHL) data used in this report is derived from the Federal Emergency Management Agency. The NFHL dataset is a compilation of effective Flood Insurance Rate Map (FIRM) databases (a collection of the digital data that are used in GIS systems for creating new Flood Insurance 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)

ESTUARINE AND MARINE DEEPWATER	
ESTUARINE AND MARINE WETLAND	LAKE
FRESHWATER EMERGENT WETLAND	OTHER
FRESHWATER FORESTED/ SHRUB WETLAND	RIVERINE
FRESHWATER POND	NDA - DIGITAL DATA NOT AVAILABLE

Torrey Wind Project
McCain Valley Rd
Boulevard, California
91905

Map Date: 12/02/2016

N
W E
S

0' 1000' 2000' 3000'

SCALE: 1" = 2000'

GeoSearch www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967

JOB #: 241539 - 6/7/2018

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: **INTERMITTENLY 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**

WATER REGIME: **SEASONALLY FLOODED**

SPECIAL MODIFIER: **DIKED/IMPOUNDED**

PSS1J

SYSTEM: **PALUSTRINE**

CLASS: **SCRUB-SHRUB**

SUBCLASS: **BROAD-LEAVED DECIDUOUS**

WATER REGIME: **INTERMITTENLY 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

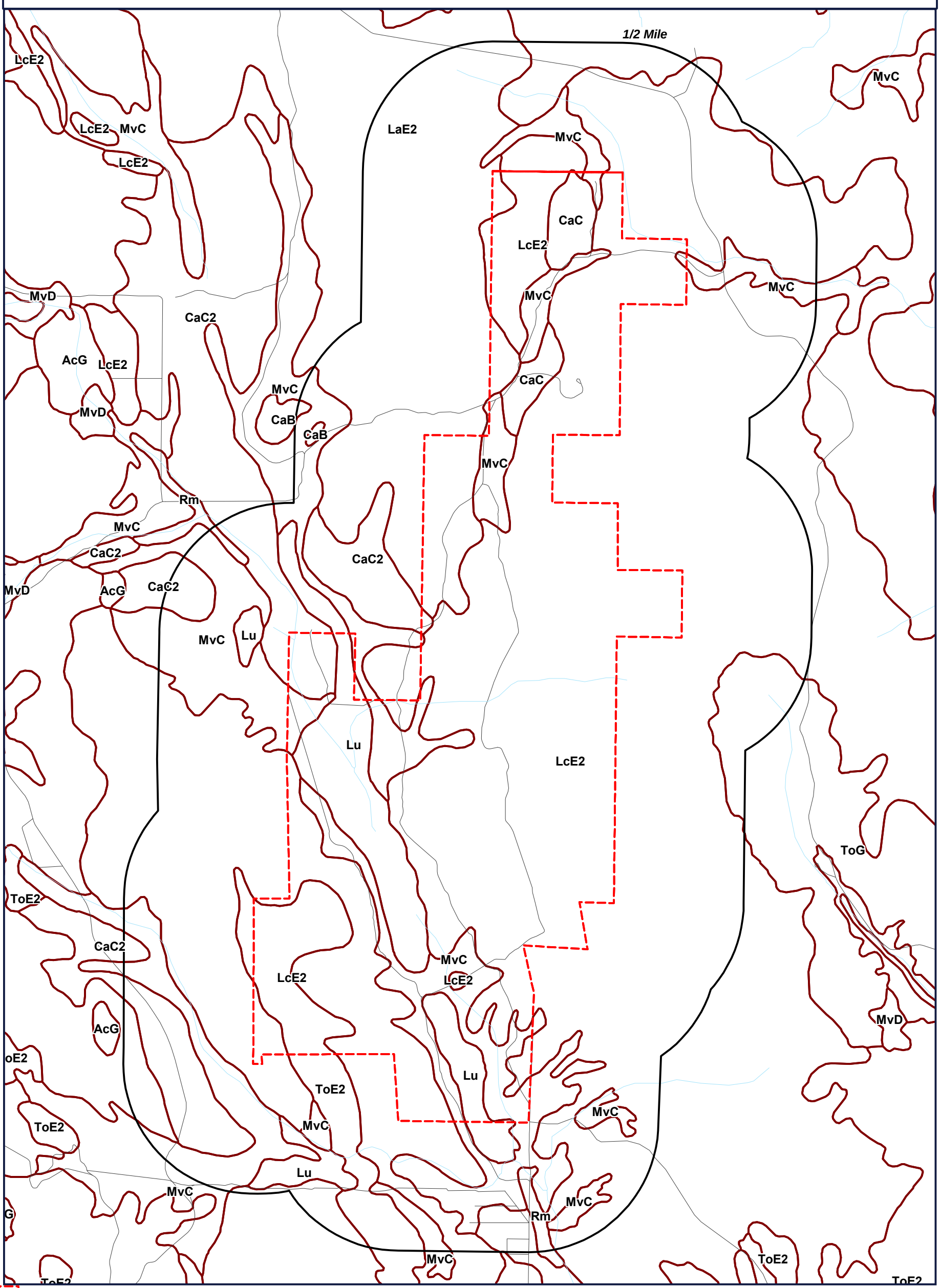
SYSTEM: **RIVERINE**

SUBSYSTEM: **INTERMITTENT**

CLASS: **STREAMBED**

WATER REGIME: **INTERMITTENLY 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

N
W E
S

0' 1000' 2000' 3000'

SCALE: 1" = 2000'

GeoSearch *www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967*

JOB #: 241539 - 6/7/2018

SOIL Report

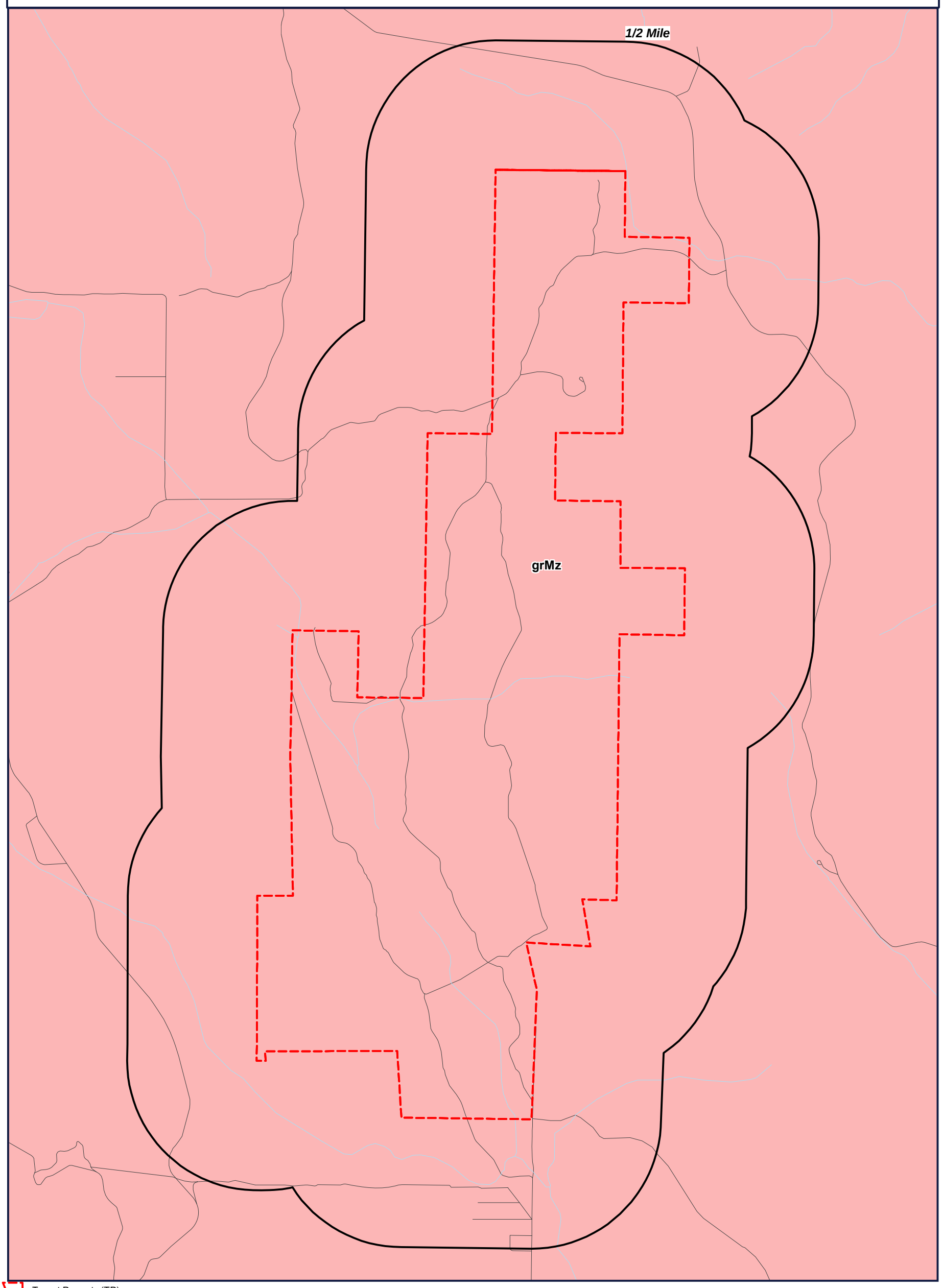
Soil Surveys

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

CaB	CALPINE COARSE SANDY LOAM, 2 TO 5 PERCENT SLOPES
CaC	CALPINE COARSE SANDY LOAM, 5 TO 9 PERCENT SLOPES
CaC2	CALPINE COARSE SANDY LOAM, 5 TO 9 PERCENT SLOPES, ERODED
LaE2	LA POSTA LOAMY COARSE SAND, 5 TO 30 PERCENT SLOPES, ERO DED
LcE2	LA POSTA ROCKY LOAMY COARSE SAND, 5 TO 30 PERCENT SLOPE S, ERODED
Lu	LOAMY ALLUVIAL LAND
MvC	MOTTSVILLE LOAMY COARSE SAND, 2 TO 9 PERCENT SLOPES
Rm	RIVERWASH
ToE2	TOLLHOUSE ROCKY COARSE SANDY LOAM, 5 TO 30 PERCENT SLOP ES, ERODED
ToG	TOLLHOUSE ROCKY COARSE SANDY LOAM, 30 TO 65 PERCENT SLO PES

GEOLOGY MAP



Target Property (TP)

Torrey Wind Project
McCain Valley Rd
Boulevard, California
91905

N
W E
S

0' 1000' 2000' 3000'

SCALE: 1" = 2000'

GeoSearch *www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967*

JOB #: 241539 - 6/7/2018

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

GeoSearch
On time. On target. In touch.™

GeoPlus Water Well Report

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

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
NWIS	0.5000	3	0	2	2	NS	NS	7
SUB-TOTAL		3	0	2	2	0	0	7

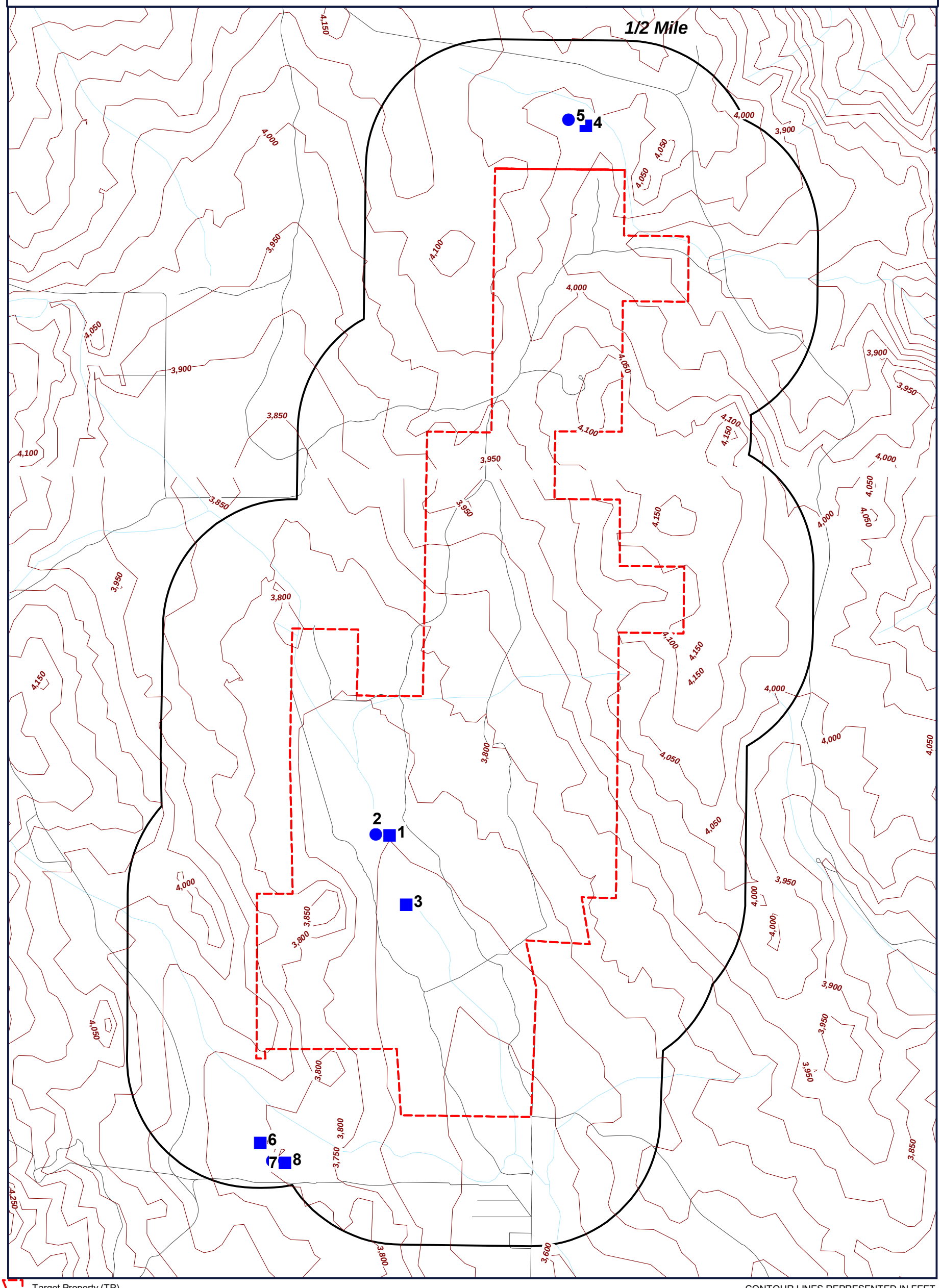
Database Radius Summary

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



Target Property (TP)
NWIS
DWRWELLS

Torrey Wind Project
McCain Valley Rd
Boulevard, California
91905

CONTOUR LINES REPRESENTED IN FEET

N
W E
S

0' 1000' 2000' 3000'
SCALE: 1" = 2000'

GeoSearch *www.geo-search.com - phone: 888-396-0042 - fax: 512-472-9967*

JOB #: 241536 - 6/7/2018

Located Sites Summary

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	PAGE #
1	NWIS	00072916	TP	016S007E31P001S		6
1	NWIS	00072922	TP	016S007E31P002S		8
2	DWRWELLS	0055798	TP		SAN DIEGO COUNTY, BOULEVARD, CA 91905	10
2	DWRWELLS	0055799	TP		SAN DIEGO COUNTY, BOULEVARD, CA 91905	11
3	NWIS	00072893	TP	017S007E06C001S		12
4	NWIS	00073163	0.168 mi. N (887 ft.)	016S007E20D002S		14
4	NWIS	00073164	0.187 mi. N (987 ft.)	016S007E20D001S		16
5	DWRWELLS	0055796	0.195 mi. N (1030 ft.)		SAN DIEGO COUNTY, BOULEVARD, CA 91905	18
5	DWRWELLS	0055797	0.195 mi. N (1030 ft.)		SAN DIEGO COUNTY, BOULEVARD, CA 91905	19
6	NWIS	00072733	0.328 mi. S (1732 ft.)	017S007E07D002S		20
7	DWRWELLS	0058347	0.395 mi. S (2086 ft.)		SAN DIEGO COUNTY, BOULEVARD, CA 91905	22
7	DWRWELLS	0058348	0.395 mi. S (2086 ft.)		SAN DIEGO COUNTY, BOULEVARD, CA 91905	23
8	NWIS	00072725	0.412 mi. SSE (2175 ft.)	017S007E07D001S		24

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**

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

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**

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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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**

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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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**

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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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**

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**

Back to Report Summary

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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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**

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**

Back to Report Summary

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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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**

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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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.

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

GeoSearch

On time. On target. In touch.™

GeoPlus Oil & Gas Report

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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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

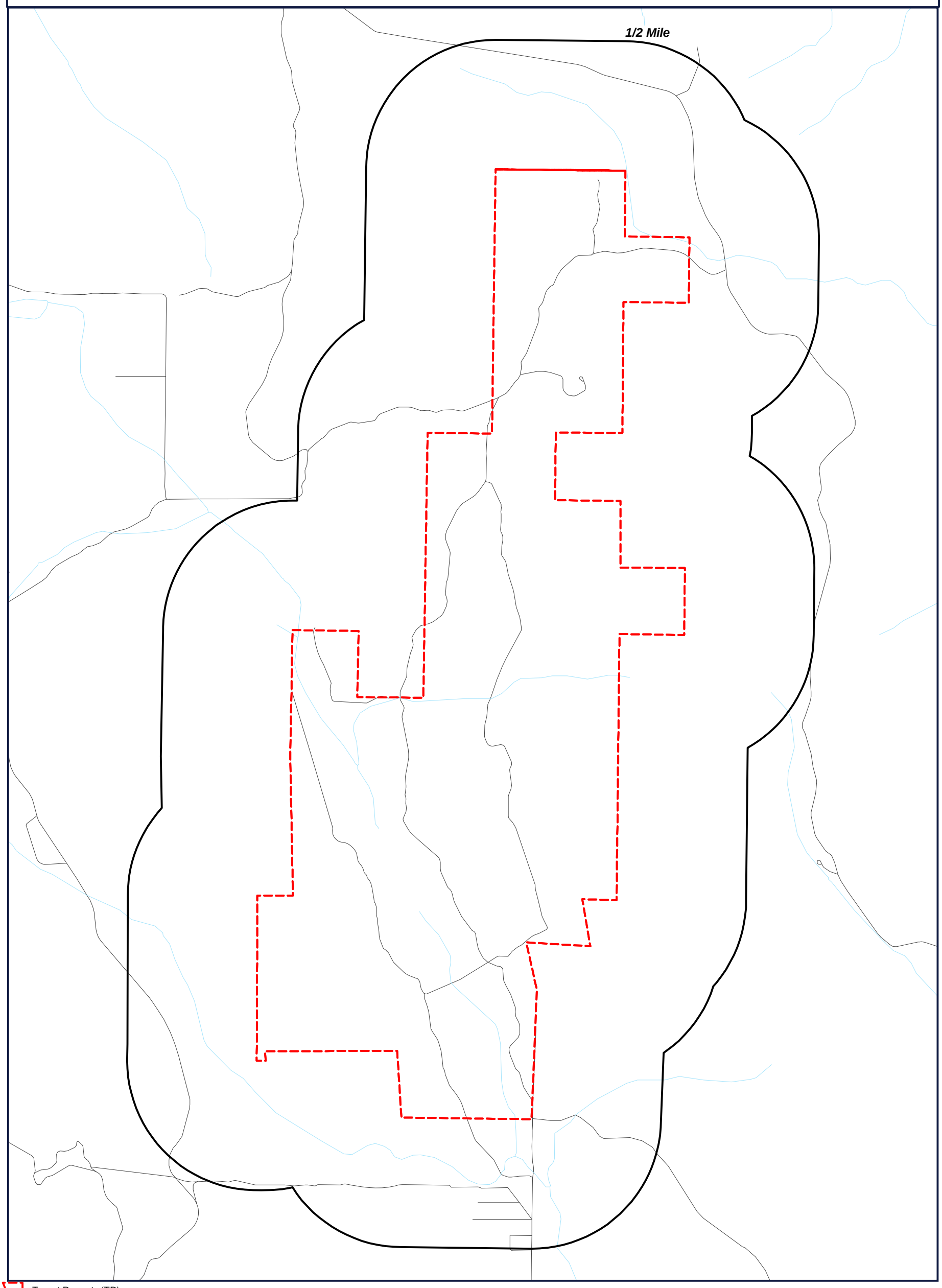
Database Radius Summary

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



Target Property (TP)

Well Location

Torrey Wind Project
McCain Valley Rd
Boulevard, California
91905

N
W E
S

0' 1000' 2000' 3000'

SCALE: 1" = 2000'

GeoSearch *www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967*

JOB #: 241537 - 6/7/2018

Located Sites Summary

No Records Found.

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).

Gasoline Station	☐ Yes	☒ No
Printing Facility	☐ Yes	☒ No
Metal Plating Manufacturing	☐ Yes	☒ No
Landfill	☐ Yes	☒ No
Motor Repair Facility	☐ Yes	☒ No
Dry Cleaners	☐ Yes	☒ No
Junkyard	☐ Yes	☒ No
Waste Treatment	☐ Yes	☒ No
Storage, Disposal, or Recycling Facility	☐ Yes	☒ 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.

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

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

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

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	☐ Yes ☐ No ☒ Unknown
Environmental Compliance Audits	☐ Yes ☒ No ☐ Unknown
Environmental Permits	☐ Yes ☒ No ☐ Unknown
Underground or Aboveground Tank Registrations	☐ Yes ☒ No ☐ Unknown
Underground Injection System Registrations	☐ Yes ☒ No ☐ Unknown
Safety Data Sheets	☐ Yes ☒ No ☐ Unknown
Community Right-to-Know Plan	☐ Yes ☒ No ☐ Unknown
Spill Prevention, Control, and Countermeasure Plan	☐ Yes ☒ No ☐ Unknown
Groundwater Monitoring or Soil Sampling Reports	☐ Yes ☒ No ☐ Unknown
Hazardous Waste Generator Reports	☐ Yes ☒ No ☐ Unknown
Geotechnical Reports	☐ Yes ☒ No ☐ Unknown
Risk Assessment Reports	☐ Yes ☒ No ☐ 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 relavent 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 Gabuych
Signature

6-6-18
Date

Eugene Gabuych
Name (Printed)

☒ Owner ☐ Occupant ☐ Owner Representative

Property Address: _____

ASTM 1527-13

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).

Gasoline Station	☐ Yes	☒ No
Printing Facility	☐ Yes	☒ No
Metal Plating Manufacturing	☐ Yes	☒ No
Landfill	☐ Yes	☒ No
Motor Repair Facility	☐ Yes	☒ No
Dry Cleaners	☐ Yes	☒ No
Junkyard	☐ Yes	☒ No
Waste Treatment	☐ Yes	☒ No
Storage, Disposal, or Recycling Facility	☐ Yes	☒ 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.

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

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

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

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	☐ Yes ☐ No ☒ Unknown
Environmental Compliance Audits	☐ Yes ☐ No ☒ Unknown
Environmental Permits	☐ Yes ☐ No ☒ Unknown
Underground or Aboveground Tank Registrations	☐ Yes ☐ No ☒ Unknown
Underground Injection System Registrations	☐ Yes ☐ No ☒ Unknown
Safety Data Sheets	☐ Yes ☐ No ☒ Unknown
Community Right-to-Know Plan	☐ Yes ☐ No ☒ Unknown
Spill Prevention, Control, and Countermeasure Plan	☐ Yes ☐ No ☒ Unknown
Groundwater Monitoring or Soil Sampling Reports	☐ Yes ☐ No ☒ Unknown
Hazardous Waste Generator Reports	☐ Yes ☐ No ☒ Unknown
Geotechnical Reports	☐ Yes ☐ No ☒ Unknown
Risk Assessment Reports	☐ Yes ☐ No ☒ 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 relavent to hazardous substances or petroleum products associated with the Property?

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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

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

Ken Wagner
Signature

6-11-18
Date

Ken Wagner
Name (Printed)

☐ Owner ☒ Occupant ☐ Owner Representative

Property Address: _____

_____

APPENDIX G

Regulatory Agency Records

Matthew Rodriquez
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

wa9

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
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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

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

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.

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

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

RECEIVED
JUN 01 2018
ENVIRONMENTAL HEALTH

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

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. Fax or email your completed form to the Public Records Program at (858) 505-6848 or 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:

- [X] Contaminated Property Investigation(s) (SAM Cases)
- [X] SAM Closure Letter/Report
- [X] Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- [ ] Other (specify):_____
- [X] 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.
  #_____ #_____ #_____ #_____ #_____
- [X] No SAM/HMD/UST records were found / purged for the address/APN you requested.

EC 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.

RECEIVED
JUN 01 2018
ENVIRONMENTAL HEALTH

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

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. Fax or email your completed form to the Public Records Program at (858) 505-6848 or 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:

- [X] Contaminated Property Investigation(s) (SAM Cases)
- [X] Monitoring Well Files
- [X] SAM Closure Letter/Report
- [X] 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.
  #_____ #_____ #_____ #_____ #_____
- [X] No SAM/HMD/UST records were found / purged for the address/APN you requested.

ECA
Signature - DEH Representative

6/6/18
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.

RECEIVED
JUN 01 2018
ENVIRONMENTAL HEALTH

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

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. Fax or email your completed form to the Public Records Program at (858) 505-6848 or 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:

- [X] Contaminated Property Investigation(s) (SAM Cases)
- [X] Monitoring Well Files
- [X] SAM Closure Letter/Report
- [X] 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.
  #_____ #_____ #_____ #_____ #_____
- [X] 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.

RECEIVED
JUN 01 2018
ENVIRONMENTAL HEALTH

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

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. Fax or email your completed form to the Public Records Program at (858) 505-6848 or 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:

- [X] Contaminated Property Investigation(s) (SAM Cases)
- [X] Monitoring Well Files
- [X] SAM Closure Letter/Report
- [X] 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.
  #_____ #_____ #_____ #_____ #_____
- [X] No SAM/HMD/UST records were found / purged for the address/APN you requested.

ECA
Signature - DEH Representative

6/8/18
Date

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ENVIRONMENTAL HEALTH

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

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. Fax or email your completed form to the Public Records Program at (858) 505-6848 or 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:

- [X] Contaminated Property Investigation(s) (SAM Cases)
- [X] Monitoring Well Files
- [X] SAM Closure Letter/Report
- [X] Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
- [ ] Other (specify):_____

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Request # 06-008

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PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

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Phone: (805-308-8537 **FAX:** ( )

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Exact Address (Street, City and Zip Code) Assessor Parcel Number

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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
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_____ 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:

- [X] Contaminated Property Investigation(s) (SAM Cases)
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Request # 06-010

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(858) 505-6700 FAX (858) 505-6848
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PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

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Phone: (805-308-8537 **FAX:** ( )

Company Name: Dudek

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- [X] Contaminated Property Investigation(s) (SAM Cases)
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PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

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Phone: (805-308-8537 **FAX:** ( )

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_____ or 529-130-01
Exact Address (Street, City and Zip Code) Assessor Parcel Number

Optional information (establishment permit number, business name, etc.):

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- [X] Contaminated Property Investigation(s) (SAM Cases)
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PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

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_____ or 611-010-01
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PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

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Request # 06-015

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ECA — 6/8/19

Signature - DEH Representative Date

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APPENDIX H

Site Photographs



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.



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.



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.



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.



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.



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.



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.



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.



Photo 18. Rusted, empty appliance near the gate entrance.



Photo 19. Tires and occasionally scrap metal can be found intermittently across the Subject Property.



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.



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.



Photo 24. Larger motor next to well.



Photo 25. Groundwater well covered in vegetation with AST in the background.





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.



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.



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.





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.



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





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.





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.



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

Historical Aerial Photographs

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

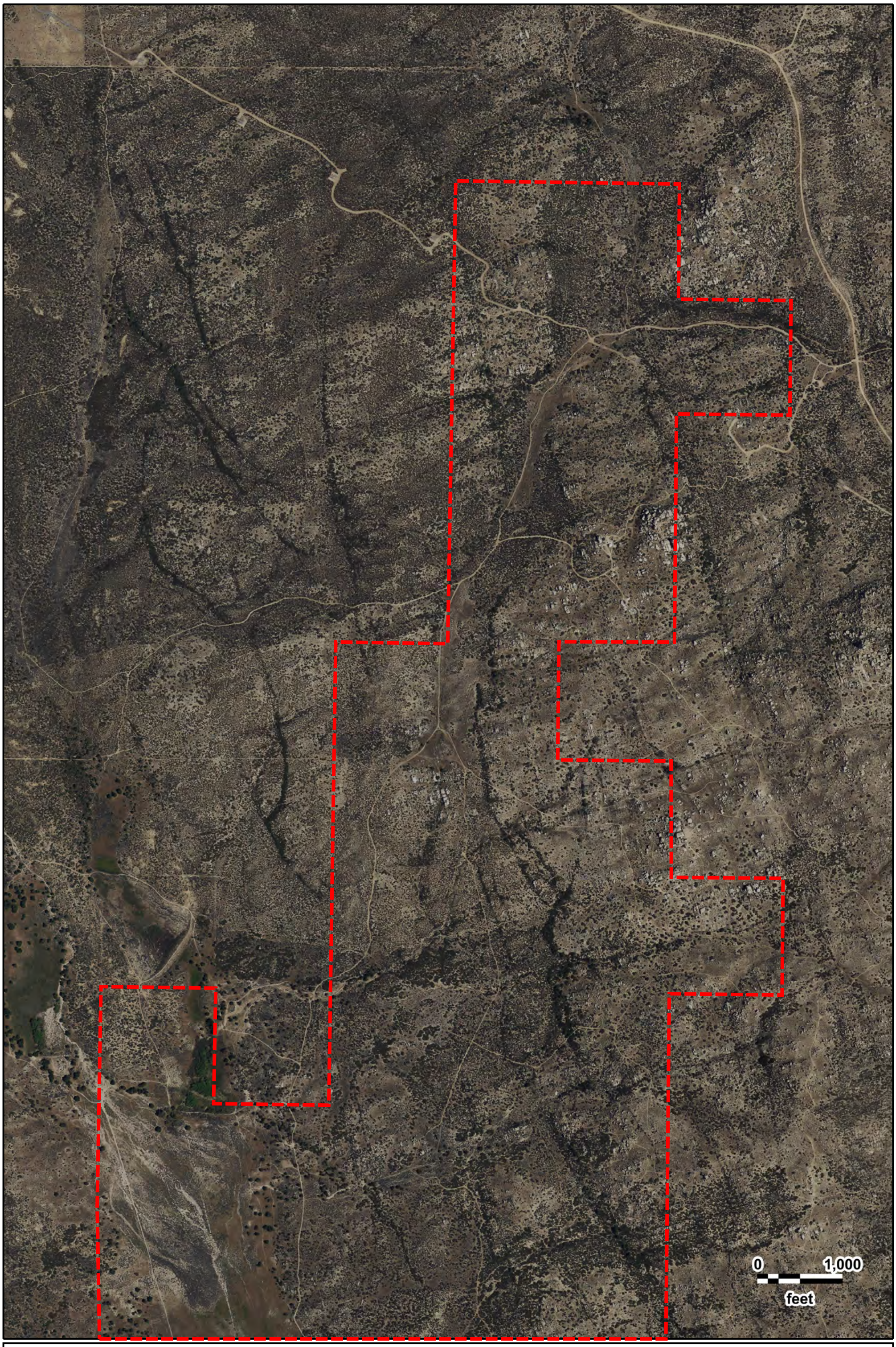
USGS Quadrangle: ***Sombrero Peak, Live Oak Springs***
Target Property Geometry: ***Area***

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

Aerial Research Summary

Date	Source	Scale	Frame
2016	USDA	1" = 1000'	N/A
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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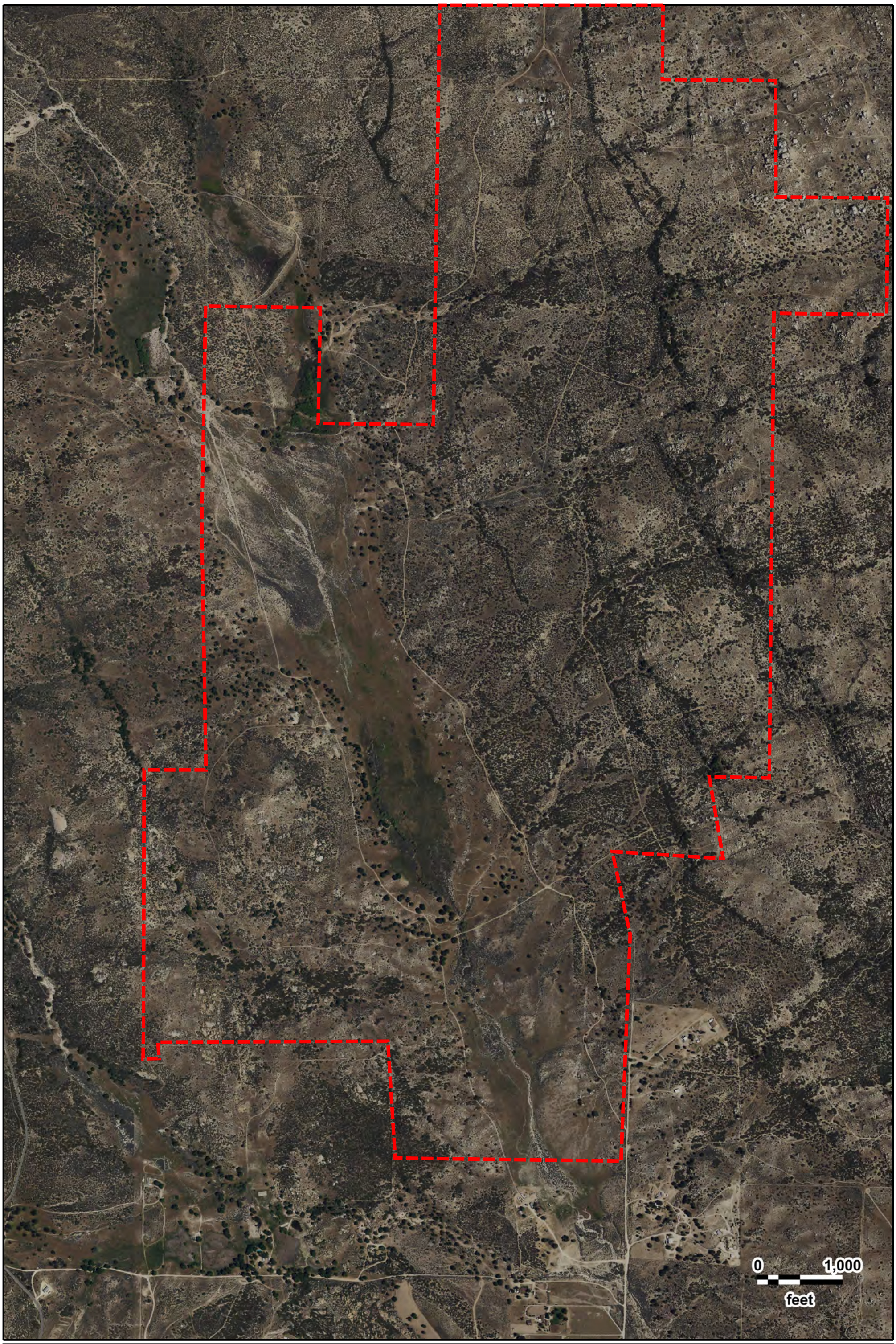


N
W E
S

Torrey Wind Project
USDA
2016

GeoSearch

JOB #: 241535 - 06/11/2018



N
W E
S

Torrey Wind Project
USDA
2016

GeoSearch

JOB #: 241535 - 06/11/2018

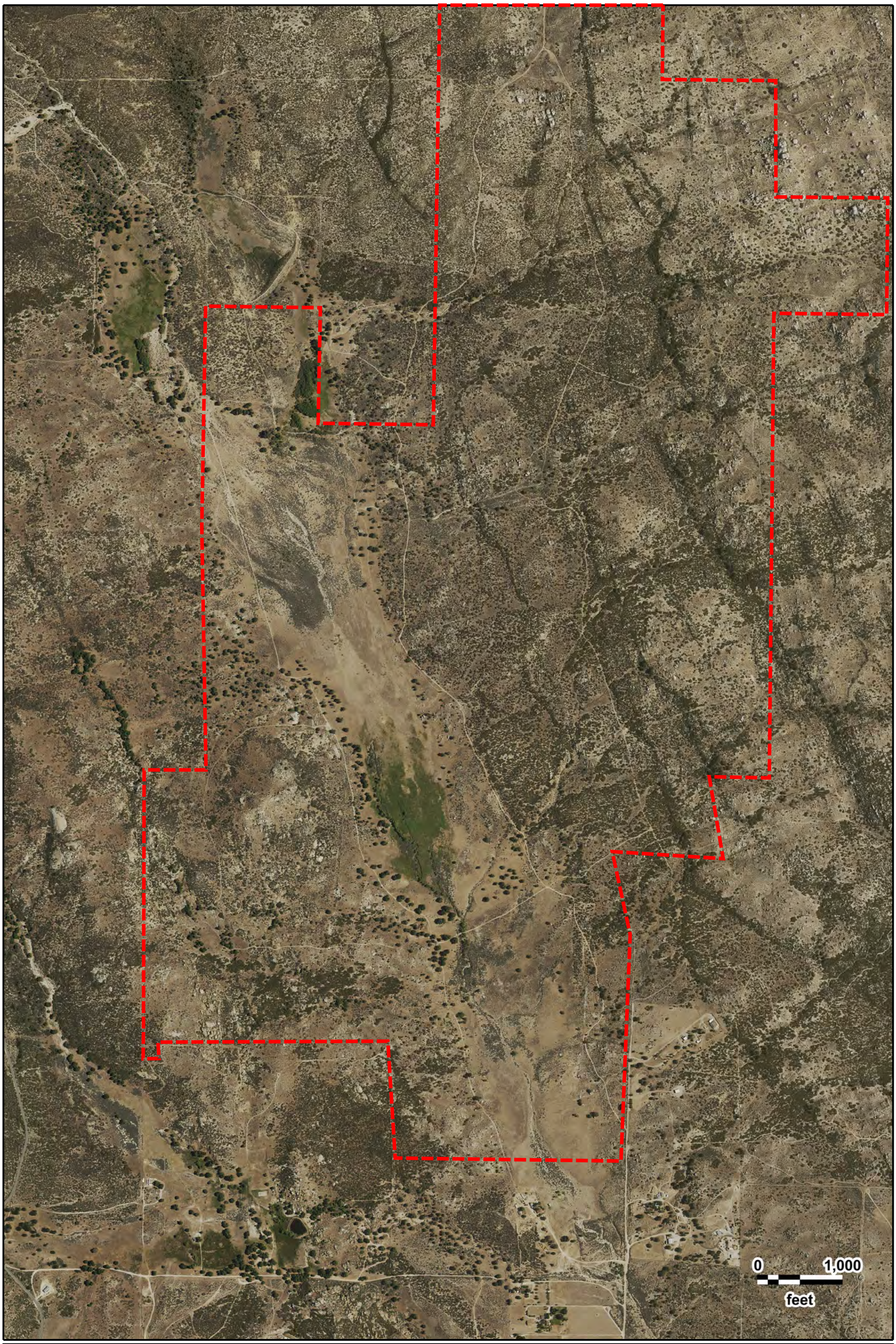


N
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Torrey Wind Project
USDA
2014

GeoSearch

JOB #: 241535 - 06/11/2018

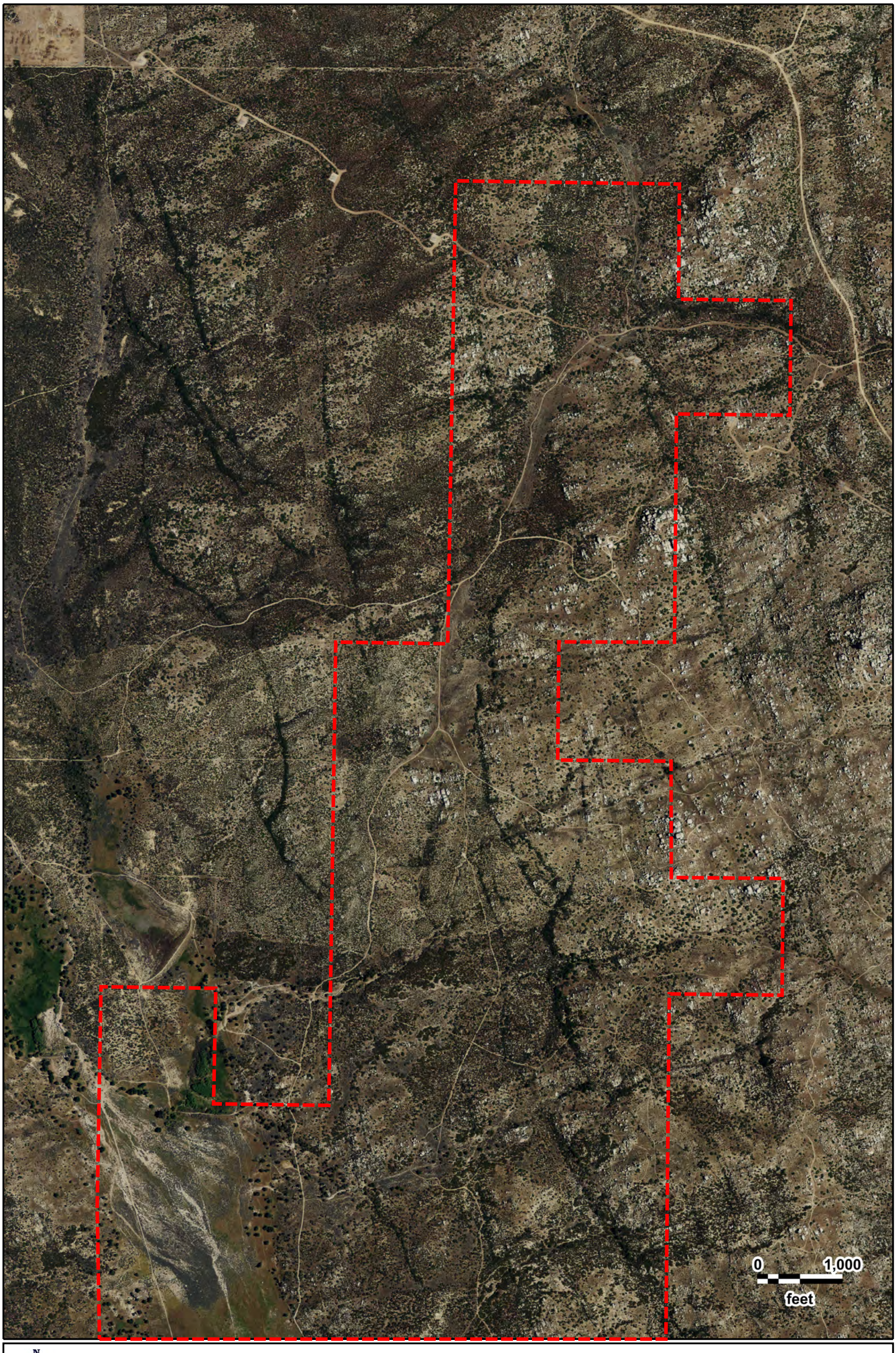


N
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Torrey Wind Project
USDA
2014

GeoSearch

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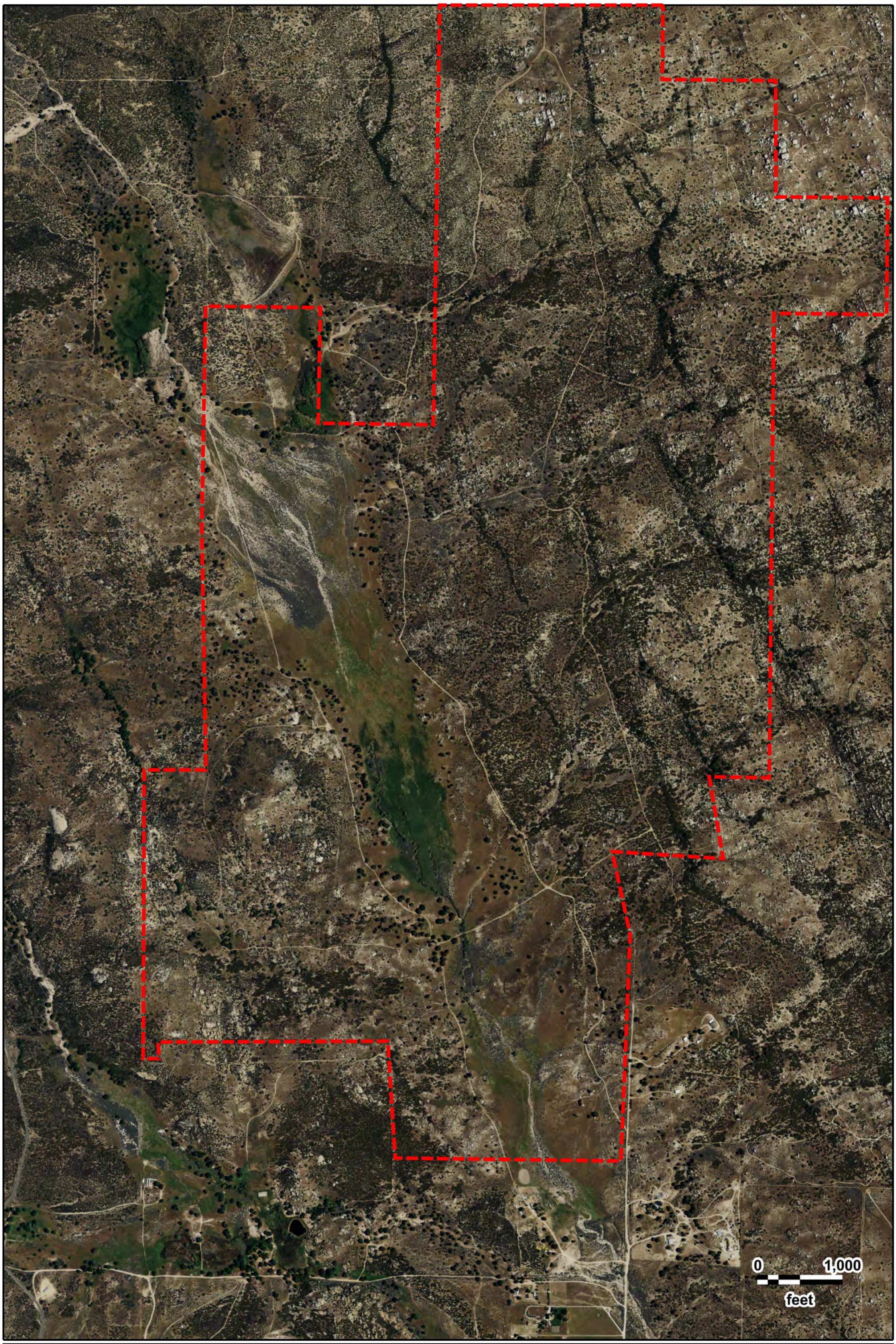


N
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Torrey Wind Project
USDA
2012

GeoSearch

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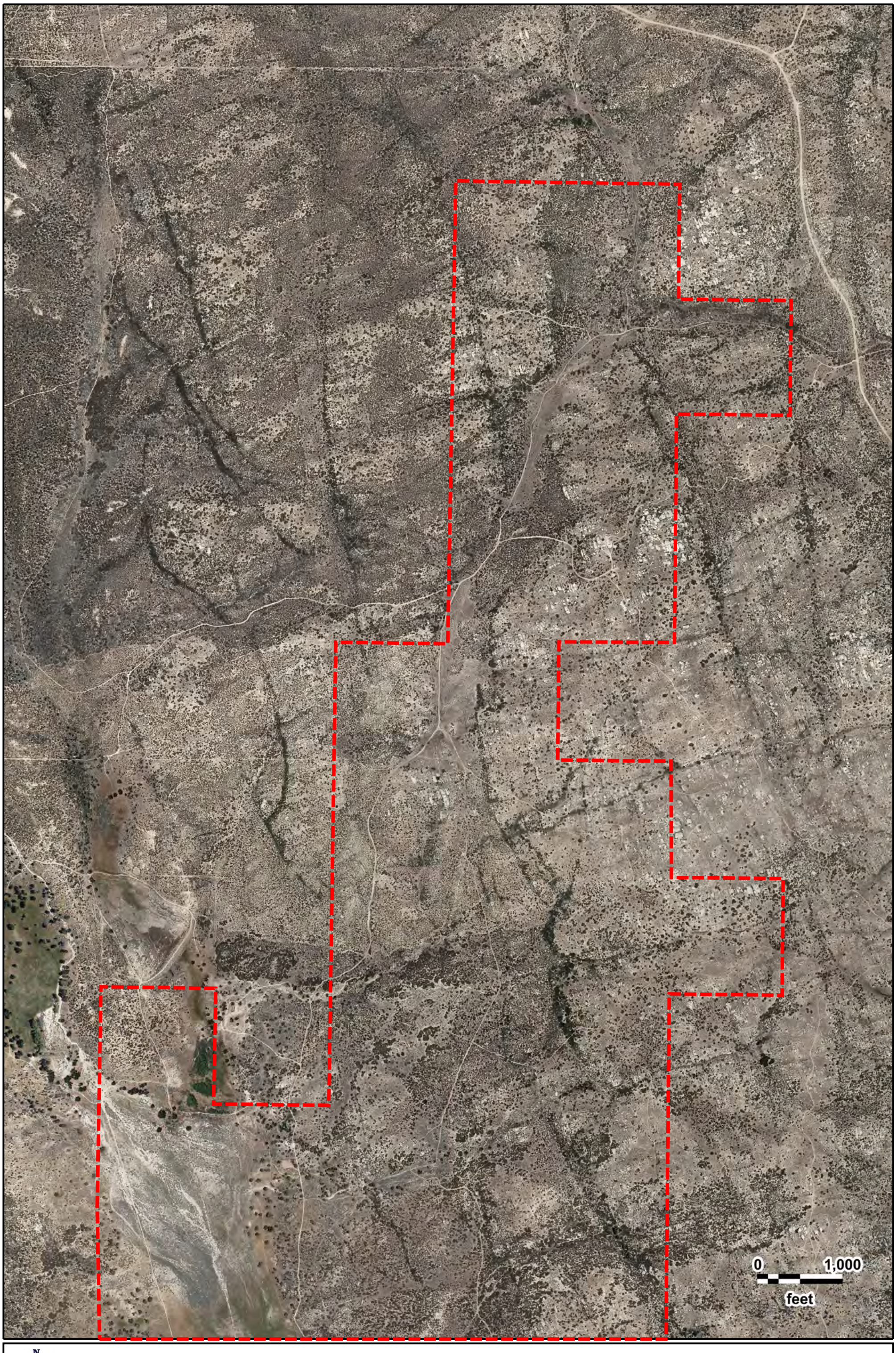


N
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Torrey Wind Project
USDA
2012

GeoSearch

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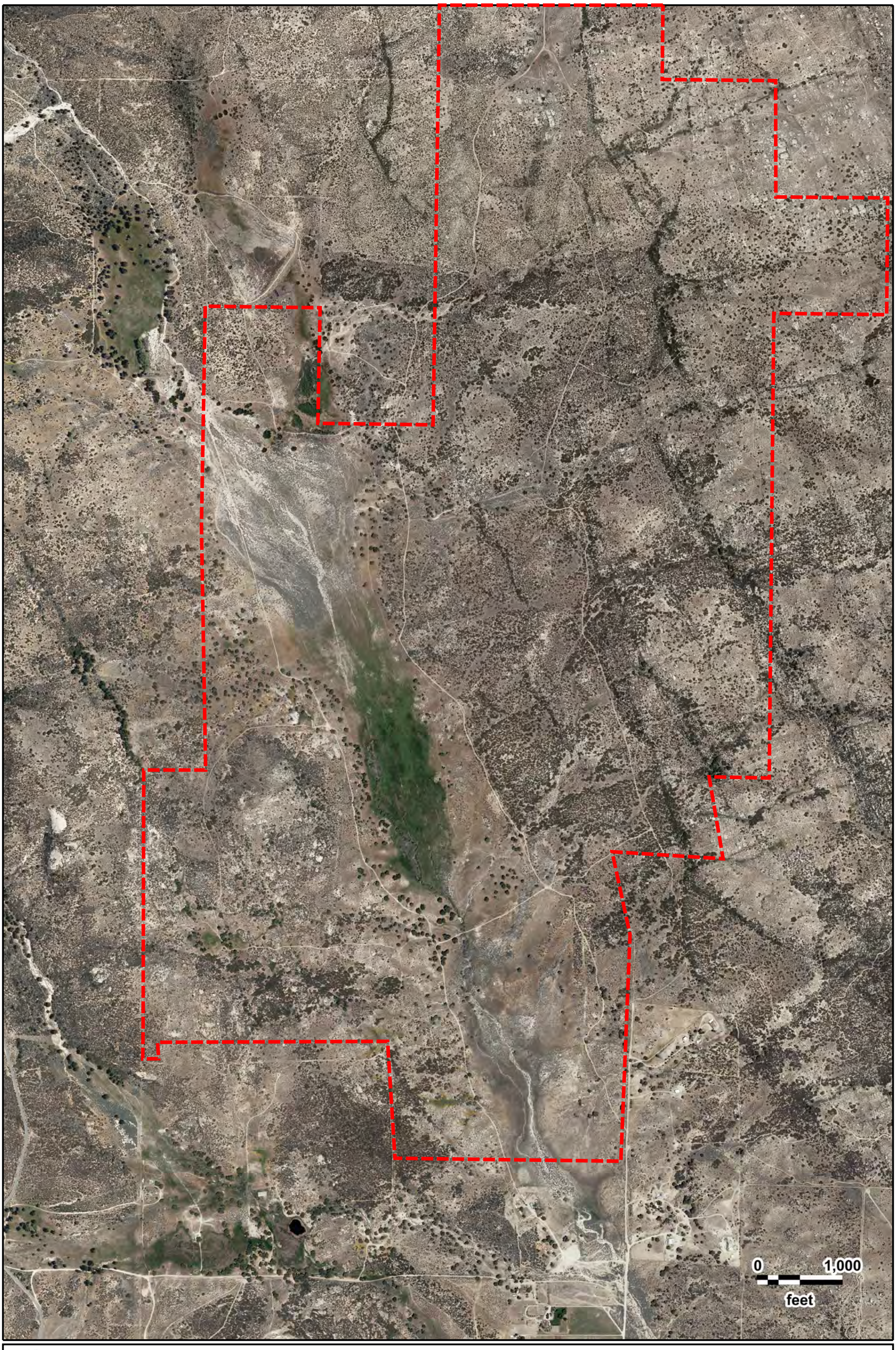


N
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Torrey Wind Project
USDA
2010

GeoSearch

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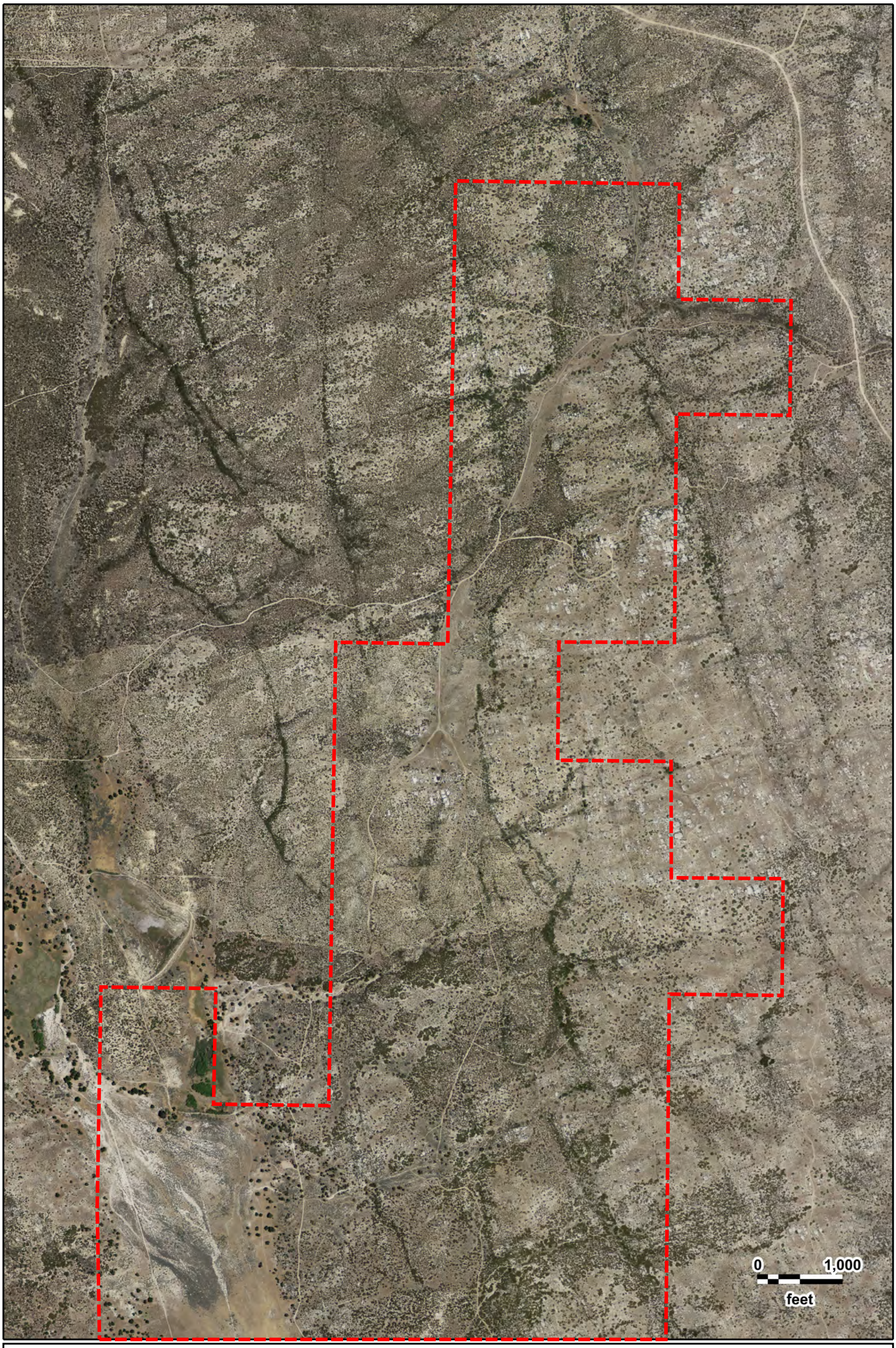


N
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Torrey Wind Project
USDA
2010

GeoSearch

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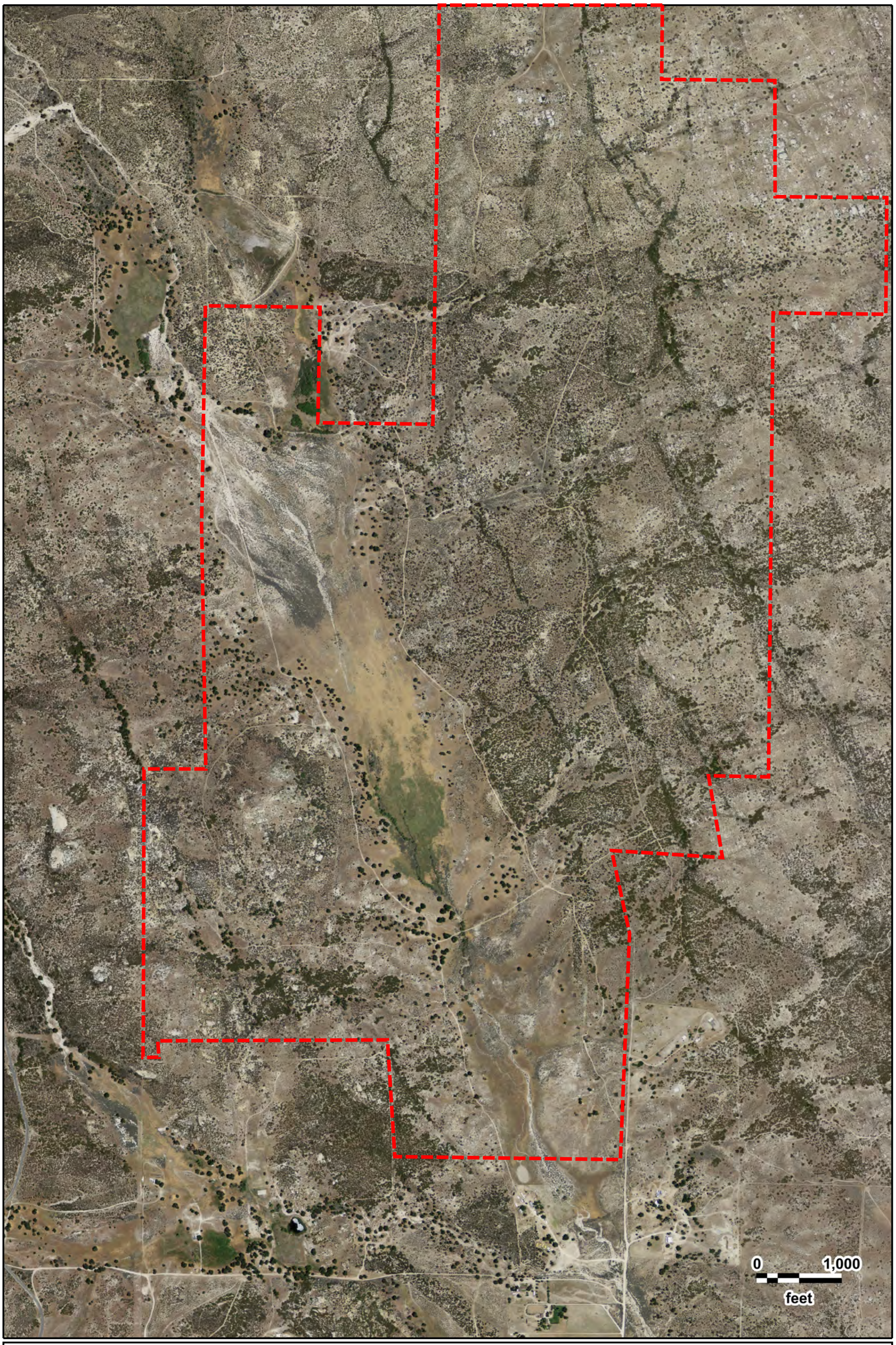


N
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Torrey Wind Project
USDA
2009

GeoSearch

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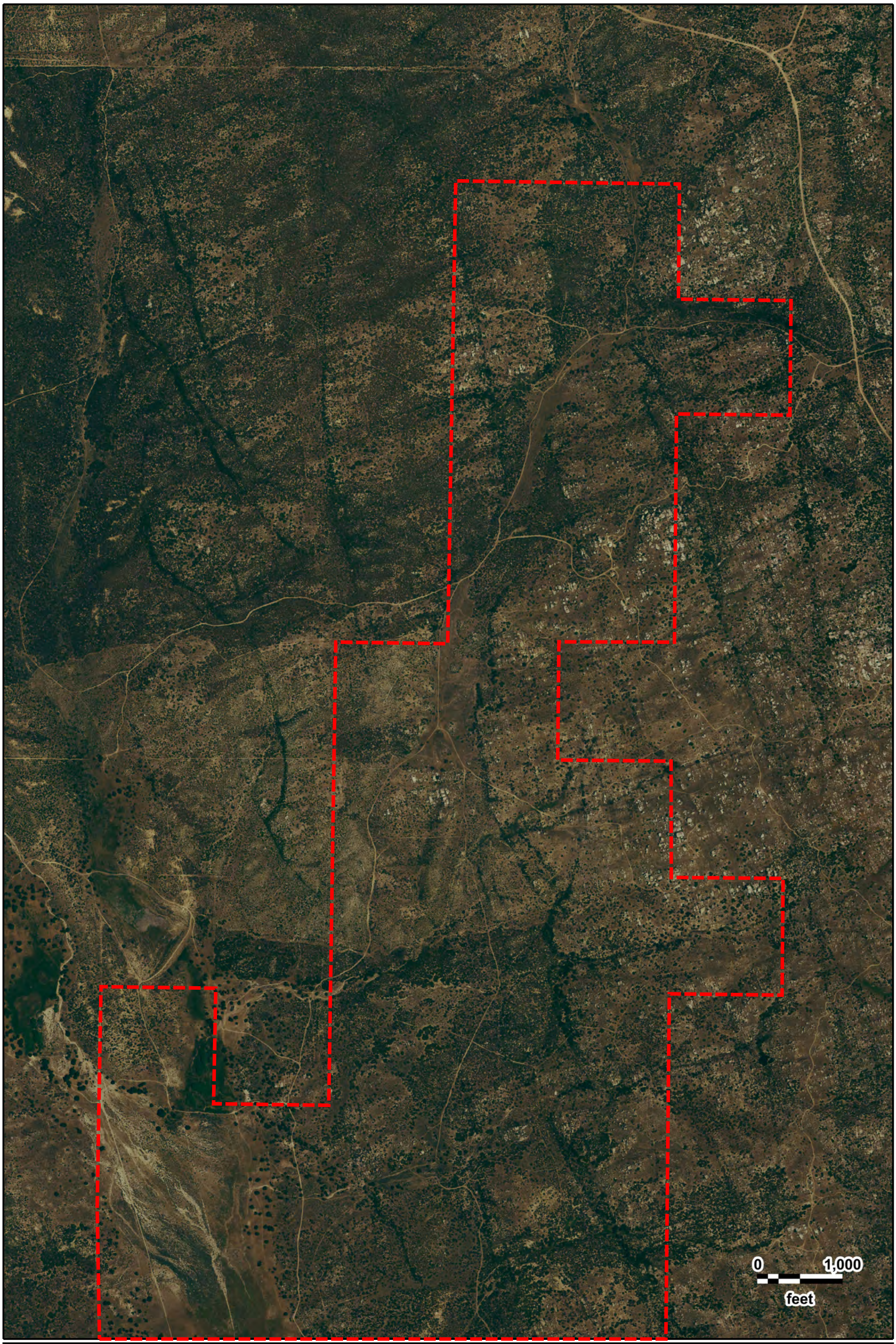


N
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Torrey Wind Project
USDA
2009

GeoSearch

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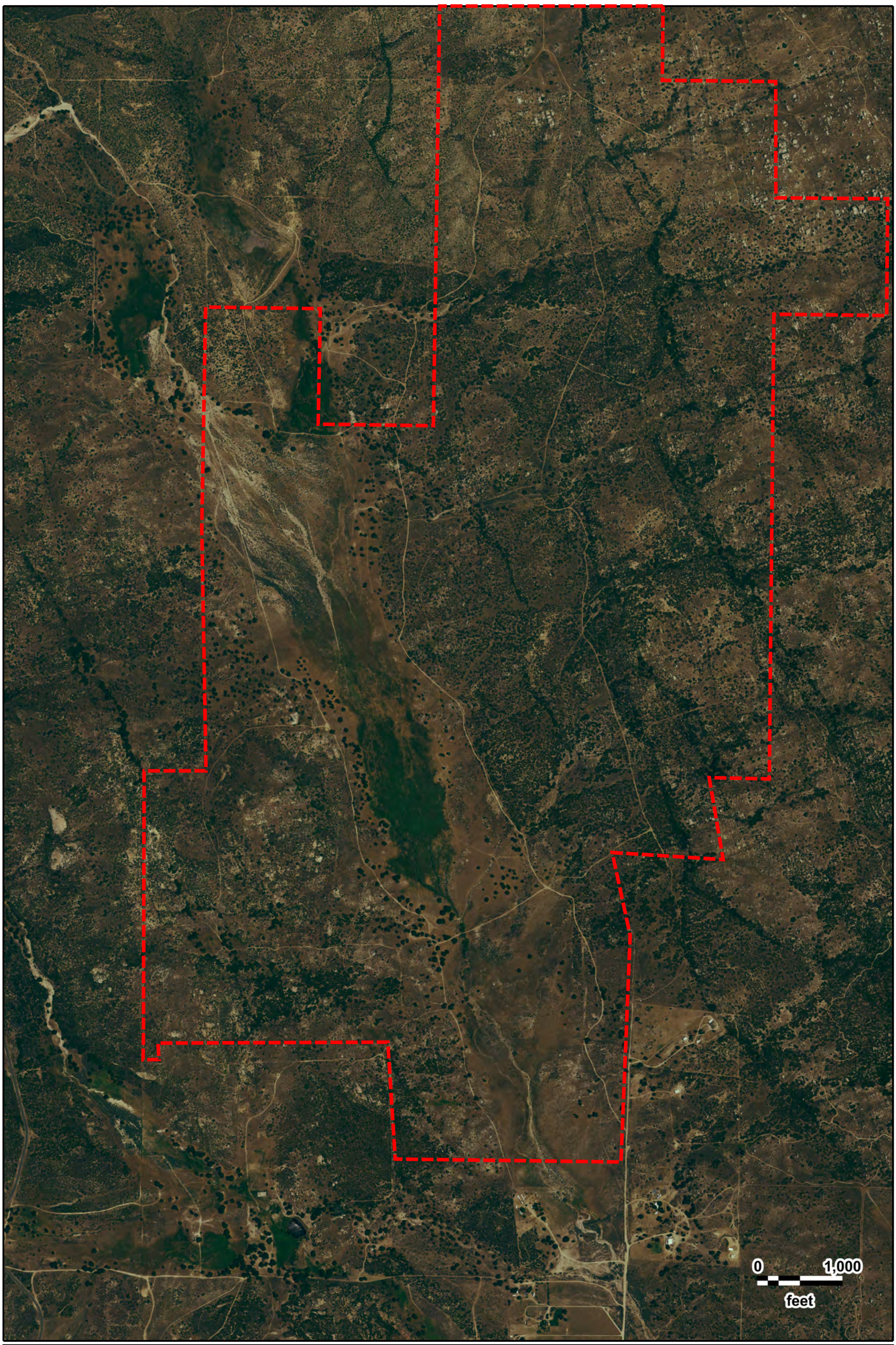


N
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Torrey Wind Project
USDA
2005

GeoSearch

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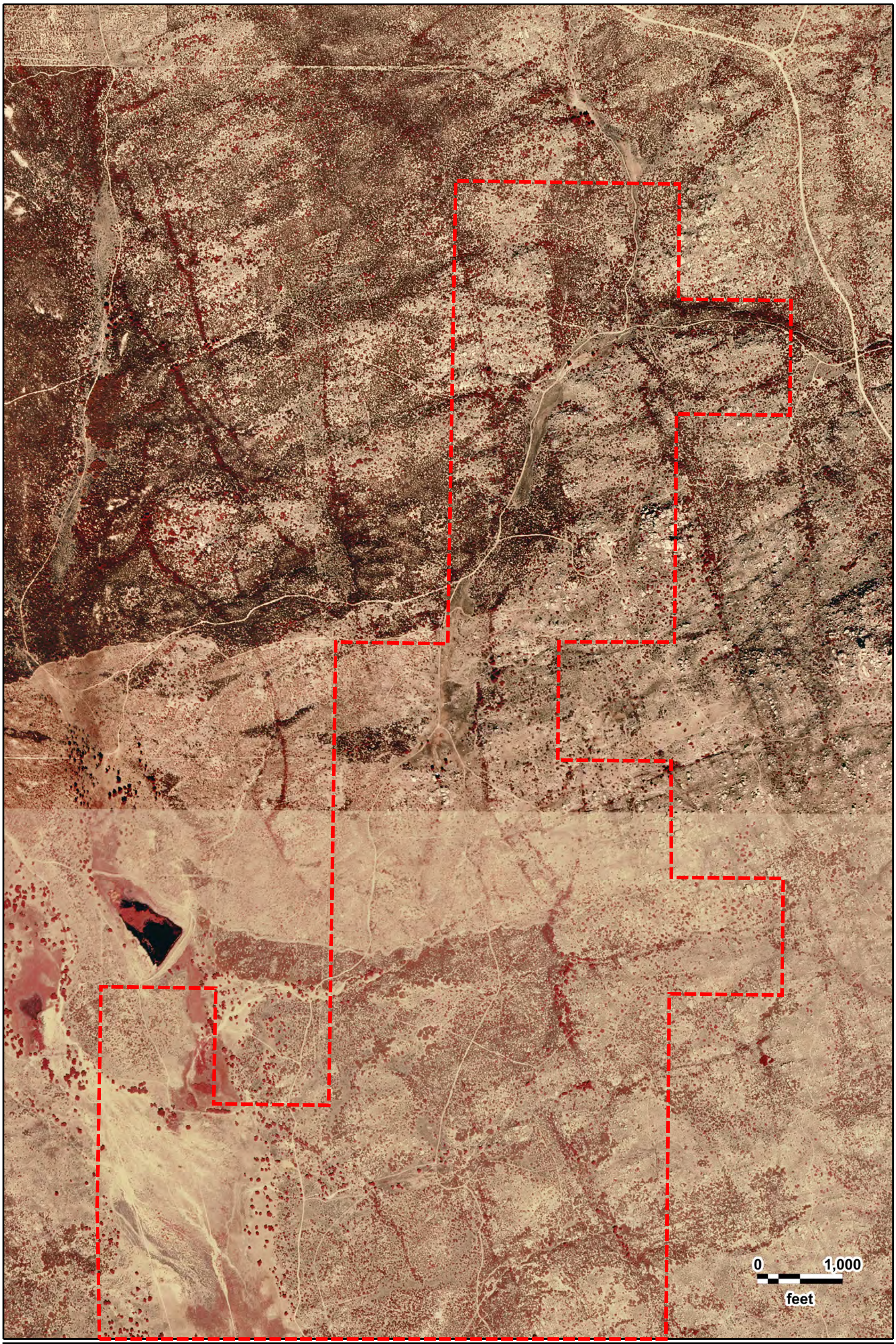


N
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Torrey Wind Project
USDA
2005

GeoSearch

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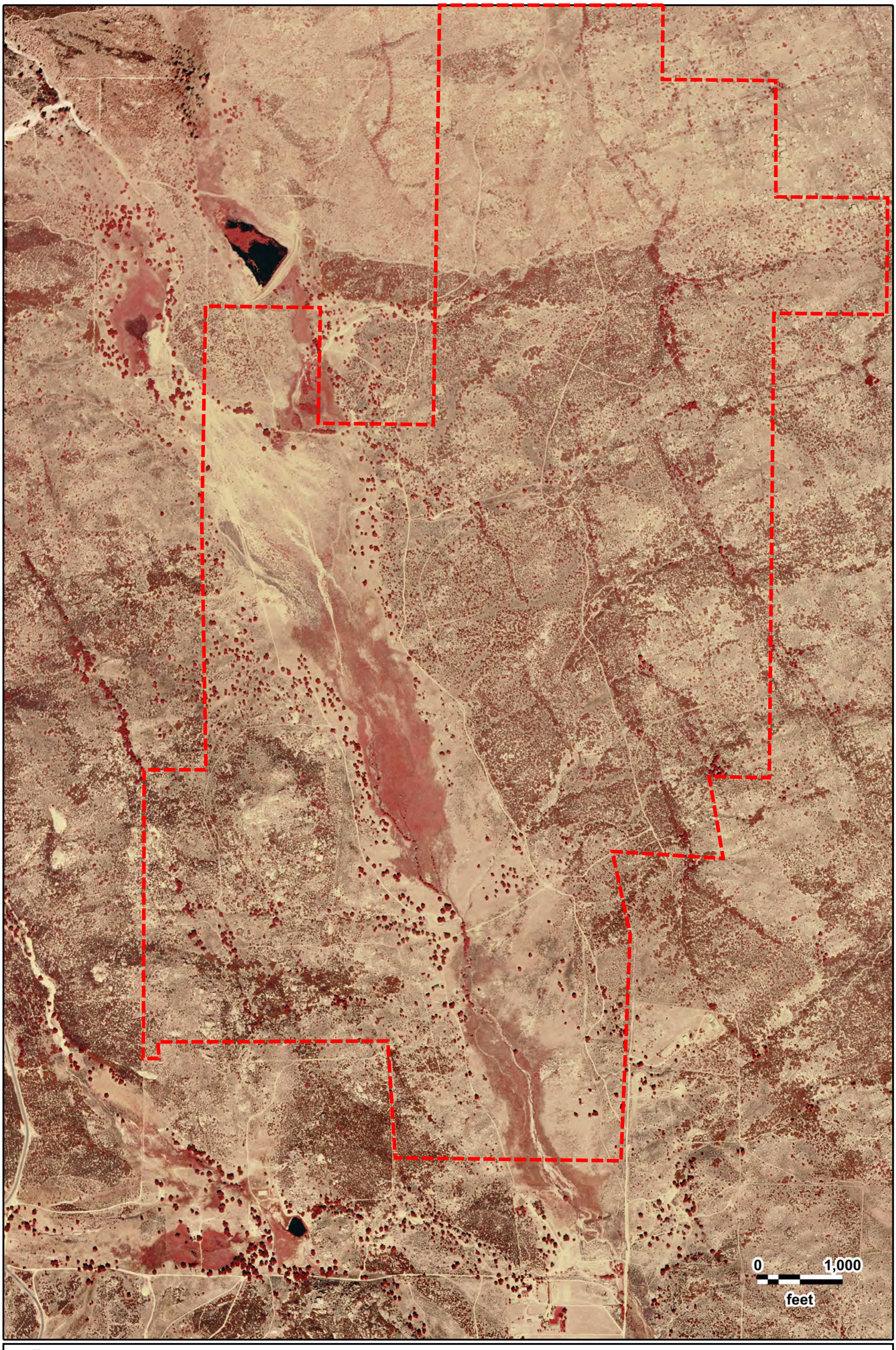


N
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Torrey Wind Project
USGS
09/26/1996

GeoSearch

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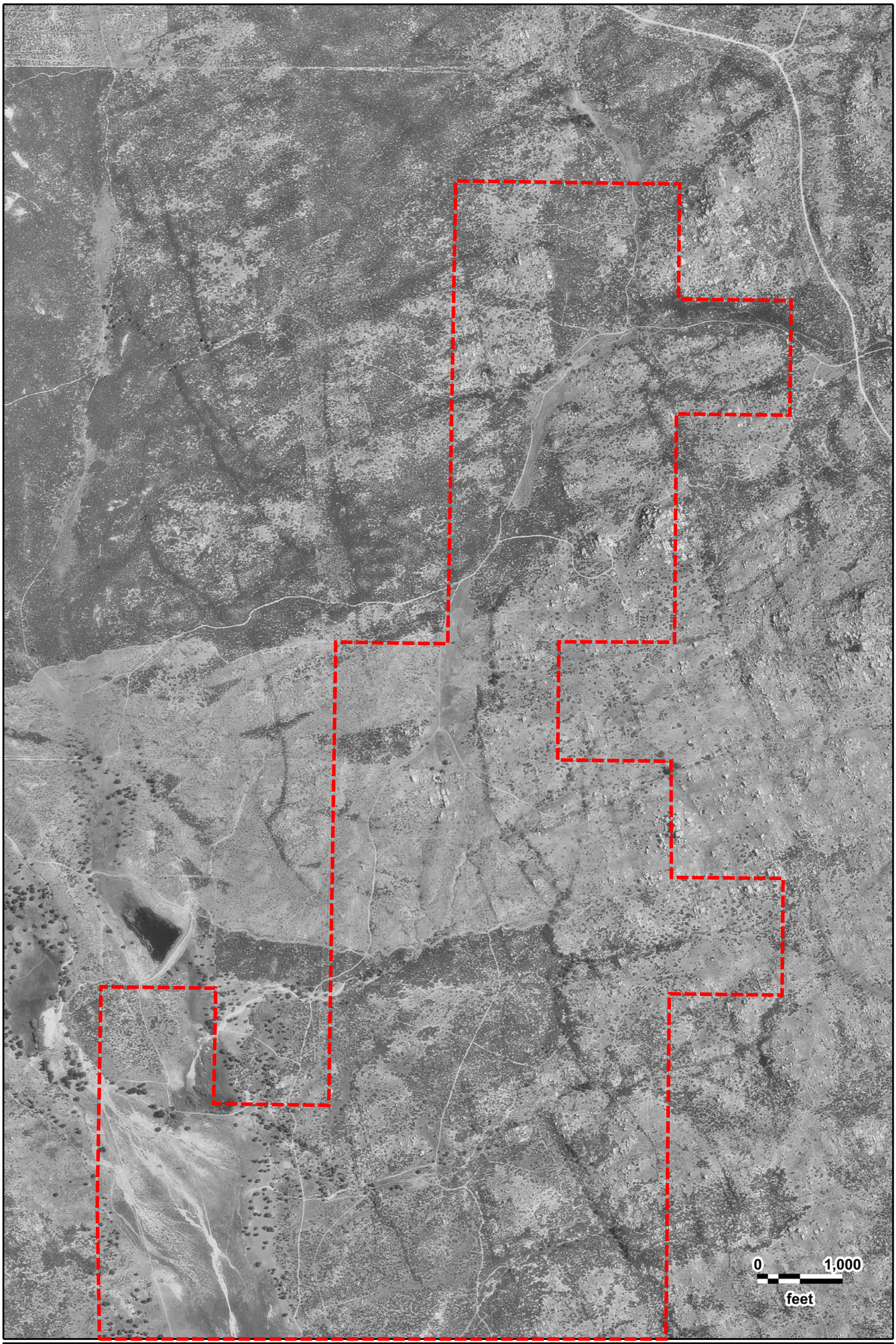


N
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Torrey Wind Project
USGS
09/26/1996

GeoSearch

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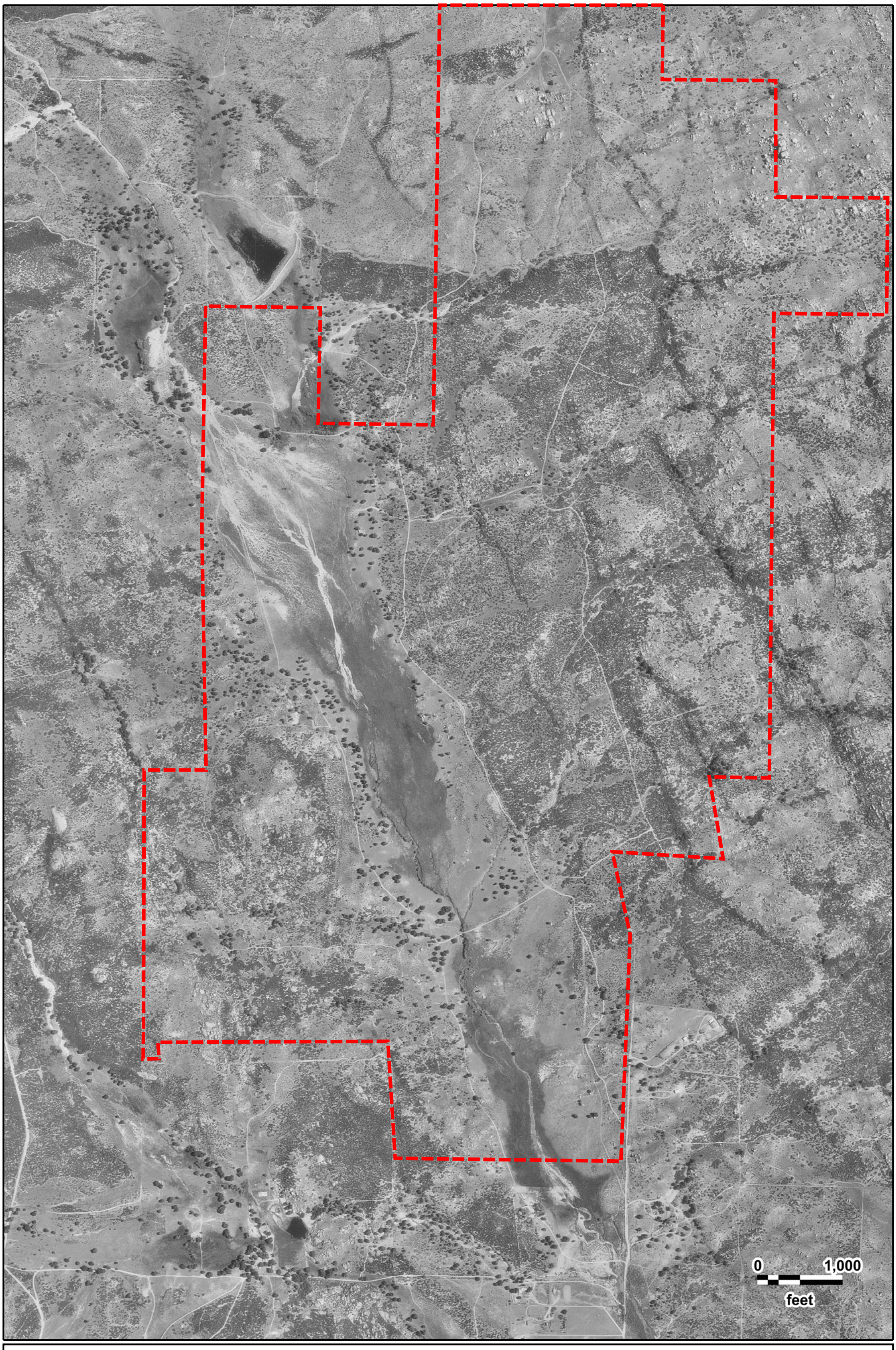


N
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Torrey Wind Project
USGS
05/24/1994

GeoSearch

JOB #: 241535 - 06/11/2018



N
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Torrey Wind Project
USGS
05/24/1994

GeoSearch

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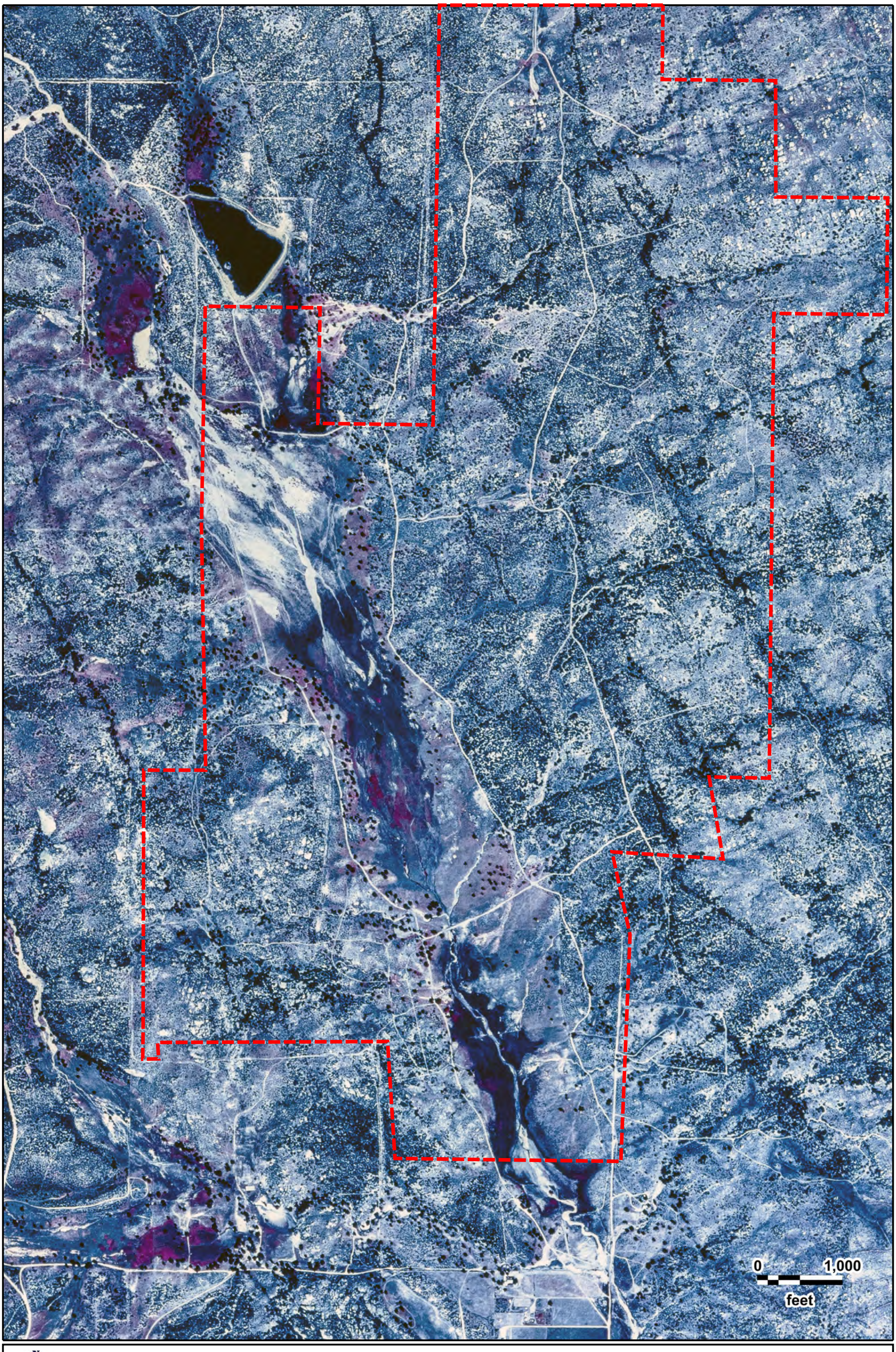


N
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Torrey Wind Project
USGS
08/24/1984

GeoSearch

JOB #: 241535 - 06/11/2018

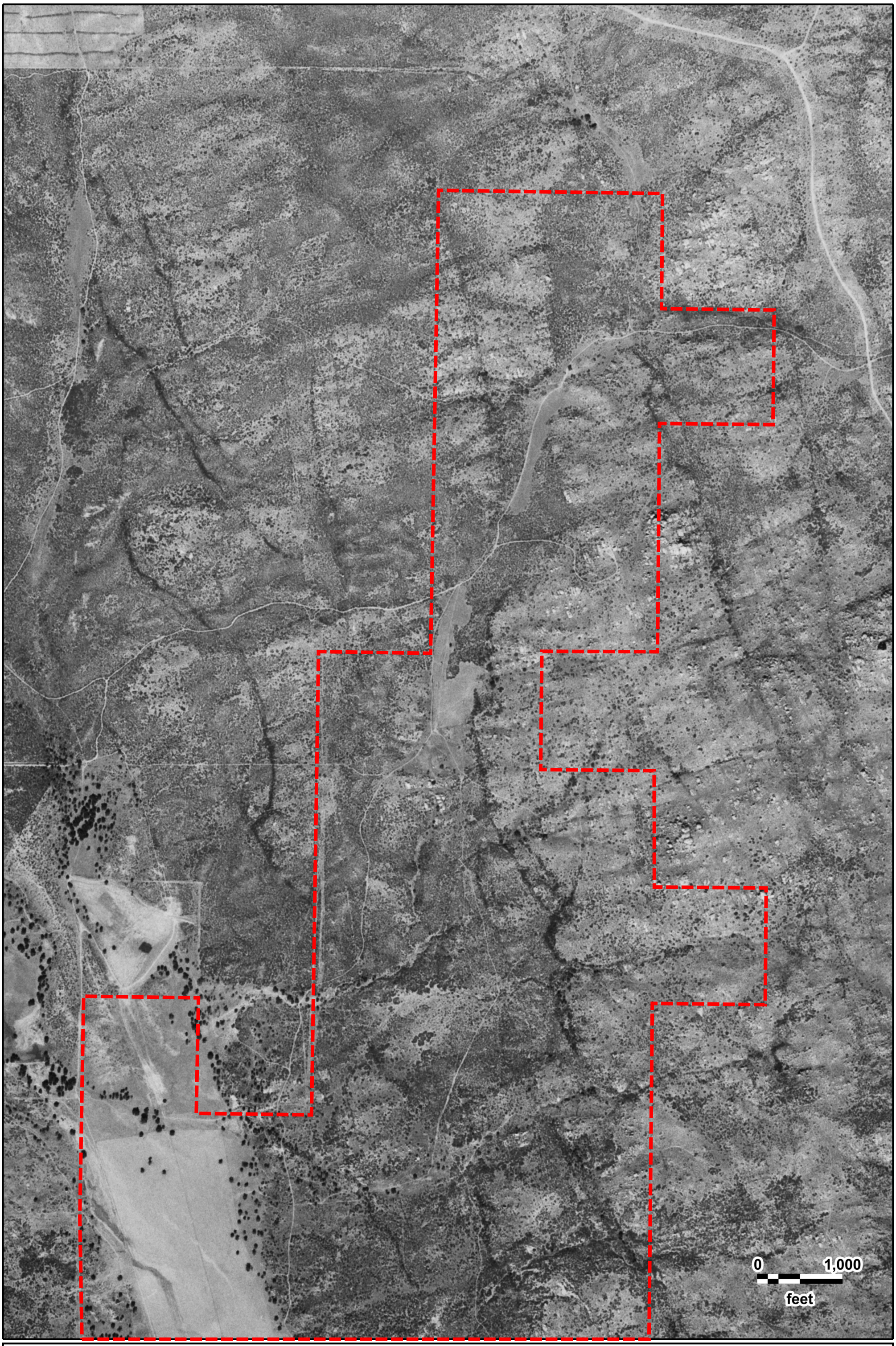


N
W E
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Torrey Wind Project
USGS
1984

GeoSearch

JOB #: 241535 - 06/11/2018



N
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S

Torrey Wind Project
USGS
10/16/1975

GeoSearch

JOB #: 241535 - 06/11/2018

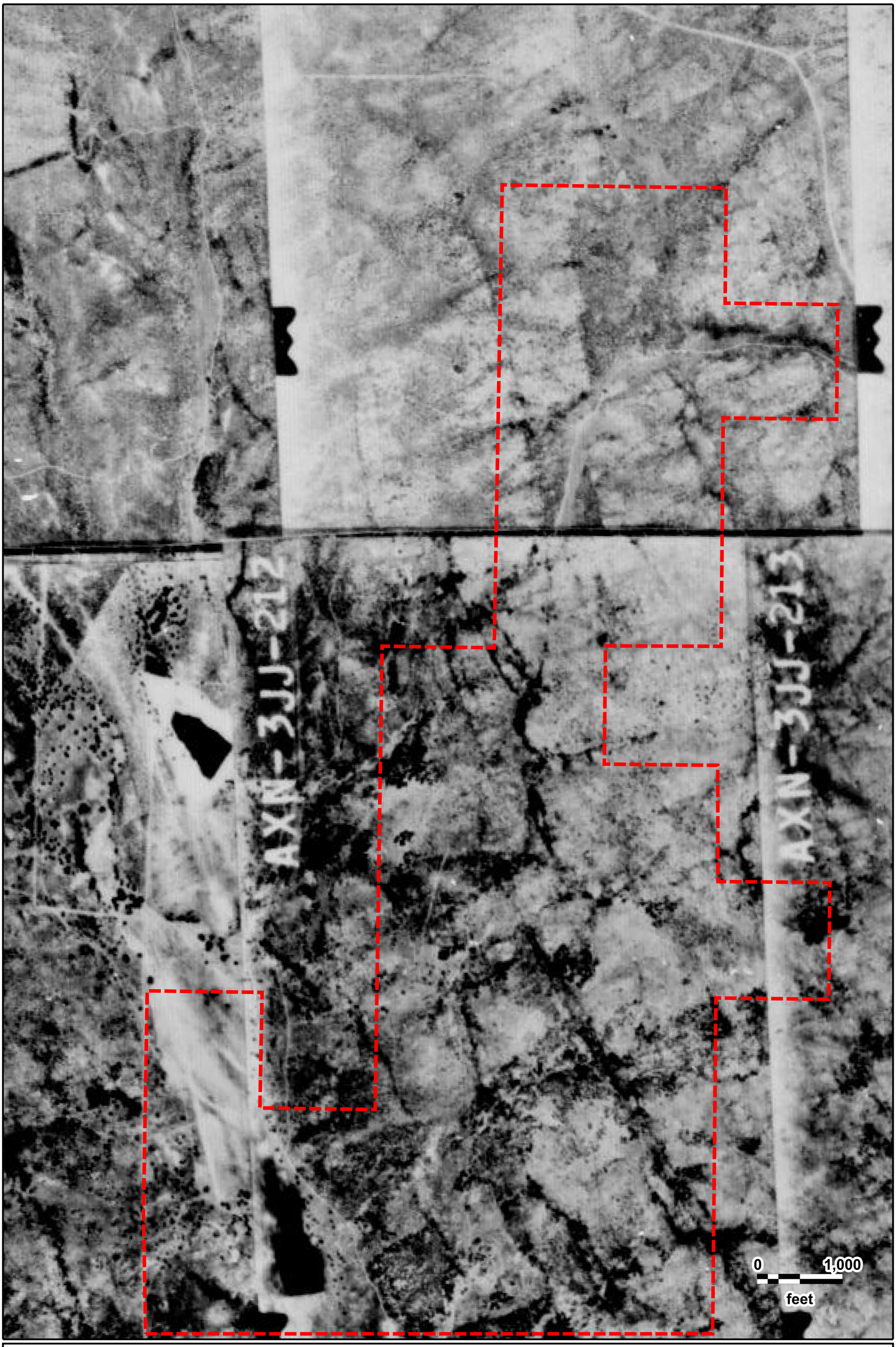


N
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Torrey Wind Project
USGS
10/16/1975

GeoSearch

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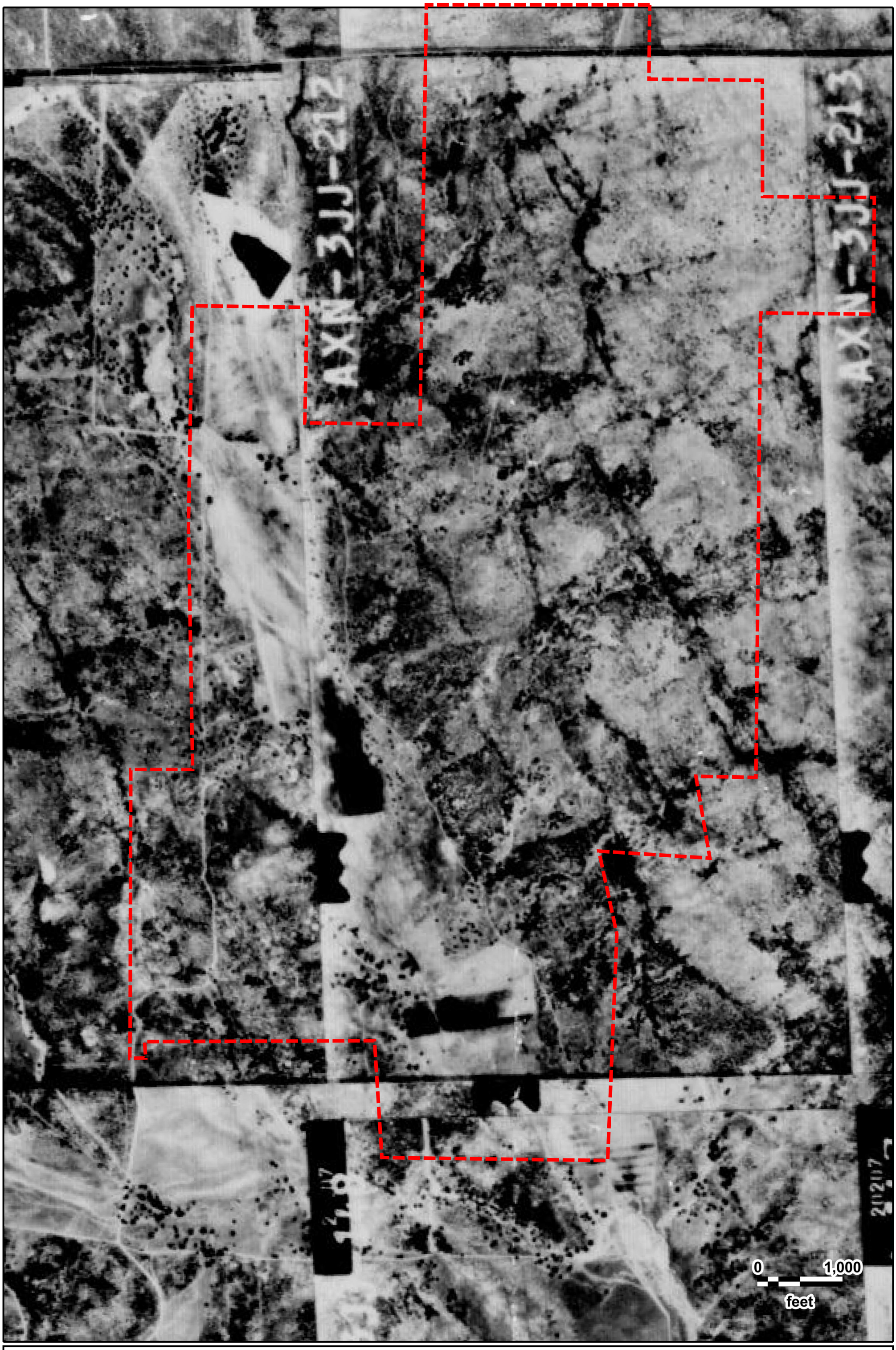


N
W E
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Torrey Wind Project
ASCS
05/26/1968

GeoSearch

JOB #: 241535 - 06/11/2018



N
W E
S

Torrey Wind Project
ASCS
05/26/1968

GeoSearch

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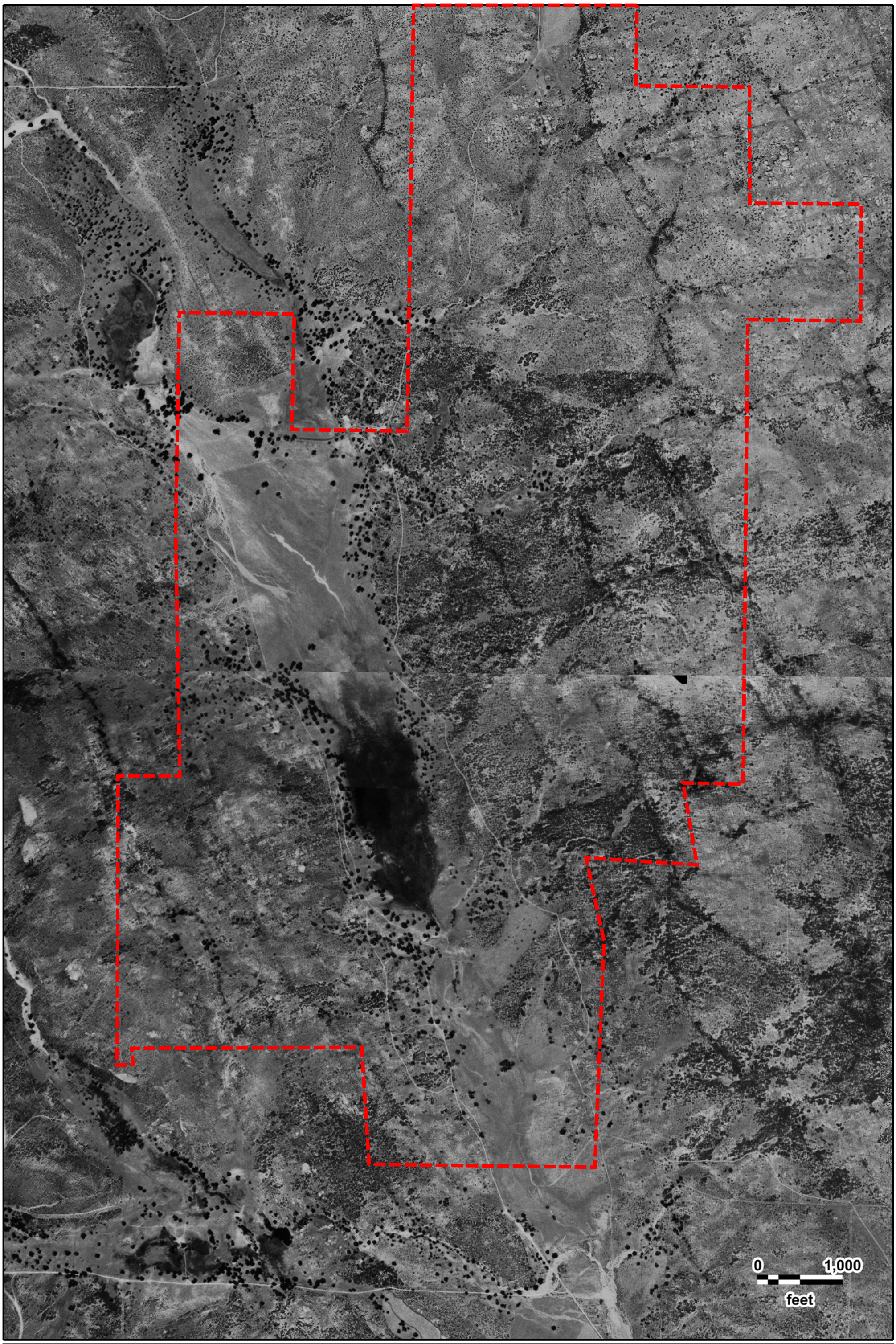


N
W E
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Torrey Wind Project
USNAVY
06/28/1955

GeoSearch

JOB #: 241535 - 06/11/2018

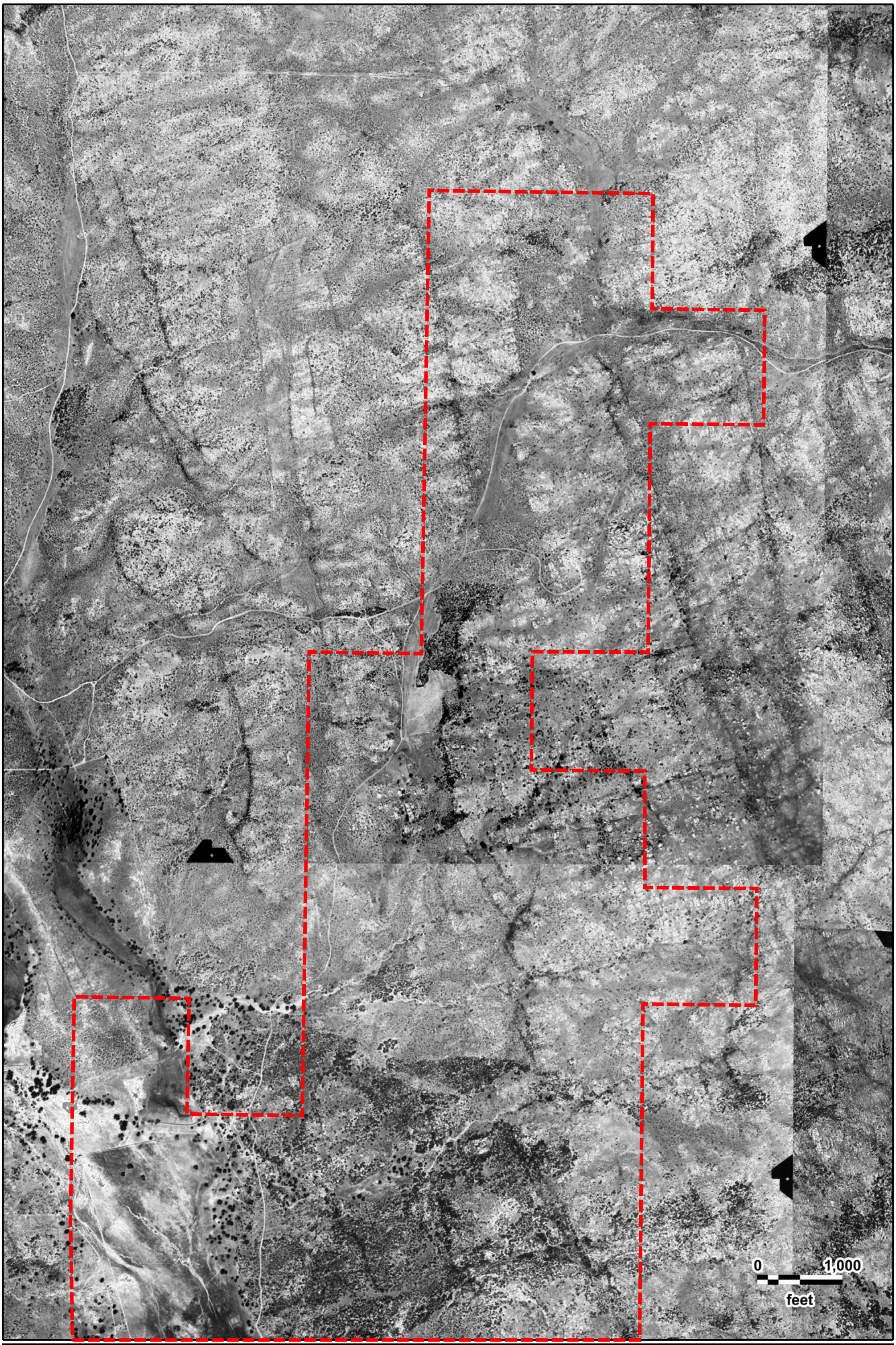


N
W E
S

Torrey Wind Project
USNAVY
06/28/1955

GeoSearch

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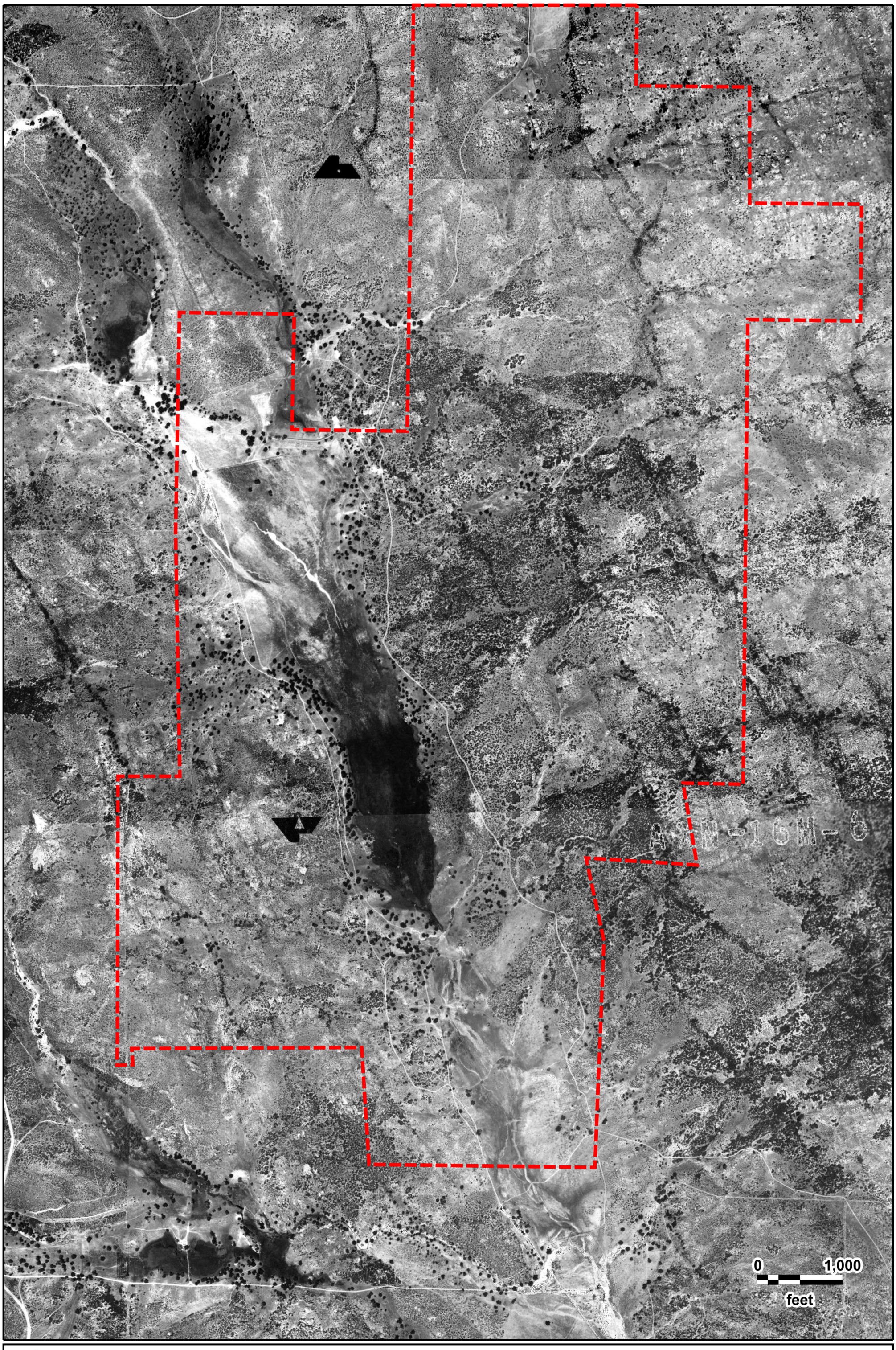


N
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Torrey Wind Project
ASCS
05/02/1953

GeoSearch

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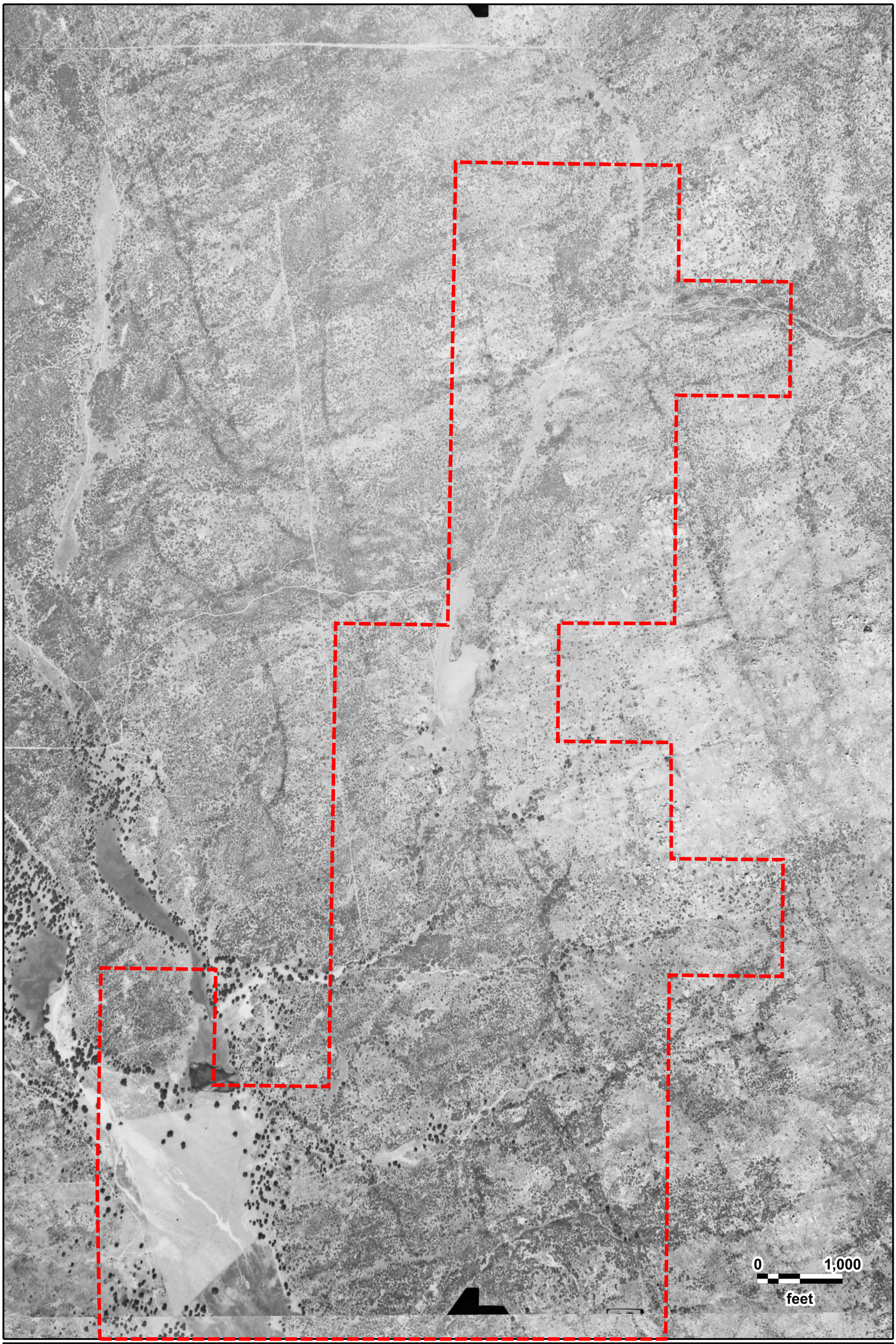


N
W E
S

Torrey Wind Project
ASCS
05/02/1953

GeoSearch

JOB #: 241535 - 06/11/2018

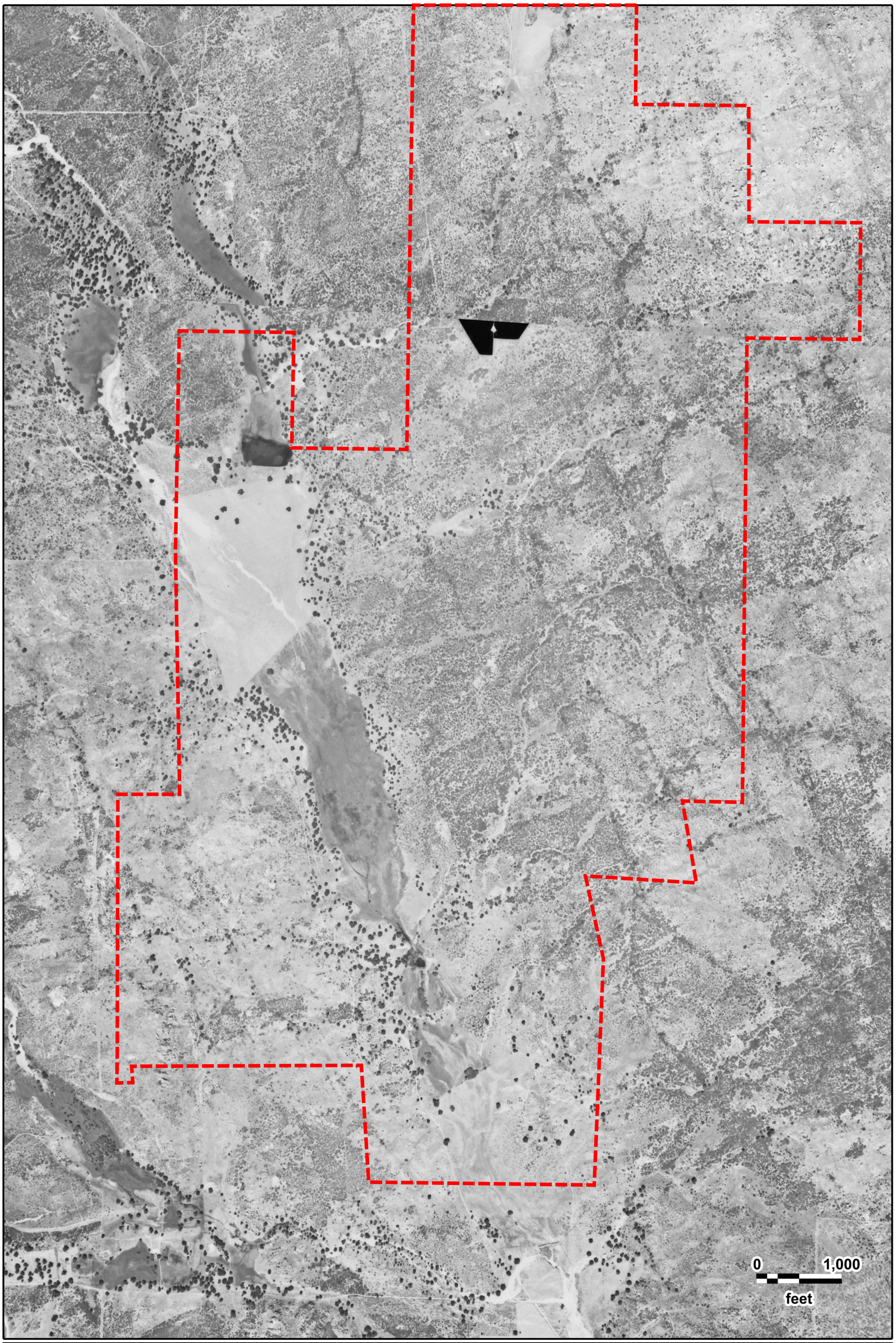


N
W E
S

Torrey Wind Project
ASCS
09/03/1943

GeoSearch

JOB #: 241535 - 06/11/2018



N
W E
S

Torrey Wind Project
ASCS
09/03/1943

GeoSearch

JOB #: 241535 - 06/11/2018

APPENDIX J

Records Search Report

GeoSearch

On time. On target. In touch.™

E RecSearch Report

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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Unlocatable Report . . . . . See Attachment

Zip Report . . . . . See Attachment

Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR §312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal,state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR §312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

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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

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

SUB-TOTAL		0	0	

Additional Environmental Records

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

Database Summary

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

SUB-TOTAL		0	0	

Database Summary

STATE (CA) LISTING

Standard Environmental Records

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

SUB-TOTAL		0	0	

Additional Environmental Records

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

Database Summary

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

SUB-TOTAL		0	0	

LOCAL LISTING

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
SAN DIEGO COUNTY ENVIRONMENTAL ASSESSMENT CASE LISTING	SDEACL	0	0	TP/AP
SAN DIEGO COUNTY HAZARDOUS MATERIALS MANAGEMENT DIVISION DATABASE	HMMDD	0	0	TP/AP
SAN DIEGO COUNTY SOLID WASTE FACILITIES	SDSWF	0	0	0.5000
SUB-TOTAL		0	0	

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR09	0	0	0.2500
ILLEGAL DUMP SITES ON THE TORRES MARTINEZ RESERVATION	TORRESDUMPSITES	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR09	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	2	0	1.0000
SUB-TOTAL		2	0	

TOTAL		2	0	

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
EC	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
ECHOR09	0.0200	0	NS	NS	NS	NS	NS	0
ERNSCA	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
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
LUCIS	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
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
RCRASC	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
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
RCRAGR09	**0.1250**	**0**	**0**	**NS**	**NS**	**NS**	**NS**	**0**
RCRANGR09	**0.1250**	**0**	**0**	**NS**	**NS**	**NS**	**NS**	**0**
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
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
BF	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
DNPL	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
NLRRCRAT	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**

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
SEMS	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SEMSARCH	**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
NLRRCRAC	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
NMS	1.0000	0	0	0	0	0	NS	0
NPL	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
PNPL	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
RCRAC	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
RCRASUBC	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		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
DTSCDR	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
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
ABST	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
AST2007	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
CLEANER	0.2500	0	0	0	NS	NS	NS	0
DTSCHWT	0.2500	0	0	0	NS	NS	NS	0
HISTUST	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
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
SWEEPS	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
USTCUPA	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
BF	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
CALSITES	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
CLEANUPSITES	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
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
LUST	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
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
SWIS	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SWRCY	0.5000	0	0	0	0	NS	NS	0
VCP	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**

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**.*

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
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

SUB-TOTAL		0	0	0	0	0	0	0

Database Radius Summary

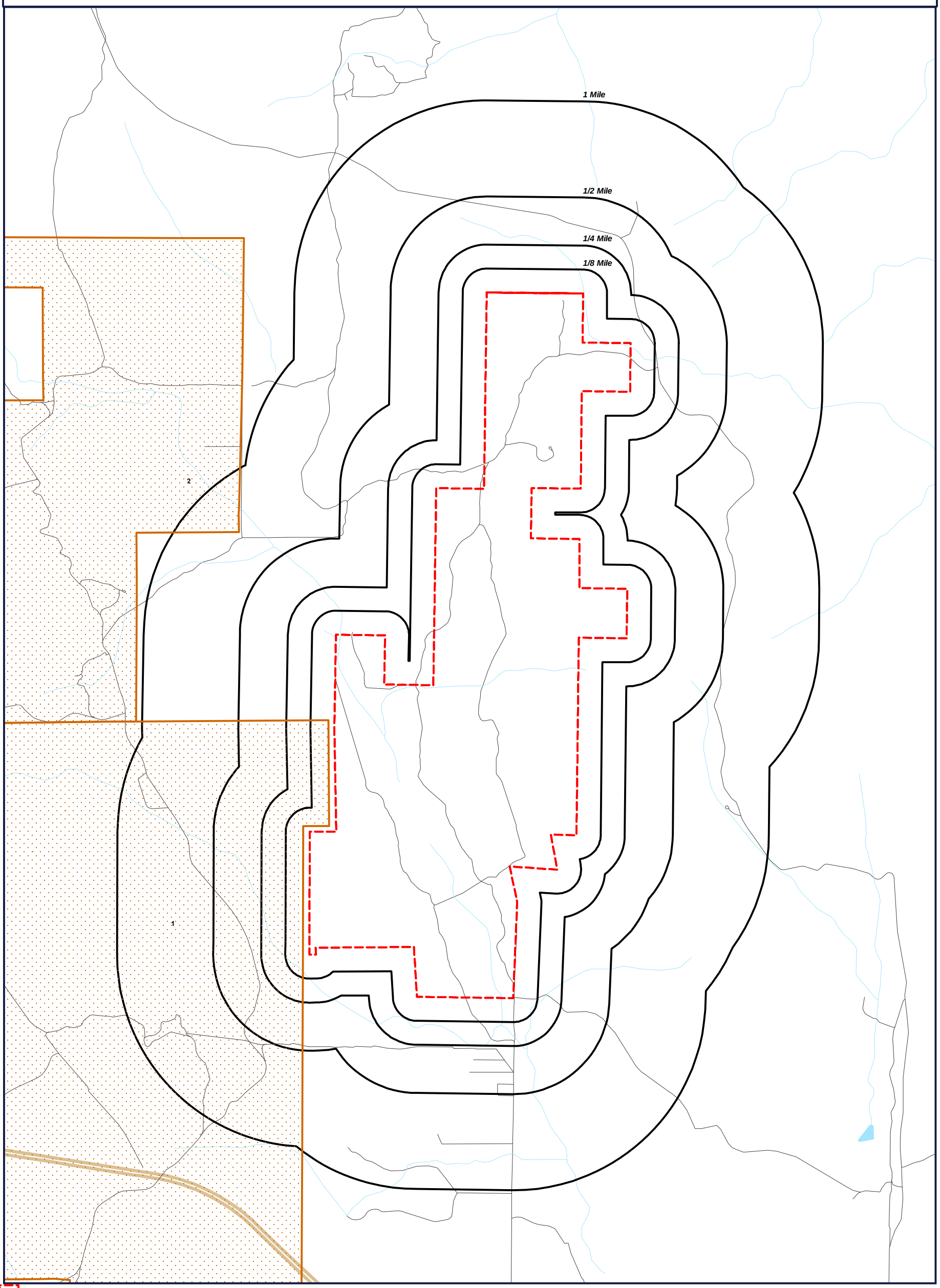
TRIBAL LISTING

*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
USTR09	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
LUSTR09	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
ODINDIAN	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
TORRESDUMPSITES	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
INDIANRES	1.0000	0	1	0	0	1	NS	2
SUB-TOTAL		0	1	0	0	1	0	2
TOTAL		0	1	0	0	1	0	2

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

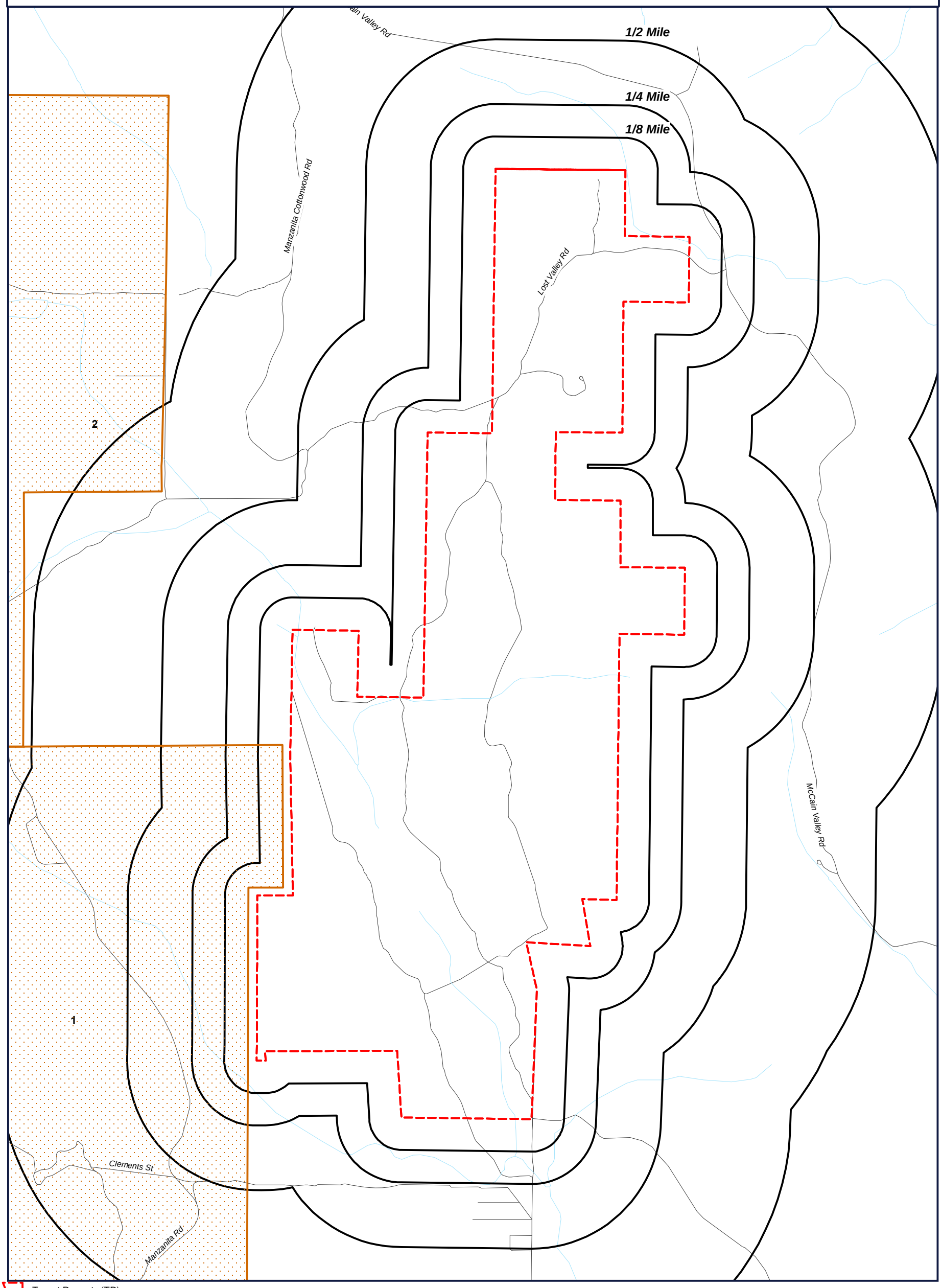
N
W E
S

0' 1350' 2700' 4050'
SCALE: 1" = 2700'

GeoSearch www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967

JOB #: 241538 - 6/6/2018

RADIUS MAP



Target Property (TP)
INDIANRES

Torrey Wind Project
McCain Valley Rd
Boulevard, California
91905

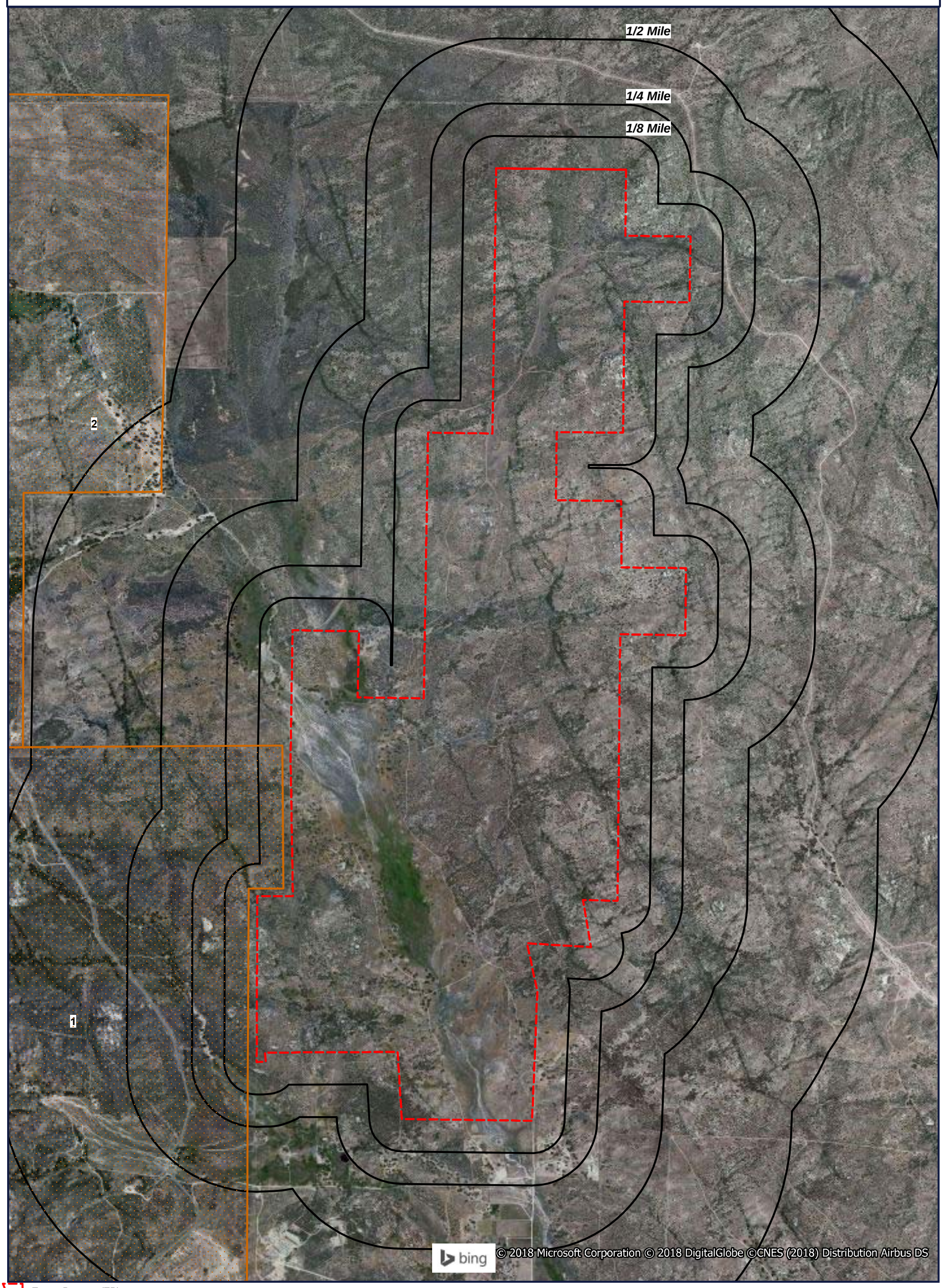
N
W E
S

0' 1000' 2000' 3000'
SCALE: 1" = 2000'

GeoSearch www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967

JOB #: 241538 - 6/6/2018

ORTHOPHOTO MAP



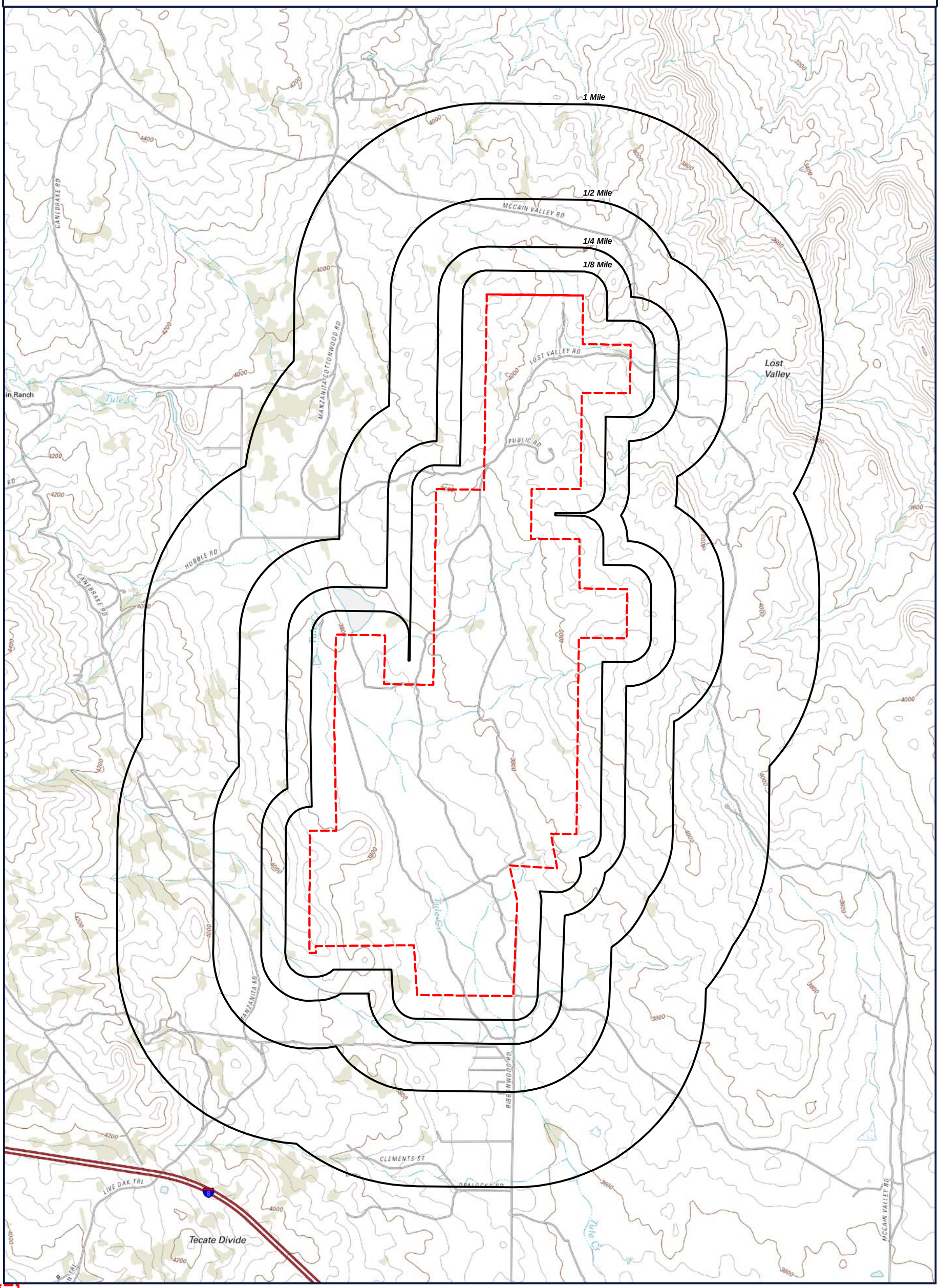
Target Property (TP)
INDIANRES

Quadrangle(s): Sombrero Peak,
Live Oak Springs
Torrey Wind Project
McCain Valley Rd
Boulevard, California
91905

N
W E
S

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

N
W E
S

0' 1350' 2700' 4050'
SCALE: 1" = 2700'

GeoSearch www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967

JOB #: 241538 - 6/6/2018

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 #
1	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	20
2	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	21

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 #
2	INDIANRES	4,307 ft.	MANZANITA RESERVATION	MANZANITA BAND OF DIEGUENO MISSION INDIANS OF THE MANZANITA RESERVATION, CALIFOR, BOULEVARD, CA 91905	21

LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	INDIANRES	3,755 ft.	CAMPO RESERVATION	CAMPO BAND OF DIEGUENO MISSION INDIANS OF THE CAMPO INDIAN RESERVATION, CALIFORN, CAMPO, CA 91906	20

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**

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**

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

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

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

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

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 Protections 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.

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.

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

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

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 Protections 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.

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

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.

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.

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

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,

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.

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

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.

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.

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.

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 Deparment 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.

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.