

Report

PHASE I ENVIRONMENTAL SITE ASSESSMENT Round Mountain 500-kv Dynamic Reactive Support Project (Round Mountain) Shasta County, California

Submitted to:

LS Power Grid California, LLC
5000 Hopyard Road, Suite 480
Pleasanton, California 94588

Prepared by:

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Denver, Colorado 80237



Nick Mathis
Certified Professional Geologist
CPG No. 10023

April 2020



Mathis and Associates, Inc.

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EXECUTIVE SUMMARY - SUMMARY OF FINDINGS

Mathis and Associates, Inc. has been retained by LS Power Grid California, LLC (Client) to conduct a Phase I Environmental Site Assessment (ESA), in conformance with ASTM Practice E 1527-13 Standard Practice for Environmental Site Assessments, of portions of parcel APN 099-450-001-000, located in Shasta County, California. The site is currently owned by Plug-It Products. The site is located in portions of the eastern half of Section 11, Township 32 North, Range 1 West, Mount Diablo Base and Meridian (Figure 1). The objective of this assessment is to determine the presence or absence of recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs) and historical recognized environmental conditions (HRECs), as defined in ASTM 1527- 13.

The purpose of this Phase I ESA is to characterize the site and surrounding area and to identify the potential for chemical/pollution related liabilities associated with current and/or previous uses of the subject property and adjacent properties. Several research methods have been utilized in this assessment, including regulatory file searches, historic use research, interviews, and on-site observations. This ESA has been conducted, to the extent feasible, under the guidance of Standard Practice E 1527-13 of ASTM International (ASTM). Practice E 1527-13 defines the extent and limit of “appropriate inquiry” as defined in 42 U.S.C. §9601(35) (B) for Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability and defense provisions. The ESA is intended to identify *RECs*, *CRECs* and *HRECs* (ASTM, 2013) and establish support for the "innocent landowner defense" under CERCLA.

This Phase I Environmental Site Assessment is intended only to provide a general indication of the potential for environmental liabilities associated with the subject property (also referred to in this report as “the site”). It is based only on the observations made at the subject property on April 7, 2020, interviews with knowledgeable parties, and data obtained from federal, state, and local agencies. This report is not to be considered a statement of clearance.

As per ASTM E 1527-13, the following “nonscope considerations” were not included in this evaluation: biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, and wetlands. Since ASTM E 1527-13 does not require that these inspections be conducted, said inspections were not performed as part of this Phase I ESA.

Special Terms and Conditions

No special terms or conditions have been associated with the investigation described in this report.

User Reliance

As the so-called “user” of the site, LS Power Grid California, LLC is obligated to provide information relating to environmental conditions on the property involved in the current transaction. A preliminary title commitment was provided and is included in the appendices section of this report.

Data Gaps

No information was available prior to 1941 at which time the site was native, unimproved land.

Findings and Opinions

Mathis and Associate, Inc. did not identify activities at the site or at neighboring properties (potential offsite sources) that would indicate a significant potential for RECs, based on the information contained in the databases reviewed, the research conducted and/or the site reconnaissance completed.

Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of the Round Mountain property located in Shasta County, California. Any exceptions to, or deletions from, this practice are described in Section 1.0 and the Limitations section of this report. This assessment has revealed no evidence of RECs, CRECs, or HRECs.

1.0 INTRODUCTION

1.1 Purpose

The purpose of this Phase I ESA is to characterize the site and surrounding area and to identify the potential for chemical/pollution related liabilities associated with current and/or previous uses of the subject property and adjacent properties. Several research methods have been utilized in this assessment, including regulatory file searches, historic use research, interviews, and on-site observations. This ESA has been conducted, to the extent feasible, under the guidance of Standard Practice E 1527-13 of ASTM International (ASTM). Practice E 1527-13 defines the extent and limit of "appropriate inquiry" as defined in 42 U.S.C. §9601(35) (B) for Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability and defense provisions. The ESA is intended to identify *RECs*, *CRECs*, and *HRECs* (ASTM, 2013) and establish support for the "innocent landowner defense" under CERCLA.

1.2 Involved Parties

LS Power Grid California, LLC has retained Mathis and Associates, Inc. to conduct a Phase I ESA of portions of parcel APN 099-450-001-000, located in Shasta County, California (Figure 1).

1.3 Scope of Work

This Phase I ESA is intended only to provide a general indication of the potential for environmental liabilities associated with the subject property (also referred to in this report as "the site"). It is based only on the observations made at the subject property on April 7, 2020, interviews with knowledgeable parties, and data obtained from federal, state, and local agencies. This report is not to be considered a statement of clearance.

As per ASTM E 1527-13, the following "nonscope considerations" were not included in this evaluation: biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality, unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, and wetlands. ASTM E 1527-13 does not require that these inspections be conducted. The credentials of Nick Mathis, the consultant conducting the Phase I ESA, are included within the appendices section.

The following sections of this report present the compilation and analysis of all data collected in April 2020.

2.0 GENERAL SITE CHARACTERISTICS

2.1 Site Ownership and Location

The subject property (also referred to as “the site”) consists of portions of parcel APN 099-450-001-000, which is currently owned by the Plug-It Products. The legal description is portions of the eastern half of Section 11, Township 32 North, Range 1 West, Mount Diablo Base and Meridian. A site vicinity map is identified as Figure 1. Figure 2 shows pertinent site information and adjacent property information.

2.2 Adjacent Properties

The site is located in a predominantly native, undeveloped area with a transmission right-of-way (ROW) located through the central and northwestern portions of the site. The site is surrounded by scattered residential properties (ranches) and Fern Road to the west and unimproved land to the south, east and north.

2.3 Site Descriptions and Current Site Uses/Operations

The site consists of approximately 200 acres of land that is currently unimproved with a transmission ROW through the central and northwestern portions of the site. A beekeeping business is located near central portion of the site. According to Louis Pepita with the Shasta County Planning Division, the site has a resource management designation of HP-BA-80, which is habitat protection with a minimum lot size of 80 acres.

2.4 Former Site Uses/Operations

Gerard Wamerdam was personally interviewed in lieu of a Phase 1 site questionnaire. Mr. Wamerdam is the President for Plug-It Products. He purchased the property approximately nine years ago. According to Mr. Wamerdam, the site has been used for agriculture and grazing since he purchased the site. In addition, a beekeeping business leases a portion of the site. Two areas of disposed materials were identified during the site visit, including two former petroleum tanks. Mr. Wamerdam indicated that the two tanks were present when he purchased the site and were likely disposed as scrap metal. He is not aware of site activities prior to his purchase but believes the site was used for cattle grazing.

3.0 ENVIRONMENTAL SETTING

3.1 Regional Physiographic Conditions

The site is located in the far northern tip of the Central Valley of California and is characterized by warm, dry summers and cool rainy winters. The mean average annual precipitation is approximately 53 inches per year, including 10 inches of snow, with the majority of precipitation occurring from December to March.

The subject property is located in the Central Valley physiographic province, also known as the Great Valley of California. The province covers approximately 20,000 square miles. It is bounded by the Cascade Range to the north, the Sierra Nevada to the east, the Tehachapi Mountains to the south and Coast Ranges to the west. The valley averages 50 miles in width and extends 400 miles northwest. The elevation at the site ranges from 1,790 feet above mean sea level near the southwestern portion of the site to 2,130 feet above mean sea level near the northeastern portion of the site. The site slopes to the northwest in the northern portion of the site and to the southwest and southeast in the central and southern portions of the site.

3.2 Soil Conditions

The site is underlain predominantly by Kilarc very stony, sandy clay loam, Supan very stony loam and Aiken stony loam with numerous smaller units scattered throughout the site area (NRCS). The Kilarc soils are moderately well drained, very stony clay loam to clay loam with shallow weathered bedrock. These soils are underlain by sandstone, shale and conglomerate. The Supan soils are well drained and consist of very stony clay loam to clay loam over shallow weathered bedrock. These soils are located on uplands and are underlain by tuffaceous breccia. The Aiken soils consist of well drained stony loam to stone clay. These soils formed on lava flows in material weathered from volcanic rock.

3.3 Geologic Conditions

The site is underlain by Eocene aged nonmarine continental sedimentary rock consisting of sandstone, shale and conglomerate in the southern portion of the site to tertiary aged volcanic rocks consisting of pyroclastics and volcanic mudflow deposits near the northwestern portion of the site.

3.4 Surface Water and Groundwater Characteristics Conditions

Surface water flows to the north northwest in the northern portion of the site and to the southeast and southwest in the central and southern portions of the site. No water wells were identified within a one-mile radius of the site. Depth to groundwater would be expected to vary across the site and may be very shallow near small ephemeral streams.

4.0 RESULTS OF INVESTIGATION

4.1 Site Inspection Observation

An inspection of the subject property and surrounding area was conducted on April 7, 2020. The subject property was inspected on foot. Adjacent sites were viewed from the subject property and adjacent roads. Site photographs are included within the appendices section of this report.

The site consists of approximately 200 acres of predominantly undeveloped land owned by Plug-It Products. The majority of the site consists of native forest and grassland. A beekeeping operation is located near the central portion of the site. An electric transmission ROW is located through the central and northwestern portions of the site.

The site is accessed from Fern Road, which borders approximately two-thirds of the western portion of the site. Access is located near the northwestern portion of the site via a 2-track road and access gate. The 2-track road travels northeast and exits the eastern portion of the site. Portions of the transmission ROW are accessible via a small 2-track road.

Two areas of disposed materials were observed on the site. One area was located near the extreme southern portion of the site and consisted of remnants of old vehicles. A second area is located near the southwestern portion of the site and consisted of farm implements/equipment and two above-ground storage tanks (ASTs). The two storage tanks appear to be empty. According to Mr. Warmerdam, the tanks and associated farm equipment were present when he purchased the property. He believes that both disposal areas were from the ranch located south of the site and were disposed as scrap metal.

No stressed vegetation, odors, pools of liquid, pits or ponds, or waste water discharge was observed on the subject property or the immediate surroundings.

4.2 Adjacent Site and Vicinity Operations

The surrounding area is predominantly native land with a residence located adjacent to the northwest. Fern Road is adjacent to the west of the site with two to three residences/ranches located west of Fern Road. Native land is located south, north and east of the site.

4.3 Results of Regulatory Agency List Review and File Research

Several sources of information were utilized to determine the potential for liabilities associated with present or past uses of the subject property and nearby lands. Several sources of information were utilized to determine the potential for liabilities associated with present or past uses of the subject property and nearby lands. These included the U.S. Environmental Protection Agency (EPA), the California Environmental Protection Agency (Cal/EPA), Division of Oil, Gas

and Geothermal Resources (DOGGR), Department of Conservation (DOC) Office of Mine Reclamation and Shasta County records.

Information was collected to assess the past and current uses of the site and focused on compliance or violations of federal, state, and local regulations, the presence of known spills, current generators of hazardous wastes and users of hazardous materials, the presence of known leaking underground and above ground storage tanks, identified National Priority List (“Superfund”) sites, and landfill sites located on or within the vicinity of the subject property. A summary of the database search is included within the appendices section of this report.

The site was not identified within the regulatory database. In addition, no sites were identified within the site vicinity.

The website for the DOGGR was reviewed for information relating to oil and gas wells. No oil or gas wells or dry holes were identified on the site or on adjacent sites.

The website for the DOC, Mine Reclamation Division was reviewed for information relating to current and former mining activities on or near the site. No current or former mines were identified on the site or within a one-mile radius of the site.

The California Department of Water Resources website (<https://gis.water.ca.gov/app/gicima/>) was reviewed for information for water wells located on the site or in the site vicinity. No water wells were identified on the site or within a one mile radius of the site. Water levels would be expected to vary near seasonal ephemeral streams located on the northern and southern portions of the site.

4.4 Results of Site History/Land Use Review

Aerial photographs and Shasta County Tax Assessor records were reviewed as part of the Phase 1. In addition, personal interviews were conducted for the Phase 1 ESA.

Personal Interviews

The Shasta County Resource Management Planning Division (530-225-5532) was contacted for site information. This information is presented in the Records of Communication Appendix of this report.

Gerard Warmerdam, owner of Plug It Products (owner of the site), was interviewed as part of this Phase 1 ESA in lieu of a Phase 1 ESA questionnaire. This information is presented in the Records of Communication Appendix of this report.

Aerial Photographs

Aerial photographs were provided by Geosearch and included photographs from 1941 through 2018.

The 1941 aerial photograph shows the site as native, undeveloped land and the surrounding area was predominantly native, undeveloped land.

The 1952 aerial photograph shows a 2-track road located near the west-central portion of the site in the area of the current 2-track road. Fern Road had been developed. The remaining portions of the site and site area remained native and undeveloped.

The 1954 through 1963 aerial photographs show little change across the site or in the site vicinity.

The 1969 aerial photograph shows the construction of the current transmission ROW. The immediately surrounding area remained undeveloped.

The 1975 through 1989 aerial photographs showed little change on the site with some residential/ranching development to the west of Fern Road.

The 1998 aerial photograph showed little change on the property or in the site vicinity. The small residence, located adjacent to the site and near the western site entrance, had been developed.

The 2004 aerial photograph shows the small development near the current honey bee operations. A residential/ranching property was located west of Fern Road.

The 2004 through 2018 aerial photographs show the site and site vicinity as was observed during the site inspection. A copy of a 2018 aerial photograph is included as Figure 3. Historical aerial photographs are included within the appendices section of this report.

Tax Record Reviews

The Shasta County Tax Assessor's Office (530-225-3600) was contacted for information concerning past uses of the site. Crystal (last name not provided) indicated that the site is owned by Plug-It Part (dba Lazy K Ranch). According to Crystal, no additional information is available.

Preliminary Title Commitment

A preliminary title commitment was provided for the site. No environmental liens or activity and use restrictions were identified within the title document.

City Directories

City directories are not available for the site.

Sanborn Fire Insurance Maps

Sanborn Fire Insurance maps are not available for the site.

Synopsis of Previous Investigations

No previous environmental investigations are known to exist for the site.

Vapor Intrusion

No vapor intrusion would be anticipated at the site due to the lack of an underground hazardous or petroleum hydrocarbon source.

Asbestos

No potential asbestos containing materials (ACM) were identified on the site.

4.5 THE OBJECTIVE OF THE FINDINGS

Phase I Environmental Site Assessment process is to identify *RECs*, *CRECs*, and *HRECs*. The term indicates the presence or likely presence of hazardous substances [as defined by as defined in 42 U.S.C. §9601(35) (B)] or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with existing laws. However, the term is not intended to include *de minimis* conditions that generally do not present a material risk to of harm to the public health or the environment and that generally would not be the subject of an enforcement action (ASTM, 2013).

4.6 DATA GAPS

The following data gaps were identified:

- No historical records were available prior to 1941, at which time the site consisted of native land.

5.0 CONCLUSIONS

We have performed a Phase I ESA, in conformance with the scope and limitations of ASTM Standard Practice E 1527-13, of portions of parcel APN 099-450-001-000, located in Shasta County, California. The site is currently owned by Plug-It Products and is located in portions of the eastern half of Section 11, Township 32 North, Range 1 West, Mount Diablo Base and Meridian. Exceptions to or deletions from this practice are described in the introduction of this report. This assessment has revealed no evidence of RECs, HRECs, or CRECs.

It is the opinion of Mathis and Associates, Inc. that the observed environmental conditions associated with operations at the subject property do not have potential environmental impacts. Observations made during the site visit, interviews with the current owner and/or occupants, and a thorough review of various governmental and private records have revealed no known or suspected *RECs*, *HRECs*, or *CRECs*. Vapor intrusion would not be expected.

6.0 RECOMMENDATIONS

No *RECs*, *HRECs*, or *CRECs* were observed at the site. No additional site activities are recommended.

7.0 LIMITATIONS

This report is considered a Phase I ESA performed under the ASTM standard of 2013. No known deviations from this standard occurred.

Because no sampling has been conducted on-site, the results of this assessment are speculative and neither confirms nor precludes the presence of environmental liabilities.

8.0 REFERENCES

8.1 Published References

California Department of Conservation. Geologic Map of California.
<https://maps.conservation.ca.gov/cgs/gmc/>

California Department of Conservation. Wellfinder.
<https://www.conservation.ca.gov/calgem/Pages/Wellfinder.aspx/>

California Department of Conservation, Office of Mine Reclamation
<https://maps.conservation.ca.gov/dmr/#webmaps>

Department of Water Resources, State of California. <https://gis.water.ca.gov/app/gicima>

Shasta County Assessors Website, <https://www.co.shasta.ca.us/index/assessor>

Geosearch, Radius Report and Historical Aerial Photographs.

United States Department of Agriculture (USDA), Web Soil Survey (WSS),
websoilsurvey.sc.egov.usda.gov

8.2 Record of Personal Communication

Gerard Warmerdam, Owner of the Joel Coelho Trust, personal interview. (209-334-4904)

Crystal, Shasta County Tax Assessors Office, personal interview, April 16, 2020. (530-225-3600).

Louis Pepeta, Shasta County Resource Management, Planning Division, personal interview, April 18, 2020. (530-225-5532).

8.3 Map, Aerial and Other Geographic References

California Department of Conservation. California Geological Survey. Geologic Map of California. 2010.

Google Earth, Aerial Photograph. 2018.

USGS, 7.5 Minute Topographic Quadrangle, Whitmore, CA. 2012.

9.0 CONSULTANT CREDENTIALS

QUALIFICATIONS AND SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Nick Mathis, Project Manager, conducted the site inspection and research to prepare this Phase I ESA. Resumes are available upon request.

To the best of Mathis and Associates, Inc.'s professional knowledge and belief, Mathis and Associates, Inc. meets the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312 and also meets the specific qualifications based upon education, training, and experience to assess a property as to its nature, history, and setting. Mathis and Associates, Inc. developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

This report has been prepared using information available through government agencies and private contacts at the time of the investigation. Should Mathis and Associates, Inc. receive additional information which may alter the characteristics enumerated within this report, Mathis and Associates, Inc. reserves the right to revise this report or issue an addendum statement.

This report has been prepared and is respectfully submitted by

Mathis and Associates, Inc.



Nick Mathis
Project Manager

April 22, 2020

Date

EXPERTISE & SKILLS SUMMARY:

Over 25 years of project development and environmental consulting experience throughout the western United States. Broad knowledge of site assessments, due diligence reviews and permitting. Self-motivated and capable in developing and directing all aspects of landowner relations, scheduling, and supervision of external contractors to achieve positive results. Able to work independently and autonomously.

EXPERIENCE:

Mathis and Associates, Inc.

2004 to present

Principal

Providing consulting services for energy clients including LS Power, NRG Energy, Invenergy, Consolidated Edison, Wind Energy Transmission of Texas, PG&E, EOG, Anadarko Petroleum, Western Gas Resources, and others.

Responsibilities include:

- Providing due diligence reviews, landowner relations and negotiations for site access/surface use agreements.
- Conducting solar energy project due diligence and environmental studies in Arizona, Nevada, Utah and California.
- Permitting, including providing environmental studies (EA and EIS development), compliance, and regulatory communications for energy projects.
- Projects have been conducted on private lands and lands managed by the Arizona State Land Department, Bureau of Land Management (BLM) and other agencies.

O&G Environmental, LLC –Denver, CO.

2001 to 2004

Project Manager

Responsibilities included:

- Oversight for environmental field activities, business development, client regulatory compliance and budget management.
- Conducted Phase 1 and Phase 2 site assessments at commercial, retail, and energy facilities.
- Provided environmental studies of proposed energy developments for NEPA assessments.

Greystone, Inc. – Denver, CO

1994 to 2001

Project Manager

Responsibilities included:

- Provided environmental consulting services to mining, energy, commercial, government and oil and gas clients on state, fee and federal lands.
- Conducted due diligence assessments for natural gas and hydroelectric electrical generation facilities.
- Managed the State of Colorado LUST Trust Program conducting site assessments and site characterization activities at LUST facilities.

NICK MATHIS, CPG, MBA

Phone: (303) 913-0098

Email: NICKMATHIS2112@MSN.COM

ATEC Associates, Inc. – Dallas, TX. and Denver, CO
Assistant Project Manager/Environmental Scientist

1992 to 1994

Responsibilities included:

- Conducting field activities and report preparation for various environmental projects.
- Site Assessment, Site Characterization and Corrective Action Plan report development and preparation.

EDUCATION:

MBA – Awarded in 1988

Sul Ross State University

Alpine, Texas

B.S. *Geology* – Awarded in 1987

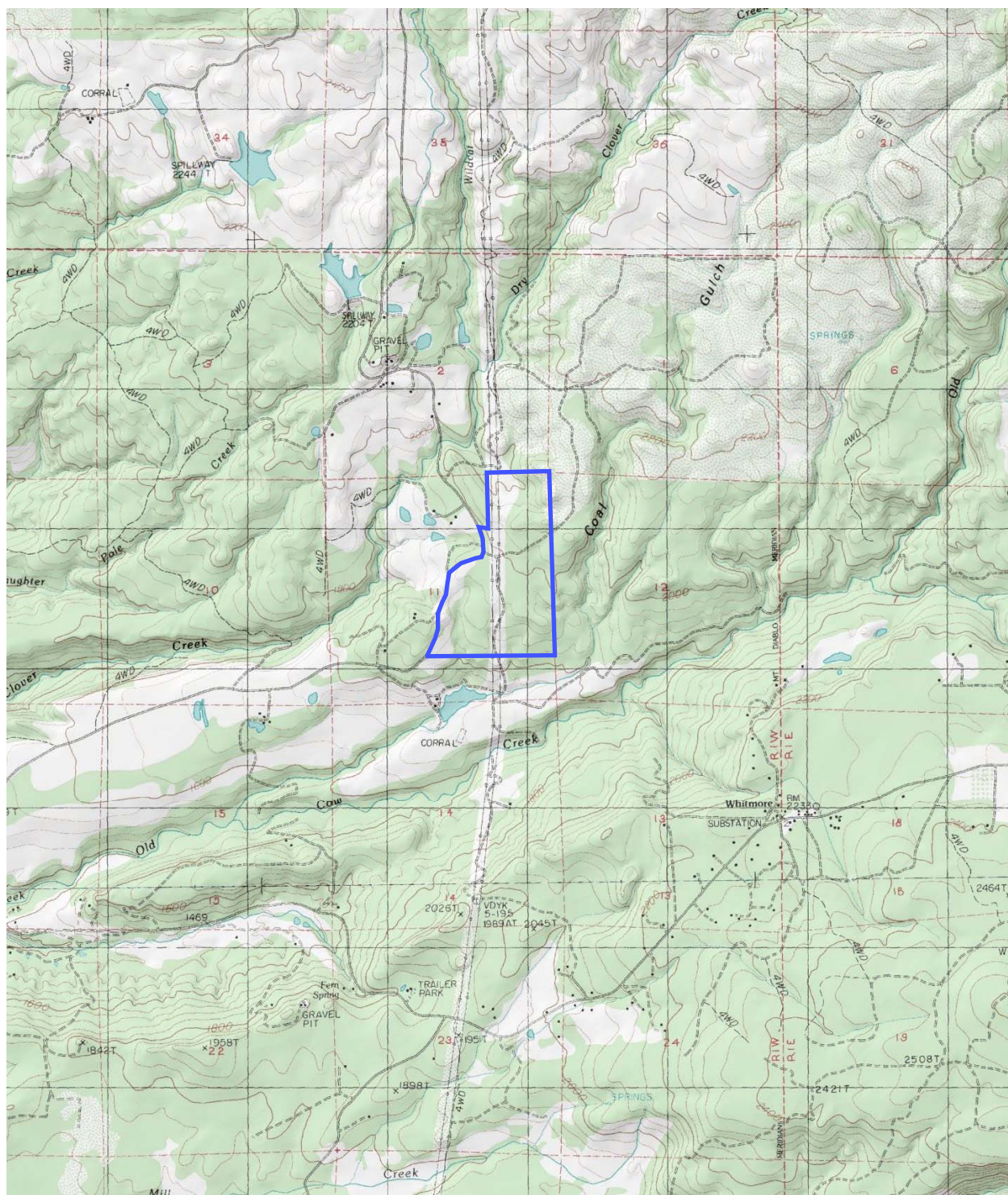
Sul Ross State University

Alpine, Texas

Certifications/Affiliations:

- OSHA 40-hour Hazardous Waste Site Health & Safety (29 CFR 1910.120)
- Certified Professional Geologist – AIPG, CPG # 10023

FIGURES



Phase I ESA
Round Mountain
Shasta County, California

Figure 1
Site Vicinity Map

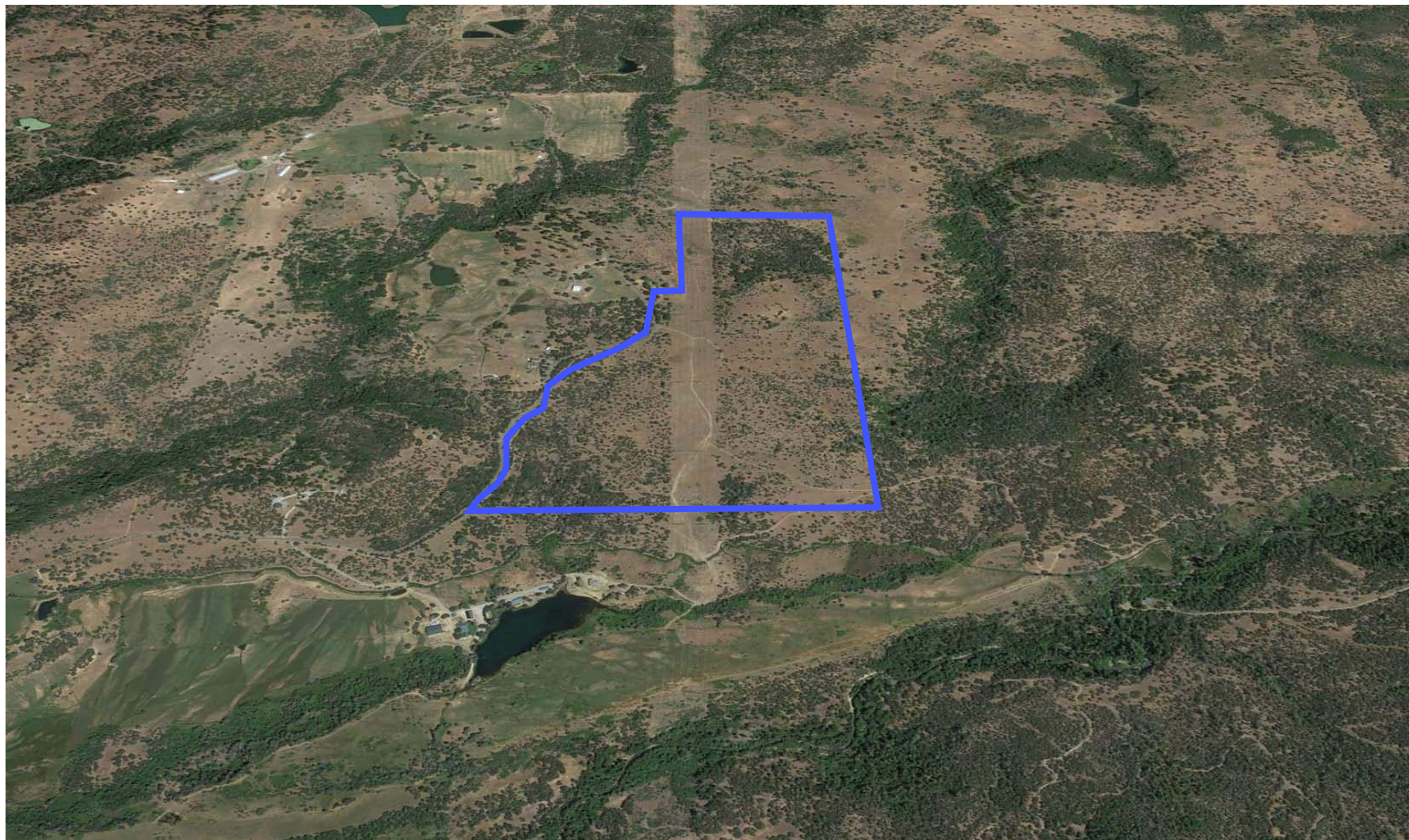


**Round Mountain
Shasta County, California**

**Figure 2
Site Map**



Mathis and Associates, Inc.



**Round Mountain
Shasta County, California**

**Figure 3
2018 Aerial Photograph**



Mathis and Associates, Inc.

RECORDS OF COMMUNICATION

RECORD OF CONVERSATION

DATE OF CALL: 04/2-4/3-4-16 TIME OF CALL: various DURATION: 30 minutes

CALL/CALLER: Nick Mathis

PHONE NUMBER: 209-334-4904

PROJECT NAME/NUMBER: Round Mountain

SUBJECT OF CALL:

Mr. Warmerdan was interviewed for information on past uses of the site. Mr. Warmerdam is the owner of Plug-It Parts who is the owner of the site. He indicated that he purchased the property approximately 9 years ago and that it operated as grazing land at that time. He also indicated that a beekeeping operation currently exists at the site and that ongoing grazing activities exist at the site. I followed up twice with Mr. Warmedam concerning tanks found on the site during the site inspection. He indicated that the two disposal areas identified during the inspection were there when he purchased the property and likely came from the ranch located south of the site. He is not aware of any issues of environmental concern.

RECORD OF CONVERSATION

DATE OF CALL: 04/14/20 TIME OF CALL: 4:05 PM DURATION: 5 minutes

CALL/CALLER: Nick Mathis

PHONE NUMBER: 530-225-3600

PROJECT NAME/NUMBER: Round Mountain

SUBJECT OF CALL:

Crystal, Shasta County Tax Assessor's Office, was contacted for information on available past use information for the site. Crystal indicated that the site is listed as property type Rural Improved 160-500 acres and the assessment status is active. No additional information was available.

RECORD OF CONVERSATION

DATE OF CALL: 04/17/20 TIME OF CALL: 4:00 PM DURATION: 5 minutes

CALL/CALLER: Nick Mathis

PHONE NUMBER: 530-225-5532

PROJECT NAME/NUMBER: Round Mountain

SUBJECT OF CALL:

Louis Pepeta, Planner with the Shasta County Resource Management Planning Division,, was contacted for information concerning resource management designations for the site. He indicated that the site is listed as HP-BA-80 which is habitat protection with a minium lot size requirement of 80 acres. No additional information was available.

TITLE COMMITMENT

Preliminary Report Top Sheet

◆ HELP US STAY ON TOP OF YOUR TRANSACTION ◆

IF ANY OF THESE QUESTIONS ARE ANSWERED “YES”, OR IF YOU HAVE QUESTIONS ABOUT THE BELOW, PLEASE CONTACT YOUR ESCROW OFFICER IMMEDIATELY

- ◆ Have any of the principals recently filed bankruptcy?
- ◆ Do any of the principals plan to use a power of attorney?
- ◆ Are any of the principals going through a divorce? (if so, is there an attorney involved?)
- ◆ Is anyone currently vested in title deceased? Has a new Tax I.D. Number been established?
- ◆ Do any of the principals NOT have a valid photo identification?
- ◆ Is there construction work in progress or incomplete construction?
 - Any construction completed in the last year?
 - Any construction completed in the last 4 months?
- ◆ Is there a mobile or manufactured home on the property?
- ◆ Are the sellers a non-resident alien or a foreign out of country seller?
- ◆ Is the property an investment property or not considered seller's principal residence?
- ◆ Will a new entity be formed? (i.e. Partnership, LLC, Corporation)
- ◆ If your principals are currently vested or are taking title in their trust, have bank accounts been established in the name of the Trust?
- ◆ Will any of the principals be participating in a 1031 Exchange?
- ◆ Are any of the principals not able to sign with a Placer Title Company? If so, an approved notary will be required.

THANK YOU FOR CHOOSING

Placer Title Company



Placer Title Company
9085 Foothills Blvd.
Roseville, CA 95747
Phone: (916)624-8141
Fax: (916)624-7383

Order No.: P-342970
Reference:
Escrow Officer: Scott Stanford
Email: sstanford@placertitle.com
Email Loan Docs To: 1415@placertitle.com

Proposed Insured:
Proposed Loan Amount:

Proposed Underwriter: Stewart Title Guaranty Company

Property Address: 12347 Fern Road, Whitmore, CA 96096

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, Placer Title Company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said Policy or Policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated: June 27, 2019 at 7:30AM
Title Officer: Vicki Pike

The form of policy of title insurance contemplated by this report is:

CLTA Standard Owners Policy

The estate or interest in the land hereinafter described or referred to covered by this report is:

Fee Simple

Title to said estate or interest at the date hereof is vested in:

Plug It Products Corp, Inc., a California Corporation

The land referred to in this report is described as follows:

See Exhibit "A" Attached for Legal Description

Exhibit "A"

Legal Description

The land described herein is situated in the State of California, County of Shasta, unincorporated area, described as follows:

Being all of the Northeast quarter of the Northeast quarter; a portion of the South half of the Northeast quarter; a portion of the South half of Section 11, and a portion of the North half of Section 14, Township 32 North, Range 1 West, Mount Diablo Base and Meridian, whose location is more particularly described as follows:

Beginning at the Northeast corner of Section 11, Township 32 North, Range 1 West, Mount Diablo Base and Meridian, thence Southerly along the East line of Section 11, South 2°05'03" East 2677.49 feet to the East quarter corner of said Section 11; thence continuing Southerly along said East line of Section 11 South 0°34'00" East 2670.92 feet to the Southeast corner of said Section 11; thence Southerly along the East line of Section 14, Township 32 North, Range 1 West, Mount Diablo Base and Meridian, South 3°15'56" East 179.97 feet; thence leaving said East line of Section 14, South 70°52'30" West 881.73 feet; thence South 72°06'50" West 899.92 feet; thence South 64°44'20" West 587.38 feet; thence South 42°12'30" West 844.19 feet; thence South 75°34'30" West 1,089.16 feet; thence South 74°26'30" West 829.30 feet; thence North 83°04'00" West 264.05 feet; thence North 77°06'10" West 199.54 feet; thence South 87°31'51" West 29.77 feet, more or less, to the West line of said Section 14; thence Northerly along said West line of Section 14, North 2°28'09" West 2,105.14 feet to the Northwest corner of said Section 14; thence Northerly along the West line of said Section 11 North 3°38'46" West 852.59 feet to a point on the centerline of Fern Road (County Road 4L01A); thence Easterly, Northeasterly, Northerly and Northwesterly along said centerline of Fern Road the following courses and distances: North 59°42'54" East 6.91 feet; thence along a curve to the right, having a radius of 450.00 feet, through a central angle of 36°25'37" an arc length of 286.10 feet; thence South 83°51'29" East 807.53 feet; thence along a curve to the right, having a radius of 1,000 feet, through a central angle of 5°29'12" an arc length of 95.76 feet; thence South 78°22'17" East 283.17 feet; thence along a curve to the right, having a radius of 750 feet, through a central angle of 16°00'00" an arc length of 209.44 feet to a point of reverse curvature; thence along a curve to the left, having a radius of 204.26 feet, through a central angle of 72°40'06" an arc length of 259.06 feet; thence North 44°57'37" East 571.27 feet; thence along a curve to the left, having a radius of 750 feet, through a central angle of 53°57'37" an arc length of 706.34 feet to a point of reverse curvature; thence along a curve to the right having a radius of 553.89 feet, through a central angle of 37°00'00" an arc length of 357.69 feet; thence North 28°00'00" East 249.70 feet; thence along a curve to the left, having a radius of 550 feet, through a central angle of 22°55'41" an arc length of 220.09 feet; thence North 5°04'19" East 239.98 feet; thence along a curve to the right, having a radius of 401.05 feet, through a central angle of 50°37'12" an arc length of 354.52 feet to a point of compound curvature; thence continuing along a curve to the right having a radius of 1,230 feet through a central angle of 22°45'00" an arc distance of 488.39 feet to a point of reverse curvature; thence along a curve to the left, having a radius of 300.55 feet, through a central angle of 94°56'31" an arc length of 498.03 feet; thence North 16°30'00" West 251.26 feet to a point on the South line of the Northwest quarter of the Northeast quarter of said Section 11; thence Easterly along said Southerly line North 88°00'48" East 320.32 feet to the Southeast corner of said Northwest quarter of the Northeast quarter of Section 11; thence Northerly along the East line of said Northwest quarter of the Northeast quarter of Section 11; North 1°58'08" West 1329.55 feet to the Northeast corner of said Northwest quarter of the Northeast quarter of Section 11; thence Easterly along the North line of said Section 11, North 87°36'58" East 1,325.98 feet to the point of beginning.

Excepting therefrom a portion of the South half of Section 11, and a portion of the North half of Section 14, Township 32 North, Range 1 West, Mount Diablo Base and Meridian, described as follows:

Commencing at the Southwest corner of Section 11, Township 32 North, Range 1 West, Mount Diablo Base and Meridian, as shown on that certain map recorded in Book 25 of Land Surveys at Page 60, Shasta County Records; thence North 86°51'10" East 2,441.87 feet to the true point of beginning of this description; thence from said true point of beginning South 20°35'50" East 219.94 feet; thence South 24°21'20" West 209.61 feet; thence South 63°27'30" West 810.88 feet; thence South 9°08'00" East 449.26 feet; thence North 63°27'30" East 2,246.92 feet; thence North 65°44'20" East 846.45 feet; thence North 33°37'20" West 934.86 feet; thence South 60°23'11" West 718.16 feet; thence South 25°50'35" East 681.47 feet; thence South 65°14'29" West 568.91 feet; thence North 20°25'35" West 398.62 feet; thence North 6°50'57" West 257.23 feet; thence South 59°12'00" West 683.66 feet to the true point of beginning.

The above legal description is made pursuant to that certain Property Line Adjustment No. 14-024 recorded March 6, 2015 as Instrument No. 2015-0005571, Official Records.

APN: 099-450-001-000

EXCEPTIONS

At the date hereof, exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. Taxes, special and general, assessment districts and service areas for the fiscal year 2019-2020, a lien not yet due or payable.
2. The lien of supplemental taxes, if any, assessed pursuant to the provisions of Chapter 3.5, (commencing with Section 75) of the Revenue and Taxation Code, of the State of California.
3. Rights of the public and of the County of Shasta, as to that portion of the herein described property lying within Fern Road (also shown of record as County Road 4L01A and 4L001), a public road.
4. Rights and easements, including but not limited to, recreation, navigation and fishery, which may exist over that portion of said land lying beneath the waters of Old Cow Creek.
5. Rights of upper and lower riparian owners in and to the free and unobstructed flow of the water of the Old Cow Creek extending through the land, without diminution.
6. Riparian or water rights, claims, or title to water whether or not shown by the public records.
7. The encroachment of the Grover-Brown Irrigation Ditch as disclosed by inspection.
8. An easement over said land for public utilities and incidental purposes, as granted to Pacific Gas and Electric Company, in the document recorded September 14, 1964, (book) 804 (page) 23, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

[Document Link](#)

9. Terms, conditions and provisions contained in the Decree, recorded August 25, 1969, as (book) 1002 (page) 245, Official Records.

Reference is made to the document for full particulars.

[Document Link](#)

10. An easement over said land for roads and incidental purposes, as conveyed to Claude W. Gill and Beverly A. Gill, in the document recorded December 31, 1975, (book) 1313 (page) 457, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

[Document Link](#)

11. An easement over said land for ingress, egress and incidental purposes, as granted to Open Triangle Ranch, in the document recorded May 28, 1976, (book) 1342 (page) 198, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

[Document Link](#)

12. An easement over said land for roads and incidental purposes, as granted to Claude W. Gill and Beverly A. Gill, in the document recorded May 28, 1976, (book) 1342 (page) 199, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

The above easement appears to be out by merger of fee title and would need to be re-created upon any sale out.

[Document Link](#)

13. An easement over said land for roads and incidental purposes, as granted to Charles Huett, in the document recorded May 28, 1976, (book) 1342 (page) 215, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

[Document Link](#)

14. An easement over said land for ingress, egress and incidental purposes, as granted to Wallace G. Richardson, in the document recorded May 28, 1976, (book) 1342 (page) 221, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

[Document Link](#)

15. An easement over said land for public utilities and incidental purposes, as granted to Tuolumne Telephone Company, in the document recorded December 15, 1977, (book) 1481 (page) 692, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

[Document Link](#)

16. An easement over said land for public utilities and incidental purposes, as granted to Tuolumne Telephone Company, in the document recorded March 21, 1978, (book) 1505 (page) 155, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

[Document Link](#)

17. An "Order Enjoining the Respondents and Defendants from Impounding Water in Triangle Lake Dam" filed February 13, 1986 and an Order on Motion to Compel Compliance" filed August 1, 1989 as issued under Case File No. 67757, Superior Court of the State of California, County of Shasta, as disclosed by an Action which commenced July 20, 1981 entitled "Notice of Pending Action, Department of Water Resources, Plaintiff, Versus Triangle Lake Properties, a Co-Partnership, et al., Defendants", a Notice of Pendency of said Action was recorded July 22, 1981 in Book 1826 of Official Records at Page 470, Shasta County Records.

[Document Link](#)

18. An easement over said land for roads and incidental purposes, as granted to Woodrow C. Carr, et al., in the document recorded January 5, 1984, (book) 2025 (page) 662, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

[Document Link](#)

19. An easement over said land for public utilities and incidental purposes, as granted to Pacific Gas and Electric Company, in the document recorded November 19, 1991, (book) 2785 (page) 244, Official Records.

Affects: As described therein

No representation is made as to the current ownership of said easement.

[Document Link](#)

20. The terms, conditions, provisions and stipulations as contained in the agreement entitled "Private Covenant Acknowledging Basis of Approval for a Second One-Family Residence", by and between the County of Shasta, and Joni Kelley, recorded October 22, 2003, (instrument) 2003-0071500, Official Records.

[Document Link](#)

21. The terms, conditions, provisions and stipulations as contained in the agreement entitled "Private Covenant Restricting Use of a Guest House", by and between Glenn Kelley and Joni Kelley, and the County of Shasta, recorded October 22, 2003, (instrument) 2003-0071501, Official Records.

[Document Link](#)

22. The terms, conditions, provisions and stipulations as contained in the agreement entitled "Private Covenant Restricting Use of an Accessory Building", by and between Glenn Kelley, Joni Kelley, and the County of Shasta, recorded March 22, 2006, (instrument) 2006-0014202, Official Records.

[Document Link](#)

23. An easement over said land for the purpose of public road, public utilities, and incidental purposes as set forth on Parcel Map filed April 10, 2009, in (book) 38, (page) 29 of Parcel Maps.

Affects: Fern Road (also known as County Road 4L01A)

[Document Link](#)

24. Provisions and conditions set forth in the "NOTES" of the following map:
Map: Parcel Map recorded in Book 38 of Parcel Maps at Page 29, including but not limited to:

A. This project is located in "Open Range" and is subject to all restrictions pertaining to "Open Range"

B. These parcels are located in or adjacent to an agricultural/timber use area and may be subject to impacts from the conduct of existing and future agricultural/timber related activities which may be considered objectionable. The project proponent shall acquire and provide all future lot purchasers with a copy of Shasta County Ordinance No. 94-2 (Chap. 18.06.030) and shall comply with the disclosure provisions of that Ordinance. Reference is made to a copy of said map for further particulars.

[Document Link](#)

25. The land described herein lies within the proposed boundary of the California Home Finance Authority Community Facilities District No. 2014-1 (Clean Energy), as disclosed by that certain Assessment Map, recorded August 27, 2015, as (instrument) 2015-0025273, and is subject to any future assessment thereof

Said document references a PROPOSED boundary area and parcels will be annexed only after the legislative body of the appropriate unincorporated or incorporated territory has adopted a resolution consenting to annexation.

[Document Link](#)

26. The terms, conditions, provisions and stipulations as contained in the agreement entitled "memorandum of Option to Purchase Real Estate", by and between Plug-It Products Corp., a California corporation, and LS Power Grid California, LLC, a Delaware limited liability company, recorded June 20, 2019, (instrument) 2019-0016963, Official Records.

[Document Link](#)

27. A search with the Secretary of State corporate status discloses the following with respect to Plug-It Products Corp.:

a) In good standing as of July 15, 2019

Corporate Resolution authorizing execution of documents will be required prior to the close of escrow. Check with Title Department before closing.

28. The requirement that we be provided with a copy of the operating agreement and any amendments thereto for LS Power Grid California, LLC, a limited liability company.

NOTE: (For proration purposes only)

Taxes, special and general, assessment districts and service areas for the Fiscal Year 2018-2019

1st Installment: \$9,293.06 PAID
2nd Installment: \$9,293.06 PAID
Parcel Number: 099-450-001-000

Code Area: 141-000
Land Value: \$368,699.00
Improvements: \$696,292.00
Exemption: \$0.00

***** SPECIAL INFORMATION *****

***** CHAIN OF TITLE REPORT:**

According to the public records, no deeds conveying the property described in this report have been recorded within a period of 2 years prior to the date of this report, except as shown herein: NONE

***** LENDER'S SUPPLEMENTAL ADDRESS REPORT:**

The above numbered report is hereby modified and/or supplemented to reflect the following additional items relating to the issuance of an American Land Title Association Loan Form Policy:

Placer Title Company states that the herein described property is commercial property and that the property address is:

12347 Fern Road, Whitmore, CA 96096

*****NOTICE REGARDING MAPS**

Any maps provided herewith are for reference only. The property and/or easements shown are but approximations, and no assurances are given as to accuracy, reliability, dimensions or acreage. This will not limit the coverage provided by a CLTA 116, 116.1 or 116.03 endorsement if issued to the policy.

***** NOTICE REGARDING FUNDS DEPOSITED IN ESCROW:**

IMPORTANT NOTICE- ACCEPTABLE TYPE OF FUNDS

Please be advised that in accordance with the provisions of the California Insurance Code, Section 12413.1, any funds deposited for the closing must be deposited into the escrow depository and cleared prior to disbursement. Funds deposited by wire transfer may be disbursed upon receipt. Funds deposit via cashier's checks drawn on a California based bank may be disbursed the next business day. If funds are deposited with the Company by other methods, recording and/or disbursement may be delayed.

IMPORTANT NOTE: PLEASE BE ADVISED THAT ESCROW HOLDER DOES NOT ACCEPT CASH, MONEY ORDERS, ACH TRANSFERS, OR FOREIGN CHECKS.

PLEASE CONTACT ESCROW REGARDING QUESTIONS ON TYPE OF FUNDS REQUIRED IN ORDER TO FACILITATE THE PROMPT CLOSING OF THIS TRANSACTION.

NOTE: If you intend to remit multiple cashier's checks to close your escrow (which may or may not include gift funds or third party funds) IRS cash reporting under IRS Code 8300 may be required. For this reason, you may wish to consider wiring funds in lieu of remitting cashier's checks.

***** DISCLOSURE OF DISCOUNTS *****

You may be entitled to a discount on your title premiums and/or escrow fees if you meet any of the following conditions:

1. You are an employee of the title insurer or Placer Title Company and the property is your primary residence; or
2. The transaction is a loan, the purpose of which is to rebuild the improvements on the property as a result of a governmentally declared disaster; or
3. The property is being purchased or encumbered by a religious, charitable or nonprofit organization for its use within the normal activities for which such entity was intended.

Please advise the company if you believe any of the above discounts apply.

***** LENDER'S NOTE *****

In accordance with Executive Order 13224, and the USA Patriot Act, **PLACER TITLE COMPANY** compares the names of parties to the proposed transaction to the Specially Designated Nationals and Blocked Persons (SDN List) maintained by the United States Office of Foreign Asset Control.

***** BUYER'S NOTE *****

If an ALTA Residential Owner's Policy is requested and if the property described herein is determined to be eligible for this policy, the following Exceptions From Coverage will appear in the policy:

1. Taxes or assessments which are not shown as liens by the public records or by the records of any taxing authority.
2. (a) Water rights, claims or title to water; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) unpatented mining claims; whether or not the matters exception under (a), (b) or (c) are shown by the public records.
3. Any rights, interest or claims of parties in possession of the land which are not shown by the public records.
4. Any easements or liens not shown by the public records. This exception does not limit the lien coverage in Item 8 of the Covered Title Risks.
5. Any facts about the land which a correct survey would disclose and which are not shown by the public records. This exception does not limit the forced removal coverage in Item 12 of the Covered Title Risks.

CLTA PRELIMINARY REPORT FORM
Attachment One (Rev 06-05-14)
CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
(a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy; or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I (continued)

2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13) EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning: a) building; b) zoning; c) land use; d) improvements on the Land; e) land division; and f) environmental protection. This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks: a) that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records; b) that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date; c) that result in no loss to You; or d) that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right: a) to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and b) in streets, alleys, or waterways that touch the Land. This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount or \$2,500.00 (whichever is less)	\$10,000.00
Covered Risk 18:	1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 19:	1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 21:	1% of Policy Amount or \$2,500.00 (whichever is less)	\$5,000.00

2006 ALTA LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;
 or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
 (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.

EXCLUSIONS FROM COVERAGE (continued)

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.

2006 ALTA OWNER'S POLICY (06-17-06) EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.

EXCLUSIONS FROM COVERAGE (continued)

3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
 - (a) a fraudulent conveyance or fraudulent transfer; or
 - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown in the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and that are not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.
7. [Variable exceptions such as taxes, easements, CC&R's, etc. shown here.]

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (12-02-13)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

NOTICE
FEDERAL FOREIGN INVESTMENT IN REAL PROPERTY TAX ACT OF 1980 (FIRPTA)

Upon the sale of United States real property, by a non-resident alien, foreign corporation, partnership or trust, the Foreign Investment in Real Property Tax Act of 1980 (FIRPTA), and as revised by the Tax Reform Act of 1984 (26 USCA 897 (C)(1)(A)(1) and 26 USCA 1445), Revised by the Path Act of 2015, These changes may be reviewed in full in H.R. 2029, now known as Public Law 114-113. See Section 324 of the law for the full text of FIRPTA changes. Effective February 27, 2016, the amendments to FIRPTA contained in the PATH Act have increased the holdback rate from 10% of gross proceeds to 15% of gross proceeds of the sale, regardless of whether the actual tax due may exceed (or be less than) the amount withheld if ANY of the following conditions are met:

1. If the amount realized (generally the sales price) is \$300,000 or less, and the property will be used by the Transferee as a residence (as provided for in the current regulations), no monies need be withheld or remitted to the IRS.
 2. If the amount realized exceeds \$300,000 but does not exceed \$1,000,000, and the property will be used by the Transferee as a residence, (as provided for in the current regulations) then the withholding rate is 10% on the full amount realized (generally the sales prices)
 3. If the amount realized exceeds \$1,000,000, then the withholding rate is 15% on the entire amount, regardless of use by the Transferee. The exemption for personal use as a residence does not apply in this scenario.
- If the purchaser who is required to withhold income tax from the seller fails to do so, the purchaser is subject to fines and penalties as provided under Internal Revenue Code Section 1445.

Escrow Holder will, upon written instructions from the purchaser, withhold Federal Income Tax from the seller and will deposit said tax with the Internal Revenue Service, together with IRS Forms 8288 and 8288-A. The fee charged for this service is \$25.00 payable to the escrow holder.

CALIFORNIA WITHHOLDING

In accordance with Sections 18662 and 18668 of the Revenue and Taxation Code, a transferee (Buyer) may be required to withhold an amount equal to 3 1/3 percent of the sales price or an alternative withholding amount certified to by the seller in the case of a disposition of California real property interest by either:

1. A seller who is an individual or when the disbursement instructions authorize the proceeds to be sent to a financial intermediary or the seller,
OR
2. A corporate seller that has no permanent place of business in California.

The buyer may become subject to penalty for failure to withhold an amount equal to the greater of 10 percent of the amount required to be withheld or five hundred dollars (\$500).

However, notwithstanding any other provision included in the California statutes referenced above, no buyer will be required to withhold any amount or be subject to penalty for failure to withhold if:

1. The sales price of the California real property conveyed does not exceed one hundred thousand dollars (\$100,000.00), OR
2. The seller executes a written certificate, under the penalty of perjury, of any of the following:
 - a. The property qualifies as the seller's (or decedent's, if being sold by the decedent's estate) principal residence within the meaning of Internal Revenue Code (IRC) Section 121; or
 - b. The seller (or decedent, if being sold by the decedent's estate) last used the property as the seller's (decedent's) principal residence within the meaning of IRC Section 121 without regard to the two-year time period; or
 - c. The seller has a loss or zero gain for California income tax purposes on this sale; or
 - d. The property is being compulsorily or involuntarily converted and the seller intends to acquire property that is similar or related in service or use to qualify for non-recognition of gain for California income tax purposes under IRC Section 1033; or
 - e. If the transfer qualifies for non-recognition treatment under IRC Section 351 (transfer to a corporation controlled by the transferor) or IRC Section 721 (contribution to a partnership in exchange for a partnership interest); or
 - f. The seller is a corporation (or an LLC classified as a corporation for federal and California income tax purposes) that is either qualified through the California Secretary of State or has a permanent place of Business in California; or
 - g. The seller is a partnership (or an LLC that is not a disregarded single member LLC and is classified as a partnership for federal and California income tax purposes) with recorded title to the property in the name of the partnership of LLC; or
 - h. The seller is a tax-exempt entity under either California or federal law; or
 - i. The seller is an insurance company, individual retirement account, qualified pension/profit sharing plan, or charitable remainder trust; or
 - j. The transfer qualifies as a simultaneous like-kind exchange within the meaning of IRC Section 1031; or
 - k. The transfer qualifies as a deferred like-kind exchange within the meaning of IRC Section 1031; or
 - l. The transfer of this property will be an installment sale that you will report as such for California tax purposes and the buyer has agreed to withhold on each principal payment instead of withholding the full amount at the time of transfer.

The Seller is subject to penalty for knowingly filing a fraudulent certificate for the purpose of avoiding the withholding requirement.

NOTICE
DEPOSIT OF FUNDS AND DISBURSEMENT DISCLOSURE

Unless you elect otherwise (as described below), all funds received by (the "Company") in escrow will be deposited with other escrow funds in one or more non-interest bearing escrow accounts of the Company in a financial institution selected by the Company. The depositor acknowledges that the deposit of funds in a non-interest bearing demand account by Escrow Holder may result in said company receiving a range of economic benefits from the bank in the form of services, credits, considerations, or other things of value. The depositor hereby specifically waives any claim to such economic benefits payable to Escrow Holder resulting from non-interest bearing deposits. Unless you direct the Company to open an interest-bearing account (as described below), the Company shall have no obligation to account to you in any manner for the value of, or to compensate any party for, any benefit received by the Company and/or its affiliated company. Any such benefits shall be deemed additional compensation of the Company for its services in connection with the escrow.

If you elect, funds deposited by you prior to the close of escrow may be placed in an individual interest-bearing account arrangement that the Company has established with one of its financial institutions. You do not have an opportunity to earn interest on the funds deposited by a lender. If you elect to earn interest through this special account arrangement, the Company will charge you an additional fee of \$50.00 for the establishment and maintenance of the account. This fee compensates the Company for the costs associated with opening and managing the interest-bearing account, preparing correspondence/documentation, transferring funds, maintaining appropriate records for audit/reconciliation purposes, and filing any required tax withholding statements. It is important that you consider this cost in your decision since the cost may exceed the interest you earn.

PRIVACY POLICY NOTICE

Purpose Of This Notice

Title V of the Gramm-Leach-Bliley Act (GLBA) generally prohibits any financial institution, directly or through its affiliates, from sharing nonpublic personal information about you with a nonaffiliated third party unless the institution provides you with a notice of its privacy policies and practices, such as the type of information that it collects about you and the categories of a persons or entities to whom it may be disclosed. In compliance with the GLBA, we are providing you with this document which notifies you of the privacy policies and practices of:

Montana Title and Escrow Company
National Closing Solutions, Inc.
National Closing Solutions of Alabama, LLC
National Closing Solutions of Maryland, Inc.
Texas National Title

Placer Title Company
Placer Title Insurance Agency of Utah
Premier Title Agency
North Idaho Title Insurance Company
Wyoming Title and Escrow Company

We may collect nonpublic personal information about you from the following sources:

- Information we receive from you, such as an application or other forms.
- Information about your transactions we secure from our files, or from our affiliates or others.
- Information we receive from a consumer reporting agency.
- Information we receive from others involved in your transaction, such as the real estate agent or lender.

Unless it is specifically stated otherwise in an amended Privacy Policy Notice, no additional nonpublic personal information will be collected about you.

We may disclose any of the above information that we collect about our customers or former customers to our affiliates or to nonaffiliated third parties as permitted by law.

We also may disclose this information about our customers or former customers to the following types of nonaffiliated companies that perform marketing services on our behalf or with whom we have joint marketing agreements:

- Financial service providers such as companies engaged in banking, consumer finances, securities and insurance.
- Nonfinancial companies such as envelope stuffers and other fulfillment service providers.

We do not disclose any nonpublic personal information about you with anyone for any purpose that is not specifically permitted by law.

We restrict access to nonpublic personal information about you to those employees who need to know that information in order to provide products or services to you. We maintain physical, electronic and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

STG Privacy Notice

Stewart Title Companies

WHAT DO THE STEWART TITLE COMPANIES DO WITH YOUR PERSONAL INFORMATION?

Federal and applicable state law and regulations give consumers the right to limit some but not all sharing. Federal and applicable state law regulations also require us to tell you how we collect, share, and protect your personal information. Please read this notice carefully to understand how we use your personal information. This privacy notice is distributed on behalf of the Stewart Title Guaranty Company and its title affiliates (the Stewart Title Companies), pursuant to Title V of the Gramm-Leach-Bliley Act (GLBA).

The types of personal information we collect and share depend on the product or service that you have sought through us. This information can include social security numbers and driver's license number.

All financial companies, such as the Stewart Title Companies, need to share customers' personal information to run their everyday business—to process transactions and maintain customer accounts. In the section below, we list the reasons that we can share customers' personal information; the reasons that we choose to share; and whether you can limit this sharing.

Reasons we can share your personal information.	Do we share	Can you limit this sharing?
For our everyday business purposes — to process your transactions and maintain your account. This may include running the business and managing customer accounts, such as processing transactions, mailing, and auditing services, and responding to court orders and legal investigations.	Yes	No
For our marketing purposes — to offer our products and services to you.	Yes	No
For joint marketing with other financial companies	No	We don't share
For our affiliates' everyday business purposes — information about your transactions and experiences. Affiliates are companies related by common ownership or control. They can be financial and non-financial companies. <i>Our affiliates may include companies with a Stewart name; financial companies, such as Stewart Title Company</i>	Yes	No
For our affiliates' everyday business purposes — information about your creditworthiness.	No	We don't share
For our affiliates to market to you – For your convenience, Stewart has developed a means for you to opt out from its affiliates marketing even though such mechanism is not legally required.	Yes	Yes, send your first and last name, the email address used in your transaction, your Stewart file number and the Stewart office location that is handling your transaction by email to optout@stewart.com or fax to 1-800-335-9591.
For non-affiliates to market to you. Non-affiliates are companies not related by common ownership or control. They can be financial and non-financial companies.	No	We don't share

We may disclose your personal information to our affiliates or to non-affiliates as permitted by law. If you request a transaction with a non-affiliate, such as a third party insurance company, we will disclose your personal information to that non-affiliate. [We do not control their subsequent use of information, and suggest you refer to their privacy notices.]

SHARING PRACTICES

How often do the Stewart Title companies notify me about their practices?	We must notify you about our sharing practices when you request a transaction.
How do the Stewart Title Companies protect my personal information?	To protect your personal information from unauthorized access and use, we use security measures that comply with federal law. These measures include computer, file, and building safeguards.
How do the Stewart Title Companies collect my personal information?	We collect your personal information, for example, when you <ul style="list-style-type: none"> ■ request insurance-related services ■ provide such information to us We also collect your personal information from others, such as the real estate agent or lender involved in your transaction, credit reporting agencies, affiliates or other companies.
What sharing can I limit?	Although federal and state law give you the right to limit sharing (e.g., opt out) in certain instances, we do not share your personal information in those instances.

Contact us: *If you have any questions about this privacy notice, please contact us at:* **Stewart Title Guaranty Company,**
1980 Post Oak Blvd., Privacy Officer, Houston, Texas 77056

REGULATORY DATABASE



On time. On target. In touch.™

Radius Report

[GeoLens by GeoSearch](#)

Target Property:

Round Mountain

Fern Road

Whitmore, Shasta County, California 96096

Prepared For:

Mathis & Associates Inc

Order #: 144791

Job #: 348009

Project #: 26101

Date: 04/09/2020

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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

Round Mountain

Fern Road

Whitmore, California 96096

Coordinates

Area centroid (-121.93862, 40.6444661)

1,966 feet above sea level

USGS Quadrangle

Whitmore, CA

Geographic Coverage Information

County/Parish: Shasta (CA)

ZipCode(s):

Whitmore CA: 96096

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
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
FACILITY REGISTRY SYSTEM	FRSCA	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR09	0	0	TP/AP
HAZARDOUS WASTE COMPLIANCE DOCKET FACILITIES	HWCD	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
SSEHRI PFAS CONTAMINATION SITES	SSEHRIPFAS	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
FEMA OWNED STORAGE TANKS	FEMAUST	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
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
MINES LISTING	MINES	0	0	0.2500

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
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	

Database Summary

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	0	0	1.0000
SUB-TOTAL		0	0	
TOTAL		0	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
HWCD	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
NPDES09	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR09	0.0200	0	NS	NS	NS	NS	NS	0
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
SSEHRIPFAS	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

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
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	0.5000	0	0	0	0	NS	NS	0
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
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
WMUDS	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
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

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	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0

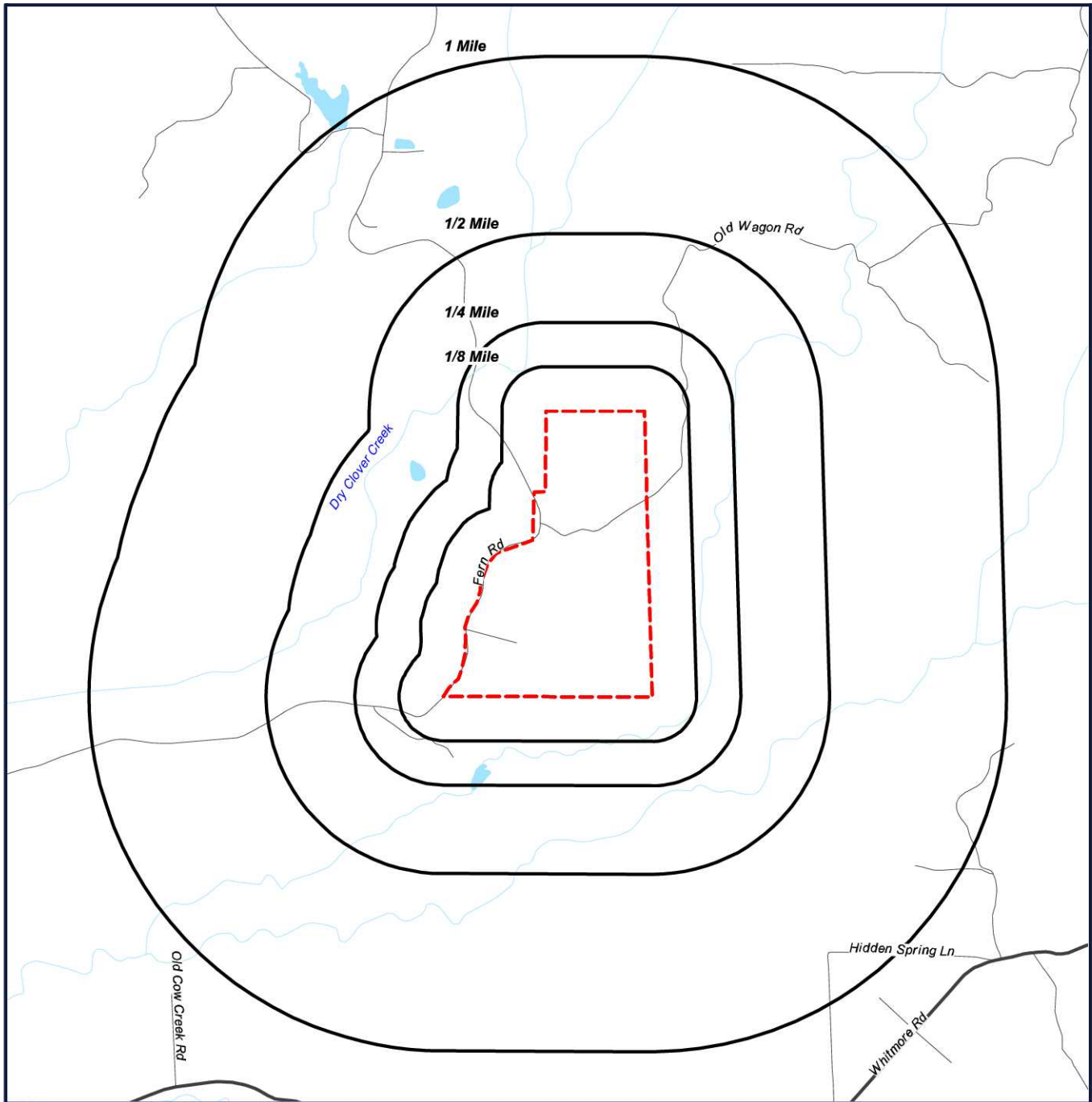
TOTAL		0	0	0	0	0	0	0
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NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1



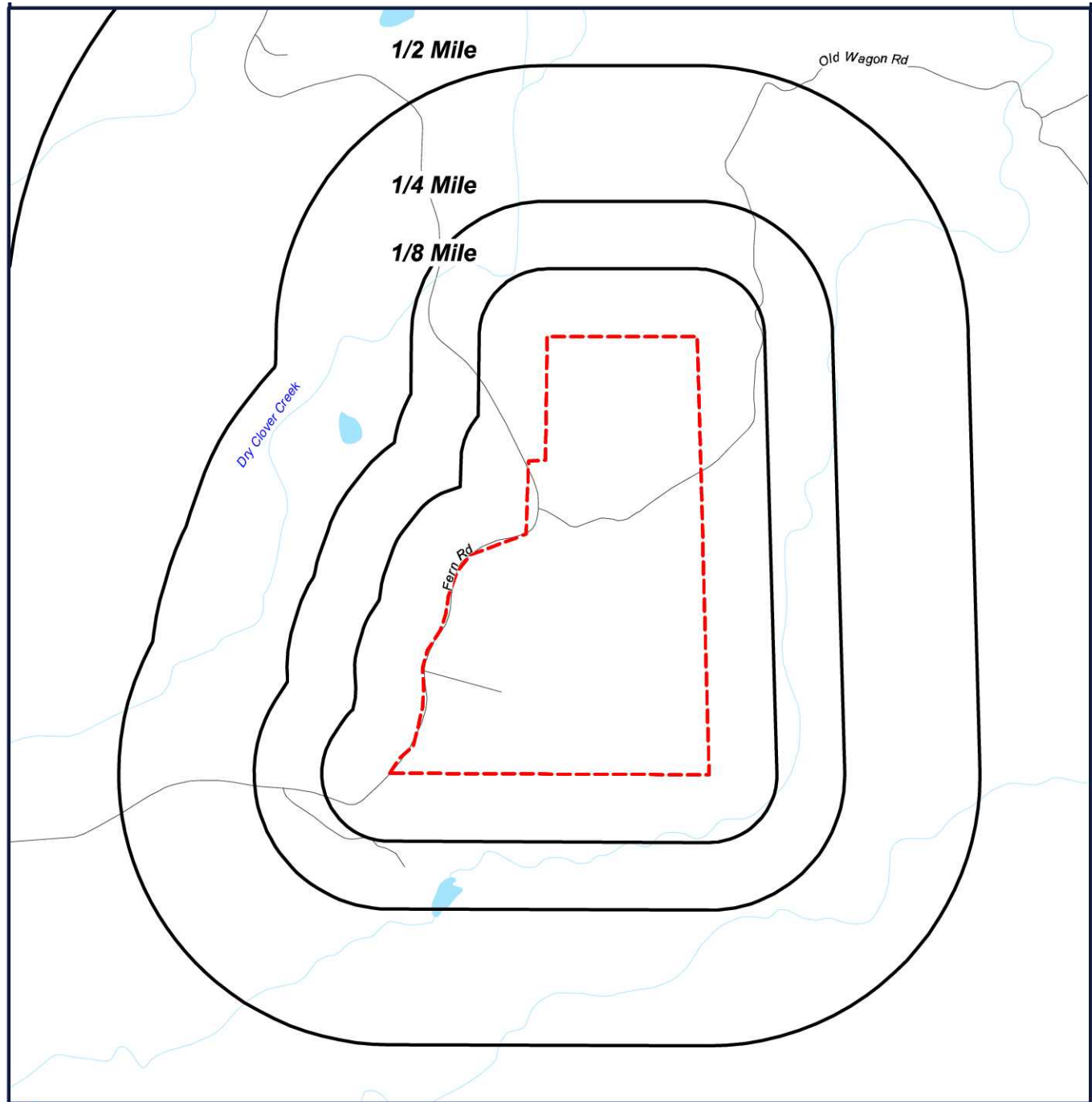
 Target Property (TP)

Round Mountain
Fern Road
Whitmore, California
96096



0' 1150' 2300' 3450'
SCALE: 1" = 2300'

Radius Map 2



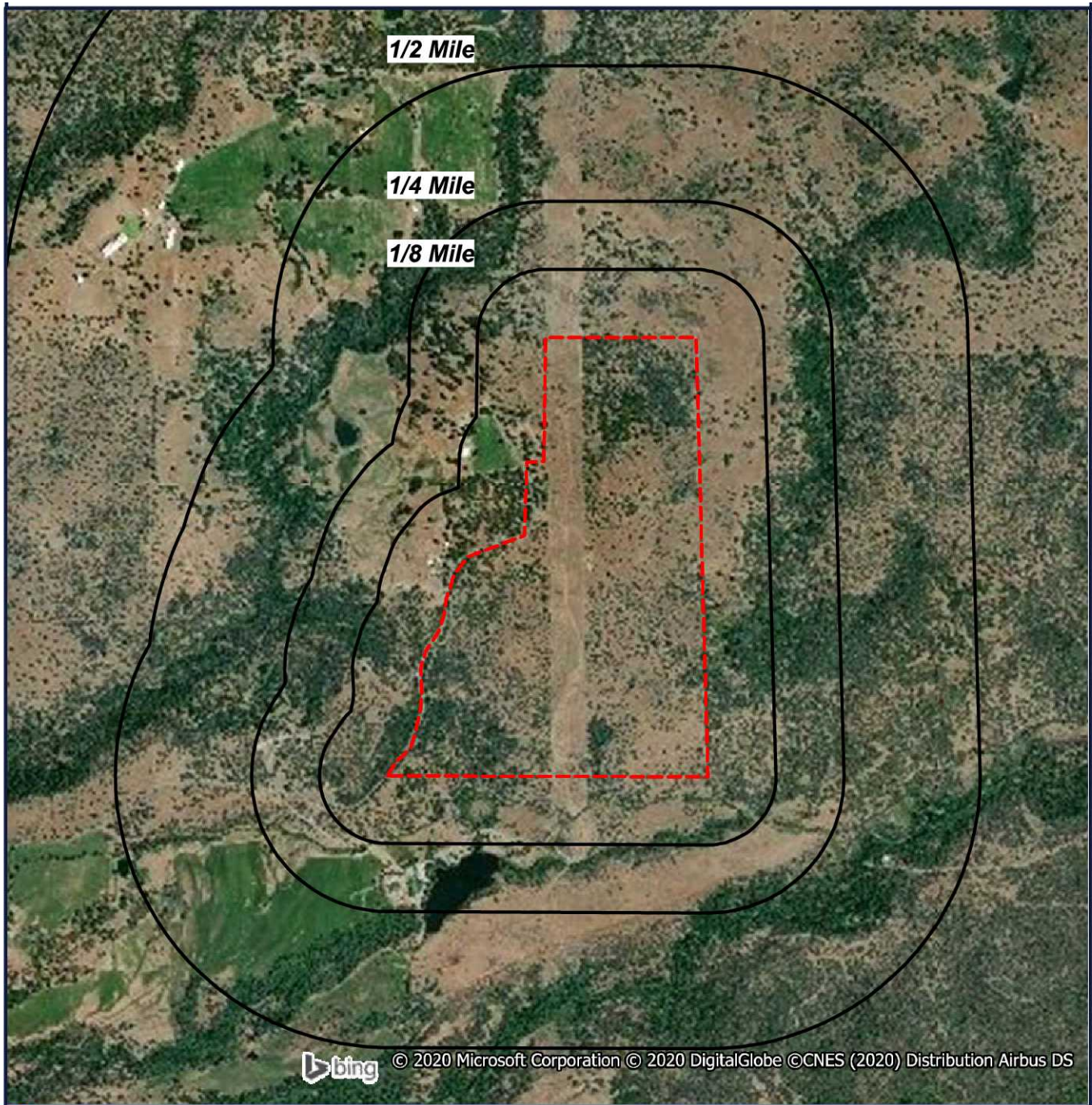
 Target Property (TP)

Round Mountain
Fern Road
Whitmore, California
96096



0' 750' 1500' 2250'
SCALE: 1" = 1500'

Ortho Map



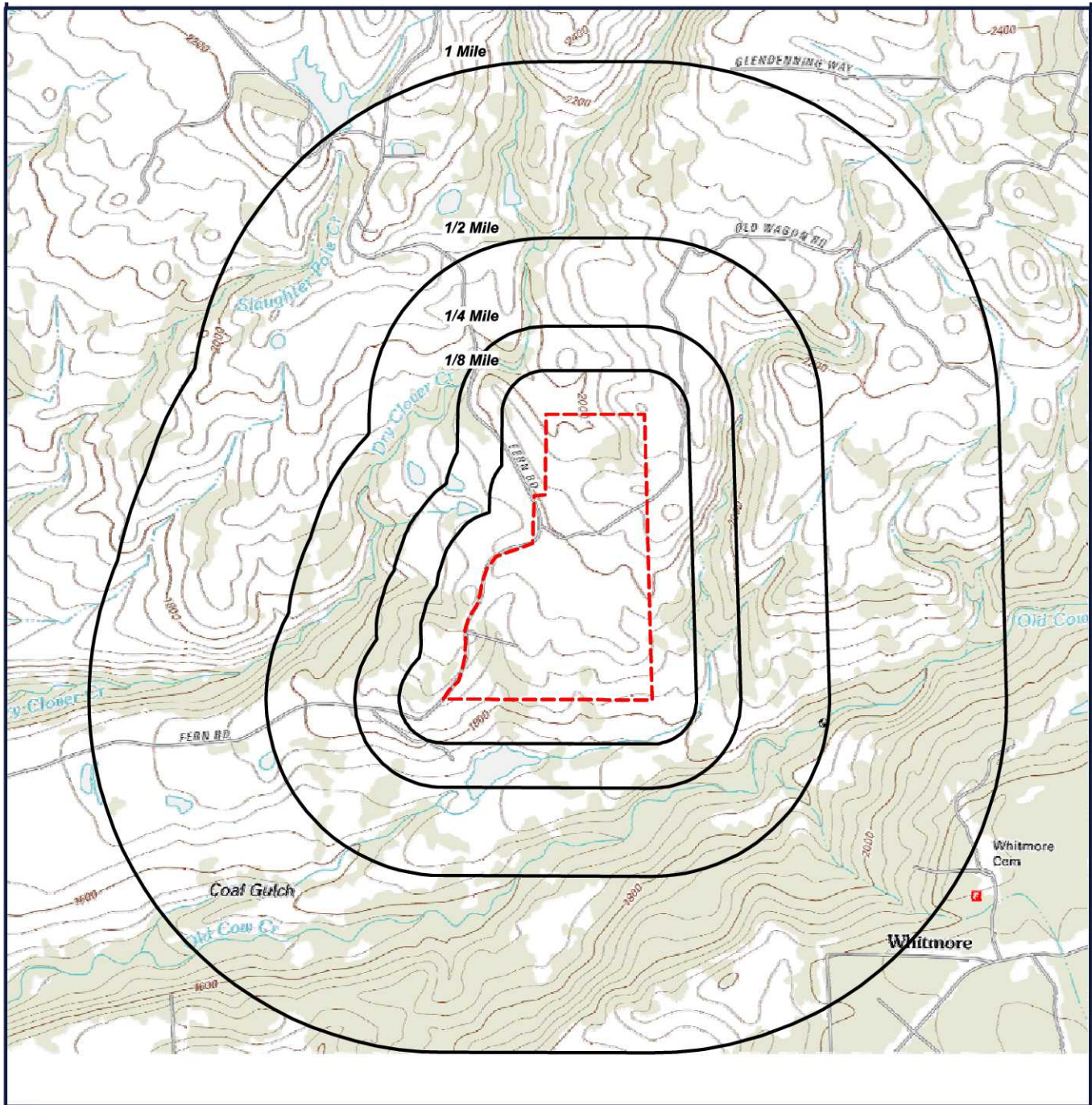
 Target Property (TP)

Quadrangle(s):
Whitmore
Round Mountain
Fern Road
Whitmore, California
96096



0' 750' 1500' 2250'
SCALE: 1" = 1500'

Topographic Map



 Target Property (TP)

Quadrangle(s):
Whitmore
Source: USGS,
02/14/2012
Round Mountain
Fern Road
Whitmore, California
96096



0' 1150' 2300' 3450'
SCALE: 1" = 2300'

Located Sites Summary

No Records Found.

Site Summary By Database

No Records Found.

Unlocated Sites Summary

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

No Records Found

Environmental Records Definitions - FEDERAL

AIRSAFS

Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

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

BRS

Biennial Reporting System

VERSION DATE: 12/31/15

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: 11/26/19

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: 02/26/20

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

Environmental Records Definitions - FEDERAL

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. The data displays remedy component information for Superfund decision documents issued in fiscal years 1982-2017, and it includes final and deleted NPL sites as well as sites with a Superfund Alternative Approach (SAA) agreement in place. The only sites included that are not on the NPL, proposed for NPL, or removed from proposed NPL, are those with an SAA Agreement in place. 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: 10/27/19

The U.S. Environmental Protection Agency'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: 10/06/19

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: 10/09/19

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: 11/20/19

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.

Environmental Records Definitions - FEDERAL

HWCD Hazardous Waste Compliance Docket Facilities

VERSION DATE: 04/29/19

This list of the Federal Agency Hazardous Waste Compliance Docket Facilities is maintained by the United States Environmental Protection Agency (EPA). According to the EPA, Section 120(c) of CERCLA requires EPA to establish a listing, known as the Federal Facility Hazardous Waste Compliance Docket (Docket), of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste. Thus, the Docket identifies all Federal facilities that must be evaluated to determine whether they pose a risk to human health and the environment and it makes this information available to the public. In order for the Docket to remain current and accurate it requires periodic updating.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/21/19

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: 09/22/19

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. This database is provided by the U.S. Environmental Protection Agency.

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. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

Environmental Records Definitions - FEDERAL

NPDES09 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 the U.S. Environmental Protection Agency (EPA) from December 2002 through 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: 10/09/19

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of Polychlorinated Biphenyls (PCB) who are required to notify the U.S. Environmental Protection Agency 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: 02/21/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (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: 10/18/19

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of

Environmental Records Definitions - FEDERAL

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. Please refer to the SEMSLIENS database as source of current data.

SSEHRIPFAS

SSEHRI PFAS Contamination Sites

VERSION DATE: NR

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Please access the following source link for the most current information:
<https://pfasproject.com/pfas-contamination-site-tracker/>

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.)

Environmental Records Definitions - FEDERAL

TRI Toxics Release Inventory

VERSION DATE: 12/31/17

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: 12/31/16

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: 03/23/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (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: 03/23/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (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.

Environmental Records Definitions - FEDERAL

ALTFUELS Alternative Fueling Stations

VERSION DATE: 09/24/19

Nationwide list of alternative fueling stations made available by the U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Bio-diesel 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: 09/21/19

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The U.S. Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments. The following Primary SIC Codes are included in this data: 7211, 7212, 7213, 7215, 7216, 7217, 7218, and/or 7219; the following Primary NAICS Codes are included in this data: 812320, 812331, and/or 812332.

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: 09/20/19

Environmental Records Definitions - FEDERAL

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: 10/15/19

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: 01/27/20

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: 03/23/20

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: 03/23/20

Environmental Records Definitions - FEDERAL

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (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: 01/27/20

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

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 01/27/20

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System Archived Site Inventory (List 8R Archived) replaced the CERCLIS NFRAP reporting system in 2015. This listing reflects sites at which the EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program.

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 11/26/19

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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).

Environmental Records Definitions - FEDERAL

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: 12/31/18

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. Department of Energy (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: 03/23/20

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,

Environmental Records Definitions - FEDERAL

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: 01/27/20

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: 01/27/20

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: 03/23/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (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: 03/23/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (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

Environmental Records Definitions - FEDERAL

to facilities subject to corrective actions.

RODS Record of Decision System

VERSION DATE: 01/27/20

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

Environmental Records Definitions - STATE (CA)

CDL Clandestine Drug Labs

VERSION DATE: 12/31/18

The California Department of Toxic Substance Control (DTSC) maintains this listing of illegal drug laboratories. DTSC maintains a limited cost-tracking database to manage and pay appropriate contractor invoices for removal costs. The data source is an expenditure report with the contractors' invoice information and the reported removal action locations. The reported location information may or may not include the actual location of the illegal drug lab for several reasons. First, DTSC receives the location information verbally from law enforcement or local environmental health officials in the initial request for emergency support. Second, DTSC does not verify the information received and does not perform "data cleaning" or other measures to ensure data quality. Third, the location information may not be the actual location of an illegal drug lab or any hazardous substance release to the environment. The initial report may have provided the location of the nearest identifiable address to an illegal drug lab or mobile lab or abandonment of illegal drug lab wastes, or a nearby meeting location for the contractor. Please note the DTSC does not guarantee the accuracy of the address or location information or the condition of the location listed. The listing of an address or location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the address or location either requires or does not require additional cleanup work or mitigation action.

CHMIRS California Hazardous Material Incident Report System

VERSION DATE: 12/24/19

The California Hazardous Material Incident Report System list is maintained by the California Governor's Office of Emergency Services (OES). This list contains all spills called in to the California OES Warning Center for a specific year since 1993.

DTSCDR DTSC Deed Restrictions

VERSION DATE: 03/24/20

The California Department of Toxic Substances Control (DTSC) maintains this list 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: 12/31/17

This list of Emissions Inventory Data is maintained by the California Environmental Protection Agency California Environmental Agency Air Resources Board. This list includes criteria pollutant data and toxic data. Please note gas stations, print shops, autobody shops, and dry cleaners are not included in this list.

Environmental Records Definitions - STATE (CA)

HWTS Hazardous Waste Tanner Summary

VERSION DATE: 12/31/17

The Hazardous Waste Tanner Summary is maintained by the California Department of Toxic Substances Control (DTSC). This list includes data extracted from the copies of hazardous waste manifests received each year by the DTSC.

LDS Land Disposal Sites

VERSION DATE: 04/03/20

This list of Land Disposal sites (Landfills) is a subset of the GeoTracker Cleanup Sites database, maintained by the California State Water Resources Control Board. Sites are queried from GeoTracker by case type = Land Disposal Site.

LIENS Recorded Environmental Cleanup Liens

VERSION DATE: 11/18/19

The California Department of Toxic Substance Control (DTSC) maintains this list 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: 04/03/20

This list of Military sites is a subset of the GeoTracker Cleanup Sites database maintained by the California State Water Resources Control Board. Sites are queried from GeoTracker by case type = Military Cleanup Sites. This list includes : Military UST sites; Military Privatized sites; and Military Cleanup sites (formerly known as DoD non UST).

NPDES National Pollutant Discharge Elimination System Facilities

VERSION DATE: 02/19/20

This list of active, historical, and terminated National Pollutant Discharge Elimination System Facilities permits is maintained by the California Environmental Protection Agency State Water Resources Control Board. This data includes storm water general permit enrollees that are active or have been active within the past three years. Please note there can be multiple listings for a single permit due to multiple dischargers, multiple facilities, and/or multiple address listings. Please use the Regulatory Measure ID to identify duplicates, as this is a unique identifier for each permit.

ABST Above Ground Storage Tanks

VERSION DATE: 03/02/20

Environmental Records Definitions - STATE (CA)

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: 06/13/19

This list of dry cleaners is maintained by the California Department of Toxic Substances Control (DTSC). Data is extracted from the DTSC Hazardous Waste Tracking System. This list includes dry cleaner facilities that have registered EPA identification numbers. These facilities are categorized by SIC codes (7211, 7212, 7213, 7215, 7216, 7217, 7218, 7219). 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, therefore this database may exclude registered dry cleaner facilities with incomplete classification information.

DTSCHWT DTSC Registered Hazardous Waste Transporters

VERSION DATE: 01/26/20

The California Department of Toxic Substances Control maintains 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,

Environmental Records Definitions - STATE (CA)

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: 01/20/20

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

MWMP California Medical Waste Management Program Facility List

VERSION DATE: 10/04/19

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) 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. This list contains transporters, treatment, and transfer facilities.

SLIC Spills, Leaks, Investigation & Cleanup Recovery Listing

VERSION DATE: 02/12/20

This list of Spills, Leaks, Investigation & Cleanup Recovery sites is maintained by the California Regional Water Quality Control Board (RWQCB). This list all "non-federally owned" sites that are regulated under the State Water Resources Control Board's Site Cleanup Program and/or similar programs conducted by each of the nine Regional Water Quality Control Boards. Cleanup Program Sites are also commonly referred to as "Site Cleanup Program sites". Cleanup Program Sites are varied and include but are not limited to pesticide and fertilizer facilities, rail yards, ports, equipment supply facilities, metals facilities, industrial manufacturing and maintenance sites, dry cleaners, bulk transfer facilities, refineries, mine sites, landfills, RCRA/CERCLA cleanups, and some brownfields. Unauthorized releases detected at Cleanup Program Sites are highly variable and include but are not limited to hydrocarbon solvents, pesticides, perchlorate, nitrate, heavy metals, and petroleum constituents, to name a few.

SWEEPS Statewide Environmental Evaluation and Planning System

VERSION DATE: 10/01/94

Environmental Records Definitions - STATE (CA)

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: 01/15/20

The California State Water Resources Control Board maintains this list of permitted underground storage tanks. Permitted Underground Storage Tank (UST) Facilities includes facilities at which the owner or operator has been issued a permit to operate one or more USTs by the local permitting agency. Permitted UST Facilities are imported weekly from the California Environmental Reporting System (CERS).

BF Brownfield Sites

VERSION DATE: 02/18/20

This database of Brownfield Memorandum of Agreement (MOA) sites is maintained by the California Environmental Protection Agency. The California Department of Toxic Substances Control (CTSC), the State Water Resources Control Board, and the Regional Water Quality Control Boards (RWQCBs) agreed to a Brownfield Memorandum of Agreement (MOA). The MOA limits the oversight of a brownfields site to one agency, establishes procedures and guidelines for identifying the lead agency, calls for a single uniform site assessment procedure, requires all cleanups to address the requirements of the agencies, defines roles and responsibilities, provides for ample opportunity for public involvement, commits agencies to review time frames, and commits agencies to coordinate and communicate on brownfields issues. The Brownfield MOA site list is obtained from the State Water Resources Control Board GeoTracker online database. This list contains both open and completed sites.

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: 04/03/20

This list of GeoTracker Cleanup Sites is maintained by the California State Water Resources Control Board. The database contains contaminated sites that impact groundwater or have the potential to impact ground water, including sites that require cleanup, such as Leaking Underground Storage Tank Sites, Department of Defense Sites, and Cleanup Program Sites. GeoTracker also contains records for various unregulated projects as well as permitted facilities including: Irrigated Lands, Oil and Gas production, operating Permitted USTs, and Land Disposal Sites. GeoTracker portals retrieve records and view integrated data sets from multiple State Water

Environmental Records Definitions - STATE (CA)

Board programs and other agencies.

CORTESE Cortese List

VERSION DATE: 01/13/20

This list of hazardous waste and substances sites (Cortese List) is maintained by the California Department of Toxic Substances Control (DTSC). DTSC's Brownfields and Environmental Restoration Program (Cleanup Program) EnviroStor database provides DTSC's component of Cortese List data by identifying Annual Workplan (now referred to State Response and/or Federal Superfund), and Backlog sites listed under Health and Safety Code section 25356. In addition, DTSC's Cortese List includes Certified with Operation and Maintenance sites. The list, or a site's presence on the list, has bearing on the local permitting process as well as on compliance with the California Environmental Quality Act (CEQA). Because this statute was enacted over twenty years ago, some of the provisions refer to agency activities that were conducted many years ago and are no longer being implemented and, in some cases, the information to be included in the Cortese List does not exist.

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

VERSION DATE: 12/29/19

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

ERAP Expedited Removal Action Program Sites

VERSION DATE: 01/09/20

This list of Expedited Removal Action Program Sites is a subset of the EnviroStor database, maintained by the California Department of the Toxic Substance Control. Sites are queried from Envirostor by site type = State Response ERAP.

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: 04/03/20

This list of leaking underground storage tanks is a subset of the GeoTracker Cleanup Sites database maintained

Environmental Records Definitions - STATE (CA)

by the California State Water Resources Control Board. Sites are queried from GeoTracker by case type = LUST Cleanup Site.

NFA No Further Action Determination

VERSION DATE: 09/09/19

This list of No Further Action (NFA) sites is maintained by the California Department of Toxic Substances Control. NFA identifies sites where a Phase I Environmental Assessment was completed and resulted in a no action required determination. Please refer to ENVIROSTOR for current No Further Action sites.

NFE Sites Needing Further Evaluation

VERSION DATE: 03/03/20

This list of Inactive - Needs Evaluation sites is maintained by the California Department of Toxic Substances Control. These are unconfirmed contaminated properties that need further assessment. This data is queried from the Department of Toxic Substances Control Envirostor online database.

PROC Listing of Certified Processors

VERSION DATE: 02/03/20

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

REF Referred to Another Local or State Agency

VERSION DATE: 03/06/20

This Referred to Another Local or State Agency list, maintained by the California Department of Toxic Substances Control (DTSC), 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. This data is extracted from the DTSC Envirostor online database and is queried by Status = "Refer state and local agencies".

SWIS Solid Waste Information System Sites

VERSION DATE: 12/30/19

This list of Solid Waste Information System Sites is extracted from the Solid Waste Information System (SWIS) database, maintained by the California Department of Resources Recycling and Recovery. The SWIS database includes information on solid waste facilities, operations, and disposal sites located in California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Environmental Records Definitions - STATE (CA)

SWRCY Recycling Centers

VERSION DATE: 02/05/20

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

VCP Voluntary Cleanup Program

VERSION DATE: 01/09/20

This list of Voluntary Cleanup Sites is a subset of the Envirostor database maintained by the California Department of Toxic Substance Control. Sites are queried from Envirostor by site type = Voluntary Cleanup.

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: 01/09/20

This list of Envirostor Cleanup Sites is maintained by the California Department of Toxic Substances Control (DTSC). 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.

ENVIROSTORPCA EnviroStor Permitted and Corrective Action Sites

VERSION DATE: 01/16/20

The California Department of Toxic Substance Control maintains this list of Hazardous Waste sites in their Envirostor online database. This list contains: 1) data pertaining to the Hazardous Waste Sites tracked in Envirostor; 2) the completed activities for Hazardous Waste Units; 3) the completed activities for Hazardous Waste Units undergoing closure; 4) completed maintenance activities; 5) the various "aliases" for a project (Some examples are: alt project name, alt address, EPA ID, etc.).

Environmental Records Definitions - STATE (CA)

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 - TRIBAL

USTR09 Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/04/19

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: 10/04/19

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.

HISTORICAL AERIAL PHOTOGRAPHS

Historical Aerial Photographs

[NEW: GeoLens by Geosearch](#)

Target Property:
Round Mountain
Fern Road
Whitmore, Shasta, California 96096

Prepared For:
Mathis & Associates Inc

Order #: 144791
Job #: 348010
Project #: 26101
Date: 4/10/2020

Target Property Summary

Round Mountain

Fern Road

Whitmore, Shasta, California 96096

USGS Quadrangle: **Whitmore**

Target Property Geometry: **Area**

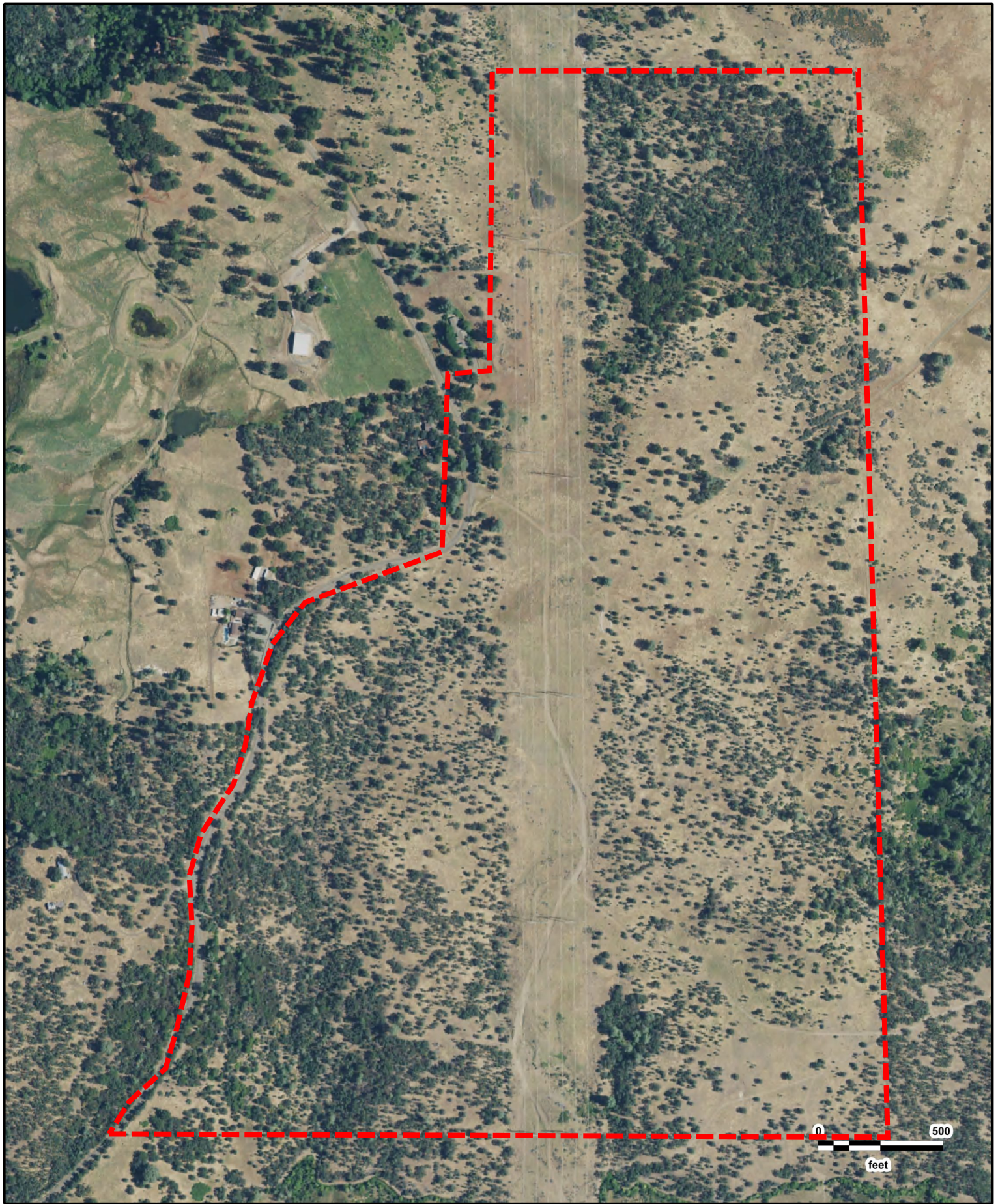
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Aerial Research Summary

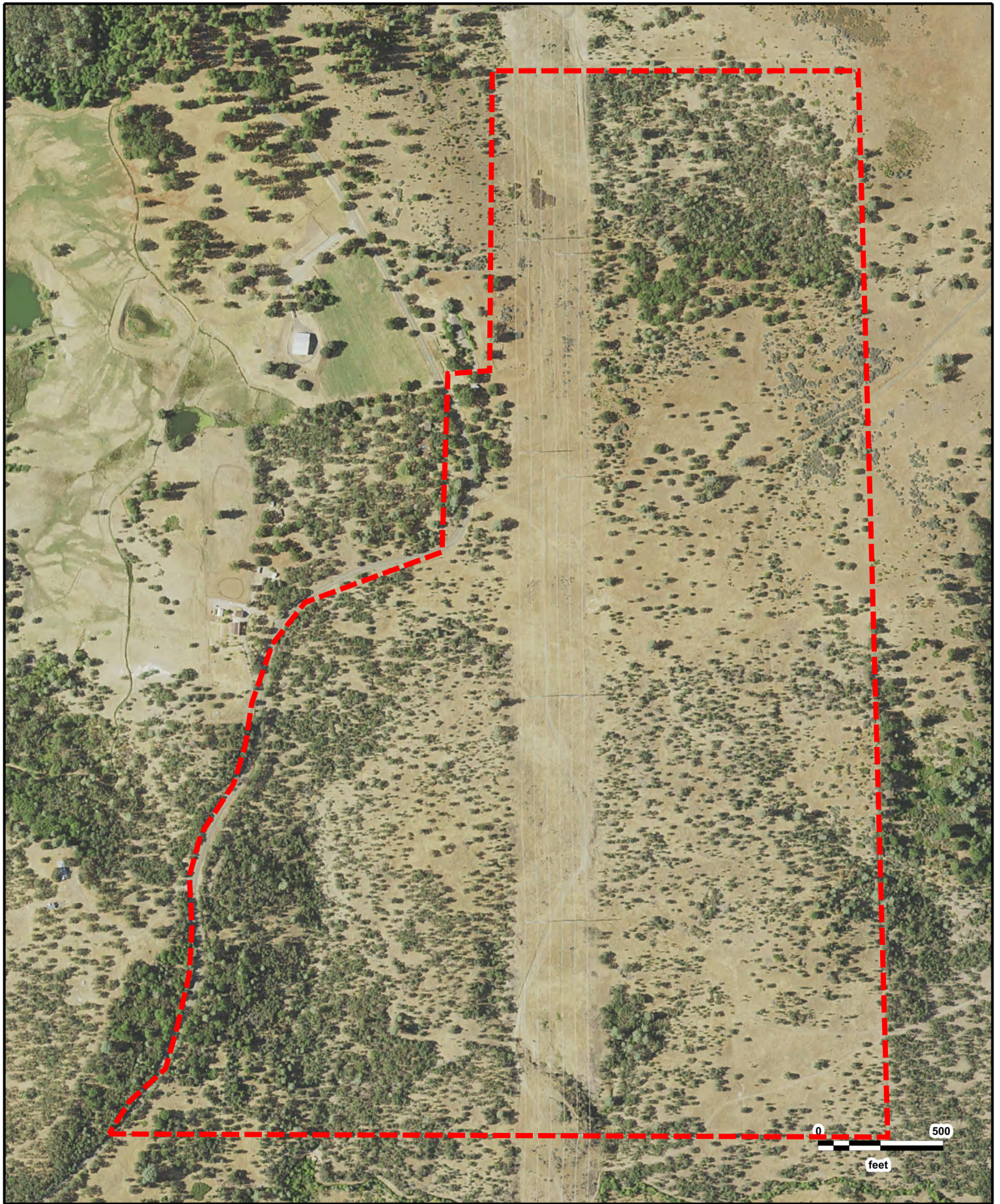
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2014	USDA	1" = 500'	N/A
2012	USDA	1" = 500'	N/A
2010	USDA	1" = 500'	N/A
2009	USDA	1" = 500'	N/A
2006	USDA	1" = 500'	N/A
2005	USDA	1" = 500'	N/A
2004	USDA	1" = 500'	N/A
08/17/1998	USGS	1" = 500'	N/A
06/22/1989	USGS	1" = 700'	1254-82
06/28/1981	USGS	1" = 500'	425-19
09/20/1975	USGS	1" = 500'	4-51
07/18/1969	NASA	1" = 500'	5-82
07/25/1963	ASCS	1" = 1320'	PI-5
09/02/1954	USGS	1" = 500'	1-115
07/22/1952	ASCS	1" = 500'	5-196
08/20/1941	ASCS	1" = 1320'	PI-1

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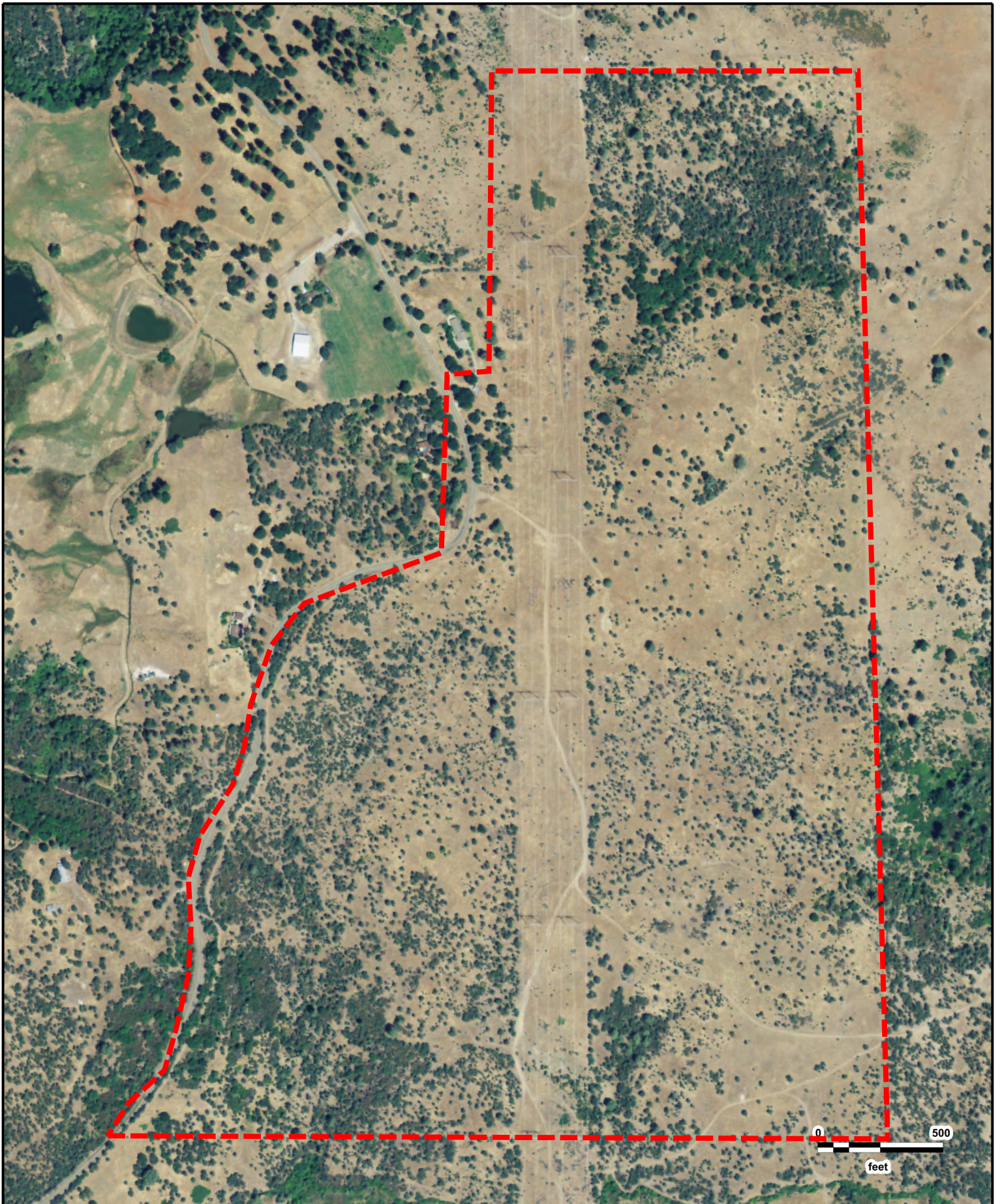
Round Mountain
USDA
2016

GeoSearch



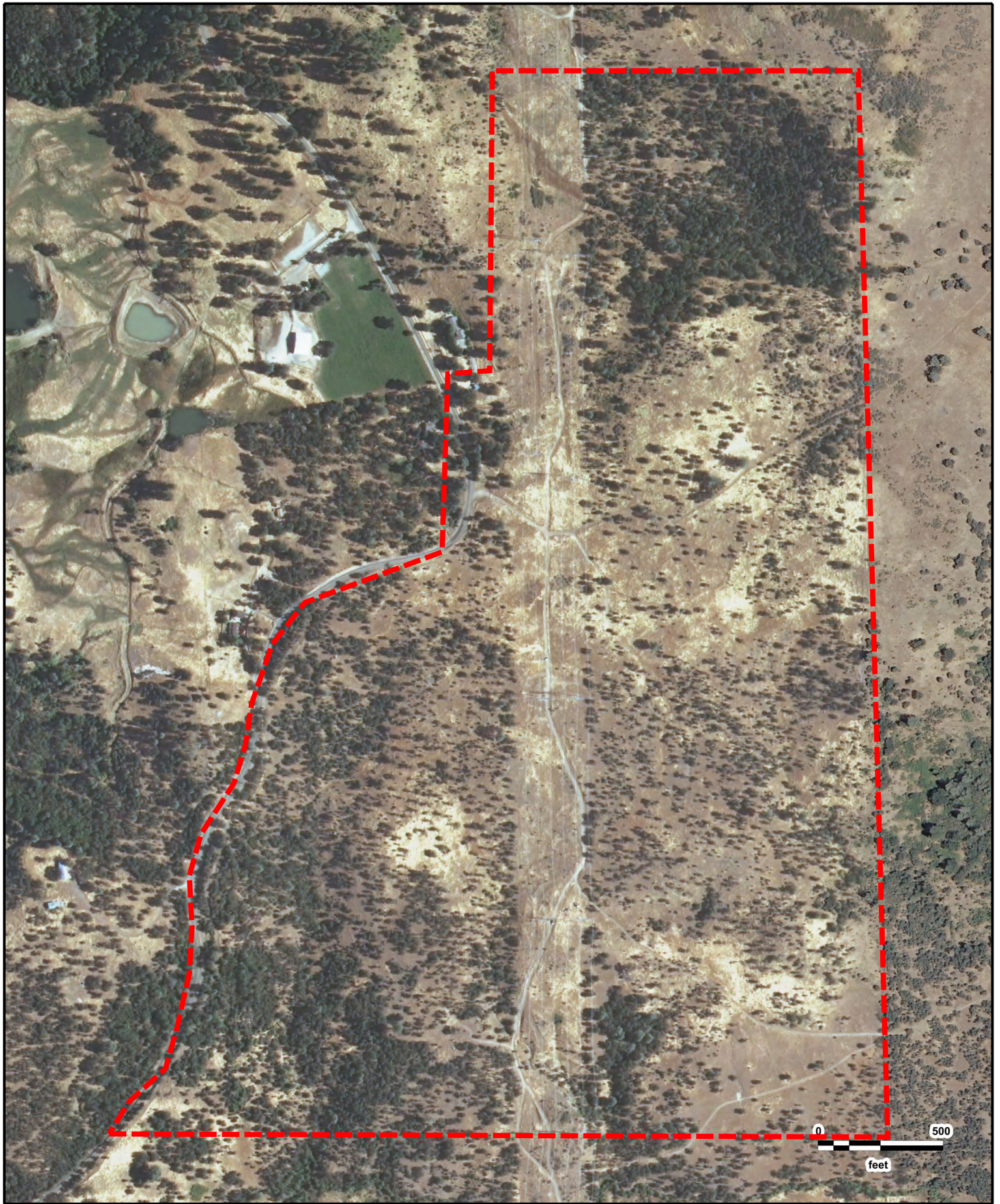
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USDA
2014

GeoSearch



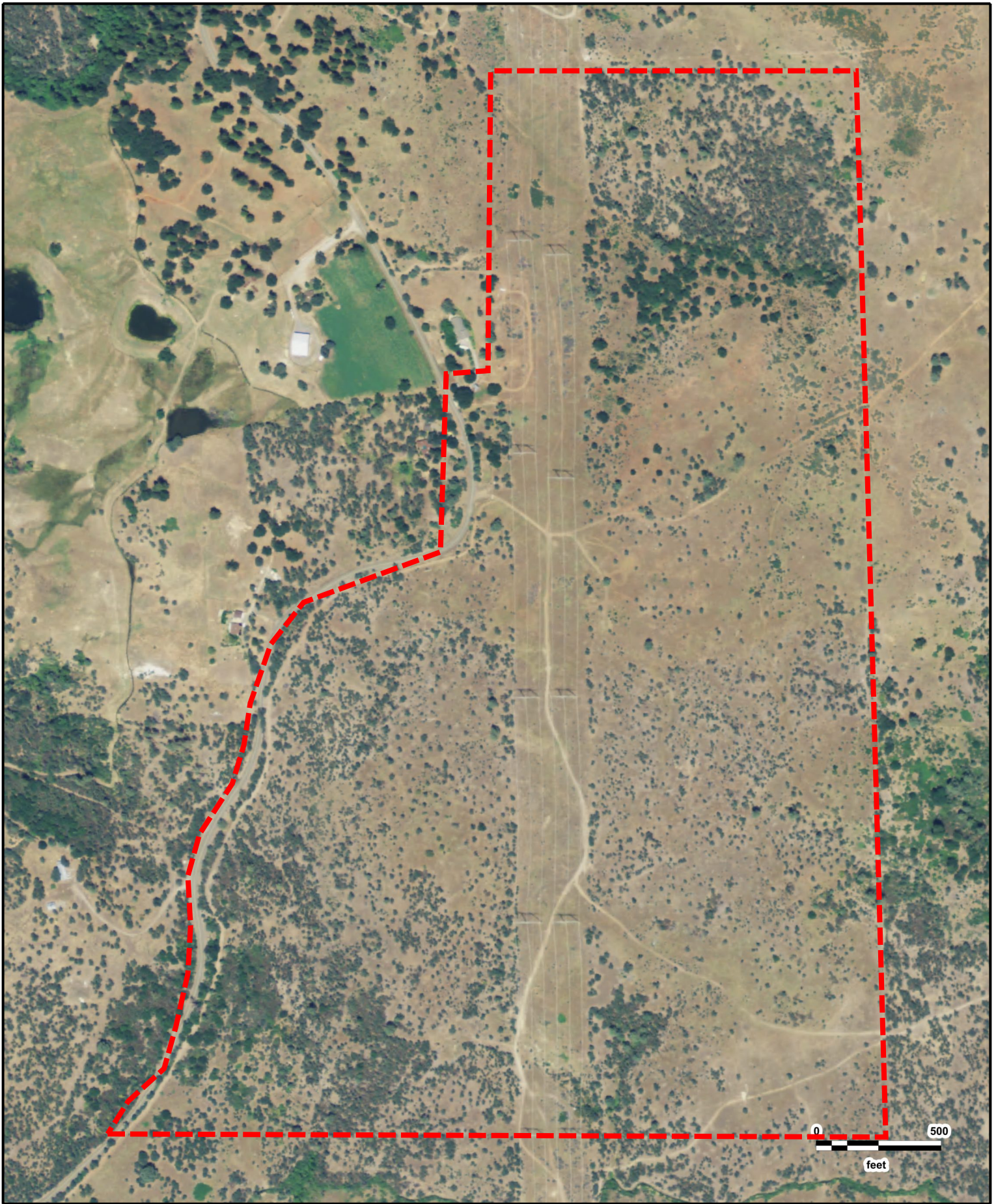
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USDA
2012

GeoSearch



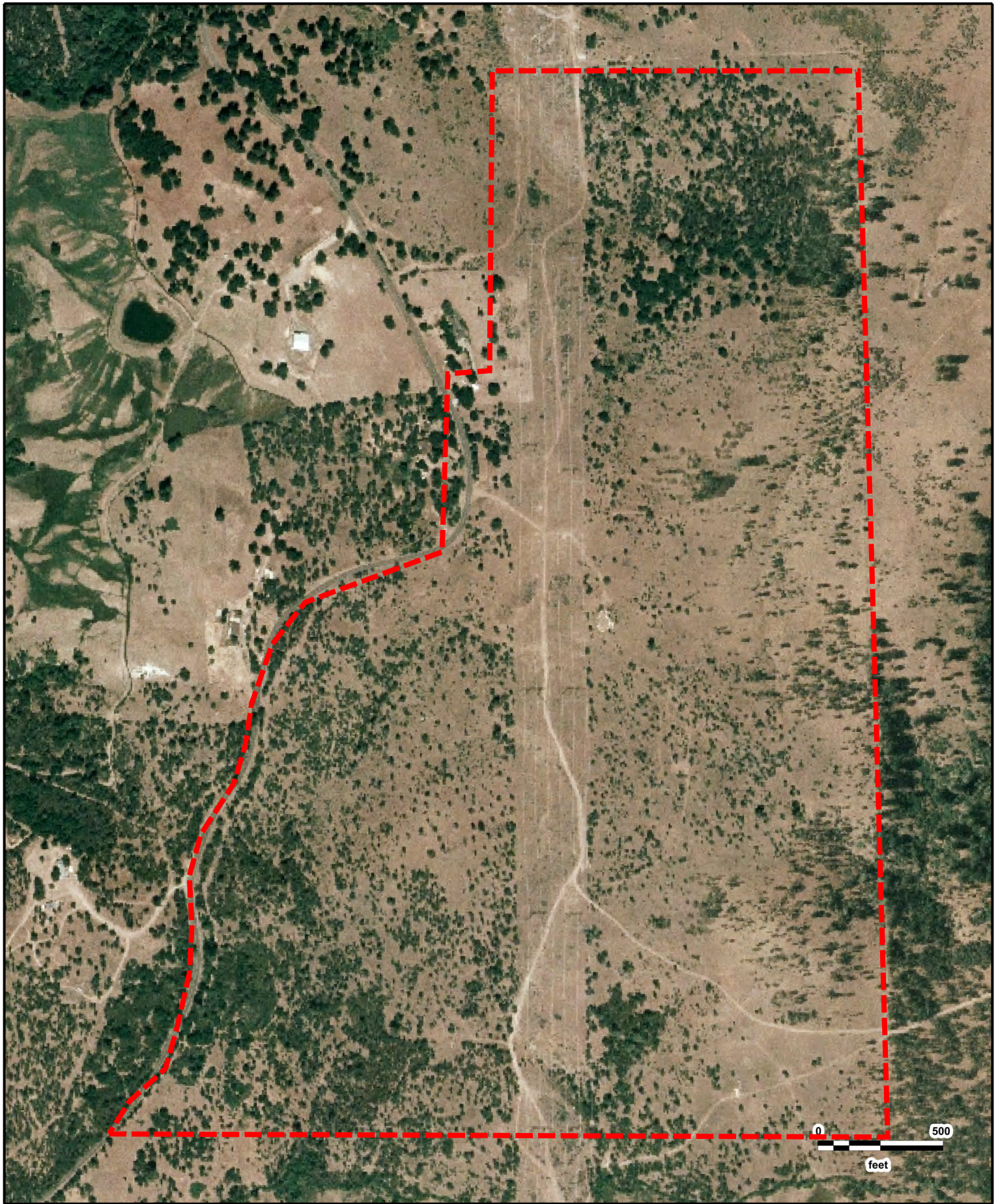
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USDA
2010

GeoSearch



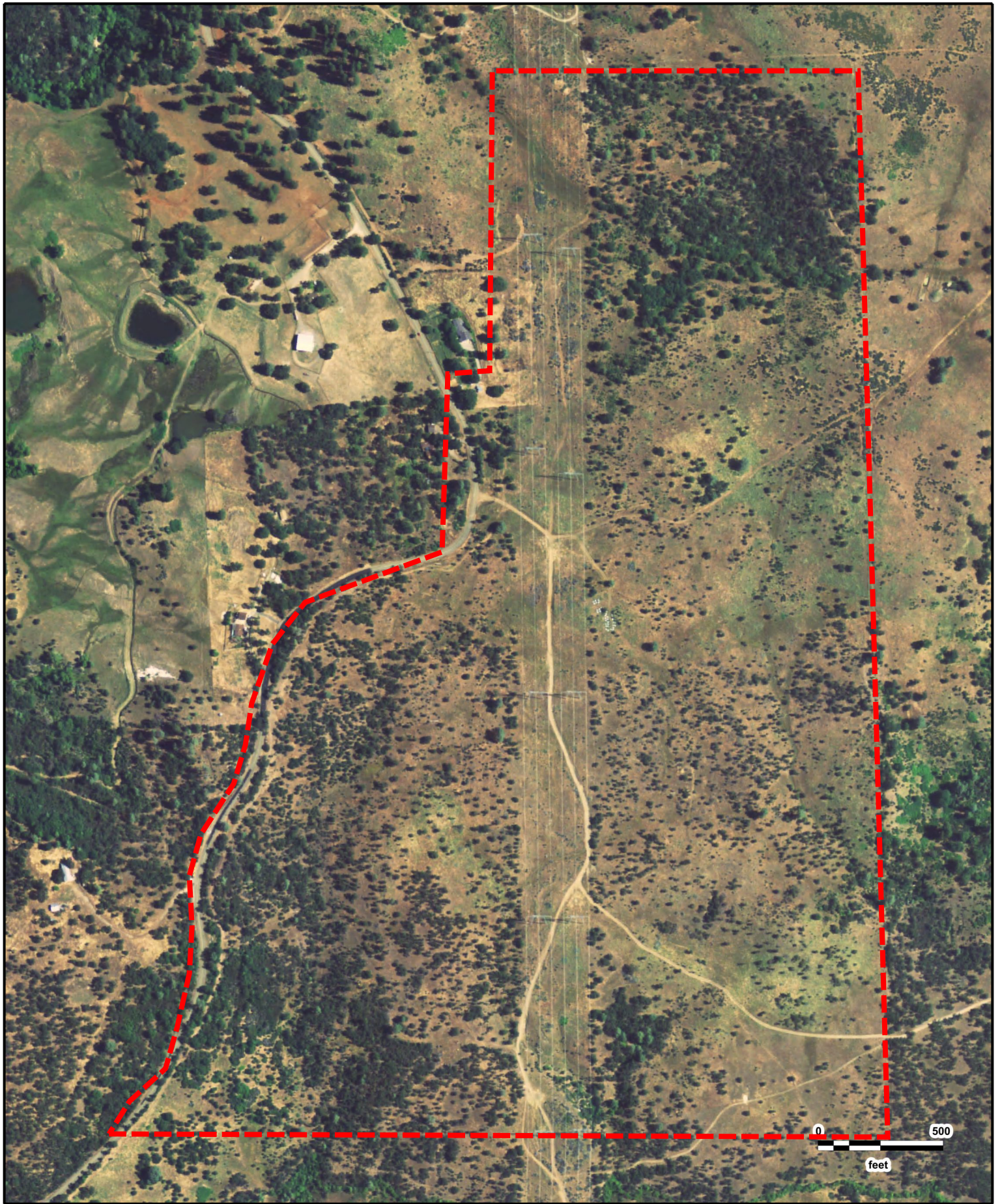
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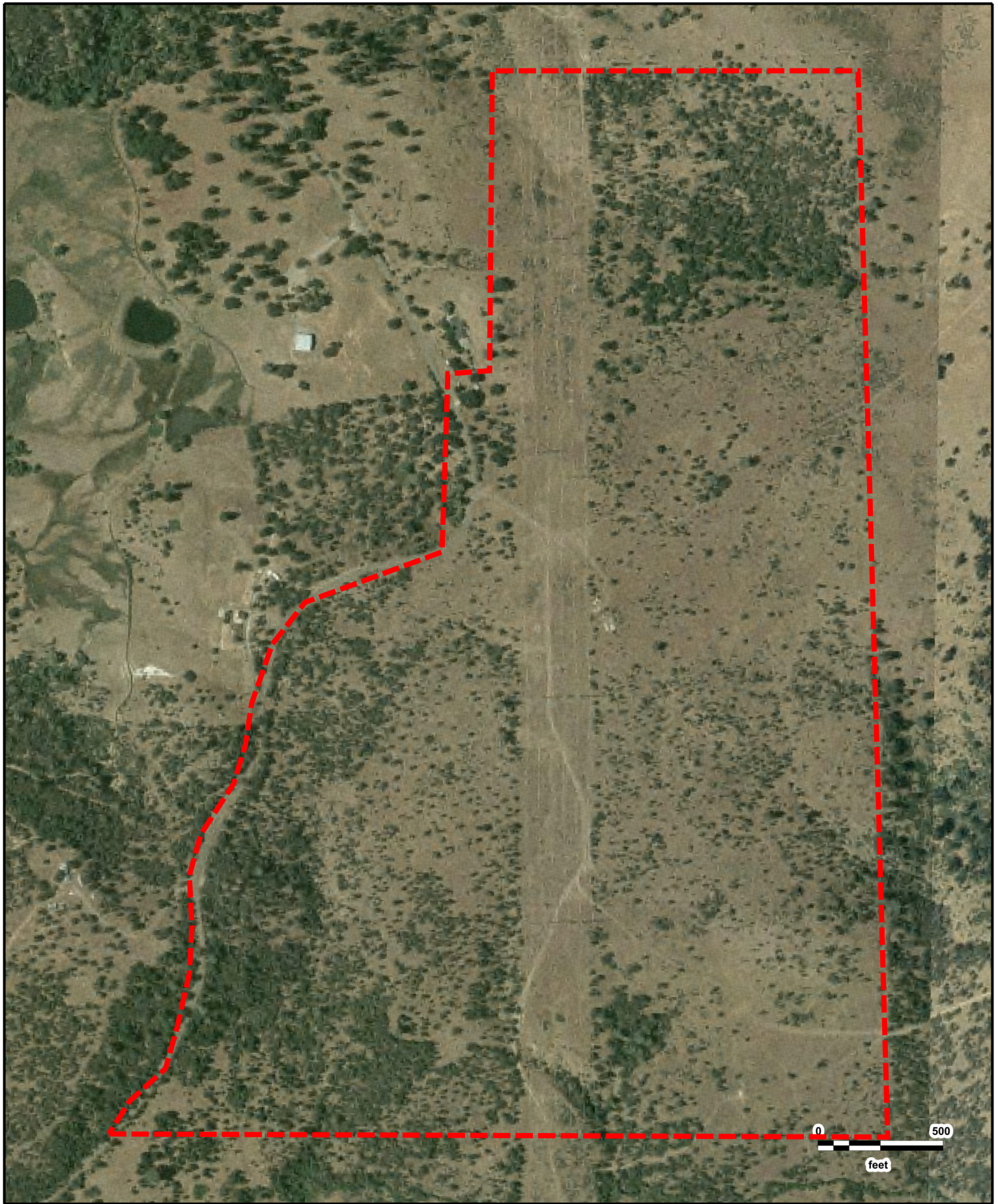
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USDA
2006

GeoSearch



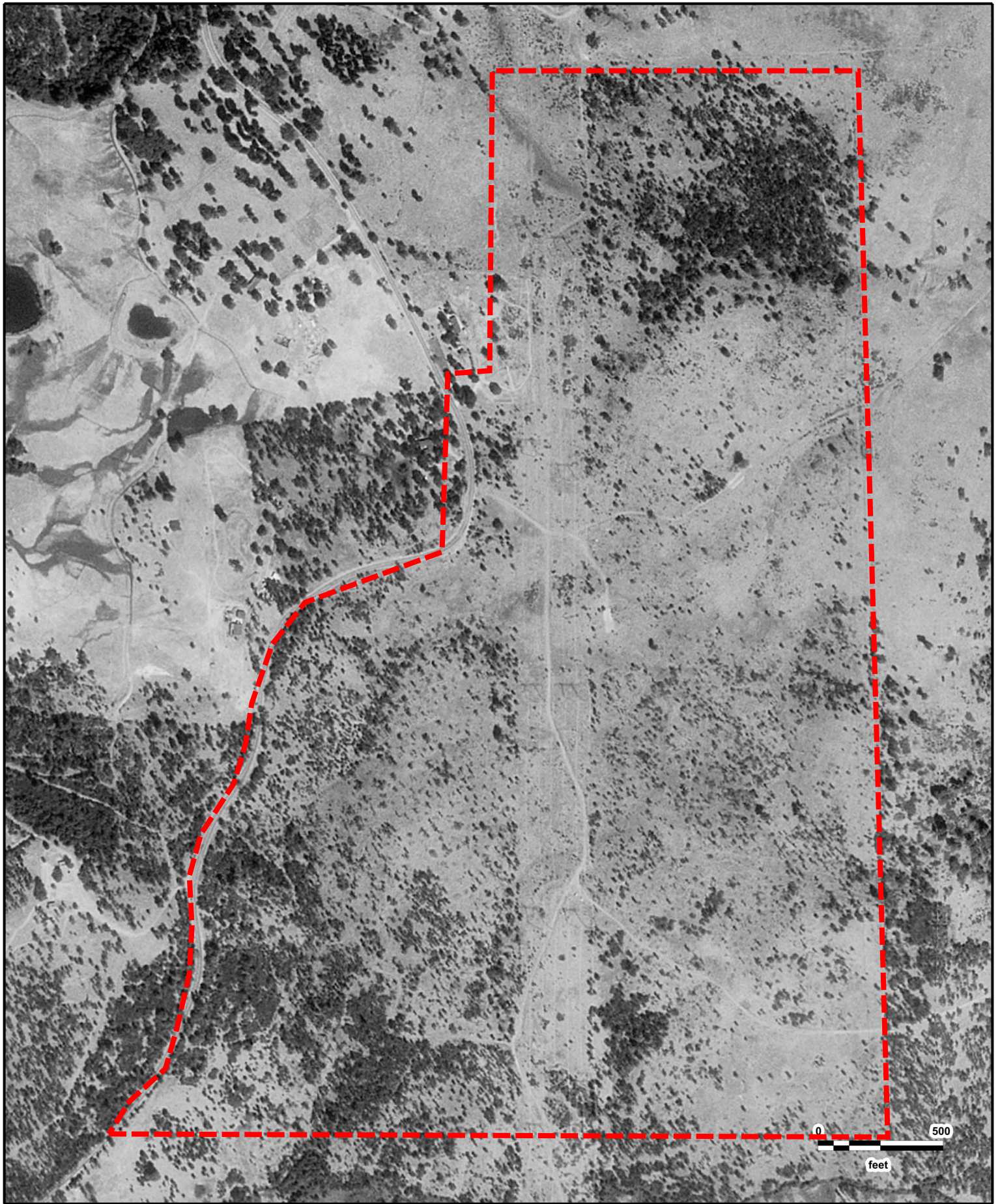
Round Mountain
USDA
2005

GeoSearch



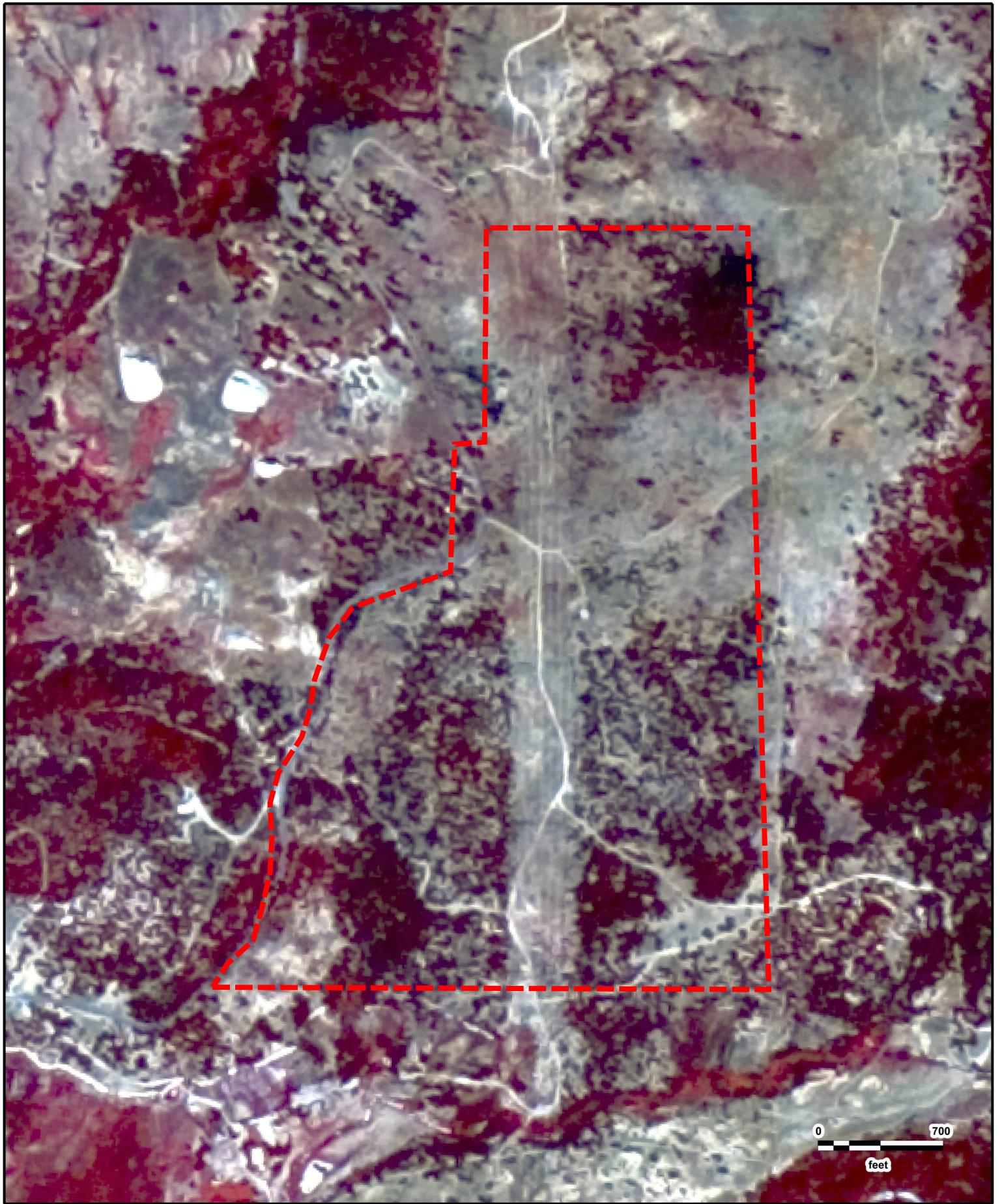
Round Mountain
USDA
2004

GeoSearch



Round Mountain
USGS
08/17/1998

GeoSearch

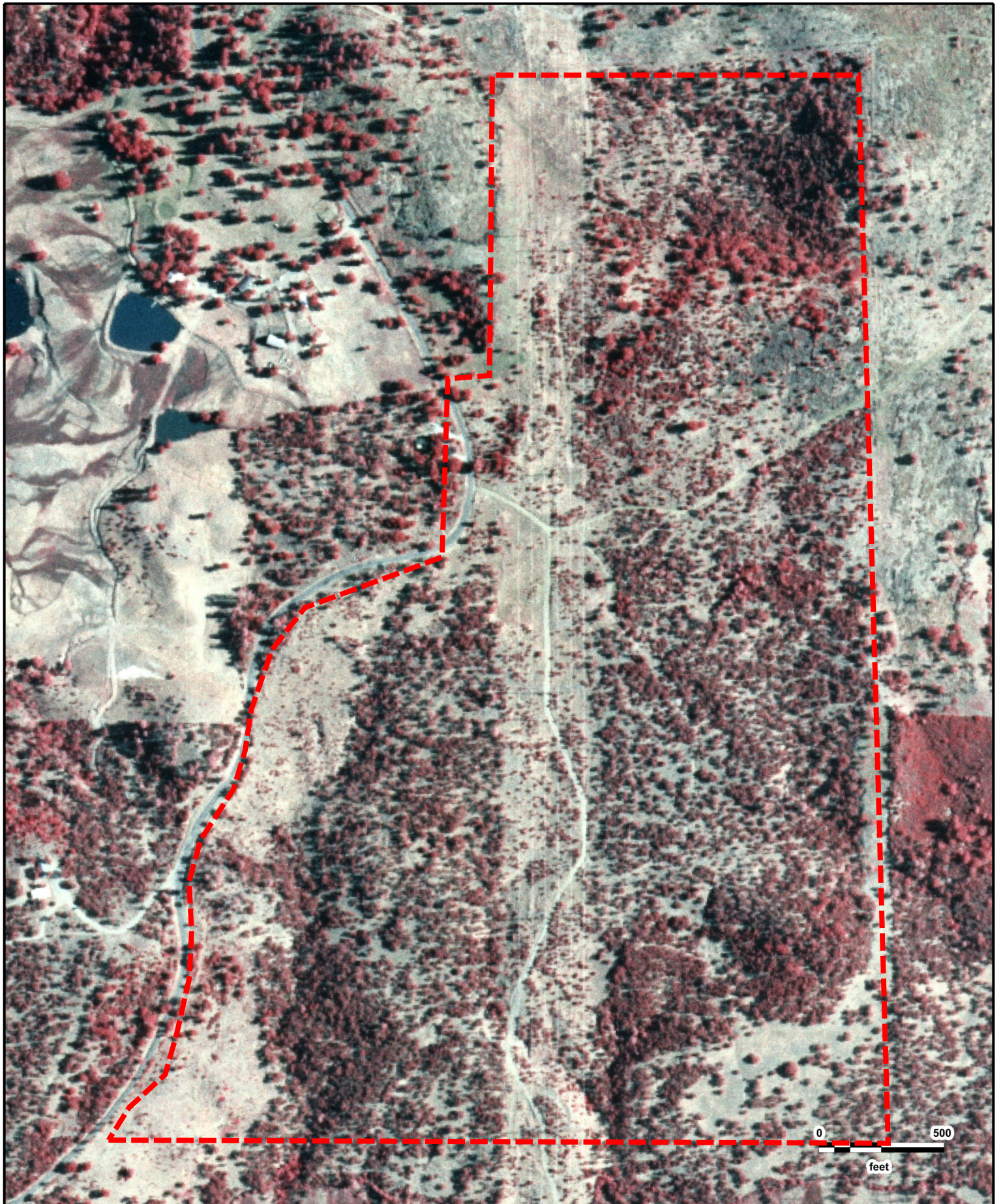


0 700
feet



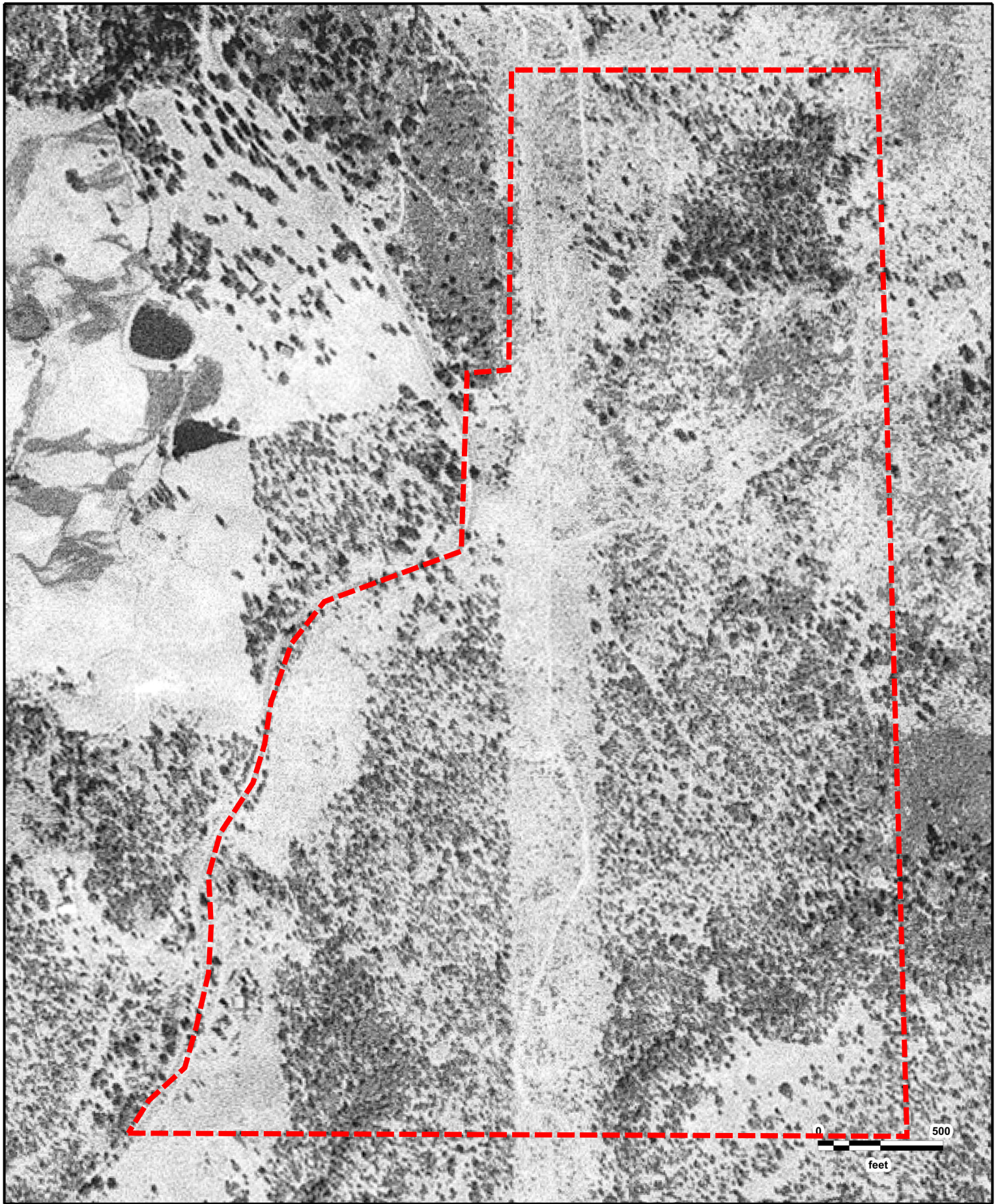
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USGS
06/22/1989

GeoSearch



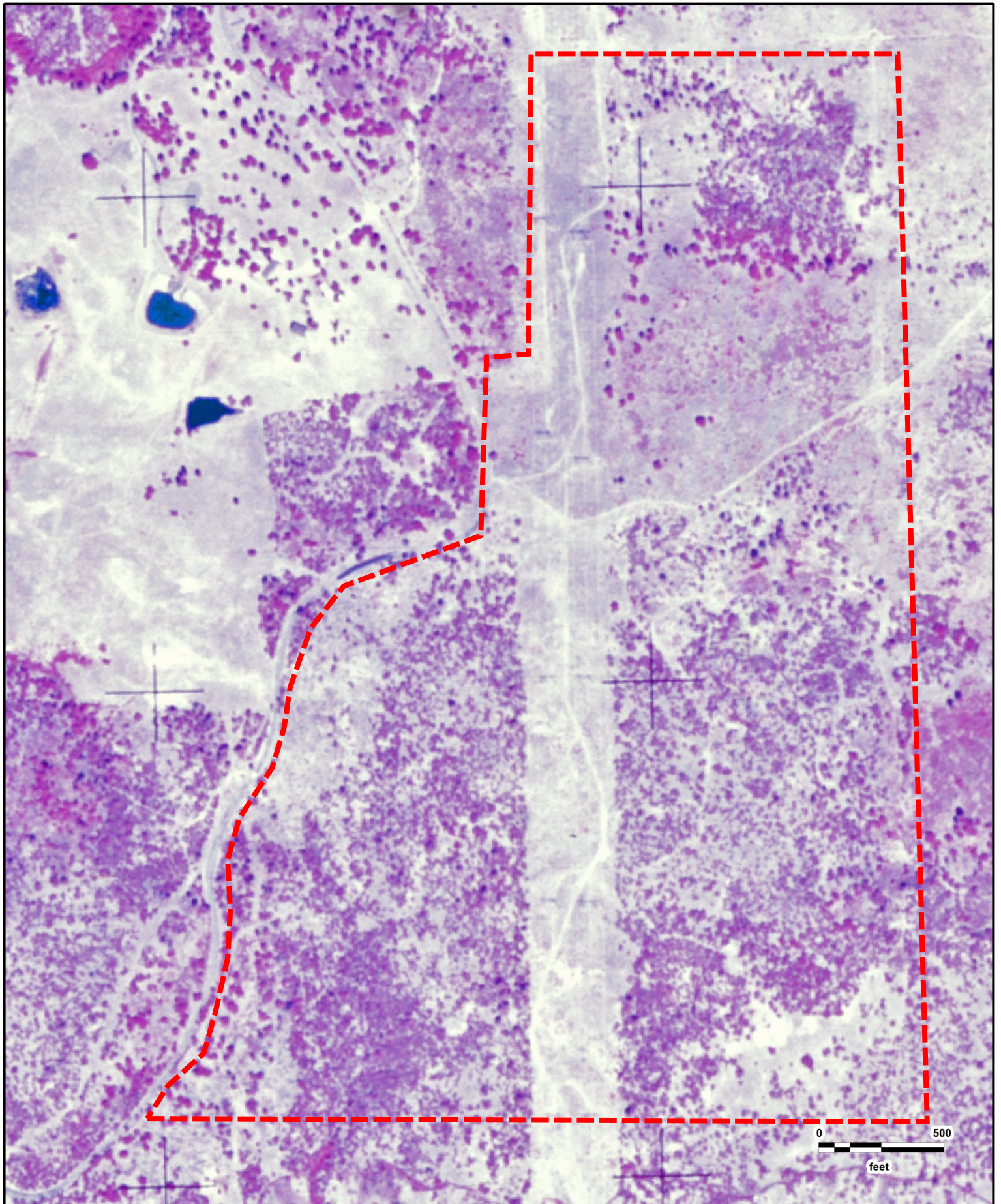
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USGS
06/28/1981

GeoSearch



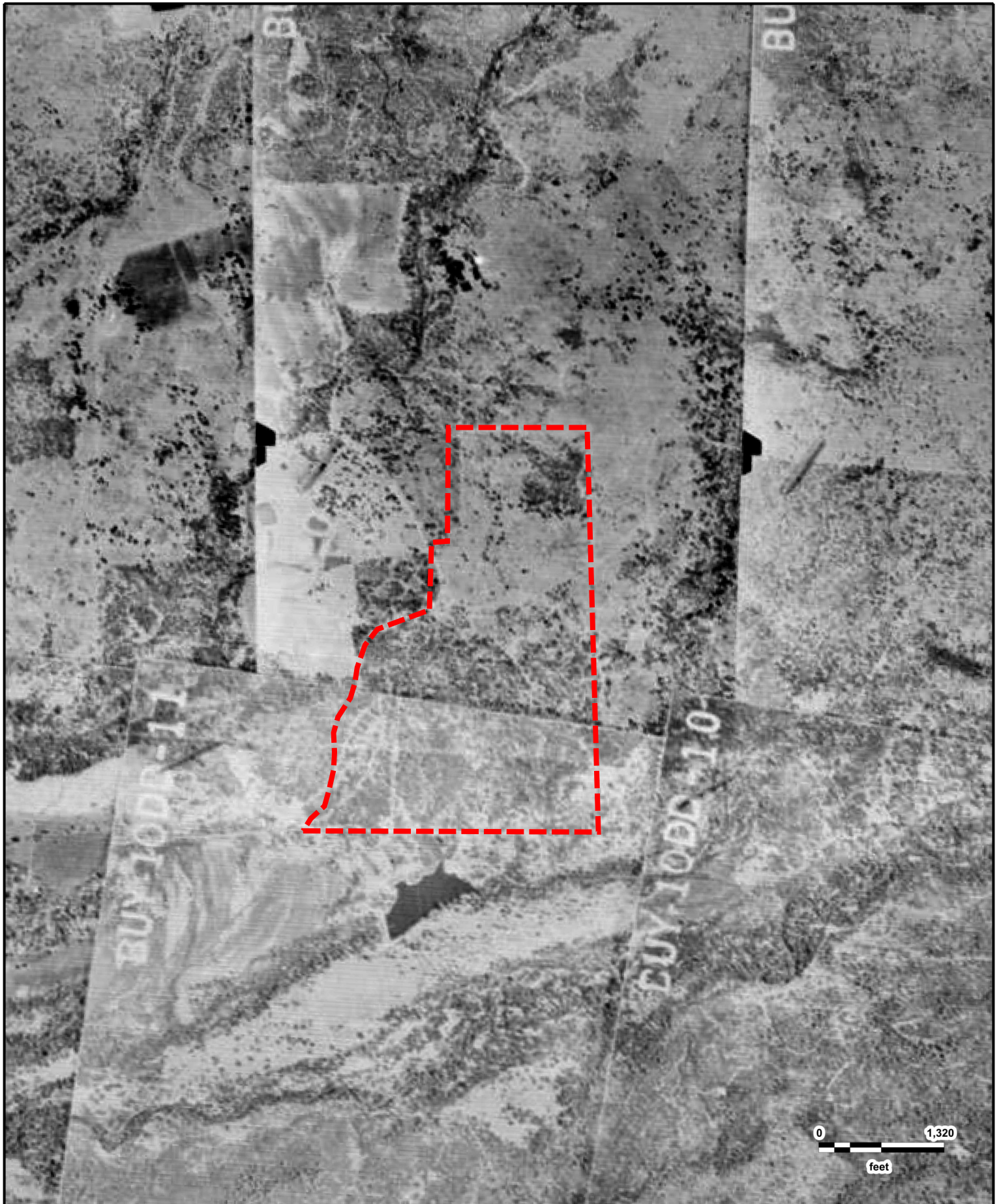
Round Mountain
USGS
09/20/1975

GeoSearch



Round Mountain
NASA
07/18/1969

GeoSearch



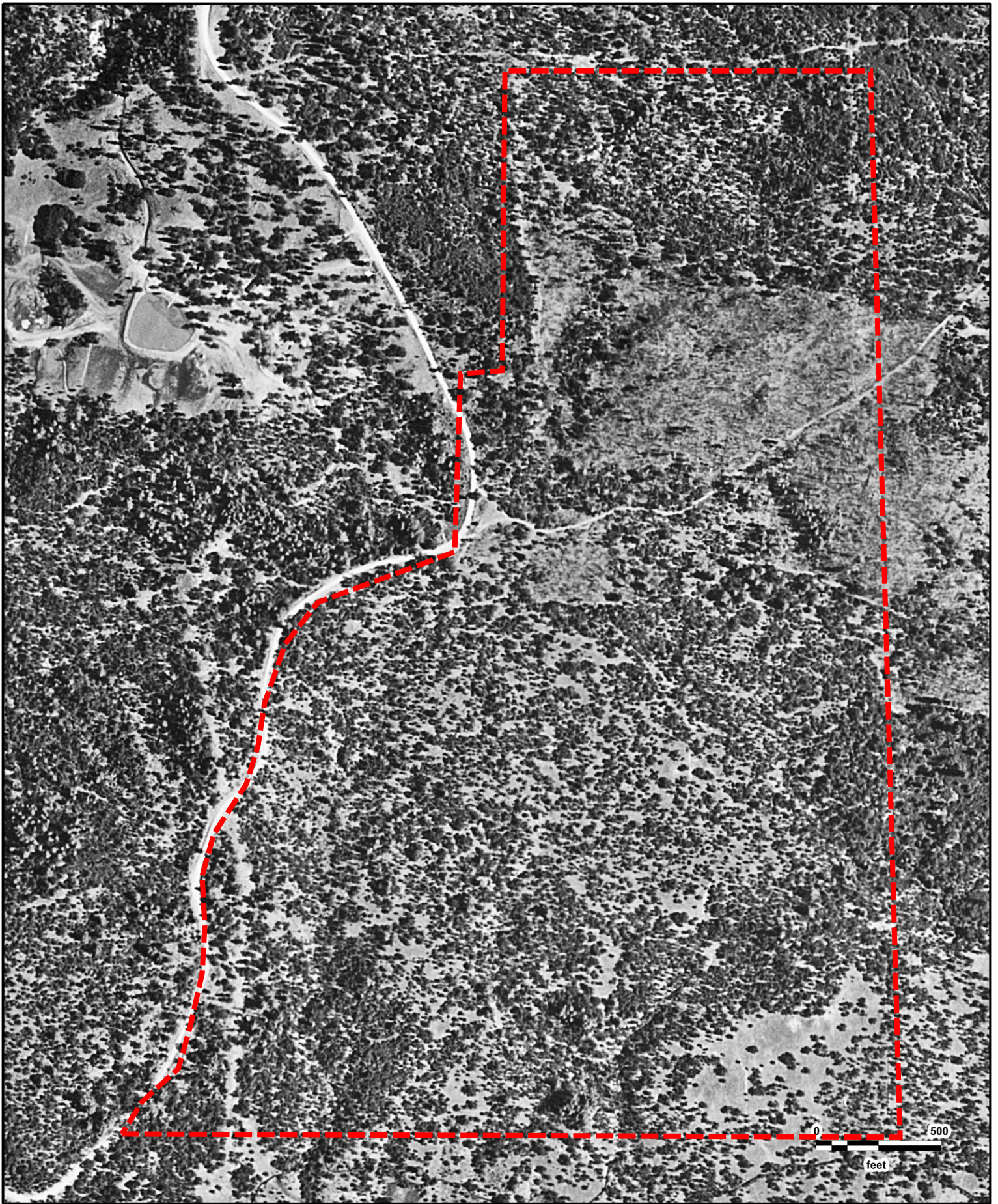
Round Mountain
ASCS
07/25/1963

GeoSearch



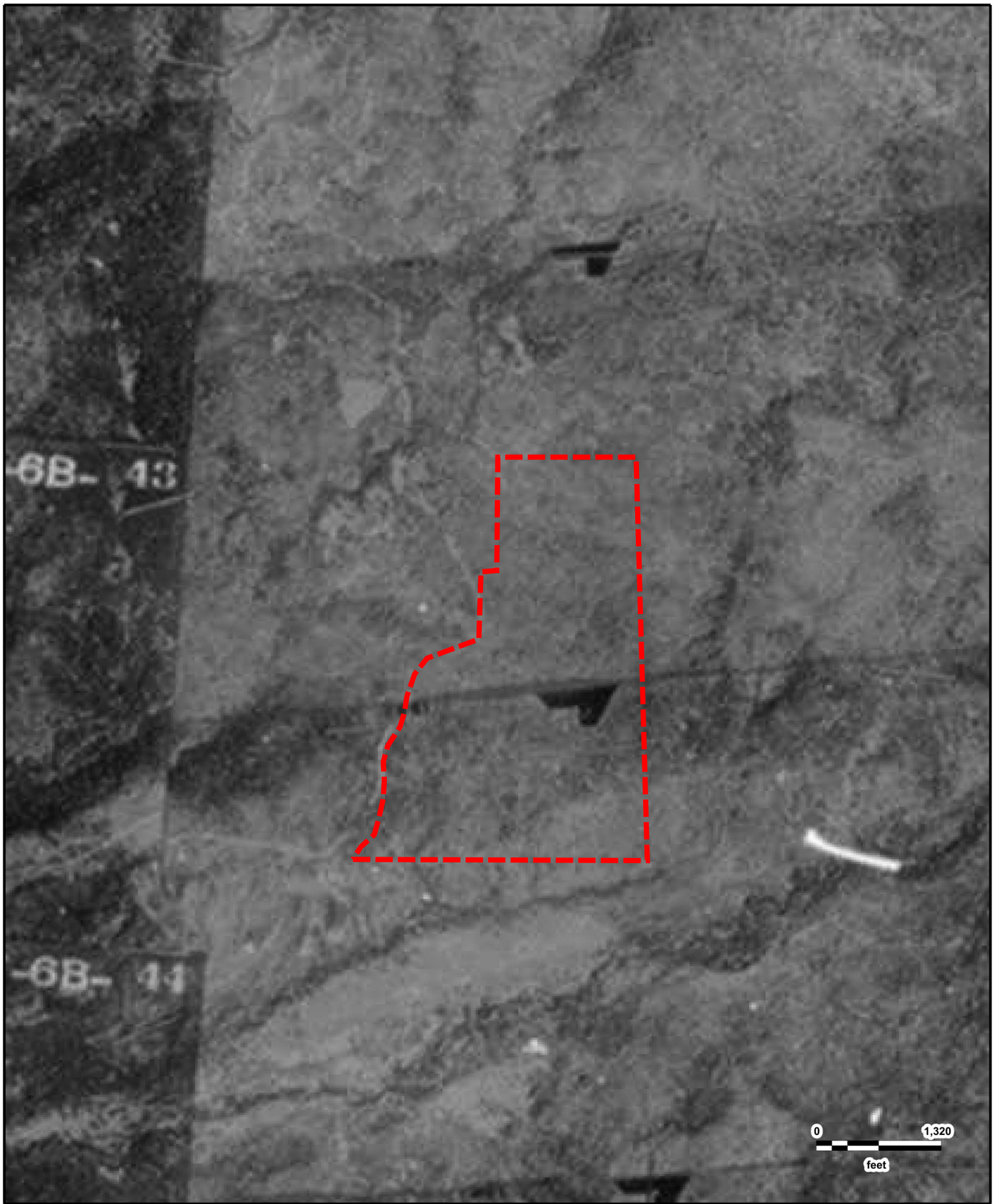
Round Mountain
USGS
09/02/1954





Round Mountain
ASCS
07/22/1952

GeoSearch



Round Mountain
ASCS
08/20/1941

GeoSearch

SITE PHOTOGRAPHS



Photo 1. The entrance and western portion of the site looking southeast.



Photo 2. The northeastern portion of the site and transmission ROW looking northeast.



Photo 3. The central portion of the site and honey bee farm looking southeast.



Photo 4. Residence located adjacent to the northwestern portion of the site.



Photo 5. The northeastern portion of the site looking northeast.



Photo 6. The northwestern portion of the site looking south from the northwestern corner of the site.



Photo 7. The northern portion of the site looking east from the northwestern corner.



Photo 8. Small stream located near the northern portion of the site.



Photo 9. The eastern portion of the site looking south from the northeast corner of the site.



Photo 10. The northeastern portion of the site looking southwest from the northeastern corner of the site.



Photo 11. The eastern portion of the site looking south.



Photo 12. The northeastern portion of the site looking southwest.



Photo 13. The central portion of the site looking north.



Photo 14. The southeastern portion of the site looking northwest from the southeastern site boundary.



Photo 15. The southern portion of the site looking north.



Photo 16. Small stream located near the southern portion of the site.



Photo 17. Vehicle remnants located near the southern portion of the site.



Photo 18. Pond and property located south of the site.



Photo 19. ASTs and farm implements located near the southern portion of the site.



Photo 20. The southwestern portion of the site.



Photo 21. Small stream located near the southwestern portion of the site.



Photo 22. Southwestern portion of the site south looking west.



Photo 23. The western portion of the site looking northwest.



Photo 24. The western portion of the site looking southeast.



Photo 25. The central portion of the site looking east from the western boundary.



Photo 26. Southwestern portion of the site looking east from western boundary.



Photo 27. The southwestern portion of the site looking northeast from southwestern boundary.



Photo 28. Fern Road and western site boundary looking north northeast.